

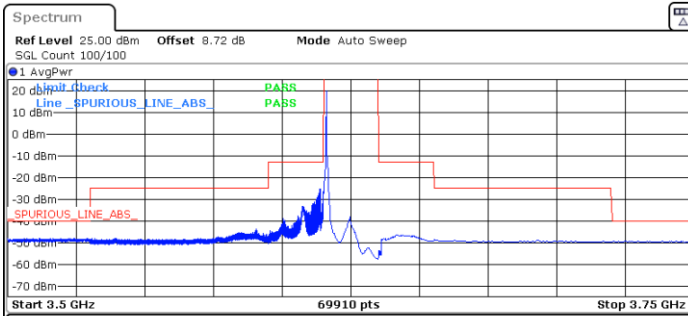


LTE Band 48 / 20MHz

QPSK

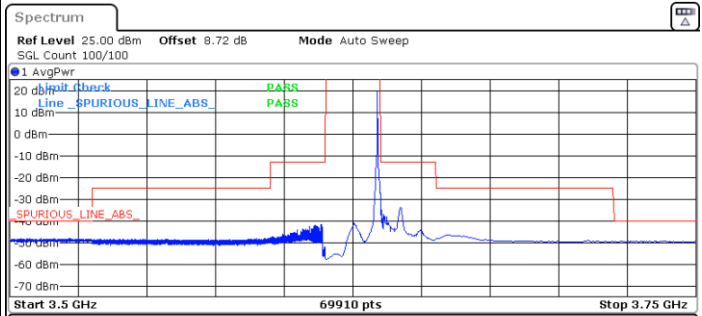
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50925 GHz	-48.06 dBm	-8.06 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53935 GHz	-48.24 dBm	-23.24 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59058 GHz	-43.84 dBm	-18.84 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61376 GHz	-25.48 dBm	-12.48 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61499 GHz	-26.47 dBm	-13.47 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	19.84 dBm	-10.16 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63502 GHz	-53.65 dBm	-40.65 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64136 GHz	-46.59 dBm	-33.59 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-48.62 dBm	-23.62 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72104 GHz	-49.45 dBm	-9.45 dB

Date: 3. JAN. 2023 00:25:22

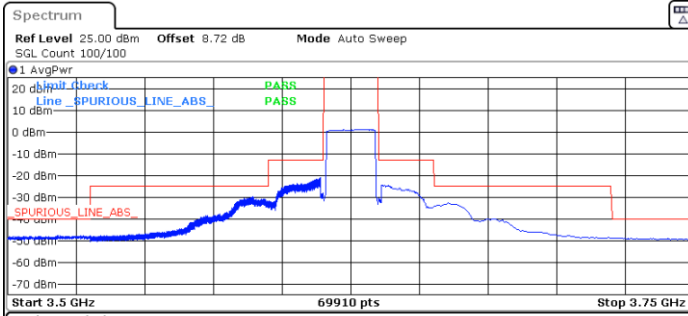


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50403 GHz	-48.16 dBm	-8.16 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53278 GHz	-48.59 dBm	-23.59 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59479 GHz	-48.08 dBm	-23.08 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61373 GHz	-41.66 dBm	-28.66 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61461 GHz	-52.16 dBm	-39.16 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	19.82 dBm	-10.18 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63500 GHz	-27.31 dBm	-14.31 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64230 GHz	-33.67 dBm	-20.67 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66047 GHz	-46.59 dBm	-21.59 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73322 GHz	-49.32 dBm	-9.32 dB

Date: 3. JAN. 2023 00:36:06

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51797 GHz	-47.73 dBm	-7.73 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53827 GHz	-47.79 dBm	-22.79 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.58922 GHz	-29.89 dBm	-4.89 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61387 GHz	-21.18 dBm	-8.18 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61499 GHz	-28.07 dBm	-15.07 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62757 GHz	0.98 dBm	-29.02 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63512 GHz	-30.74 dBm	-17.74 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63609 GHz	-24.61 dBm	-11.61 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66047 GHz	-32.67 dBm	-7.67 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72312 GHz	-48.90 dBm	-8.90 dB

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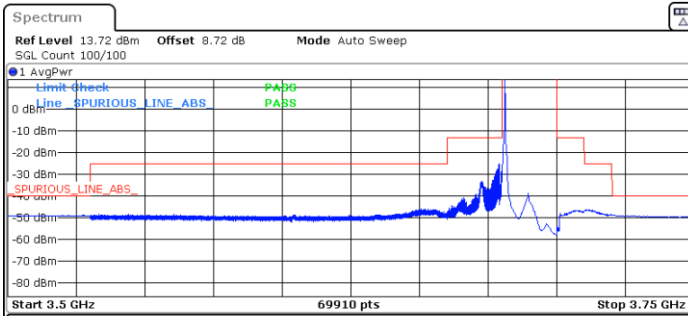


LTE Band 48 / 20MHz

QPSK

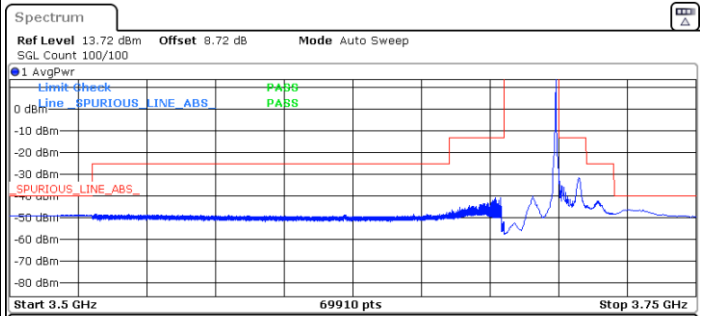
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52747 GHz	-48.80 dBm	-8.80 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53308 GHz	-48.47 dBm	-23.47 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65075 GHz	-45.82 dBm	-20.82 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67896 GHz	-25.24 dBm	-12.24 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67999 GHz	-25.28 dBm	-12.28 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68109 GHz	19.55 dBm	-10.45 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70002 GHz	-53.89 dBm	-40.89 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70675 GHz	-46.53 dBm	-33.53 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71084 GHz	-46.34 dBm	-21.34 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-48.61 dBm	-8.61 dB

Date: 3. JAN. 2023 00:57:30

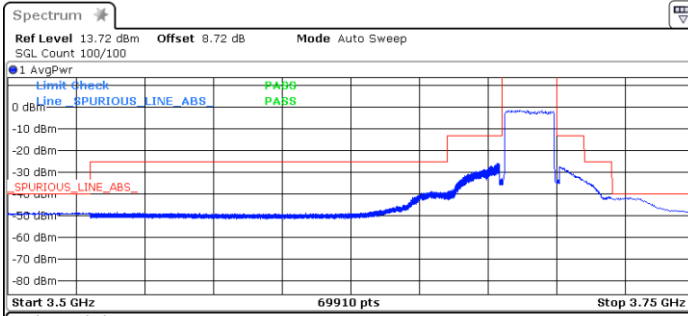


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52714 GHz	-48.81 dBm	-8.81 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53133 GHz	-48.32 dBm	-23.32 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65928 GHz	-47.60 dBm	-22.60 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67891 GHz	-40.74 dBm	-27.74 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67959 GHz	-51.72 dBm	-38.72 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69891 GHz	19.60 dBm	-10.40 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-27.56 dBm	-14.56 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70737 GHz	-31.45 dBm	-18.45 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71401 GHz	-42.18 dBm	-17.18 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72550 GHz	-46.11 dBm	-6.11 dB

Date: 3. JAN. 2023 01:08:14

Highest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52609 GHz	-48.70 dBm	-8.70 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53995 GHz	-48.45 dBm	-23.45 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65444 GHz	-38.65 dBm	-13.65 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67808 GHz	-25.70 dBm	-12.70 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67995 GHz	-32.78 dBm	-19.78 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68347 GHz	-1.34 dBm	-31.34 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70042 GHz	-33.46 dBm	-20.46 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70104 GHz	-27.28 dBm	-14.28 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71064 GHz	-34.07 dBm	-9.07 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72668 GHz	-41.59 dBm	-1.59 dB

Date: 9. JAN. 2023 13:34:46

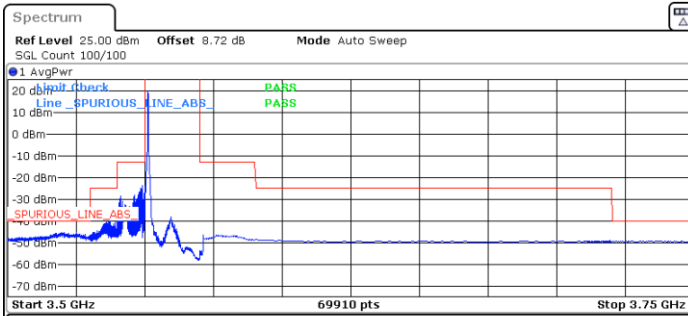


LTE Band 48 / 20MHz

16QAM

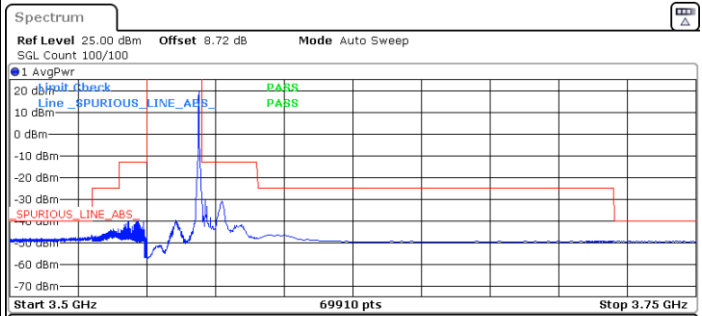
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51971 GHz	-45.23 dBm	-5.23 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53973 GHz	-39.74 dBm	-14.74 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54898 GHz	-23.67 dBm	-10.67 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54991 GHz	-24.28 dBm	-11.28 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	19.73 dBm	-10.27 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57004 GHz	-53.78 dBm	-40.78 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57787 GHz	-46.54 dBm	-33.54 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59059 GHz	-48.67 dBm	-23.67 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71936 GHz	-49.19 dBm	-24.19 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74599 GHz	-49.32 dBm	-9.32 dB

Date: 2. JAN. 2023 23:53:15

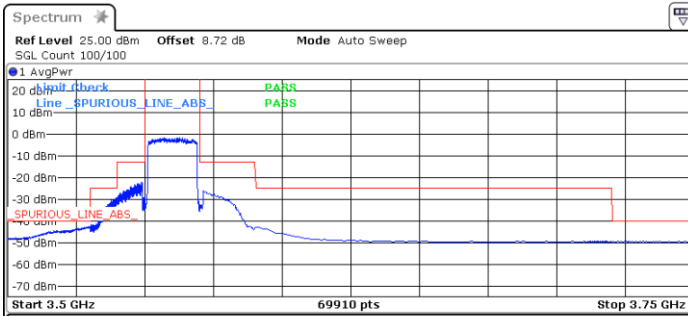


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52981 GHz	-46.78 dBm	-6.78 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53951 GHz	-43.66 dBm	-10.66 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54632 GHz	-39.66 dBm	-26.66 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54947 GHz	-47.43 dBm	-34.43 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	19.94 dBm	-10.06 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-28.88 dBm	-15.88 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57128 GHz	-30.50 dBm	-17.50 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.60010 GHz	-46.58 dBm	-21.58 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71520 GHz	-49.34 dBm	-24.34 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72906 GHz	-49.36 dBm	-9.36 dB

Date: 3. JAN. 2023 00:03:59

Lowest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52939 GHz	-42.72 dBm	-2.72 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53998 GHz	-29.45 dBm	-4.45 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54884 GHz	-22.29 dBm	-9.29 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54977 GHz	-29.24 dBm	-16.24 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55681 GHz	-1.71 dBm	-31.71 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57000 GHz	-32.46 dBm	-19.46 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-26.14 dBm	-13.14 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59059 GHz	-42.94 dBm	-17.94 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71777 GHz	-49.40 dBm	-24.40 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73025 GHz	-49.37 dBm	-9.37 dB

