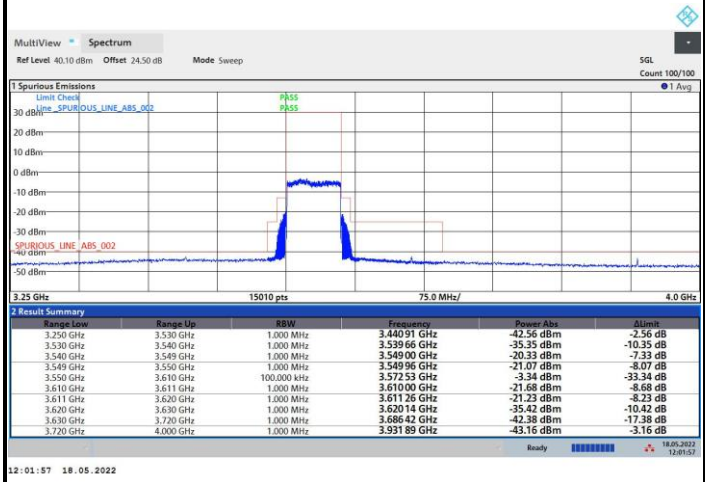
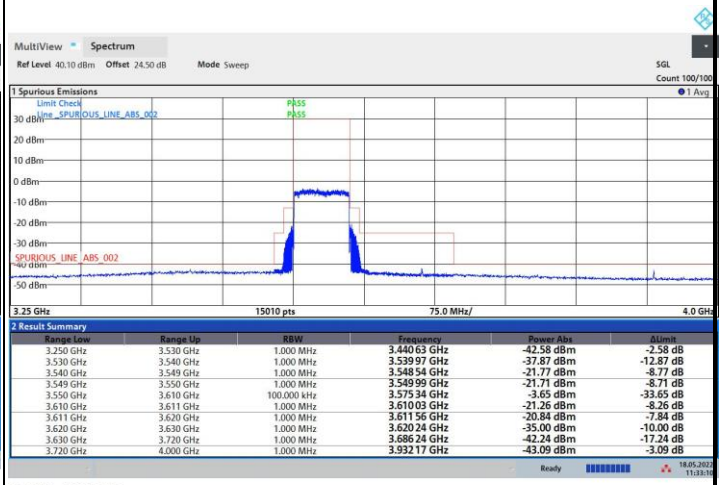
FR1 n48 / 60MHz / Lowest Channel / MASK

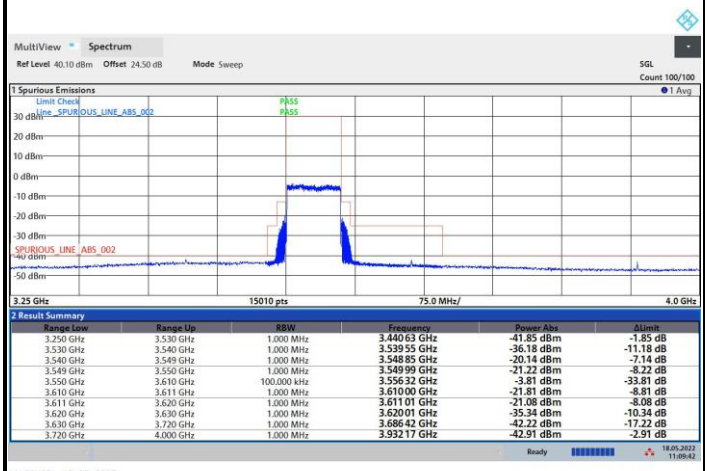
QPSK



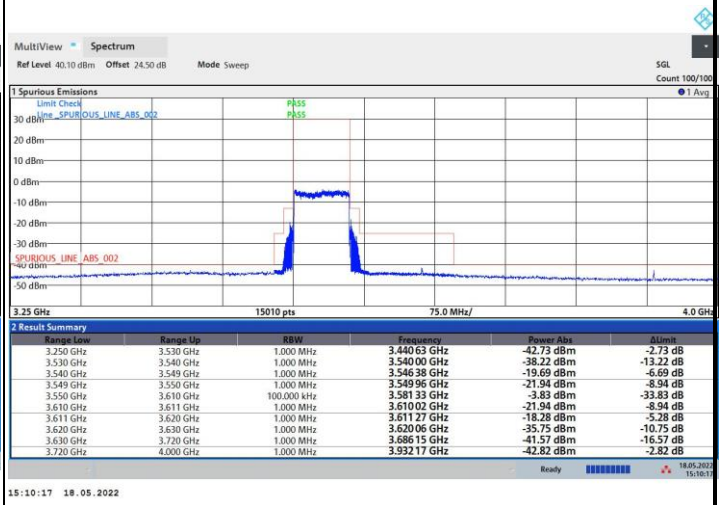
16QAM



64QAM

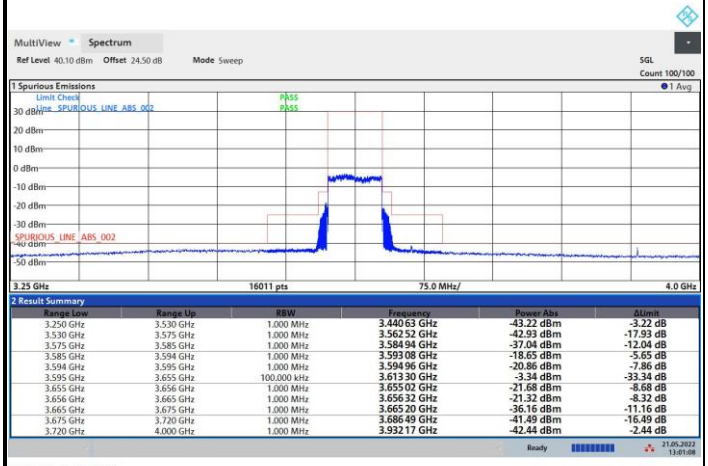


256QAM



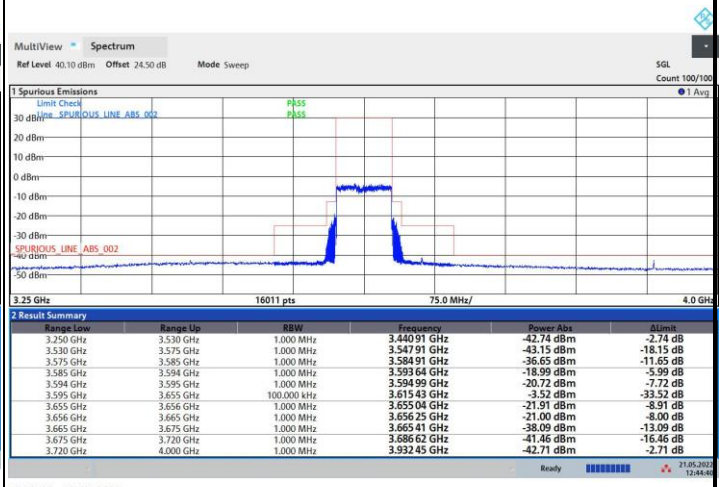
FR1 n48 / 60MHz / Middle Channel / MASK

QPSK



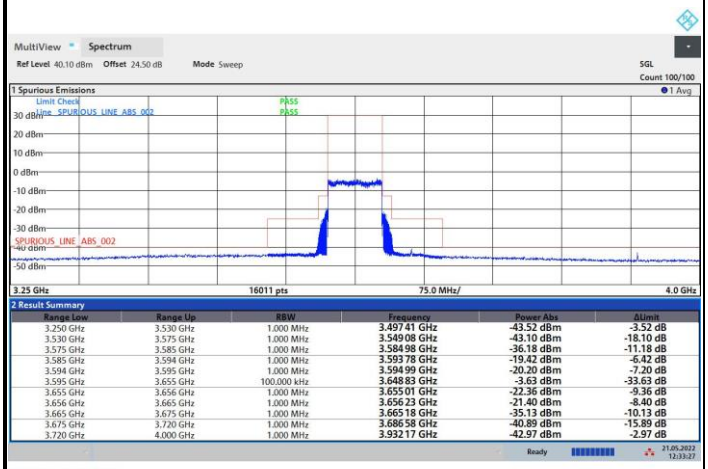
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-43.22 dBm	-3.22 dB
3.530 GHz	3.575 GHz	1.000 MHz	3.562 52 GHz	-42.93 dBm	-17.93 dB
3.575 GHz	3.585 GHz	1.000 MHz	3.584 94 GHz	-37.04 dBm	-12.04 dB
3.585 GHz	3.594 GHz	1.000 MHz	3.593 08 GHz	-18.65 dBm	-5.65 dB
3.594 GHz	3.595 GHz	1.000 MHz	3.594 96 GHz	-20.86 dBm	-7.86 dB
3.595 GHz	3.655 GHz	100.000 kHz	3.613 30 GHz	-3.34 dBm	-33.34 dB
3.655 GHz	3.656 GHz	1.000 MHz	3.655 02 GHz	-21.68 dBm	-8.68 dB
3.656 GHz	3.665 GHz	1.000 MHz	3.656 32 GHz	-21.32 dBm	-8.32 dB
3.665 GHz	3.675 GHz	1.000 MHz	3.665 20 GHz	-36.16 dBm	-11.16 dB
3.675 GHz	3.720 GHz	1.000 MHz	3.686 49 GHz	-41.49 dBm	-16.49 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.44 dBm	-2.44 dB

16QAM



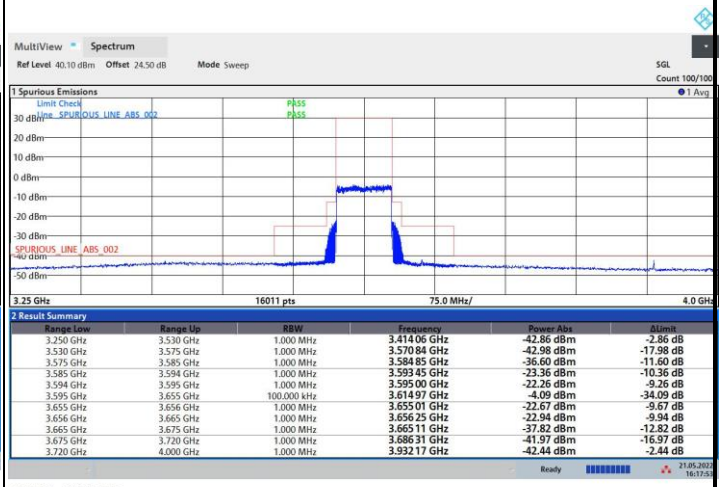
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.74 dBm	-2.74 dB
3.530 GHz	3.575 GHz	1.000 MHz	3.547 91 GHz	-43.15 dBm	-18.15 dB
3.575 GHz	3.585 GHz	1.000 MHz	3.584 91 GHz	-36.65 dBm	-11.65 dB
3.585 GHz	3.594 GHz	1.000 MHz	3.593 64 GHz	-18.99 dBm	-5.99 dB
3.594 GHz	3.595 GHz	1.000 MHz	3.594 99 GHz	-20.72 dBm	-7.72 dB
3.595 GHz	3.655 GHz	100.000 kHz	3.615 43 GHz	-3.52 dBm	-33.52 dB
3.655 GHz	3.656 GHz	1.000 MHz	3.655 04 GHz	-21.91 dBm	-8.91 dB
3.656 GHz	3.665 GHz	1.000 MHz	3.656 25 GHz	-21.00 dBm	-8.00 dB
3.665 GHz	3.675 GHz	1.000 MHz	3.665 41 GHz	-38.09 dBm	-13.09 dB
3.675 GHz	3.720 GHz	1.000 MHz	3.686 62 GHz	-41.46 dBm	-16.46 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-42.71 dBm	-2.71 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.497 41 GHz	-43.52 dBm	-3.52 dB
3.530 GHz	3.575 GHz	1.000 MHz	3.549 08 GHz	-43.10 dBm	-18.10 dB
3.575 GHz	3.585 GHz	1.000 MHz	3.584 98 GHz	-36.18 dBm	-11.18 dB
3.585 GHz	3.594 GHz	1.000 MHz	3.593 78 GHz	-19.42 dBm	-6.42 dB
3.594 GHz	3.595 GHz	1.000 MHz	3.594 99 GHz	-20.20 dBm	-7.20 dB
3.595 GHz	3.655 GHz	100.000 kHz	3.648 83 GHz	-3.63 dBm	-33.63 dB
3.655 GHz	3.656 GHz	1.000 MHz	3.655 01 GHz	-22.36 dBm	-9.36 dB
3.656 GHz	3.665 GHz	1.000 MHz	3.656 23 GHz	-21.40 dBm	-8.40 dB
3.665 GHz	3.675 GHz	1.000 MHz	3.665 18 GHz	-35.13 dBm	-10.13 dB
3.675 GHz	3.720 GHz	1.000 MHz	3.686 58 GHz	-40.89 dBm	-15.89 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.97 dBm	-2.97 dB

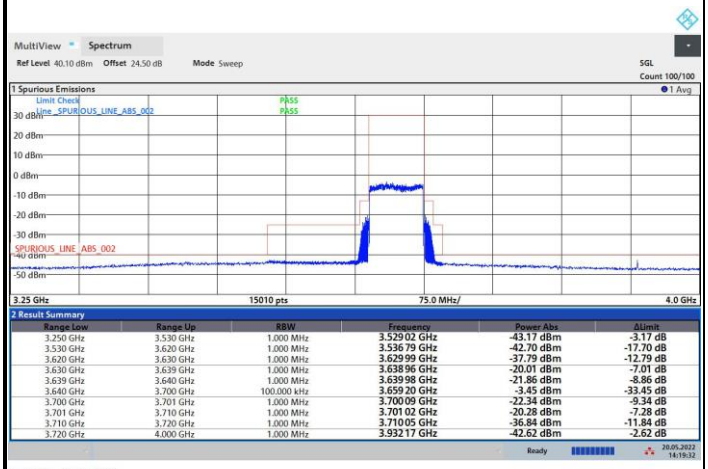
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.414 06 GHz	-42.86 dBm	-2.86 dB
3.530 GHz	3.575 GHz	1.000 MHz	3.570 84 GHz	-42.98 dBm	-17.98 dB
3.575 GHz	3.585 GHz	1.000 MHz	3.584 85 GHz	-36.60 dBm	-11.60 dB
3.585 GHz	3.594 GHz	1.000 MHz	3.593 45 GHz	-23.36 dBm	-10.36 dB
3.594 GHz	3.595 GHz	1.000 MHz	3.595 00 GHz	-22.26 dBm	-9.26 dB
3.595 GHz	3.655 GHz	100.000 kHz	3.614 97 GHz	-4.09 dBm	-34.09 dB
3.655 GHz	3.656 GHz	1.000 MHz	3.655 01 GHz	-22.67 dBm	-9.67 dB
3.656 GHz	3.665 GHz	1.000 MHz	3.656 25 GHz	-22.94 dBm	-9.94 dB
3.665 GHz	3.675 GHz	1.000 MHz	3.665 11 GHz	-37.82 dBm	-12.82 dB
3.675 GHz	3.720 GHz	1.000 MHz	3.686 31 GHz	-41.97 dBm	-16.97 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.44 dBm	-2.44 dB

