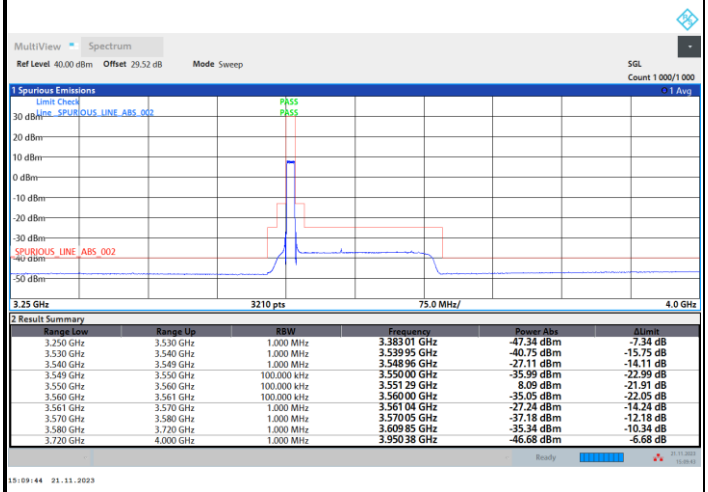
Unwanted Emission (MASK)

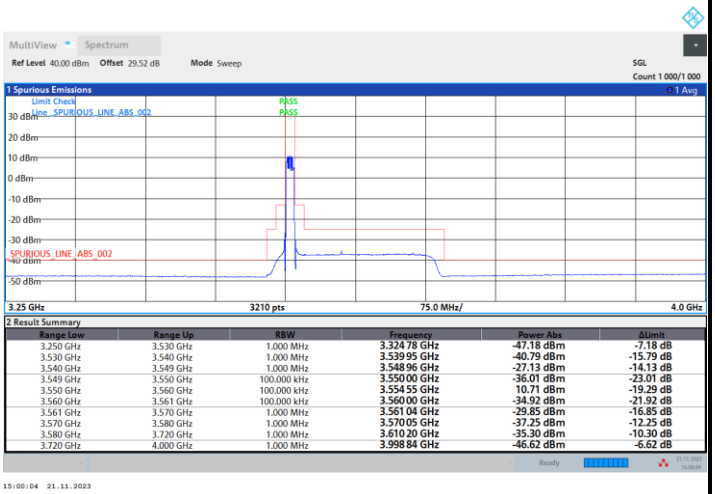
FR1 n48 / 10MHz / Lowest Channel / MASK

QPSK



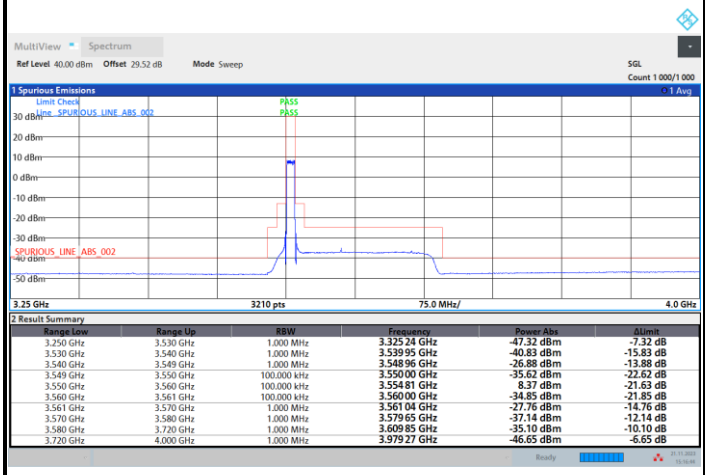
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.34 dBm	-7.34 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-40.75 dBm	-15.75 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.11 dBm	-14.11 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-35.99 dBm	-22.99 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.551 29 GHz	8.09 dBm	-21.91 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-35.05 dBm	-22.05 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-27.24 dBm	-14.24 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 05 GHz	-37.18 dBm	-12.18 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.609 85 GHz	-35.34 dBm	-10.34 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.950 38 GHz	-46.68 dBm	-6.68 dB

16QAM



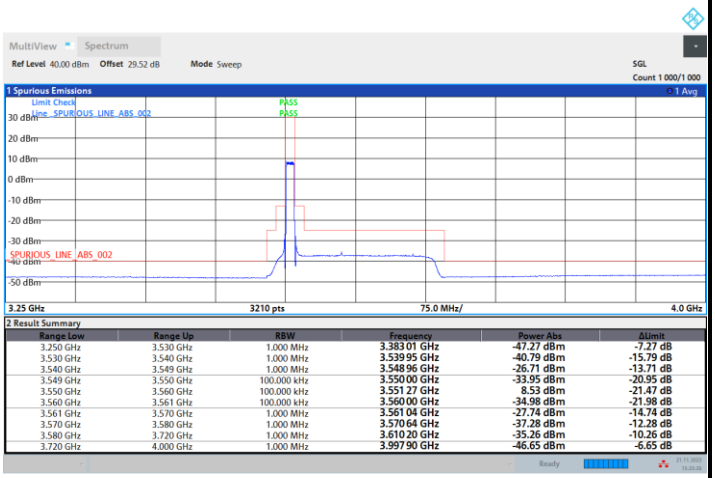
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.18 dBm	-7.18 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-40.79 dBm	-15.79 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.13 dBm	-14.13 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-36.01 dBm	-23.01 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.554 55 GHz	10.71 dBm	-19.29 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-34.92 dBm	-21.92 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-29.85 dBm	-16.85 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 05 GHz	-37.25 dBm	-12.25 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.610 20 GHz	-35.30 dBm	-10.30 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-46.62 dBm	-6.62 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-47.32 dBm	-7.32 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-40.83 dBm	-15.83 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-26.88 dBm	-13.88 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-35.62 dBm	-22.62 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.554 81 GHz	8.37 dBm	-21.63 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-34.85 dBm	-21.85 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-27.76 dBm	-14.76 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.579 65 GHz	-37.14 dBm	-12.14 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.609 85 GHz	-35.10 dBm	-10.10 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.979 27 GHz	-46.65 dBm	-6.65 dB

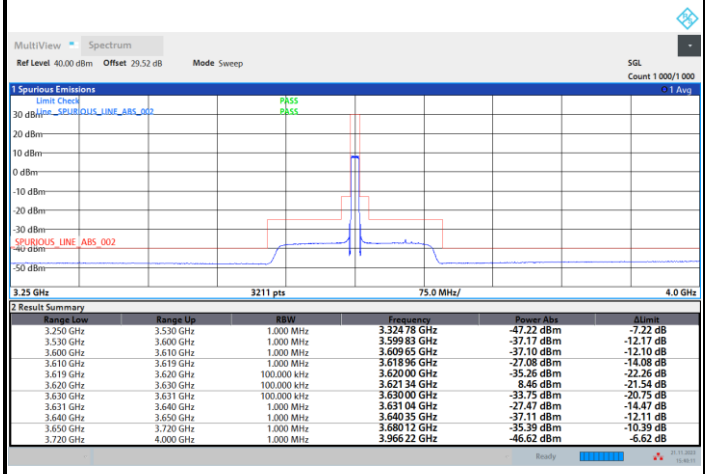
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.27 dBm	-7.27 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-40.79 dBm	-15.79 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-26.71 dBm	-13.71 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-33.95 dBm	-20.95 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.551 27 GHz	8.53 dBm	-21.47 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-34.98 dBm	-21.98 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-27.74 dBm	-14.74 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 64 GHz	-37.28 dBm	-12.28 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.610 20 GHz	-35.26 dBm	-10.26 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.997 90 GHz	-46.65 dBm	-6.65 dB

FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.22 dBm	-7.22 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.599 83 GHz	-37.17 dBm	-12.17 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 65 GHz	-37.10 dBm	-12.10 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-27.08 dBm	-14.08 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-35.26 dBm	-22.26 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.621 34 GHz	8.46 dBm	-21.54 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-33.75 dBm	-20.75 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-27.47 dBm	-14.47 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 35 GHz	-37.11 dBm	-12.11 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.680 12 GHz	-35.39 dBm	-10.39 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.966 22 GHz	-46.62 dBm	-6.62 dB

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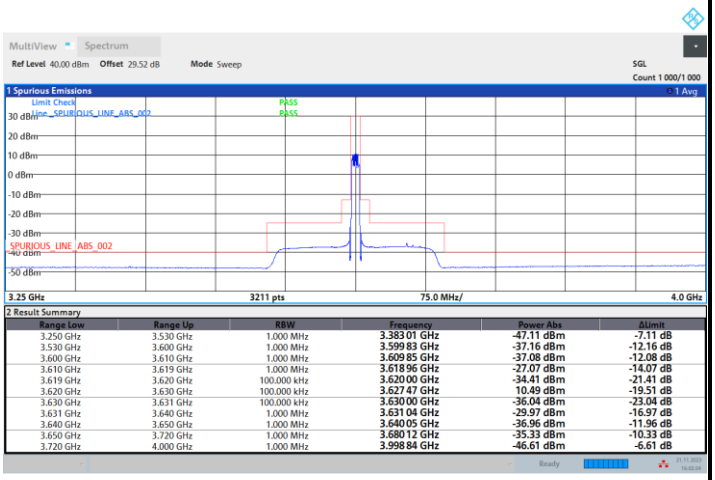
16QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.11 dBm	-7.11 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.599 83 GHz	-37.16 dBm	-12.16 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 85 GHz	-37.08 dBm	-12.08 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-27.07 dBm	-14.07 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-34.41 dBm	-21.41 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.627 47 GHz	10.49 dBm	-19.51 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-36.04 dBm	-23.04 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-29.97 dBm	-16.97 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 05 GHz	-36.96 dBm	-11.96 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.680 12 GHz	-35.33 dBm	-10.33 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-46.61 dBm	-6.61 dB

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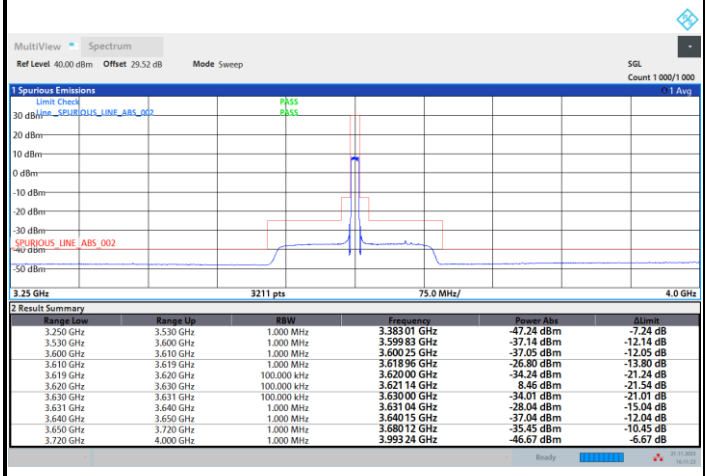
64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.24 dBm	-7.24 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.599 83 GHz	-37.14 dBm	-12.14 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 25 GHz	-37.05 dBm	-12.05 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-26.80 dBm	-13.80 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-34.24 dBm	-21.24 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.621 14 GHz	8.46 dBm	-21.54 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-34.01 dBm	-21.01 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-28.04 dBm	-15.04 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 15 GHz	-37.04 dBm	-12.04 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.680 12 GHz	-35.45 dBm	-10.45 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.993 24 GHz	-46.67 dBm	-6.67 dB

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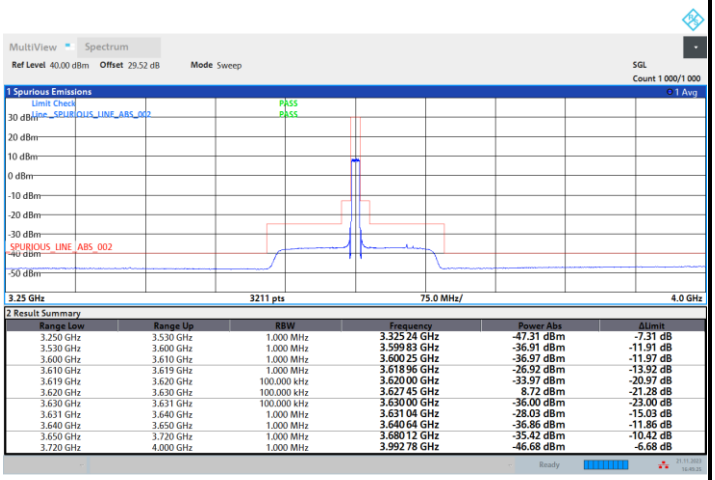
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-47.31 dBm	-7.31 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.599 83 GHz	-36.91 dBm	-11.91 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 25 GHz	-36.97 dBm	-11.97 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-26.92 dBm	-13.92 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-33.97 dBm	-20.97 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.627 45 GHz	8.72 dBm	-21.28 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-36.00 dBm	-23.00 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-28.03 dBm	-15.03 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 64 GHz	-36.86 dBm	-11.86 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.680 12 GHz	-35.42 dBm	-10.42 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.992 78 GHz	-46.68 dBm	-6.68 dB