Date: 9. JAN. 2023 13:33:41

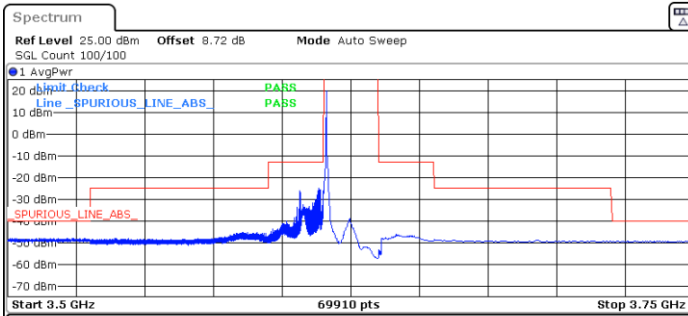


LTE Band 48 / 20MHz

16QAM

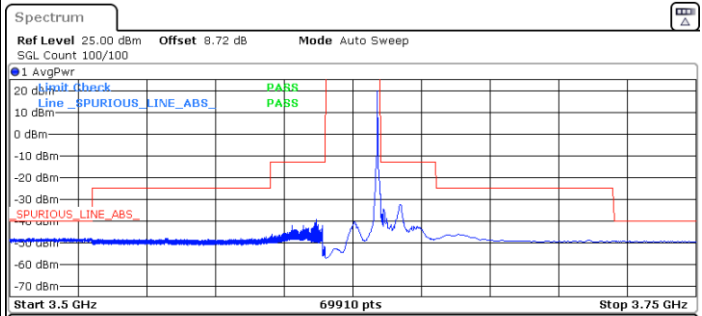
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.50256 GHz	-48.13 dBm	-8.13 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53885 GHz	-48.21 dBm	-23.21 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.58732 GHz	-45.47 dBm	-20.47 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61331 GHz	-25.07 dBm	-12.07 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61499 GHz	-26.12 dBm	-13.12 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	19.78 dBm	-10.22 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63506 GHz	-53.47 dBm	-40.47 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64155 GHz	-46.26 dBm	-33.26 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-48.70 dBm	-23.70 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72431 GHz	-49.41 dBm	-9.41 dB

Date: 3. JAN. 2023 00:28:03

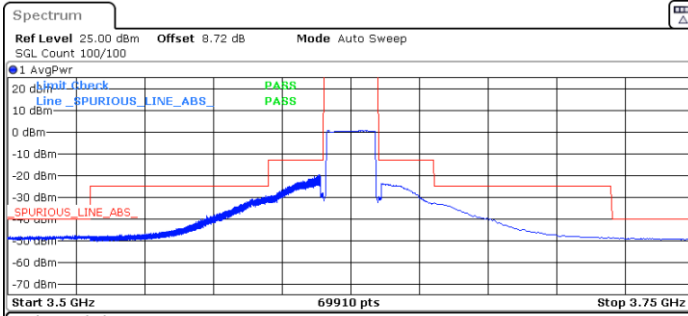


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52219 GHz	-48.04 dBm	-8.04 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53957 GHz	-48.56 dBm	-23.56 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59482 GHz	-47.33 dBm	-22.33 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61156 GHz	-39.44 dBm	-26.44 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61448 GHz	-51.70 dBm	-38.70 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	19.84 dBm	-10.16 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63501 GHz	-27.72 dBm	-14.72 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64249 GHz	-32.44 dBm	-19.44 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66369 GHz	-46.30 dBm	-21.30 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72015 GHz	-49.45 dBm	-9.45 dB

Date: 3. JAN. 2023 00:38:47

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52954 GHz	-47.86 dBm	-7.86 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53638 GHz	-47.89 dBm	-22.89 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59396 GHz	-29.53 dBm	-4.53 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61363 GHz	-19.93 dBm	-6.93 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61494 GHz	-28.11 dBm	-15.11 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61688 GHz	0.61 dBm	-29.39 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63500 GHz	-29.61 dBm	-16.61 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63666 GHz	-23.83 dBm	-10.83 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-32.73 dBm	-7.73 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-48.78 dBm	-8.78 dB

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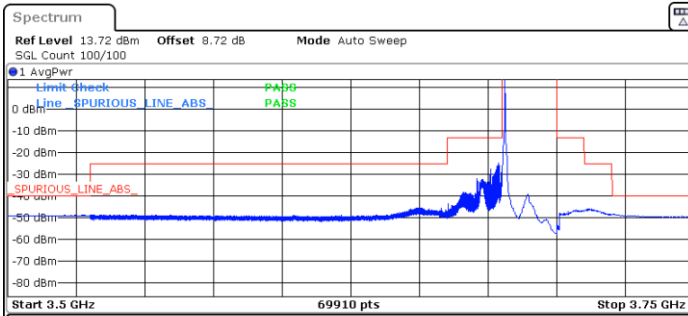


LTE Band 48 / 20MHz

16QAM

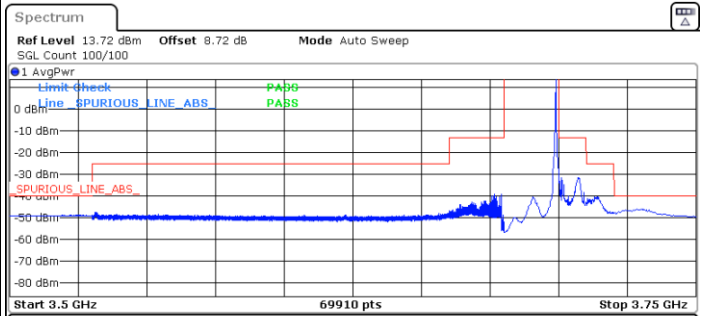
Highest Channel / 1RB0

Highest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52756 GHz	-48.82 dBm	-8.82 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53574 GHz	-48.57 dBm	-23.57 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65047 GHz	-45.30 dBm	-20.30 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67873 GHz	-24.56 dBm	-11.56 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.68000 GHz	-25.73 dBm	-12.73 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.68109 GHz	19.65 dBm	-10.35 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70036 GHz	-53.38 dBm	-40.38 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70710 GHz	-46.38 dBm	-33.38 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71193 GHz	-45.83 dBm	-20.83 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72134 GHz	-48.28 dBm	-8.28 dB

Date: 3.JAN.2023 01:00:11

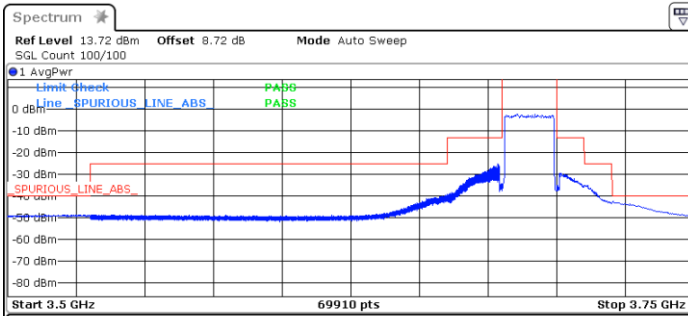


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52222 GHz	-48.83 dBm	-8.83 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53142 GHz	-47.42 dBm	-22.42 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65994 GHz	-47.92 dBm	-22.92 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67899 GHz	-38.97 dBm	-25.97 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67976 GHz	-48.80 dBm	-35.80 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69891 GHz	19.56 dBm	-10.44 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70000 GHz	-27.66 dBm	-14.66 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70728 GHz	-31.29 dBm	-18.29 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71431 GHz	-40.23 dBm	-15.23 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72995 GHz	-45.74 dBm	-5.74 dB

Date: 3.JAN.2023 01:37:01

Highest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51848 GHz	-48.69 dBm	-8.69 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53168 GHz	-48.50 dBm	-23.50 dB
3.540 GHz	3.660 GHz	1.000 MHz	3.65999 GHz	-39.14 dBm	-14.14 dB
3.660 GHz	3.679 GHz	1.000 MHz	3.67838 GHz	-25.10 dBm	-12.10 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.67988 GHz	-34.23 dBm	-21.23 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.69218 GHz	-2.40 dBm	-32.40 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.70001 GHz	-34.92 dBm	-21.92 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.70140 GHz	-29.57 dBm	-16.57 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71005 GHz	-35.04 dBm	-10.04 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72045 GHz	-42.45 dBm	-2.45 dB

Date: 9.JAN.2023 13:35:37

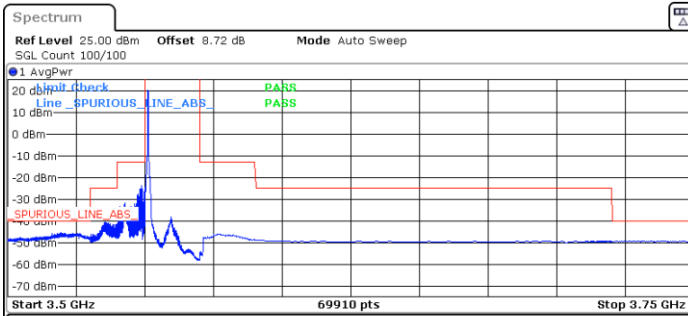


LTE Band 48 / 20MHz

64QAM

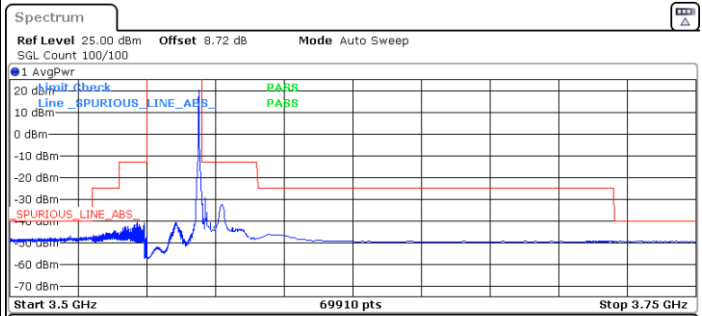
Lowest Channel / 1RB0

Lowest Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51932 GHz	-45.50 dBm	-5.50 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53554 GHz	-40.47 dBm	-15.47 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54864 GHz	-23.97 dBm	-10.97 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54998 GHz	-24.67 dBm	-11.67 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.55107 GHz	20.10 dBm	-9.00 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57012 GHz	-54.02 dBm	-41.02 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57655 GHz	-46.03 dBm	-33.03 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59059 GHz	-48.87 dBm	-23.87 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71926 GHz	-49.39 dBm	-24.39 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73916 GHz	-49.30 dBm	-9.30 dB

Date: 2. JAN. 2023 23:55:56

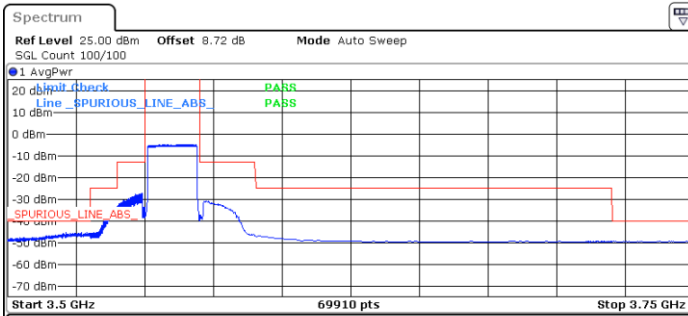


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52219 GHz	-46.84 dBm	-6.84 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53836 GHz	-44.41 dBm	-19.41 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54659 GHz	-40.02 dBm	-27.02 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54962 GHz	-47.80 dBm	-34.80 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56893 GHz	20.04 dBm	-9.96 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57002 GHz	-29.11 dBm	-16.11 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57109 GHz	-29.45 dBm	-16.45 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59416 GHz	-46.31 dBm	-21.31 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71500 GHz	-49.31 dBm	-24.31 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72817 GHz	-49.33 dBm	-9.33 dB

Date: 3. JAN. 2023 00:06:40

Lowest Channel / Full RB

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52705 GHz	-45.28 dBm	-5.28 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53986 GHz	-33.65 dBm	-8.65 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.54896 GHz	-27.34 dBm	-14.34 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.54999 GHz	-33.66 dBm	-20.66 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.56474 GHz	-4.93 dBm	-34.93 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.57011 GHz	-37.38 dBm	-24.38 dB
3.571 GHz	3.590 GHz	1.000 MHz	3.57203 GHz	-30.98 dBm	-17.98 dB
3.590 GHz	3.710 GHz	1.000 MHz	3.59178 GHz	-47.09 dBm	-22.09 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.71144 GHz	-49.35 dBm	-24.35 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74748 GHz	-49.50 dBm	-9.50 dB

Date: 9. JAN. 2023 14:47:55

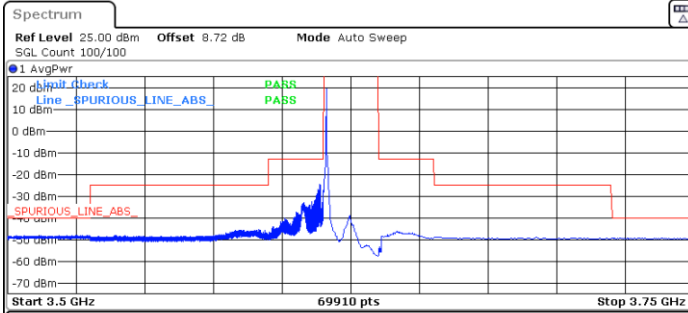


LTE Band 48 / 20MHz

64QAM

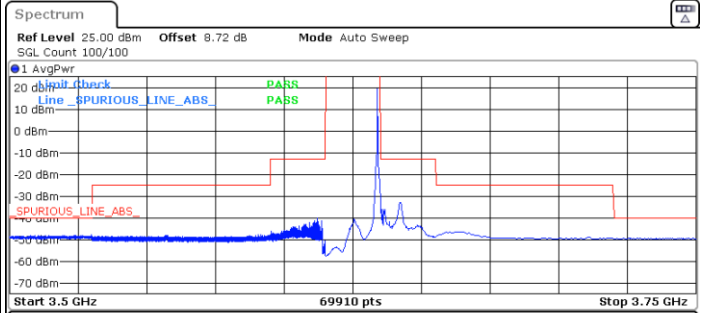
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51854 GHz	-48.08 dBm	-8.08 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53934 GHz	-48.24 dBm	-23.24 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59155 GHz	-45.59 dBm	-20.59 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61364 GHz	-24.50 dBm	-11.50 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61495 GHz	-27.49 dBm	-14.49 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	19.32 dBm	-10.68 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63553 GHz	-53.47 dBm	-40.47 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64174 GHz	-46.35 dBm	-33.35 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-48.85 dBm	-23.85 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72995 GHz	-49.36 dBm	-9.36 dB

