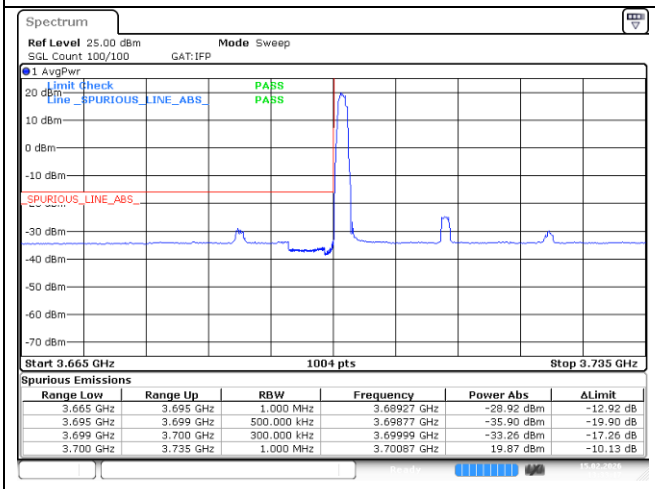
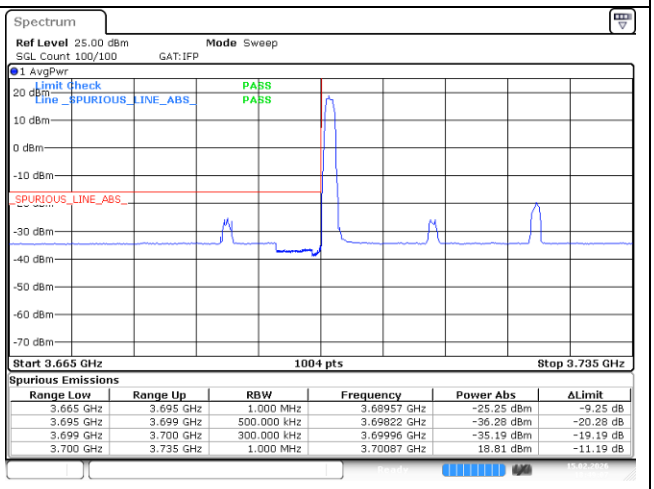
NR band 77/78_High Band (25 ㎒)_MIMO_FCC

Port 1

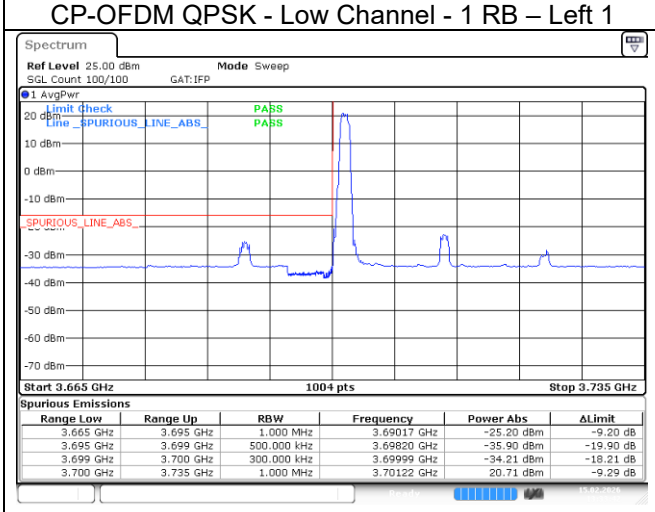


CP-OFDM QPSK - Low Channel - 1 RB – Left 1

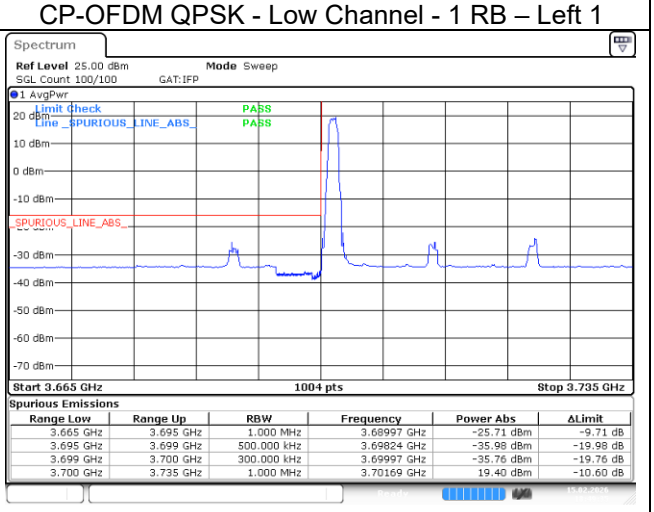
Port 2



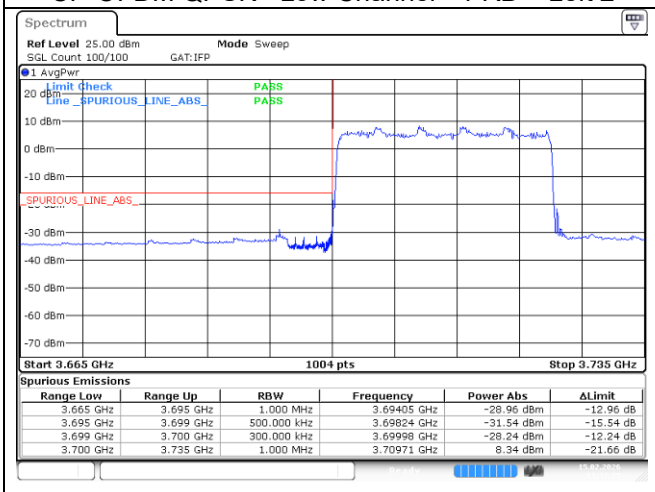
CP-OFDM QPSK - Low Channel - 1 RB – Left 1



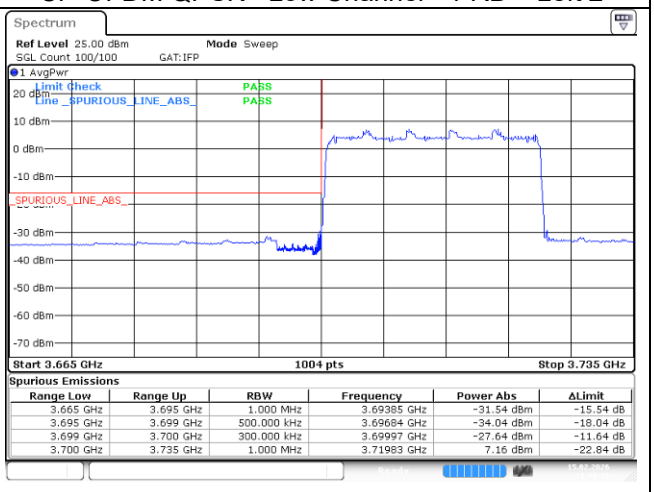
CP-OFDM QPSK - Low Channel - 1 RB – Left 2



CP-OFDM QPSK - Low Channel - 1 RB – Left 2



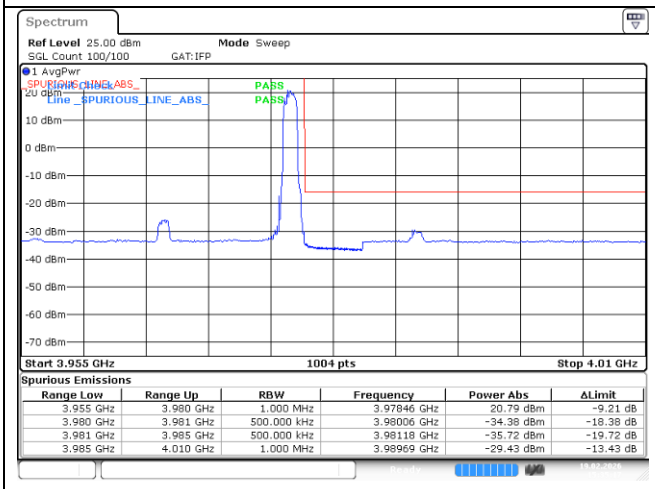
CP-OFDM QPSK - Low Channel - Full RB



CP-OFDM QPSK - Low Channel - Full RB

NR band 77/78_High Band (25 ㎒)_MIMO_FCC

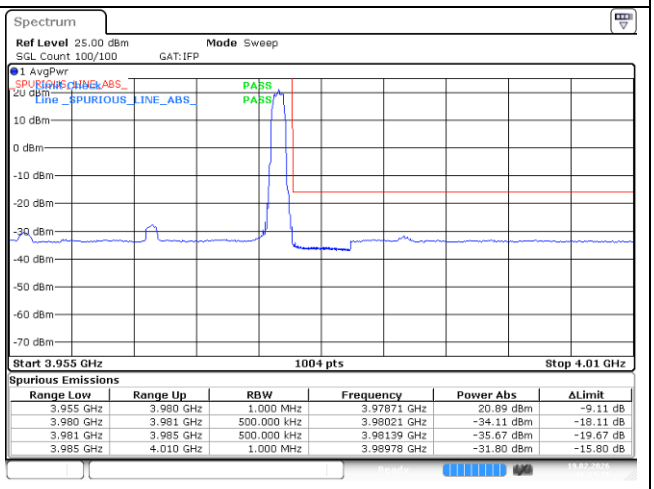
Port 1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.955 GHz	3.980 GHz	1.000 MHz	3.97846 GHz	20.79 dBm	-9.21 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98006 GHz	-34.38 dBm	-18.38 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98118 GHz	-35.72 dBm	-19.72 dB
3.985 GHz	4.010 GHz	1.000 MHz	3.98969 GHz	-29.43 dBm	-13.43 dB

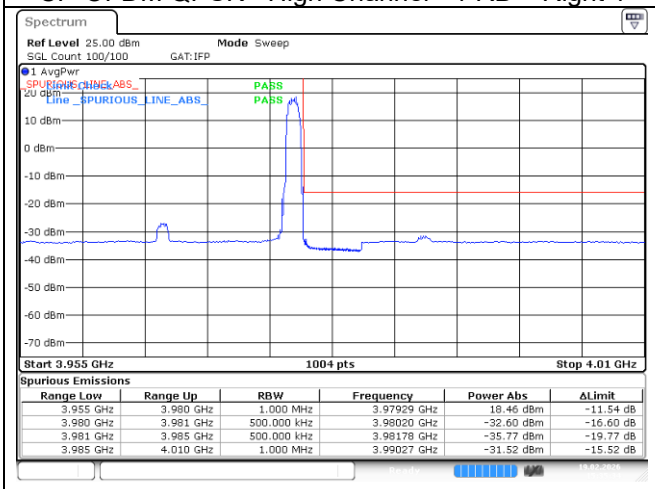
CP-OFDM QPSK - High Channel - 1 RB – Right 1

Port 2



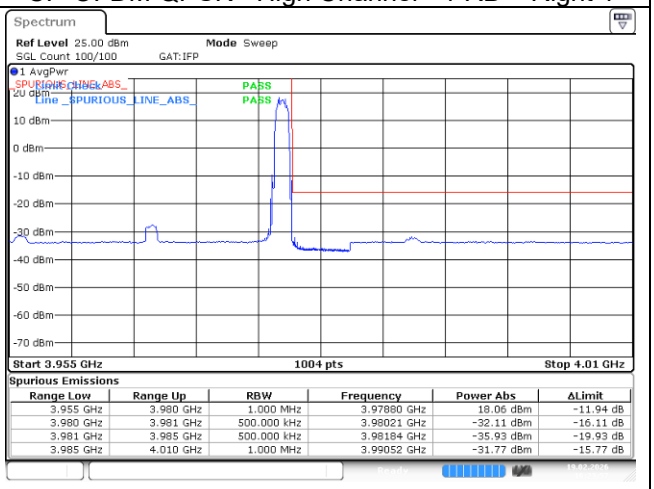
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.955 GHz	3.980 GHz	1.000 MHz	3.97871 GHz	20.89 dBm	-9.11 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98021 GHz	-34.11 dBm	-18.11 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98139 GHz	-35.67 dBm	-19.67 dB
3.985 GHz	4.010 GHz	1.000 MHz	3.98978 GHz	-31.80 dBm	-15.80 dB

CP-OFDM QPSK - High Channel - 1 RB – Right 1



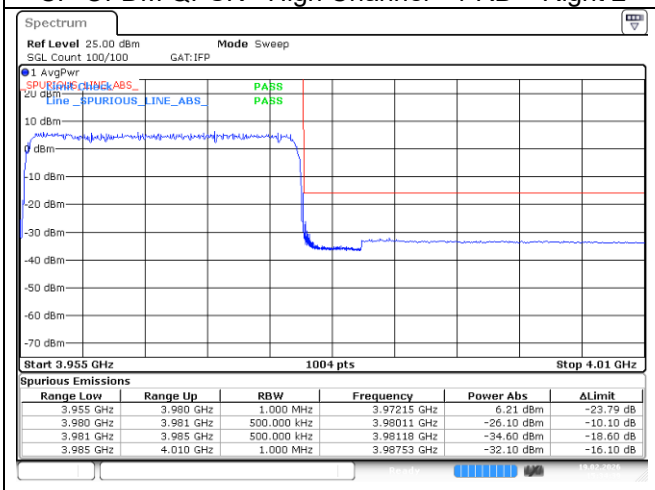
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.955 GHz	3.980 GHz	1.000 MHz	3.97929 GHz	18.46 dBm	-11.54 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98020 GHz	-32.60 dBm	-16.60 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98178 GHz	-35.77 dBm	-19.77 dB
3.985 GHz	4.010 GHz	1.000 MHz	3.99027 GHz	-31.52 dBm	-15.52 dB

CP-OFDM QPSK - High Channel - 1 RB – Right 2



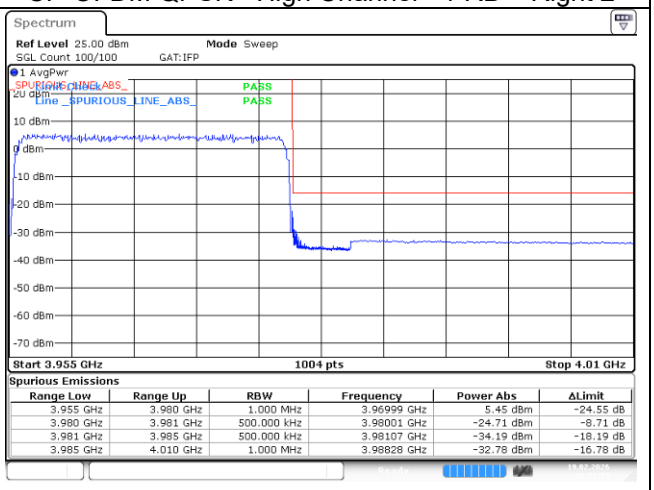
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.955 GHz	3.980 GHz	1.000 MHz	3.97880 GHz	18.06 dBm	-11.94 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98021 GHz	-32.11 dBm	-16.11 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98184 GHz	-35.93 dBm	-19.93 dB
3.985 GHz	4.010 GHz	1.000 MHz	3.99052 GHz	-31.77 dBm	-15.77 dB