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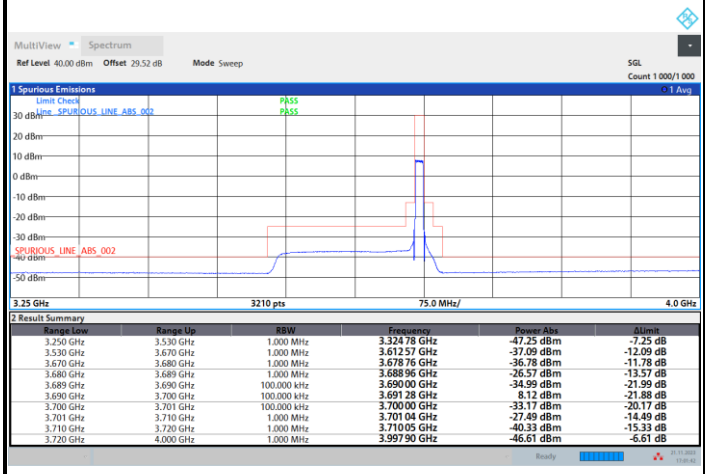
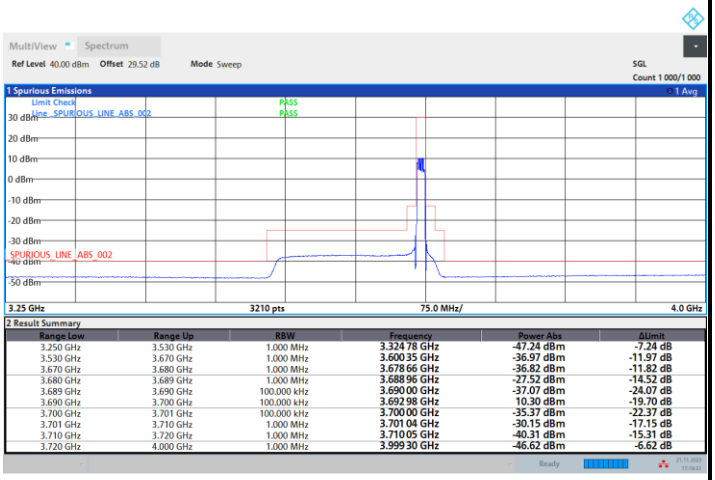
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



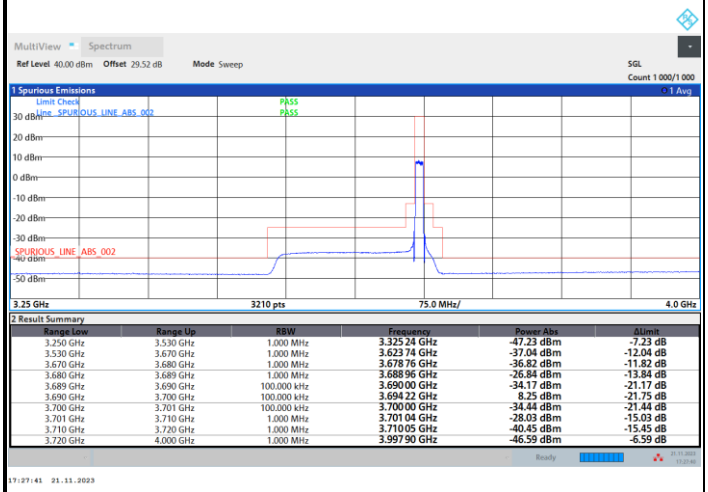
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.25 dBm	-7.25 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.612 57 GHz	-37.09 dBm	-12.09 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.678 76 GHz	-36.78 dBm	-11.78 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-26.57 dBm	-13.57 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-34.99 dBm	-21.99 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.691 28 GHz	8.12 dBm	-21.88 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-33.17 dBm	-20.17 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-27.49 dBm	-14.49 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-40.33 dBm	-15.33 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.997 90 GHz	-46.61 dBm	-6.61 dB

16QAM



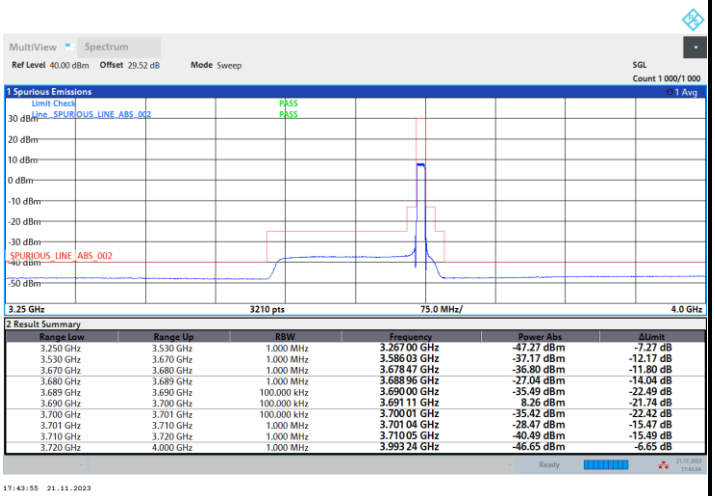
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.24 dBm	-7.24 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.600 35 GHz	-36.97 dBm	-11.97 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.678 66 GHz	-36.82 dBm	-11.82 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-27.52 dBm	-14.52 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-37.07 dBm	-24.07 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.692 98 GHz	10.30 dBm	-19.70 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-35.37 dBm	-22.37 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-30.15 dBm	-17.15 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-40.31 dBm	-15.31 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.999 30 GHz	-46.62 dBm	-6.62 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-47.23 dBm	-7.23 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.623 74 GHz	-37.04 dBm	-12.04 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.678 76 GHz	-36.82 dBm	-11.82 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-26.84 dBm	-13.84 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-34.17 dBm	-21.17 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.694 22 GHz	8.25 dBm	-21.75 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-34.44 dBm	-21.44 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.03 dBm	-15.03 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-40.45 dBm	-15.45 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.997 90 GHz	-46.59 dBm	-6.59 dB

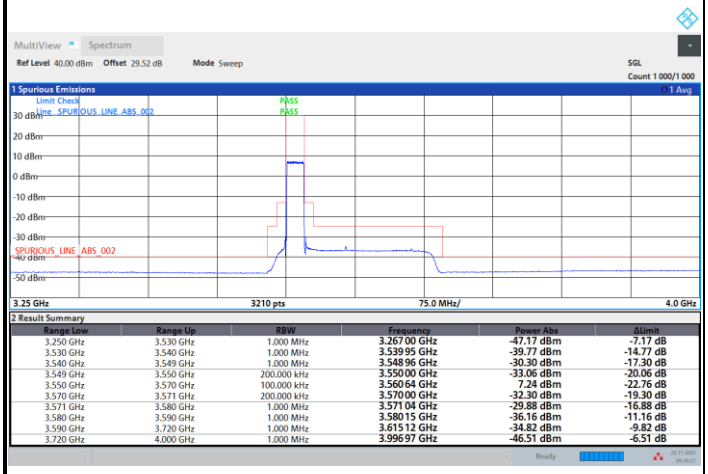
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 00 GHz	-47.27 dBm	-7.27 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.586 03 GHz	-37.17 dBm	-12.17 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.678 47 GHz	-36.80 dBm	-11.80 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-27.04 dBm	-14.04 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-35.49 dBm	-22.49 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.691 11 GHz	8.26 dBm	-21.74 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 01 GHz	-35.42 dBm	-22.42 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.47 dBm	-15.47 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-40.49 dBm	-15.49 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.993 24 GHz	-46.65 dBm	-6.65 dB

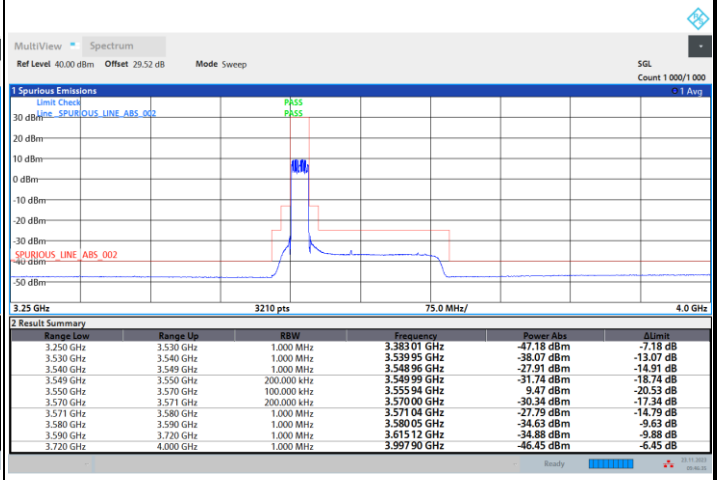
FR1 n48 / 20MHz / Lowest Channel / MASK

QPSK



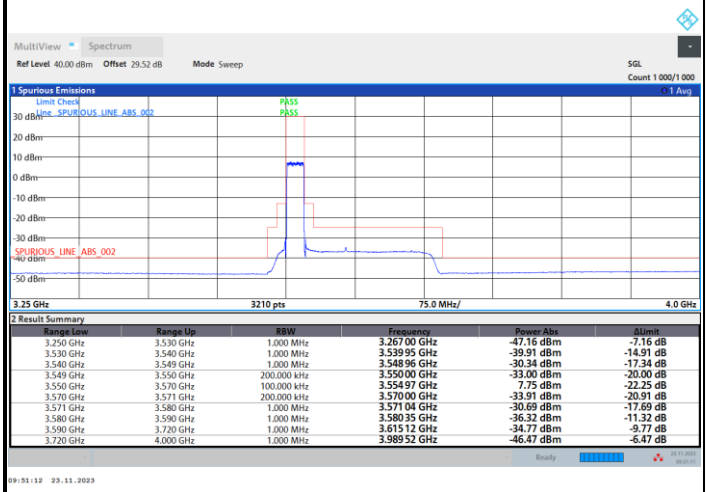
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 00 GHz	-47.17 dBm	-7.17 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-39.77 dBm	-14.77 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-30.30 dBm	-17.30 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-33.06 dBm	-20.06 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.560 64 GHz	7.24 dBm	-22.76 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-32.30 dBm	-19.30 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-29.88 dBm	-16.88 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 15 GHz	-36.16 dBm	-11.16 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-34.82 dBm	-9.82 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.996 97 GHz	-46.51 dBm	-6.51 dB

16QAM



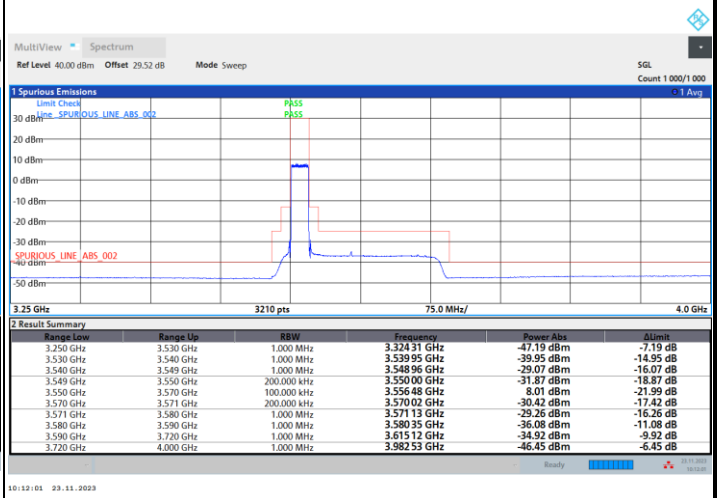
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.18 dBm	-7.18 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-38.07 dBm	-13.07 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.91 dBm	-14.91 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.549 99 GHz	-31.74 dBm	-18.74 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.555 94 GHz	9.47 dBm	-20.53 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-30.34 dBm	-17.34 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-27.79 dBm	-14.79 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 05 GHz	-34.63 dBm	-9.63 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-34.88 dBm	-9.88 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.997 90 GHz	-46.45 dBm	-6.45 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 00 GHz	-47.16 dBm	-7.16 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-39.91 dBm	-14.91 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-30.34 dBm	-17.34 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-33.00 dBm	-20.00 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.554 97 GHz	7.75 dBm	-22.25 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-33.91 dBm	-20.91 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-30.69 dBm	-17.69 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 35 GHz	-36.32 dBm	-11.32 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-34.77 dBm	-9.77 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.989 52 GHz	-46.47 dBm	-6.47 dB

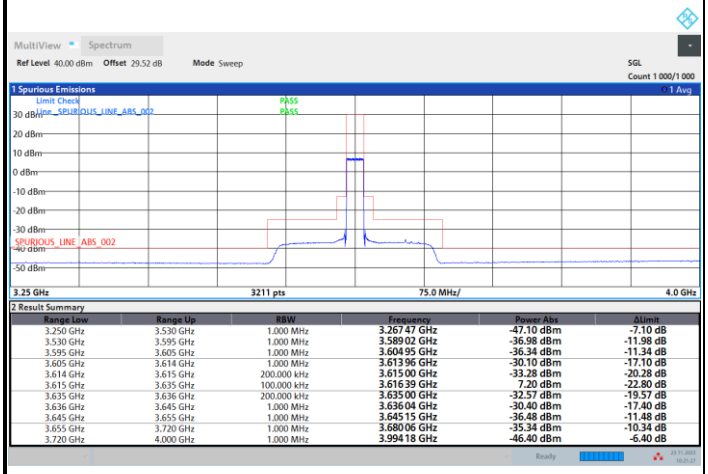
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 31 GHz	-47.19 dBm	-7.19 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-39.95 dBm	-14.95 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-29.07 dBm	-16.07 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-31.87 dBm	-18.87 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.556 48 GHz	8.01 dBm	-21.99 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 02 GHz	-30.42 dBm	-17.42 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 13 GHz	-29.26 dBm	-16.26 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 35 GHz	-36.08 dBm	-11.08 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-34.92 dBm	-9.92 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.982 53 GHz	-46.45 dBm	-6.45 dB