Date: 3. JAN. 2023 00:13:43

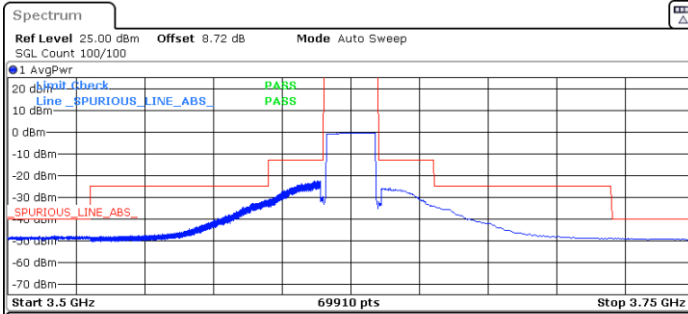


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52956 GHz	-47.87 dBm	-7.87 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53485 GHz	-48.51 dBm	-23.51 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59496 GHz	-47.72 dBm	-22.72 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61205 GHz	-40.32 dBm	-27.32 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61474 GHz	-50.66 dBm	-37.66 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	19.36 dBm	-10.64 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63500 GHz	-28.93 dBm	-15.93 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64230 GHz	-32.83 dBm	-19.83 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66369 GHz	-46.50 dBm	-21.50 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72371 GHz	-49.42 dBm	-9.42 dB

Date: 3. JAN. 2023 00:41:27

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51719 GHz	-47.88 dBm	-7.88 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53347 GHz	-48.24 dBm	-23.24 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59439 GHz	-31.37 dBm	-6.37 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61384 GHz	-25.44 dBm	-9.44 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61494 GHz	-29.66 dBm	-16.66 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62896 GHz	-0.50 dBm	-30.50 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63516 GHz	-32.36 dBm	-19.36 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63910 GHz	-25.95 dBm	-12.95 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-34.06 dBm	-9.06 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72163 GHz	-49.04 dBm	-9.04 dB

Date: 3. JAN. 2023 00:52:09

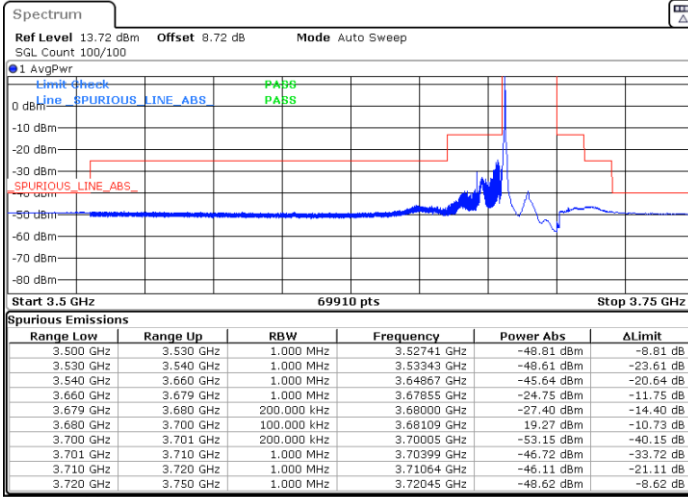


LTE Band 48 / 20MHz

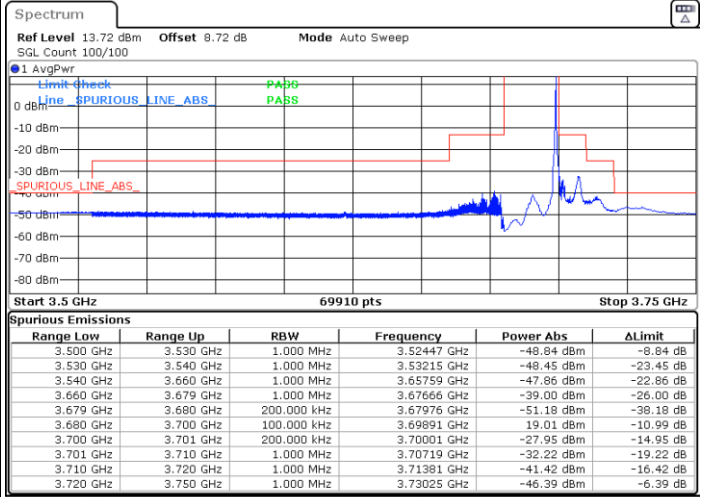
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



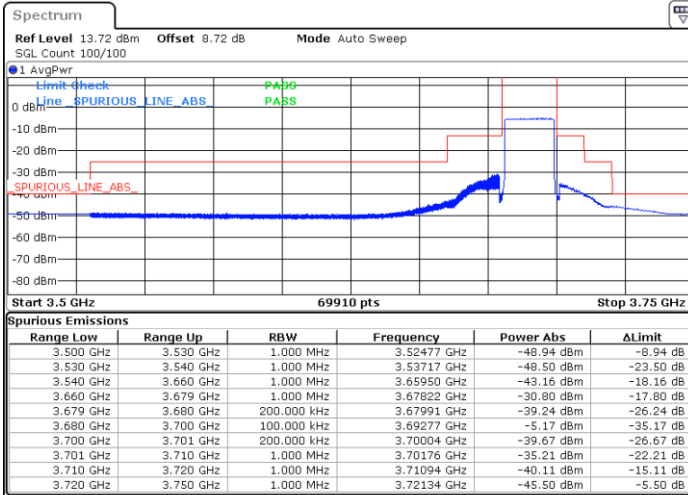
Date: 3. JAN. 2023 01:02:52



Date: 3. JAN. 2023 01:13:36

Highest Channel / Full RB

N/A



Date: 9. JAN. 2023 14:52:19

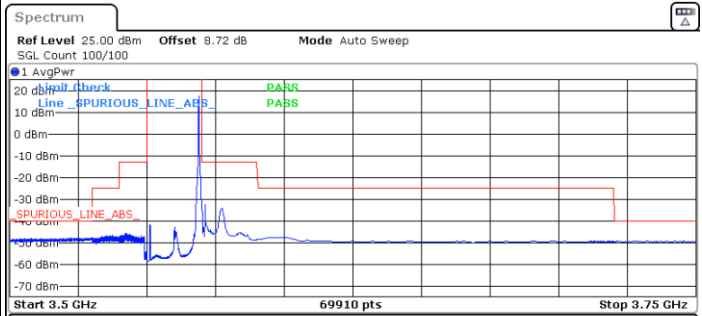
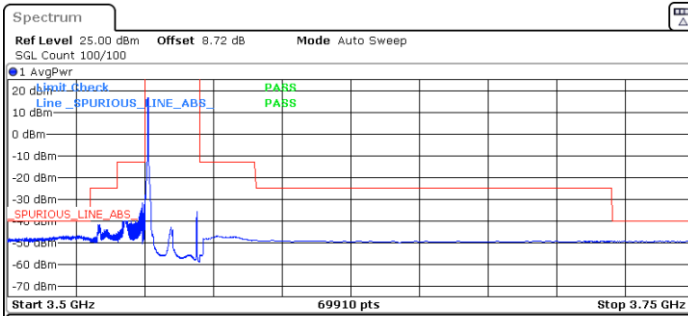


LTE Band 48 / 20MHz

256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

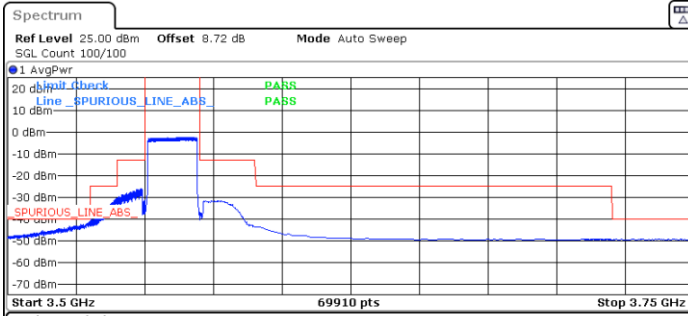


Date: 2. JAN. 2023 23:58:37

Date: 3. JAN. 2023 00:09:21

Lowest Channel / Full RB

N/A



Date: 3. JAN. 2023 01:41:19

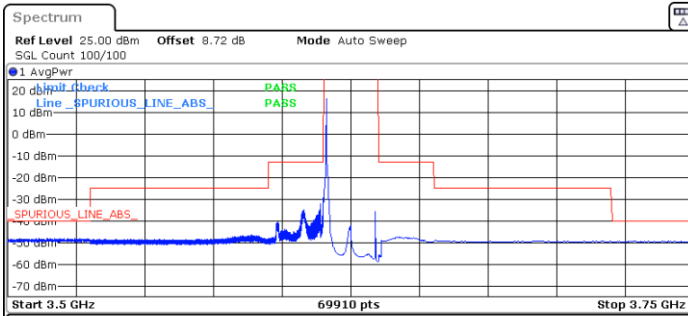


LTE Band 48 / 20MHz

256QAM

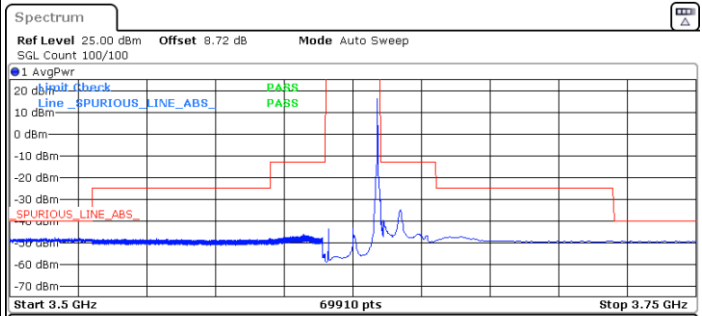
Middle Channel / 1RB0

Middle Channel / 1RBmax



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51413 GHz	-48.19 dBm	-8.19 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53947 GHz	-48.42 dBm	-23.42 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.58906 GHz	-46.73 dBm	-21.73 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61383 GHz	-32.23 dBm	-19.23 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61500 GHz	-29.59 dBm	-16.59 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.61609 GHz	16.27 dBm	-13.73 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63502 GHz	-55.78 dBm	-42.78 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64268 GHz	-47.47 dBm	-34.47 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65597 GHz	-49.17 dBm	-24.17 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.74153 GHz	-49.46 dBm	-9.46 dB

Date: 3. JAN. 2023 00:33:25

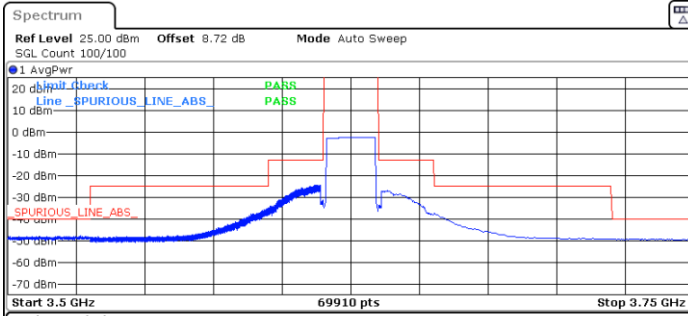


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.51638 GHz	-47.99 dBm	-7.99 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53590 GHz	-48.60 dBm	-23.60 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59487 GHz	-48.20 dBm	-23.20 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.60709 GHz	-46.37 dBm	-33.37 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61473 GHz	-55.37 dBm	-42.37 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.63391 GHz	16.34 dBm	-13.66 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63500 GHz	-30.19 dBm	-17.19 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.64230 GHz	-35.18 dBm	-22.18 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.66433 GHz	-47.56 dBm	-22.56 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.72342 GHz	-49.37 dBm	-9.37 dB

Date: 3. JAN. 2023 00:44:08

Middle Channel / Full

N/A



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.500 GHz	3.530 GHz	1.000 MHz	3.52663 GHz	-47.88 dBm	-7.88 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.53279 GHz	-48.25 dBm	-23.25 dB
3.540 GHz	3.595 GHz	1.000 MHz	3.59493 GHz	-35.14 dBm	-10.14 dB
3.595 GHz	3.614 GHz	1.000 MHz	3.61378 GHz	-24.48 dBm	-11.48 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.61497 GHz	-31.22 dBm	-18.22 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.62936 GHz	-2.49 dBm	-32.49 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.63512 GHz	-33.73 dBm	-20.73 dB
3.636 GHz	3.655 GHz	1.000 MHz	3.63816 GHz	-27.06 dBm	-14.06 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.65532 GHz	-37.54 dBm	-12.54 dB
3.720 GHz	3.750 GHz	1.000 MHz	3.73530 GHz	-49.29 dBm	-9.29 dB