CP-OFDM QPSK - High Channel - 1 RB – Right 2



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.955 GHz	3.980 GHz	1.000 MHz	3.97215 GHz	6.21 dBm	-23.79 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98011 GHz	-26.10 dBm	-10.10 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98118 GHz	-34.60 dBm	-18.60 dB
3.985 GHz	4.010 GHz	1.000 MHz	3.98753 GHz	-32.10 dBm	-16.10 dB

CP-OFDM QPSK - High Channel - Full RB

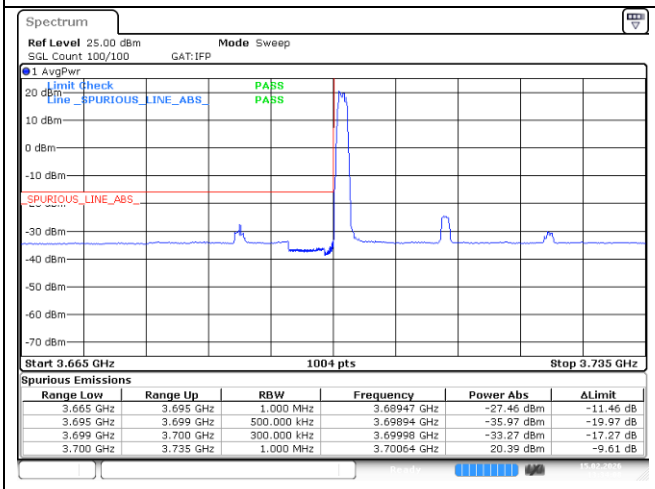


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.955 GHz	3.980 GHz	1.000 MHz	3.96999 GHz	5.45 dBm	-24.55 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-24.71 dBm	-8.71 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98107 GHz	-34.19 dBm	-18.19 dB
3.985 GHz	4.010 GHz	1.000 MHz	3.98828 GHz	-32.78 dBm	-16.78 dB

CP-OFDM QPSK - High Channel - Full RB

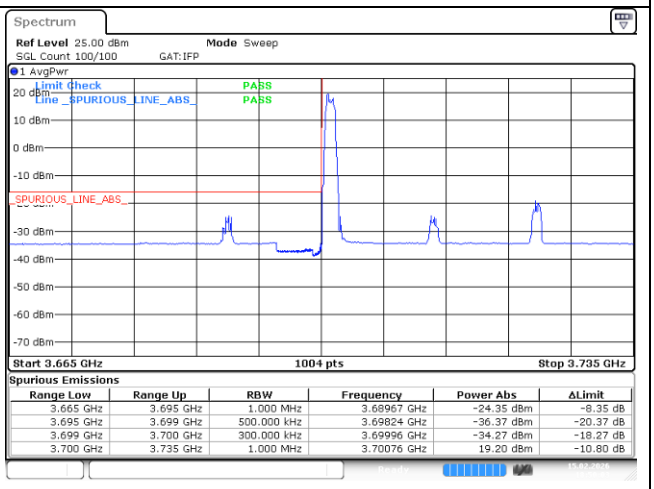
NR band 77/78_High Band (25 ㎒)_MIMO_FCC

Port 1

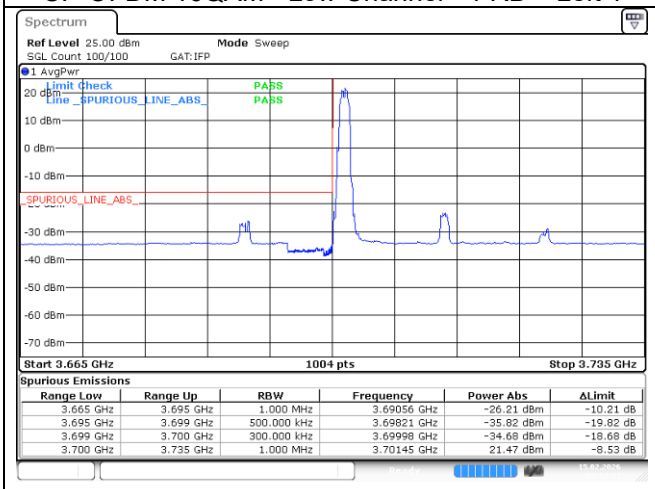


CP-OFDM 16QAM - Low Channel - 1 RB – Left 1

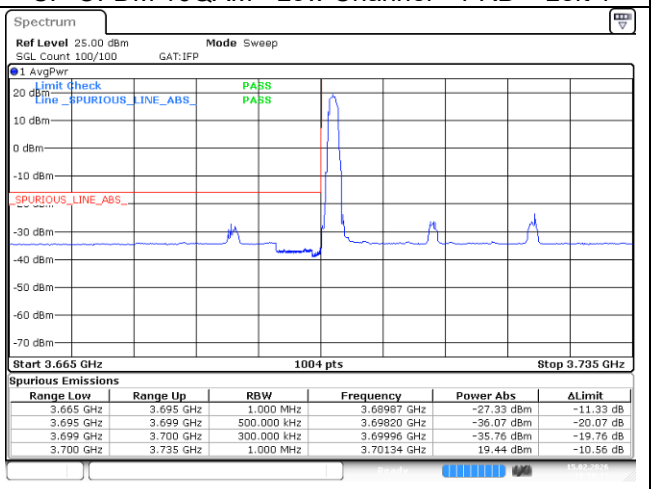
Port 2



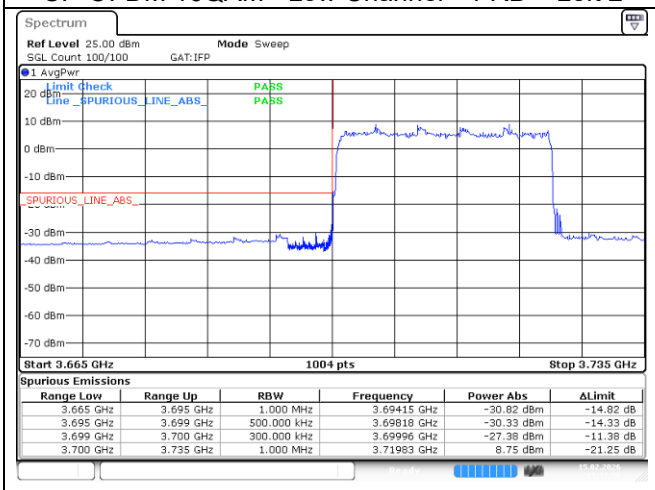
CP-OFDM 16QAM - Low Channel - 1 RB – Left 1



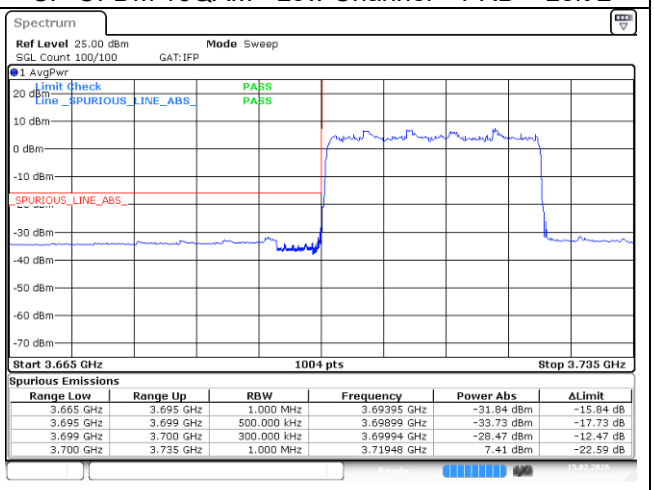
CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



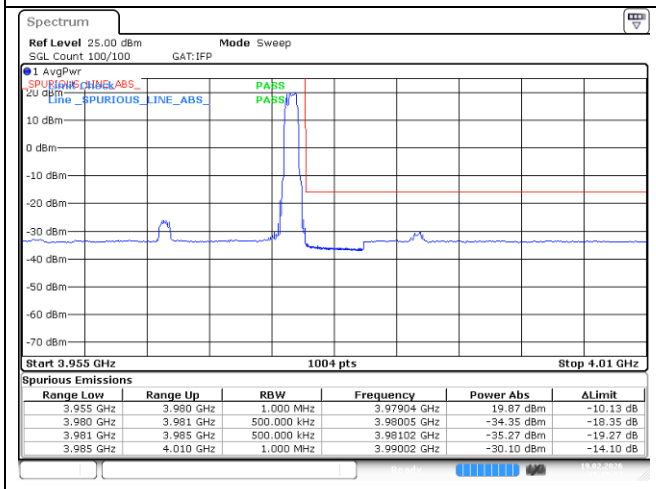
CP-OFDM 16QAM - Low Channel - Full RB



CP-OFDM 16QAM - Low Channel - Full RB

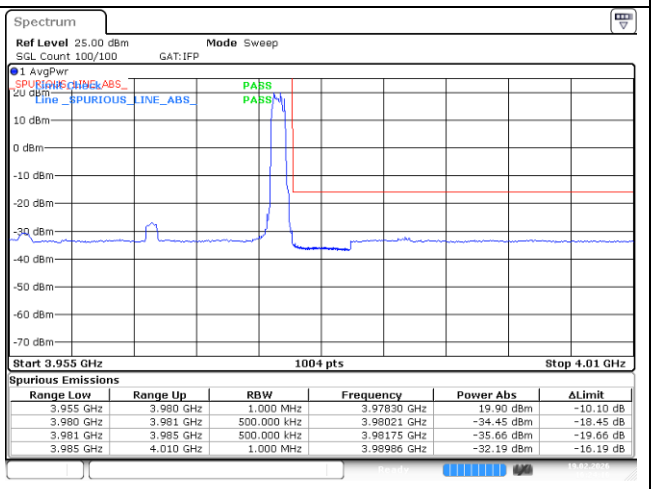
NR band 77/78_High Band (25 ㎒)_MIMO_FCC

Port 1

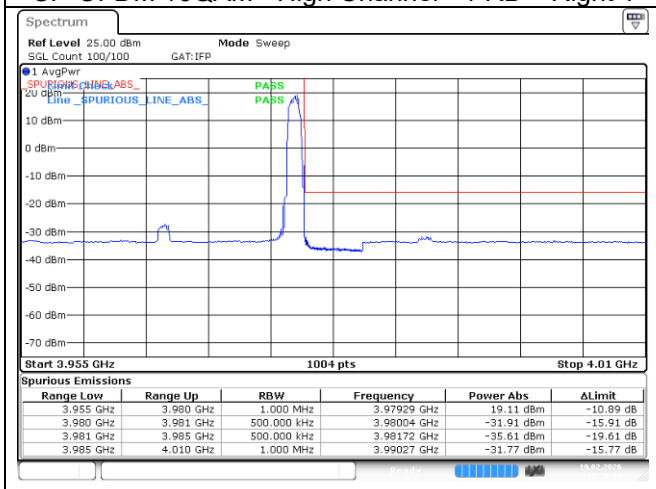


CP-OFDM 16QAM - High Channel - 1 RB – Right 1

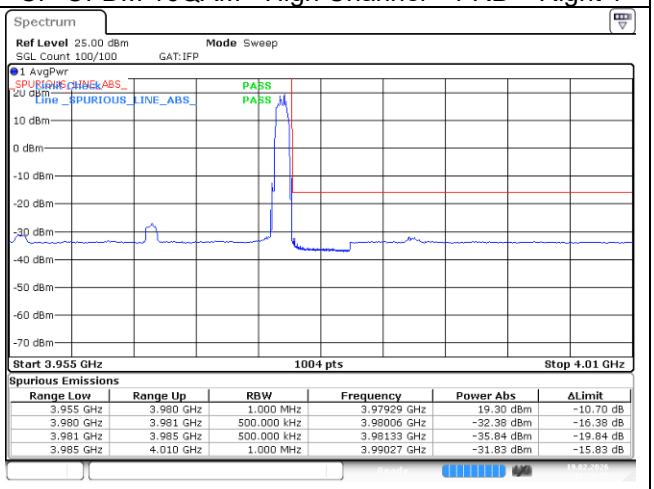
Port 2



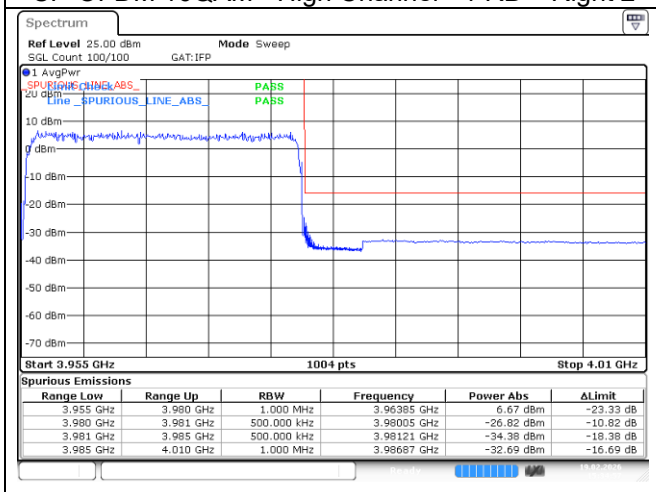
CP-OFDM 16QAM - High Channel - 1 RB – Right 1



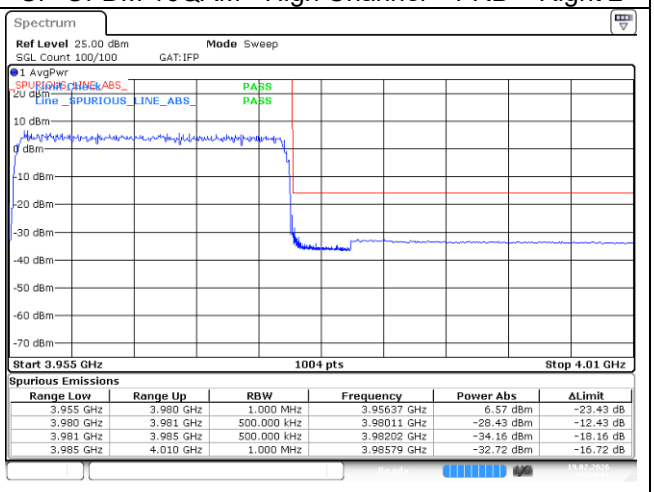
CP-OFDM 16QAM - High Channel - 1 RB – Right 2