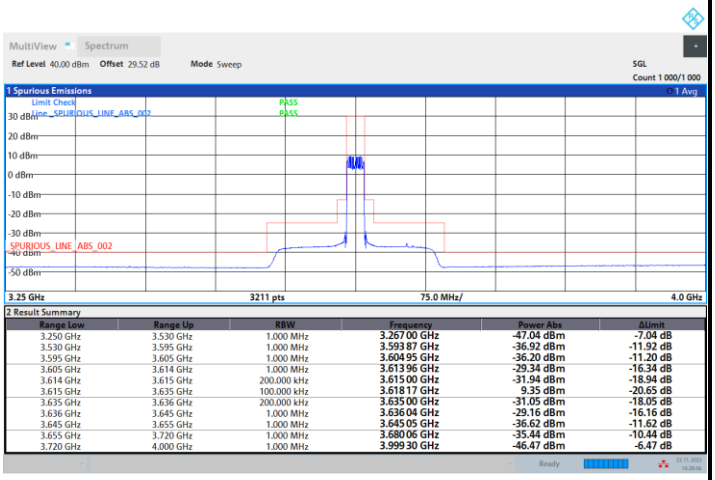
FR1 n48 / 20MHz / Middle Channel / MASK

QPSK



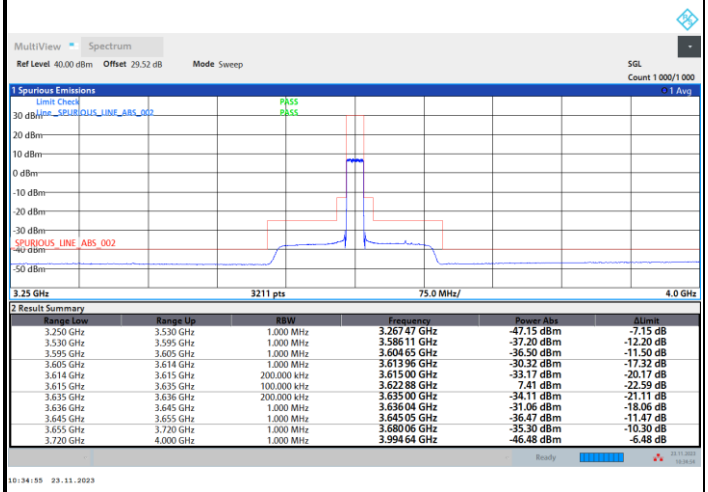
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 47 GHz	-47.10 dBm	-7.10 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.589 02 GHz	-36.98 dBm	-11.98 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 95 GHz	-36.34 dBm	-11.34 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-30.10 dBm	-17.10 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-33.28 dBm	-20.28 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.616 39 GHz	7.20 dBm	-22.80 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-32.57 dBm	-19.57 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-30.40 dBm	-17.40 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 15 GHz	-36.48 dBm	-11.48 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-35.34 dBm	-10.34 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.994 18 GHz	-46.40 dBm	-6.40 dB

16QAM



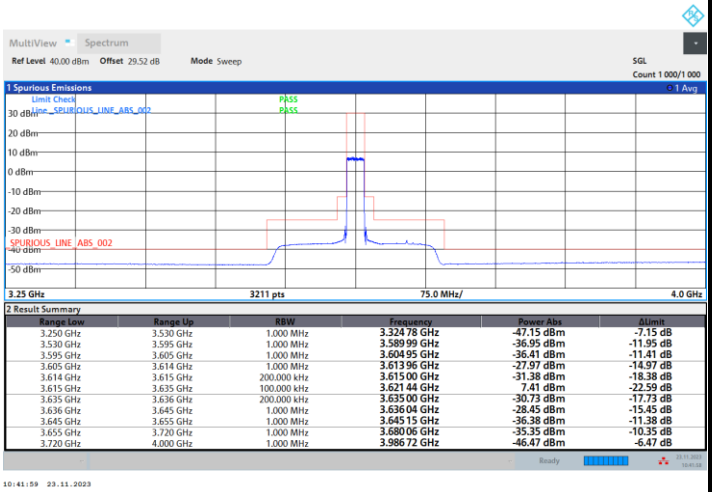
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 00 GHz	-47.04 dBm	-7.04 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.593 87 GHz	-36.92 dBm	-11.92 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 95 GHz	-36.20 dBm	-11.20 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-29.34 dBm	-16.34 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-31.94 dBm	-18.94 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.618 17 GHz	9.35 dBm	-20.65 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-31.05 dBm	-18.05 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-29.16 dBm	-16.16 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 05 GHz	-36.62 dBm	-11.62 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-35.44 dBm	-10.44 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.999 30 GHz	-46.47 dBm	-6.47 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 47 GHz	-47.15 dBm	-7.15 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.586 11 GHz	-37.20 dBm	-12.20 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 65 GHz	-36.50 dBm	-11.50 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-30.32 dBm	-17.32 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-33.17 dBm	-20.17 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.622 88 GHz	7.41 dBm	-22.59 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-34.11 dBm	-21.11 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-31.06 dBm	-18.06 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 05 GHz	-36.47 dBm	-11.47 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-35.30 dBm	-10.30 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.994 64 GHz	-46.48 dBm	-6.48 dB

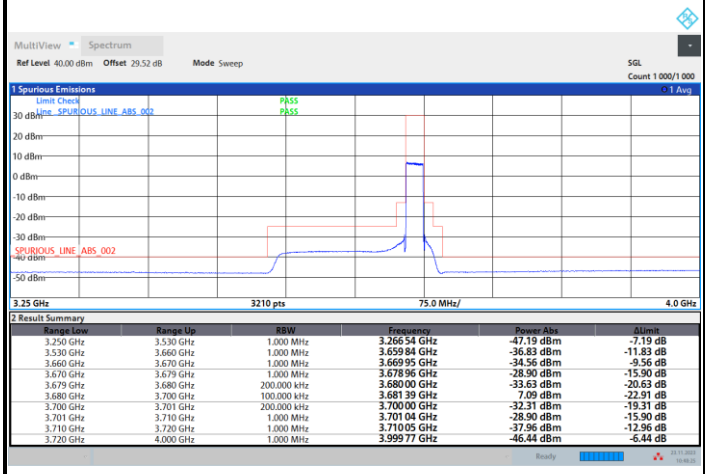
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.15 dBm	-7.15 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.589 99 GHz	-36.95 dBm	-11.95 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 95 GHz	-36.41 dBm	-11.41 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-27.97 dBm	-14.97 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-31.38 dBm	-18.38 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.621 44 GHz	7.41 dBm	-22.59 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-30.73 dBm	-17.73 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-28.45 dBm	-15.45 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 15 GHz	-36.38 dBm	-11.38 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-35.35 dBm	-10.35 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.986 72 GHz	-46.47 dBm	-6.47 dB

FR1 n48 / 20MHz / Highest Channel / MASK

QPSK



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.266 54 GHz	-47.19 dBm	-7.19 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.659 84 GHz	-36.83 dBm	-11.83 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 95 GHz	-34.56 dBm	-9.56 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-28.90 dBm	-15.90 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-33.63 dBm	-20.63 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.681 39 GHz	7.09 dBm	-22.91 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-32.31 dBm	-19.31 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.90 dBm	-15.90 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-37.96 dBm	-12.96 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.999 77 GHz	-46.44 dBm	-6.44 dB

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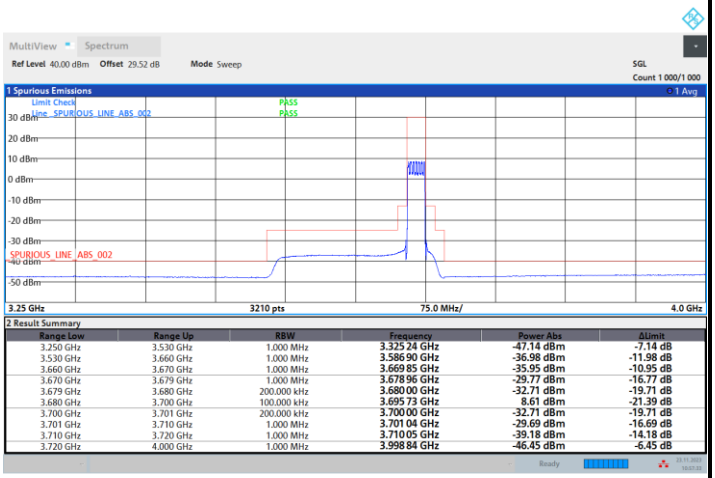
16QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-47.14 dBm	-7.14 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.586 90 GHz	-36.98 dBm	-11.98 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 85 GHz	-35.95 dBm	-10.95 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-29.77 dBm	-16.77 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-32.71 dBm	-19.71 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.695 73 GHz	8.61 dBm	-21.39 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-32.71 dBm	-19.71 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-29.69 dBm	-16.69 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-39.18 dBm	-14.18 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-46.45 dBm	-6.45 dB

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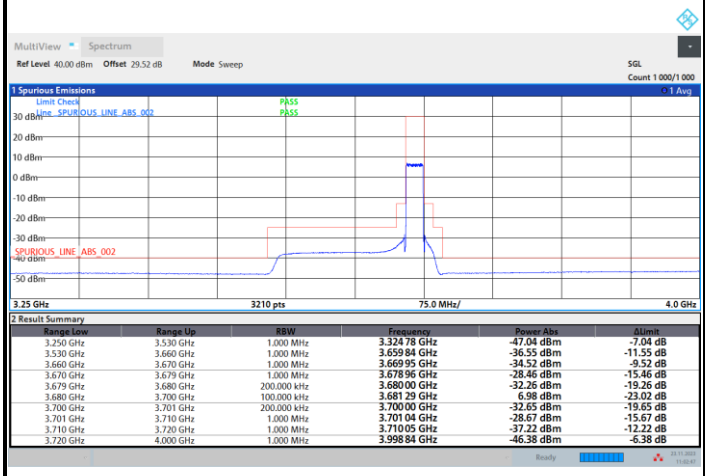
64QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.04 dBm	-7.04 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.659 84 GHz	-36.55 dBm	-11.55 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 95 GHz	-34.52 dBm	-9.52 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-28.46 dBm	-15.46 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-32.26 dBm	-19.26 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.681 29 GHz	6.98 dBm	-23.02 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-32.65 dBm	-19.65 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.67 dBm	-15.67 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-37.22 dBm	-12.22 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-46.38 dBm	-6.38 dB

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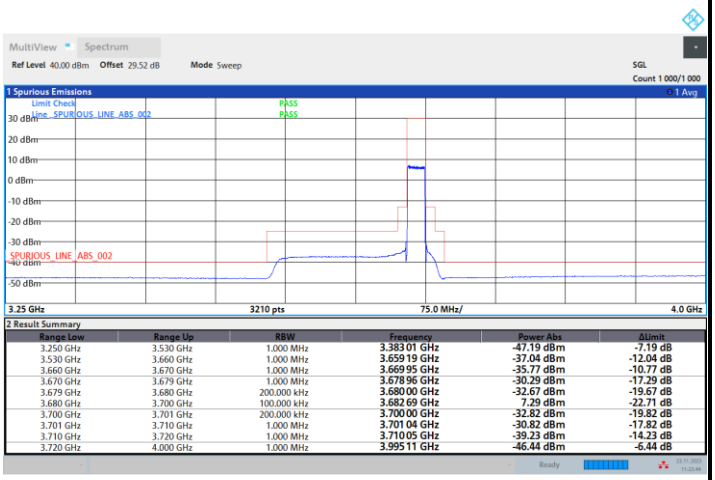
256QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.19 dBm	-7.19 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.659 19 GHz	-37.04 dBm	-12.04 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 95 GHz	-35.77 dBm	-10.77 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-30.29 dBm	-17.29 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-32.67 dBm	-19.67 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.682 69 GHz	7.29 dBm	-22.71 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-32.82 dBm	-19.82 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-30.82 dBm	-17.82 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-39.23 dBm	-14.23 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.995 11 GHz	-46.44 dBm	-6.44 dB

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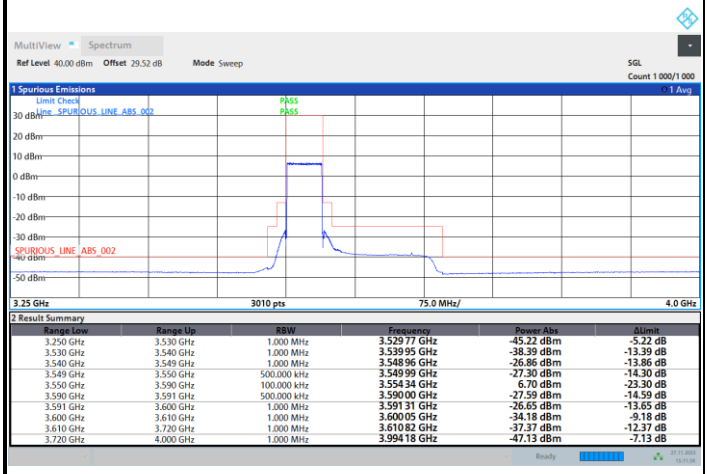
FR1 n48 / 40MHz / Lowest Channel / MASK

QPSK



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.529 77 GHz	-45.22 dBm	-5.22 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-38.39 dBm	-13.39 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-26.86 dBm	-13.86 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.549 99 GHz	-27.30 dBm	-14.30 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.554 34 GHz	6.70 dBm	-23.30 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.590 00 GHz	-27.59 dBm	-14.59 dB
3.591 GHz	3.600 GHz	1.000 MHz	3.591 31 GHz	-26.65 dBm	-13.65 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 05 GHz	-34.18 dBm	-9.18 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.610 82 GHz	-37.37 dBm	-12.37 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.994 18 GHz	-47.13 dBm	-7.13 dB

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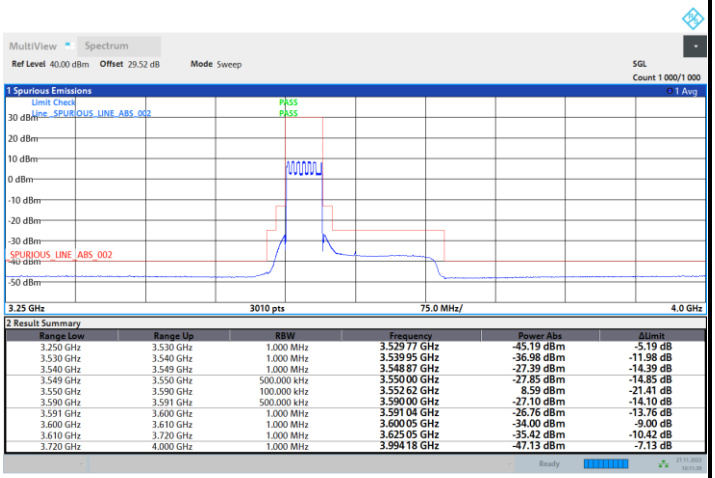
16QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.529 77 GHz	-45.19 dBm	-5.19 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-36.98 dBm	-11.98 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 87 GHz	-27.39 dBm	-14.39 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.550 00 GHz	-27.85 dBm	-14.85 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.552 62 GHz	8.59 dBm	-21.41 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.590 00 GHz	-27.10 dBm	-14.10 dB
3.591 GHz	3.600 GHz	1.000 MHz	3.591 04 GHz	-26.76 dBm	-13.76 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 05 GHz	-34.00 dBm	-9.00 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.625 05 GHz	-35.42 dBm	-10.42 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.994 18 GHz	-47.13 dBm	-7.13 dB

