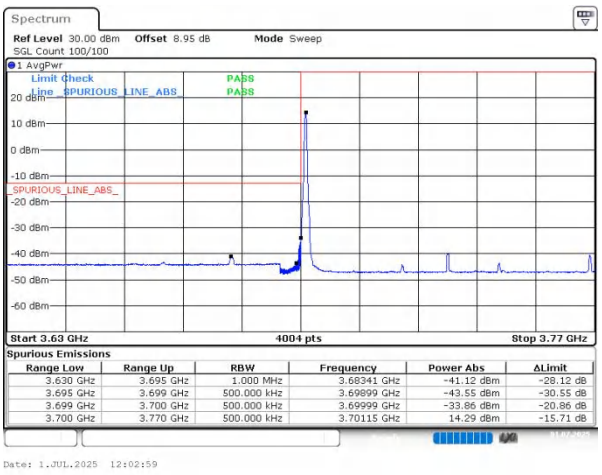
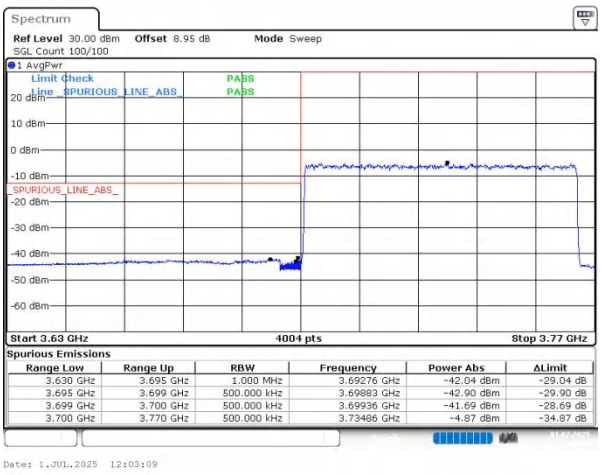


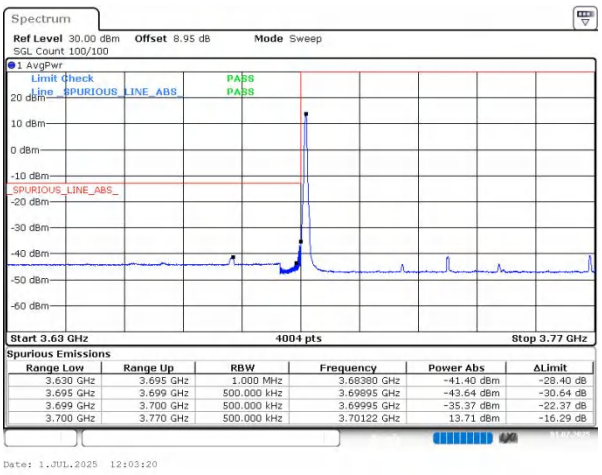
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz

LowChannel=649000 RB=1@0



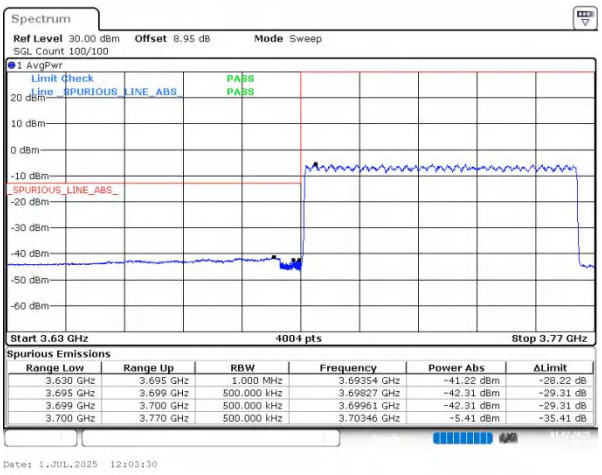
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz

LowChannel=649000 RB=180@0



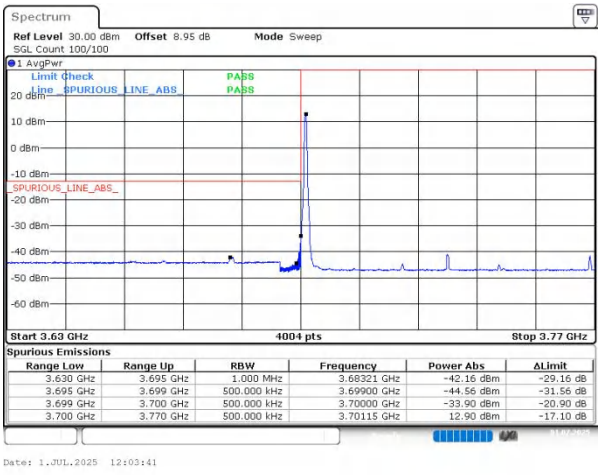
n77(3700-3980) SCS=30kHz DFT_QPSK BW=70MHz

LowChannel=649000 RB=1@0



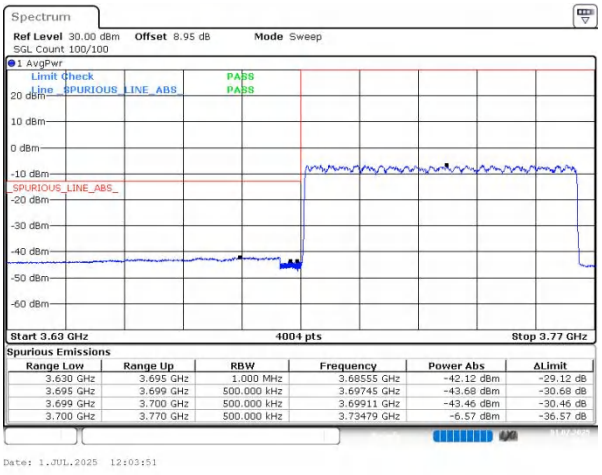
n77(3700-3980) SCS=30kHz DFT_QPSK BW=70MHz

LowChannel=649000 RB=180@0



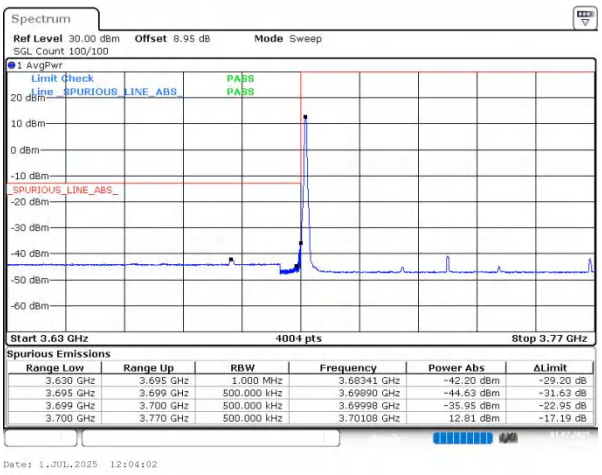
n77(3700-3980) SCS=30kHz DFT_16QAM BW=70MHz

LowChannel=649000 RB=1@0



n77(3700-3980) SCS=30kHz DFT_16QAM BW=70MHz

LowChannel=649000 RB=180@0



n77(3700-3980) SCS=30kHz DFT_64QAM BW=70MHz

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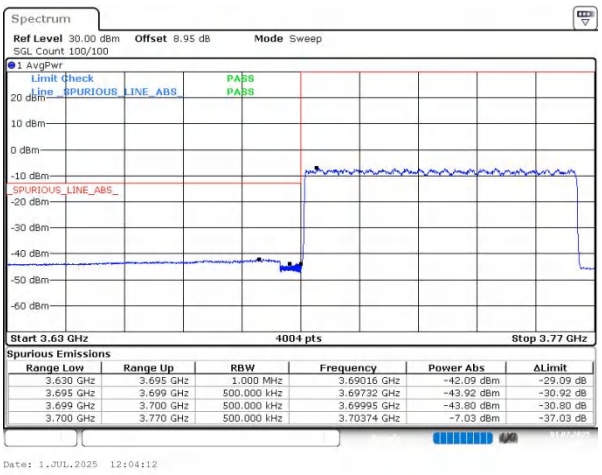
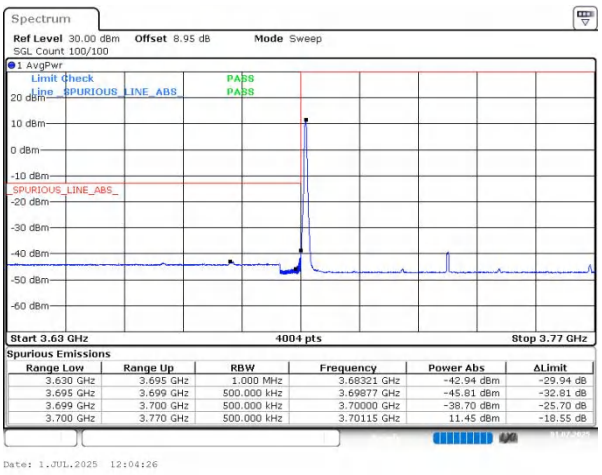


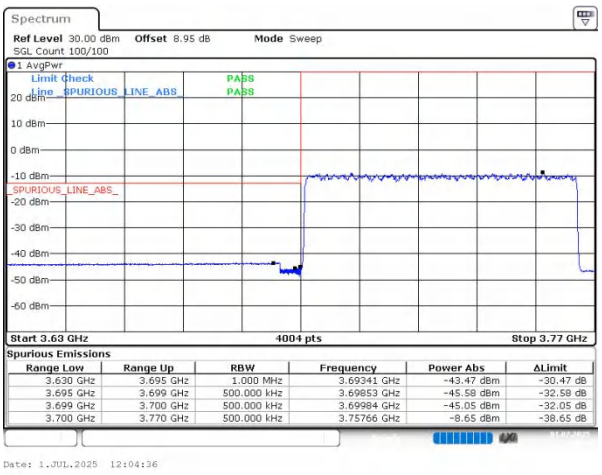
n77(3700-3980) SCS=30kHz DFT_64QAM BW=70MHz