CP-OFDM 16QAM - High Channel - 1 RB – Right 2



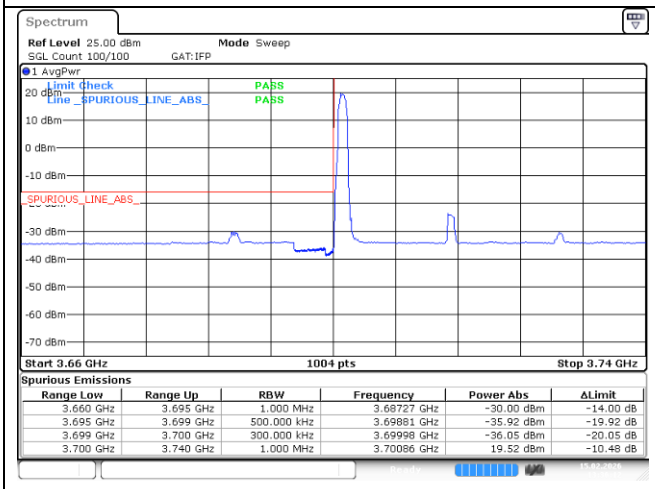
CP-OFDM 16QAM - High Channel - Full RB



CP-OFDM 16QAM - High Channel - Full RB

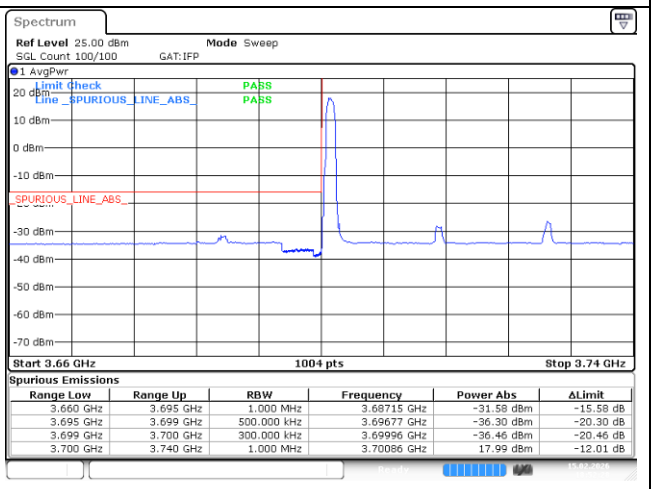
NR band 77/78_High Band (30 ㎒)_MIMO_FCC

Port 1

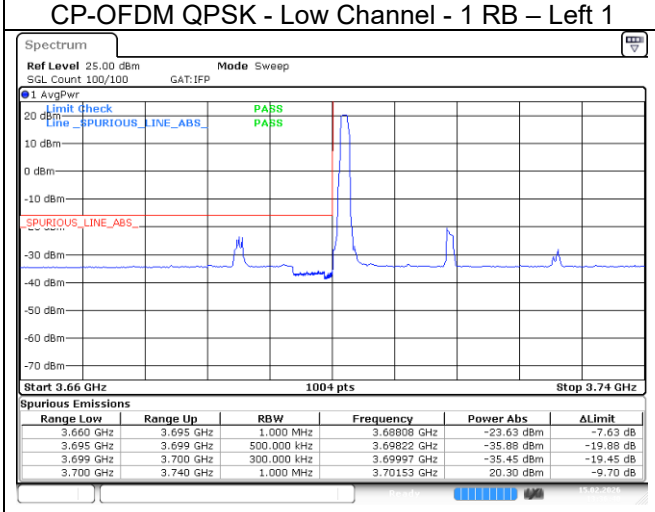


CP-OFDM QPSK - Low Channel - 1 RB – Left 1

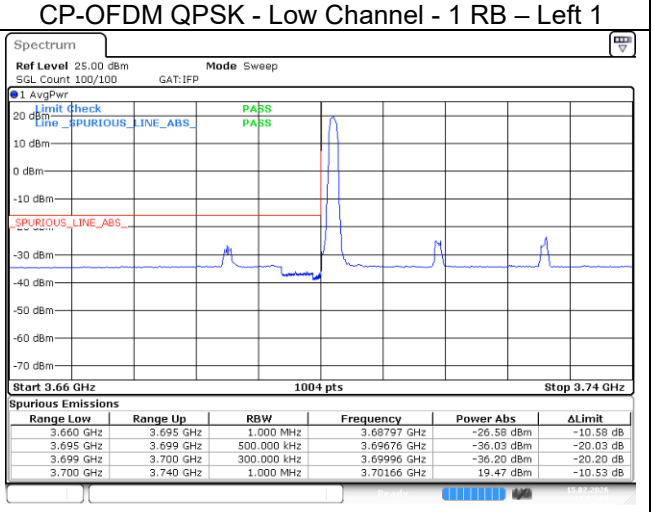
Port 2



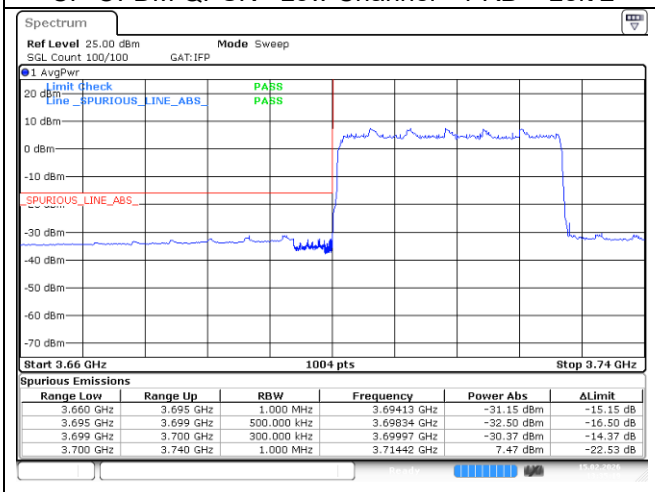
CP-OFDM QPSK - Low Channel - 1 RB – Left 1



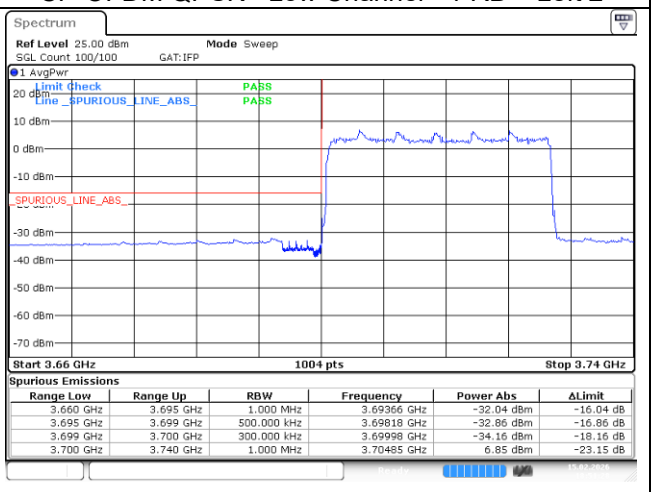
CP-OFDM QPSK - Low Channel - 1 RB – Left 2



CP-OFDM QPSK - Low Channel - 1 RB – Left 2



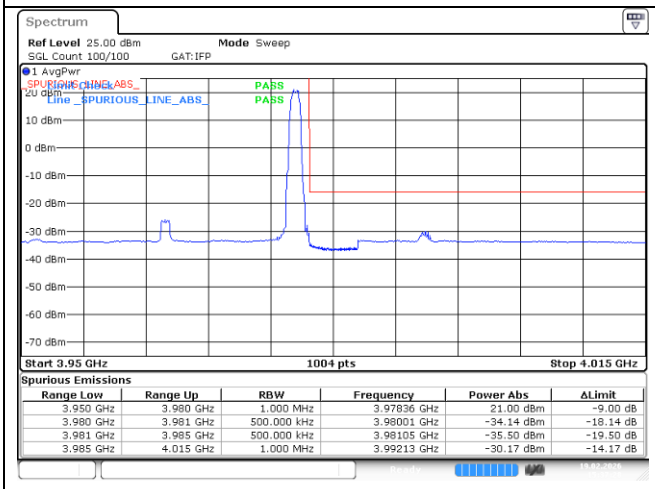
CP-OFDM QPSK - Low Channel - Full RB



CP-OFDM QPSK - Low Channel - Full RB

NR band 77/78_High Band (30 ㎒)_MIMO_FCC

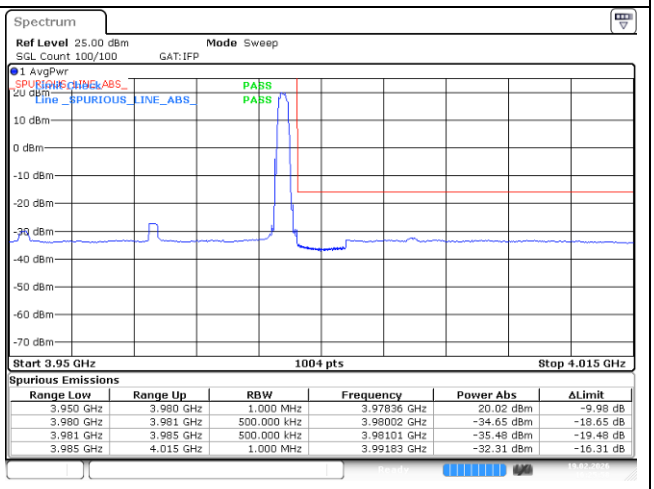
Port 1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.950 GHz	3.980 GHz	1.000 MHz	3.97836 GHz	21.00 dBm	-9.00 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-34.14 dBm	-18.14 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98105 GHz	-35.50 dBm	-19.50 dB
3.985 GHz	4.015 GHz	1.000 MHz	3.99213 GHz	-30.17 dBm	-14.17 dB

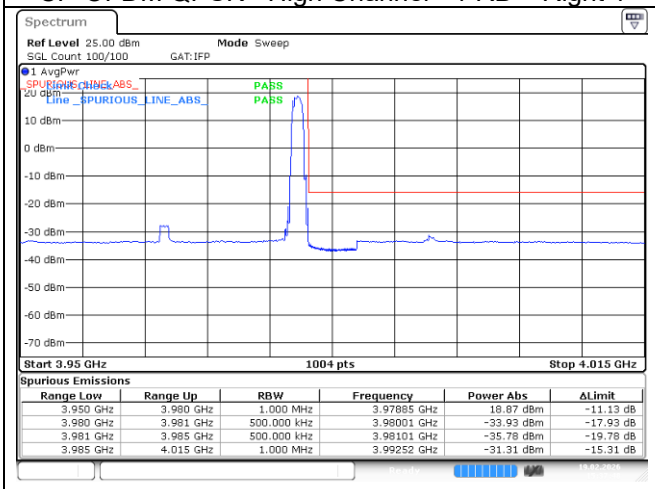
CP-OFDM QPSK - High Channel - 1 RB – Right 1

Port 2



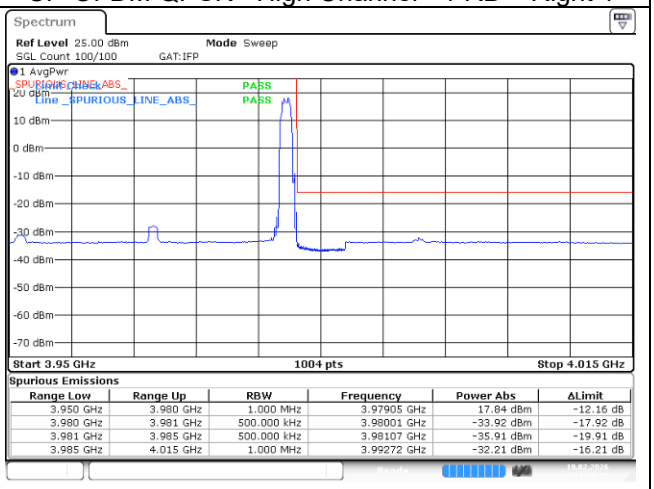
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.950 GHz	3.980 GHz	1.000 MHz	3.97836 GHz	20.02 dBm	-9.98 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98002 GHz	-34.65 dBm	-18.65 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98101 GHz	-35.48 dBm	-19.48 dB
3.985 GHz	4.015 GHz	1.000 MHz	3.99183 GHz	-32.31 dBm	-16.31 dB

CP-OFDM QPSK - High Channel - 1 RB – Right 1



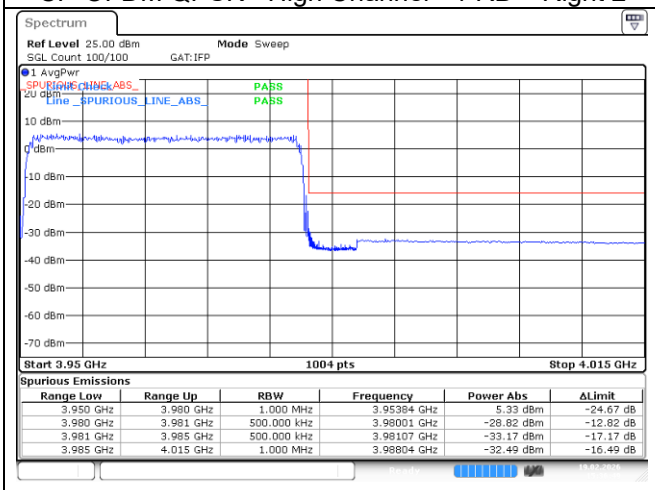
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.950 GHz	3.980 GHz	1.000 MHz	3.97885 GHz	18.87 dBm	-11.13 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-33.93 dBm	-17.93 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98101 GHz	-35.78 dBm	-19.78 dB
3.985 GHz	4.015 GHz	1.000 MHz	3.99252 GHz	-31.31 dBm	-15.31 dB

CP-OFDM QPSK - High Channel - 1 RB – Right 2



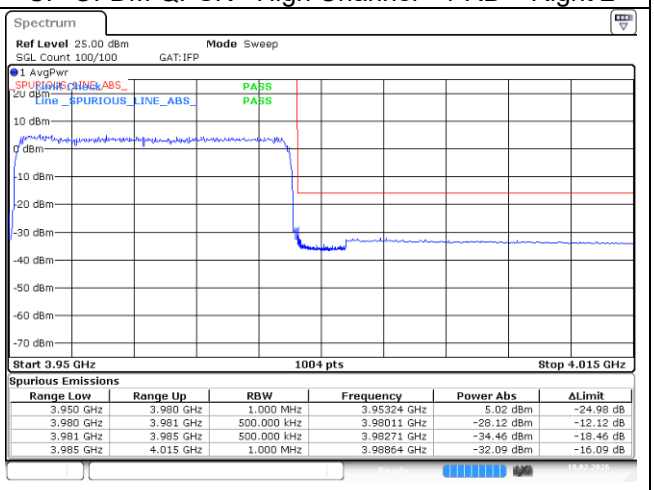
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.950 GHz	3.980 GHz	1.000 MHz	3.97905 GHz	17.84 dBm	-12.16 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-33.92 dBm	-17.92 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98107 GHz	-35.91 dBm	-19.91 dB
3.985 GHz	4.015 GHz	1.000 MHz	3.99272 GHz	-32.21 dBm	-16.21 dB