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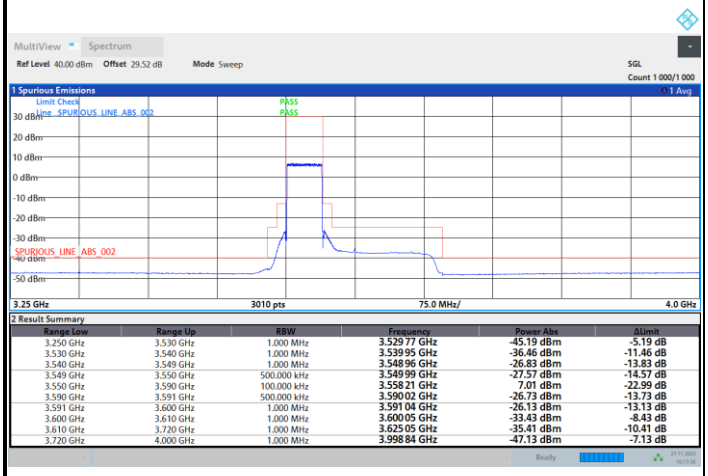
64QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.529 77 GHz	-45.19 dBm	-5.19 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-36.46 dBm	-11.46 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-26.83 dBm	-13.83 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.549 99 GHz	-27.57 dBm	-14.57 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.558 21 GHz	7.01 dBm	-22.99 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.590 02 GHz	-26.73 dBm	-13.73 dB
3.591 GHz	3.600 GHz	1.000 MHz	3.591 04 GHz	-26.13 dBm	-13.13 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 05 GHz	-33.43 dBm	-8.43 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.625 05 GHz	-35.41 dBm	-10.41 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-47.13 dBm	-7.13 dB

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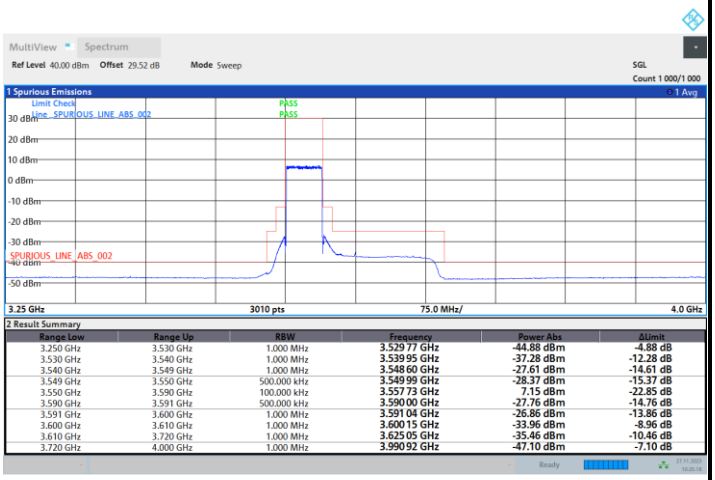
256QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.529 77 GHz	-44.88 dBm	-4.88 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-37.28 dBm	-12.28 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 60 GHz	-27.61 dBm	-14.61 dB
3.549 GHz	3.550 GHz	500.000 kHz	3.549 99 GHz	-28.37 dBm	-15.37 dB
3.550 GHz	3.590 GHz	100.000 kHz	3.557 73 GHz	7.15 dBm	-22.85 dB
3.590 GHz	3.591 GHz	500.000 kHz	3.590 00 GHz	-27.76 dBm	-14.76 dB
3.591 GHz	3.600 GHz	1.000 MHz	3.591 04 GHz	-26.86 dBm	-13.86 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 15 GHz	-33.96 dBm	-8.96 dB
3.610 GHz	3.720 GHz	1.000 MHz	3.625 05 GHz	-35.46 dBm	-10.46 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.990 92 GHz	-47.10 dBm	-7.10 dB

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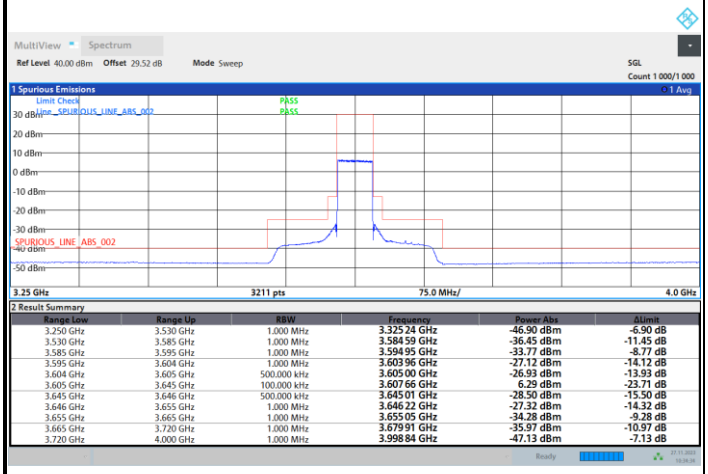
FR1 n48 / 40MHz / Middle Channel / MASK

QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-46.90 dBm	-6.90 dB
3.530 GHz	3.585 GHz	1.000 MHz	3.584 59 GHz	-36.45 dBm	-11.45 dB
3.585 GHz	3.595 GHz	1.000 MHz	3.594 95 GHz	-33.77 dBm	-8.77 dB
3.595 GHz	3.604 GHz	1.000 MHz	3.603 96 GHz	-27.12 dBm	-14.12 dB
3.604 GHz	3.605 GHz	500.000 kHz	3.605 00 GHz	-26.93 dBm	-13.93 dB
3.605 GHz	3.645 GHz	100.000 kHz	3.607 66 GHz	6.29 dBm	-23.71 dB
3.645 GHz	3.646 GHz	500.000 kHz	3.645 01 GHz	-28.50 dBm	-15.50 dB
3.646 GHz	3.655 GHz	1.000 MHz	3.646 22 GHz	-27.32 dBm	-14.32 dB
3.655 GHz	3.665 GHz	1.000 MHz	3.655 05 GHz	-34.28 dBm	-9.28 dB
3.665 GHz	3.720 GHz	1.000 MHz	3.679 91 GHz	-35.97 dBm	-10.97 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-47.13 dBm	-7.13 dB

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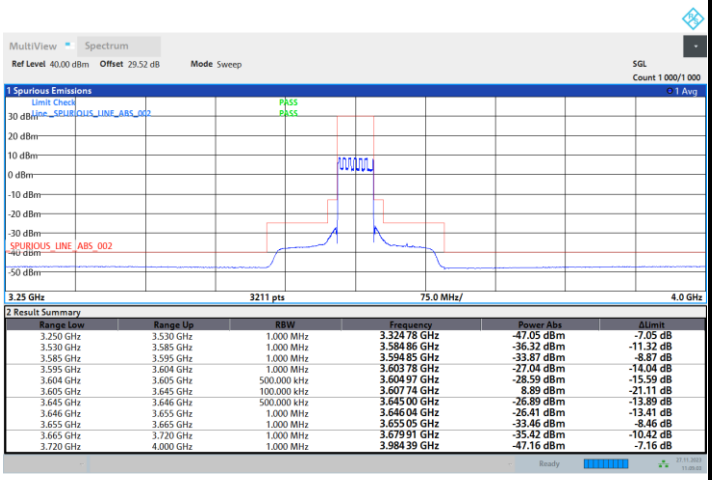
16QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.05 dBm	-7.05 dB
3.530 GHz	3.585 GHz	1.000 MHz	3.584 86 GHz	-36.32 dBm	-11.32 dB
3.585 GHz	3.595 GHz	1.000 MHz	3.594 85 GHz	-33.87 dBm	-8.87 dB
3.595 GHz	3.604 GHz	1.000 MHz	3.603 78 GHz	-27.04 dBm	-14.04 dB
3.604 GHz	3.605 GHz	500.000 kHz	3.604 97 GHz	-28.59 dBm	-15.59 dB
3.605 GHz	3.645 GHz	100.000 kHz	3.607 74 GHz	8.89 dBm	-21.11 dB
3.645 GHz	3.646 GHz	500.000 kHz	3.645 00 GHz	-26.89 dBm	-13.89 dB
3.646 GHz	3.655 GHz	1.000 MHz	3.646 04 GHz	-26.41 dBm	-13.41 dB
3.655 GHz	3.665 GHz	1.000 MHz	3.655 05 GHz	-33.46 dBm	-8.46 dB
3.665 GHz	3.720 GHz	1.000 MHz	3.679 91 GHz	-35.42 dBm	-10.42 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.984 39 GHz	-47.16 dBm	-7.16 dB

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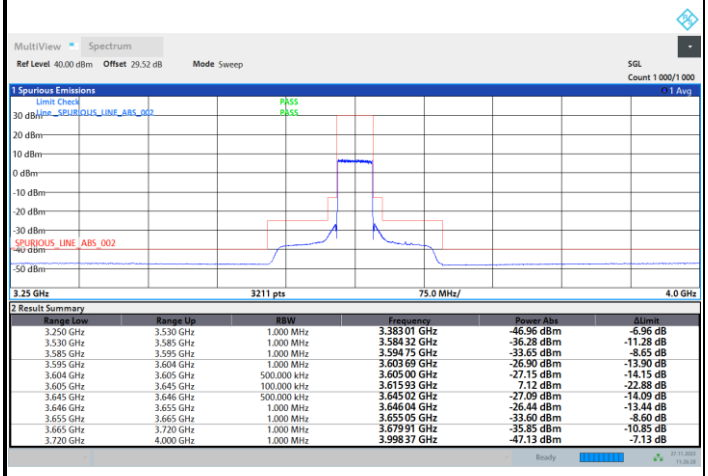
64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-46.96 dBm	-6.96 dB
3.530 GHz	3.585 GHz	1.000 MHz	3.584 32 GHz	-36.28 dBm	-11.28 dB
3.585 GHz	3.595 GHz	1.000 MHz	3.594 75 GHz	-33.65 dBm	-8.65 dB
3.595 GHz	3.604 GHz	1.000 MHz	3.603 69 GHz	-26.90 dBm	-13.90 dB
3.604 GHz	3.605 GHz	500.000 kHz	3.605 00 GHz	-27.15 dBm	-14.15 dB
3.605 GHz	3.645 GHz	100.000 kHz	3.615 93 GHz	7.12 dBm	-22.88 dB
3.645 GHz	3.646 GHz	500.000 kHz	3.645 02 GHz	-27.09 dBm	-14.09 dB
3.646 GHz	3.655 GHz	1.000 MHz	3.646 04 GHz	-26.44 dBm	-13.44 dB
3.655 GHz	3.665 GHz	1.000 MHz	3.655 05 GHz	-33.60 dBm	-8.60 dB
3.665 GHz	3.720 GHz	1.000 MHz	3.679 91 GHz	-35.85 dBm	-10.85 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 37 GHz	-47.13 dBm	-7.13 dB

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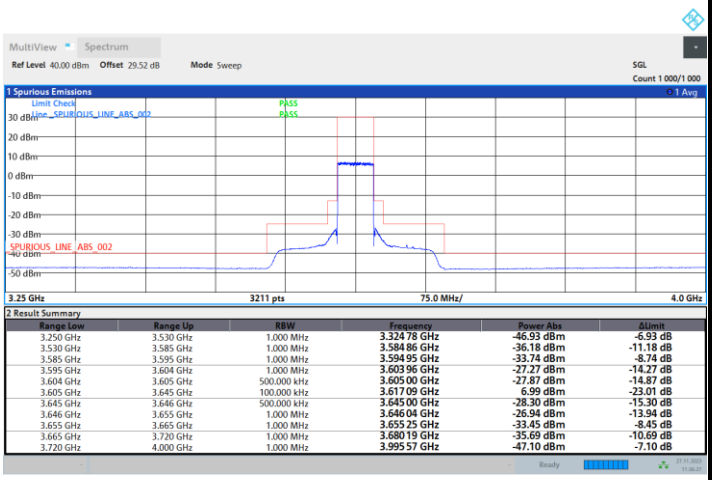
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-46.93 dBm	-6.93 dB
3.530 GHz	3.585 GHz	1.000 MHz	3.584 86 GHz	-36.18 dBm	-11.18 dB
3.585 GHz	3.595 GHz	1.000 MHz	3.594 95 GHz	-33.74 dBm	-8.74 dB
3.595 GHz	3.604 GHz	1.000 MHz	3.603 96 GHz	-27.27 dBm	-14.27 dB
3.604 GHz	3.605 GHz	500.000 kHz	3.605 00 GHz	-27.87 dBm	-14.87 dB
3.605 GHz	3.645 GHz	100.000 kHz	3.617 09 GHz	6.99 dBm	-23.01 dB
3.645 GHz	3.646 GHz	500.000 kHz	3.645 00 GHz	-28.30 dBm	-15.30 dB
3.646 GHz	3.655 GHz	1.000 MHz	3.646 04 GHz	-26.94 dBm	-13.94 dB
3.655 GHz	3.665 GHz	1.000 MHz	3.655 25 GHz	-33.45 dBm	-8.45 dB
3.665 GHz	3.720 GHz	1.000 MHz	3.680 19 GHz	-35.69 dBm	-10.69 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.995 57 GHz	-47.10 dBm	-7.10 dB