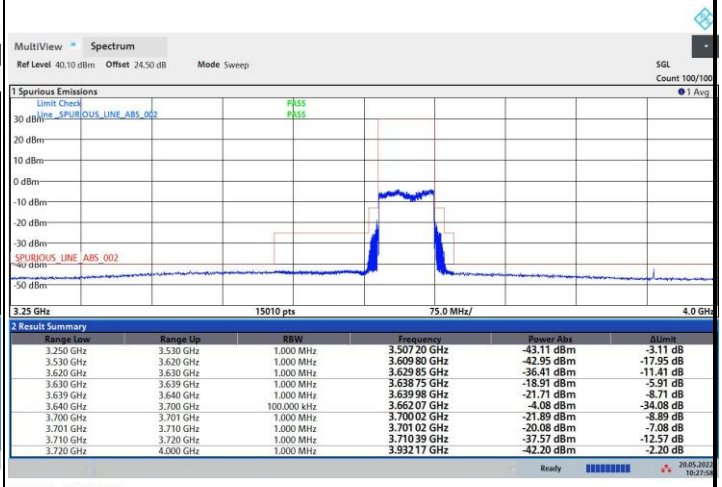
FR1 n48 / 60MHz / Highest Channel / MASK

QPSK



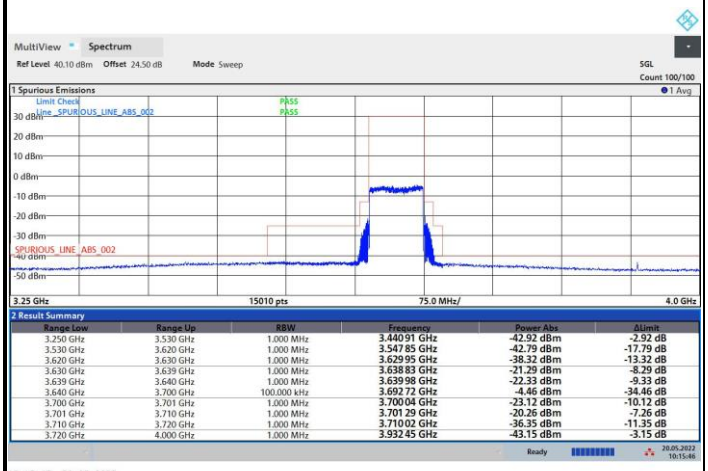
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.529 02 GHz	-43.17 dBm	-3.17 dB
3.530 GHz	3.620 GHz	1.000 MHz	3.536 79 GHz	-42.70 dBm	-17.70 dB
3.620 GHz	3.630 GHz	1.000 MHz	3.629 99 GHz	-37.79 dBm	-12.79 dB
3.630 GHz	3.639 GHz	1.000 MHz	3.638 96 GHz	-20.01 dBm	-7.01 dB
3.639 GHz	3.640 GHz	1.000 MHz	3.639 98 GHz	-21.86 dBm	-8.86 dB
3.640 GHz	3.700 GHz	100.000 kHz	3.659 20 GHz	-3.45 dBm	-33.45 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 09 GHz	-22.34 dBm	-9.34 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 02 GHz	-20.28 dBm	-7.28 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-36.84 dBm	-11.84 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.62 dBm	-2.62 dB

16QAM



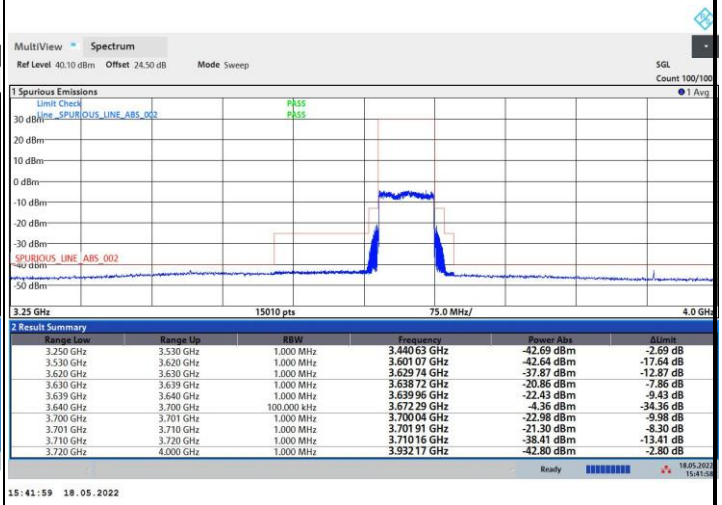
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.507 20 GHz	-43.11 dBm	-3.11 dB
3.530 GHz	3.620 GHz	1.000 MHz	3.609 80 GHz	-42.95 dBm	-17.95 dB
3.620 GHz	3.630 GHz	1.000 MHz	3.629 85 GHz	-36.41 dBm	-11.41 dB
3.630 GHz	3.639 GHz	1.000 MHz	3.638 75 GHz	-18.91 dBm	-5.91 dB
3.639 GHz	3.640 GHz	1.000 MHz	3.639 98 GHz	-21.71 dBm	-8.71 dB
3.640 GHz	3.700 GHz	100.000 kHz	3.662 07 GHz	-4.08 dBm	-34.08 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 02 GHz	-21.89 dBm	-8.89 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 02 GHz	-20.08 dBm	-7.08 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 39 GHz	-37.57 dBm	-12.57 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.20 dBm	-2.20 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.92 dBm	-2.92 dB
3.530 GHz	3.620 GHz	1.000 MHz	3.547 85 GHz	-42.79 dBm	-17.79 dB
3.620 GHz	3.630 GHz	1.000 MHz	3.629 95 GHz	-38.32 dBm	-13.32 dB
3.630 GHz	3.639 GHz	1.000 MHz	3.638 83 GHz	-21.29 dBm	-8.29 dB
3.639 GHz	3.640 GHz	1.000 MHz	3.639 98 GHz	-22.33 dBm	-9.33 dB
3.640 GHz	3.700 GHz	100.000 kHz	3.692 72 GHz	-4.46 dBm	-34.46 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 04 GHz	-23.12 dBm	-10.12 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 29 GHz	-20.26 dBm	-7.26 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 02 GHz	-36.35 dBm	-11.35 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-43.15 dBm	-3.15 dB

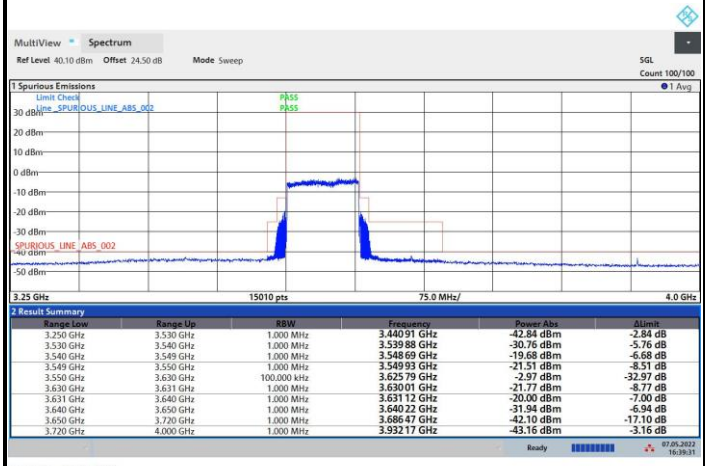
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-42.69 dBm	-2.69 dB
3.530 GHz	3.620 GHz	1.000 MHz	3.601 07 GHz	-42.64 dBm	-17.64 dB
3.620 GHz	3.630 GHz	1.000 MHz	3.629 74 GHz	-37.87 dBm	-12.87 dB
3.630 GHz	3.639 GHz	1.000 MHz	3.638 72 GHz	-20.86 dBm	-7.86 dB
3.639 GHz	3.640 GHz	1.000 MHz	3.639 96 GHz	-22.43 dBm	-9.43 dB
3.640 GHz	3.700 GHz	100.000 kHz	-4.36 dBm	-34.36 dB	
3.700 GHz	3.701 GHz	1.000 MHz	3.700 04 GHz	-22.98 dBm	-9.98 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 91 GHz	-21.30 dBm	-8.30 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 16 GHz	-38.41 dBm	-13.41 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.80 dBm	-2.80 dB

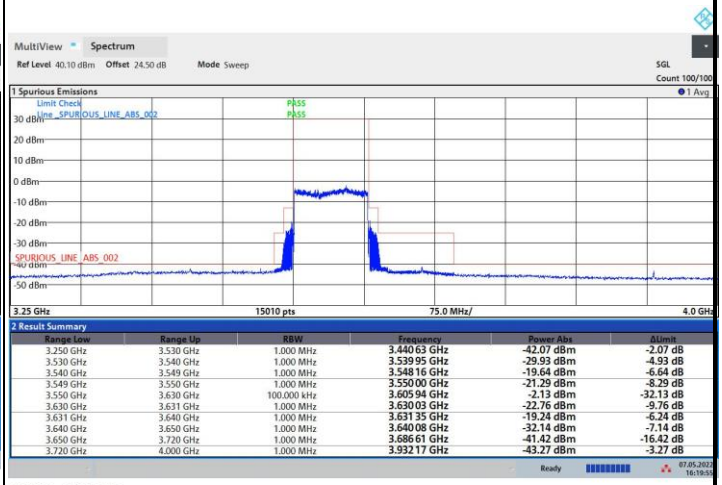
FR1 n48 / 80MHz / Lowest Channel / MASK

QPSK



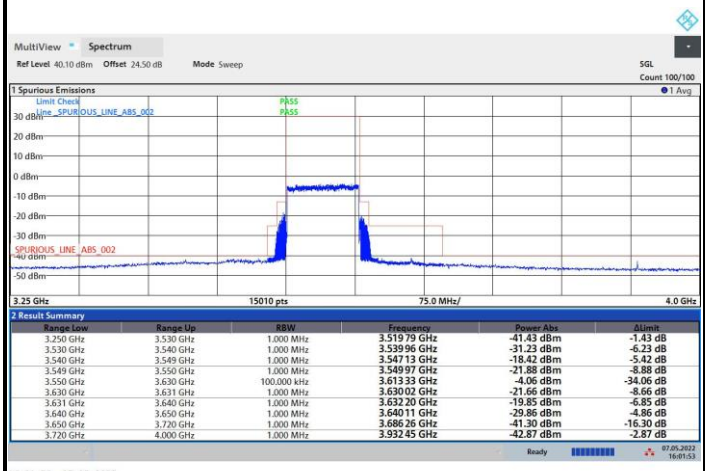
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.84 dBm	-2.84 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 88 GHz	-30.76 dBm	-5.76 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 69 GHz	-19.68 dBm	-6.68 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 93 GHz	-21.51 dBm	-8.51 dB
3.550 GHz	3.630 GHz	100.000 kHz	3.625 79 GHz	-2.97 dBm	-32.97 dB
3.630 GHz	3.631 GHz	1.000 MHz	3.630 01 GHz	-21.77 dBm	-8.77 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 12 GHz	-20.00 dBm	-7.00 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 22 GHz	-31.94 dBm	-6.94 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 47 GHz	-42.10 dBm	-17.10 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.16 dBm	-3.16 dB

16QAM



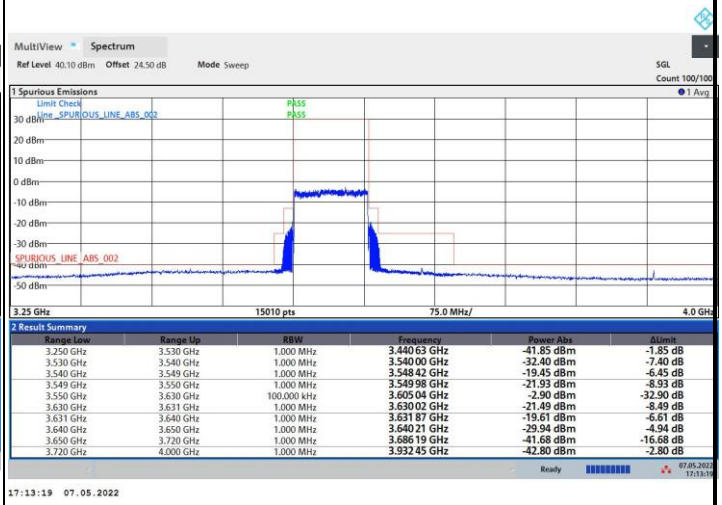
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-42.07 dBm	-2.07 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-29.93 dBm	-4.93 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 16 GHz	-19.64 dBm	-6.64 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.550 00 GHz	-21.29 dBm	-8.29 dB
3.550 GHz	3.630 GHz	100.000 kHz	3.605 94 GHz	-2.13 dBm	-32.13 dB
3.630 GHz	3.631 GHz	1.000 MHz	3.630 03 GHz	-22.76 dBm	-9.76 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 35 GHz	-19.24 dBm	-6.24 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 08 GHz	-32.14 dBm	-7.14 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 61 GHz	-41.42 dBm	-16.42 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.27 dBm	-3.27 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.519 79 GHz	-41.43 dBm	-1.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 96 GHz	-31.23 dBm	-6.23 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.547 13 GHz	-18.42 dBm	-5.42 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 97 GHz	-21.88 dBm	-8.88 dB
3.550 GHz	3.630 GHz	100.000 kHz	3.613 33 GHz	-4.06 dBm	-34.06 dB
3.630 GHz	3.631 GHz	1.000 MHz	3.630 02 GHz	-21.66 dBm	-8.66 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.632 20 GHz	-19.85 dBm	-6.85 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 11 GHz	-29.86 dBm	-4.86 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 26 GHz	-41.30 dBm	-16.30 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-42.87 dBm	-2.87 dB

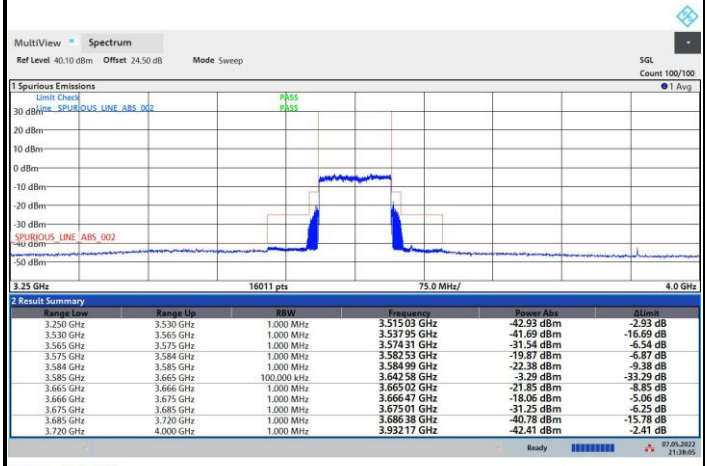
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-41.85 dBm	-1.85 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.540 00 GHz	-32.40 dBm	-7.40 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 42 GHz	-19.45 dBm	-6.45 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 98 GHz	-21.93 dBm	-8.93 dB
3.550 GHz	3.630 GHz	100.000 kHz	3.605 04 GHz	-2.90 dBm	-32.90 dB
3.630 GHz	3.631 GHz	1.000 MHz	3.630 02 GHz	-21.49 dBm	-8.49 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 87 GHz	-19.61 dBm	-6.61 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 21 GHz	-29.94 dBm	-4.94 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 19 GHz	-41.68 dBm	-16.68 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-42.80 dBm	-2.80 dB