CP-OFDM QPSK - High Channel - 1 RB – Right 2



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.950 GHz	3.980 GHz	1.000 MHz	3.95384 GHz	5.33 dBm	-24.67 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-28.82 dBm	-12.82 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98107 GHz	-33.17 dBm	-17.17 dB
3.985 GHz	4.015 GHz	1.000 MHz	3.98804 GHz	-32.49 dBm	-16.49 dB

CP-OFDM QPSK - High Channel - Full RB

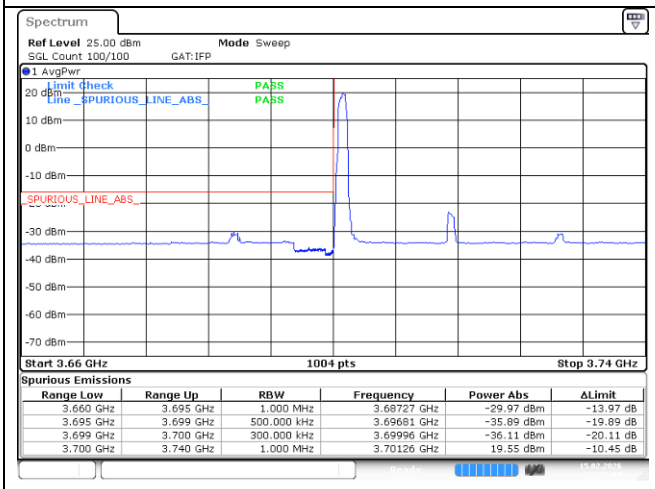


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.950 GHz	3.980 GHz	1.000 MHz	3.95324 GHz	5.02 dBm	-24.98 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98011 GHz	-28.12 dBm	-12.12 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98271 GHz	-34.46 dBm	-18.46 dB
3.985 GHz	4.015 GHz	1.000 MHz	3.98864 GHz	-32.09 dBm	-16.09 dB

CP-OFDM QPSK - High Channel - Full RB

NR band 77/78_High Band (30 ㎒)_MIMO_FCC

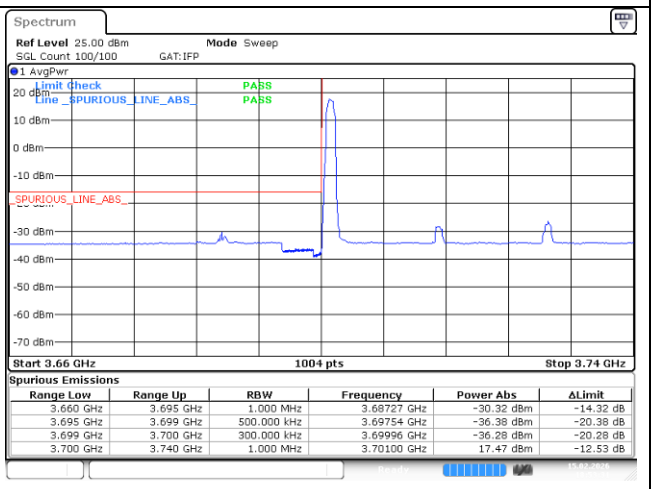
Port 1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.660 GHz	3.695 GHz	1.000 MHz	3.68727 GHz	-29.97 dBm	-13.97 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69681 GHz	-35.89 dBm	-19.89 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69996 GHz	-36.11 dBm	-20.11 dB
3.700 GHz	3.740 GHz	1.000 MHz	3.70126 GHz	19.55 dBm	-10.45 dB

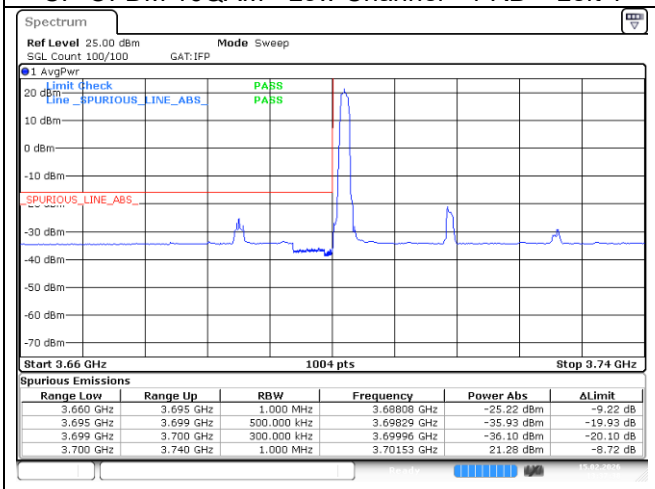
CP-OFDM 16QAM - Low Channel - 1 RB – Left 1

Port 2



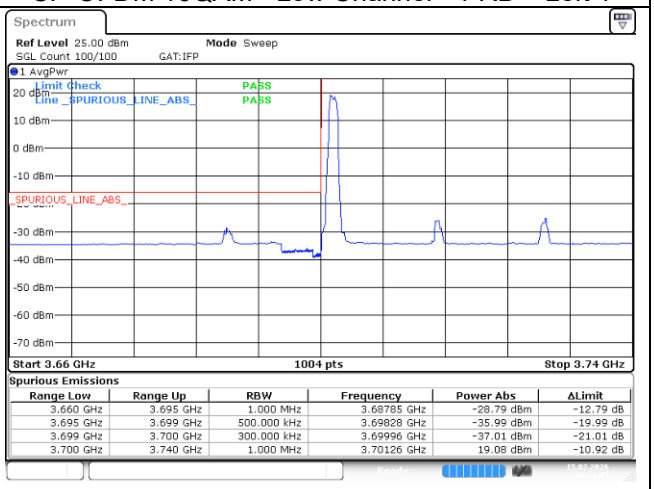
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.660 GHz	3.695 GHz	1.000 MHz	3.68727 GHz	-30.32 dBm	-14.32 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69754 GHz	-36.38 dBm	-20.38 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69996 GHz	-36.28 dBm	-20.28 dB
3.700 GHz	3.740 GHz	1.000 MHz	3.70100 GHz	17.47 dBm	-12.53 dB

CP-OFDM 16QAM - Low Channel - 1 RB – Left 1



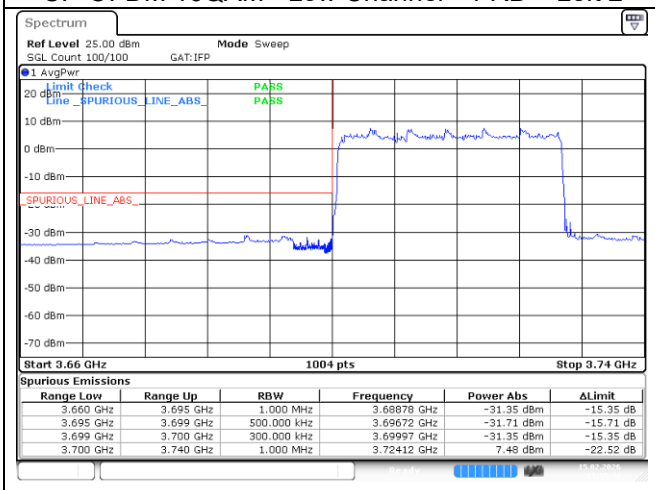
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.660 GHz	3.695 GHz	1.000 MHz	3.68808 GHz	-25.22 dBm	-9.22 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69829 GHz	-35.93 dBm	-19.93 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69996 GHz	-36.10 dBm	-20.10 dB
3.700 GHz	3.740 GHz	1.000 MHz	3.70153 GHz	21.28 dBm	-8.72 dB

CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



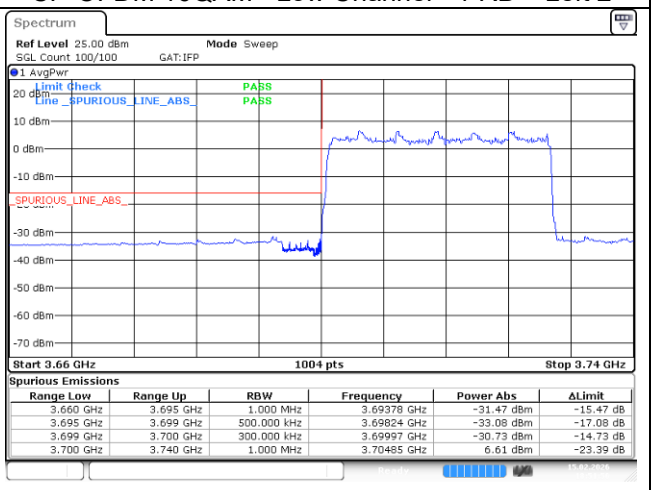
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.660 GHz	3.695 GHz	1.000 MHz	3.68785 GHz	-28.79 dBm	-12.79 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69828 GHz	-35.99 dBm	-19.99 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69996 GHz	-37.01 dBm	-21.01 dB
3.700 GHz	3.740 GHz	1.000 MHz	3.70126 GHz	19.08 dBm	-10.92 dB

CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.660 GHz	3.695 GHz	1.000 MHz	3.68878 GHz	-31.35 dBm	-15.35 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69672 GHz	-31.71 dBm	-15.71 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69997 GHz	-31.35 dBm	-15.35 dB
3.700 GHz	3.740 GHz	1.000 MHz	3.72412 GHz	7.48 dBm	-22.52 dB

CP-OFDM 16QAM - Low Channel - Full RB

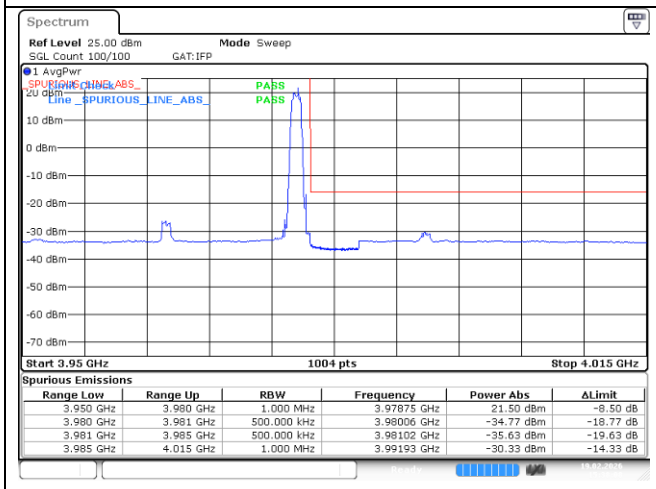


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.660 GHz	3.695 GHz	1.000 MHz	3.69378 GHz	-31.47 dBm	-15.47 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69824 GHz	-33.08 dBm	-17.08 dB
3.699 GHz	3.700 GHz	300.000 kHz	3.69997 GHz	-30.73 dBm	-14.73 dB
3.700 GHz	3.740 GHz	1.000 MHz	3.70485 GHz	6.61 dBm	-23.39 dB

CP-OFDM 16QAM - Low Channel - Full RB

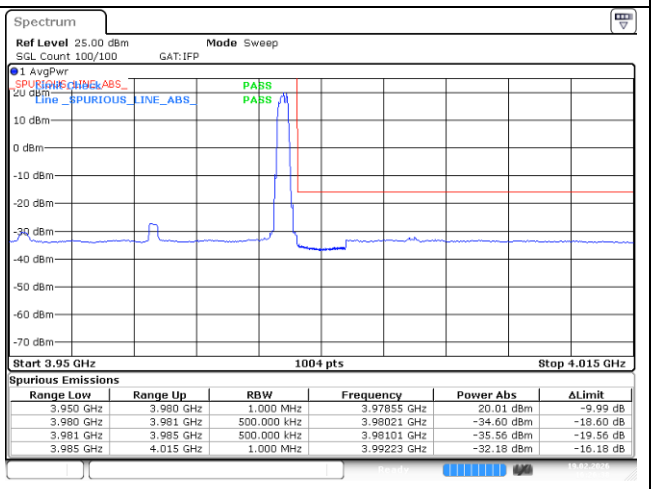
NR band 77/78_High Band (30 ㎒)_MIMO_FCC

Port 1

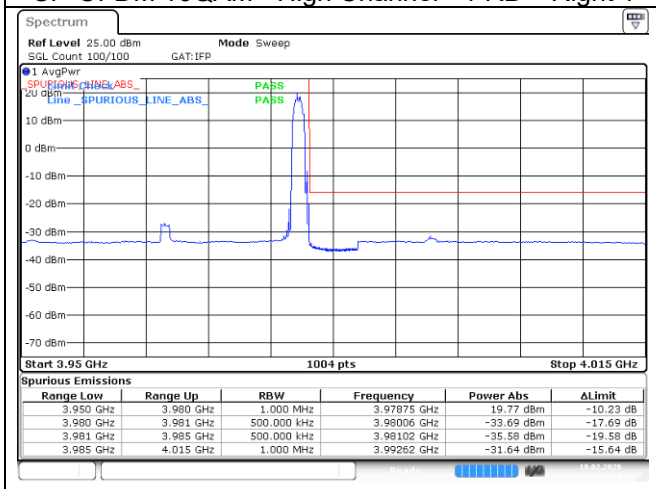


CP-OFDM 16QAM - High Channel - 1 RB – Right 1

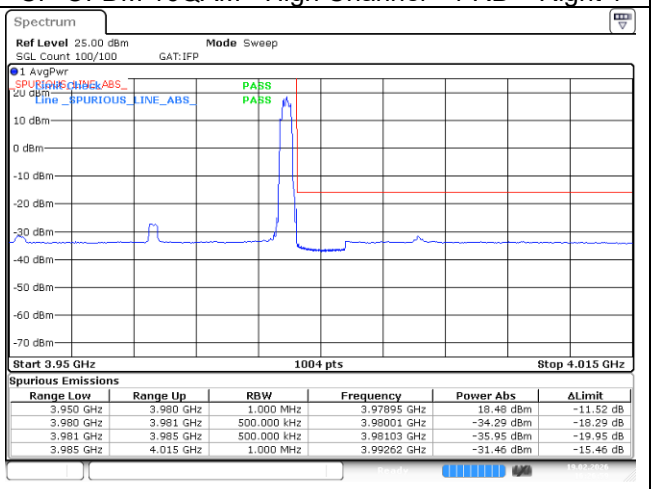
Port 2



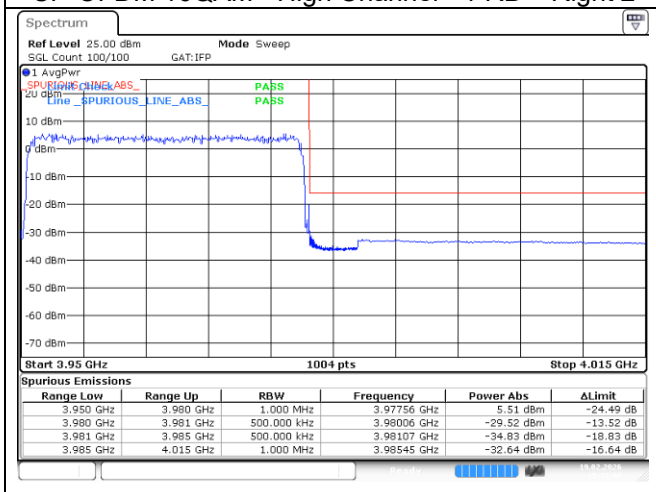
CP-OFDM 16QAM - High Channel - 1 RB – Right 1



