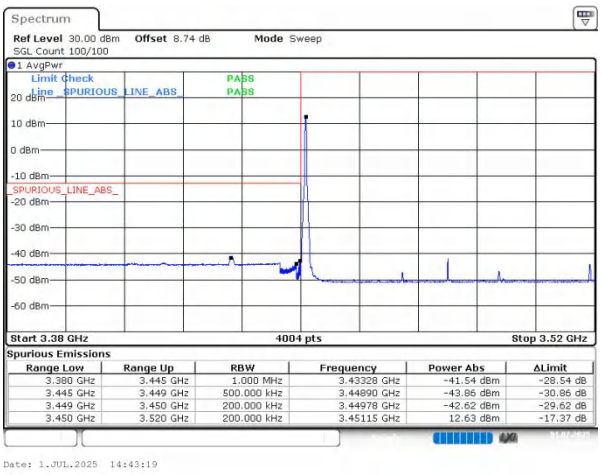
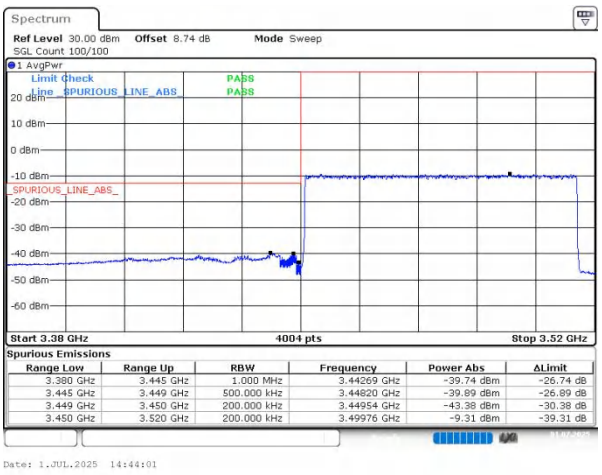


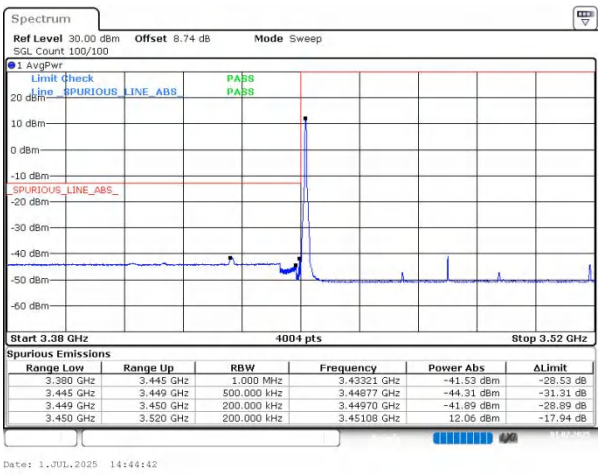
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz

LowChannel=632334 RB=1@0



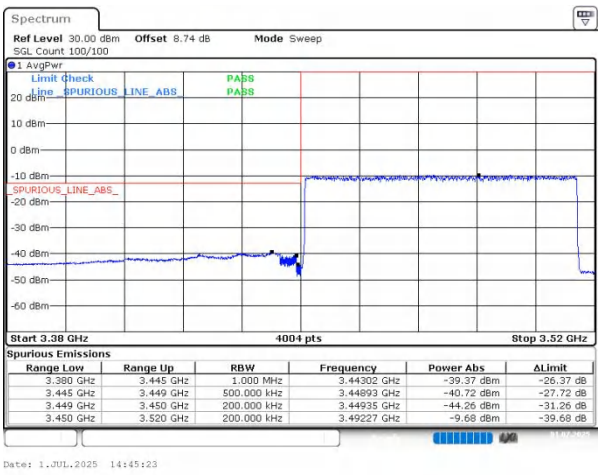
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz

LowChannel=632334 RB=180@0



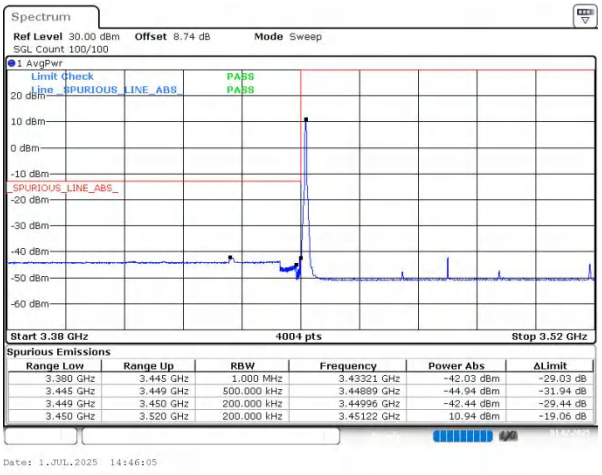
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz

LowChannel=632334 RB=1@0



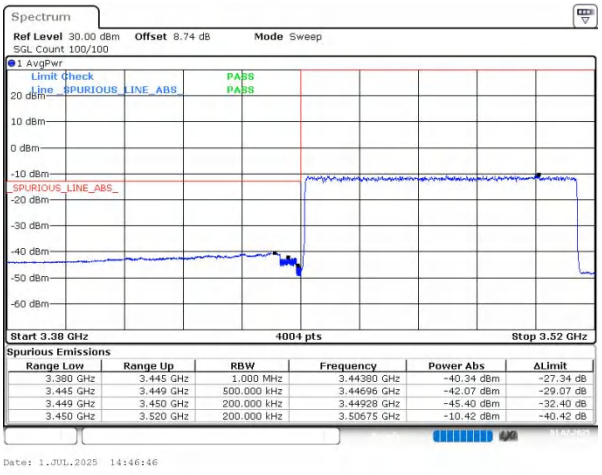
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz

LowChannel=632334 RB=180@0



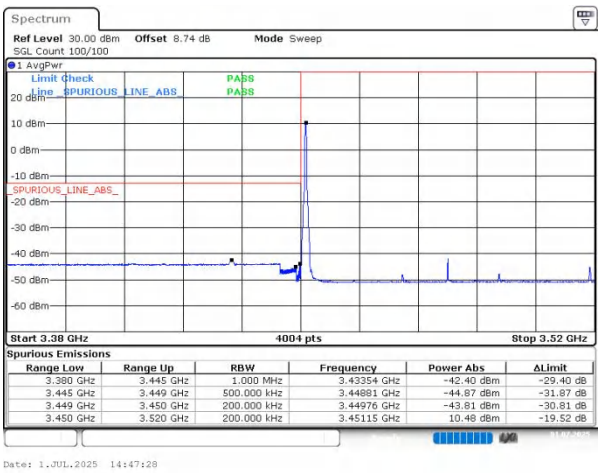
n78(3450-3550) SCS=30kHz DFT_16QAM BW=70MHz

LowChannel=632334 RB=1@0



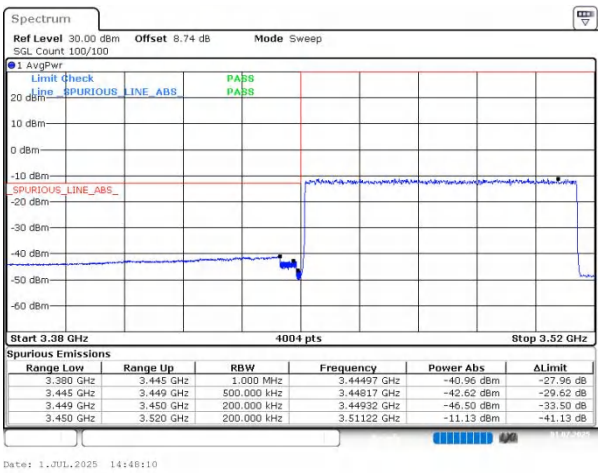
n78(3450-3550) SCS=30kHz DFT_16QAM BW=70MHz

LowChannel=632334 RB=180@0



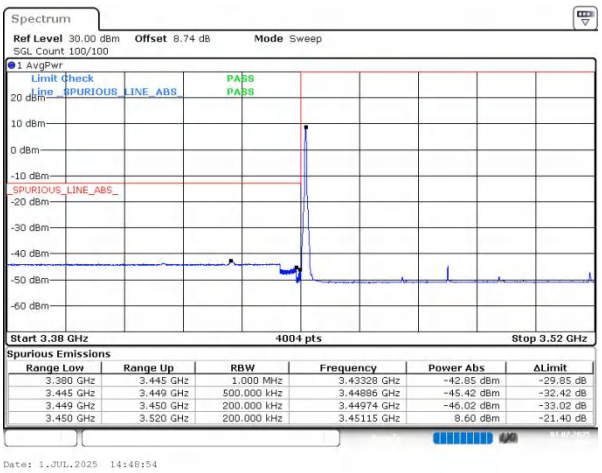
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz

LowChannel=632334 RB=1@0



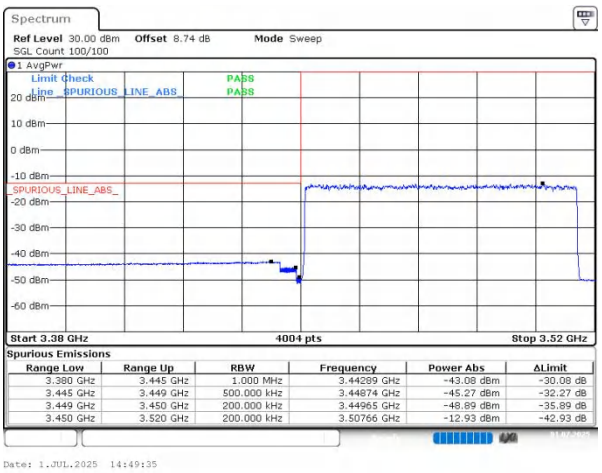
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz

LowChannel=632334 RB=180@0



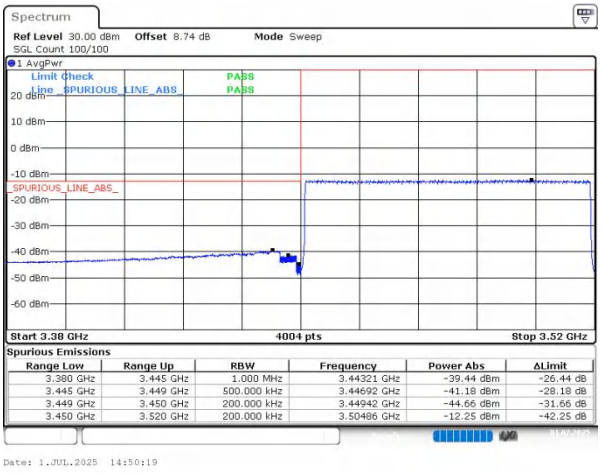
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz

LowChannel=632334 RB=1@0



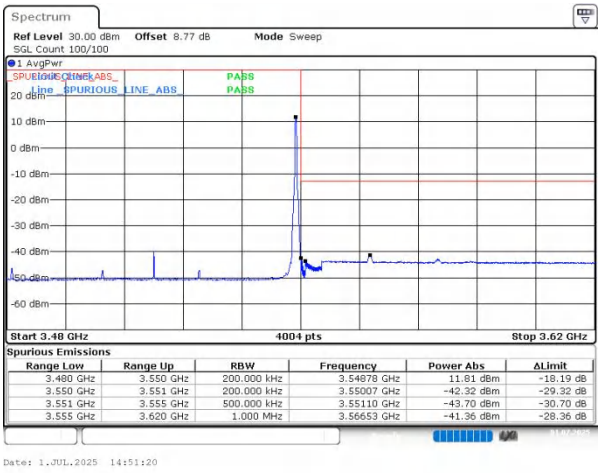
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz

LowChannel=632334 RB=180@0



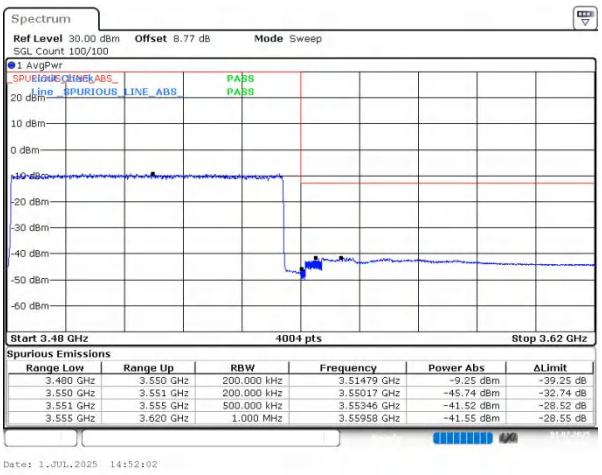
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz

LowChannel=632334 RB=189@0



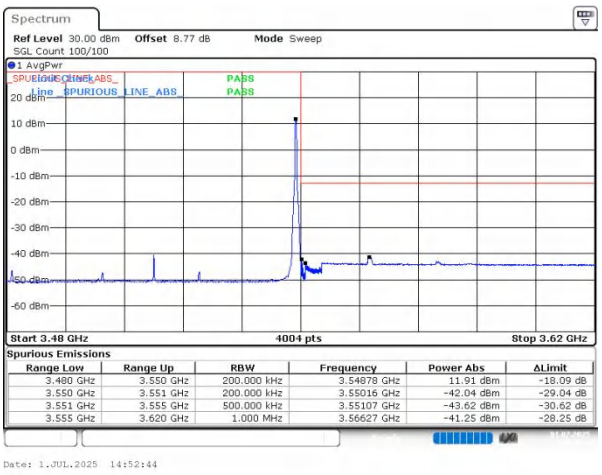
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz

HighChannel=634332 RB=1@188



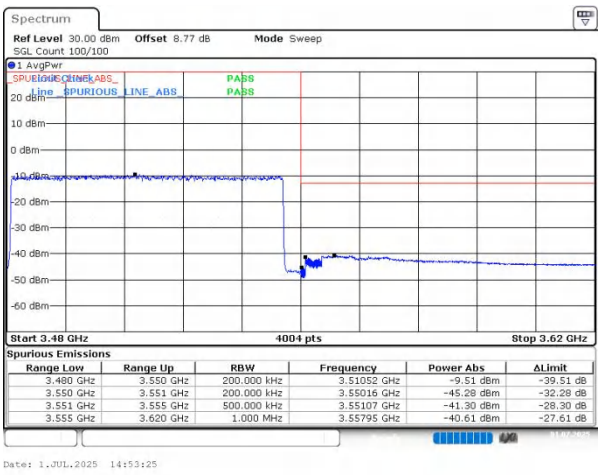
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz

HighChannel=634332 RB=180@0



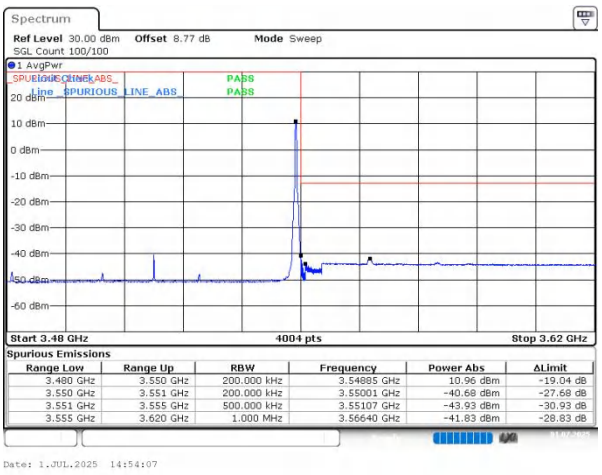
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz

HighChannel=634332 RB=1@188



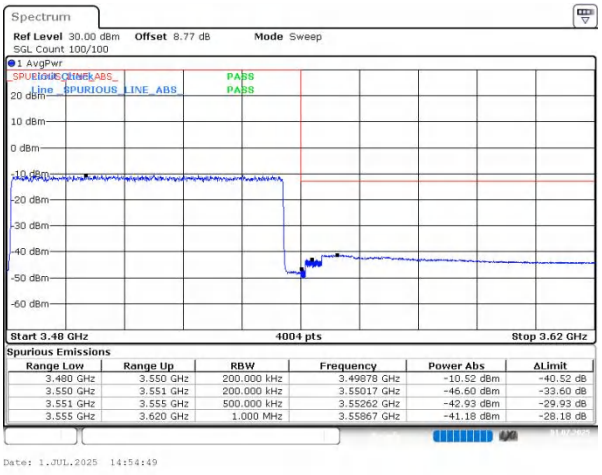
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz

HighChannel=634332 RB=180@0



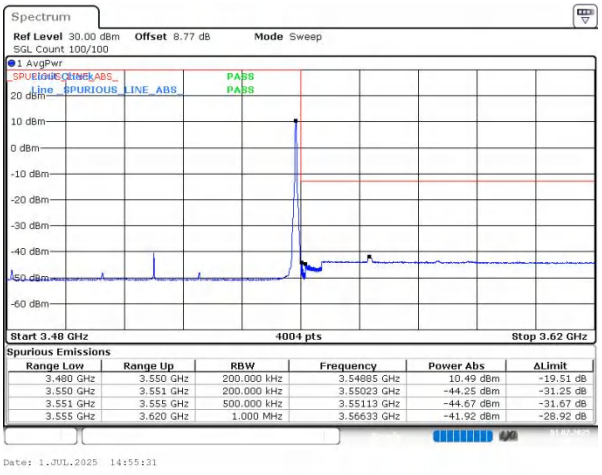
n78(3450-3550) SCS=30kHz DFT_16QAM BW=70MHz

HighChannel=634332 RB=1@188



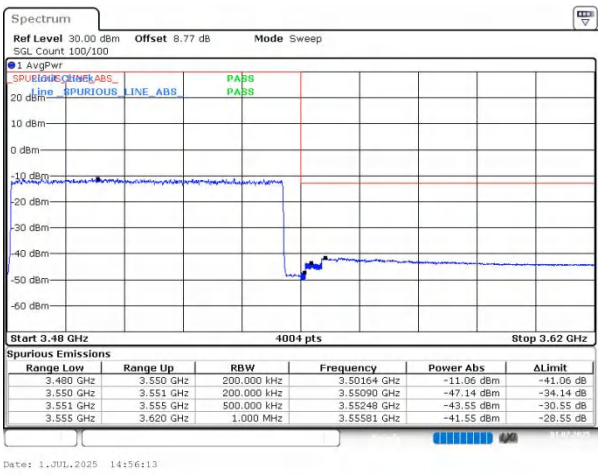
n78(3450-3550) SCS=30kHz DFT_16QAM BW=70MHz

HighChannel=634332 RB=180@0



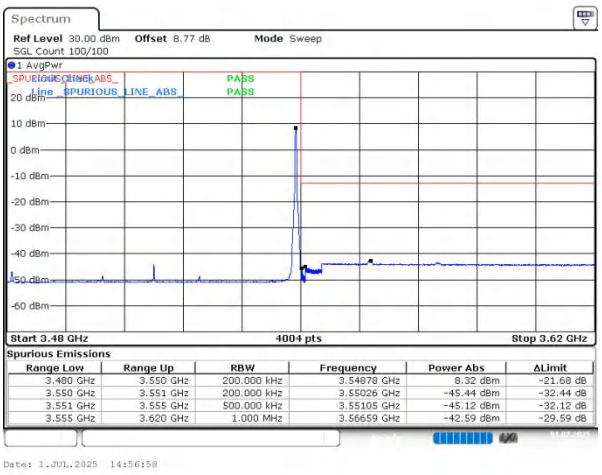
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz

HighChannel=634332 RB=1@188



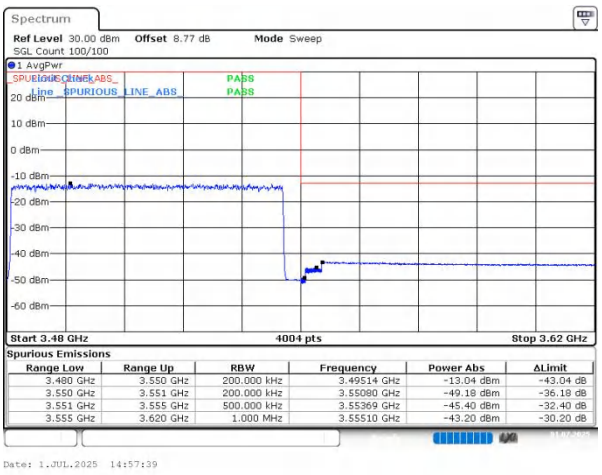
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz

HighChannel=634332 RB=180@0



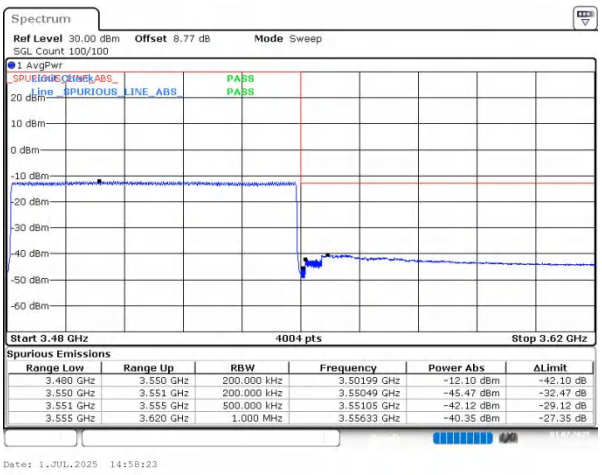
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz

HighChannel=634332 RB=1@188



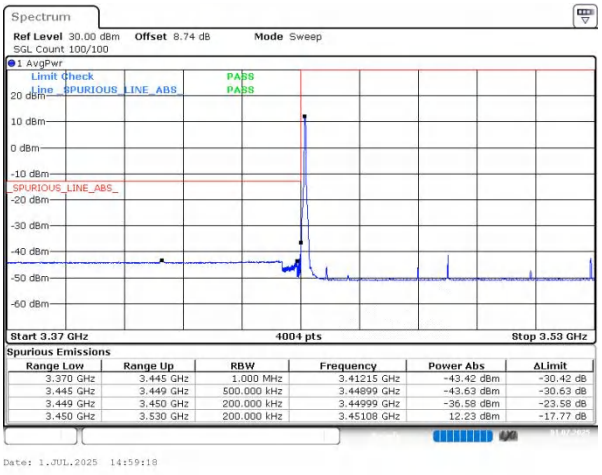
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz

HighChannel=634332 RB=180@0



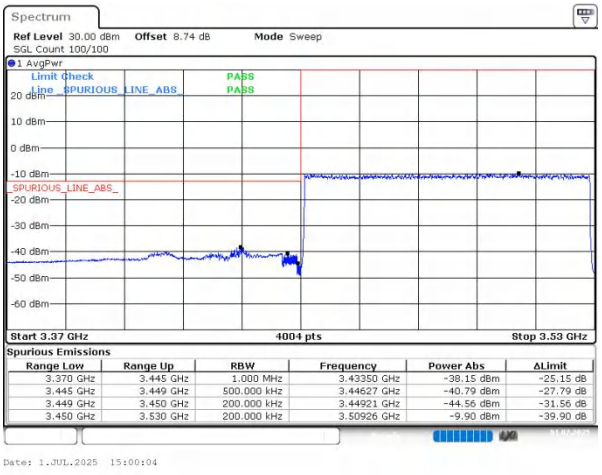
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz

HighChannel=634332 RB=189@0



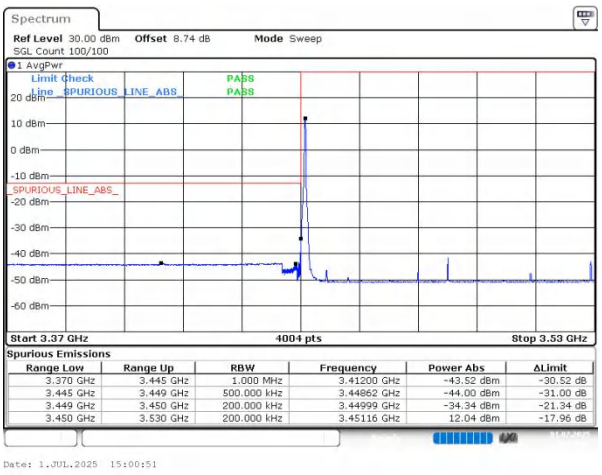
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz

LowChannel=632668 RB=1@0



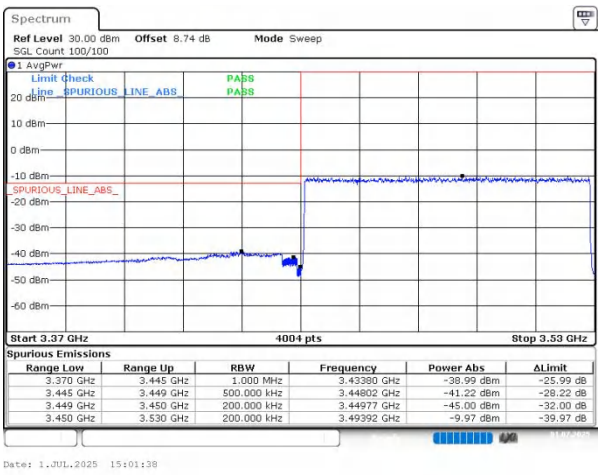
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz

LowChannel=632668 RB=216@0



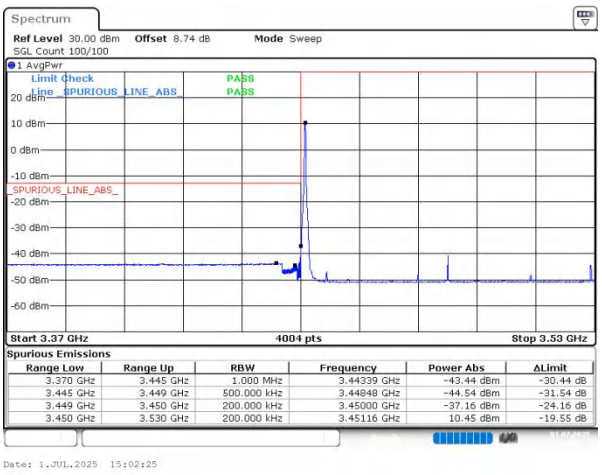
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz

LowChannel=632668 RB=1@0



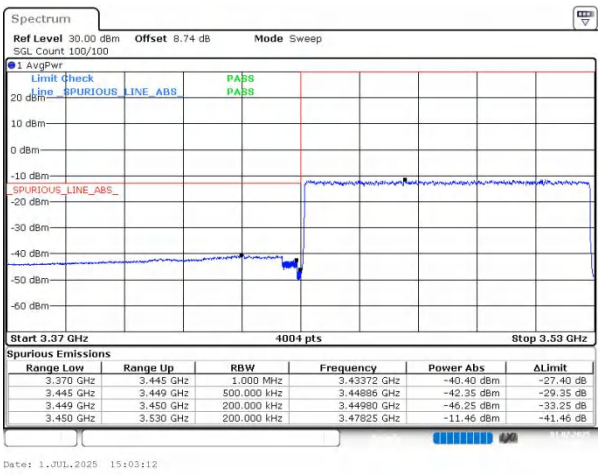
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz

LowChannel=632668 RB=216@0



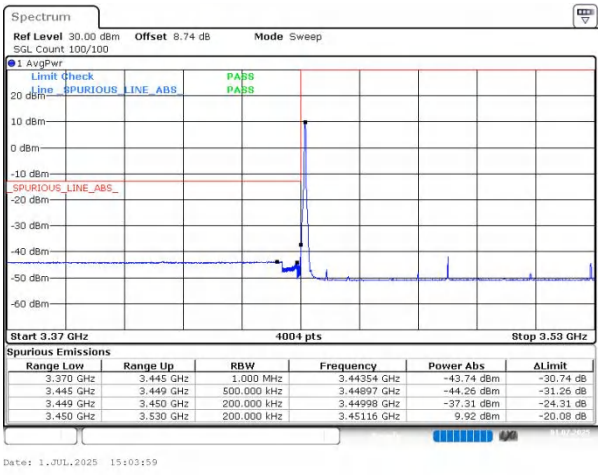
n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz

LowChannel=632668 RB=1@0



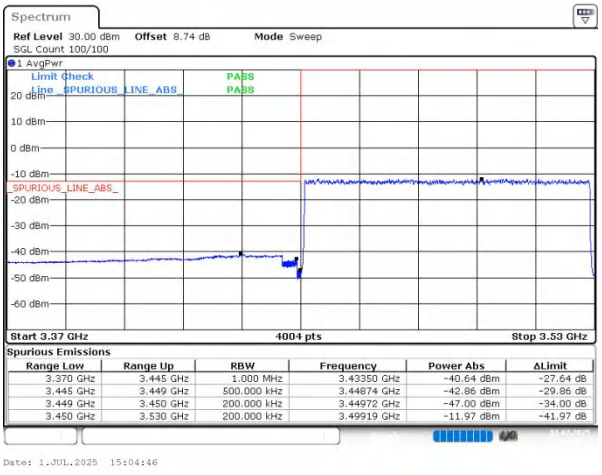
n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz

LowChannel=632668 RB=216@0



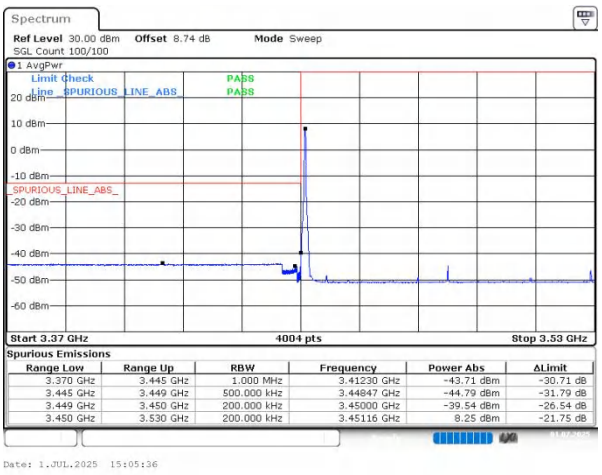
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz

LowChannel=632668 RB=1@0



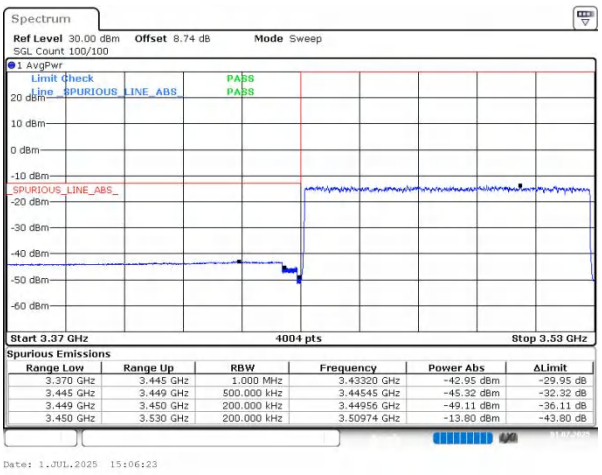
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz

LowChannel=632668 RB=216@0



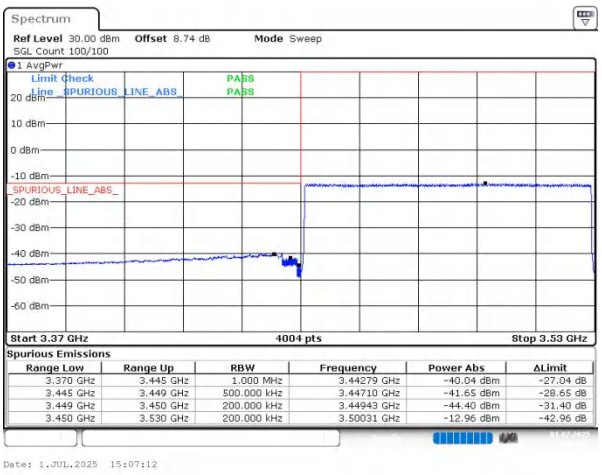
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz

LowChannel=632668 RB=1@0



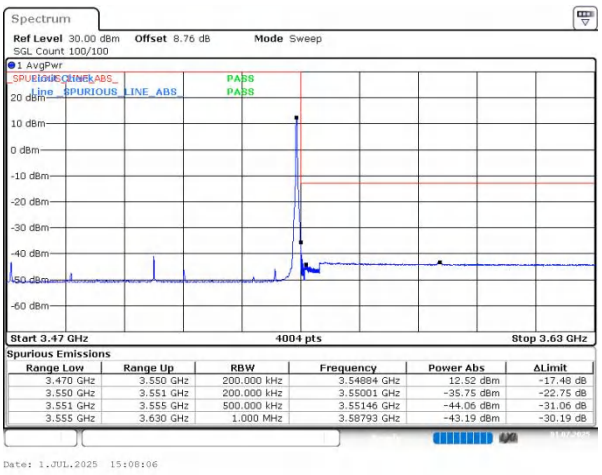
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz

LowChannel=632668 RB=216@0



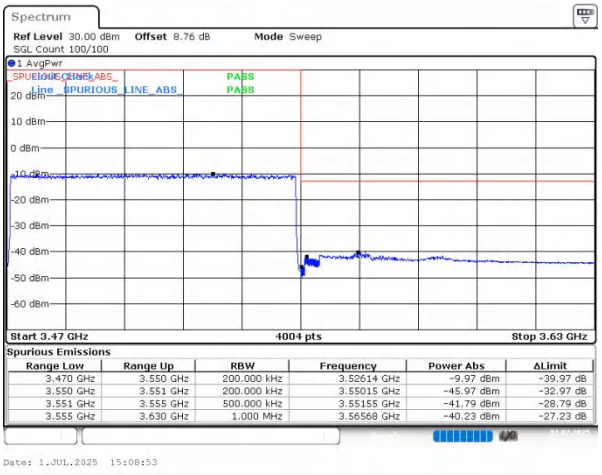
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz

LowChannel=632668 RB=217@0



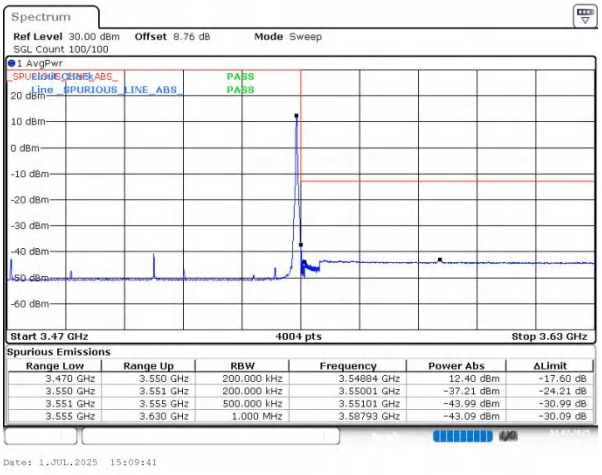
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz

HighChannel=634000 RB=1@216



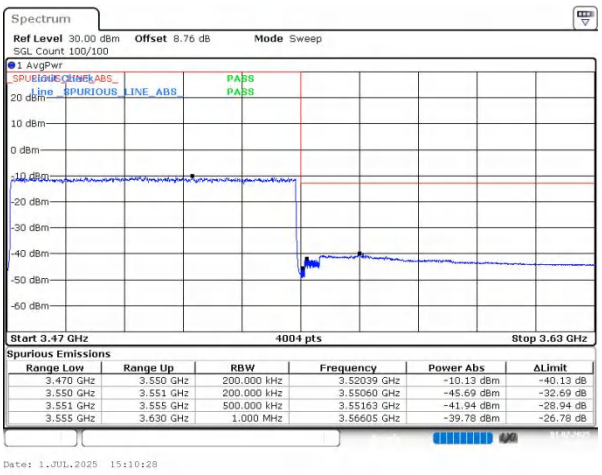
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz

HighChannel=634000 RB=216@0



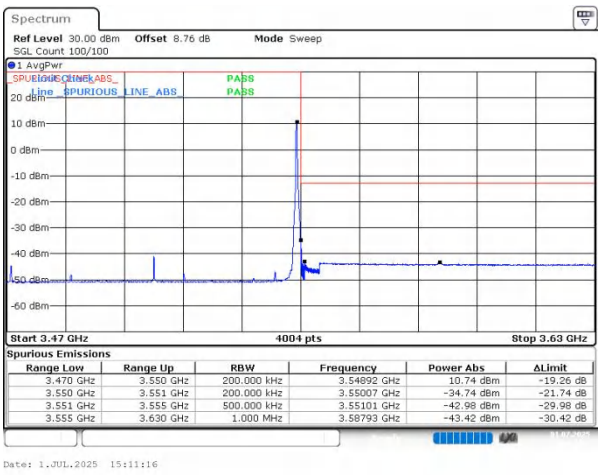
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz

HighChannel=634000 RB=1@216



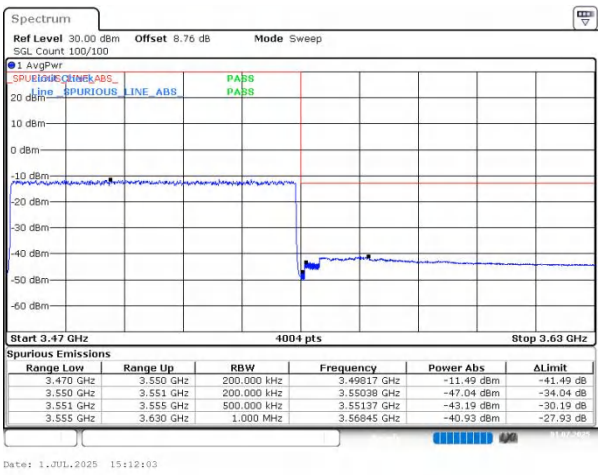
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz

HighChannel=634000 RB=216@0



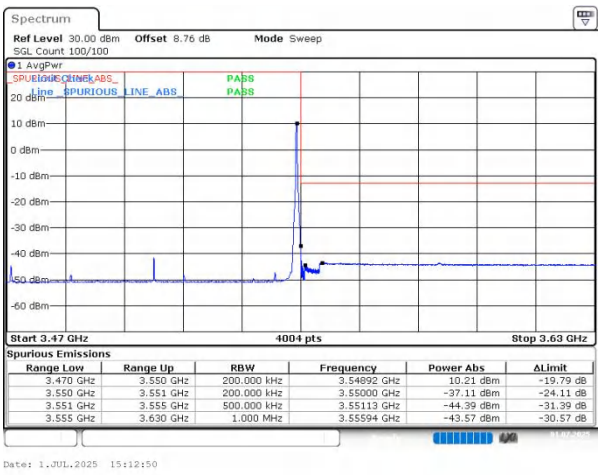
n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz

HighChannel=634000 RB=1@216



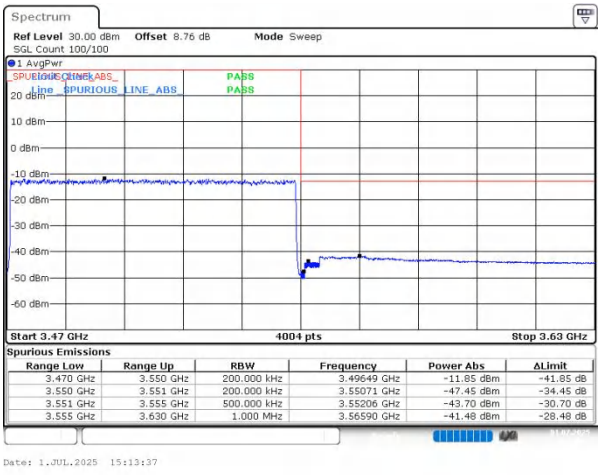
n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz

HighChannel=634000 RB=216@0



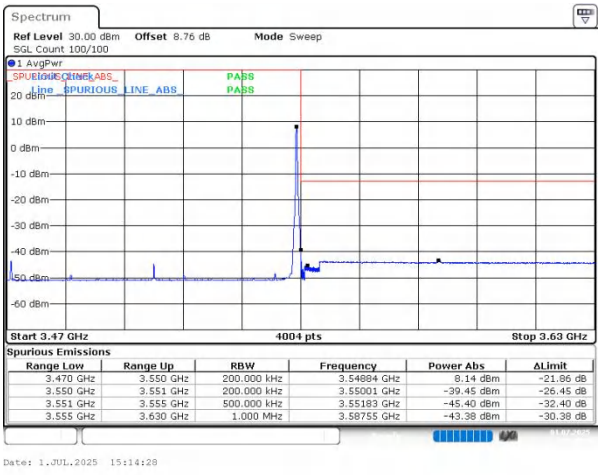
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz

HighChannel=634000 RB=1@216



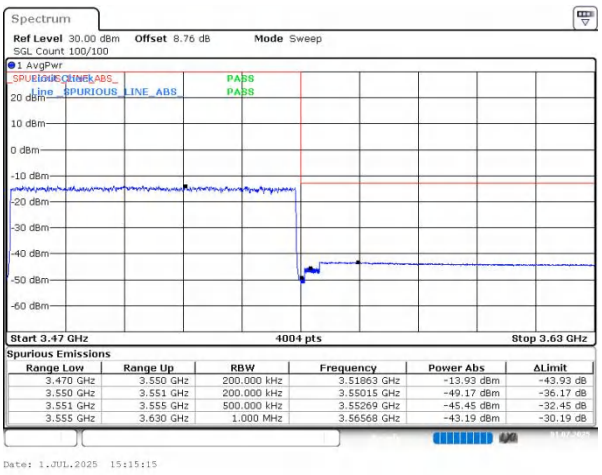
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz

HighChannel=634000 RB=216@0



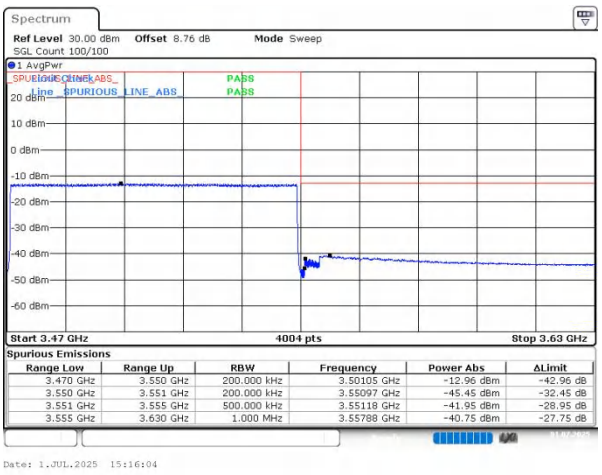
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz

HighChannel=634000 RB=1@216



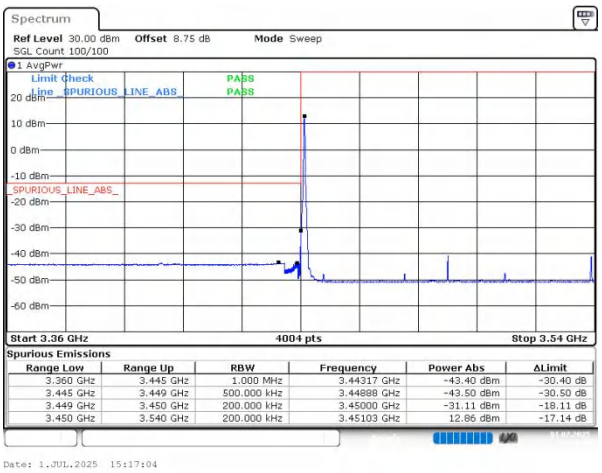
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz

HighChannel=634000 RB=216@0



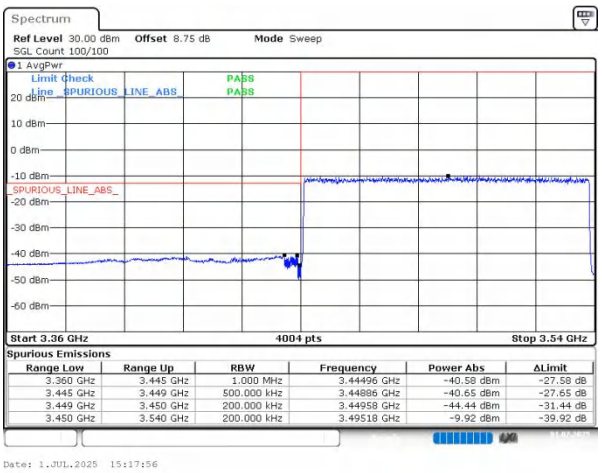
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz

HighChannel=634000 RB=217@0



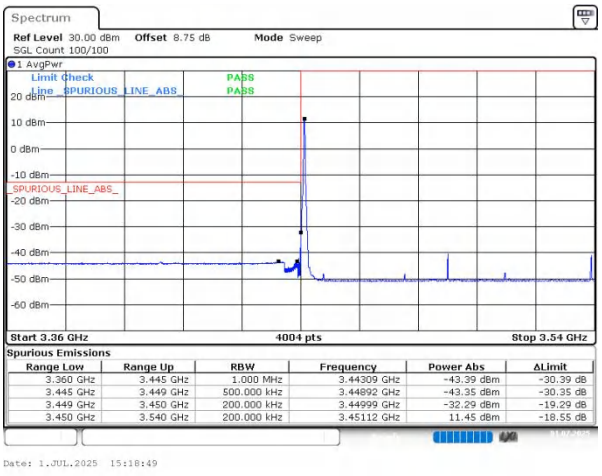
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz

LowChannel=633000 RB=1@0



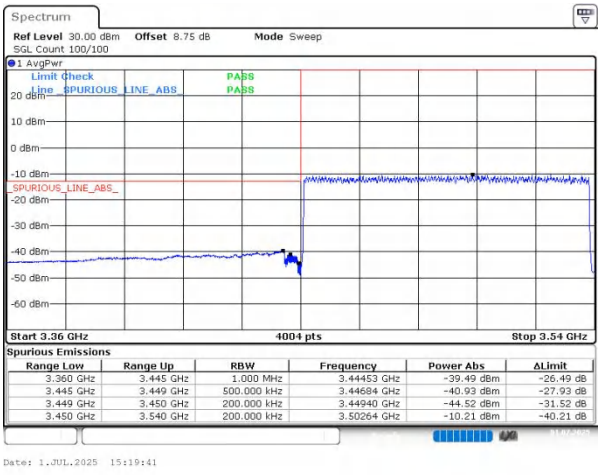
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz

LowChannel=633000 RB=243@0



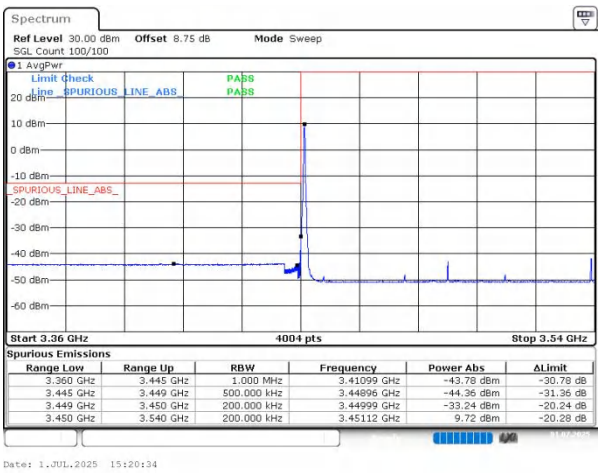
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz

LowChannel=633000 RB=1@0



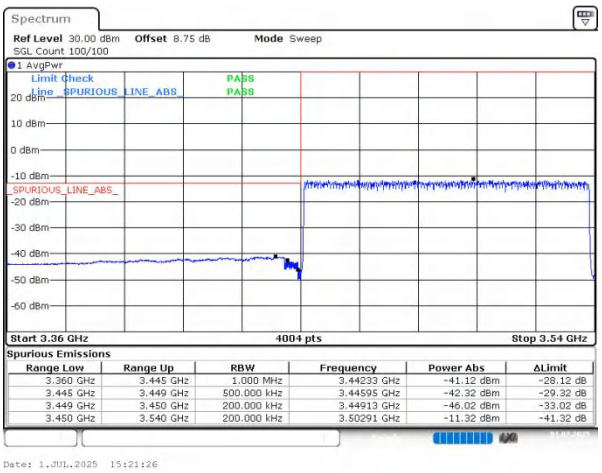
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz

LowChannel=633000 RB=243@0



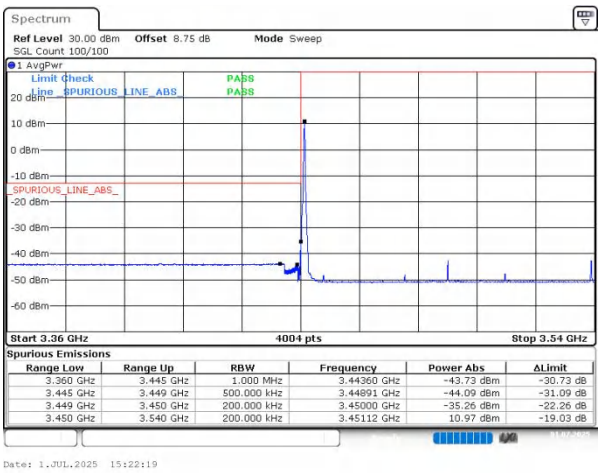
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz

LowChannel=633000 RB=1@0



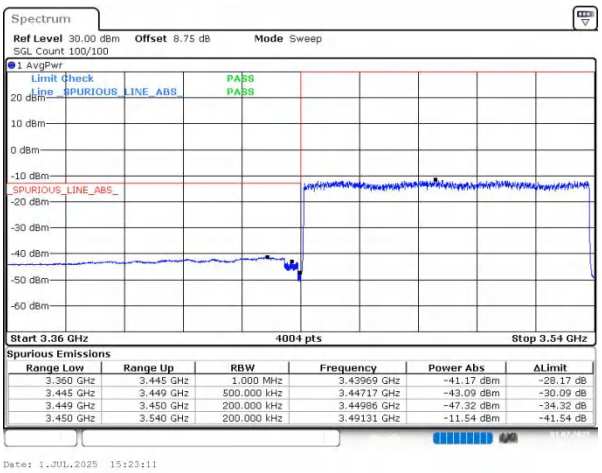
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz

LowChannel=633000 RB=243@0



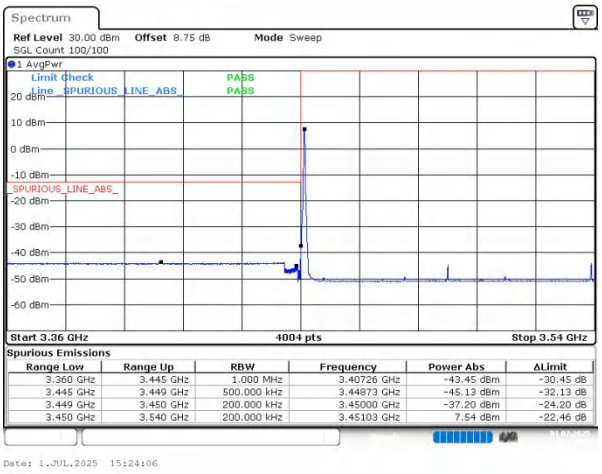
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz

LowChannel=633000 RB=1@0



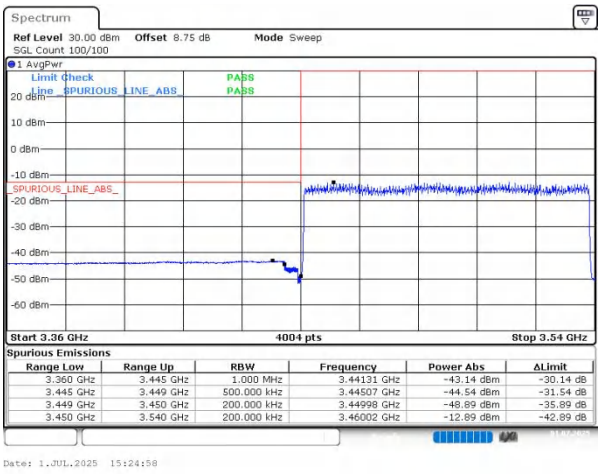
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz

LowChannel=633000 RB=243@0



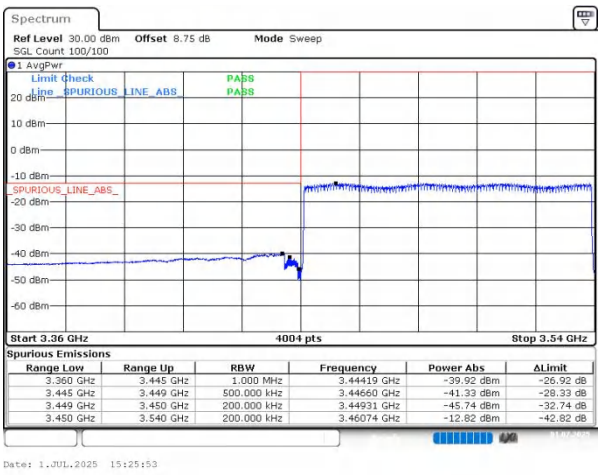
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz

LowChannel=633000 RB=1@0



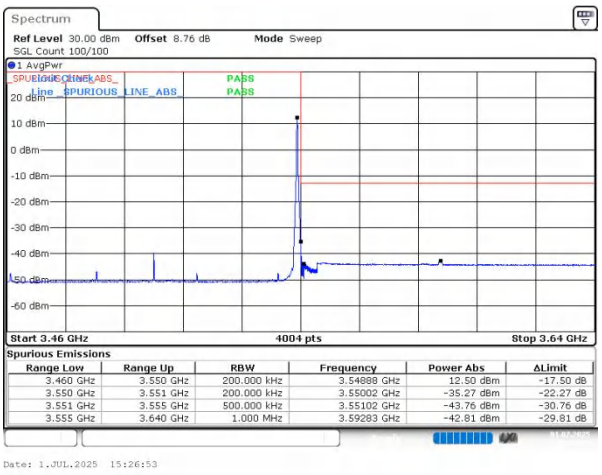
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz

LowChannel=633000 RB=243@0



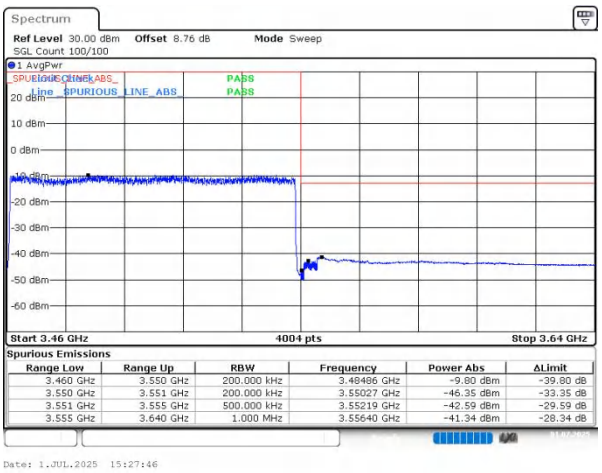
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz

LowChannel=633000 RB=245@0



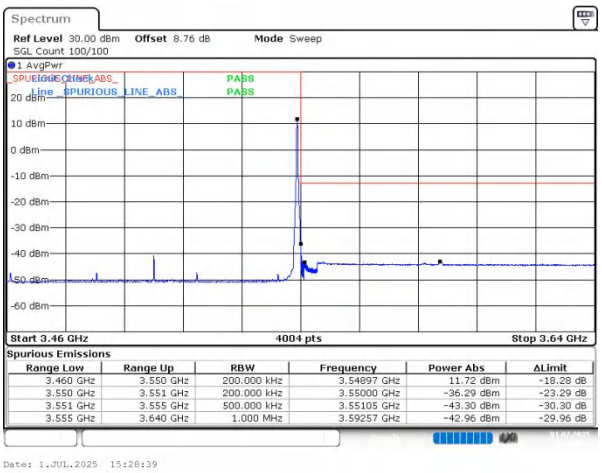
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz

HighChannel=633666 RB=1@244



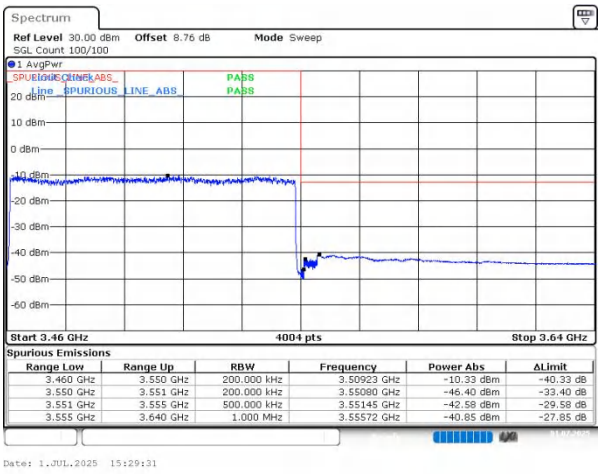
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz

HighChannel=633666 RB=243@0



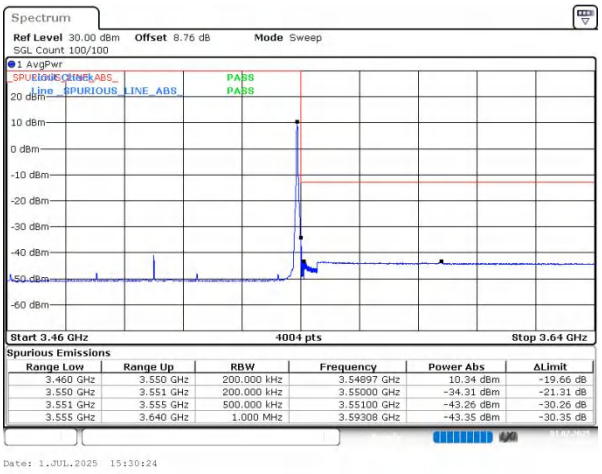
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz

HighChannel=633666 RB=1@244



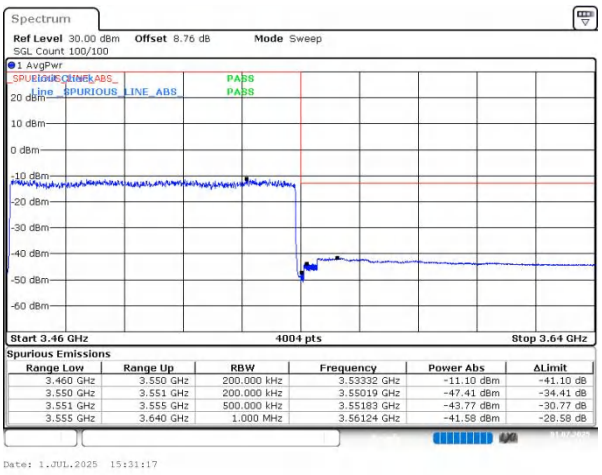
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz

HighChannel=633666 RB=243@0



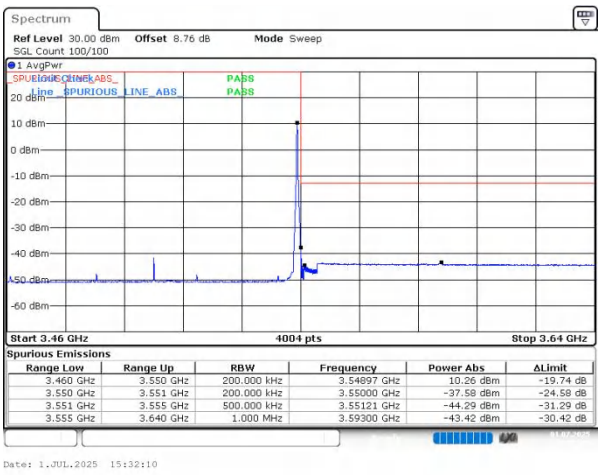
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz

HighChannel=633666 RB=1@244



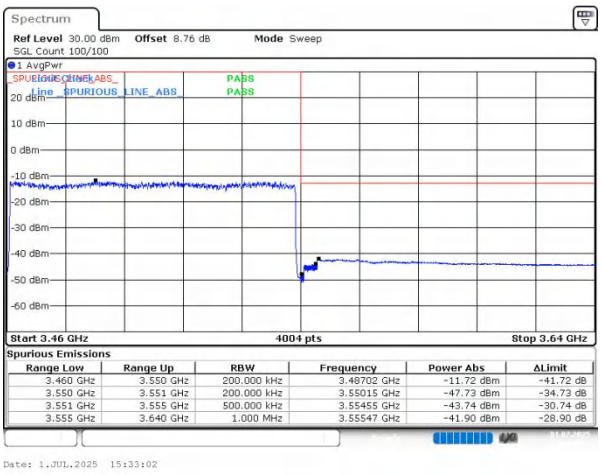
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz

HighChannel=633666 RB=243@0



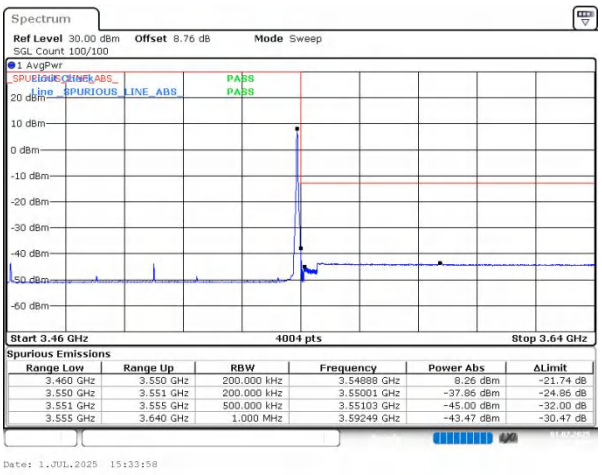
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz

HighChannel=633666 RB=1@244



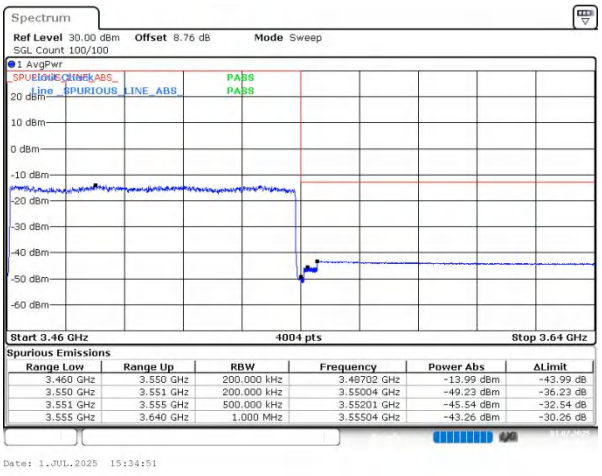
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz

HighChannel=633666 RB=243@0



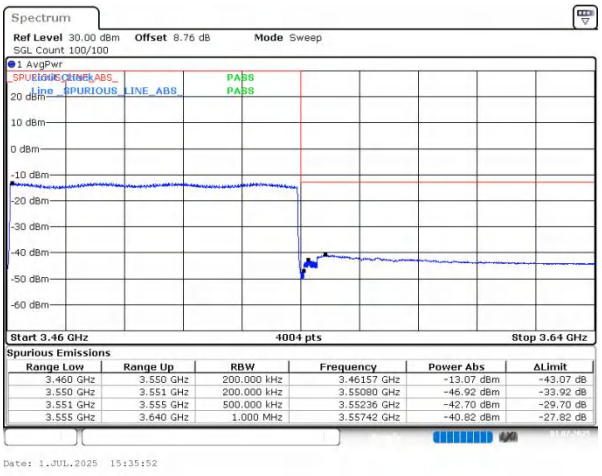
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz

HighChannel=633666 RB=1@244



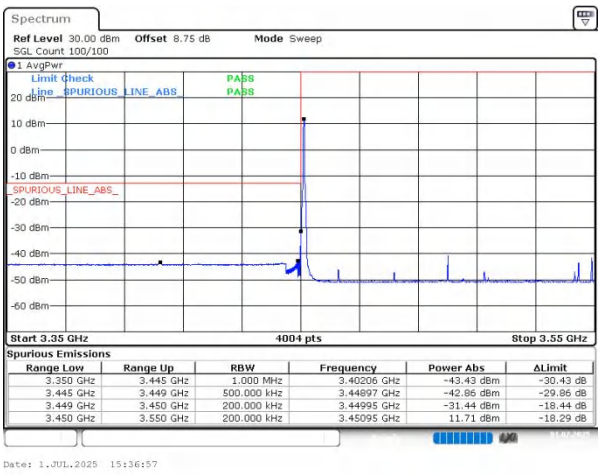
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz

HighChannel=633666 RB=243@0



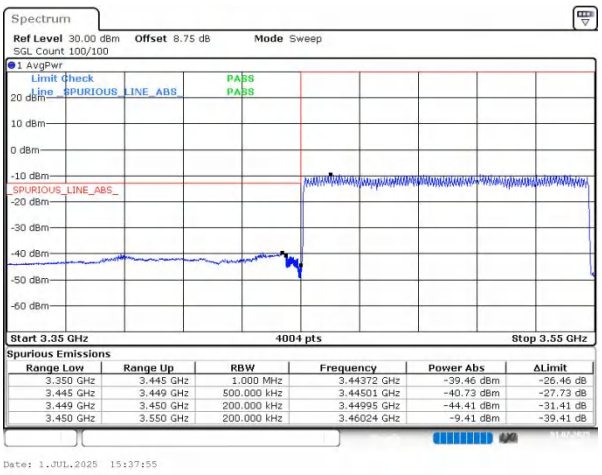
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz

HighChannel=633666 RB=245@0



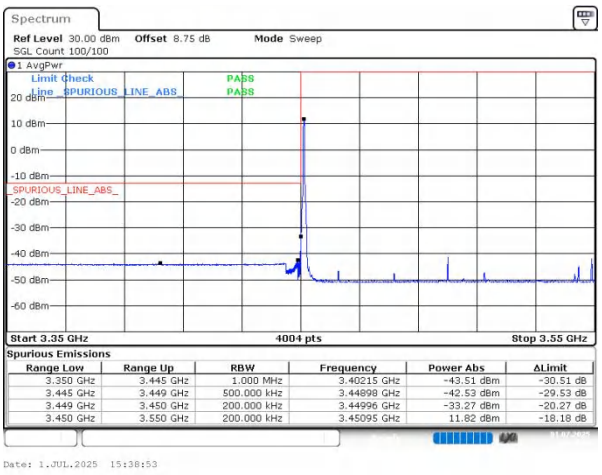
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

LowChannel=633334 RB=1@0



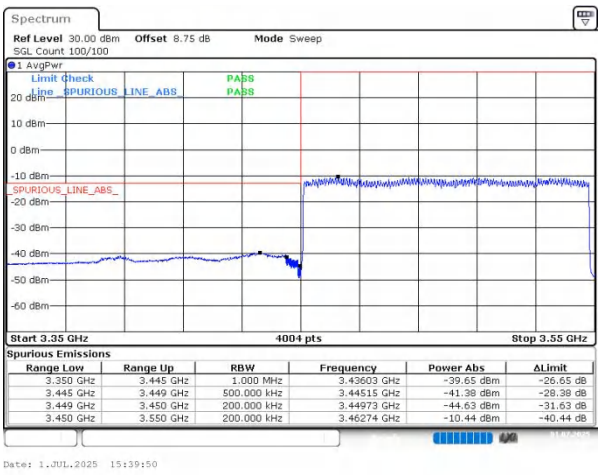
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