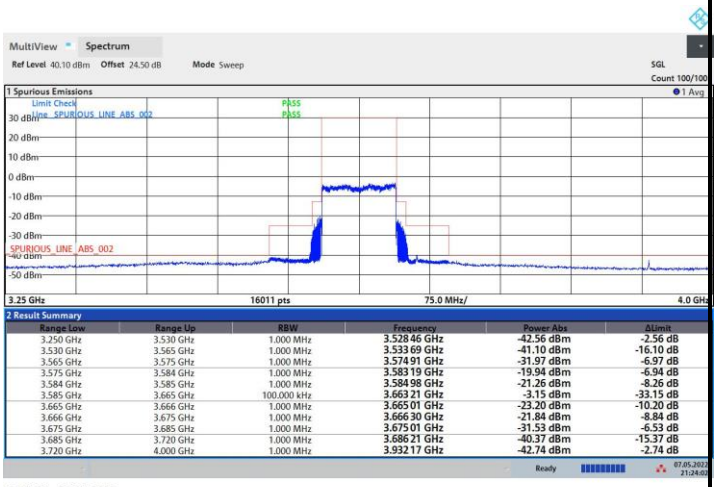
FR1 n48 / 80MHz / Middle Channel / MASK

QPSK



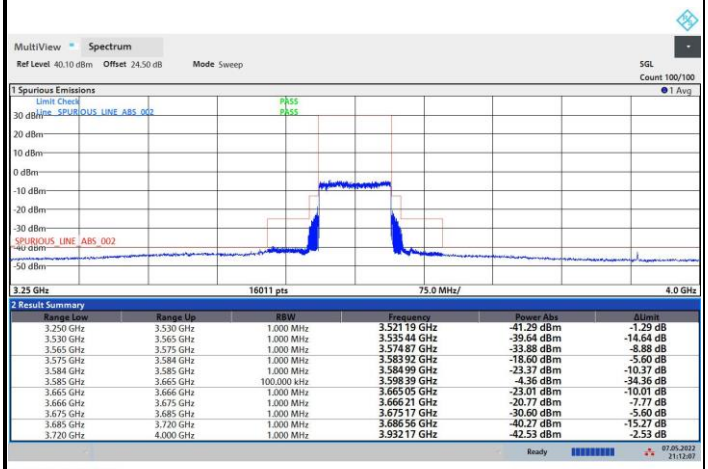
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.515 03 GHz	-42.93 dBm	-2.93 dB
3.530 GHz	3.565 GHz	1.000 MHz	3.537 95 GHz	-41.69 dBm	-16.69 dB
3.565 GHz	3.575 GHz	1.000 MHz	3.574 31 GHz	-31.54 dBm	-6.54 dB
3.575 GHz	3.584 GHz	1.000 MHz	3.582 53 GHz	-19.87 dBm	-6.87 dB
3.584 GHz	3.585 GHz	1.000 MHz	3.584 99 GHz	-22.38 dBm	-9.38 dB
3.585 GHz	3.665 GHz	100.000 kHz	3.642 58 GHz	-3.29 dBm	-33.29 dB
3.665 GHz	3.666 GHz	1.000 MHz	3.665 02 GHz	-21.85 dBm	-8.85 dB
3.666 GHz	3.675 GHz	1.000 MHz	3.666 47 GHz	-18.06 dBm	-5.06 dB
3.675 GHz	3.685 GHz	1.000 MHz	3.675 01 GHz	-31.25 dBm	-6.25 dB
3.685 GHz	3.720 GHz	1.000 MHz	3.686 38 GHz	-40.78 dBm	-15.78 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.41 dBm	-2.41 dB

16QAM



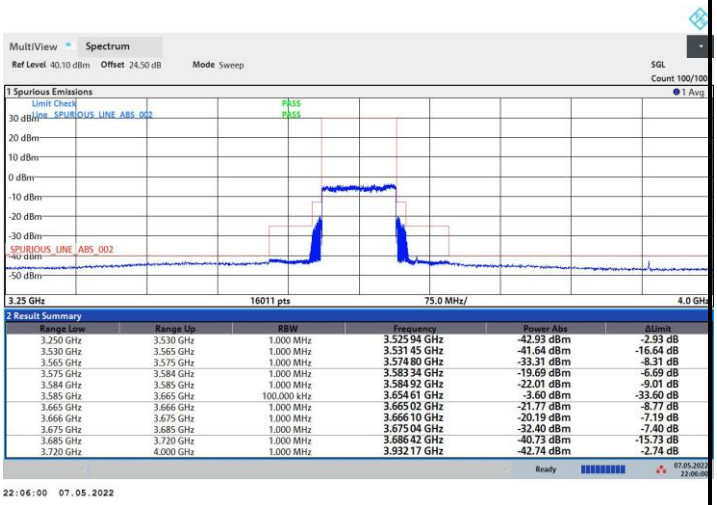
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.528 46 GHz	-42.56 dBm	-2.56 dB
3.530 GHz	3.565 GHz	1.000 MHz	3.533 69 GHz	-41.10 dBm	-16.10 dB
3.565 GHz	3.575 GHz	1.000 MHz	3.574 91 GHz	-31.97 dBm	-6.97 dB
3.575 GHz	3.584 GHz	1.000 MHz	3.583 19 GHz	-19.94 dBm	-6.94 dB
3.584 GHz	3.585 GHz	1.000 MHz	3.584 98 GHz	-21.26 dBm	-8.26 dB
3.585 GHz	3.665 GHz	100.000 kHz	3.663 21 GHz	-3.15 dBm	-33.15 dB
3.665 GHz	3.666 GHz	1.000 MHz	3.665 01 GHz	-23.20 dBm	-10.20 dB
3.666 GHz	3.675 GHz	1.000 MHz	3.666 30 GHz	-21.84 dBm	-8.84 dB
3.675 GHz	3.685 GHz	1.000 MHz	3.675 01 GHz	-31.53 dBm	-6.53 dB
3.685 GHz	3.720 GHz	1.000 MHz	3.686 21 GHz	-40.37 dBm	-15.37 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.74 dBm	-2.74 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.521 19 GHz	-41.29 dBm	-1.29 dB
3.530 GHz	3.565 GHz	1.000 MHz	3.535 44 GHz	-39.64 dBm	-14.64 dB
3.565 GHz	3.575 GHz	1.000 MHz	3.574 87 GHz	-33.88 dBm	-8.88 dB
3.575 GHz	3.584 GHz	1.000 MHz	3.583 92 GHz	-18.60 dBm	-5.60 dB
3.584 GHz	3.585 GHz	1.000 MHz	3.584 99 GHz	-23.37 dBm	-10.37 dB
3.585 GHz	3.665 GHz	100.000 kHz	3.598 39 GHz	-4.36 dBm	-34.36 dB
3.665 GHz	3.666 GHz	1.000 MHz	3.665 05 GHz	-23.01 dBm	-10.01 dB
3.666 GHz	3.675 GHz	1.000 MHz	3.666 21 GHz	-20.77 dBm	-7.77 dB
3.675 GHz	3.685 GHz	1.000 MHz	3.675 17 GHz	-30.60 dBm	-5.60 dB
3.685 GHz	3.720 GHz	1.000 MHz	3.686 56 GHz	-40.27 dBm	-15.27 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.53 dBm	-2.53 dB

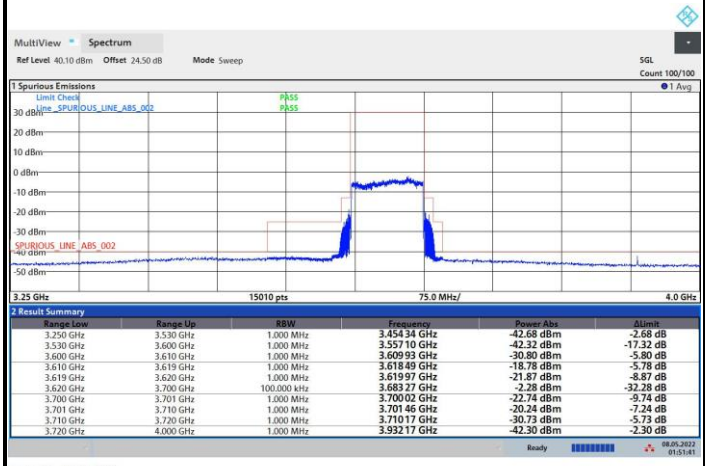
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.525 94 GHz	-42.93 dBm	-2.93 dB
3.530 GHz	3.565 GHz	1.000 MHz	3.531 45 GHz	-41.64 dBm	-16.64 dB
3.565 GHz	3.575 GHz	1.000 MHz	3.574 80 GHz	-33.31 dBm	-8.31 dB
3.575 GHz	3.584 GHz	1.000 MHz	3.583 34 GHz	-19.69 dBm	-6.69 dB
3.584 GHz	3.585 GHz	1.000 MHz	3.584 92 GHz	-22.01 dBm	-9.01 dB
3.585 GHz	3.665 GHz	100.000 kHz	3.654 61 GHz	-3.60 dBm	-33.60 dB
3.665 GHz	3.666 GHz	1.000 MHz	3.665 02 GHz	-21.77 dBm	-8.77 dB
3.666 GHz	3.675 GHz	1.000 MHz	3.666 10 GHz	-20.19 dBm	-7.19 dB
3.675 GHz	3.685 GHz	1.000 MHz	3.675 04 GHz	-32.40 dBm	-7.40 dB
3.685 GHz	3.720 GHz	1.000 MHz	3.686 42 GHz	-40.73 dBm	-15.73 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.74 dBm	-2.74 dB

FR1 n48 / 80MHz / Highest Channel / MASK

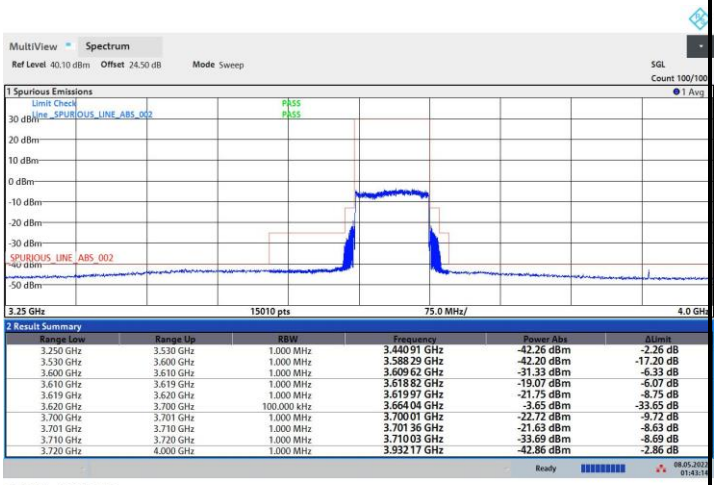
QPSK



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.454 34 GHz	-42.68 dBm	-2.68 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.557 10 GHz	-42.32 dBm	-17.32 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 93 GHz	-30.80 dBm	-5.80 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 49 GHz	-18.78 dBm	-5.78 dB
3.619 GHz	3.620 GHz	1.000 MHz	3.619 97 GHz	-21.87 dBm	-8.87 dB
3.620 GHz	3.700 GHz	100.000 kHz	3.683 27 GHz	-2.28 dBm	-32.28 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 02 GHz	-22.74 dBm	-9.74 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 46 GHz	-20.24 dBm	-7.24 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 17 GHz	-30.73 dBm	-5.73 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.30 dBm	-2.30 dB

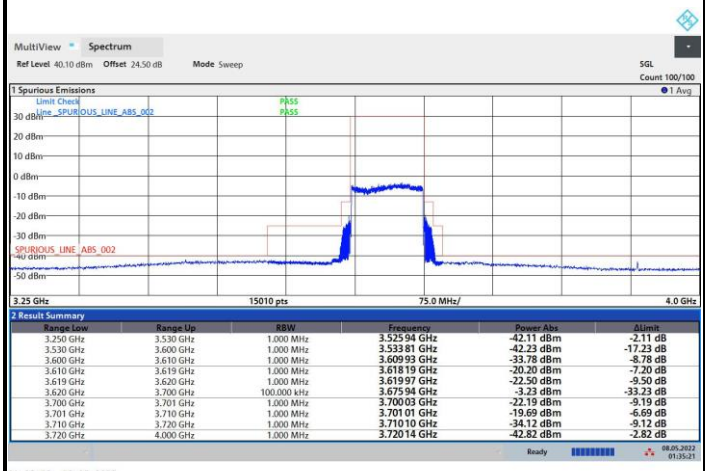
16QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.26 dBm	-2.26 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.588 29 GHz	-42.20 dBm	-17.20 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 62 GHz	-31.33 dBm	-6.33 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 82 GHz	-19.07 dBm	-6.07 dB
3.619 GHz	3.620 GHz	1.000 MHz	3.619 97 GHz	-21.75 dBm	-8.75 dB
3.620 GHz	3.700 GHz	100.000 kHz	3.664 04 GHz	-3.65 dBm	-33.65 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 01 GHz	-22.72 dBm	-9.72 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 36 GHz	-21.63 dBm	-8.63 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 03 GHz	-33.69 dBm	-8.69 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.86 dBm	-2.86 dB

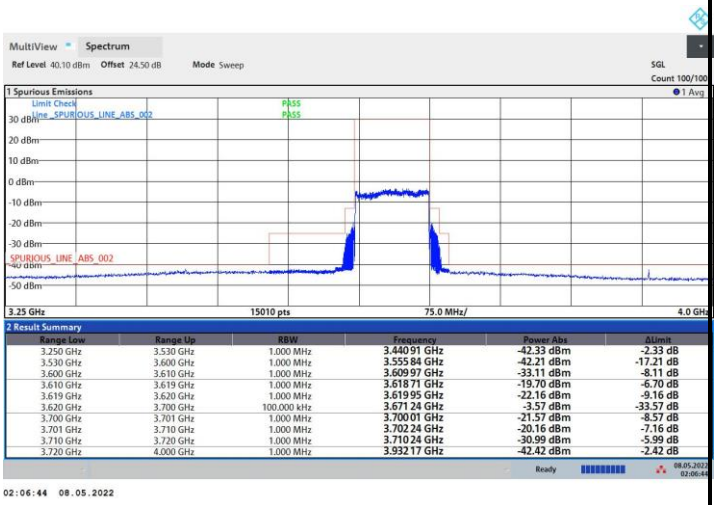
64QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.525 94 GHz	-42.11 dBm	-2.11 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.533 81 GHz	-42.23 dBm	-17.23 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 93 GHz	-33.78 dBm	-8.78 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 19 GHz	-20.20 dBm	-7.20 dB
3.619 GHz	3.620 GHz	1.000 MHz	3.619 97 GHz	-22.50 dBm	-9.50 dB
3.620 GHz	3.700 GHz	100.000 kHz	3.675 94 GHz	-3.23 dBm	-33.23 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 03 GHz	-22.19 dBm	-9.19 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 01 GHz	-19.69 dBm	-6.69 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 10 GHz	-34.12 dBm	-9.12 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.720 14 GHz	-42.82 dBm	-2.82 dB