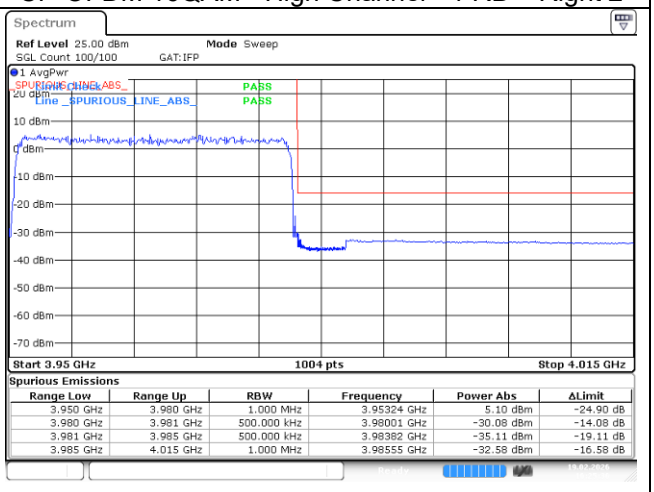
CP-OFDM 16QAM - High Channel - 1 RB – Right 2



CP-OFDM 16QAM - High Channel - 1 RB – Right 2



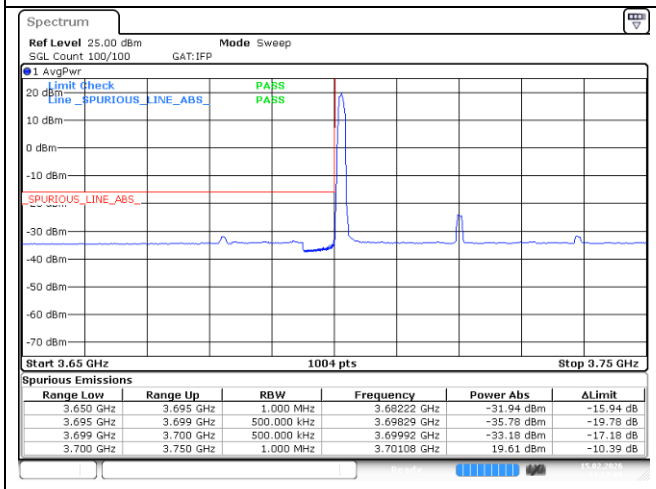
CP-OFDM 16QAM - High Channel - Full RB



CP-OFDM 16QAM - High Channel - Full RB

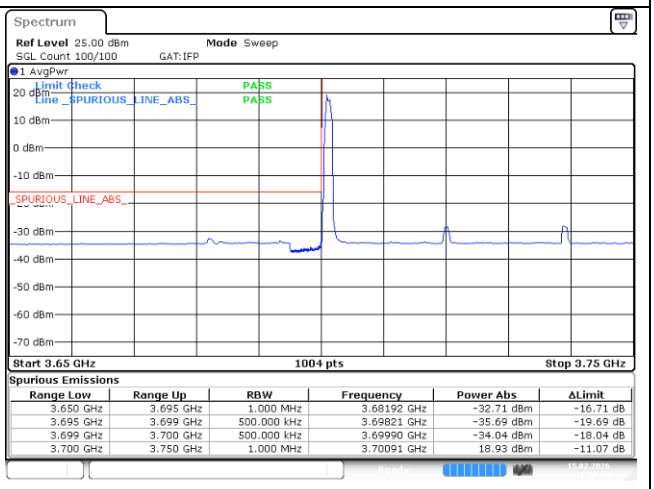
NR band 77/78_High Band (40 ㎒)_MIMO_FCC

Port 1

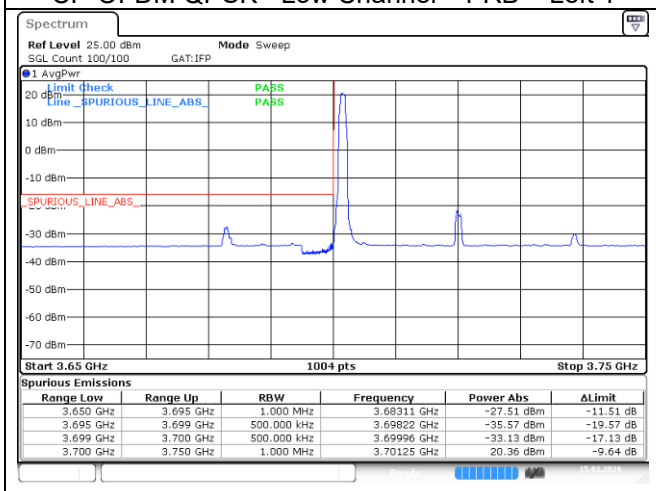


CP-OFDM QPSK - Low Channel - 1 RB – Left 1

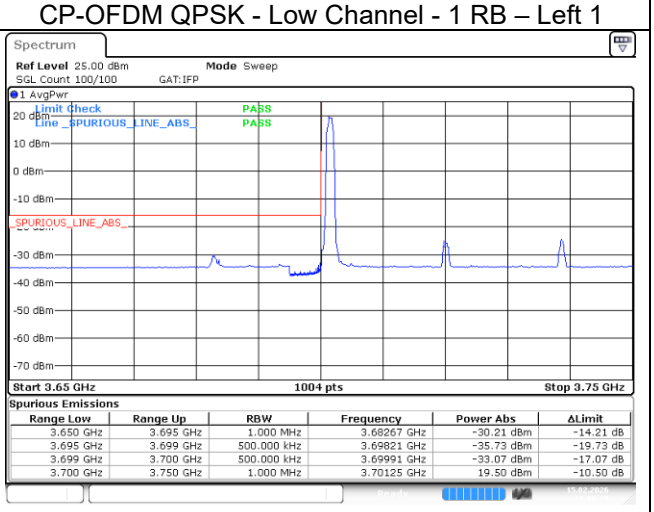
Port 2



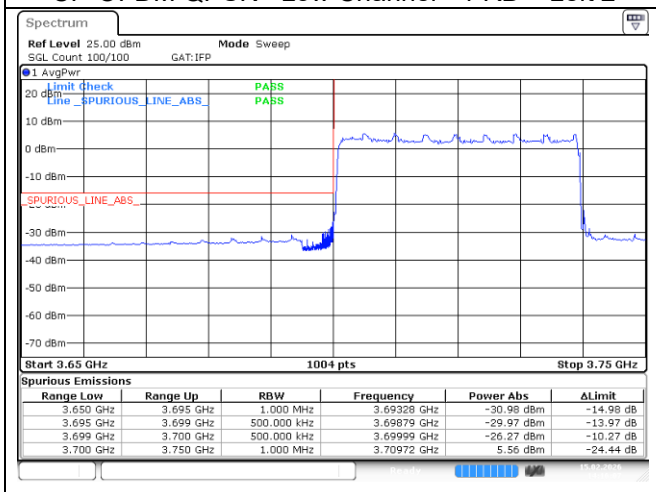
CP-OFDM QPSK - Low Channel - 1 RB – Left 1



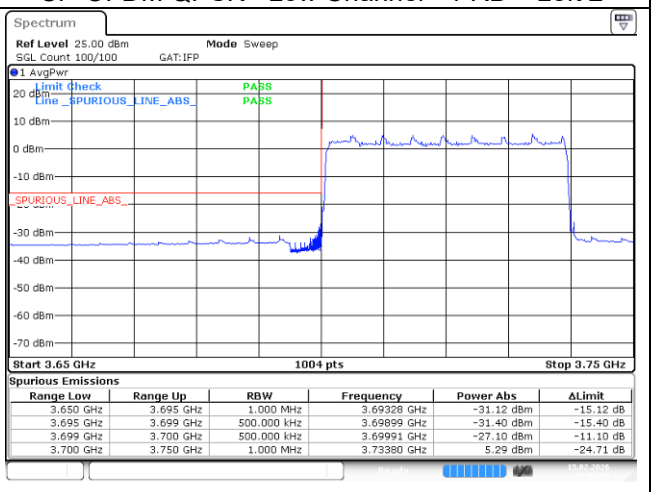
CP-OFDM QPSK - Low Channel - 1 RB – Left 2



CP-OFDM QPSK - Low Channel - 1 RB – Left 2



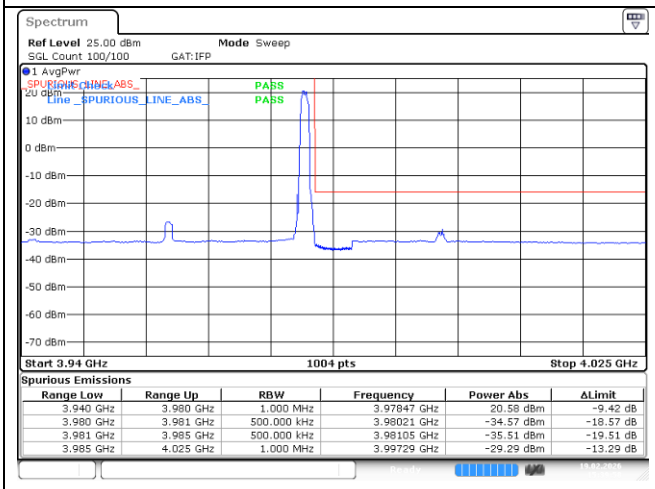
CP-OFDM QPSK - Low Channel - Full RB



CP-OFDM QPSK - Low Channel - Full RB

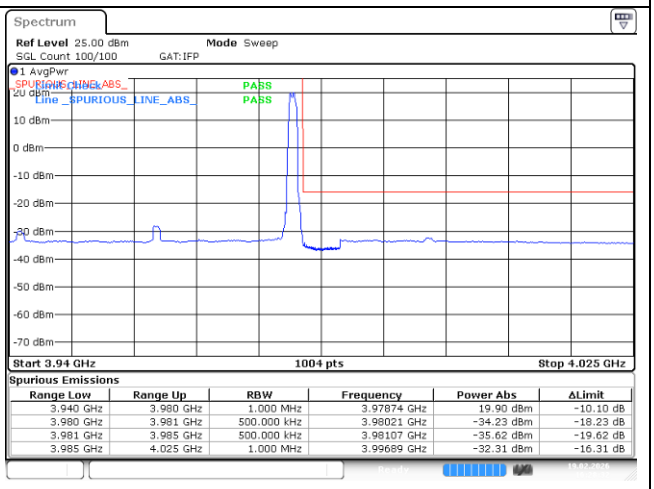
NR band 77/78_High Band (40 ㎒)_MIMO_FCC

Port 1

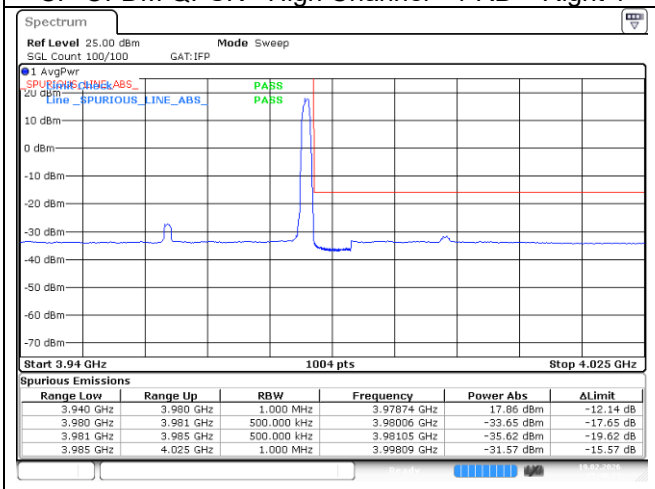


CP-OFDM QPSK - High Channel - 1 RB – Right 1

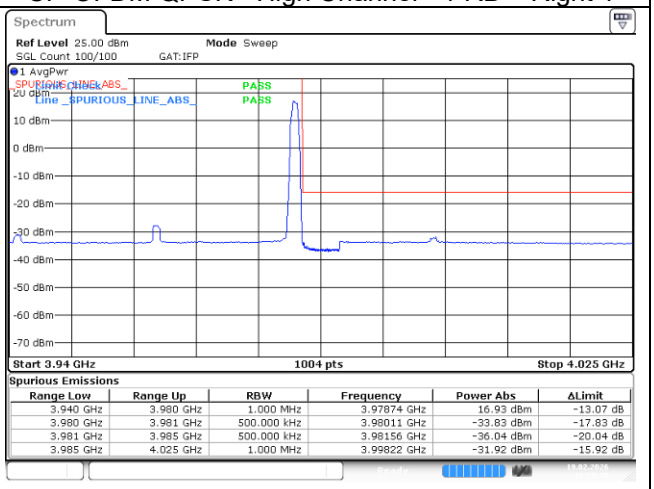
Port 2



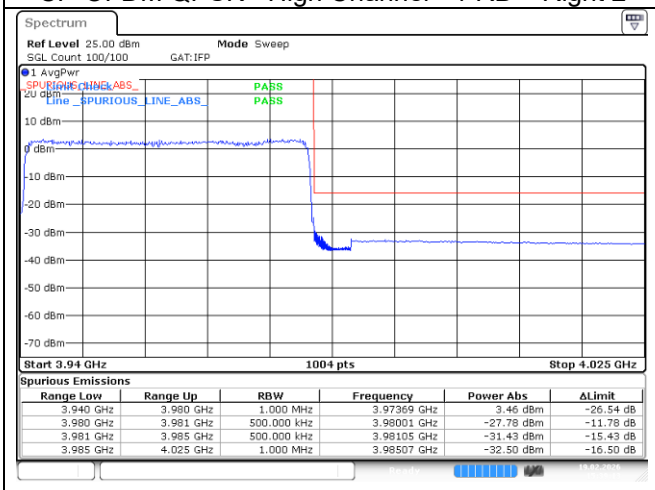
CP-OFDM QPSK - High Channel - 1 RB – Right 1