Date: 3. JAN. 2023 00:54:49

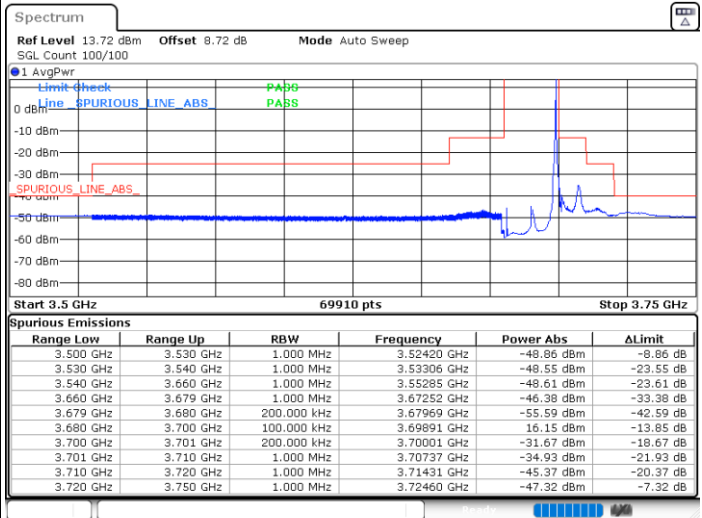
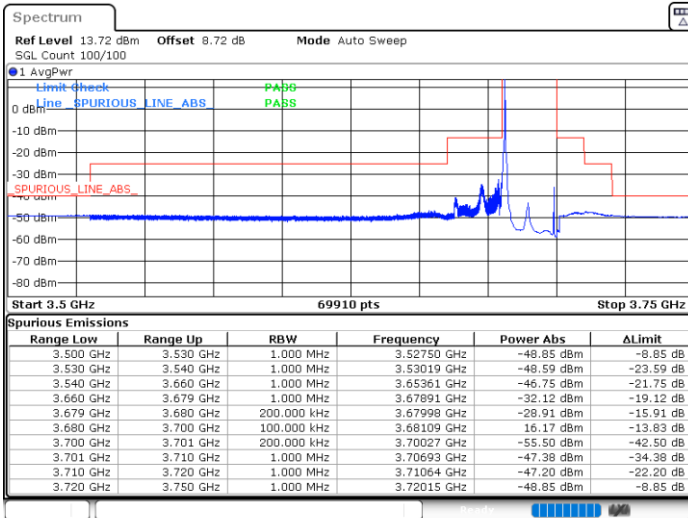


LTE Band 48 / 20MHz

256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

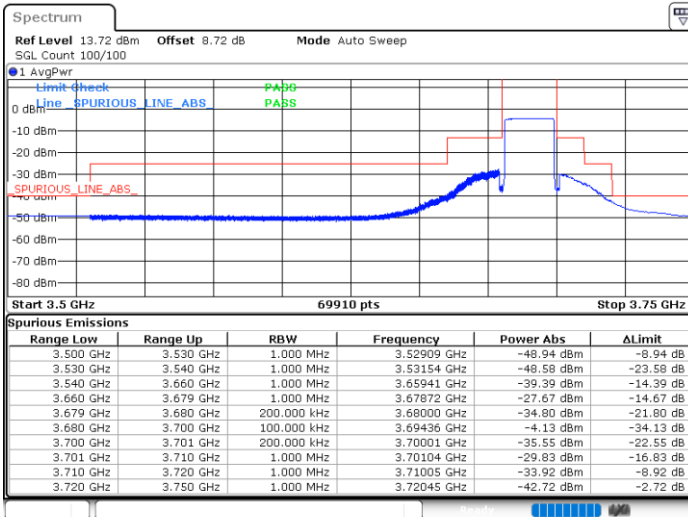


Date: 3.JAN.2023 01:05:33

Date: 3.JAN.2023 01:16:17

Highest Channel / Full RB

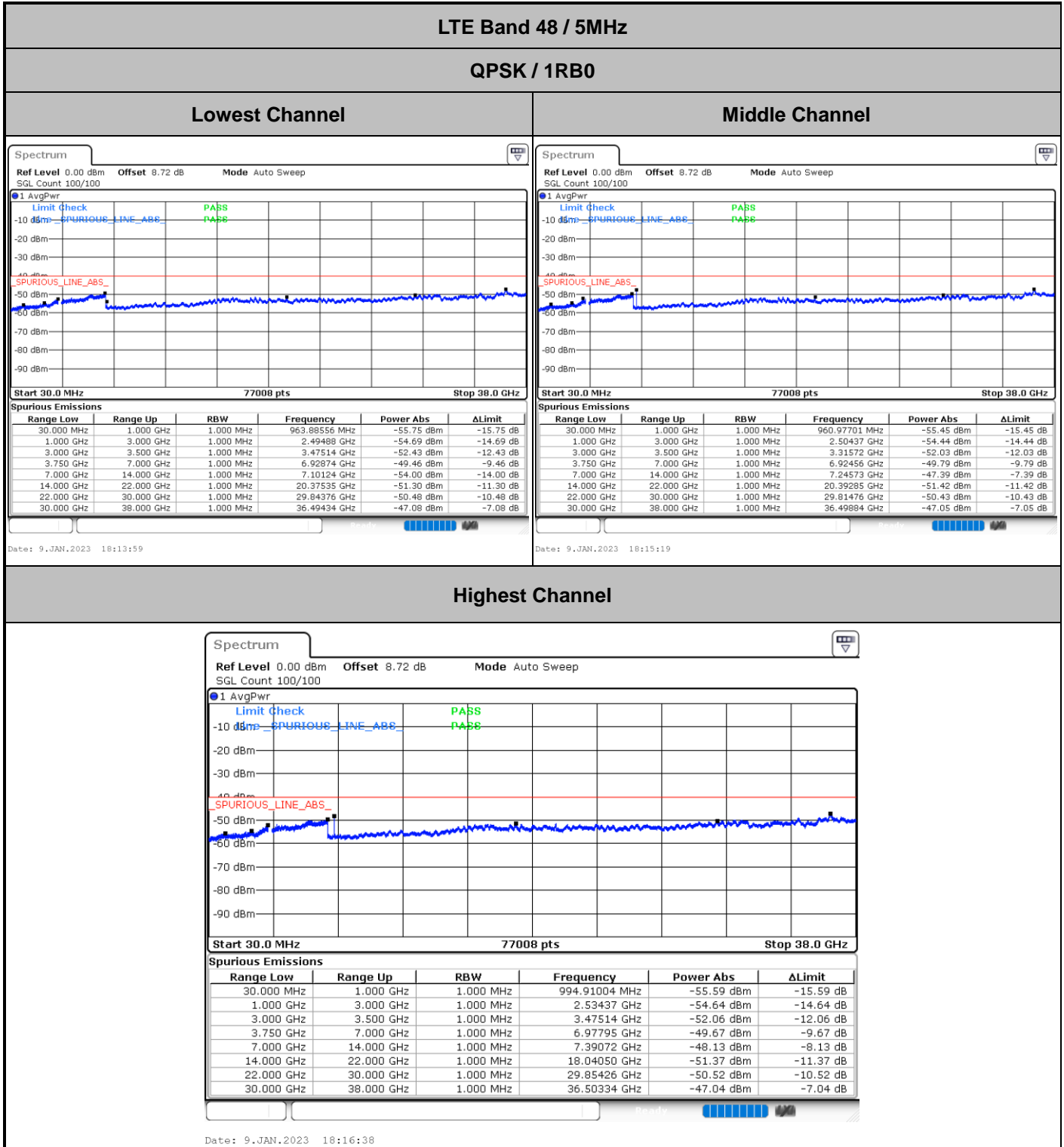
N/A



Date: 9.JAN.2023 14:54:10



Conducted Spurious Emission



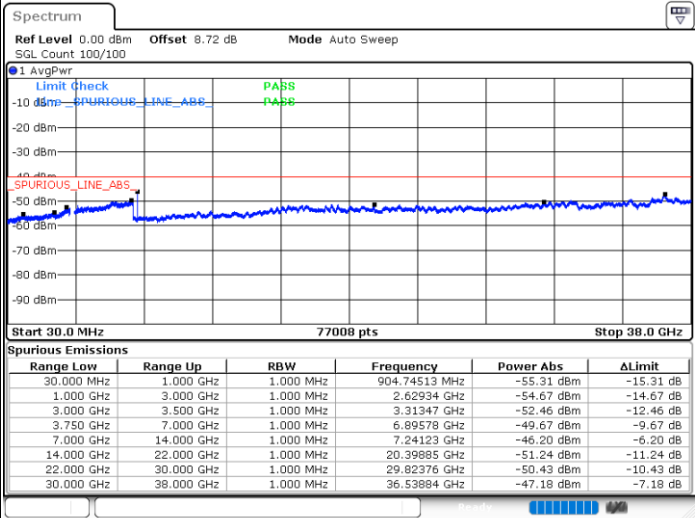
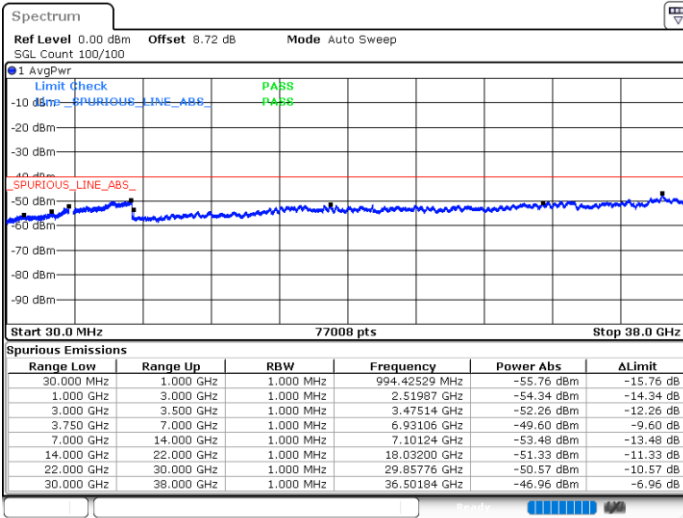