256QAM

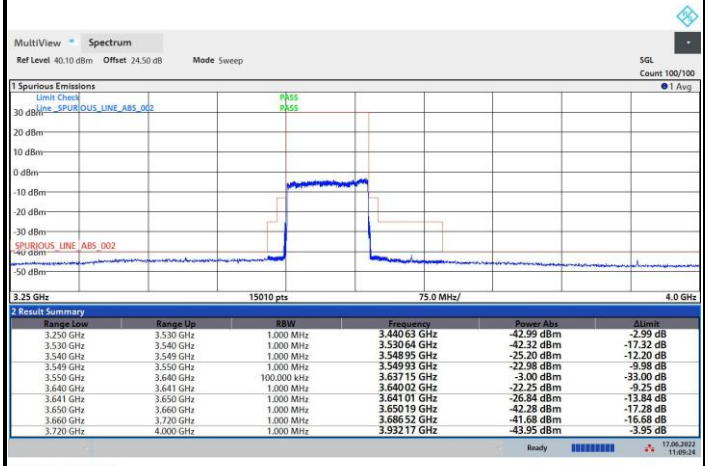


2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.33 dBm	-2.33 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.555 84 GHz	-42.21 dBm	-17.21 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 97 GHz	-33.11 dBm	-8.11 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 71 GHz	-19.70 dBm	-6.70 dB
3.619 GHz	3.620 GHz	1.000 MHz	3.619 95 GHz	-22.16 dBm	-9.16 dB
3.620 GHz	3.700 GHz	100.000 kHz	3.671 24 GHz	-3.57 dBm	-33.57 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 01 GHz	-21.57 dBm	-8.57 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.702 24 GHz	-20.16 dBm	-7.16 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 24 GHz	-30.99 dBm	-5.99 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.42 dBm	-2.42 dB

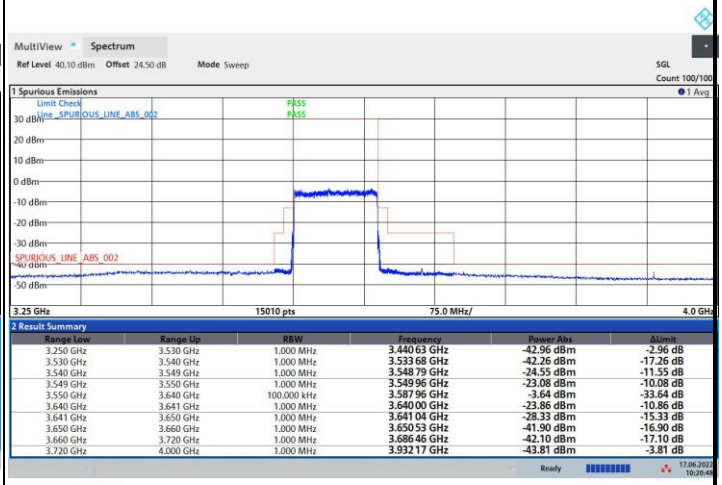
FR1 n48 / 90MHz / Lowest Channel / MASK

QPSK



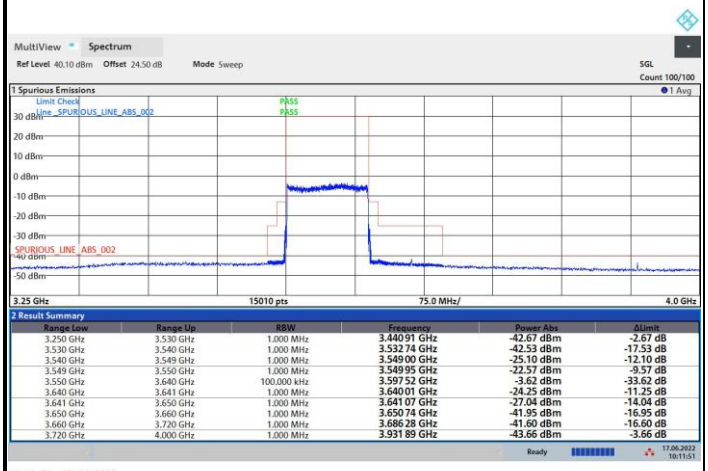
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-42.99 dBm	-2.99 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 64 GHz	-42.32 dBm	-17.32 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 95 GHz	-25.20 dBm	-12.20 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 93 GHz	-22.98 dBm	-9.98 dB
3.550 GHz	3.640 GHz	100.000 kHz	3.637 15 GHz	-3.00 dBm	-33.00 dB
3.640 GHz	3.641 GHz	1.000 MHz	3.640 02 GHz	-22.25 dBm	-9.25 dB
3.641 GHz	3.650 GHz	1.000 MHz	3.641 01 GHz	-26.84 dBm	-13.84 dB
3.650 GHz	3.660 GHz	1.000 MHz	3.650 19 GHz	-42.28 dBm	-17.28 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.686 52 GHz	-41.68 dBm	-16.68 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.95 dBm	-3.95 dB

16QAM



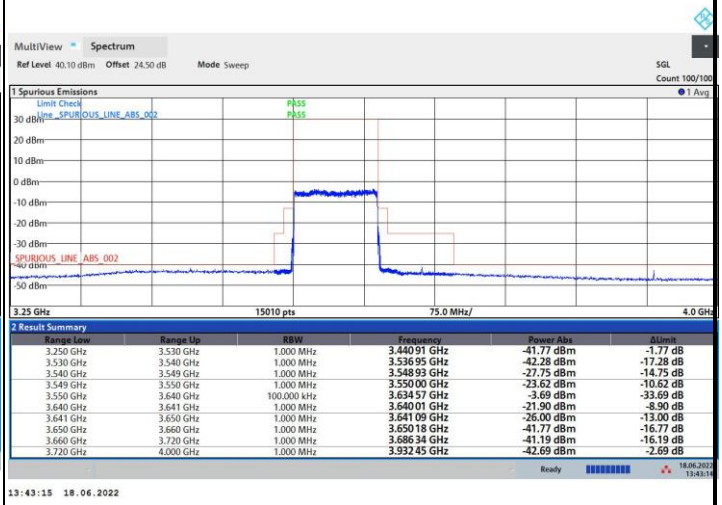
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-42.96 dBm	-2.96 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.533 68 GHz	-42.26 dBm	-17.26 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 79 GHz	-24.55 dBm	-11.55 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 96 GHz	-23.08 dBm	-10.08 dB
3.550 GHz	3.640 GHz	100.000 kHz	3.587 96 GHz	-3.64 dBm	-33.64 dB
3.640 GHz	3.641 GHz	1.000 MHz	3.640 00 GHz	-23.86 dBm	-10.86 dB
3.641 GHz	3.650 GHz	1.000 MHz	3.641 04 GHz	-28.33 dBm	-15.33 dB
3.650 GHz	3.660 GHz	1.000 MHz	3.650 53 GHz	-41.90 dBm	-16.90 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.686 46 GHz	-42.10 dBm	-17.10 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.81 dBm	-3.81 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.67 dBm	-2.67 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.532 74 GHz	-42.53 dBm	-17.53 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.549 00 GHz	-25.10 dBm	-12.10 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 95 GHz	-22.57 dBm	-9.57 dB
3.550 GHz	3.640 GHz	100.000 kHz	3.597 52 GHz	-3.62 dBm	-33.62 dB
3.640 GHz	3.641 GHz	1.000 MHz	3.640 01 GHz	-24.25 dBm	-11.25 dB
3.641 GHz	3.650 GHz	1.000 MHz	3.641 07 GHz	-27.04 dBm	-14.04 dB
3.650 GHz	3.660 GHz	1.000 MHz	3.650 74 GHz	-41.95 dBm	-16.95 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.686 28 GHz	-41.60 dBm	-16.60 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.931 89 GHz	-43.66 dBm	-3.66 dB

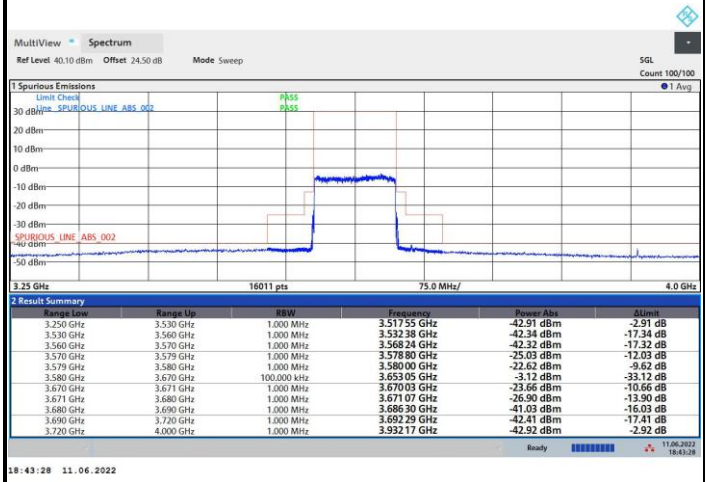
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-41.77 dBm	-1.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.536 95 GHz	-42.28 dBm	-17.28 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 93 GHz	-27.75 dBm	-14.75 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.550 00 GHz	-23.62 dBm	-10.62 dB
3.550 GHz	3.640 GHz	100.000 kHz	3.634 57 GHz	-3.69 dBm	-33.69 dB
3.640 GHz	3.641 GHz	1.000 MHz	3.640 01 GHz	-21.90 dBm	-8.90 dB
3.641 GHz	3.650 GHz	1.000 MHz	3.641 09 GHz	-26.00 dBm	-13.00 dB
3.650 GHz	3.660 GHz	1.000 MHz	3.650 18 GHz	-41.77 dBm	-16.77 dB
3.660 GHz	3.720 GHz	1.000 MHz	3.686 34 GHz	-41.19 dBm	-16.19 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-42.69 dBm	-2.69 dB

FR1 n48 / 90MHz / Middle Channel / MASK

QPSK



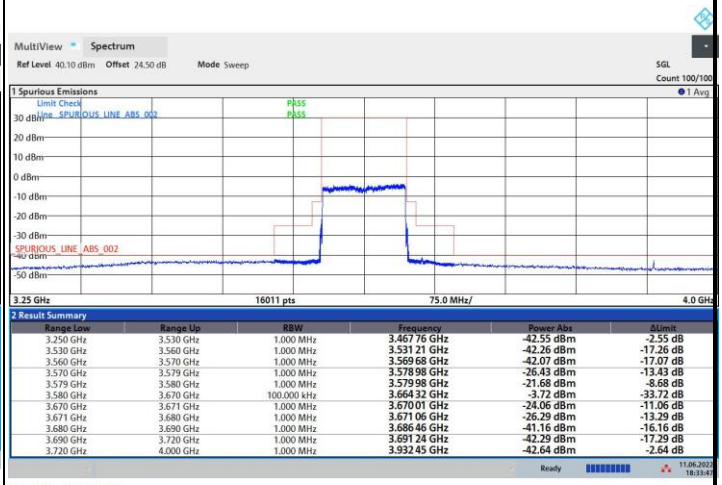
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.517 55 GHz	-42.91 dBm	-2.91 dB
3.530 GHz	3.560 GHz	1.000 MHz	3.532 38 GHz	-42.34 dBm	-17.34 dB
3.560 GHz	3.570 GHz	1.000 MHz	3.568 24 GHz	-42.32 dBm	-17.32 dB
3.570 GHz	3.579 GHz	1.000 MHz	3.578 80 GHz	-25.03 dBm	-12.03 dB
3.579 GHz	3.580 GHz	1.000 MHz	3.580 00 GHz	-22.62 dBm	-9.62 dB
3.580 GHz	3.670 GHz	100.000 kHz	3.653 05 GHz	-3.12 dBm	-33.12 dB
3.670 GHz	3.671 GHz	1.000 MHz	3.670 03 GHz	-23.66 dBm	-10.66 dB
3.671 GHz	3.680 GHz	1.000 MHz	3.671 07 GHz	-26.90 dBm	-13.90 dB
3.680 GHz	3.690 GHz	1.000 MHz	3.686 30 GHz	-41.03 dBm	-16.03 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.692 29 GHz	-42.41 dBm	-17.41 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.92 dBm	-2.92 dB

Ready 11.06.2022 18:43:28

18:43:28 11.06.2022

16QAM



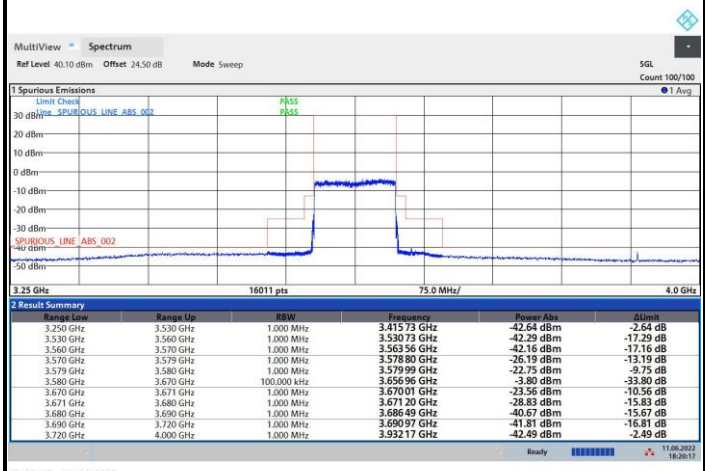
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.467 76 GHz	-42.55 dBm	-2.55 dB
3.530 GHz	3.560 GHz	1.000 MHz	3.531 21 GHz	-42.26 dBm	-17.26 dB
3.560 GHz	3.570 GHz	1.000 MHz	3.569 68 GHz	-42.07 dBm	-17.07 dB
3.570 GHz	3.579 GHz	1.000 MHz	3.578 98 GHz	-26.43 dBm	-13.43 dB
3.579 GHz	3.580 GHz	1.000 MHz	3.579 98 GHz	-21.68 dBm	-8.68 dB
3.580 GHz	3.670 GHz	100.000 kHz	3.664 32 GHz	-3.72 dBm	-33.72 dB
3.670 GHz	3.671 GHz	1.000 MHz	3.670 01 GHz	-24.06 dBm	-11.06 dB
3.671 GHz	3.680 GHz	1.000 MHz	3.671 06 GHz	-26.29 dBm	-13.29 dB
3.680 GHz	3.690 GHz	1.000 MHz	3.686 46 GHz	-41.16 dBm	-16.16 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.691 24 GHz	-42.29 dBm	-17.29 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-42.64 dBm	-2.64 dB

Ready 11.06.2022 18:33:47

18:33:48 11.06.2022

64QAM



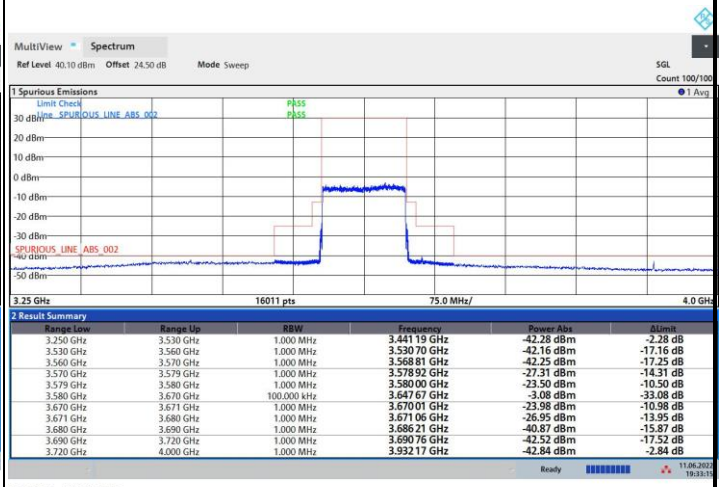
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.415 73 GHz	-42.64 dBm	-2.64 dB
3.530 GHz	3.560 GHz	1.000 MHz	3.530 73 GHz	-42.29 dBm	-17.29 dB
3.560 GHz	3.570 GHz	1.000 MHz	3.563 56 GHz	-42.16 dBm	-17.16 dB
3.570 GHz	3.579 GHz	1.000 MHz	3.578 80 GHz	-26.19 dBm	-13.19 dB
3.579 GHz	3.580 GHz	1.000 MHz	3.579 99 GHz	-22.75 dBm	-9.75 dB
3.580 GHz	3.670 GHz	100.000 kHz	3.656 96 GHz	-3.80 dBm	-33.80 dB
3.670 GHz	3.671 GHz	1.000 MHz	3.670 01 GHz	-23.56 dBm	-10.56 dB
3.671 GHz	3.680 GHz	1.000 MHz	3.671 20 GHz	-28.83 dBm	-15.83 dB
3.680 GHz	3.690 GHz	1.000 MHz	3.686 49 GHz	-40.67 dBm	-15.67 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.690 97 GHz	-41.81 dBm	-16.81 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.49 dBm	-2.49 dB