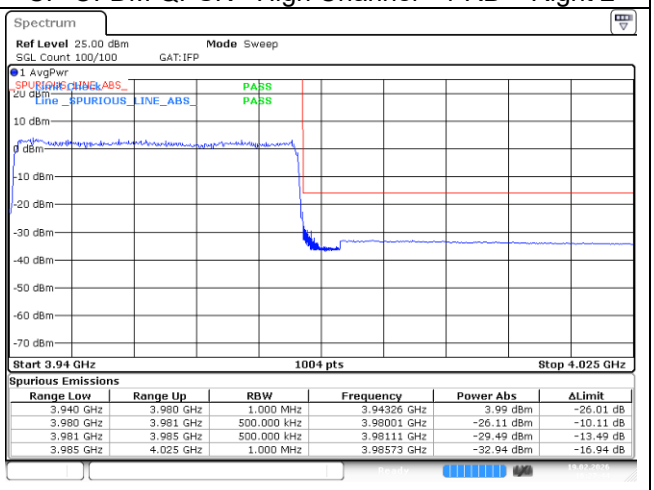
CP-OFDM QPSK - High Channel - 1 RB – Right 2



CP-OFDM QPSK - High Channel - 1 RB – Right 2



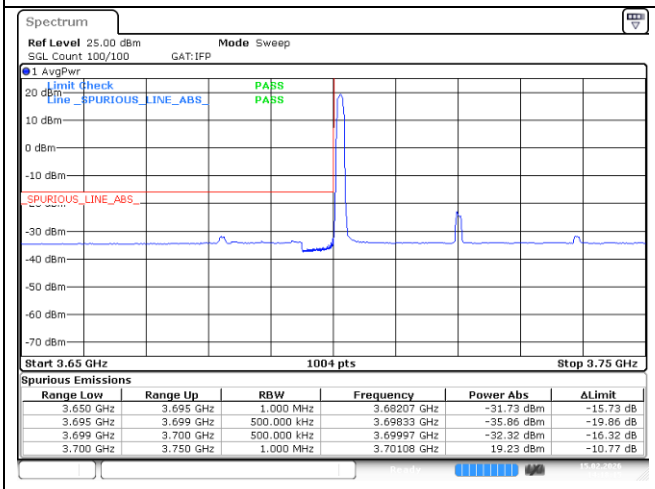
CP-OFDM QPSK - High Channel - Full RB



CP-OFDM QPSK - High Channel - Full RB

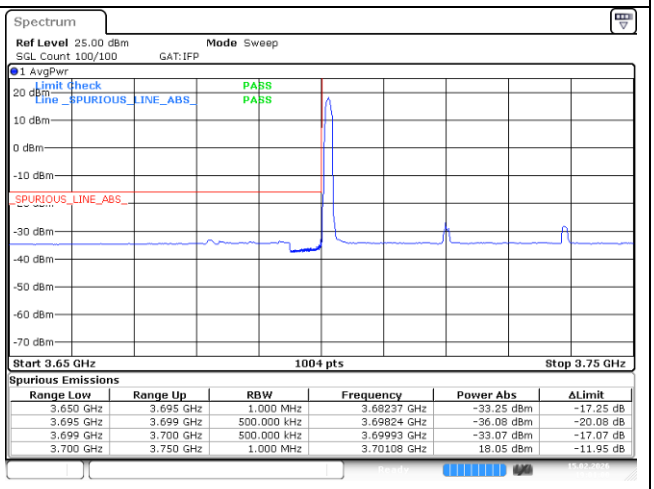
NR band 77/78_High Band (40 ㎒)_MIMO_FCC

Port 1

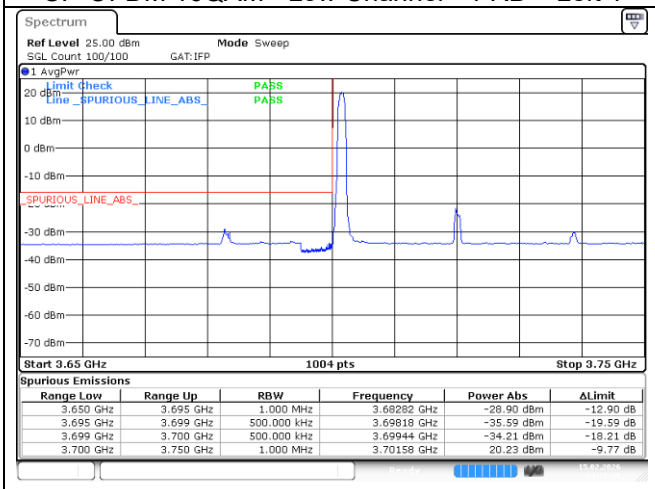


CP-OFDM 16QAM - Low Channel - 1 RB – Left 1

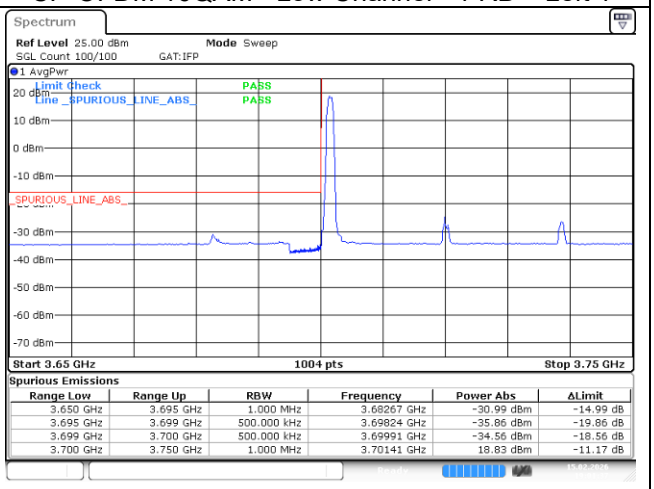
Port 2



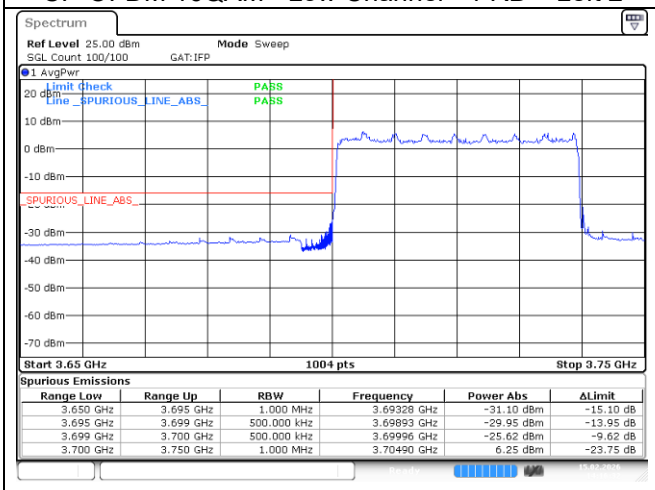
CP-OFDM 16QAM - Low Channel - 1 RB – Left 1



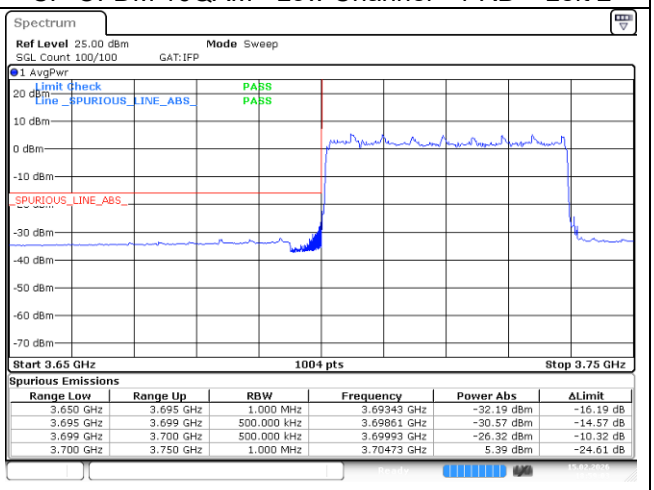
CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



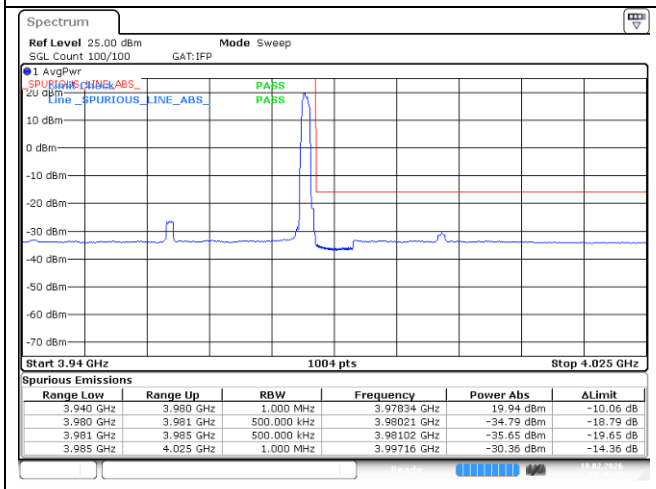
CP-OFDM 16QAM - Low Channel - Full RB



CP-OFDM 16QAM - Low Channel - Full RB

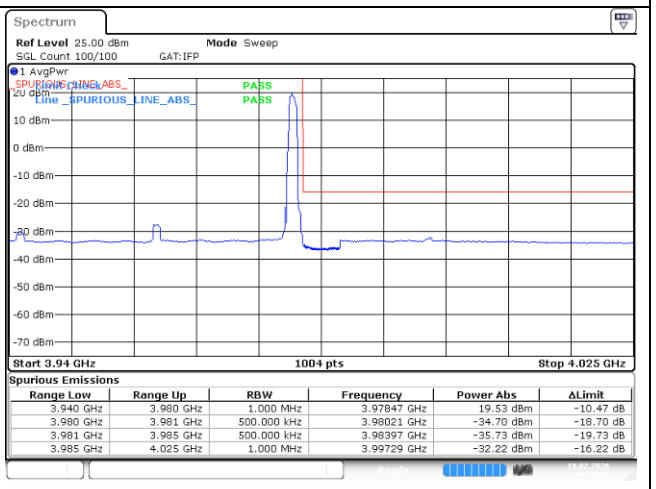
NR band 77/78_High Band (40 ㎒)_MIMO_FCC

Port 1

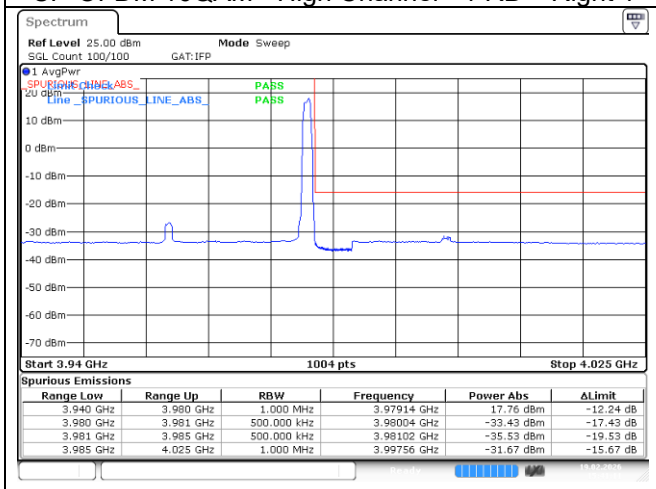


CP-OFDM 16QAM - High Channel - 1 RB – Right 1

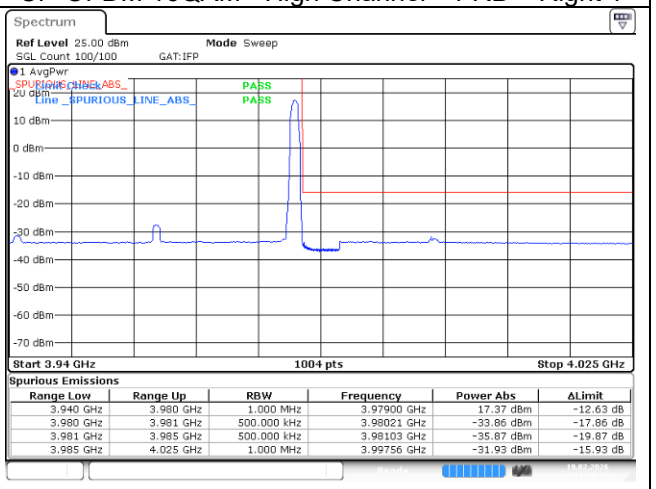
Port 2



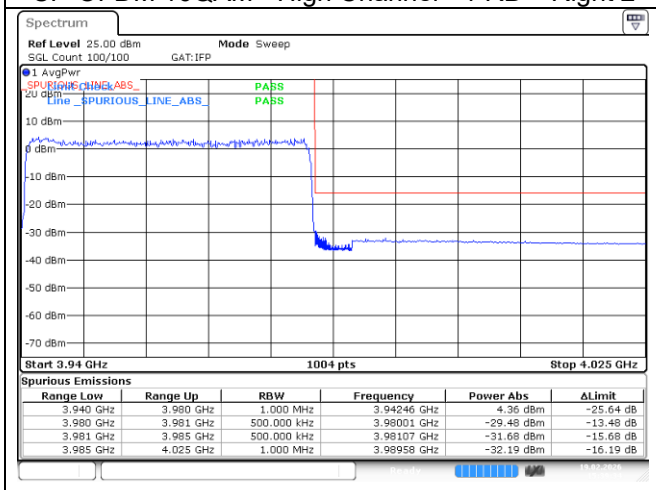
CP-OFDM 16QAM - High Channel - 1 RB – Right 1



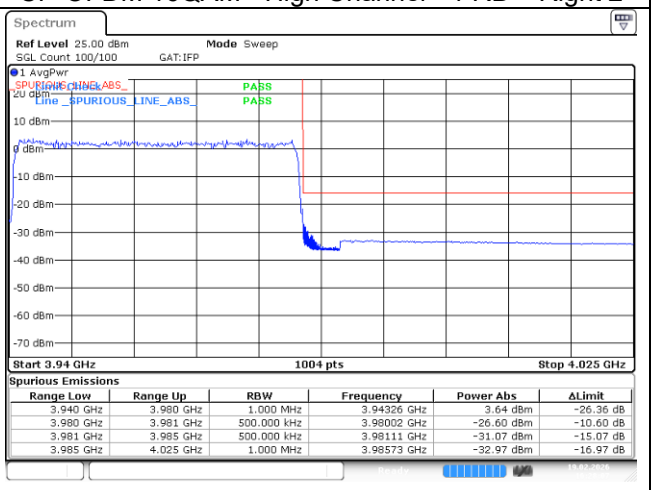
CP-OFDM 16QAM - High Channel - 1 RB – Right 2