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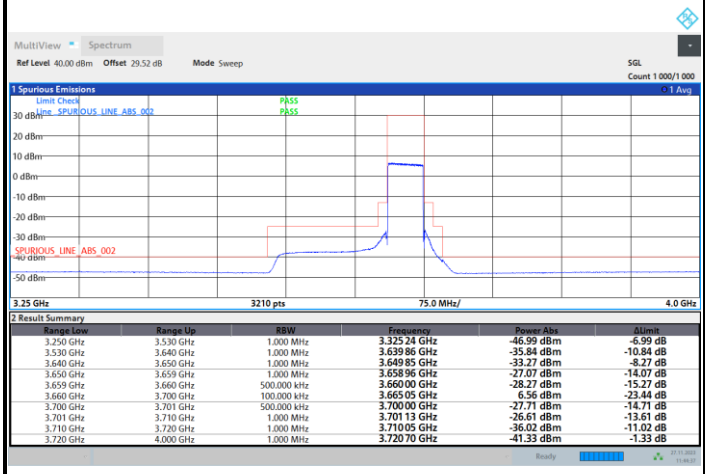
FR1 n48 / 40MHz / Highest Channel / MASK

QPSK



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-46.99 dBm	-6.99 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.639 86 GHz	-35.84 dBm	-10.84 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.649 85 GHz	-33.27 dBm	-8.27 dB
3.650 GHz	3.659 GHz	1.000 MHz	3.658 96 GHz	-27.07 dBm	-14.07 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.660 00 GHz	-28.27 dBm	-15.27 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.665 05 GHz	6.56 dBm	-23.44 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 00 GHz	-27.71 dBm	-14.71 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 13 GHz	-26.61 dBm	-13.61 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-36.02 dBm	-11.02 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.720 70 GHz	-41.33 dBm	-1.33 dB

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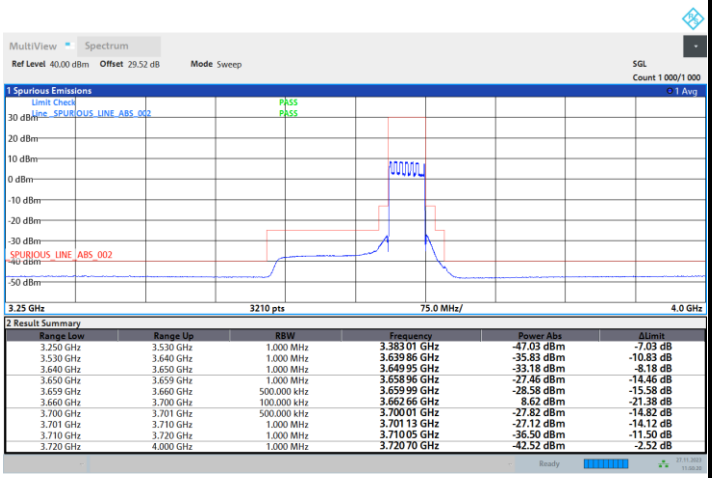
16QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.03 dBm	-7.03 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.639 86 GHz	-35.83 dBm	-10.83 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.649 95 GHz	-33.18 dBm	-8.18 dB
3.650 GHz	3.659 GHz	1.000 MHz	3.658 96 GHz	-27.46 dBm	-14.46 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.659 99 GHz	-28.58 dBm	-15.58 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.662 66 GHz	8.62 dBm	-21.38 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 01 GHz	-27.82 dBm	-14.82 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 13 GHz	-27.12 dBm	-14.12 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-36.50 dBm	-11.50 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.720 70 GHz	-42.52 dBm	-2.52 dB

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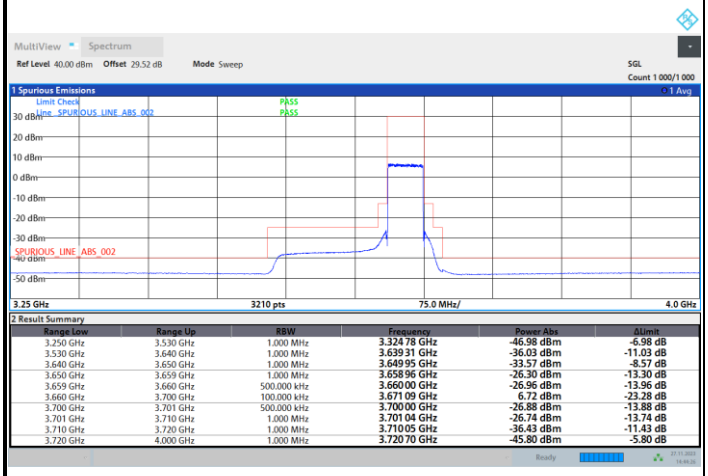
64QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-46.98 dBm	-6.98 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.639 31 GHz	-36.03 dBm	-11.03 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.649 95 GHz	-33.57 dBm	-8.57 dB
3.650 GHz	3.659 GHz	1.000 MHz	3.658 96 GHz	-26.30 dBm	-13.30 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.660 00 GHz	-26.96 dBm	-13.96 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.671 09 GHz	6.72 dBm	-23.28 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 00 GHz	-26.88 dBm	-13.88 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-26.74 dBm	-13.74 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-36.43 dBm	-11.43 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.720 70 GHz	-45.80 dBm	-5.80 dB

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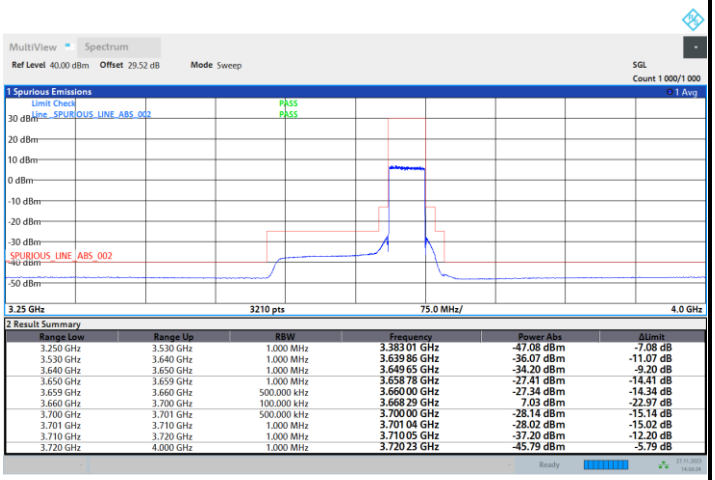
256QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.08 dBm	-7.08 dB
3.530 GHz	3.640 GHz	1.000 MHz	3.639 86 GHz	-36.07 dBm	-11.07 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.649 65 GHz	-34.20 dBm	-9.20 dB
3.650 GHz	3.659 GHz	1.000 MHz	3.658 78 GHz	-27.41 dBm	-14.41 dB
3.659 GHz	3.660 GHz	500.000 kHz	3.660 00 GHz	-27.34 dBm	-14.34 dB
3.660 GHz	3.700 GHz	100.000 kHz	3.668 29 GHz	7.03 dBm	-22.97 dB
3.700 GHz	3.701 GHz	500.000 kHz	3.700 00 GHz	-28.14 dBm	-15.14 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.02 dBm	-15.02 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-37.20 dBm	-12.20 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.720 23 GHz	-45.79 dBm	-5.79 dB

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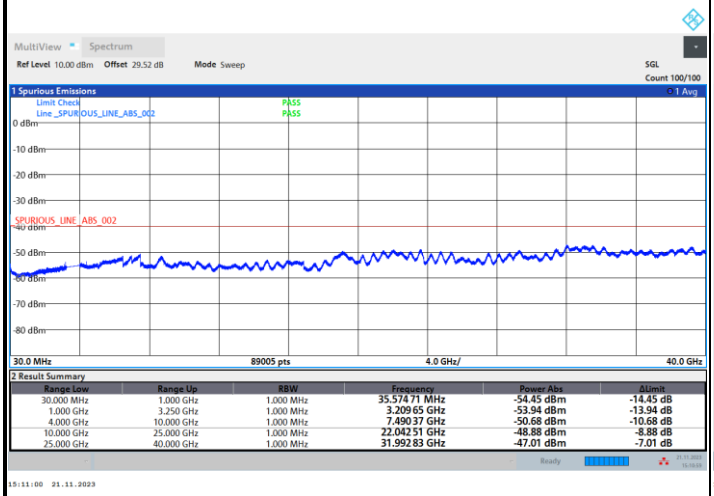
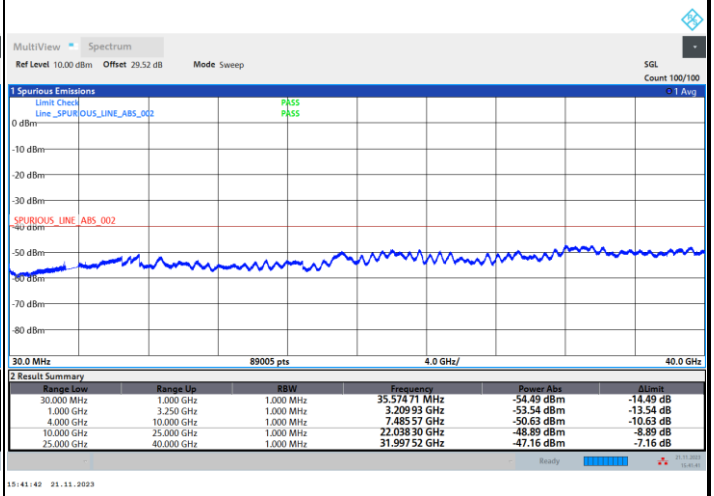
Conducted Spurious Emission