Ready 11.06.2022 18:20:17

18:20:17 11.06.2022

256QAM



2 Result Summary

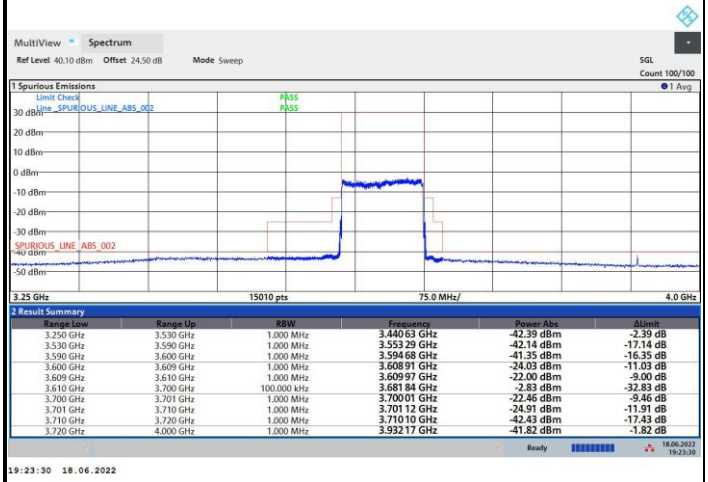
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.441 19 GHz	-42.28 dBm	-2.28 dB
3.530 GHz	3.560 GHz	1.000 MHz	3.530 70 GHz	-42.16 dBm	-17.16 dB
3.560 GHz	3.570 GHz	1.000 MHz	3.568 81 GHz	-42.25 dBm	-17.25 dB
3.570 GHz	3.579 GHz	1.000 MHz	3.578 92 GHz	-27.31 dBm	-14.31 dB
3.579 GHz	3.580 GHz	1.000 MHz	3.580 00 GHz	-23.50 dBm	-10.50 dB
3.580 GHz	3.670 GHz	100.000 kHz	3.647 67 GHz	-3.08 dBm	-33.08 dB
3.670 GHz	3.671 GHz	1.000 MHz	3.670 01 GHz	-23.98 dBm	-10.98 dB
3.671 GHz	3.680 GHz	1.000 MHz	3.671 06 GHz	-26.95 dBm	-13.95 dB
3.680 GHz	3.690 GHz	1.000 MHz	3.686 21 GHz	-40.87 dBm	-15.87 dB
3.690 GHz	3.720 GHz	1.000 MHz	3.690 76 GHz	-42.52 dBm	-17.52 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.84 dBm	-2.84 dB

Ready 11.06.2022 19:33:15

19:33:16 11.06.2022

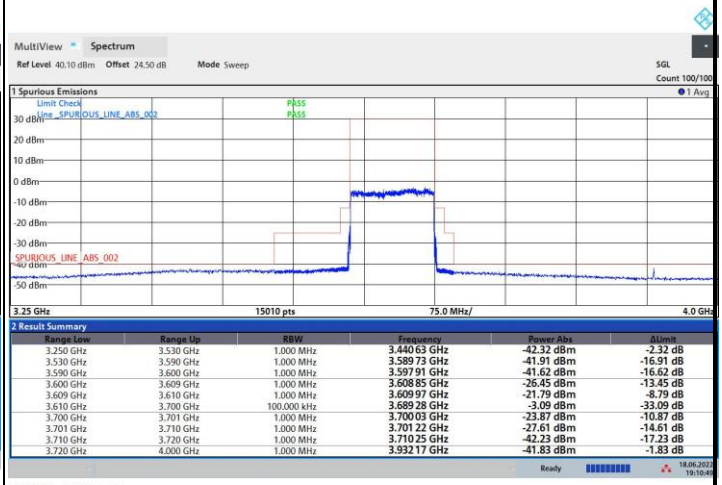
FR1 n48 / 90MHz / Highest Channel / MASK

QPSK



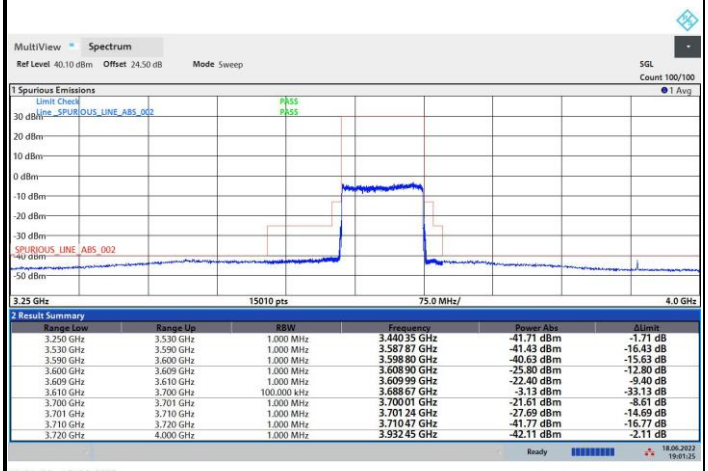
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-42.39 dBm	-2.39 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.553 29 GHz	-42.14 dBm	-17.14 dB
3.590 GHz	3.600 GHz	1.000 MHz	3.594 68 GHz	-41.35 dBm	-16.35 dB
3.600 GHz	3.609 GHz	1.000 MHz	3.608 91 GHz	-24.03 dBm	-11.03 dB
3.609 GHz	3.610 GHz	1.000 MHz	3.609 97 GHz	-22.00 dBm	-9.00 dB
3.610 GHz	3.700 GHz	100.000 kHz	3.681 84 GHz	-2.83 dBm	-32.83 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 01 GHz	-22.46 dBm	-9.46 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 12 GHz	-24.91 dBm	-11.91 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 10 GHz	-42.43 dBm	-17.43 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-41.82 dBm	-1.82 dB

16QAM



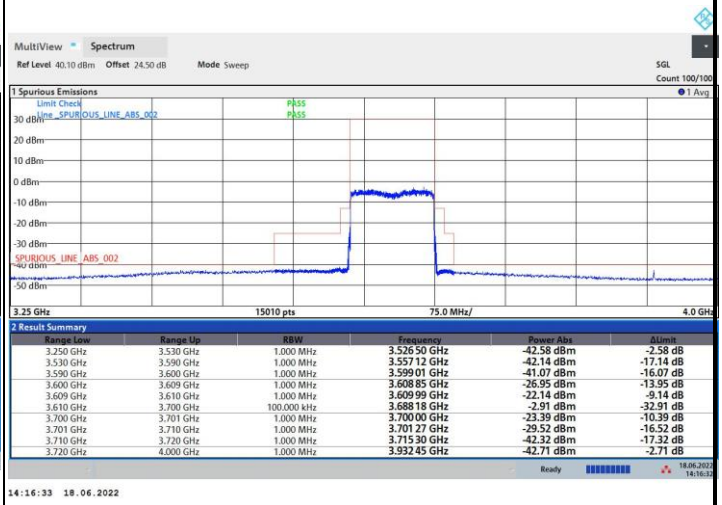
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 63 GHz	-42.32 dBm	-2.32 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.589 73 GHz	-41.91 dBm	-16.91 dB
3.590 GHz	3.600 GHz	1.000 MHz	3.597 91 GHz	-41.62 dBm	-16.62 dB
3.600 GHz	3.609 GHz	1.000 MHz	3.608 85 GHz	-26.45 dBm	-13.45 dB
3.609 GHz	3.610 GHz	1.000 MHz	3.609 97 GHz	-21.79 dBm	-8.79 dB
3.610 GHz	3.700 GHz	100.000 kHz	3.689 28 GHz	-3.09 dBm	-33.09 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 03 GHz	-23.87 dBm	-10.87 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 22 GHz	-27.61 dBm	-14.61 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 25 GHz	-42.23 dBm	-17.23 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-41.83 dBm	-1.83 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 35 GHz	-41.71 dBm	-1.71 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.587 87 GHz	-41.43 dBm	-16.43 dB
3.590 GHz	3.600 GHz	1.000 MHz	3.598 80 GHz	-40.63 dBm	-15.63 dB
3.600 GHz	3.609 GHz	1.000 MHz	3.608 90 GHz	-25.80 dBm	-12.80 dB
3.609 GHz	3.610 GHz	1.000 MHz	3.609 99 GHz	-22.40 dBm	-9.40 dB
3.610 GHz	3.700 GHz	100.000 kHz	3.688 67 GHz	-3.13 dBm	-33.13 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 01 GHz	-21.61 dBm	-8.61 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 24 GHz	-27.69 dBm	-14.69 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 47 GHz	-41.77 dBm	-16.77 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-42.11 dBm	-2.11 dB

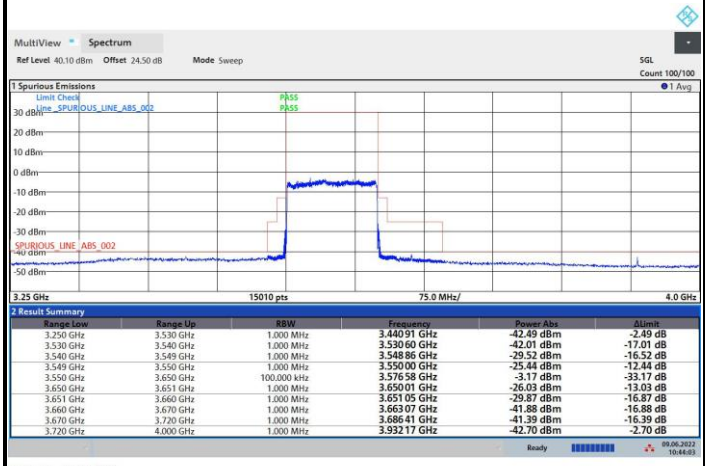
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.526 50 GHz	-42.58 dBm	-2.58 dB
3.530 GHz	3.590 GHz	1.000 MHz	3.557 12 GHz	-42.14 dBm	-17.14 dB
3.590 GHz	3.600 GHz	1.000 MHz	3.599 01 GHz	-41.07 dBm	-16.07 dB
3.600 GHz	3.609 GHz	1.000 MHz	3.608 85 GHz	-26.95 dBm	-13.95 dB
3.609 GHz	3.610 GHz	1.000 MHz	3.609 99 GHz	-22.14 dBm	-9.14 dB
3.610 GHz	3.700 GHz	100.000 kHz	3.688 18 GHz	-2.91 dBm	-32.91 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 00 GHz	-23.39 dBm	-10.39 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 27 GHz	-29.52 dBm	-16.52 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.715 30 GHz	-42.32 dBm	-17.32 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 45 GHz	-42.71 dBm	-2.71 dB

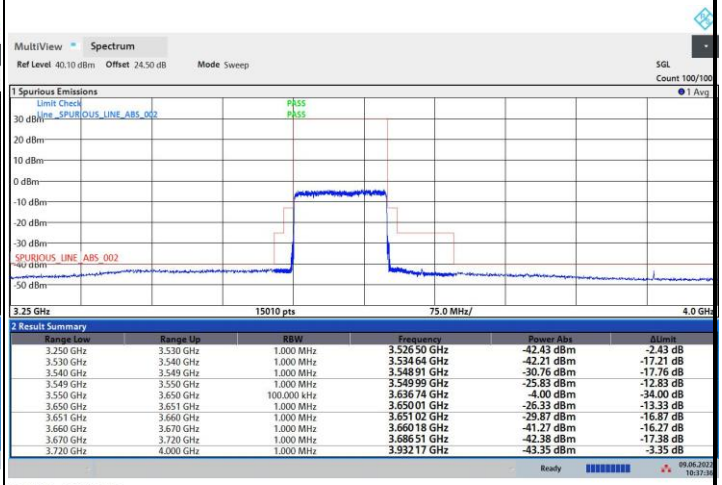
FR1 n48 / 100MHz / Lowest Channel / MASK

QPSK



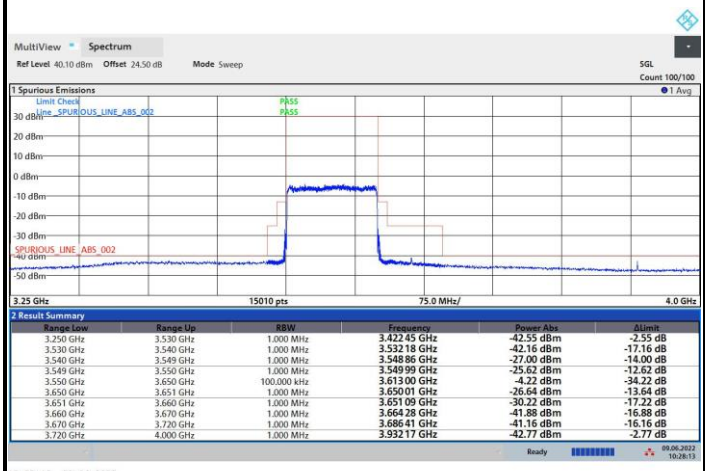
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.49 dBm	-2.49 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.530 60 GHz	-42.01 dBm	-17.01 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 86 GHz	-29.52 dBm	-16.52 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.550 00 GHz	-25.44 dBm	-12.44 dB
3.550 GHz	3.650 GHz	100.000 kHz	3.576 58 GHz	-3.17 dBm	-33.17 dB
3.650 GHz	3.651 GHz	1.000 MHz	3.650 01 GHz	-26.03 dBm	-13.03 dB
3.651 GHz	3.660 GHz	1.000 MHz	3.651 05 GHz	-29.87 dBm	-16.87 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.663 07 GHz	-41.88 dBm	-16.88 dB
3.670 GHz	3.720 GHz	1.000 MHz	3.686 41 GHz	-41.39 dBm	-16.39 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.70 dBm	-2.70 dB