CP-OFDM 16QAM - High Channel - 1 RB – Right 2



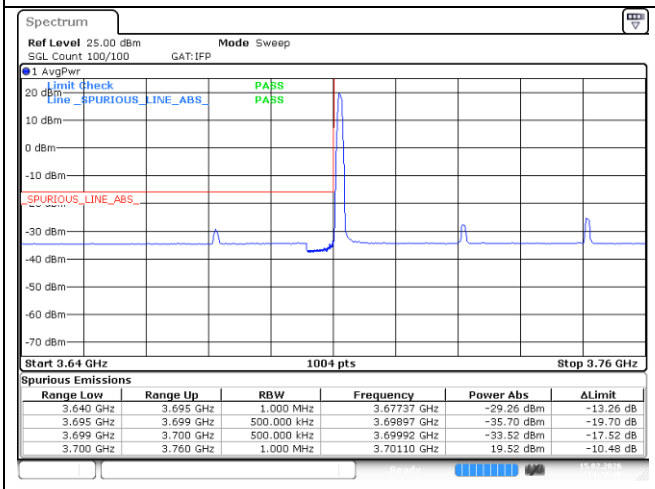
CP-OFDM 16QAM - High Channel - Full RB



CP-OFDM 16QAM - High Channel - Full RB

NR band 77/78_High Band (50 ㎒)_MIMO_FCC

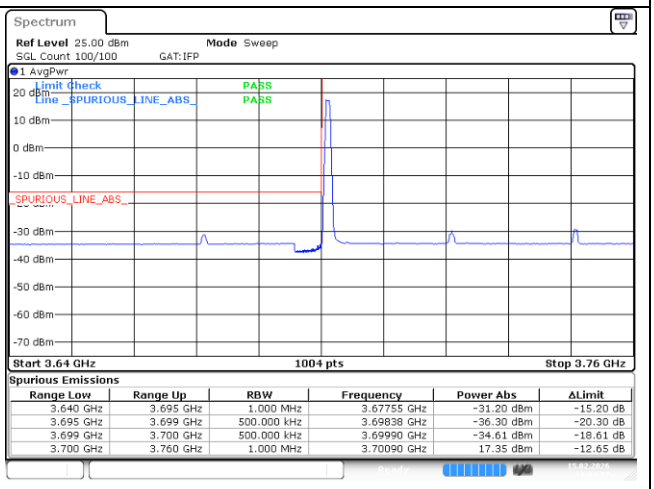
Port 1



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.695 GHz	1.000 MHz	3.67737 GHz	-29.26 dBm	-13.26 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69897 GHz	-35.70 dBm	-19.70 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69992 GHz	-33.52 dBm	-17.52 dB
3.700 GHz	3.760 GHz	1.000 MHz	3.70110 GHz	19.52 dBm	-10.48 dB

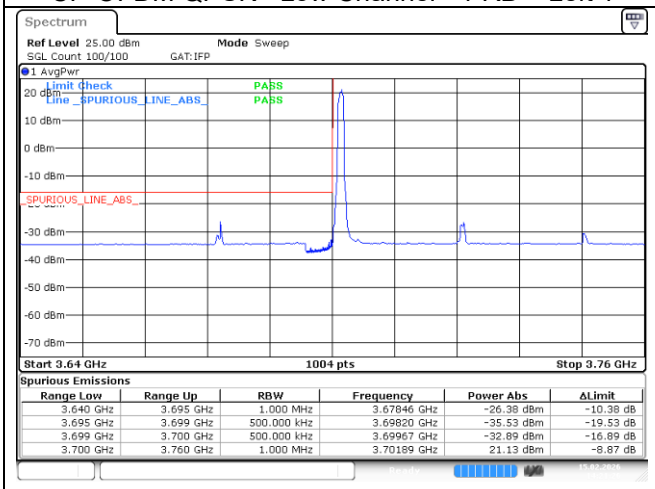
CP-OFDM QPSK - Low Channel - 1 RB – Left 1

Port 2



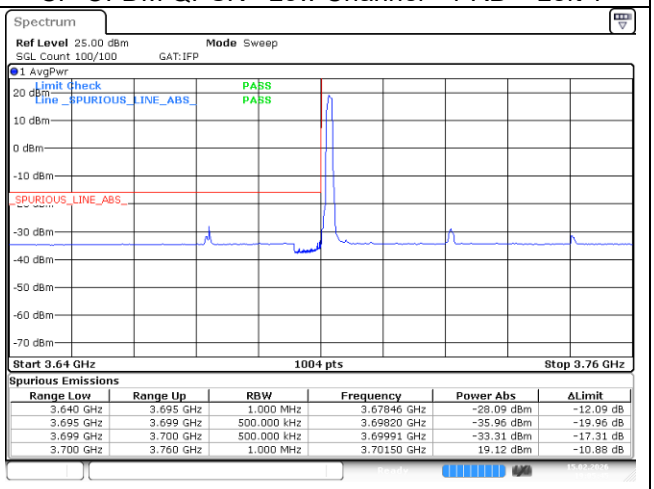
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.695 GHz	1.000 MHz	3.67755 GHz	-31.20 dBm	-15.20 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69838 GHz	-36.30 dBm	-20.30 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69990 GHz	-34.61 dBm	-18.61 dB
3.700 GHz	3.760 GHz	1.000 MHz	3.70090 GHz	17.35 dBm	-12.65 dB

CP-OFDM QPSK - Low Channel - 1 RB – Left 1



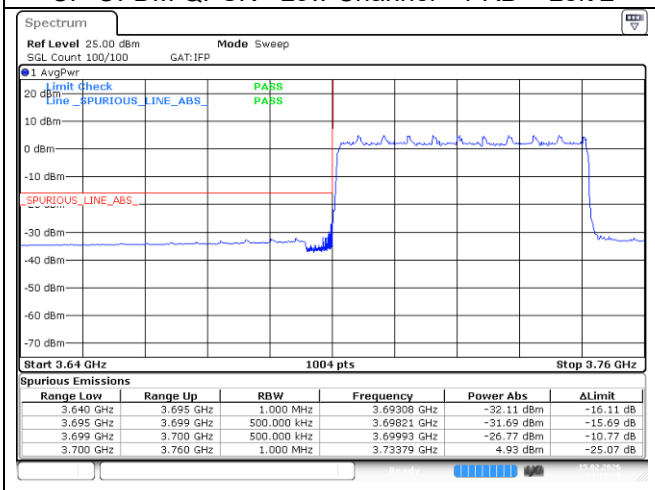
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.695 GHz	1.000 MHz	3.67846 GHz	-26.38 dBm	-10.38 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69820 GHz	-35.53 dBm	-19.53 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69967 GHz	-32.89 dBm	-16.89 dB
3.700 GHz	3.760 GHz	1.000 MHz	3.70189 GHz	21.13 dBm	-8.87 dB

CP-OFDM QPSK - Low Channel - 1 RB – Left 2



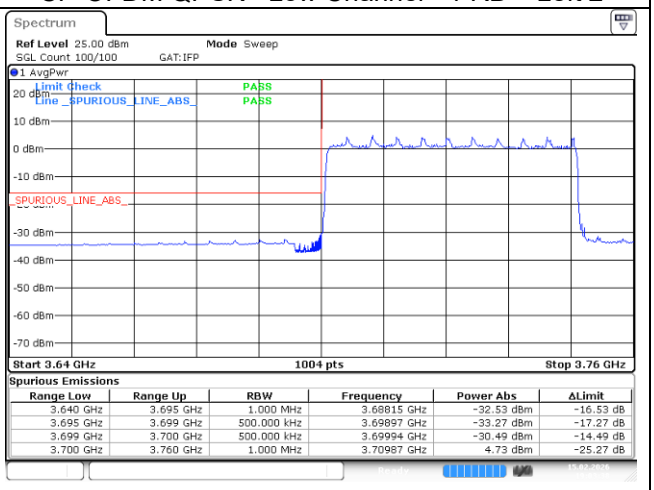
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.695 GHz	1.000 MHz	3.67846 GHz	-28.09 dBm	-12.09 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69820 GHz	-35.96 dBm	-19.96 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69991 GHz	-33.31 dBm	-17.31 dB
3.700 GHz	3.760 GHz	1.000 MHz	3.70150 GHz	19.12 dBm	-10.88 dB

CP-OFDM QPSK - Low Channel - 1 RB – Left 2



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.695 GHz	1.000 MHz	3.69308 GHz	-32.11 dBm	-16.11 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69821 GHz	-31.69 dBm	-15.69 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69993 GHz	-26.77 dBm	-10.77 dB
3.700 GHz	3.760 GHz	1.000 MHz	3.73379 GHz	4.93 dBm	-25.07 dB

CP-OFDM QPSK - Low Channel - Full RB

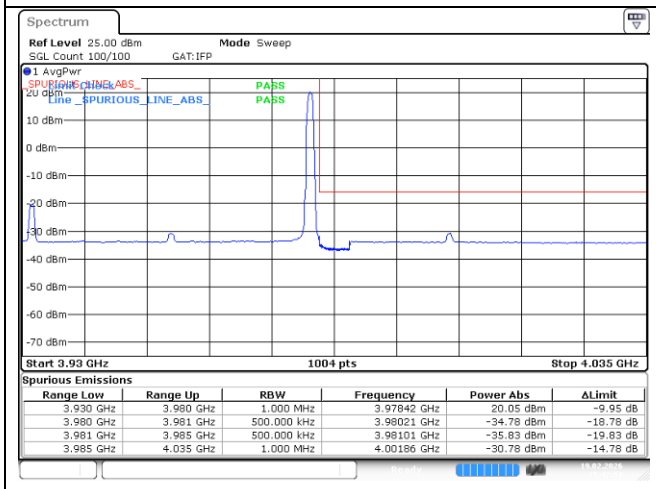


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.640 GHz	3.695 GHz	1.000 MHz	3.68815 GHz	-32.53 dBm	-16.53 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69897 GHz	-33.27 dBm	-17.27 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69994 GHz	-30.49 dBm	-14.49 dB
3.700 GHz	3.760 GHz	1.000 MHz	3.70987 GHz	4.73 dBm	-25.27 dB

CP-OFDM QPSK - Low Channel - Full RB

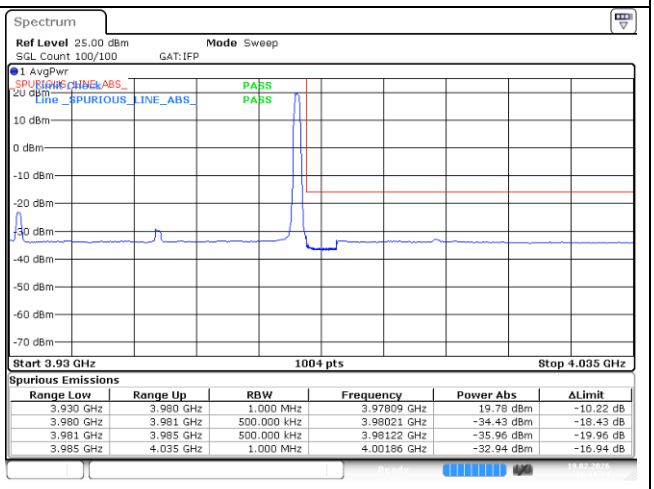
NR band 77/78_High Band (50 ㎒)_MIMO_FCC

Port 1

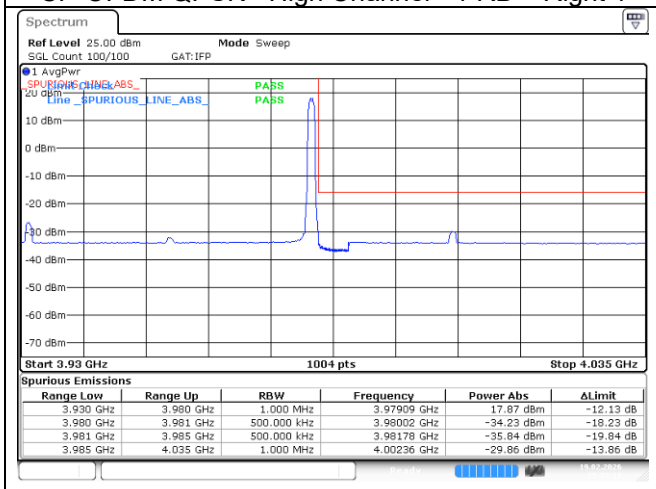


CP-OFDM QPSK - High Channel - 1 RB – Right 1

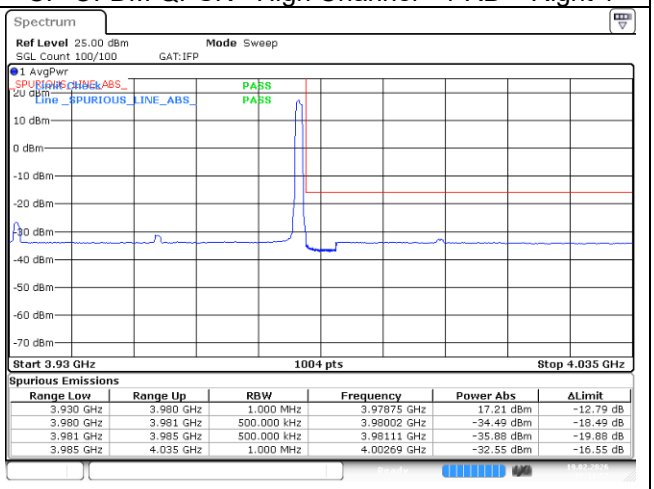
Port 2



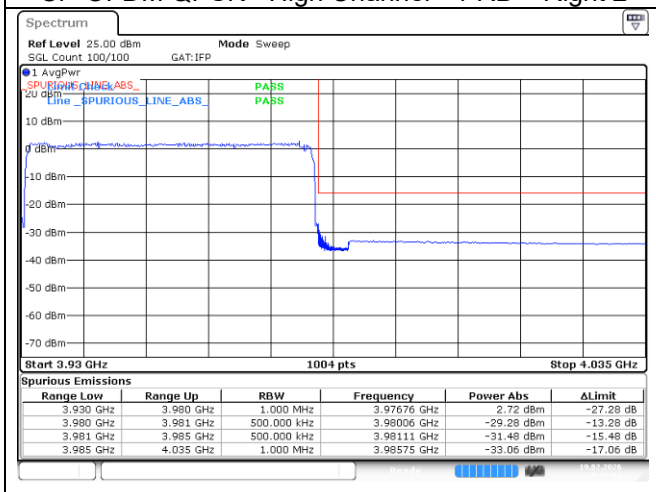
CP-OFDM QPSK - High Channel - 1 RB – Right 1