LowChannel=649000 RB=180@0



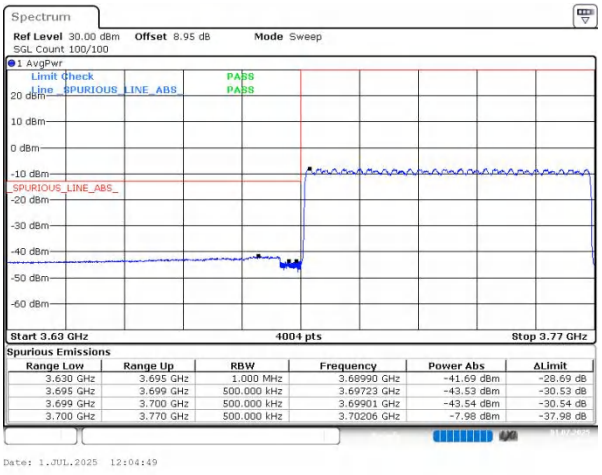
n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz

LowChannel=649000 RB=1@0



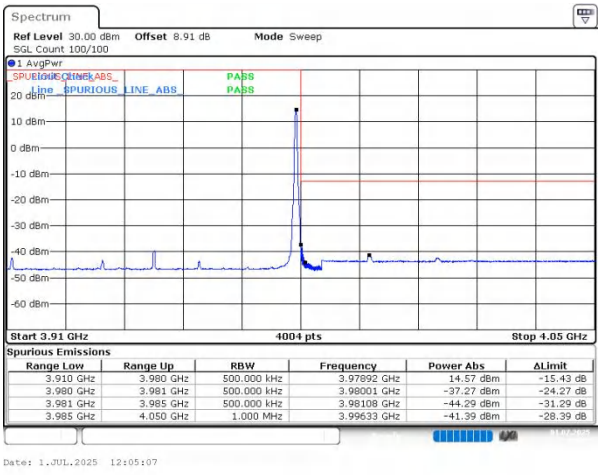
n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz

LowChannel=649000 RB=180@0



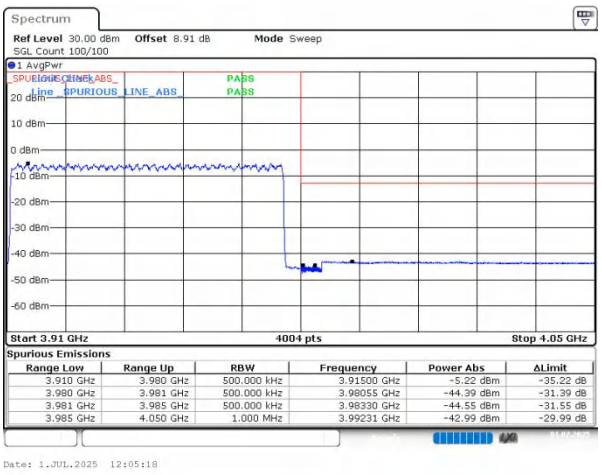
n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz

LowChannel=649000 RB=189@0



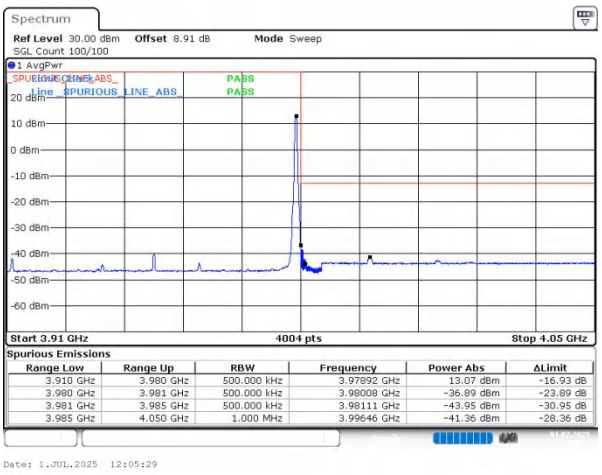
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz

HighChannel=663000 RB=1@188



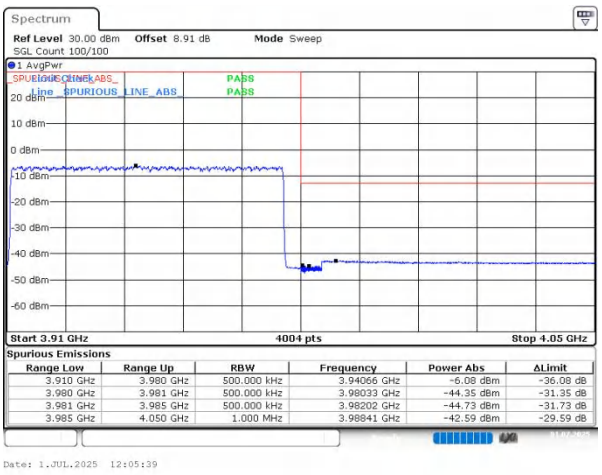
n77(3700-3980) SCS=30kHz DFT_BPSK BW=70MHz

HighChannel=663000 RB=180@0



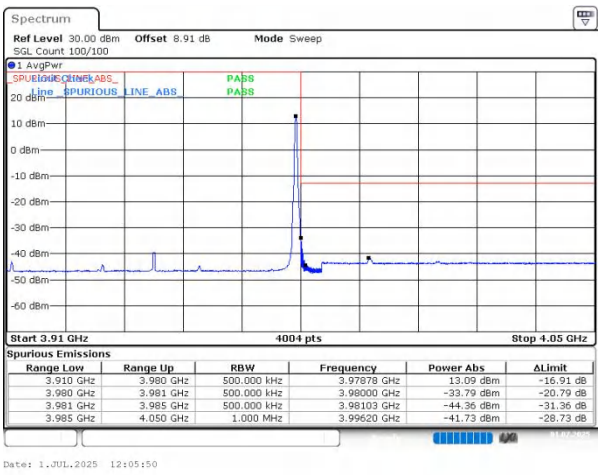
n77(3700-3980) SCS=30kHz DFT_QPSK BW=70MHz

HighChannel=663000 RB=1@188



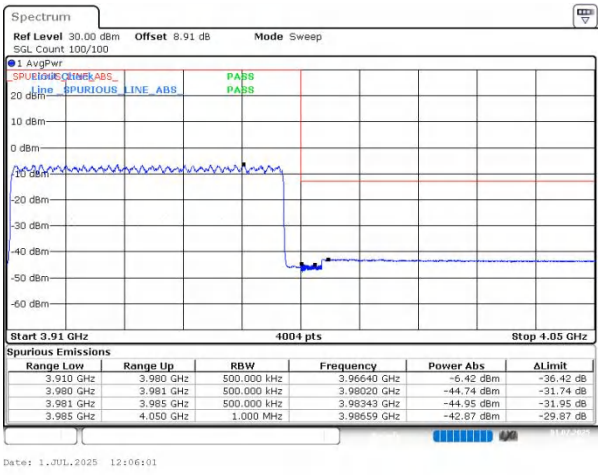
n77(3700-3980) SCS=30kHz DFT_QPSK BW=70MHz

HighChannel=663000 RB=180@0



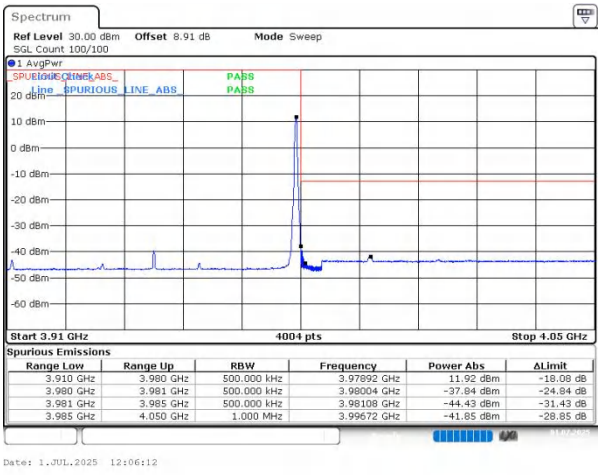
n77(3700-3980) SCS=30kHz DFT_16QAM BW=70MHz

HighChannel=663000 RB=1@188



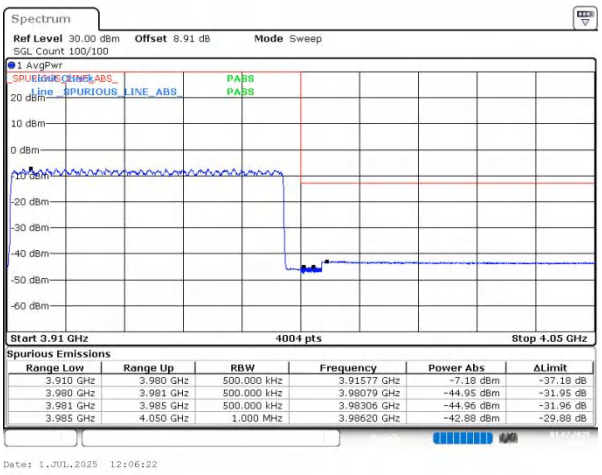
n77(3700-3980) SCS=30kHz DFT_16QAM BW=70MHz

HighChannel=663000 RB=180@0



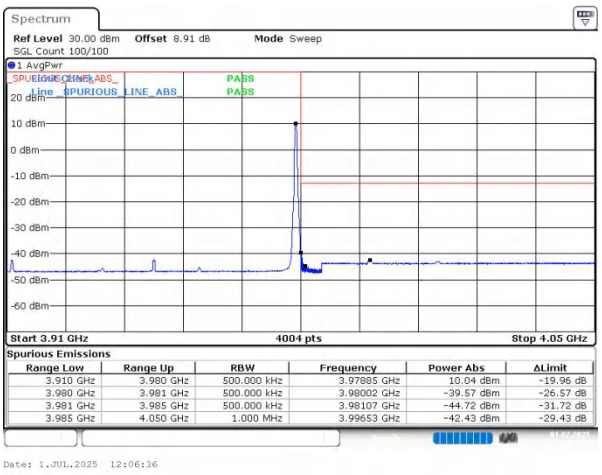
n77(3700-3980) SCS=30kHz DFT_64QAM BW=70MHz