LTE Band 48 / 10MHz

QPSK / 1RB0

Lowest Channel

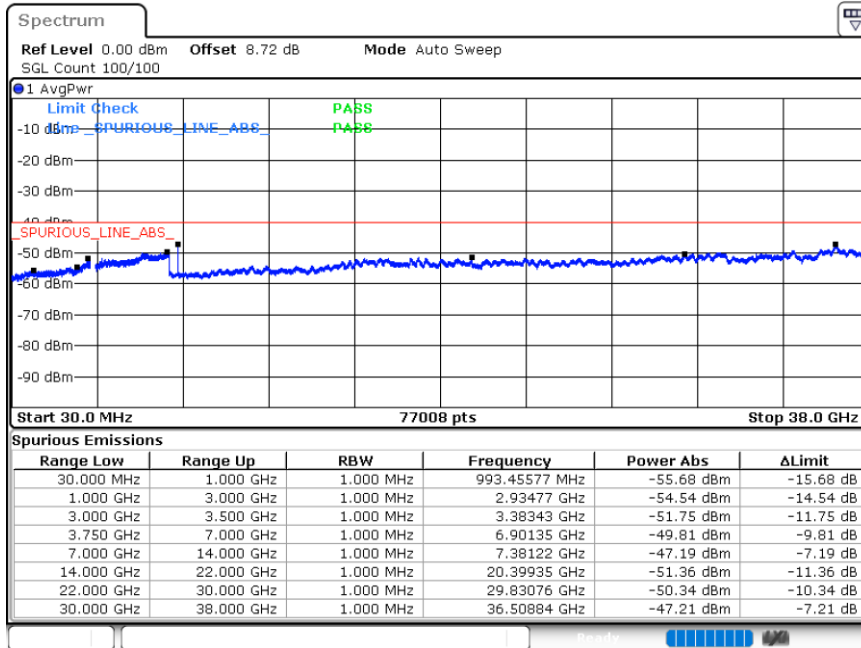
Middle Channel



Date: 9.JAN.2023 18:18:00

Date: 9.JAN.2023 18:19:20

Highest Channel



Date: 9.JAN.2023 18:20:39

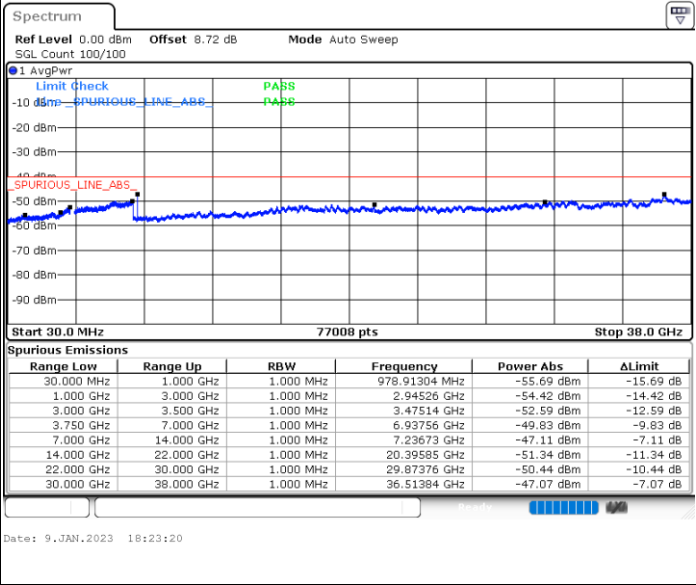
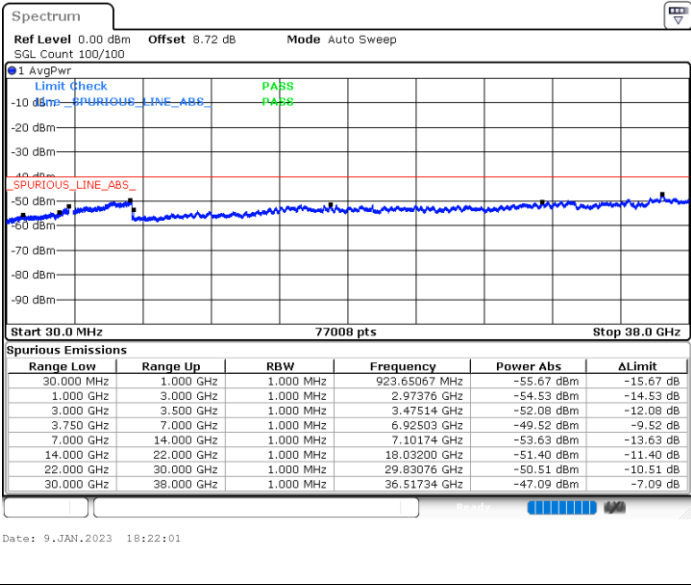


LTE Band 48 / 15MHz

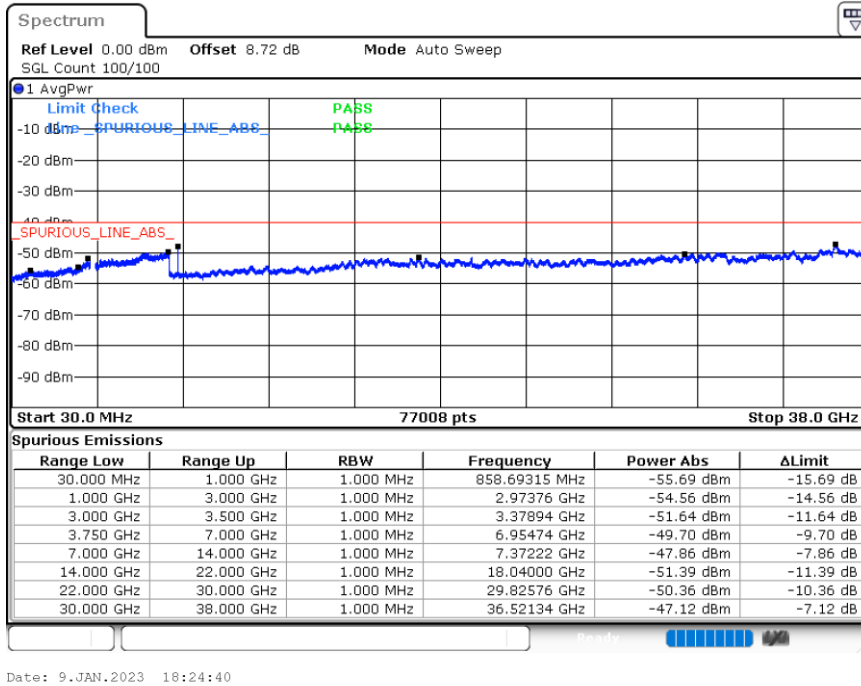
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



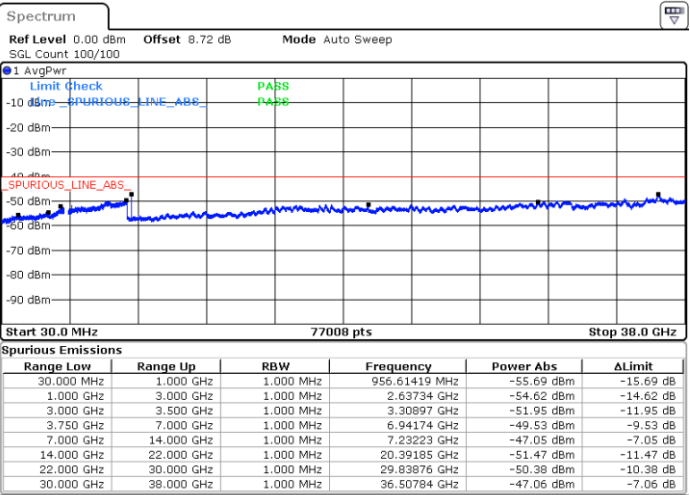
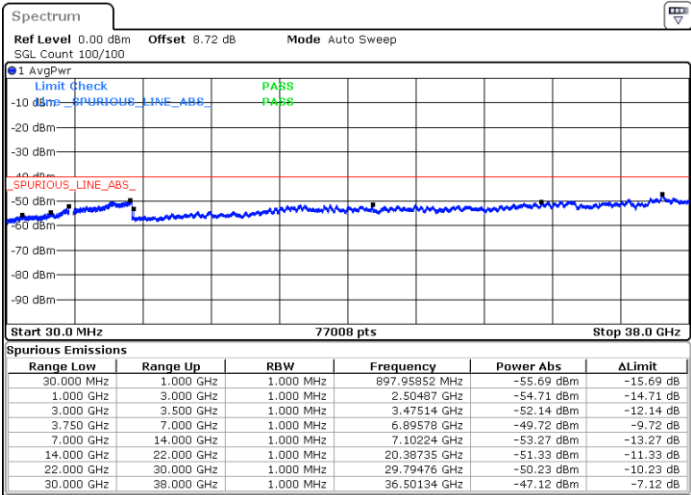


LTE Band 48 / 20MHz

QPSK / 1RB0

Lowest Channel

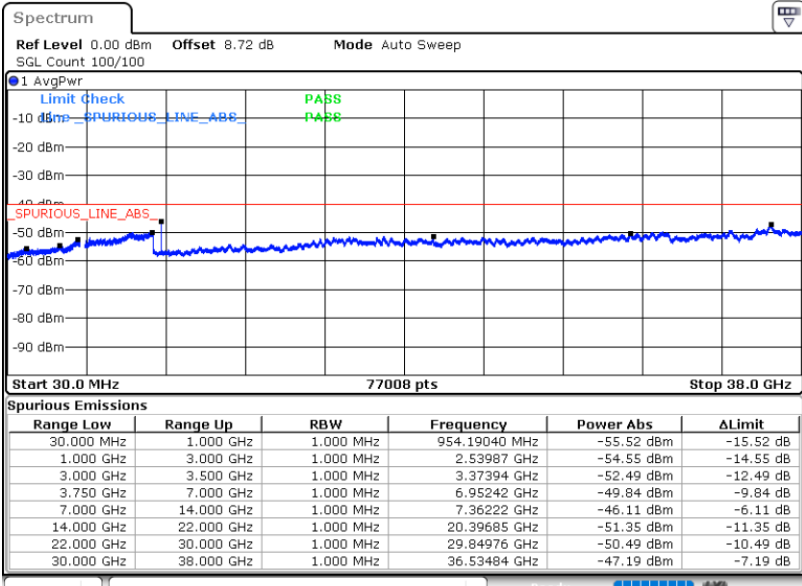
Middle Channel



Date: 9, JAN. 2023 18:26:01

Date: 9, JAN. 2023 18:27:21

Highest Channel



Date: 9, JAN. 2023 18:28:41



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	0.0023	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0026	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C

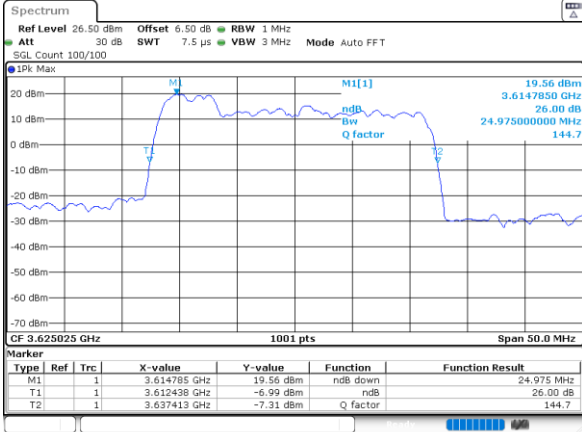
26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.98	24.88
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	30.03	29.79
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.97	35.11
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	25.08	24.98
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.15	30.03
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	34.90	34.90
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.88	39.96



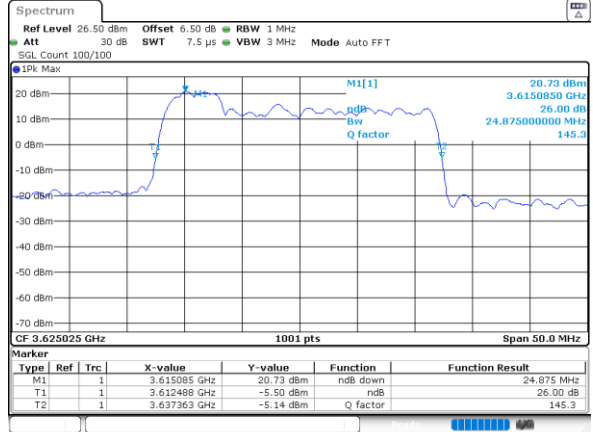
LTE Band 48C

Middle Channel / 5MHz+20MHz/QPSK



Date: 28_JAN_2023 11:38:34

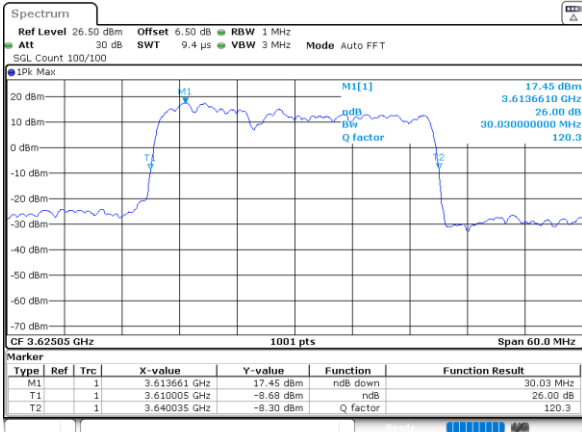
Middle Channel / 5MHz+20MHz/16QAM



Date: 28_JAN_2023 11:39:55

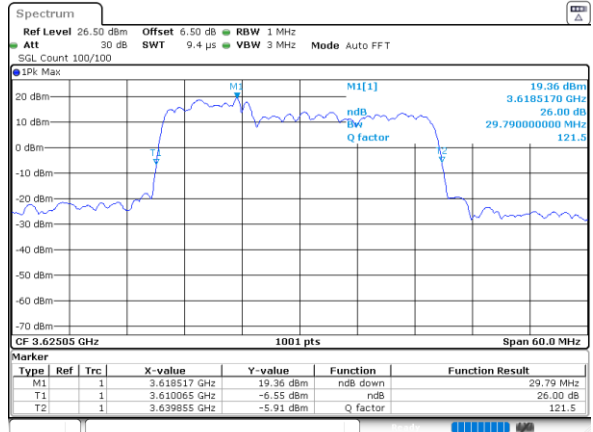
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



Date: 28_JAN_2023 11:41:07

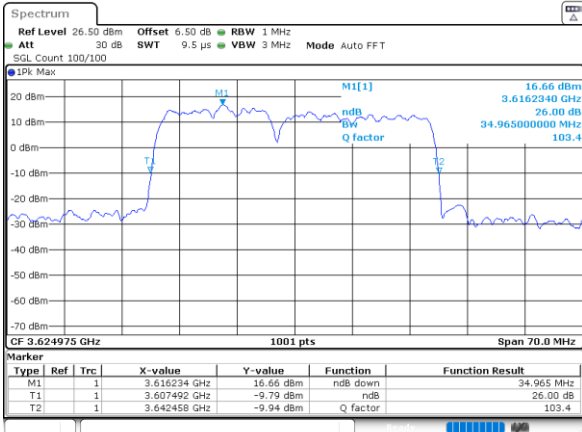
Middle Channel / 10MHz+20MHz/16QAM



Date: 28_JAN_2023 11:42:29

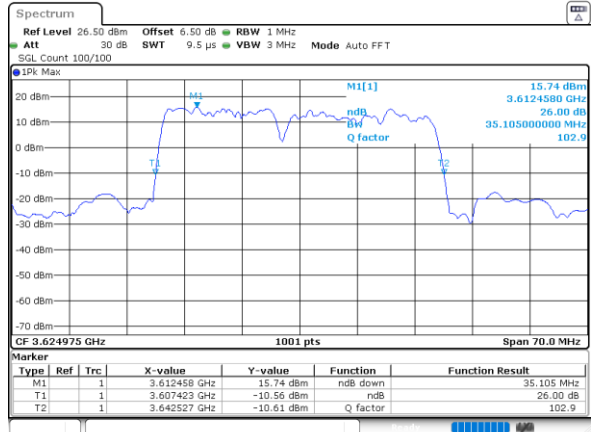
LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK



Date: 28_JAN_2023 11:44:58

Middle Channel / 15MHz+20MHz/16QAM

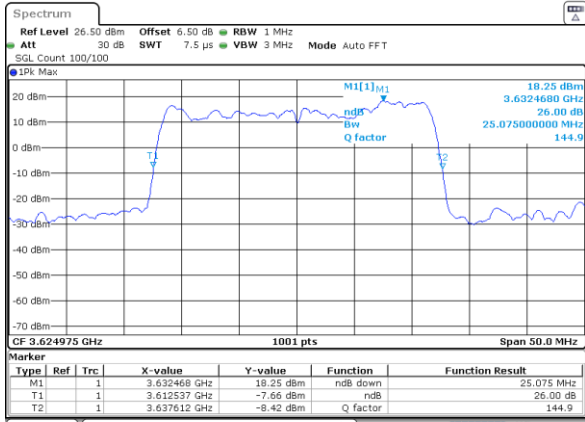


Date: 28_JAN_2023 11:46:20



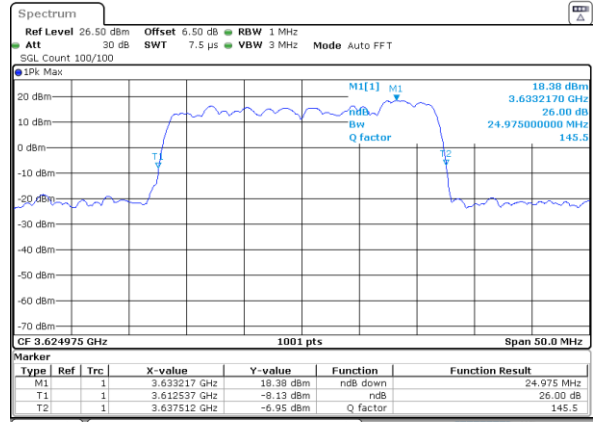
LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK



Date: 28 JAN 2023 11:50:42

Middle Channel / 20MHz+5MHz/16QAM

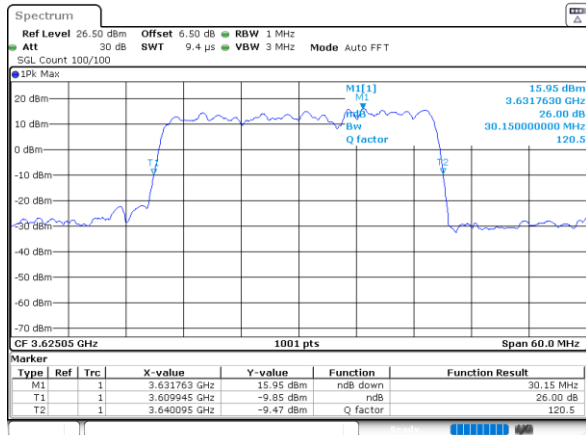


Date: 28 JAN 2023 11:52:04



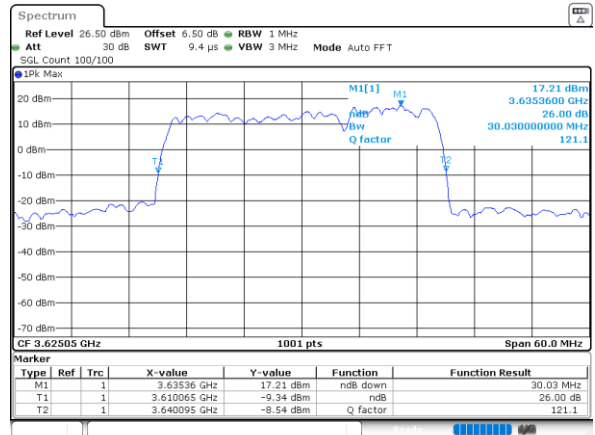
LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK



Date: 28_JAN_2023 11:52:38

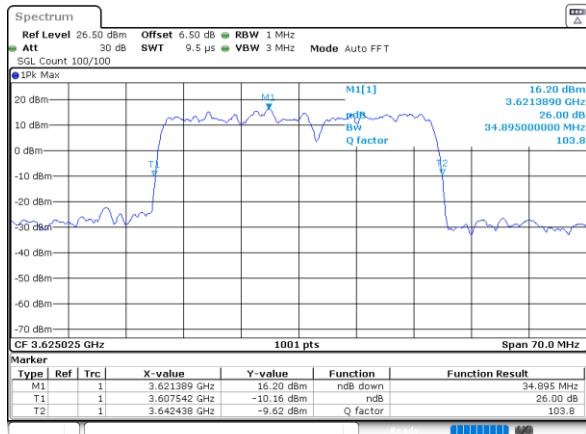
Middle Channel / 20MHz+10MHz/16QAM



Date: 28_JAN_2023 11:54:00

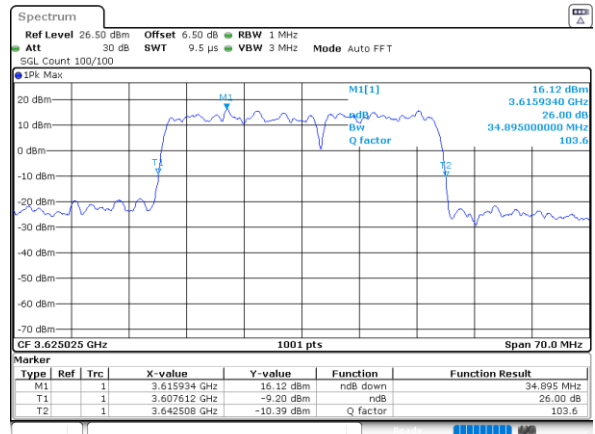
LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK



Date: 28_JAN_2023 11:54:34

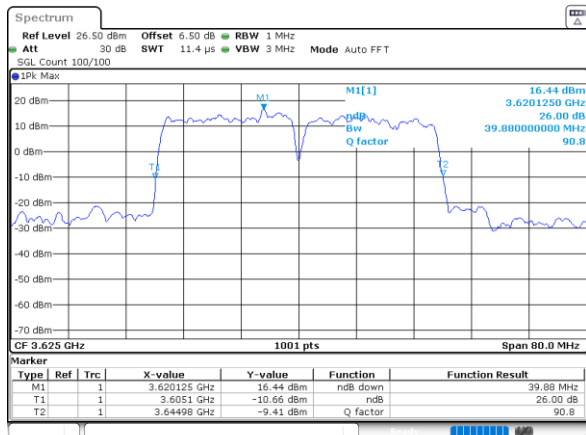
Middle Channel / 20MHz+15MHz/16QAM



Date: 28_JAN_2023 11:55:56

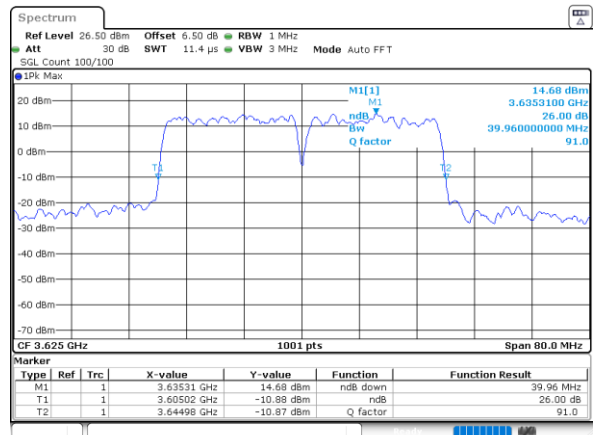
LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Date: 28_JAN_2023 11:56:30

Middle Channel / 20MHz+20MHz/16QAM



Date: 28_JAN_2023 11:57:52



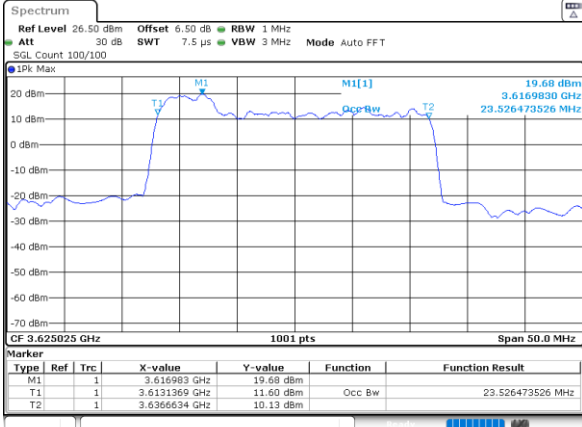
Occupied Bandwidth

Mode	LTE Band 48C : OBW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.53	23.23
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	28.17	28.17
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	32.87	32.94
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.23	23.23
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.17	28.11
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.73	32.94
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.80	37.72



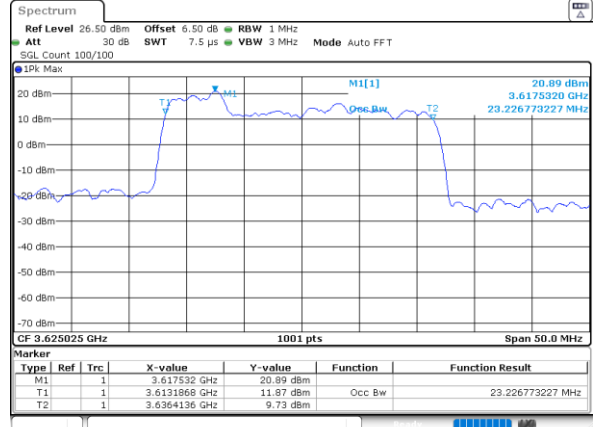
LTE Band 48C

Middle Channel / 5MHz+20MHz/QPSK



Date: 28_JAN_2023 11:39:01

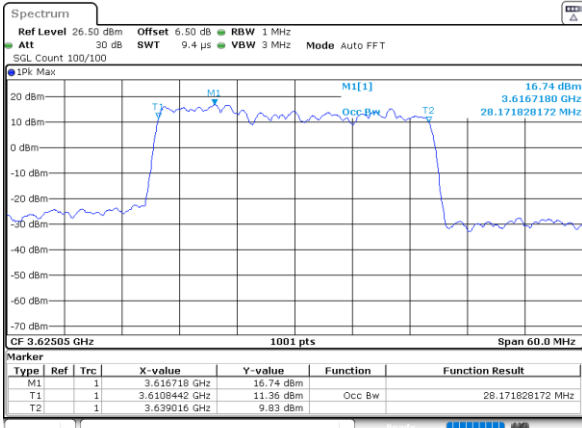
Middle Channel / 5MHz+20MHz/16QAM



Date: 28_JAN_2023 11:39:28

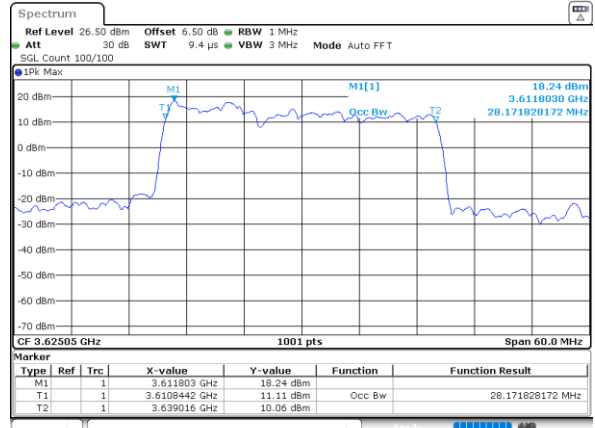
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