16QAM



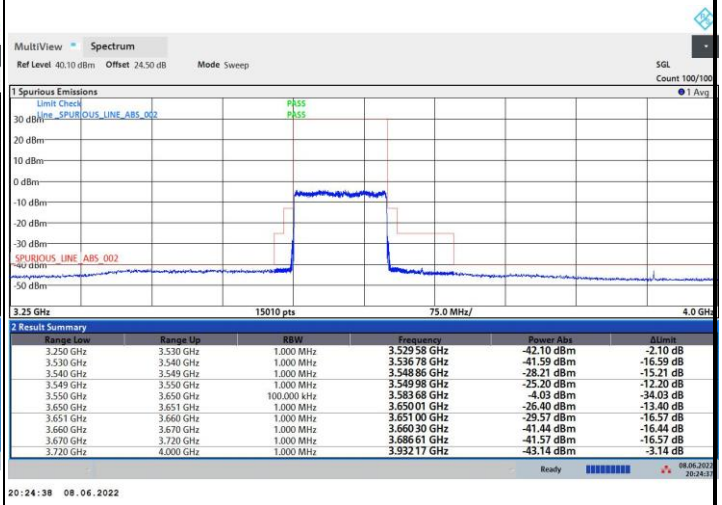
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.526 50 GHz	-42.43 dBm	-2.43 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.534 64 GHz	-42.21 dBm	-17.21 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 91 GHz	-30.76 dBm	-17.76 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 99 GHz	-25.83 dBm	-12.83 dB
3.550 GHz	3.650 GHz	100.000 kHz	3.636 74 GHz	-4.00 dBm	-34.00 dB
3.650 GHz	3.651 GHz	1.000 MHz	3.650 01 GHz	-26.33 dBm	-13.33 dB
3.651 GHz	3.660 GHz	1.000 MHz	3.651 02 GHz	-29.87 dBm	-16.87 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.660 18 GHz	-41.27 dBm	-16.27 dB
3.670 GHz	3.720 GHz	1.000 MHz	3.686 51 GHz	-42.38 dBm	-17.38 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.35 dBm	-3.35 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.422 45 GHz	-42.55 dBm	-2.55 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.532 18 GHz	-42.16 dBm	-17.16 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 86 GHz	-27.00 dBm	-14.00 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 99 GHz	-25.62 dBm	-12.62 dB
3.550 GHz	3.650 GHz	100.000 kHz	3.613 00 GHz	-4.22 dBm	-34.22 dB
3.650 GHz	3.651 GHz	1.000 MHz	3.650 01 GHz	-26.64 dBm	-13.64 dB
3.651 GHz	3.660 GHz	1.000 MHz	3.651 09 GHz	-30.22 dBm	-17.22 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.664 28 GHz	-41.88 dBm	-16.88 dB
3.670 GHz	3.720 GHz	1.000 MHz	3.686 41 GHz	-41.16 dBm	-16.16 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.77 dBm	-2.77 dB

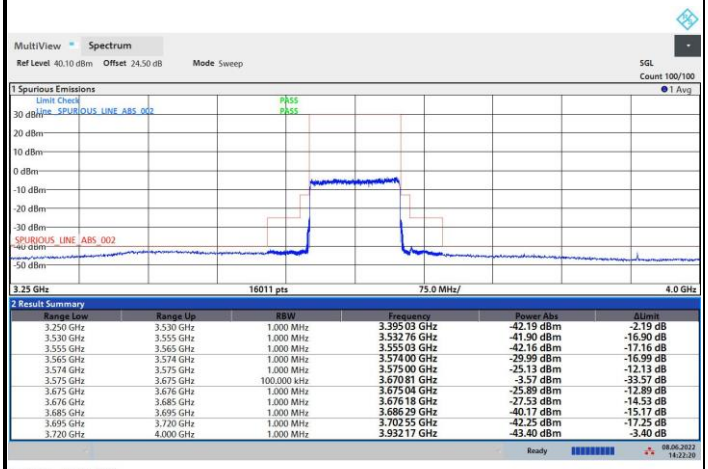
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.529 58 GHz	-42.10 dBm	-2.10 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.536 78 GHz	-41.59 dBm	-16.59 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 86 GHz	-28.21 dBm	-15.21 dB
3.549 GHz	3.550 GHz	1.000 MHz	3.549 98 GHz	-25.20 dBm	-12.20 dB
3.550 GHz	3.650 GHz	100.000 kHz	3.583 68 GHz	-4.03 dBm	-34.03 dB
3.650 GHz	3.651 GHz	1.000 MHz	3.650 01 GHz	-26.40 dBm	-13.40 dB
3.651 GHz	3.660 GHz	1.000 MHz	3.651 00 GHz	-29.57 dBm	-16.57 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.660 30 GHz	-41.44 dBm	-16.44 dB
3.670 GHz	3.720 GHz	1.000 MHz	3.686 61 GHz	-41.57 dBm	-16.57 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.14 dBm	-3.14 dB

FR1 n48 / 100MHz / Middle Channel / MASK

QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.395 03 GHz	-42.19 dBm	-2.19 dB
3.530 GHz	3.555 GHz	1.000 MHz	3.532 76 GHz	-41.90 dBm	-16.90 dB
3.555 GHz	3.565 GHz	1.000 MHz	3.555 03 GHz	-42.16 dBm	-17.16 dB
3.565 GHz	3.574 GHz	1.000 MHz	3.574 00 GHz	-29.99 dBm	-16.99 dB
3.574 GHz	3.575 GHz	1.000 MHz	3.575 00 GHz	-25.13 dBm	-12.13 dB
3.575 GHz	3.675 GHz	100.000 kHz	3.670 81 GHz	-3.57 dBm	-33.57 dB
3.675 GHz	3.676 GHz	1.000 MHz	3.675 04 GHz	-25.89 dBm	-12.89 dB
3.676 GHz	3.685 GHz	1.000 MHz	3.676 18 GHz	-27.53 dBm	-14.53 dB
3.685 GHz	3.695 GHz	1.000 MHz	3.686 29 GHz	-40.17 dBm	-15.17 dB
3.695 GHz	3.720 GHz	1.000 MHz	3.702 55 GHz	-42.25 dBm	-17.25 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.40 dBm	-3.40 dB

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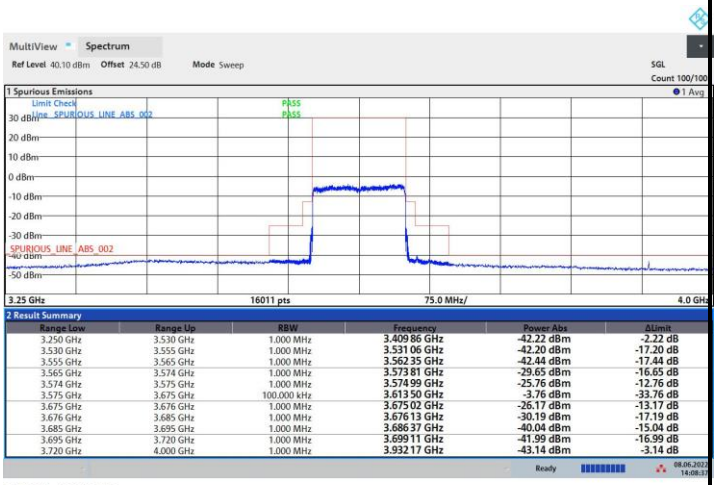
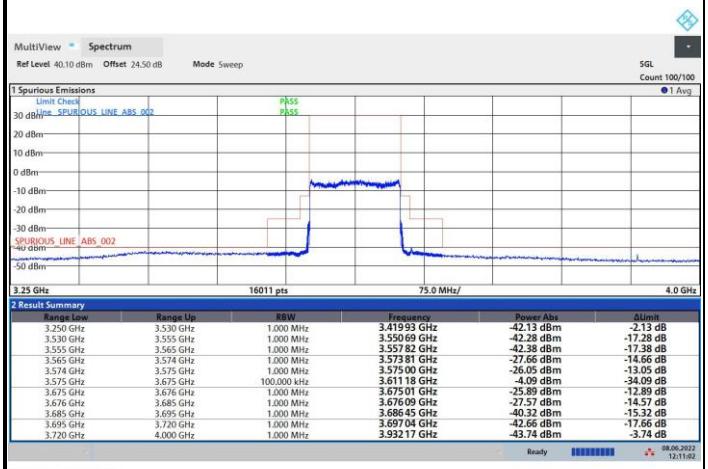
16QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.409 86 GHz	-42.22 dBm	-2.22 dB
3.530 GHz	3.555 GHz	1.000 MHz	3.531 06 GHz	-42.20 dBm	-17.20 dB
3.555 GHz	3.565 GHz	1.000 MHz	3.562 35 GHz	-42.44 dBm	-17.44 dB
3.565 GHz	3.574 GHz	1.000 MHz	3.573 81 GHz	-29.65 dBm	-16.65 dB
3.574 GHz	3.575 GHz	1.000 MHz	3.574 99 GHz	-25.76 dBm	-12.76 dB
3.575 GHz	3.675 GHz	100.000 kHz	3.613 50 GHz	-3.76 dBm	-33.76 dB
3.675 GHz	3.676 GHz	1.000 MHz	3.675 02 GHz	-26.17 dBm	-13.17 dB
3.676 GHz	3.685 GHz	1.000 MHz	3.676 13 GHz	-30.19 dBm	-17.19 dB
3.685 GHz	3.695 GHz	1.000 MHz	3.686 37 GHz	-40.04 dBm	-15.04 dB
3.695 GHz	3.720 GHz	1.000 MHz	3.699 11 GHz	-41.99 dBm	-16.99 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.14 dBm	-3.14 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.419 93 GHz	-42.13 dBm	-2.13 dB
3.530 GHz	3.555 GHz	1.000 MHz	3.550 69 GHz	-42.28 dBm	-17.28 dB
3.555 GHz	3.565 GHz	1.000 MHz	3.557 82 GHz	-42.38 dBm	-17.38 dB
3.565 GHz	3.574 GHz	1.000 MHz	3.573 81 GHz	-27.66 dBm	-14.66 dB
3.574 GHz	3.575 GHz	1.000 MHz	3.575 00 GHz	-26.05 dBm	-13.05 dB
3.575 GHz	3.675 GHz	100.000 kHz	3.611 18 GHz	-4.09 dBm	-34.09 dB
3.675 GHz	3.676 GHz	1.000 MHz	3.675 01 GHz	-25.89 dBm	-12.89 dB
3.676 GHz	3.685 GHz	1.000 MHz	3.676 09 GHz	-27.57 dBm	-14.57 dB
3.685 GHz	3.695 GHz	1.000 MHz	3.686 45 GHz	-40.32 dBm	-15.32 dB
3.695 GHz	3.720 GHz	1.000 MHz	3.697 04 GHz	-42.66 dBm	-17.66 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.74 dBm	-3.74 dB

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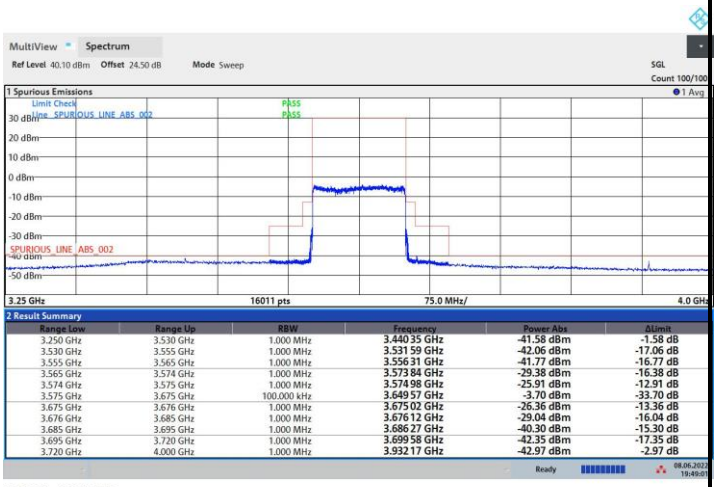
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 35 GHz	-41.58 dBm	-1.58 dB
3.530 GHz	3.555 GHz	1.000 MHz	3.531 59 GHz	-42.06 dBm	-17.06 dB
3.555 GHz	3.565 GHz	1.000 MHz	3.556 31 GHz	-41.77 dBm	-16.77 dB
3.565 GHz	3.574 GHz	1.000 MHz	3.573 84 GHz	-29.38 dBm	-16.38 dB
3.574 GHz	3.575 GHz	1.000 MHz	3.574 98 GHz	-25.91 dBm	-12.91 dB
3.575 GHz	3.675 GHz	100.000 kHz	3.649 57 GHz	-3.70 dBm	-33.70 dB
3.675 GHz	3.676 GHz	1.000 MHz	3.675 02 GHz	-26.36 dBm	-13.36 dB
3.676 GHz	3.685 GHz	1.000 MHz	3.676 12 GHz	-29.04 dBm	-16.04 dB
3.685 GHz	3.695 GHz	1.000 MHz	3.686 27 GHz	-40.30 dBm	-15.30 dB
3.695 GHz	3.720 GHz	1.000 MHz	3.699 58 GHz	-42.35 dBm	-17.35 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.97 dBm	-2.97 dB

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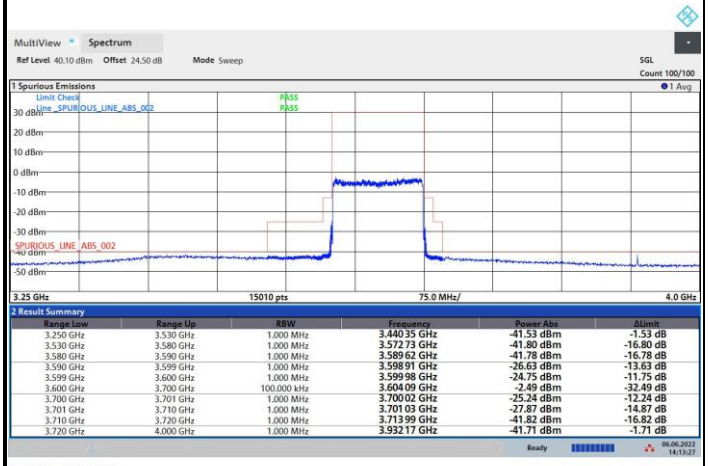
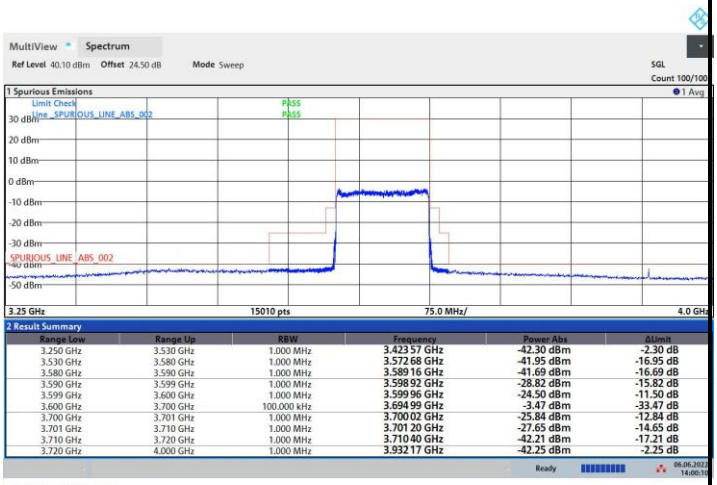
FR1 n48 / 100MHz / Highest Channel / MASK

QPSK



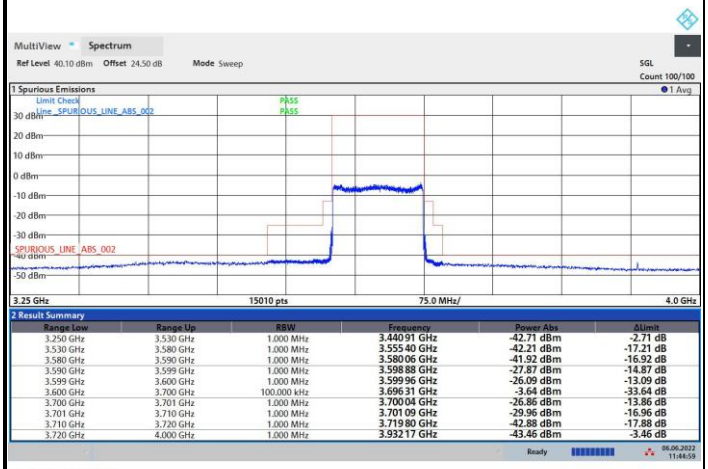
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 35 GHz	-41.53 dBm	-1.53 dB
3.530 GHz	3.580 GHz	1.000 MHz	3.572 73 GHz	-41.80 dBm	-16.80 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.589 62 GHz	-41.78 dBm	-16.78 dB
3.590 GHz	3.599 GHz	1.000 MHz	3.598 91 GHz	-26.63 dBm	-13.63 dB
3.599 GHz	3.600 GHz	1.000 MHz	3.599 98 GHz	-24.75 dBm	-11.75 dB
3.600 GHz	3.700 GHz	100.000 kHz	3.604 09 GHz	-2.49 dBm	-32.49 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 02 GHz	-25.24 dBm	-12.24 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 03 GHz	-27.87 dBm	-14.87 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.713 99 GHz	-41.82 dBm	-16.82 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-41.71 dBm	-1.71 dB