HighChannel=663000 RB=1@188



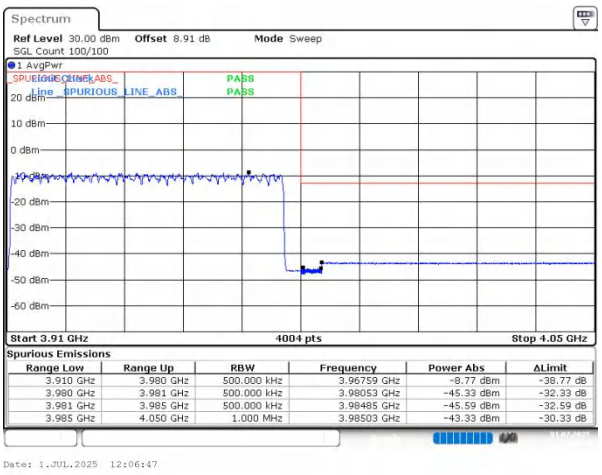
n77(3700-3980) SCS=30kHz DFT_64QAM BW=70MHz

HighChannel=663000 RB=180@0



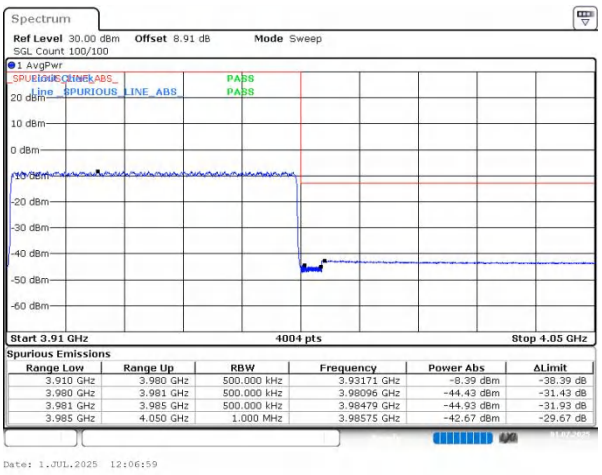
n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz

HighChannel=663000 RB=1@188



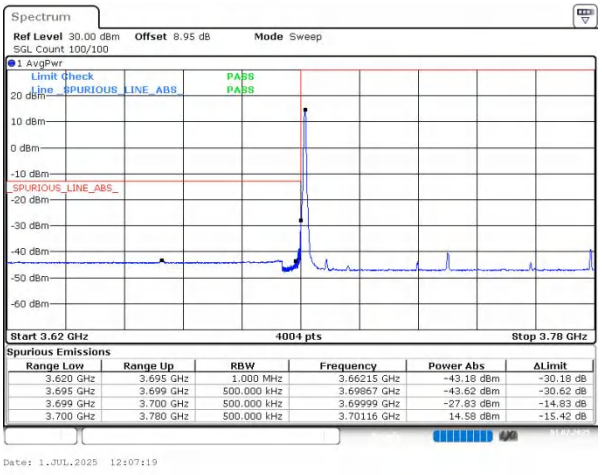
n77(3700-3980) SCS=30kHz DFT_256QAM BW=70MHz

HighChannel=663000 RB=180@0



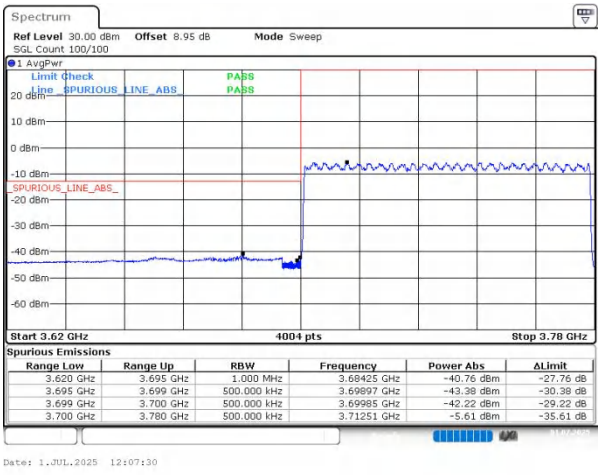
n77(3700-3980) SCS=30kHz CP_QPSK BW=70MHz

HighChannel=663000 RB=189@0



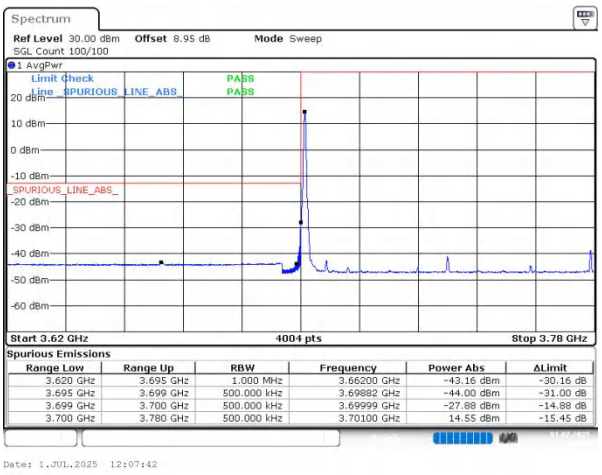
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz

LowChannel=649334 RB=1@0



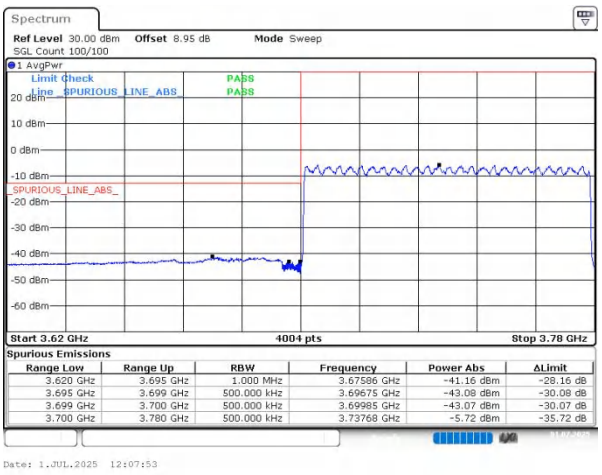
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz

LowChannel=649334 RB=216@0



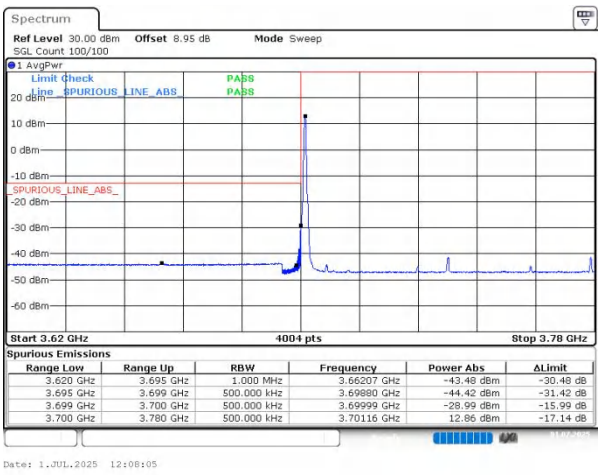
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz

LowChannel=649334 RB=1@0



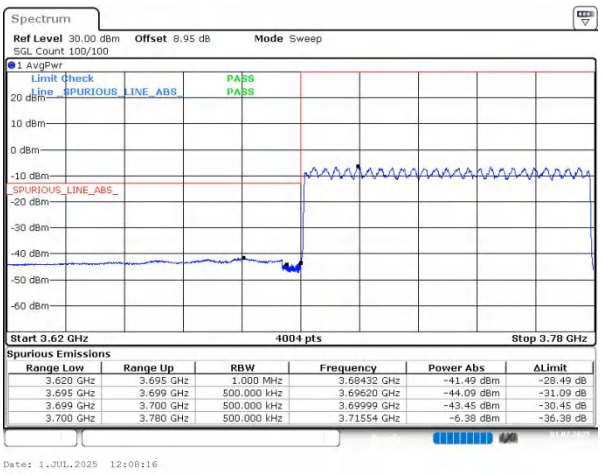
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz

LowChannel=649334 RB=216@0



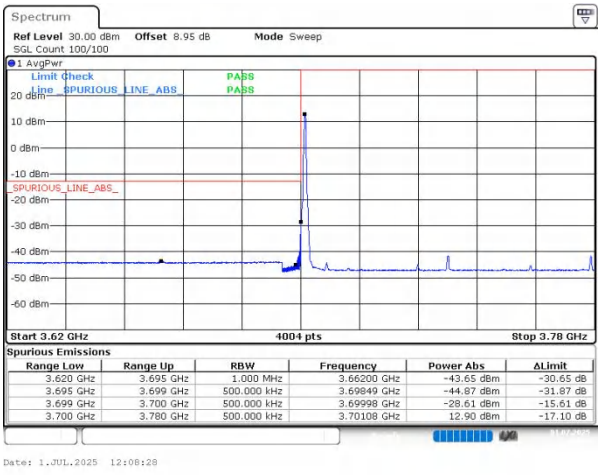
n77(3700-3980) SCS=30kHz DFT_16QAM BW=80MHz

LowChannel=649334 RB=1@0



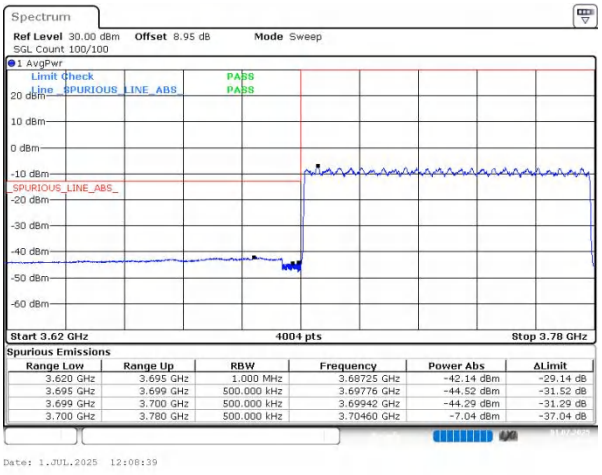
n77(3700-3980) SCS=30kHz DFT_16QAM BW=80MHz