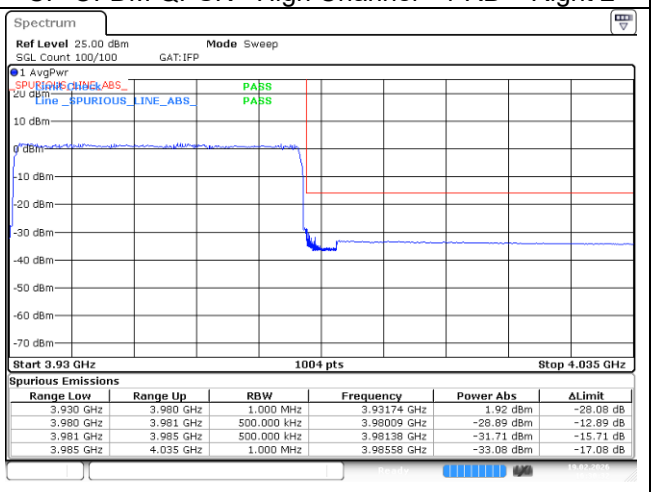
CP-OFDM QPSK - High Channel - 1 RB – Right 2



CP-OFDM QPSK - High Channel - 1 RB – Right 2



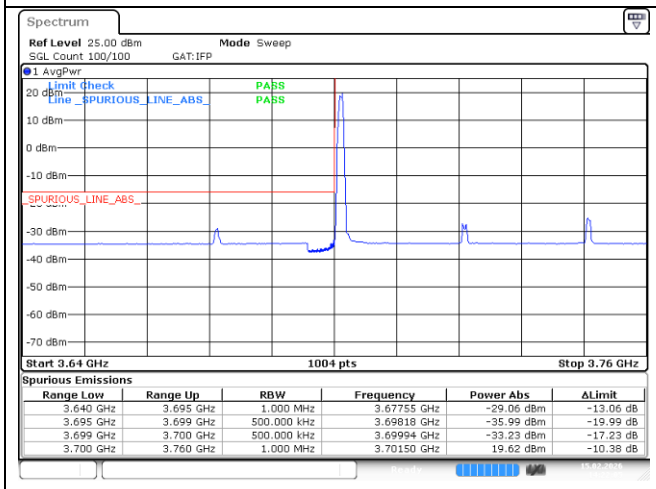
CP-OFDM QPSK - High Channel - Full RB



CP-OFDM QPSK - High Channel - Full RB

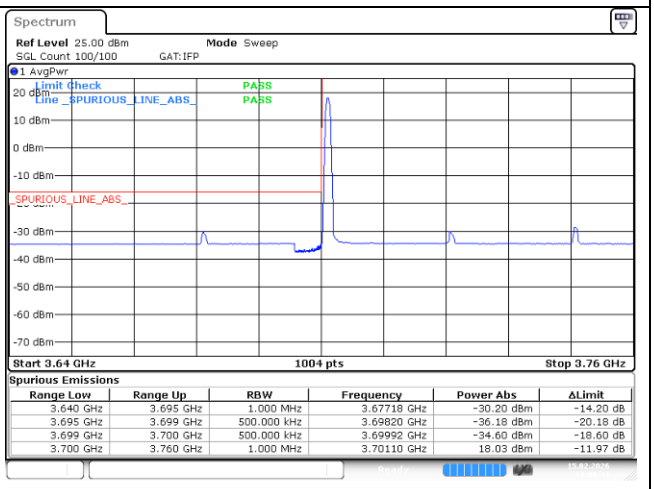
NR band 77/78_High Band (50 ㎒)_MIMO_FCC

Port 1

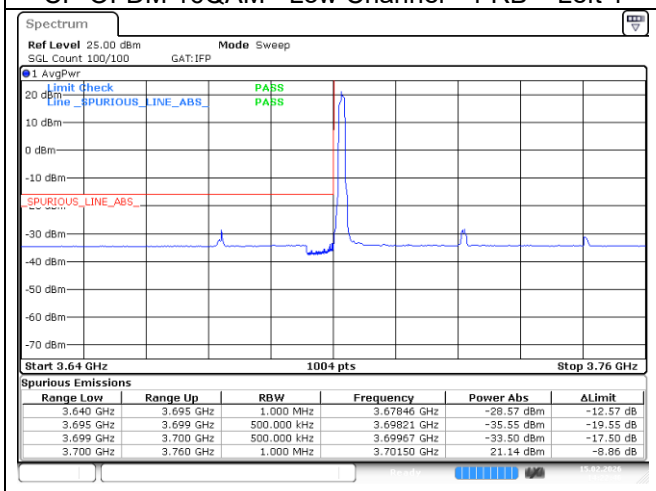


CP-OFDM 16QAM - Low Channel - 1 RB – Left 1

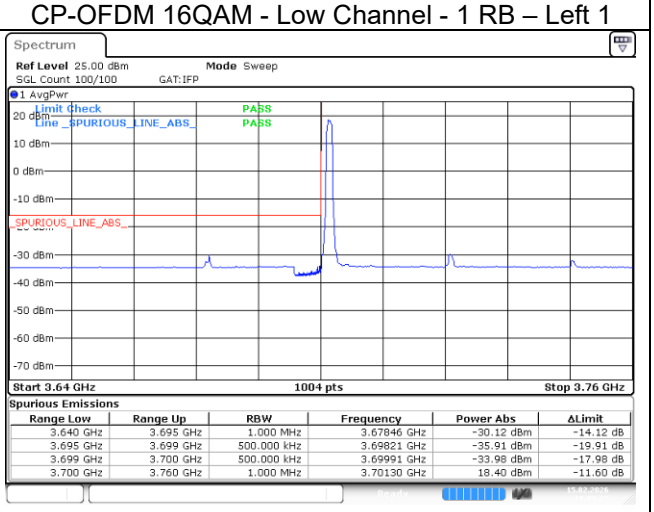
Port 2



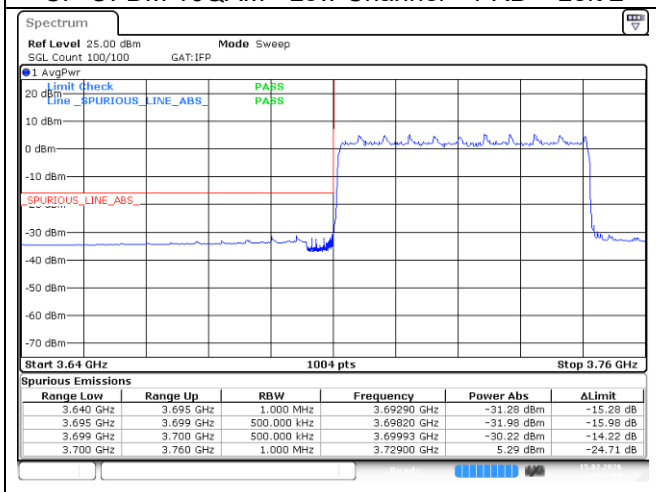
CP-OFDM 16QAM - Low Channel - 1 RB – Left 1



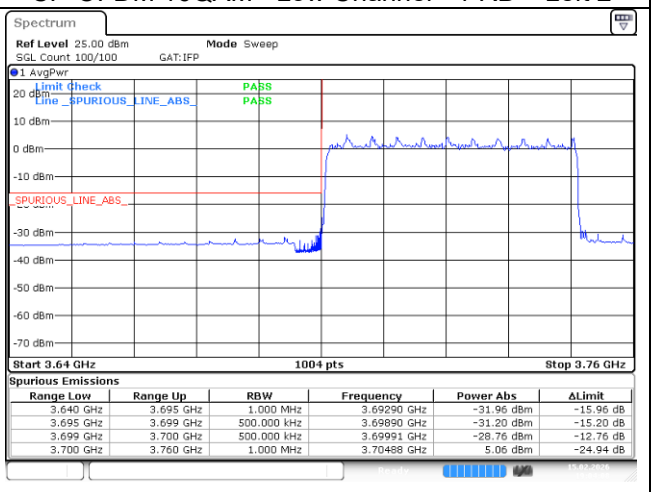
CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



CP-OFDM 16QAM - Low Channel - 1 RB – Left 2



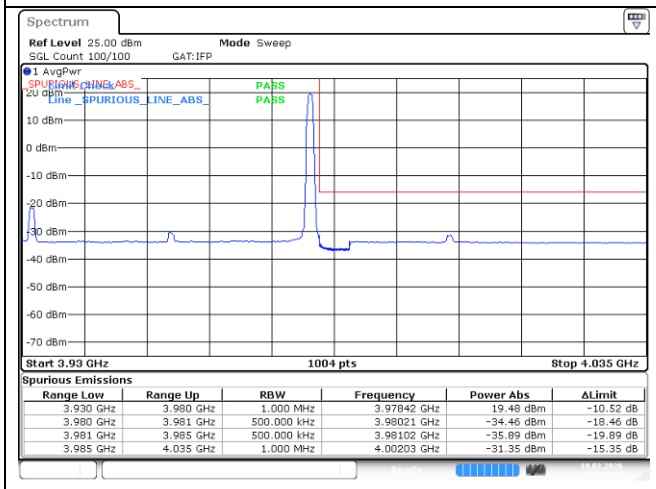
CP-OFDM 16QAM - Low Channel - Full RB



CP-OFDM 16QAM - Low Channel - Full RB

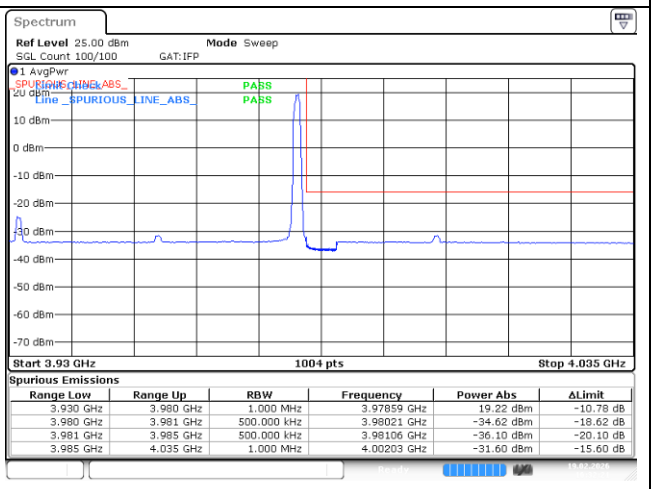
NR band 77/78_High Band (50 ㎒)_MIMO_FCC

Port 1

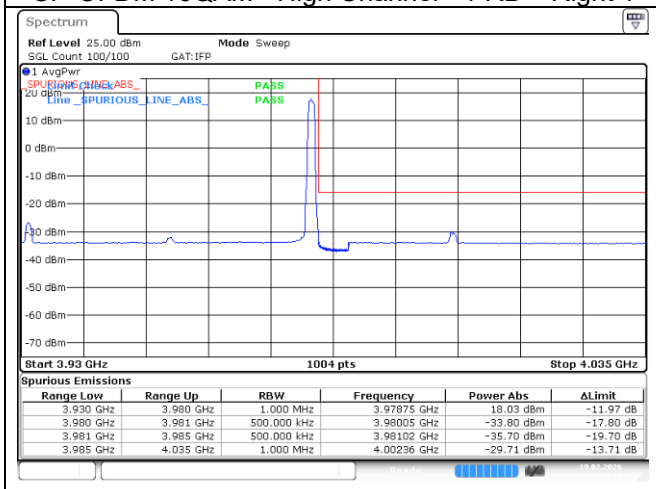


CP-OFDM 16QAM - High Channel - 1 RB – Right 1

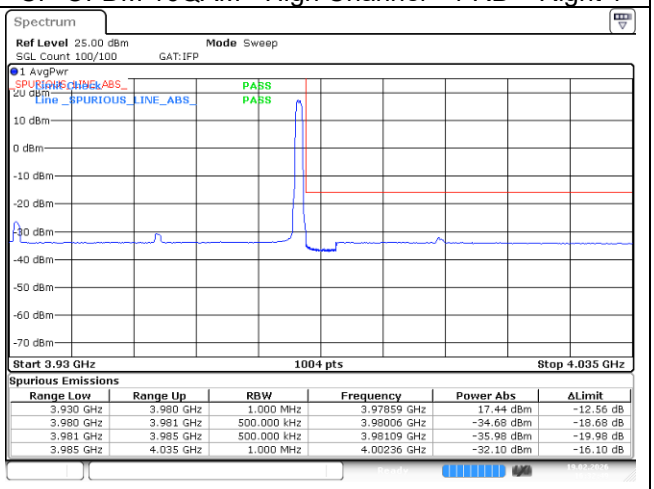
Port 2



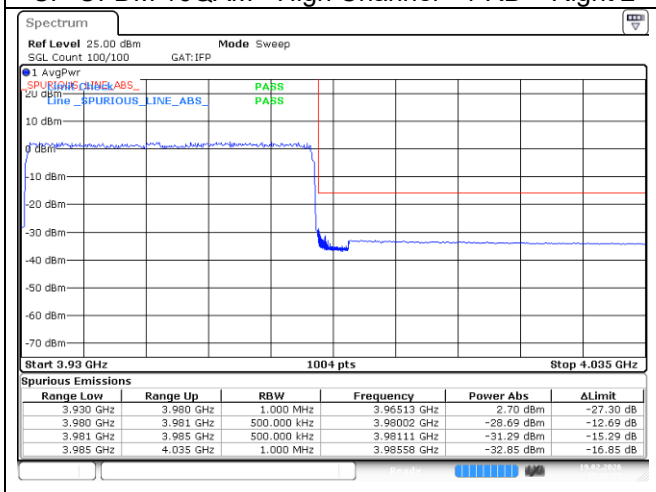
CP-OFDM 16QAM - High Channel - 1 RB – Right 1



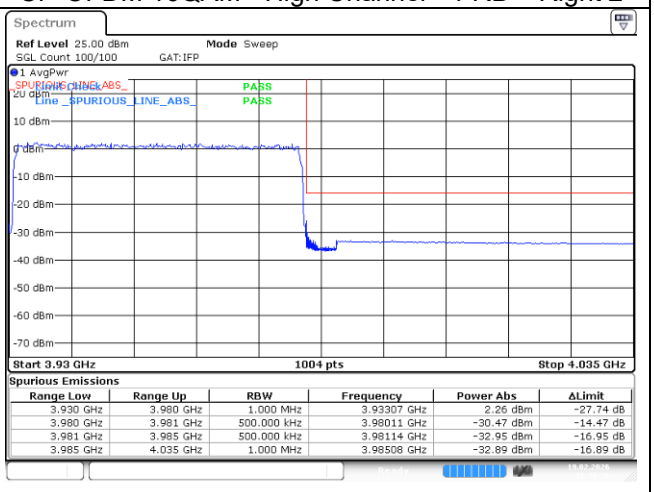
CP-OFDM 16QAM - High Channel - 1 RB – Right 2



CP-OFDM 16QAM - High Channel - 1 RB – Right 2



CP-OFDM 16QAM - High Channel - Full RB



CP-OFDM 16QAM - High Channel - Full RB