16QAM



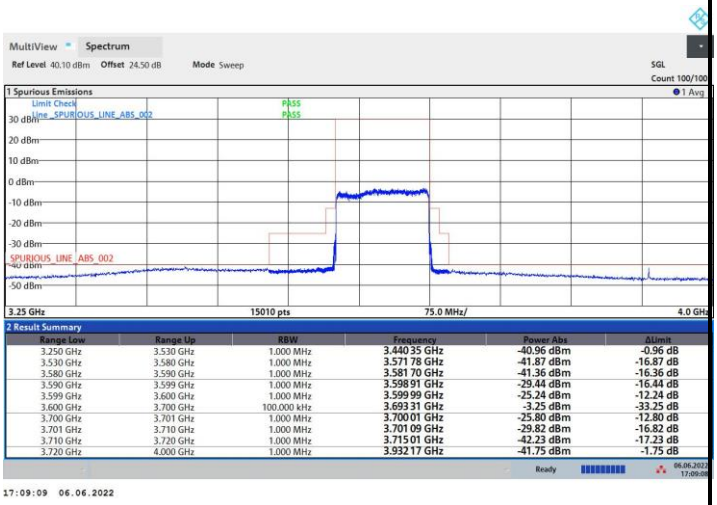
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.423 57 GHz	-42.30 dBm	-2.30 dB
3.530 GHz	3.580 GHz	1.000 MHz	3.572 68 GHz	-41.95 dBm	-16.95 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.589 16 GHz	-41.69 dBm	-16.69 dB
3.590 GHz	3.599 GHz	1.000 MHz	3.598 92 GHz	-28.82 dBm	-15.82 dB
3.599 GHz	3.600 GHz	1.000 MHz	3.599 96 GHz	-24.50 dBm	-11.50 dB
3.600 GHz	3.700 GHz	100.000 kHz	3.694 99 GHz	-3.47 dBm	-33.47 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 02 GHz	-25.84 dBm	-12.84 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 20 GHz	-27.65 dBm	-14.65 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 40 GHz	-42.21 dBm	-17.21 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-42.25 dBm	-2.25 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 91 GHz	-42.71 dBm	-2.71 dB
3.530 GHz	3.580 GHz	1.000 MHz	3.555 40 GHz	-42.21 dBm	-17.21 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 06 GHz	-41.92 dBm	-16.92 dB
3.590 GHz	3.599 GHz	1.000 MHz	3.598 88 GHz	-27.87 dBm	-14.87 dB
3.599 GHz	3.600 GHz	1.000 MHz	3.599 96 GHz	-26.09 dBm	-13.09 dB
3.600 GHz	3.700 GHz	100.000 kHz	3.696 31 GHz	-3.64 dBm	-33.64 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 04 GHz	-26.86 dBm	-13.86 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 09 GHz	-29.96 dBm	-16.96 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.719 80 GHz	-42.88 dBm	-17.88 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-43.46 dBm	-3.46 dB

256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.440 35 GHz	-40.96 dBm	-0.96 dB
3.530 GHz	3.580 GHz	1.000 MHz	3.571 78 GHz	-41.87 dBm	-16.87 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.581 70 GHz	-41.36 dBm	-16.36 dB
3.590 GHz	3.599 GHz	1.000 MHz	3.598 91 GHz	-29.44 dBm	-16.44 dB
3.599 GHz	3.600 GHz	1.000 MHz	3.599 99 GHz	-25.24 dBm	-12.24 dB
3.600 GHz	3.700 GHz	100.000 kHz	3.693 31 GHz	-3.25 dBm	-33.25 dB
3.700 GHz	3.701 GHz	1.000 MHz	3.700 01 GHz	-25.80 dBm	-12.80 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 09 GHz	-29.82 dBm	-16.82 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.715 01 GHz	-42.23 dBm	-17.23 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.932 17 GHz	-41.75 dBm	-1.75 dB

Conducted Spurious Emission

FR1 n48 / 10MHz / QPSK / CSE

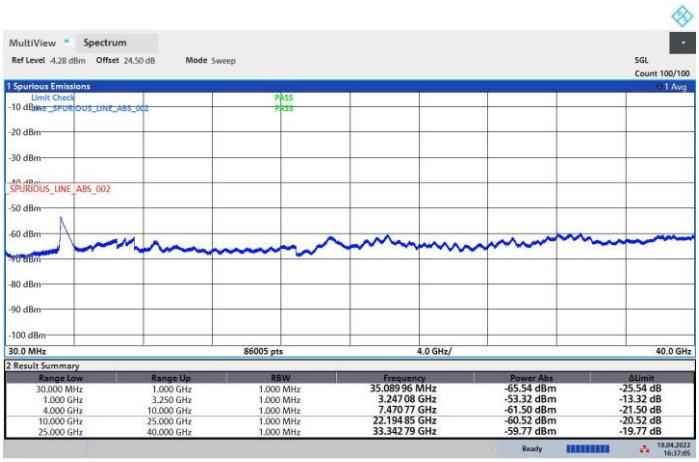
Lowest Channel

16:55:10 19.04.2022

Middle Channel

11:39:45 26.04.2022

Highest Channel



16:37:05 19.04.2022

FR1 n48 / 20MHz / QPSK / CSE

Lowest Channel

21:00:03 19.04.2022

Middle Channel

15:40:13 20.04.2022

Highest Channel

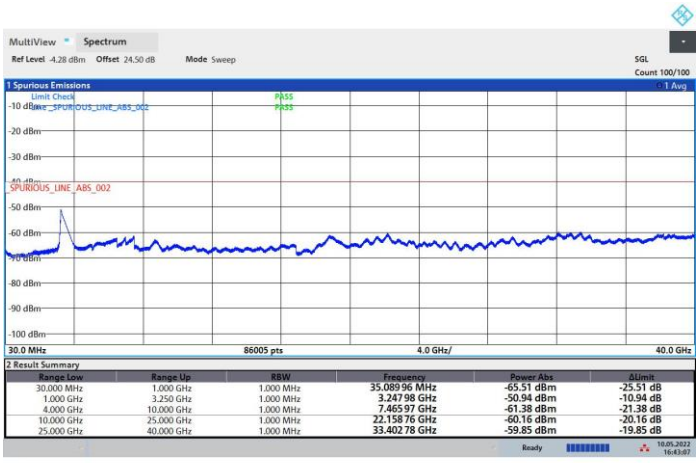
12:02:02 20.04.2022

FR1 n48 / 40MHz / QPSK / CSE

Lowest Channel

Middle Channel

Highest Channel

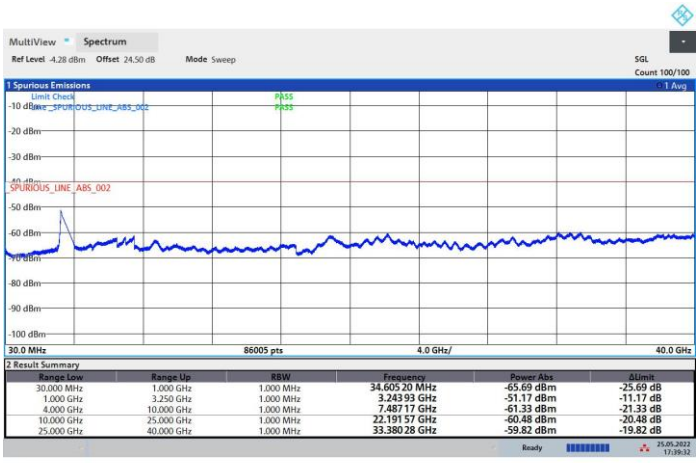


FR1 n48 / 50MHz / QPSK / CSE

Lowest Channel

Middle Channel

Highest Channel



FR1 n48 / 60MHz / QPSK / CSE

Lowest Channel

Middle Channel

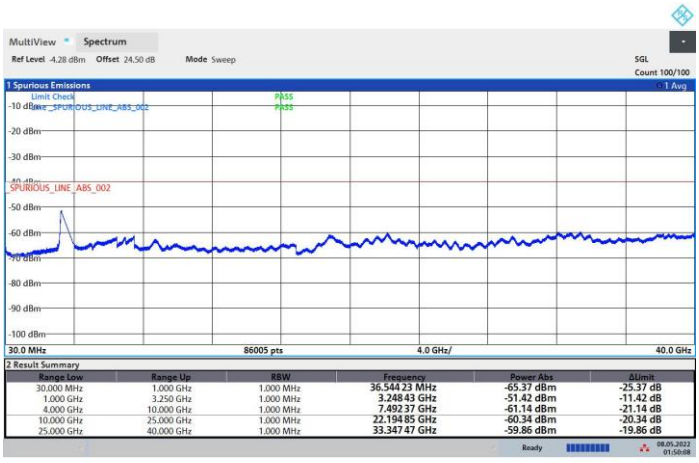
Highest Channel

FR1 n48 / 80MHz / QPSK / CSE

Lowest Channel

Middle Channel

Highest Channel



FR1 n48 / 90MHz / QPSK / CSE

Lowest Channel

Middle Channel

Highest Channel

FR1 n48 / 100MHz / QPSK / CSE

Lowest Channel

10:45:18 09.06.2022

Middle Channel

14:19:49 08.06.2022

Highest Channel

14:12:03 06.06.2022

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	1.9310	PASS
40	Normal Voltage	1.1035	
30	Normal Voltage	0.8276	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.2759	
0	Normal Voltage	0.2759	
-10	Normal Voltage	1.6552	
-20	Normal Voltage	1.9310	
-30	Normal Voltage	2.4828	
20	Maximum Voltage	2.4828	
20	Normal Voltage	0.2759	
20	Minimum Voltage	1.6552	

Note:

1. Normal Voltage = 110 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		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	6.08	6.29	6.75	6.96	7.15	6.96	7.32	7.06
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	6.17	6.12	6.94	6.23	7.17	6.76	7.19	7.21
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	7.21	7.53	7.58	7.61	7.58	7.59	7.69	7.77
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	7.18	7.55	7.74	7.52	7.55	7.74	7.55	7.58

Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	19.10	19.31	19.77	19.98	20.17	19.98	20.34	20.08
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	19.19	19.14	19.96	19.25	20.19	19.78	20.21	20.23
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	20.23	20.55	20.60	20.63	20.60	20.61	20.71	20.79
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	20.20	20.57	20.76	20.54	20.57	20.76	20.57	20.60
Limit	30dBm/10MHz							
Result	PASS							

Note

1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 7dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.82	4.96	6.65	6.75	6.76	6.67	7.42	7.10
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.94	4.74	6.79	6.54	6.51	7.03	6.91	7.09
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	6.99	7.17	7.51	7.23	7.57	7.63	7.84	7.96
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	7.23	7.25	7.44	7.46	7.34	7.68	7.71	7.74

Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	17.84	17.98	19.67	19.77	19.78	19.69	20.44	20.12
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	17.96	17.76	19.81	19.56	19.53	20.05	19.93	20.11
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	20.01	20.19	20.53	20.25	20.59	20.65	20.86	20.98
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	20.25	20.27	20.46	20.48	20.36	20.70	20.73	20.76
Limit	30dBm/10MHz							
Result	PASS							

Note

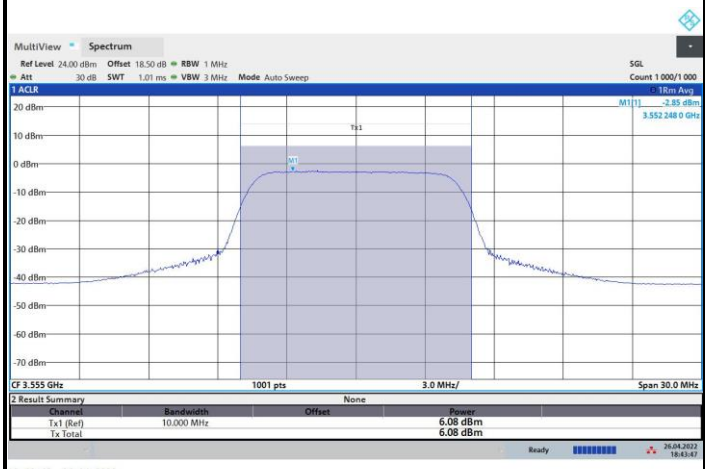
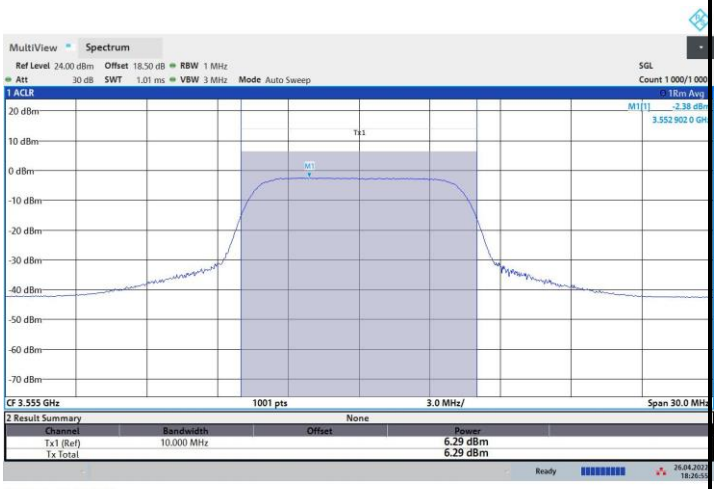
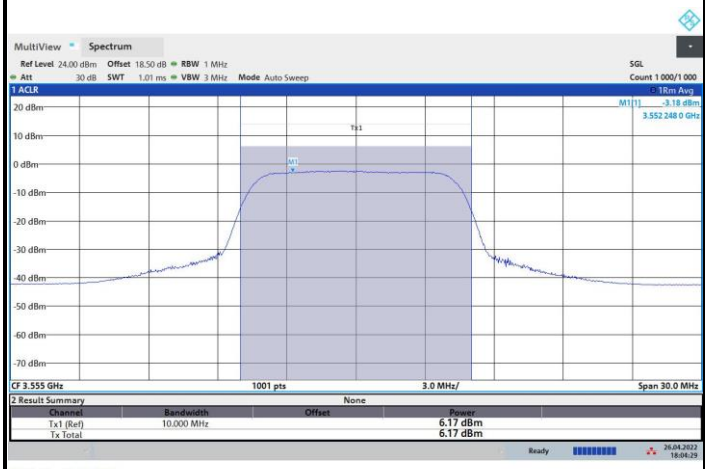
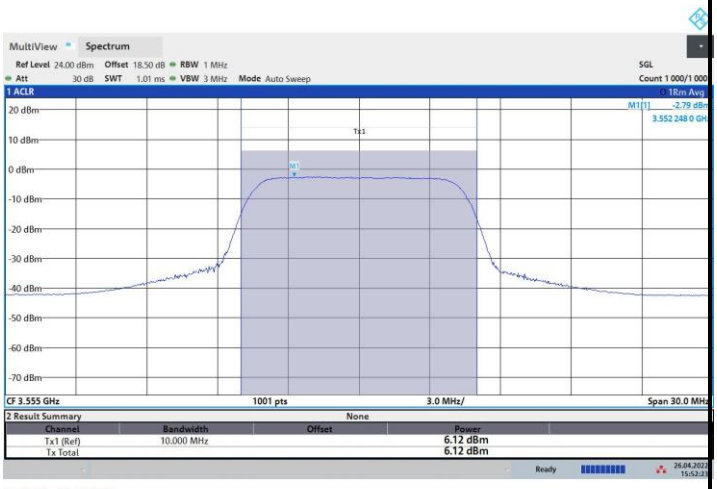
1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 7dBi MIMO antenna gain.