LowChannel=649334 RB=216@0



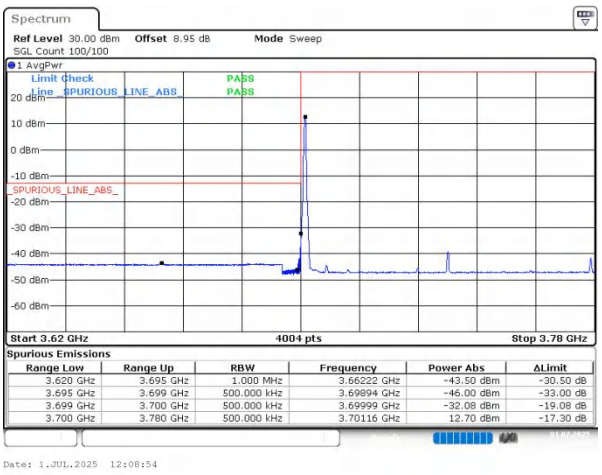
n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz

LowChannel=649334 RB=1@0



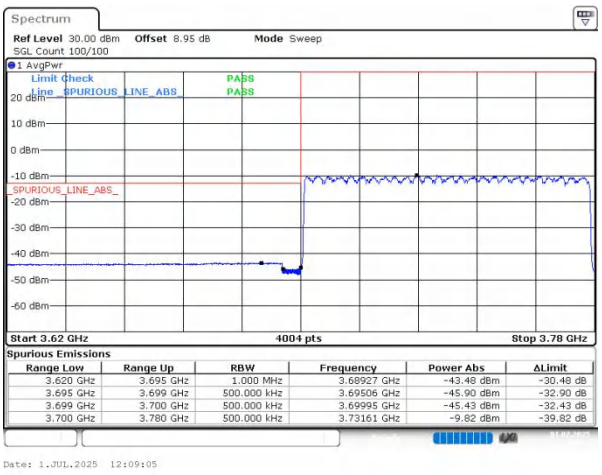
n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz

LowChannel=649334 RB=216@0



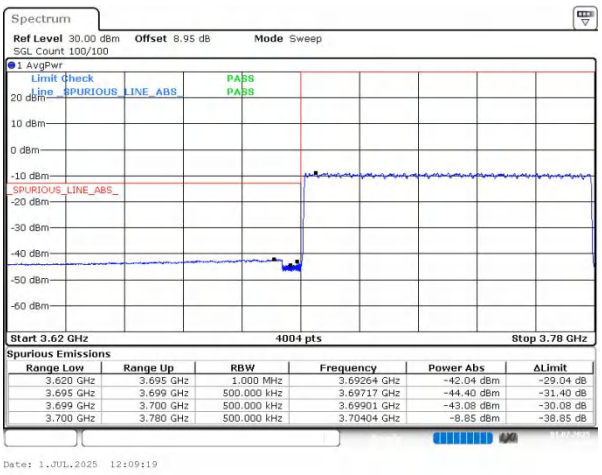
n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz

LowChannel=649334 RB=1@0



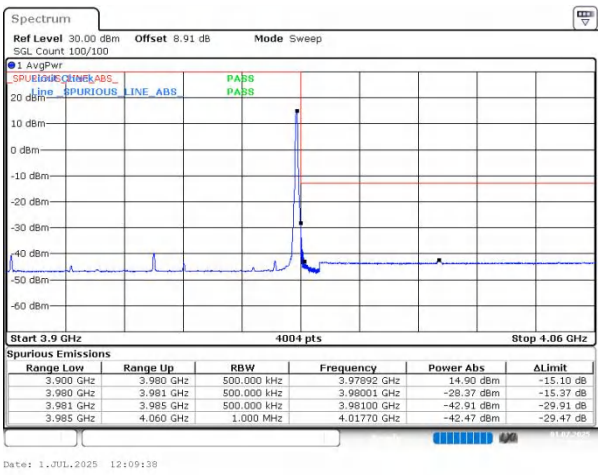
n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz

LowChannel=649334 RB=216@0



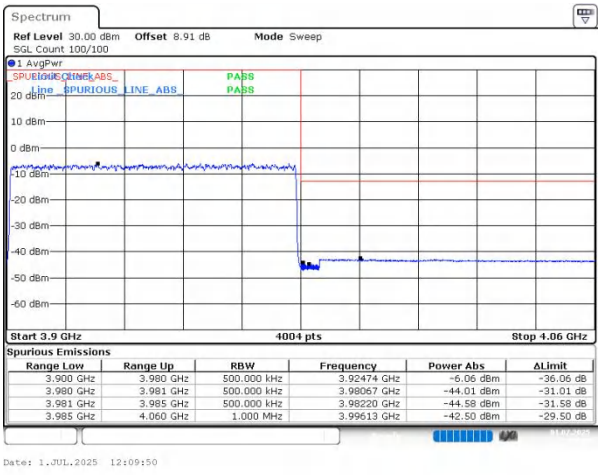
n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz

LowChannel=649334 RB=217@0



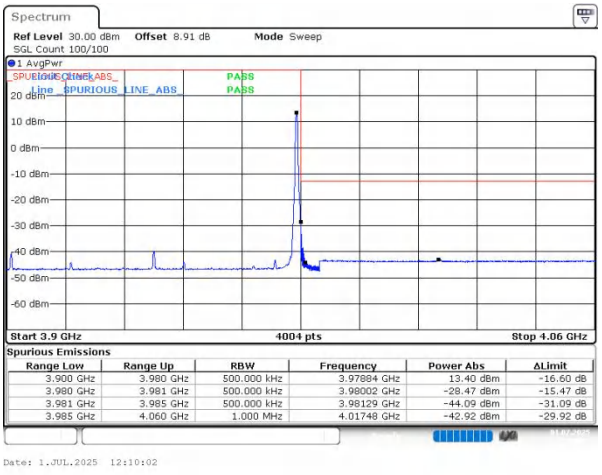
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz

HighChannel=662666 RB=1@216



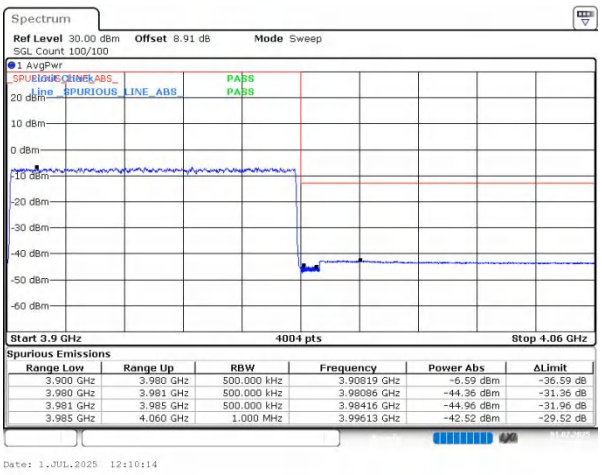
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz

HighChannel=662666 RB=216@0



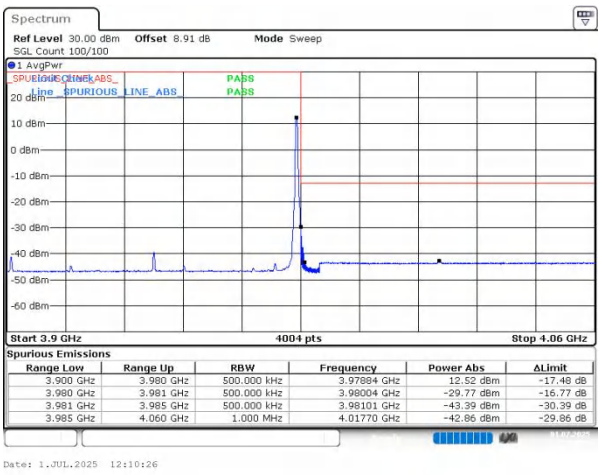
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz

HighChannel=662666 RB=1@216



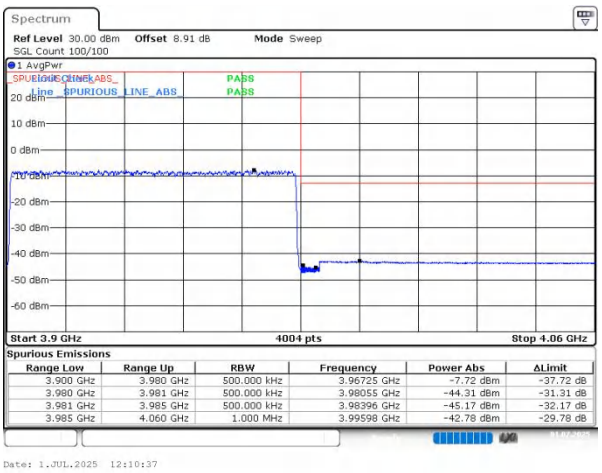
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz

HighChannel=662666 RB=216@0



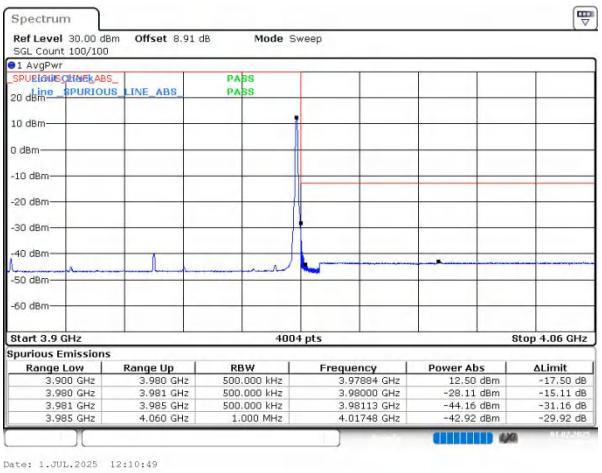
n77(3700-3980) SCS=30kHz DFT_16QAM BW=80MHz

HighChannel=662666 RB=1@216



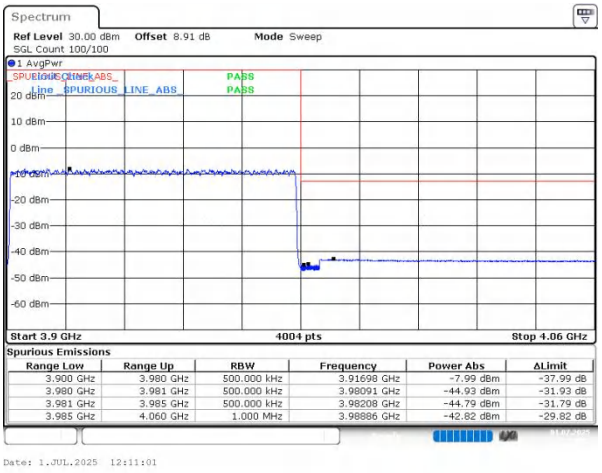
n77(3700-3980) SCS=30kHz DFT_16QAM BW=80MHz