LowChannel=633334 RB=270@0



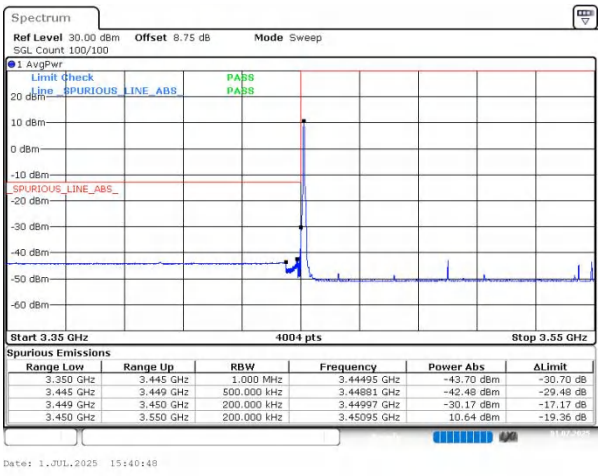
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz

LowChannel=633334 RB=1@0



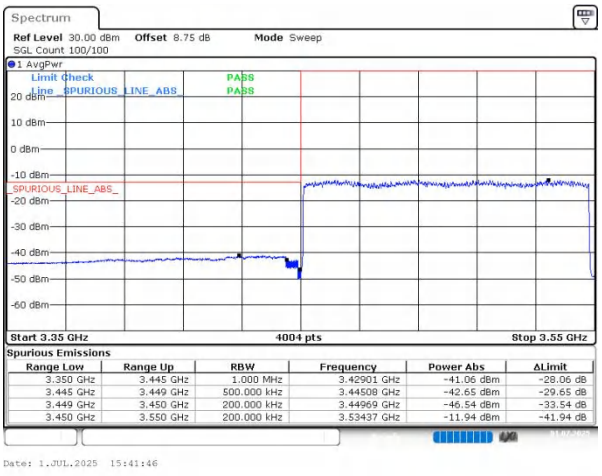
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz

LowChannel=633334 RB=270@0



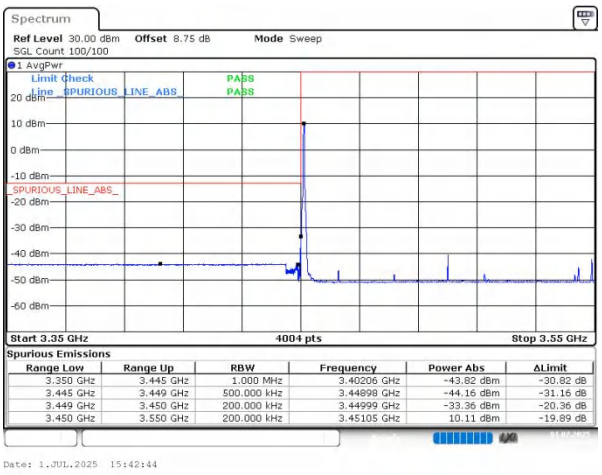
n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz

LowChannel=633334 RB=1@0



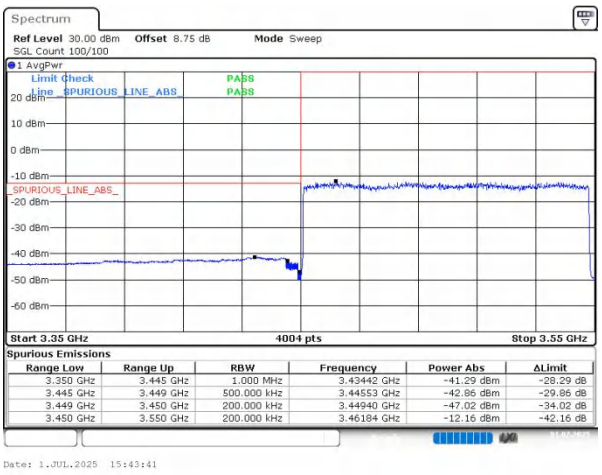
n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz

LowChannel=633334 RB=270@0



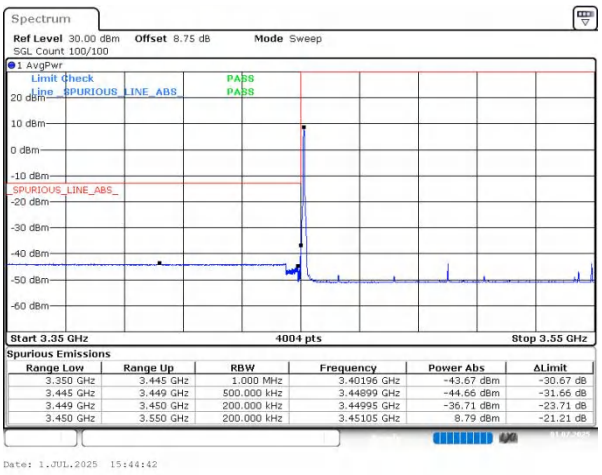
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz

LowChannel=633334 RB=1@0



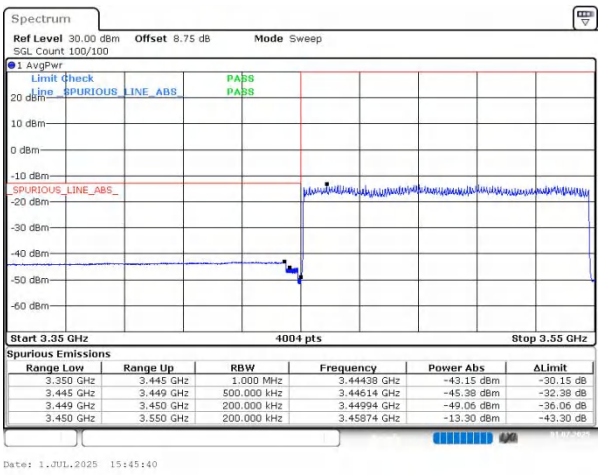
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz

LowChannel=633334 RB=270@0



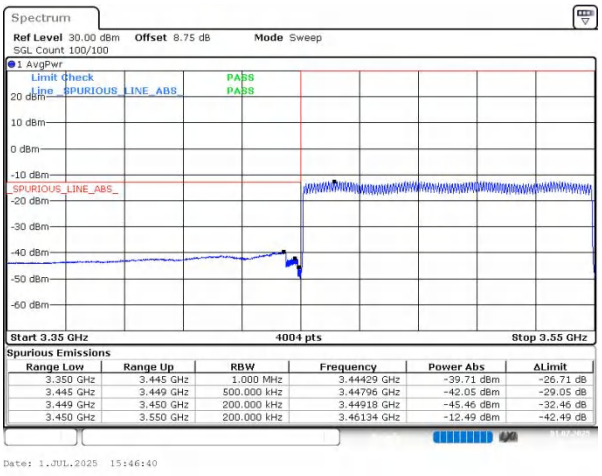
n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz

LowChannel=633334 RB=1@0



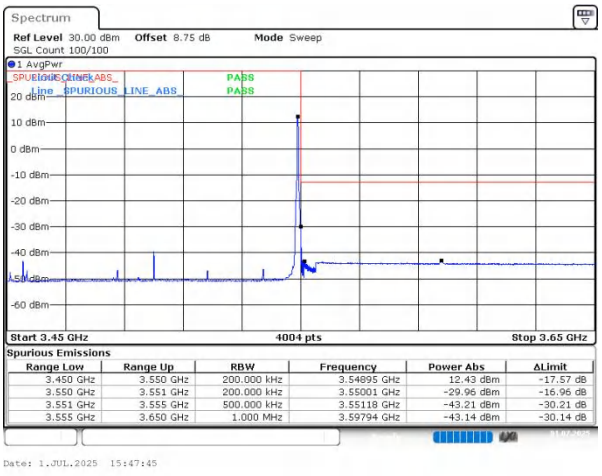
n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz

LowChannel=633334 RB=270@0



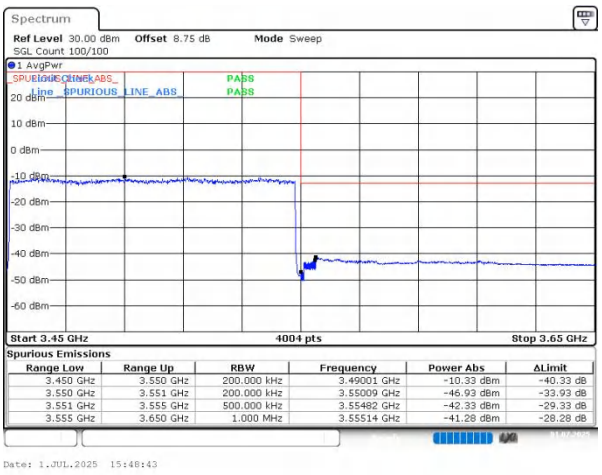
n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz

LowChannel=633334 RB=273@0



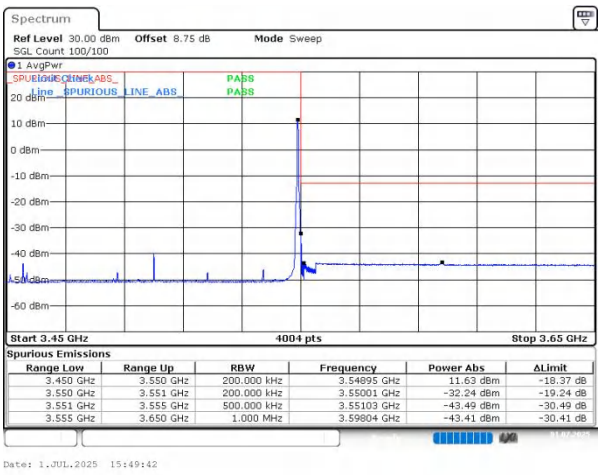
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

HighChannel=633334 RB=1@272



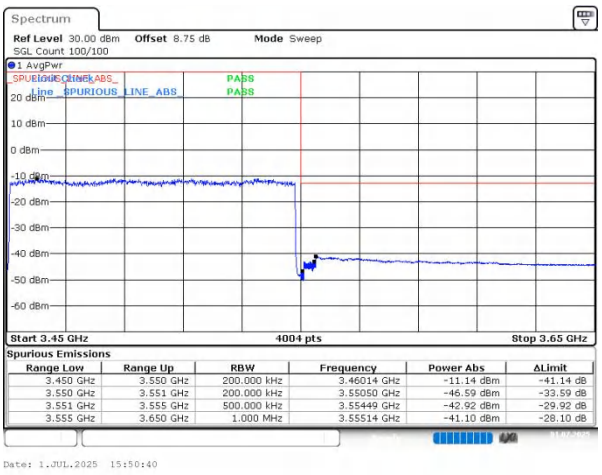
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