Date: 28_JAN_2023 11:41:34

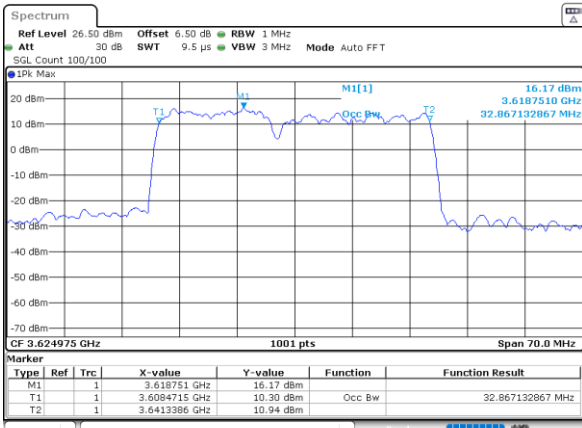
Middle Channel / 10MHz+20MHz/16QAM



Date: 28_JAN_2023 11:42:01

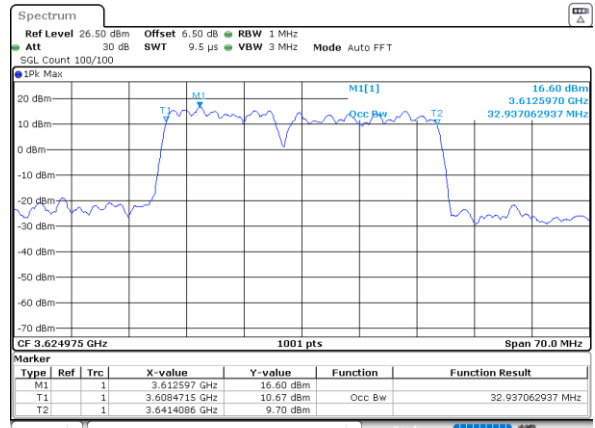
LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK



Date: 28_JAN_2023 11:45:25

Middle Channel / 15MHz+20MHz/16QAM

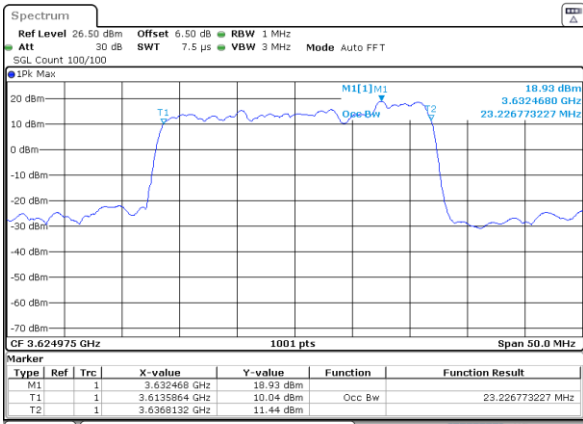


Date: 28_JAN_2023 11:45:53



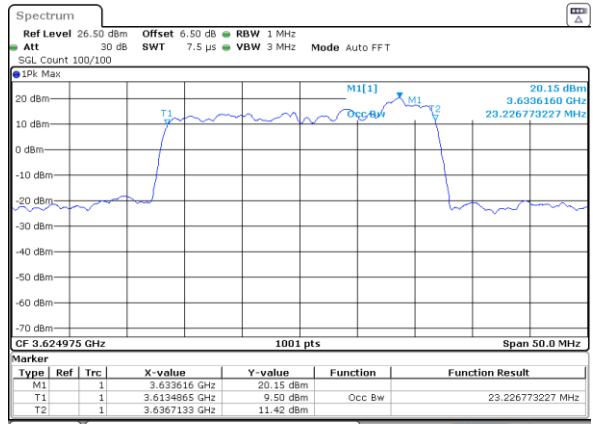
LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK



Date: 28.JAN.2023 11:51:09

Middle Channel / 20MHz+5MHz/16QAM

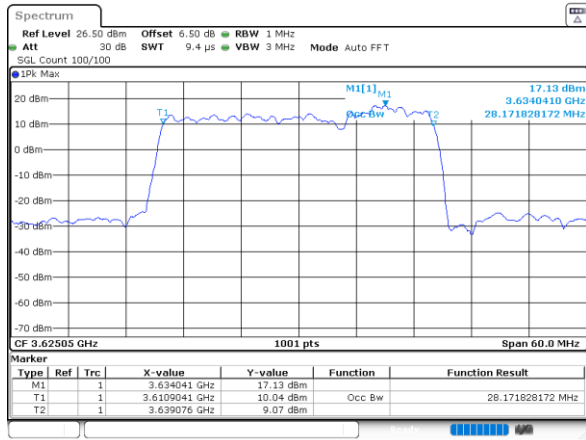


Date: 28.JAN.2023 11:51:36



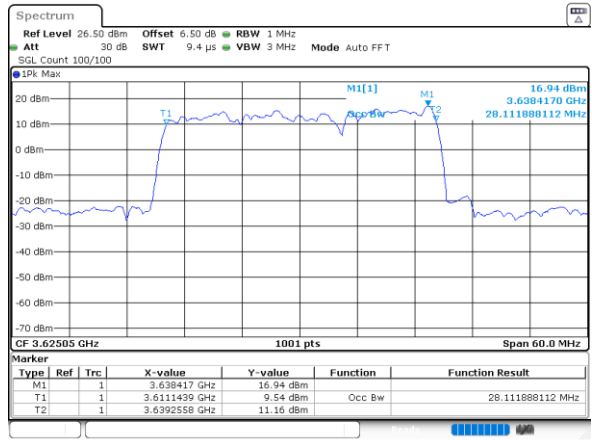
LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK



Date: 28_JAN_2023 11:53:05

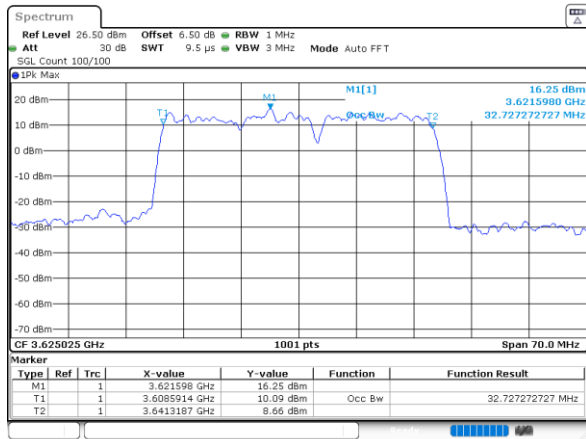
Middle Channel / 20MHz+10MHz/16QAM



Date: 28_JAN_2023 11:53:33

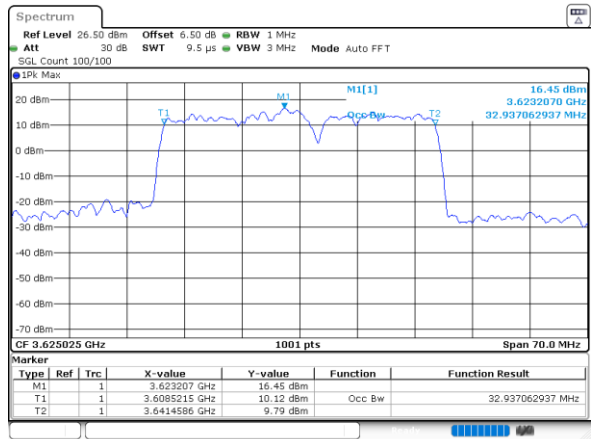
LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK



Date: 28_JAN_2023 11:55:01

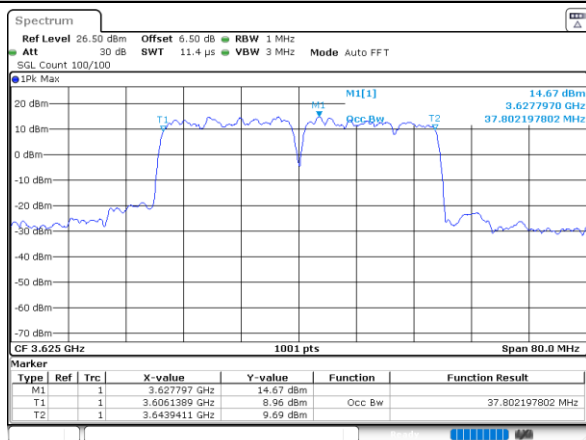
Middle Channel / 20MHz+15MHz/16QAM



Date: 28_JAN_2023 11:55:29

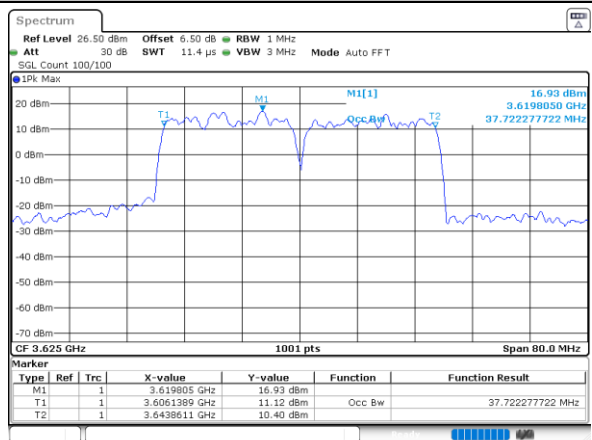
LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Date: 28_JAN_2023 11:56:57

Middle Channel / 20MHz+20MHz/16QAM



Date: 28_JAN_2023 11:57:25

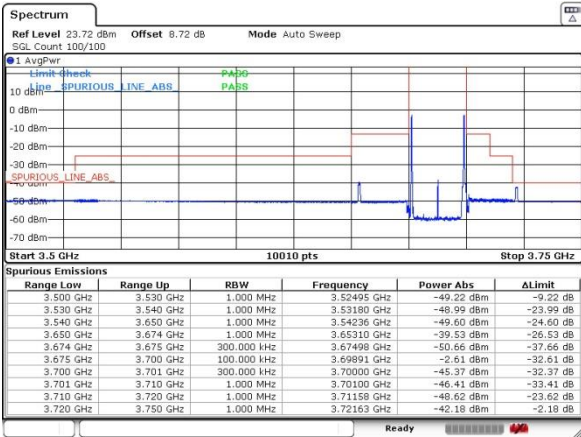


Conducted Band Edge

LTE Band 48C / 5MHz+20MHz

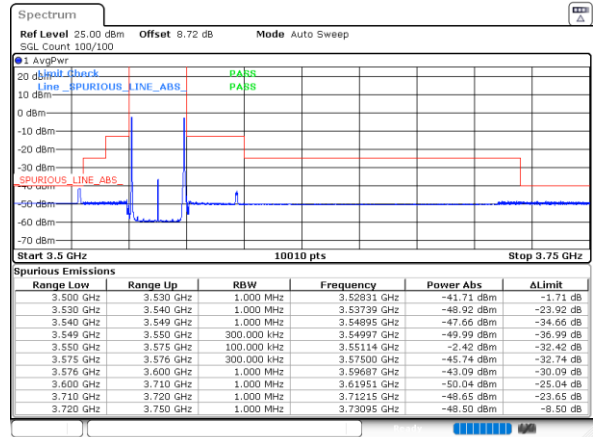
QPSK

Highest Band Edge / 1RB0 and 1RB99



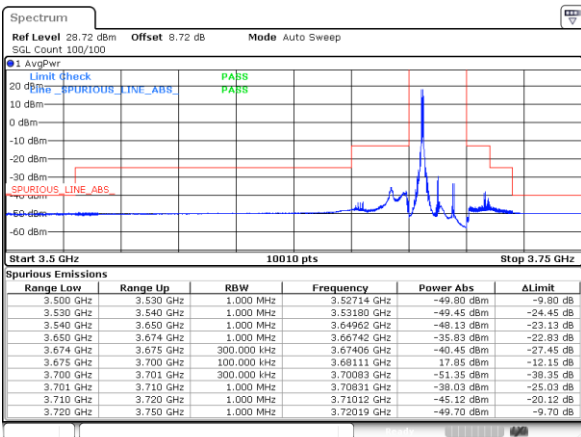
Date: 18 JAN 2023 11:02:25

Lowest Band Edge / 1RB0 and 1RB99



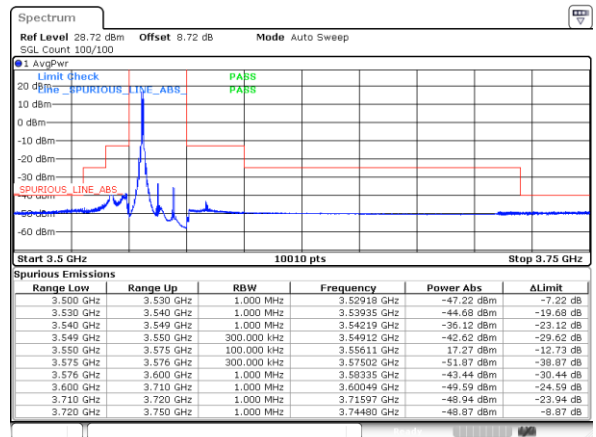
Date: 17 JAN 2023 14:03:22

Highest Band Edge / 1RB24 and 1RB0



Date: 4 JAN 2023 01:36:55

Lowest Band Edge / 1RB24 and 1RB0

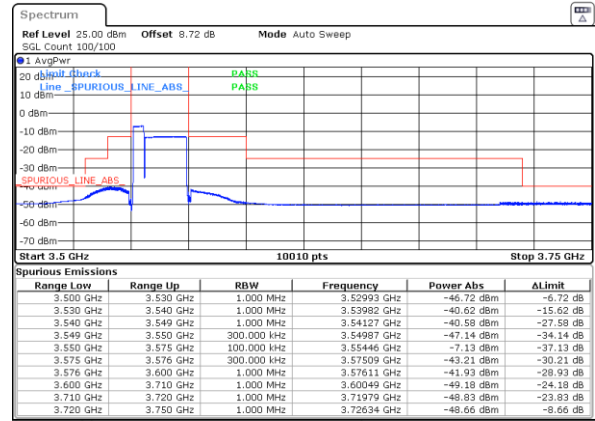
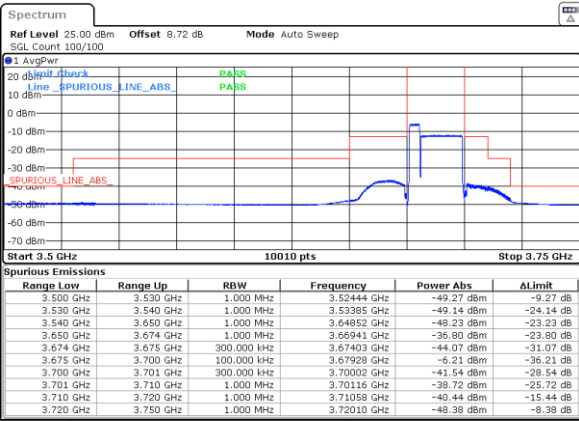