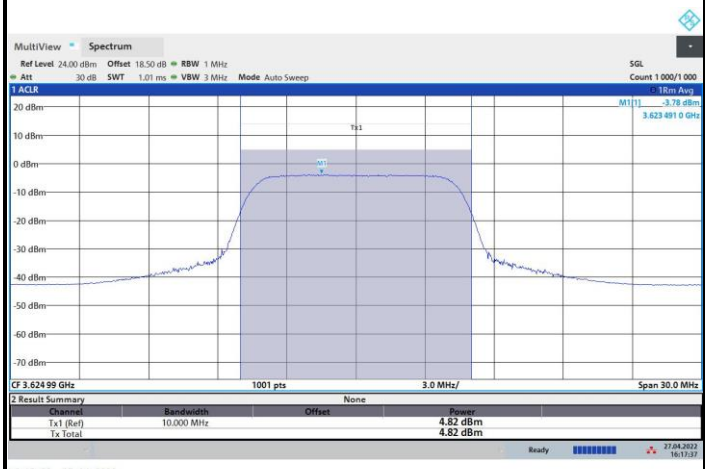
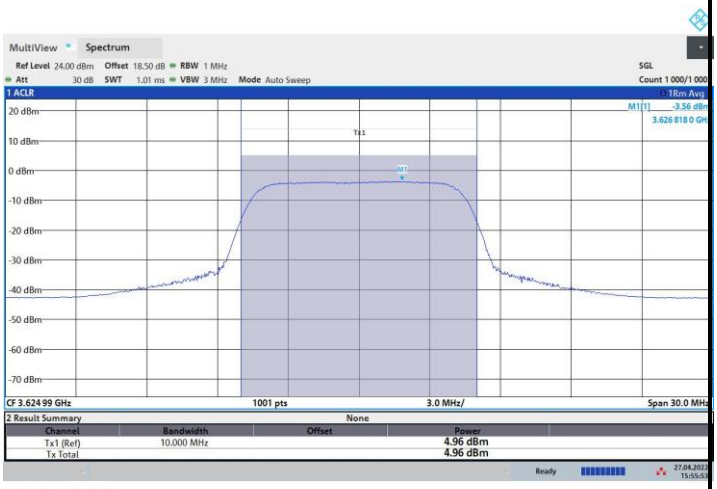
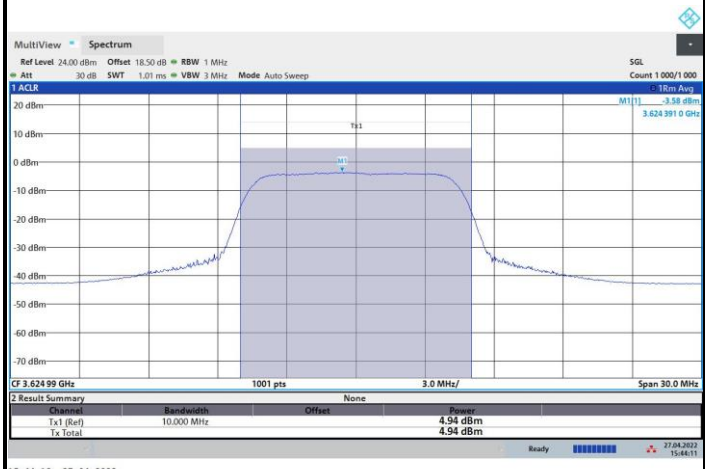
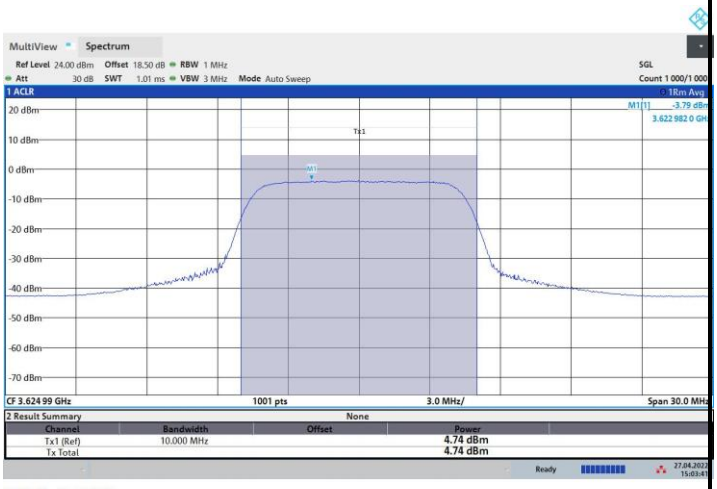
Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	6.13	6.08	6.61	6.66	6.79	6.84	7.13	7.23
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	6.04	5.79	6.39	6.21	7.00	6.76	6.84	6.79
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	6.57	6.70	7.19	7.31	7.87	7.57	8.37	8.13
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	6.90	6.68	7.56	7.19	7.72	7.50	7.80	7.81

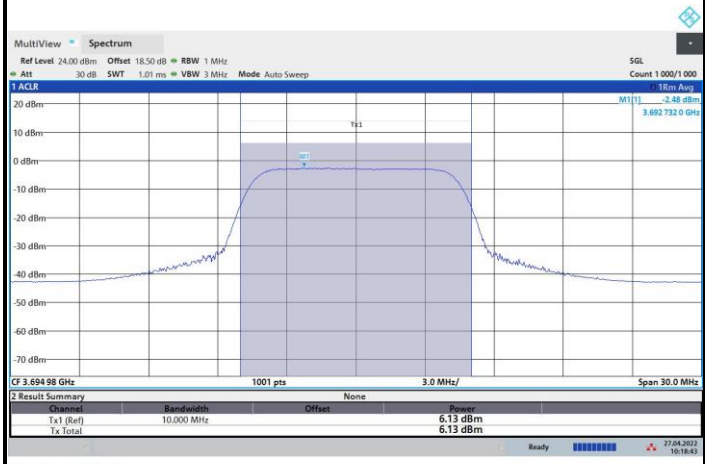
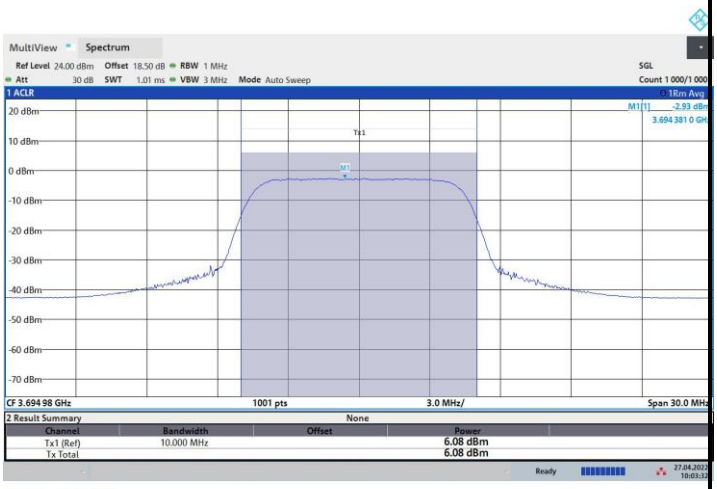
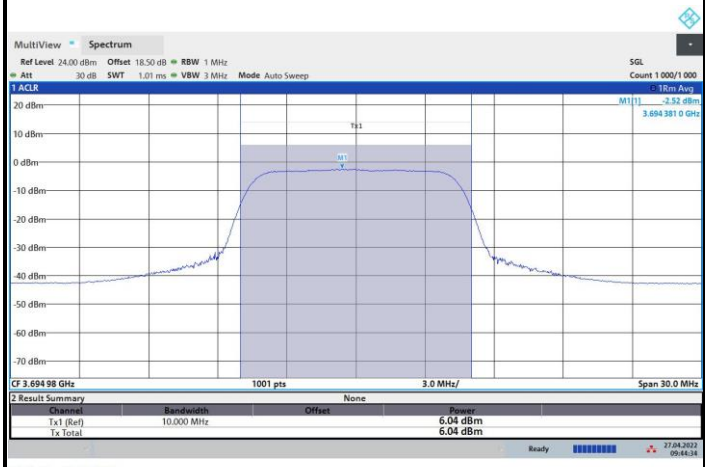
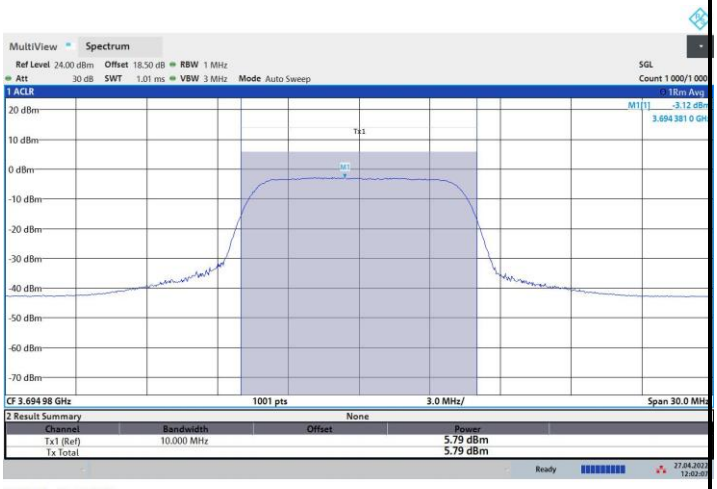
Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	19.15	19.10	19.63	19.68	19.81	19.86	20.15	20.25
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	19.06	18.81	19.41	19.23	20.02	19.78	19.86	19.81
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	19.59	19.72	20.21	20.33	20.89	20.59	21.39	21.15
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	19.92	19.70	20.58	20.21	20.74	20.52	20.82	20.83
Limit	30dBm/10MHz							
Result	PASS							

Note

1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 7dBi MIMO antenna gain.

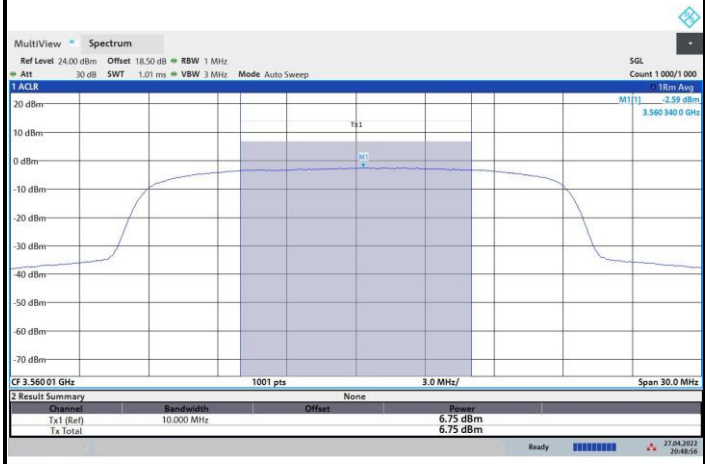
FR1 n48 / 10MHz / Lowest Channel / Conducted (dBm/10MHz)	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n48 / 10MHz / Middle Channel / Conducted (dBm/10MHz)	
QPSK	16QAM
	
64QAM	256QAM
	

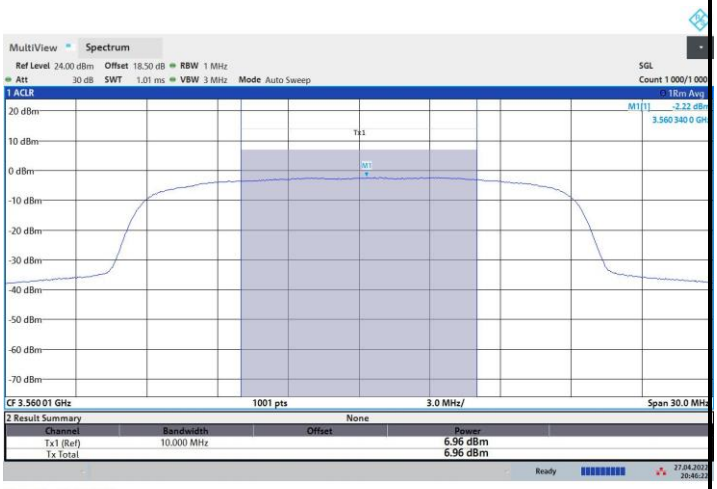
FR1 n48 / 10MHz / Highest Channel / Conducted (dBm/10MHz)	
QPSK	16QAM
	
64QAM	256QAM
	

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

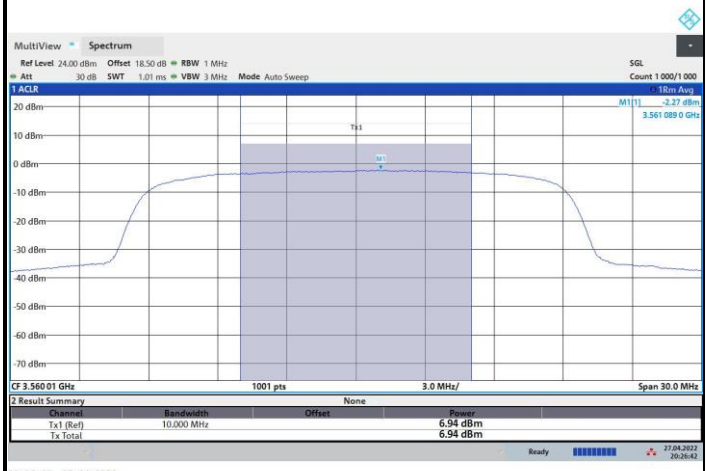
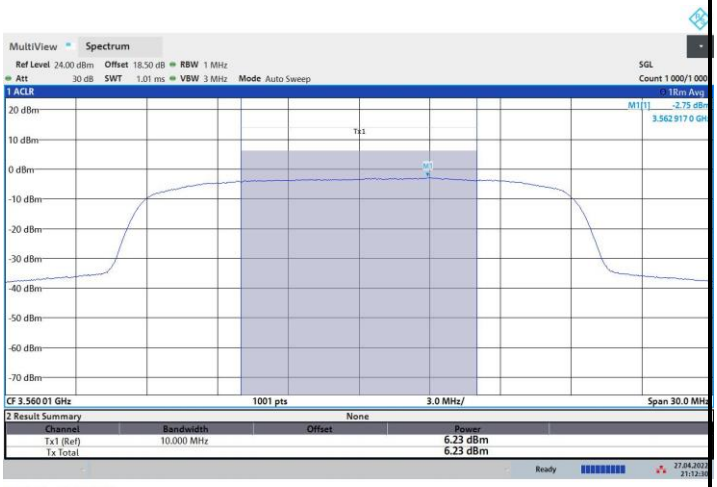
QPSK



16QAM



64QAM



256QAM