FR1 n48 / 10MHz / QPSK / CSE

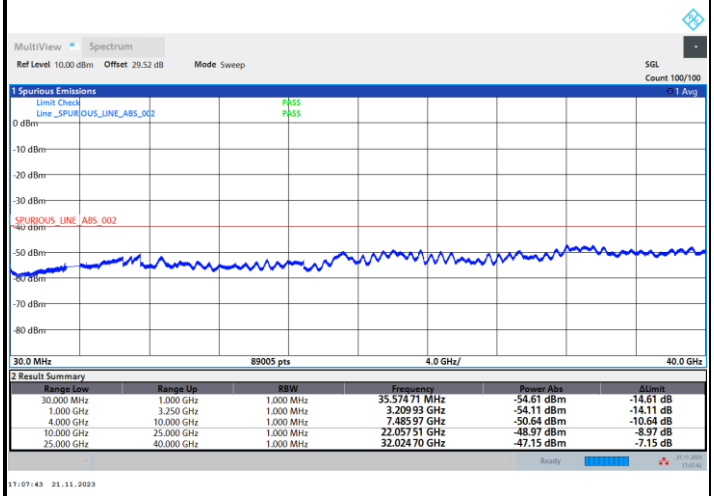
Lowest Channel



Middle Channel

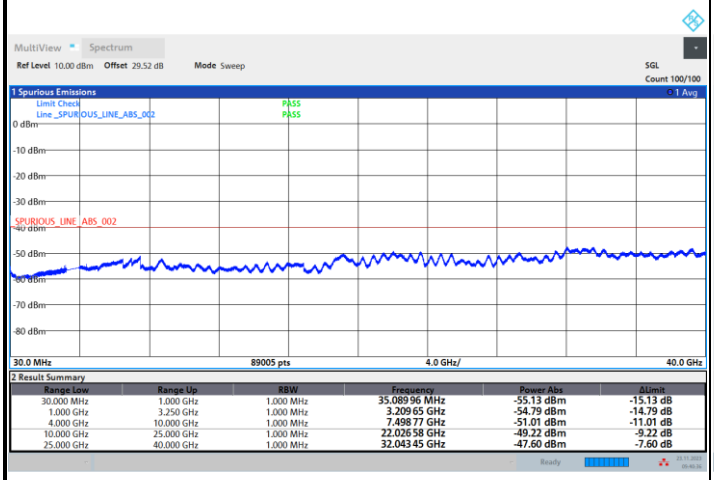


Highest Channel

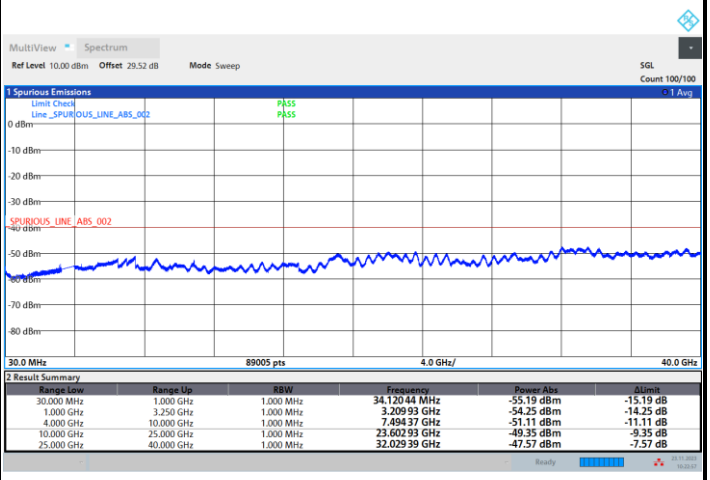


FR1 n48 / 20MHz / QPSK / CSE

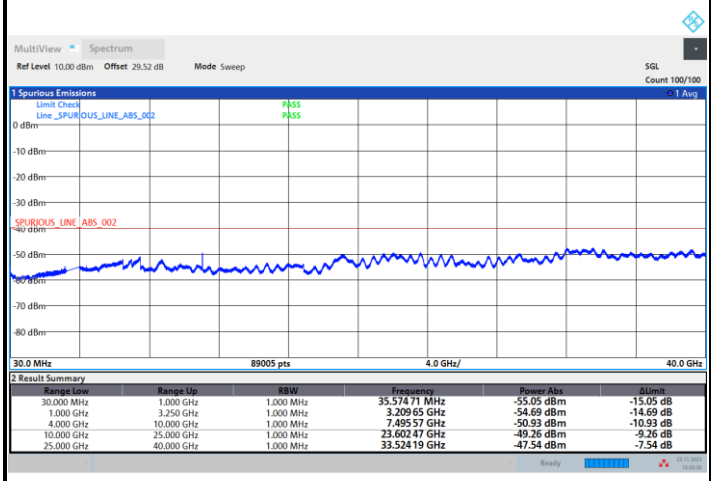
Lowest Channel



Middle Channel

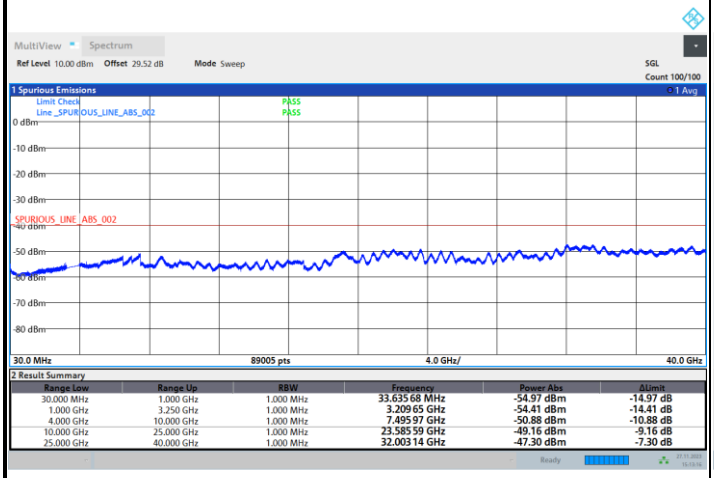


Highest Channel

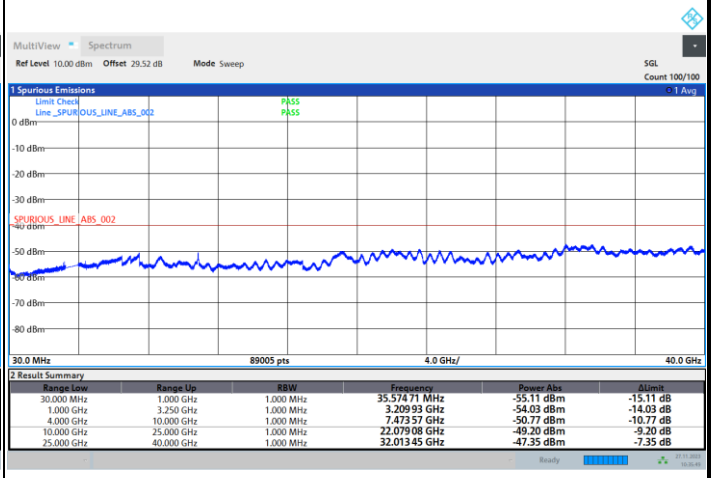


FR1 n48 / 40MHz / QPSK / CSE

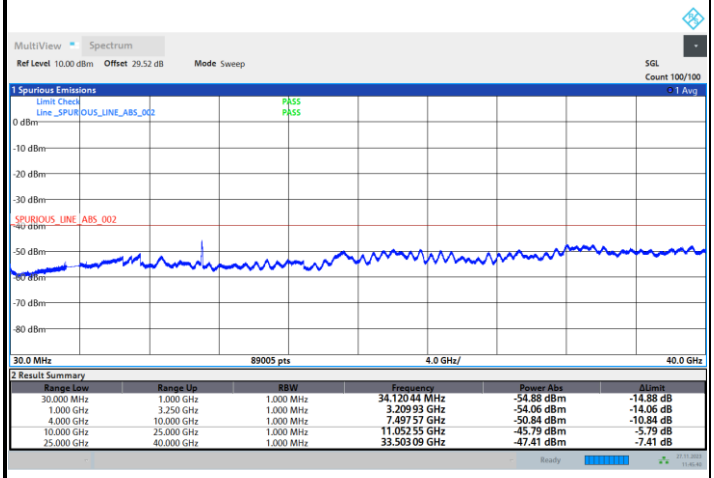
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Frequency offset (ppm)	Result
50	Normal Voltage	0.5517	PASS
40	Normal Voltage	0.6069	
30	Normal Voltage	0.5517	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.6621	
0	Normal Voltage	0.3310	
-10	Normal Voltage	1.4345	
-20	Normal Voltage	0.6069	
-30	Normal Voltage	0.3862	
20	Maximum Voltage	0.0552	
20	Normal Voltage	0.1103	
20	Minimum Voltage	0.7724	

Note:

1. Normal Voltage = 115 V.；Minimum Voltage = 100 V.；Maximum Voltage = 240 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

<MIMO ANT 2>

Maximum EIRP (dBm/10MHz)

Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Lowest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	20.32	20.45	20.48	20.40	19.93	20.24		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	20.20	20.19	20.09	20.07	20.00	19.72		

Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	43.84	43.97	44.00	43.92	43.45	43.76		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	43.72	43.71	43.61	43.59	43.52	43.24		
Limit	47dBm/10MHz							
Result	PASS							

Note

1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	20.02	20.21	19.74	19.76	19.30	19.82		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	19.98	20.06	19.58	19.49	19.59	19.54		

Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	43.54	43.73	43.26	43.28	42.82	43.34		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	43.50	43.58	43.10	43.01	43.11	43.06		
Limit	47dBm/10MHz							
Result	PASS							

Note

1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	19.68	19.88	19.44	19.64	19.32	19.34		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	19.63	19.77	19.37	19.41	19.42	19.44		

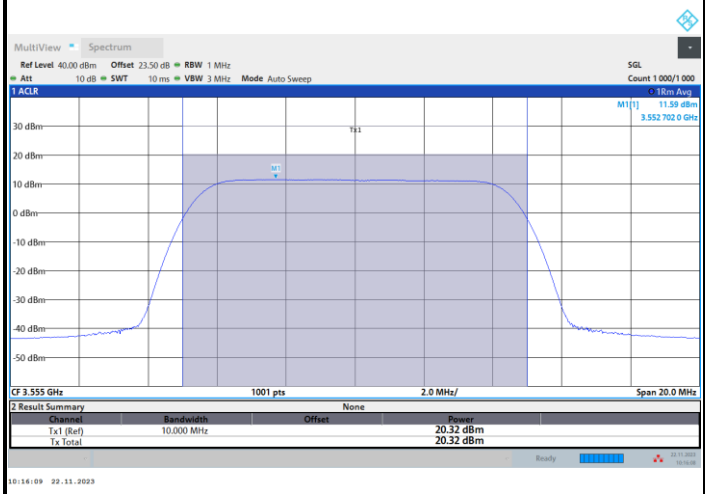
Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	43.20	43.40	42.96	43.16	42.84	42.86		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	43.15	43.29	42.89	42.93	42.94	42.96		
Limit	47dBm/10MHz							
Result	PASS							

Note

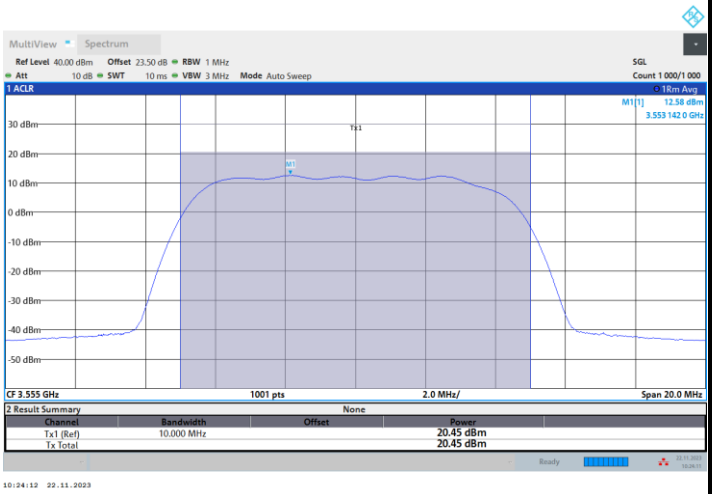
1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

FR1 n48 / 10MHz / Lowest Channel / Conducted (dBm/10MHz)

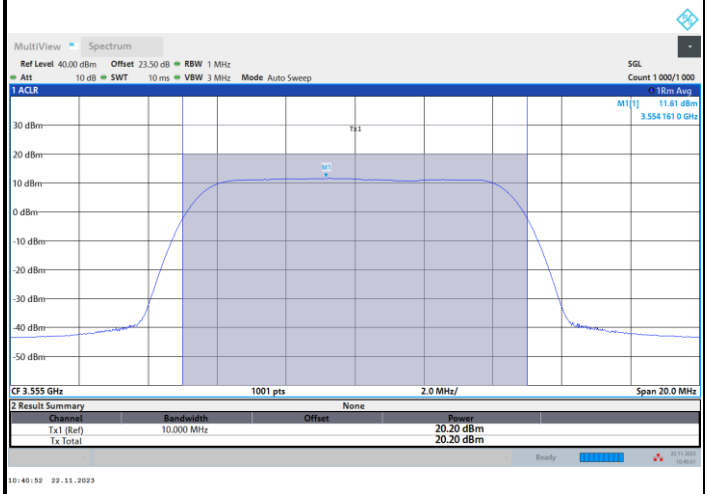
QPSK



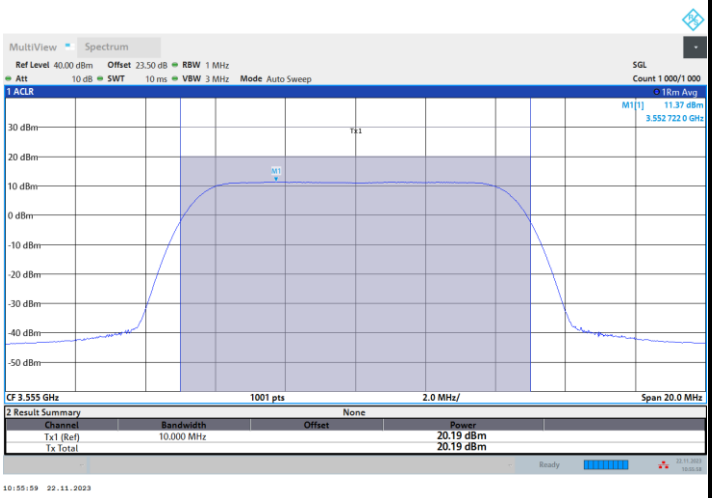
16QAM



64QAM

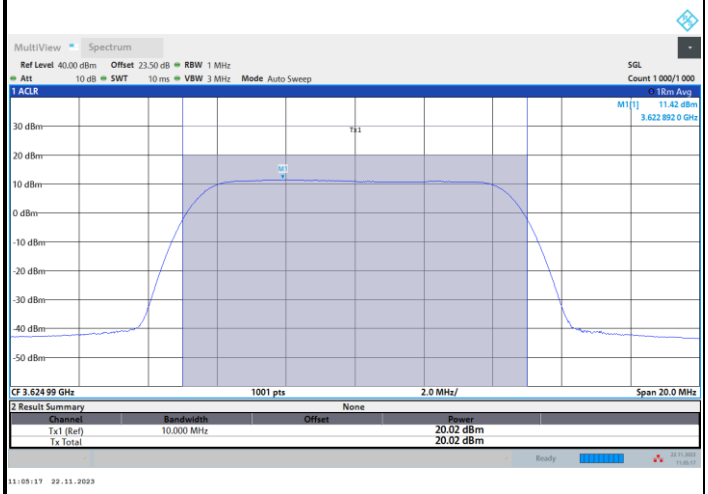


256QAM



FR1 n48 / 10MHz / Middle Channel / Conducted (dBm/10MHz)

QPSK



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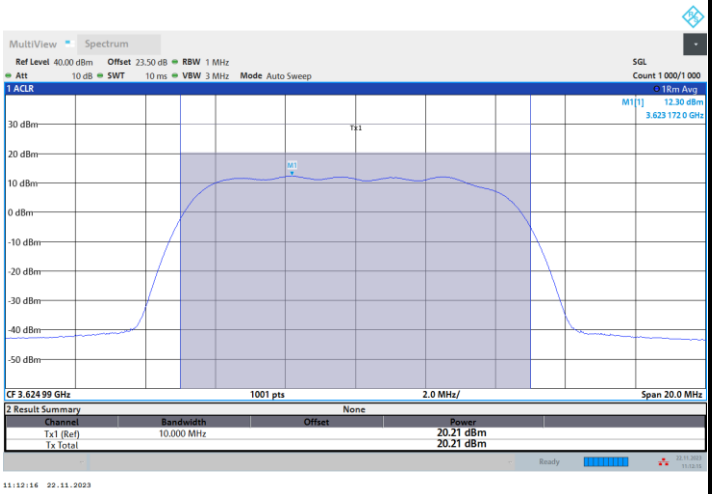