Date: 4 JAN 2023 00:48:07



Highest Band Edge / Full RB

Lowest Band Edge / Full RB



Date: 17_JAN_2023 17:22:37

Date: 17_JAN_2023 17:10:43

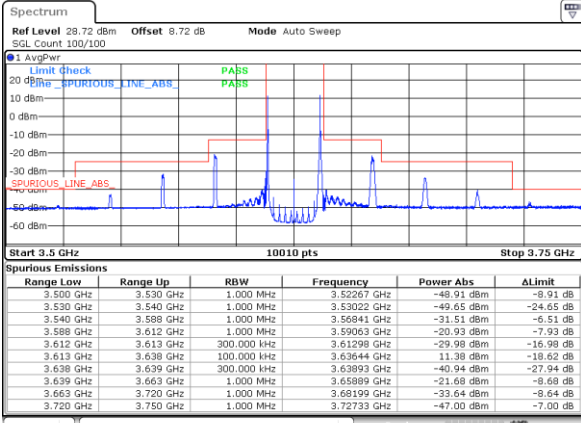


LTE Band 48C / 5MHz+20MHz

QPSK

Middle Band Edge / 1RB0 and 1RB99

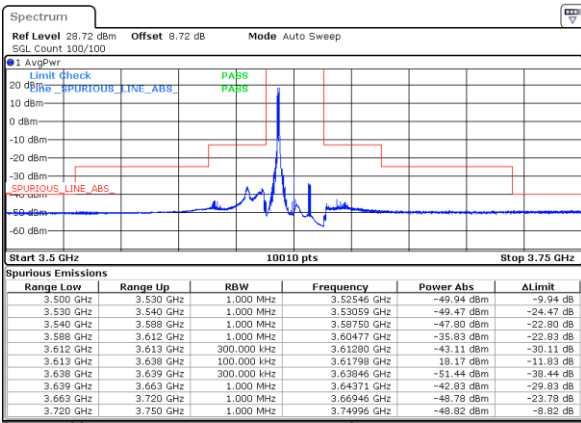
N/A



Date: 4..JAN.2023 01:08:01

Middle Band Edge / 1RB24 and 1RB0

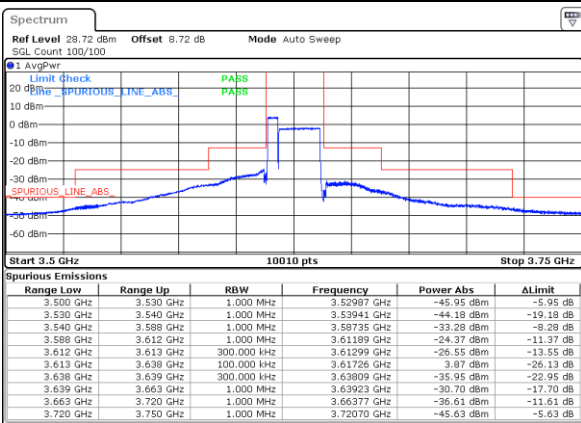
N/A



Date: 4..JAN.2023 01:09:48

Middle Band Edge / Full RB

N/A



Date: 4..JAN.2023 00:55:26

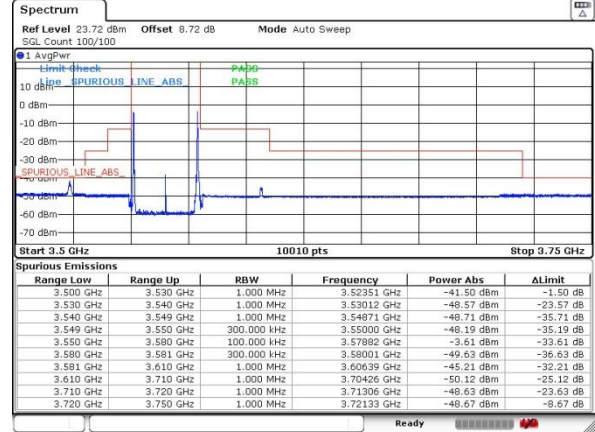
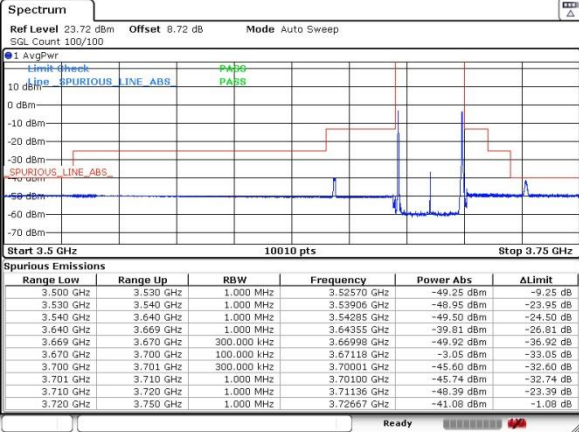


LTE Band 48C / 10MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB99

Lowest Band Edge / 1RB0 and 1RB99

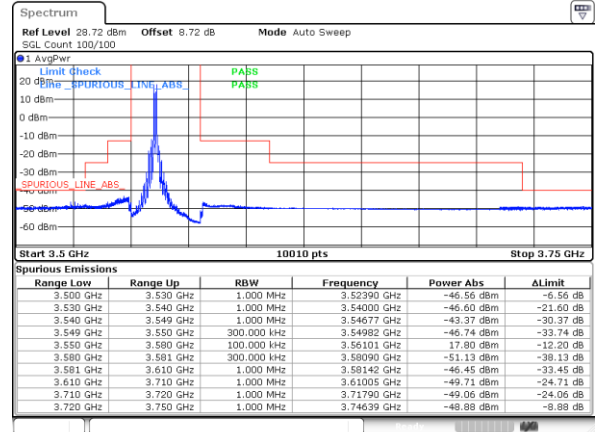
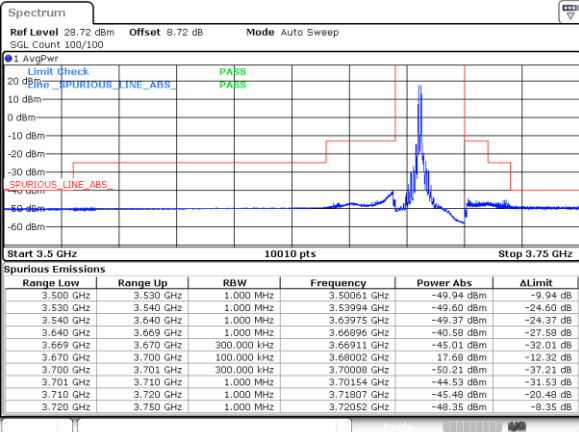


Date: 18 JAN 2023 10:59:23

Date: 18 JAN 2023 10:57:29

Highest Band Edge / 1RB49 and 1RB0

Lowest Band Edge / 1RB49 and 1RB0

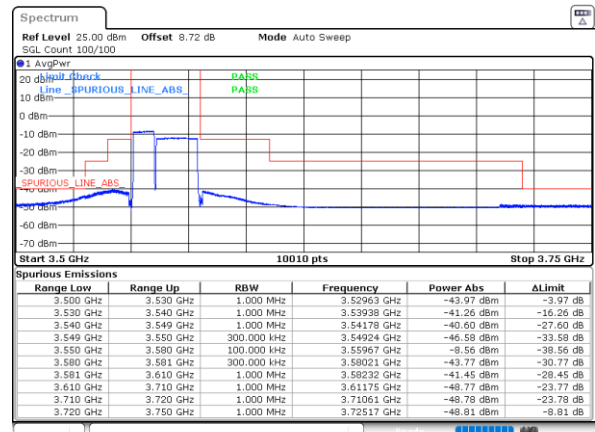
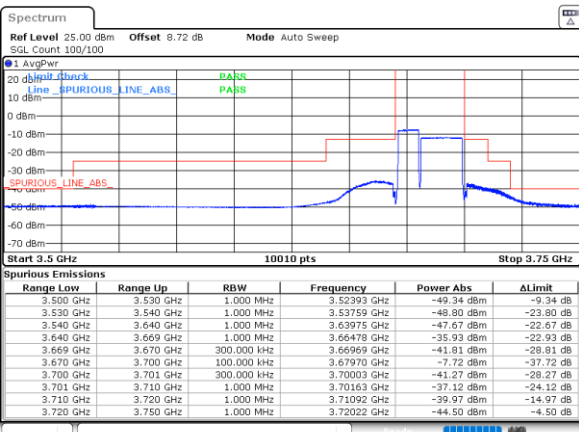


Date: 4 JAN 2023 02:37:56

Date: 4 JAN 2023 01:54:31

Highest Band Edge / Full RB

Lowest Band Edge / Full RB



Date: 17 JAN 2023 18:15:19

Date: 17 JAN 2023 18:03:25

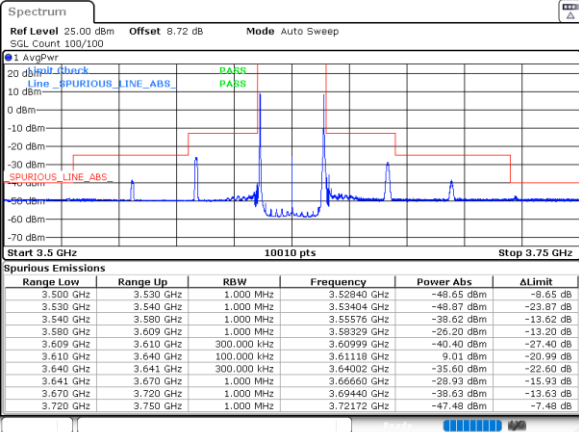


LTE Band 48C / 10MHz+20MHz

QPSK

Middle Band Edge / 1RB0 and 1RB99

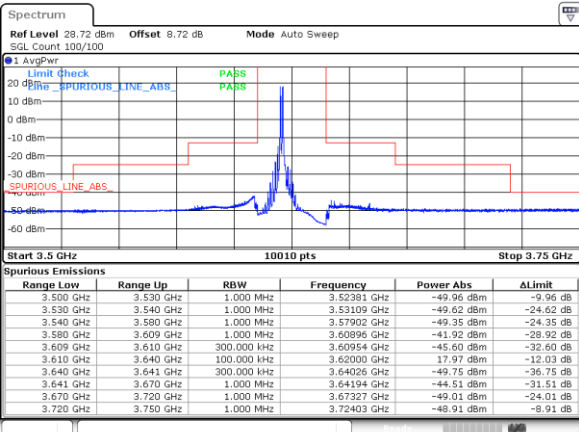
N/A



Date: 28 JAN 2023 10:49:23

Middle Band Edge / 1RB49 and 1RB0

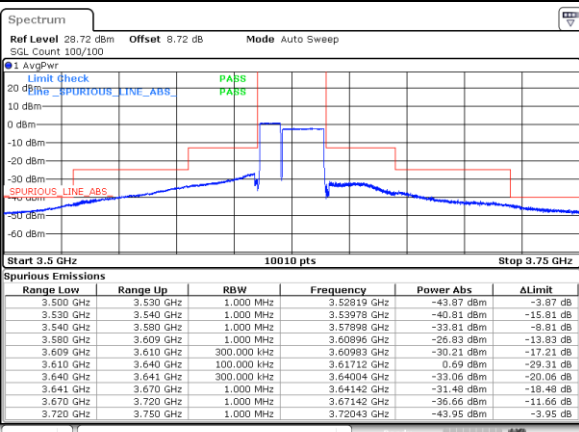
N/A



Date: 4 JAN 2023 02:21:39

Middle Band Edge / Full RB

N/A



Date: 4 JAN 2023 02:07:14