HighChannel=633334 RB=270@0



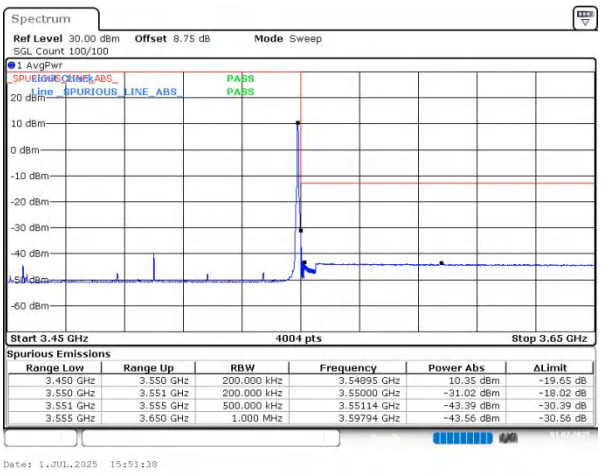
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz

HighChannel=633334 RB=1@272



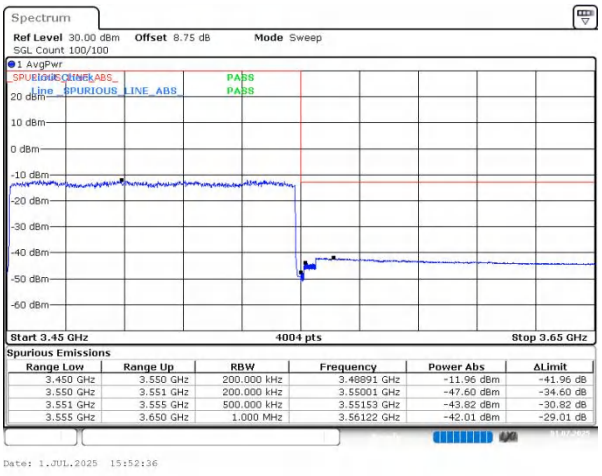
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz

HighChannel=633334 RB=270@0



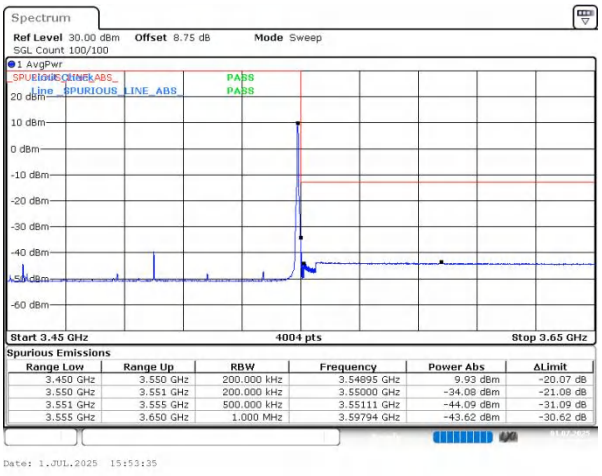
n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz

HighChannel=633334 RB=1@272



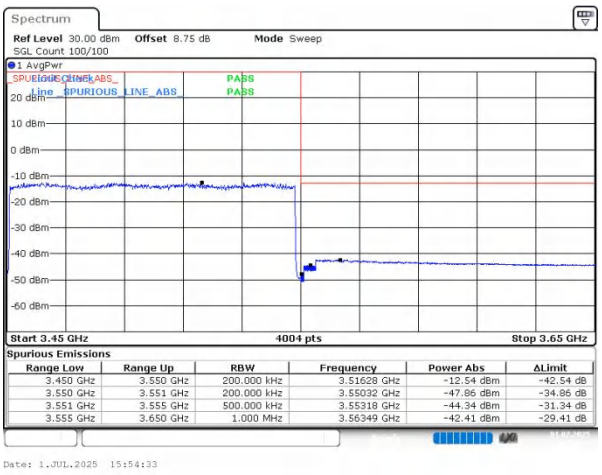
n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz

HighChannel=633334 RB=270@0



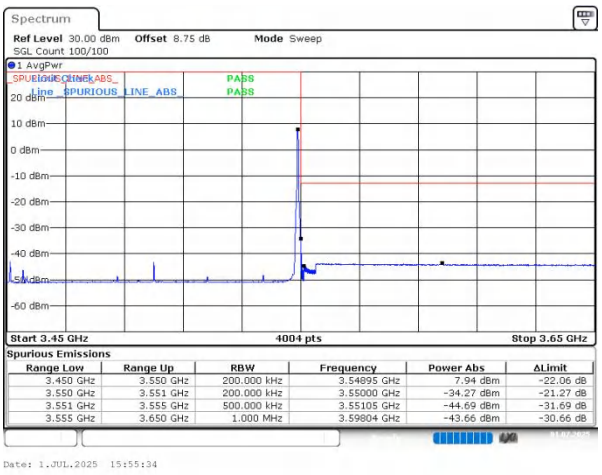
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz

HighChannel=633334 RB=1@272



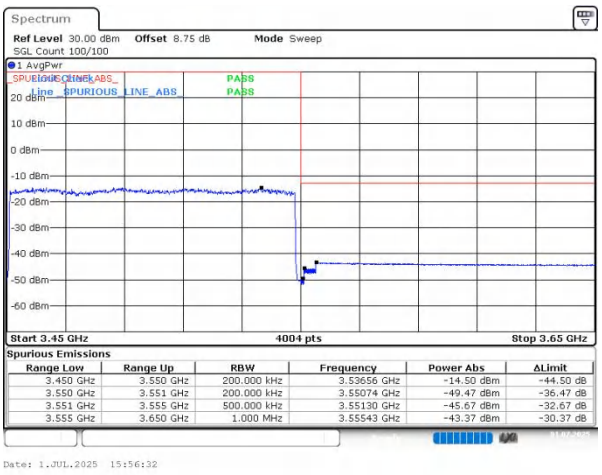
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz

HighChannel=633334 RB=270@0



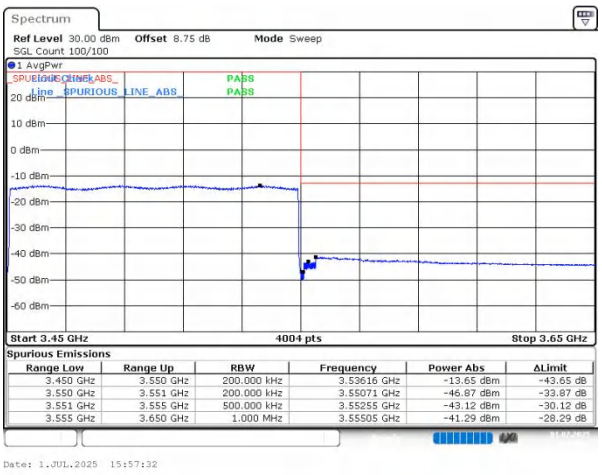
n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz

HighChannel=633334 RB=1@272



n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz

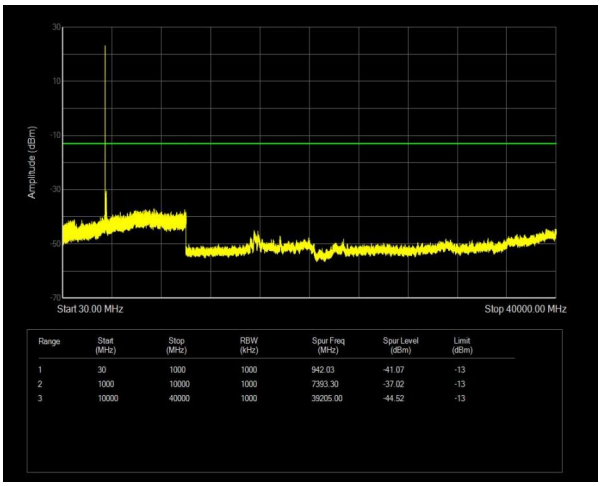
HighChannel=633334 RB=270@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz

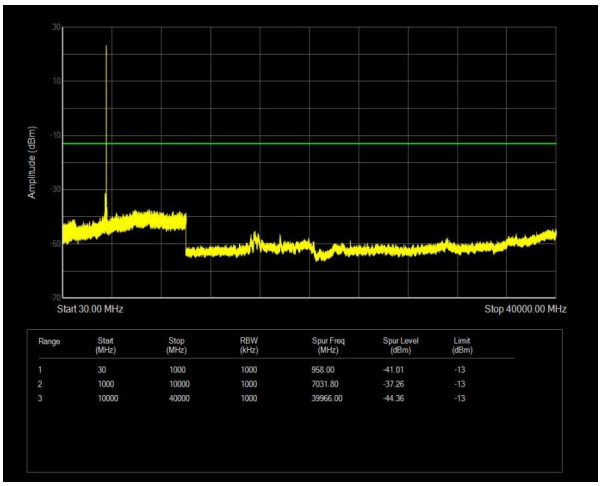
HighChannel=633334 RB=273@0

6. Conducted Spurious Emissions



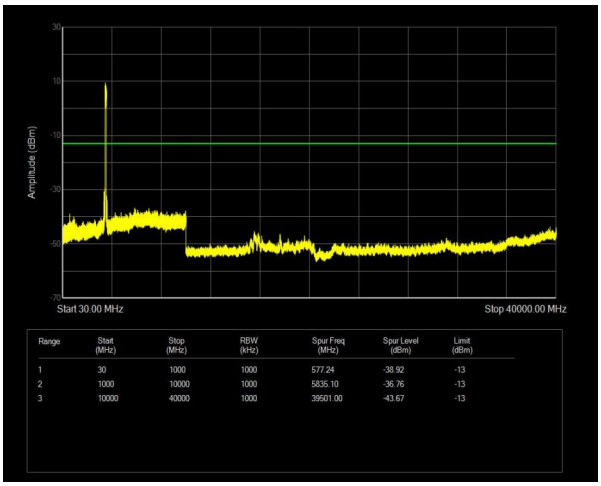
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

Channel=633334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

Channel=633334 RB=1@272



n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

Channel=633334 RB=270@0

7. Radiated Spurious Emissions

n77(3.45G) - DFT-s-OFDM - PI/2 BPSK - 20M - High Channel									
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA. Reading (dBm)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5736	-44.23	-13	-31.23	-58.57	-50.34	5.95	12.06	H	Pass
9978	-45.19	-13	-32.19	-66.62	-49.55	7.45	11.81	H	Pass
13100	-40.24	-13	-27.24	-68.1	-44.34	8.8	12.9	H	Pass
5736	-45.12	-13	-32.12	-58.6	-51.23	5.95	12.06	V	Pass
11504	-43.84	-13	-30.84	-68.94	-48.18	8.08	12.42	V	Pass
14612	-38.39	-13	-25.39	-66.35	-42.29	9.96	13.86	V	Pass
n78(3.45G) - DFT-s-OFDM - PI/2 BPSK - 20M - Middle Channel									
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA. Reading (dBm)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5750	-47.58	-13	-34.58	-61.54	-53.62	5.96	12	H	Pass
11490	-43.29	-13	-30.29	-68.66	-47.56	8.07	12.34	H	Pass
13506	-40.24	-13	-27.24	-68.06	-44.1	9.01	12.87	H	Pass
5736	-46.28	-13	-33.28	-59.88	-52.39	5.95	12.06	V	Pass
11490	-43.13	-13	-30.13	-68.40	-47.4	8.07	12.34	V	Pass
15032	-38.67	-13	-25.67	-67.11	-42.51	10.42	14.26	V	Pass

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