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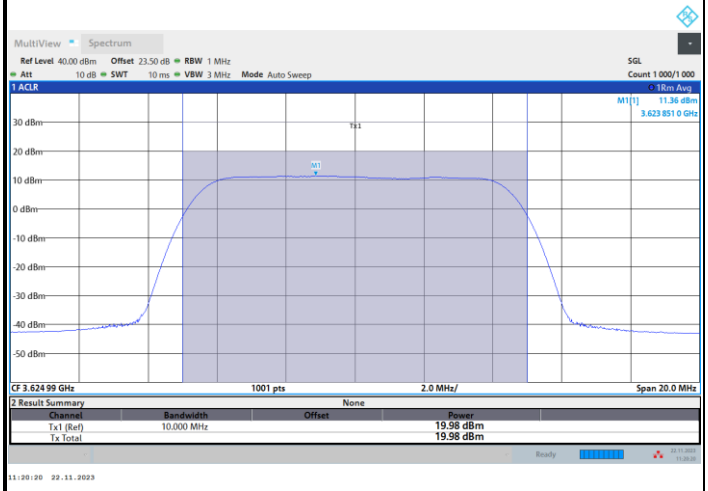
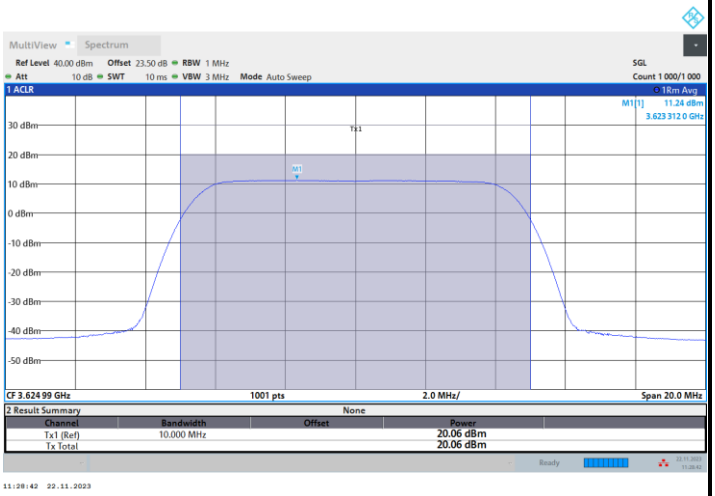
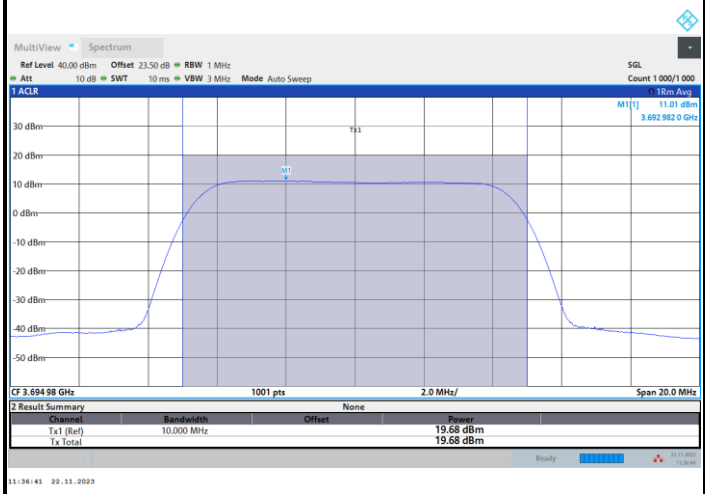


256QAM



FR1 n48 / 10MHz / Highest Channel / Conducted (dBm/10MHz)

QPSK



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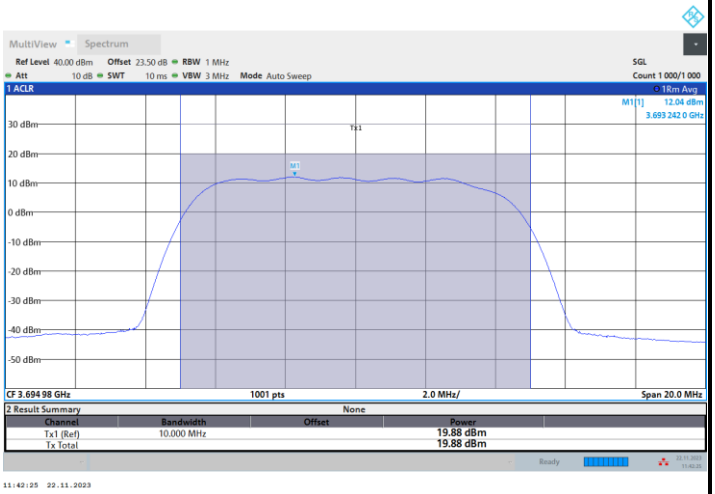

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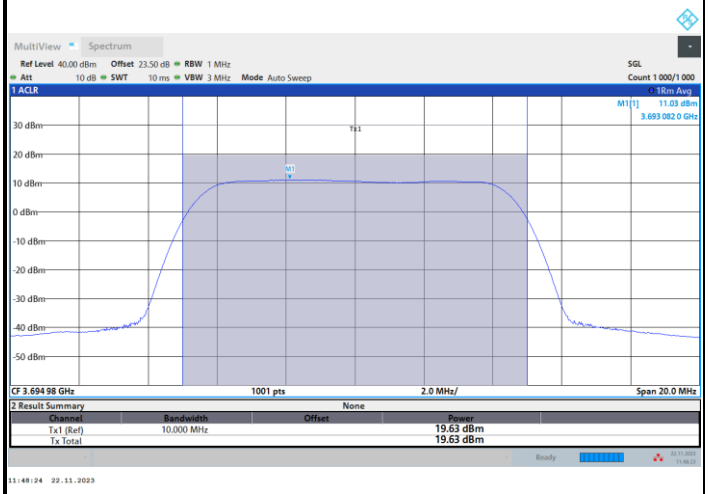
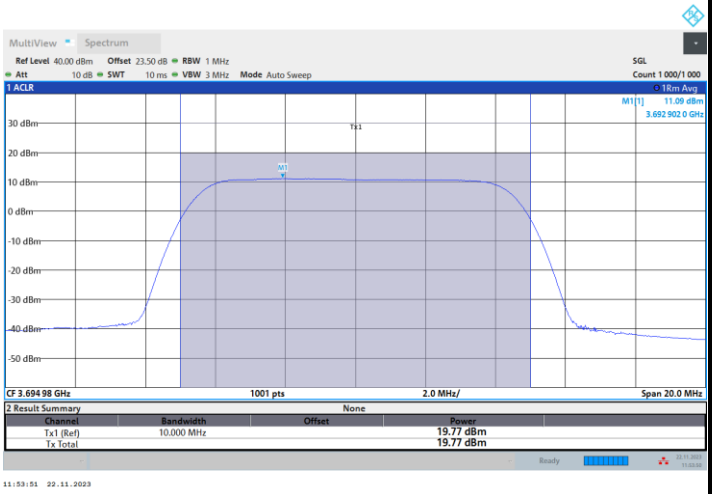
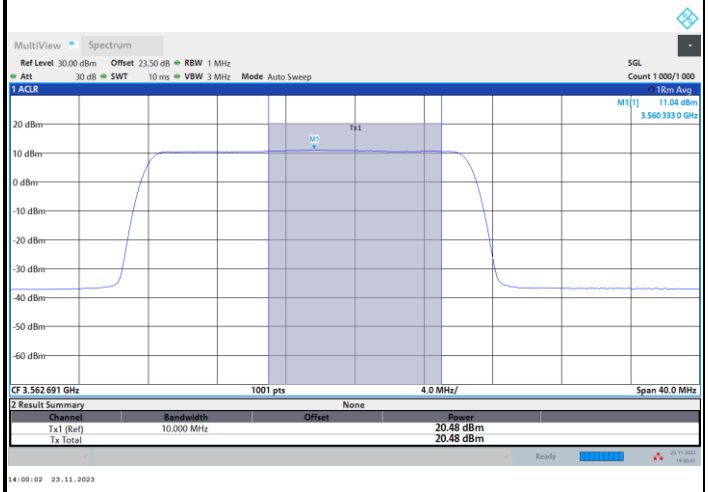


256QAM

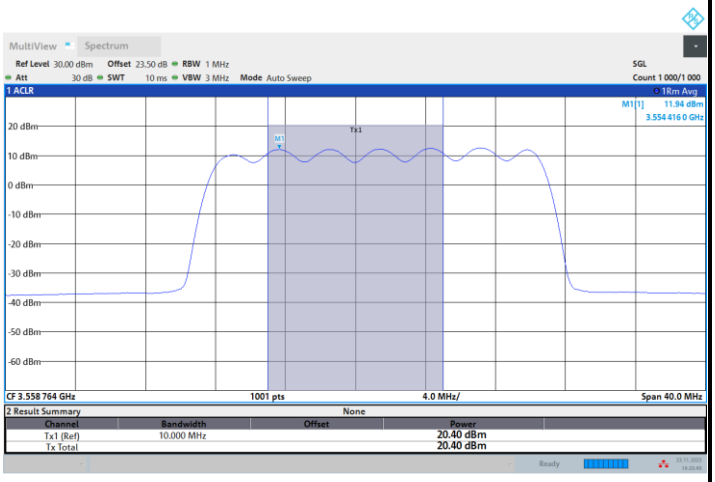


FR1 n48 / 20MHz / Lowest Channel / Conducted (dBm/10MHz)

QPSK



16QAM



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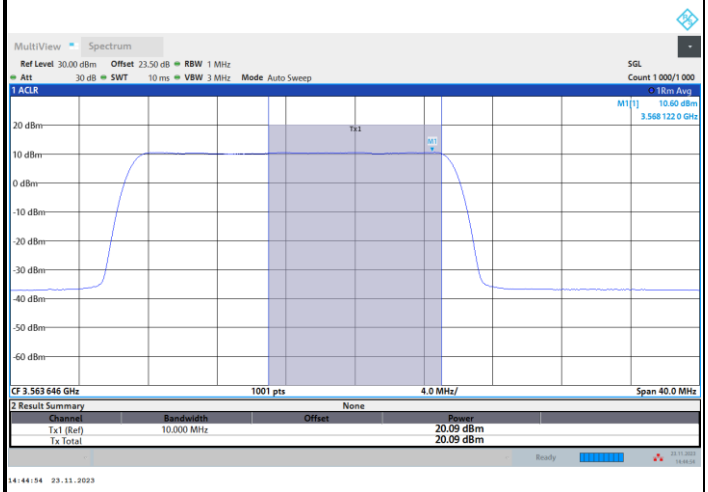

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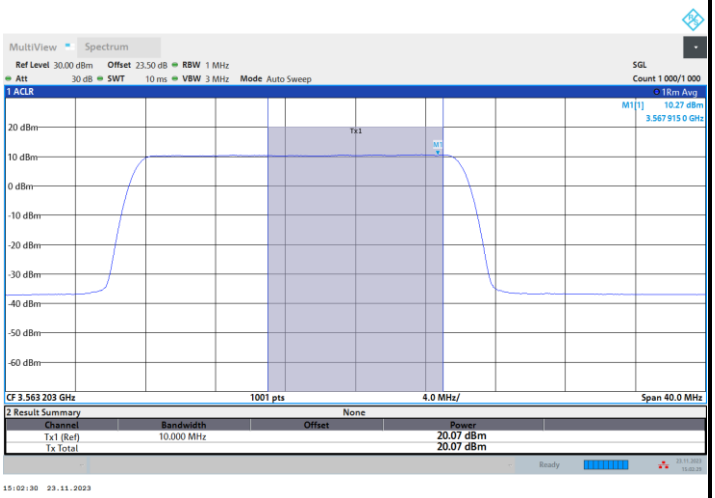
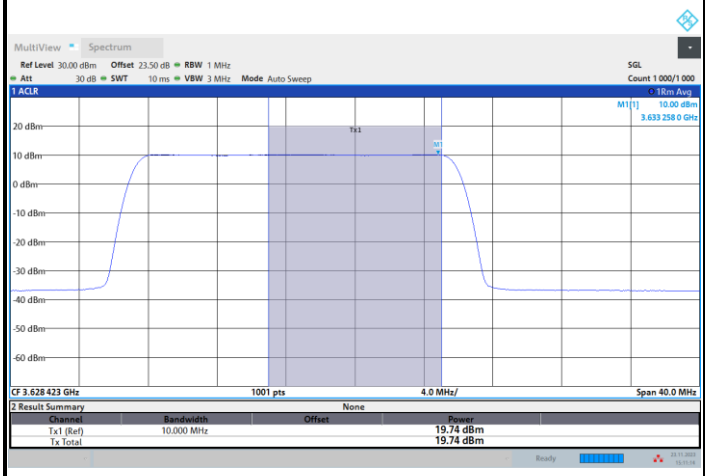


FR1 n48 / 20MHz / Middle Channel / Conducted (dBm/10MHz)

QPSK



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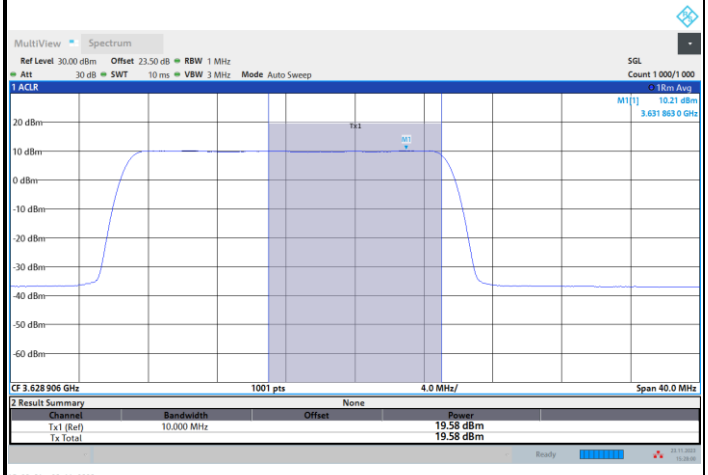

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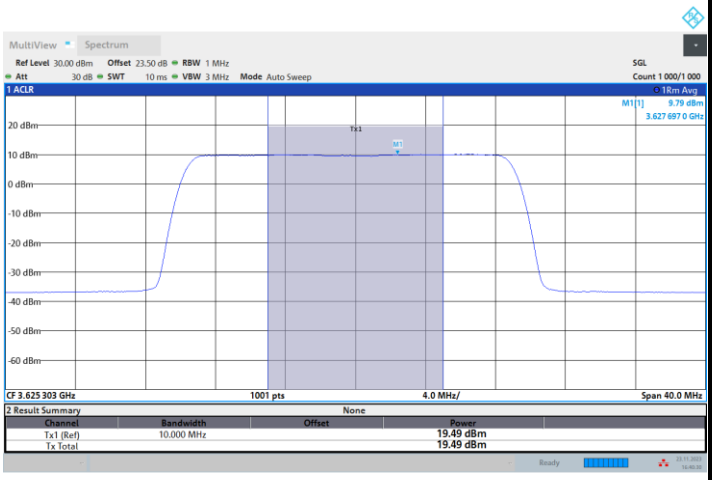
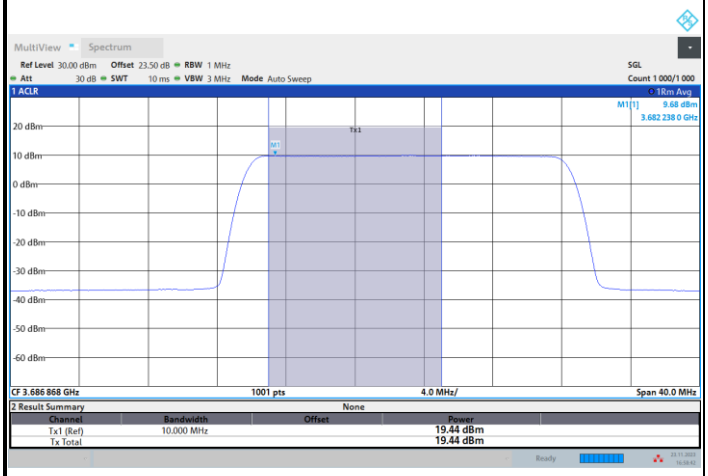


FR1 n48 / 20MHz / Highest Channel / Conducted (dBm/10MHz)

QPSK



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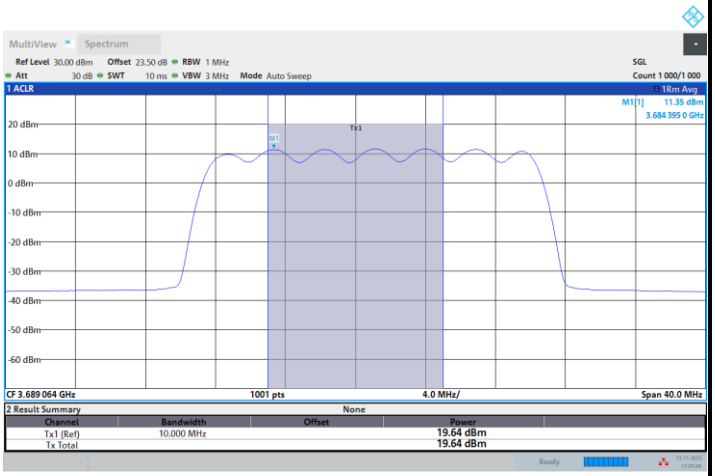

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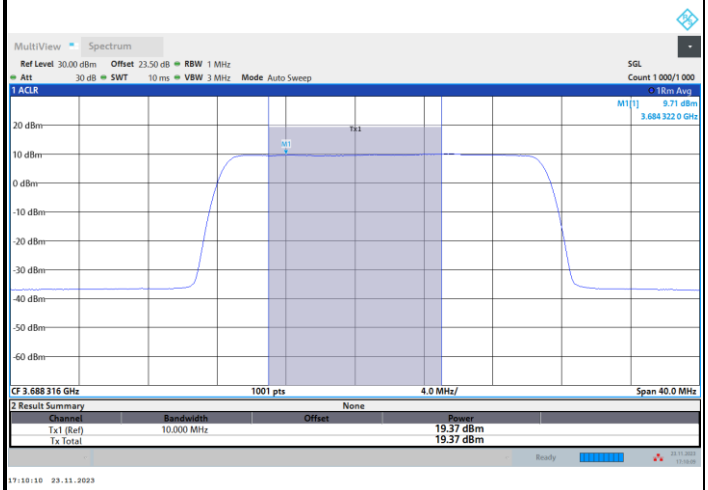

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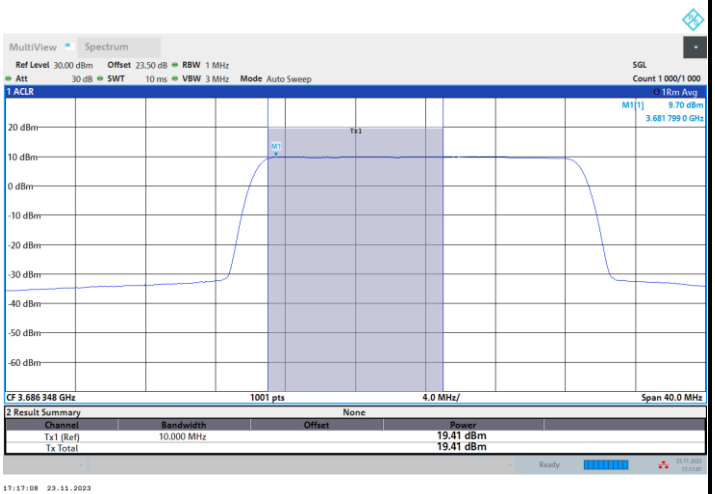
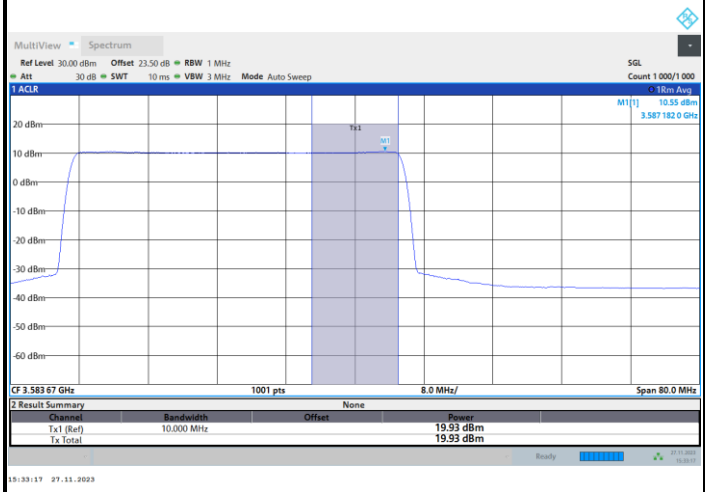


FR1 n48 / 40MHz / Lowest Channel / Conducted (dBm/10MHz)

QPSK



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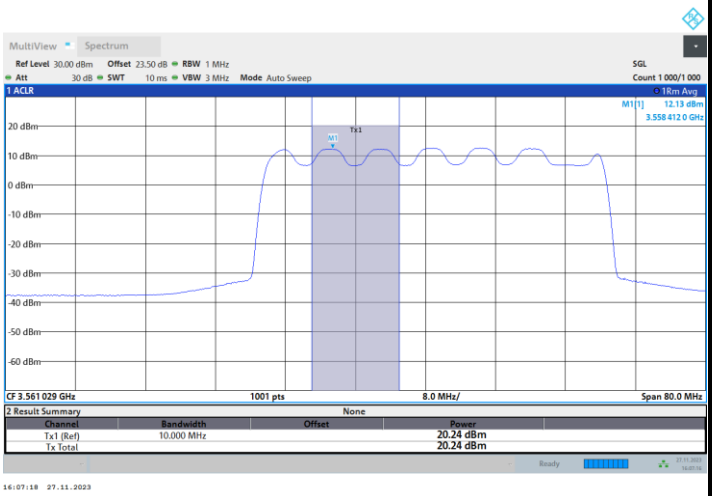

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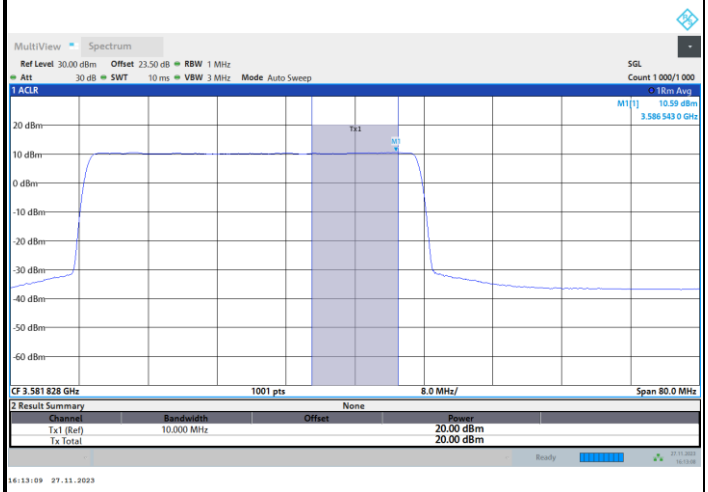

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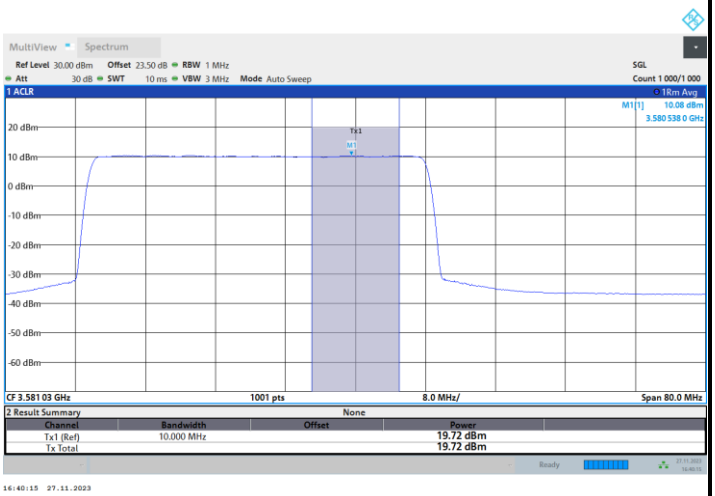
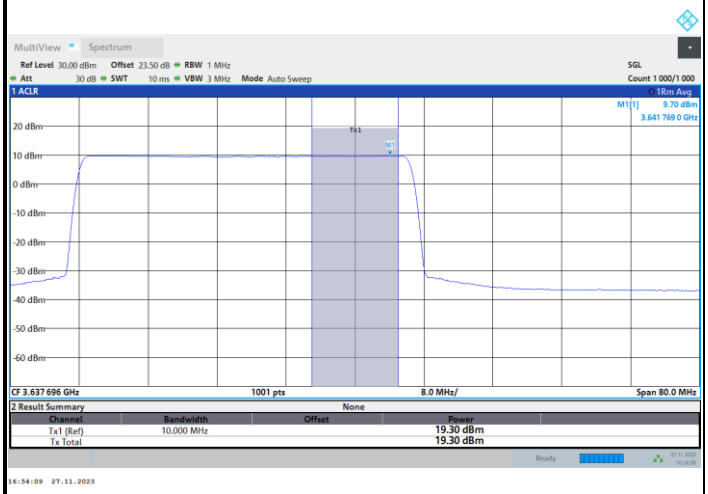


FR1 n48 / 40MHz / Middle Channel / Conducted (dBm/10MHz)

QPSK



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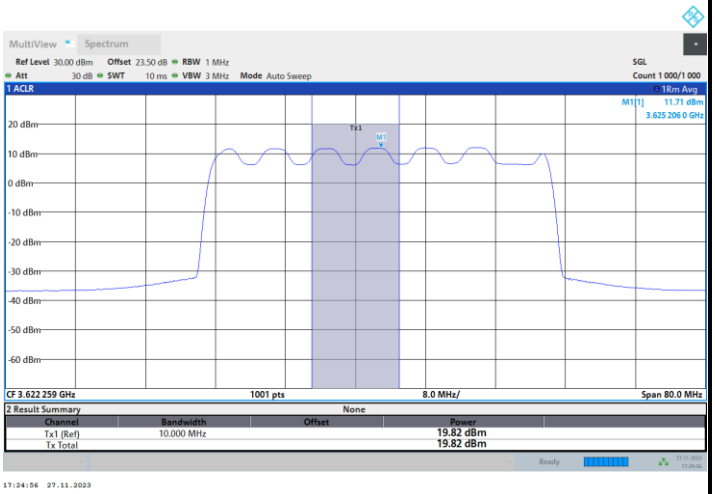

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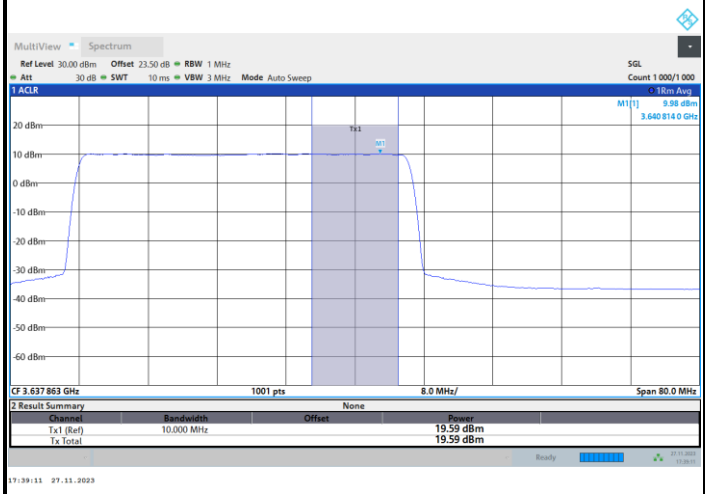
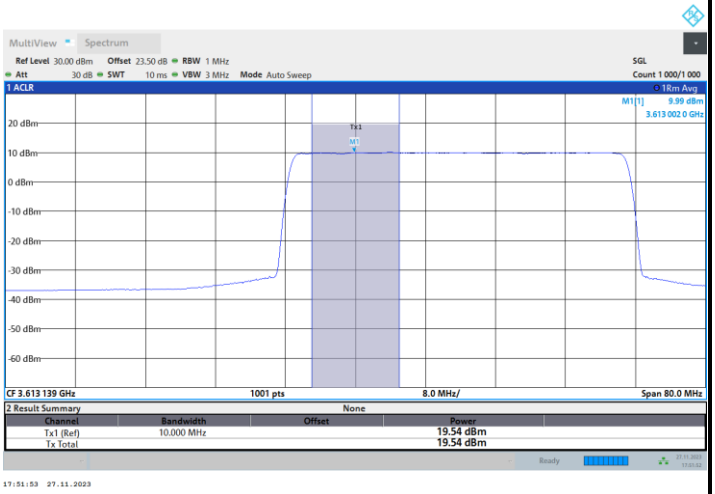
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