HighChannel=662666 RB=216@0



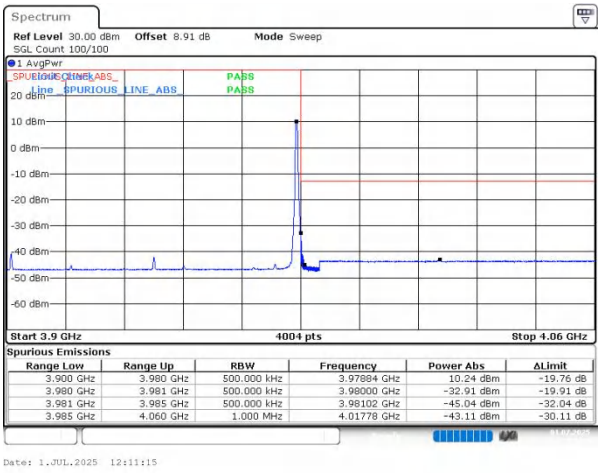
n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz

HighChannel=662666 RB=1@216



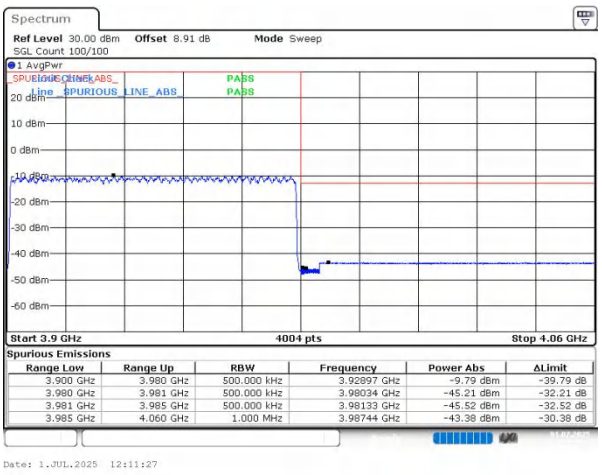
n77(3700-3980) SCS=30kHz DFT_64QAM BW=80MHz

HighChannel=662666 RB=216@0



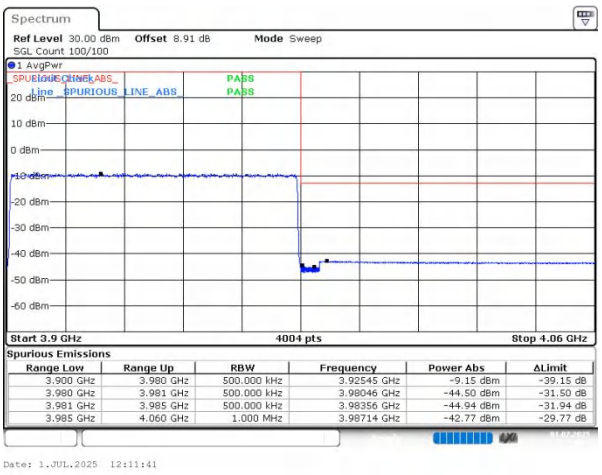
n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz

HighChannel=662666 RB=1@216



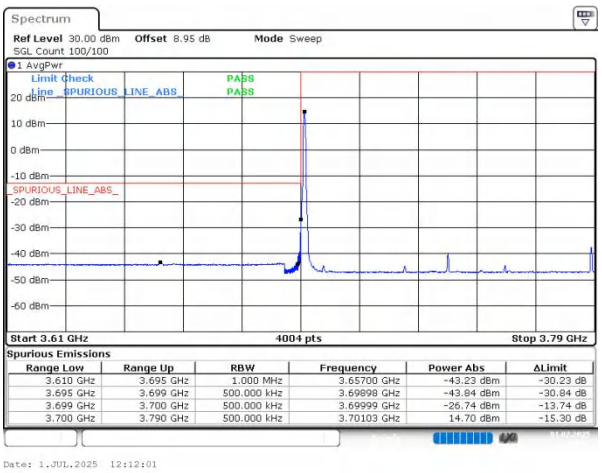
n77(3700-3980) SCS=30kHz DFT_256QAM BW=80MHz

HighChannel=662666 RB=216@0



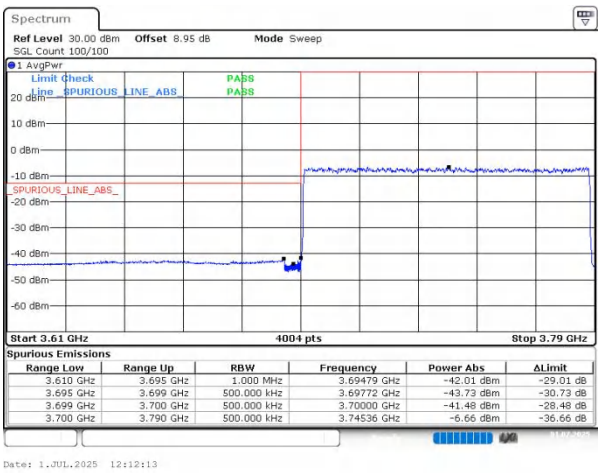
n77(3700-3980) SCS=30kHz CP_QPSK BW=80MHz

HighChannel=662666 RB=217@0



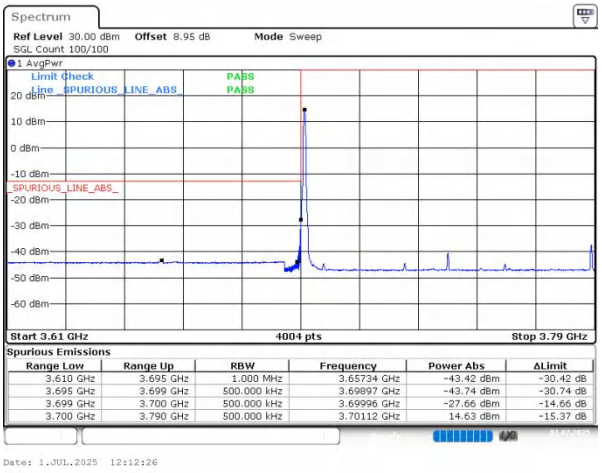
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz

LowChannel=649668 RB=1@0



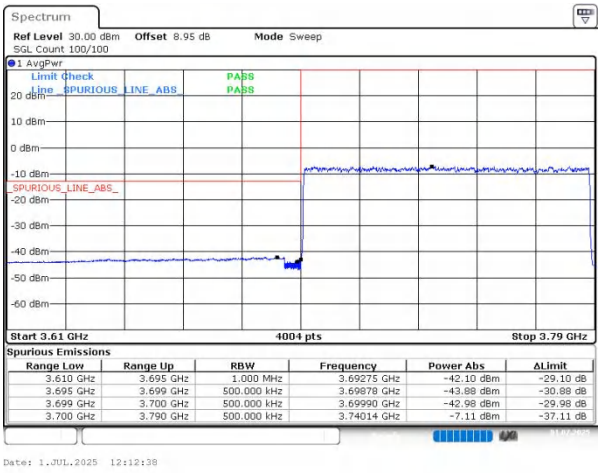
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz

LowChannel=649668 RB=243@0



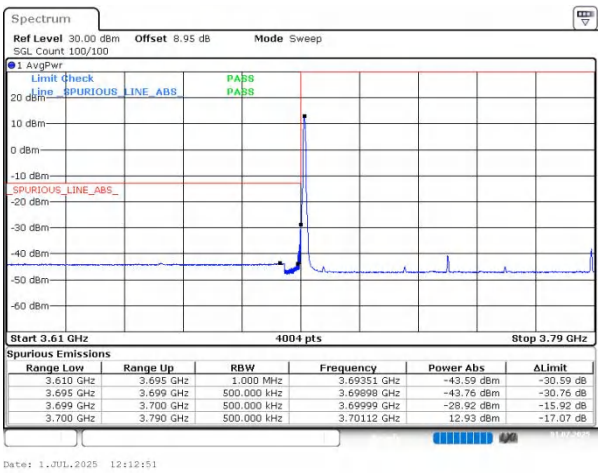
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz

LowChannel=649668 RB=1@0



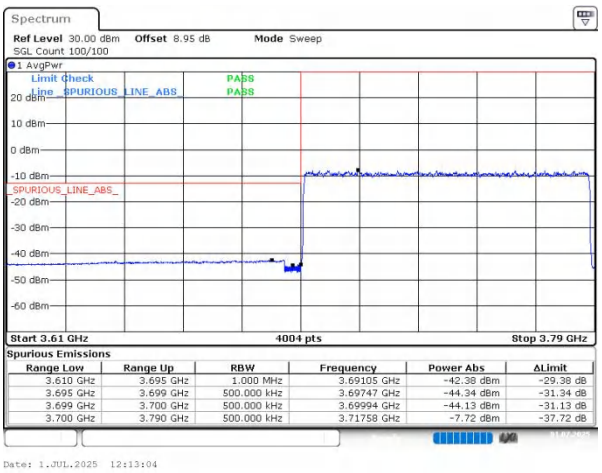
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz

LowChannel=649668 RB=243@0



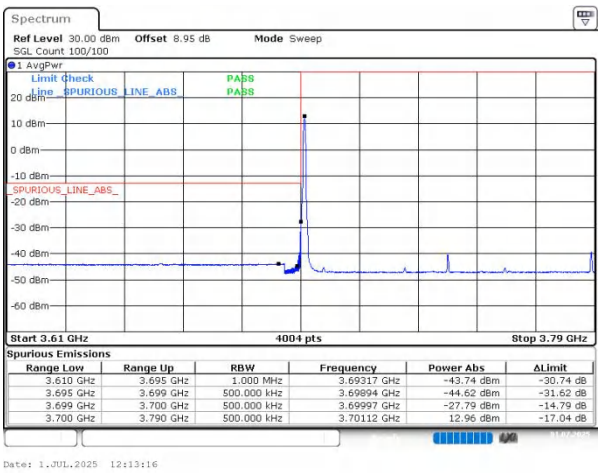
n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz

LowChannel=649668 RB=1@0



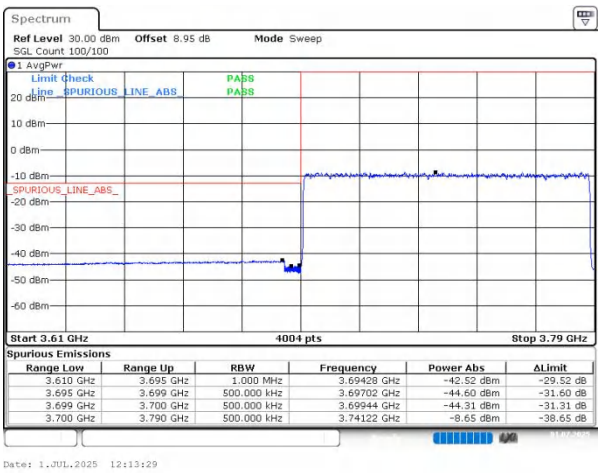
n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz

LowChannel=649668 RB=243@0



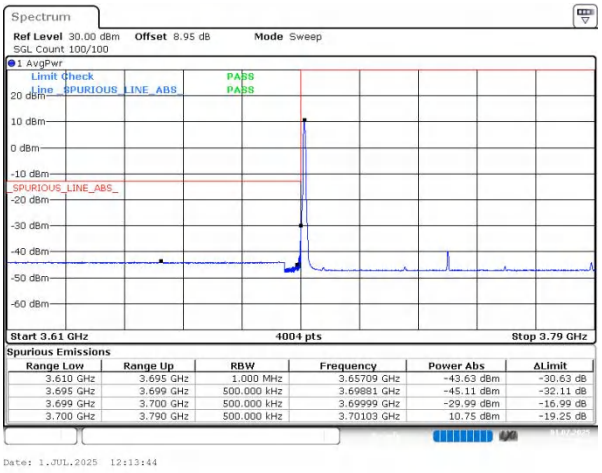
n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz

LowChannel=649668 RB=1@0



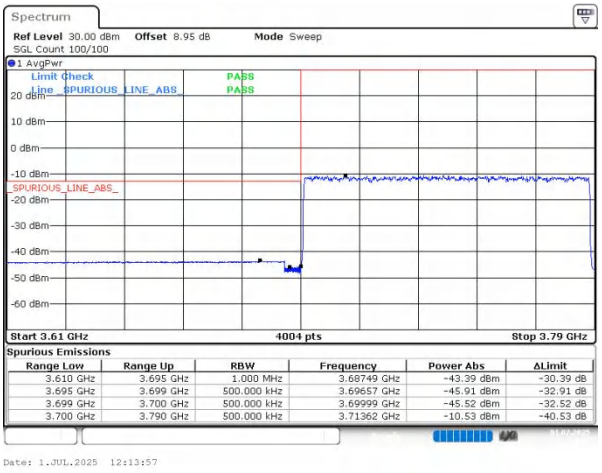
n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz

LowChannel=649668 RB=243@0



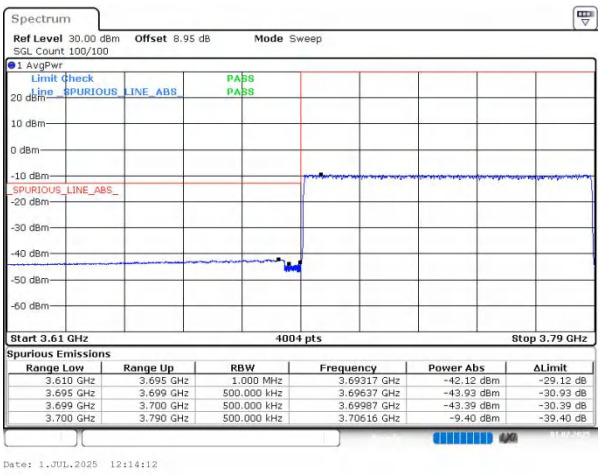
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz

LowChannel=649668 RB=1@0



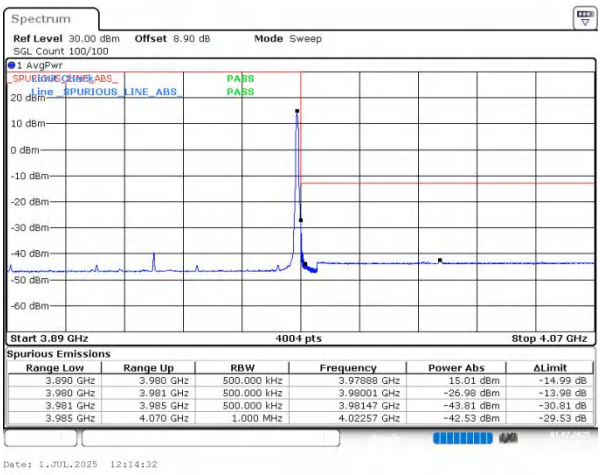
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz

LowChannel=649668 RB=243@0



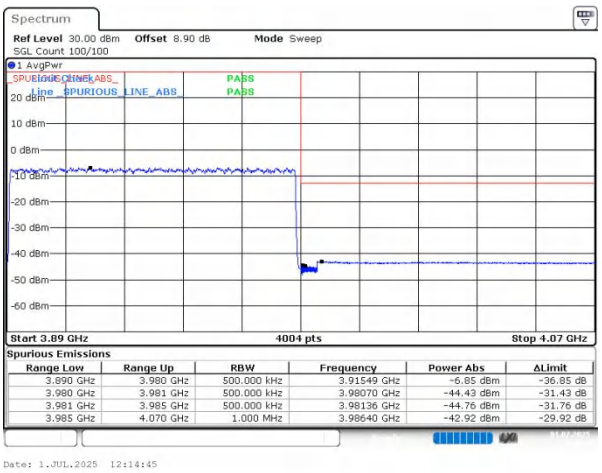
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz

LowChannel=649668 RB=245@0



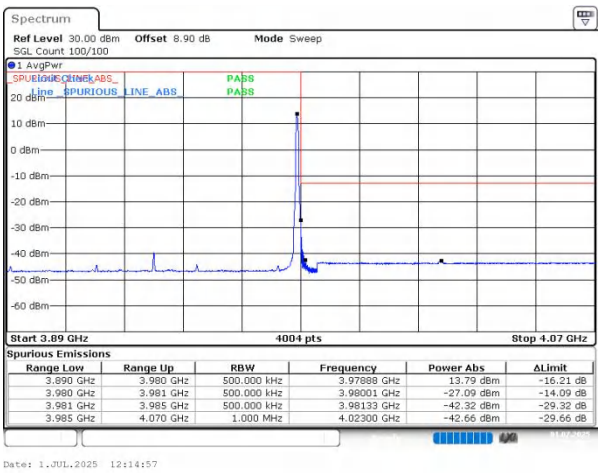
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz

HighChannel=662332 RB=1@244



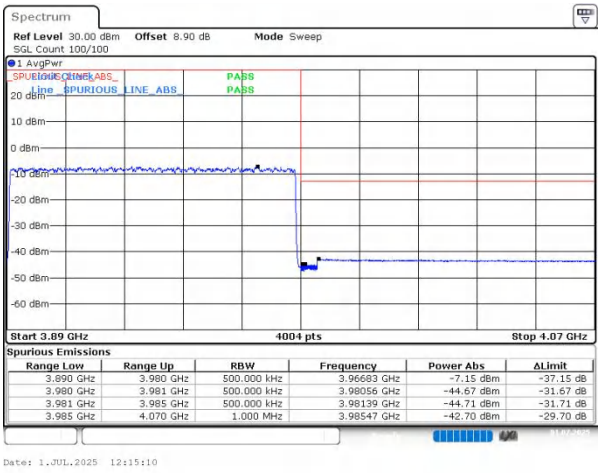
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz

HighChannel=662332 RB=243@0



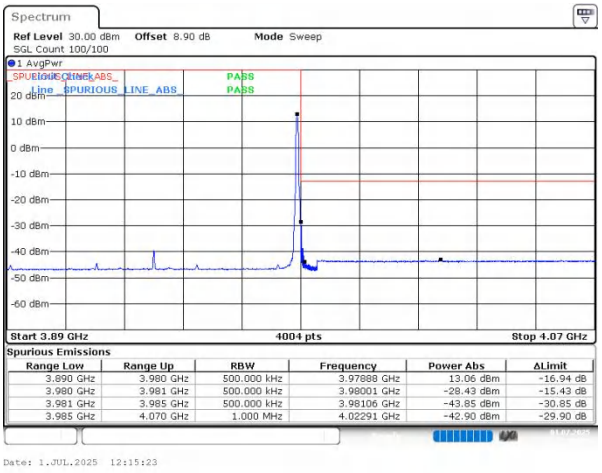
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz

HighChannel=662332 RB=1@244



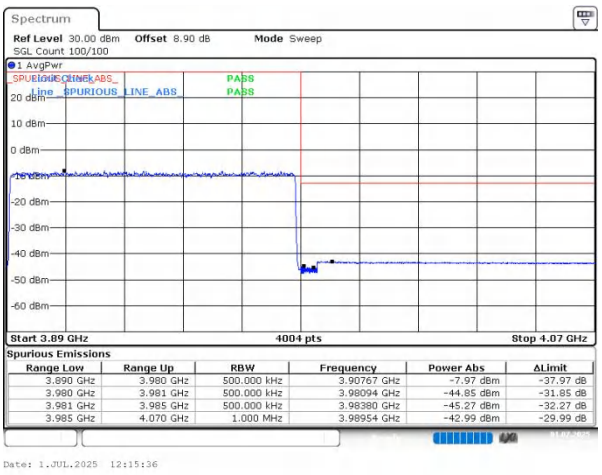
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz

HighChannel=662332 RB=243@0



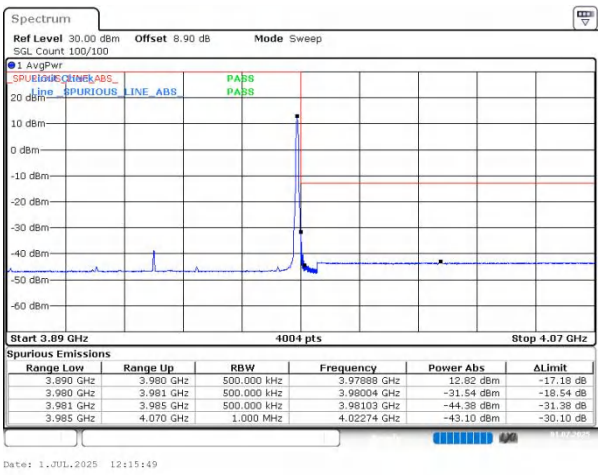
n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz

HighChannel=662332 RB=1@244



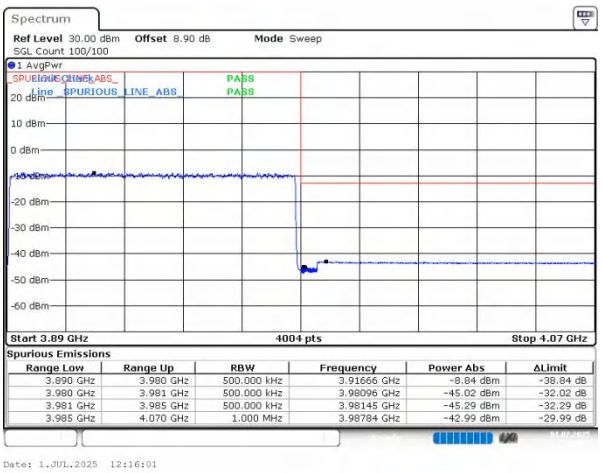
n77(3700-3980) SCS=30kHz DFT_16QAM BW=90MHz

HighChannel=662332 RB=243@0



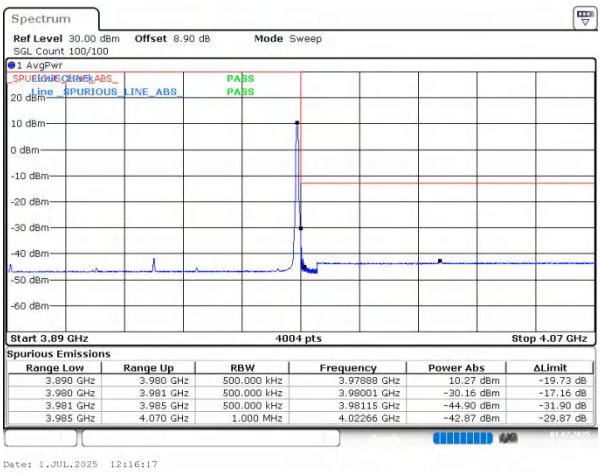
n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz

HighChannel=662332 RB=1@244



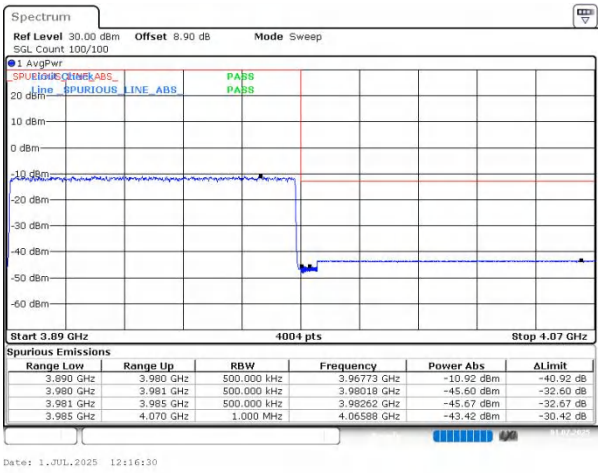
n77(3700-3980) SCS=30kHz DFT_64QAM BW=90MHz

HighChannel=662332 RB=243@0



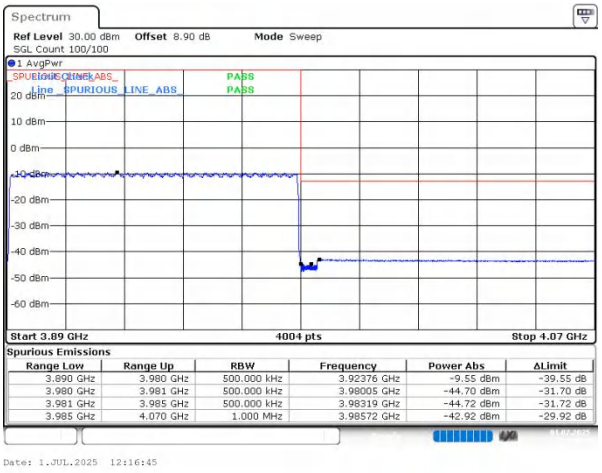
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz

HighChannel=662332 RB=1@244



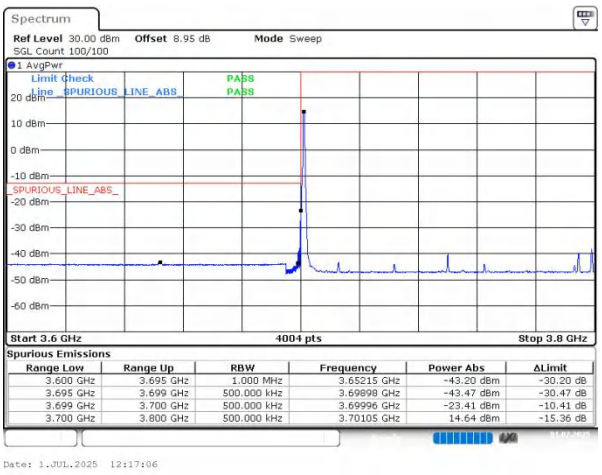
n77(3700-3980) SCS=30kHz DFT_256QAM BW=90MHz

HighChannel=662332 RB=243@0



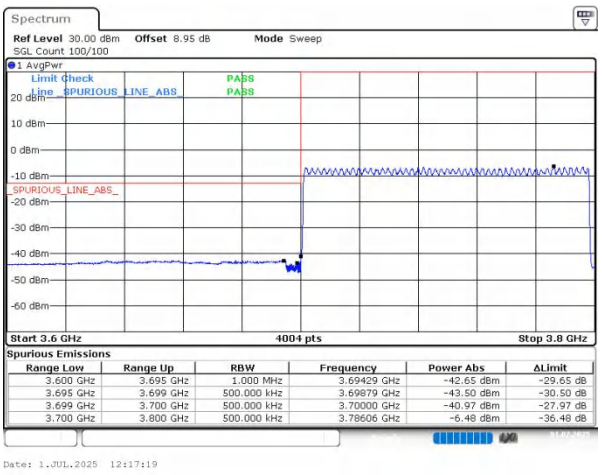
n77(3700-3980) SCS=30kHz CP_QPSK BW=90MHz

HighChannel=662332 RB=245@0



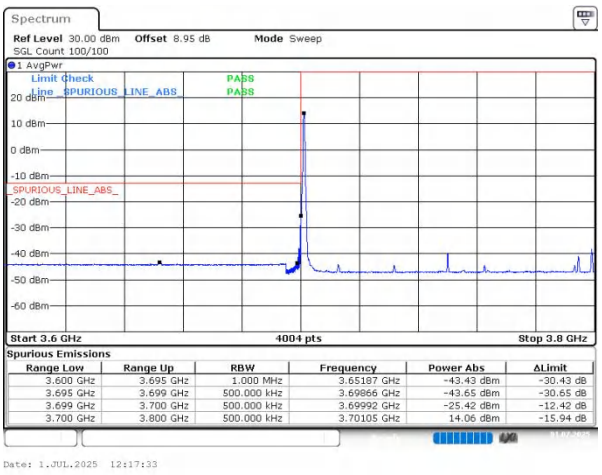
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

LowChannel=650000 RB=1@0



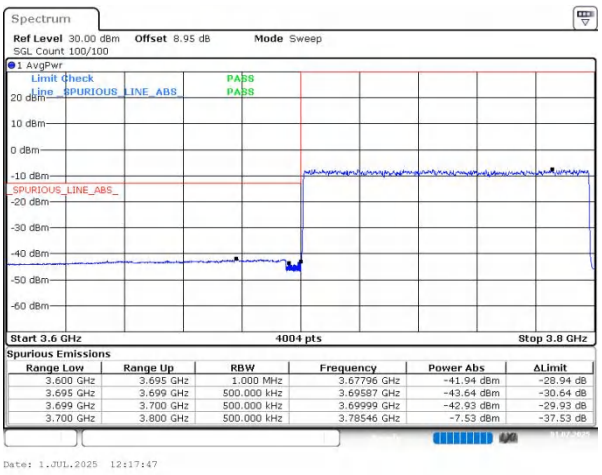
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

LowChannel=650000 RB=270@0



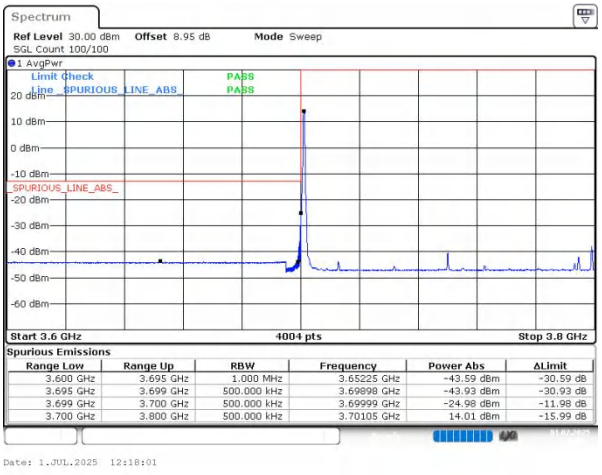
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz

LowChannel=650000 RB=1@0



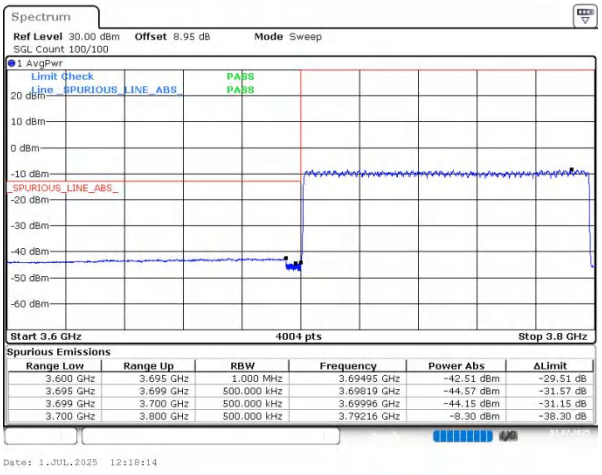
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz

LowChannel=650000 RB=270@0



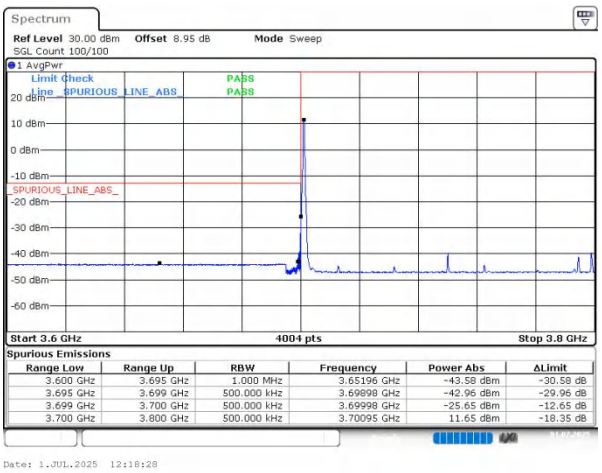
n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz

LowChannel=650000 RB=1@0



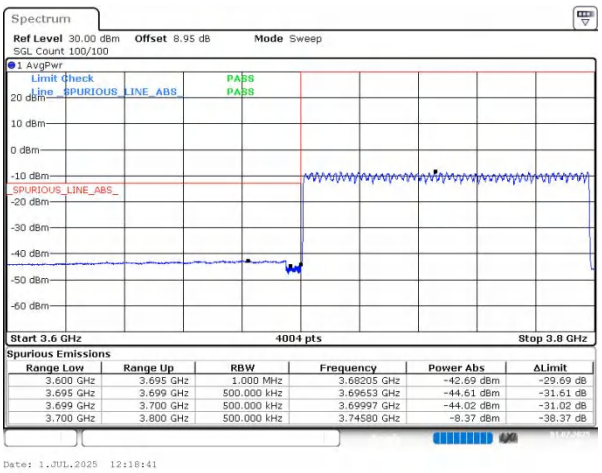
n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz

LowChannel=650000 RB=270@0



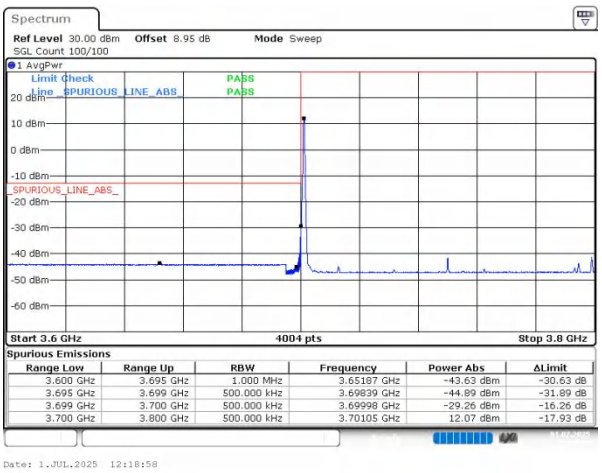
n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz

LowChannel=650000 RB=1@0



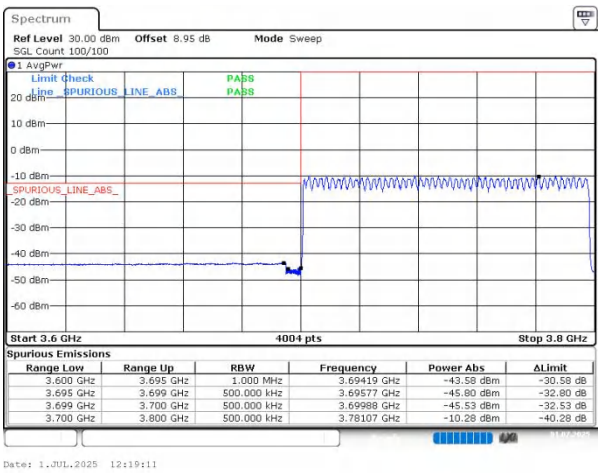
n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz

LowChannel=650000 RB=270@0



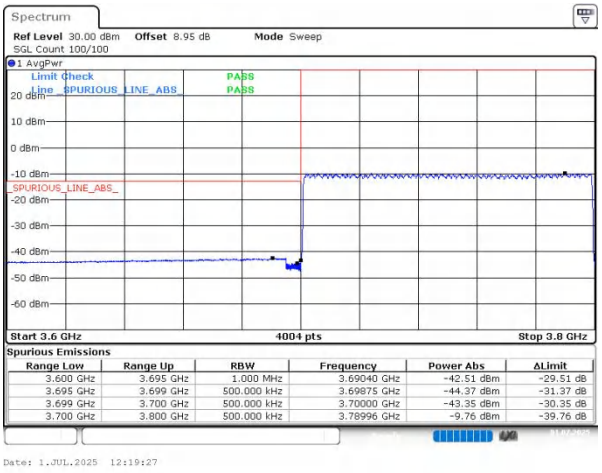
n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz

LowChannel=650000 RB=1@0



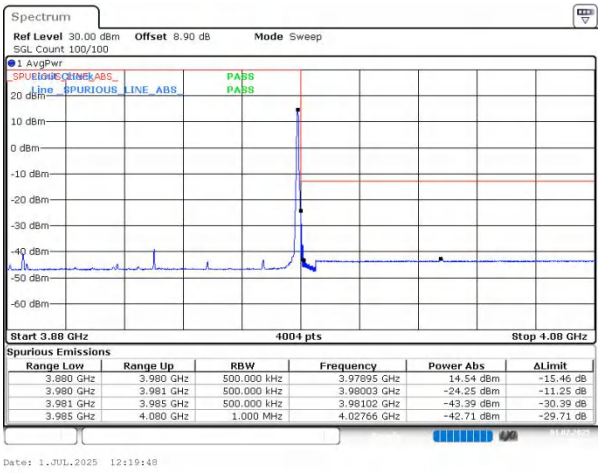
n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz

LowChannel=650000 RB=270@0



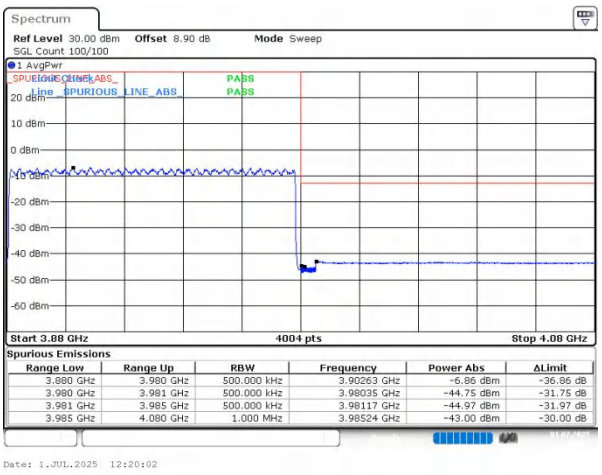
n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz

LowChannel=650000 RB=273@0



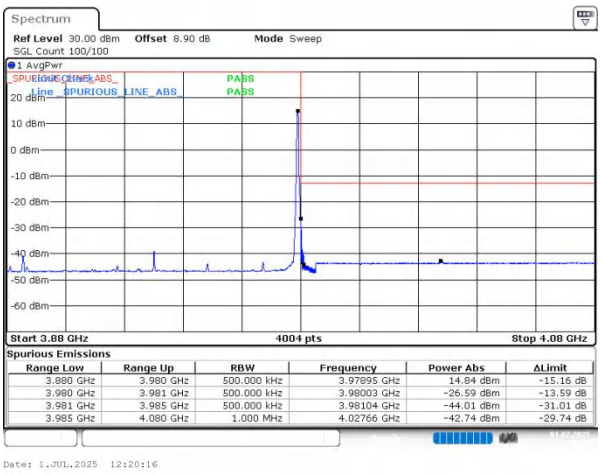
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

HighChannel=662000 RB=1@272



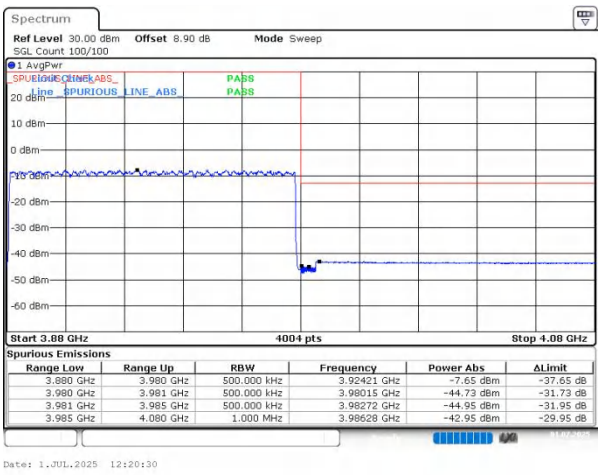
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

HighChannel=662000 RB=270@0



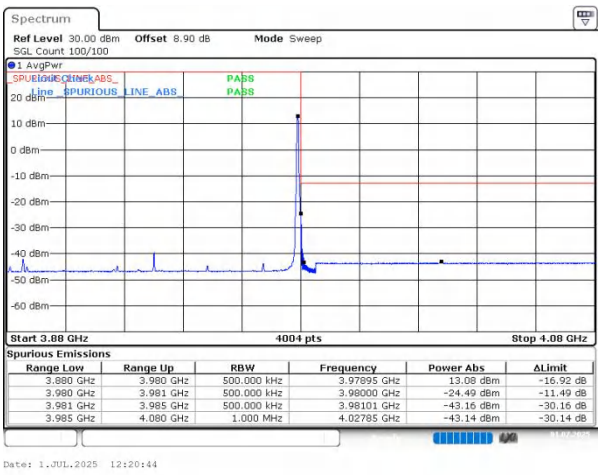
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz

HighChannel=662000 RB=1@272



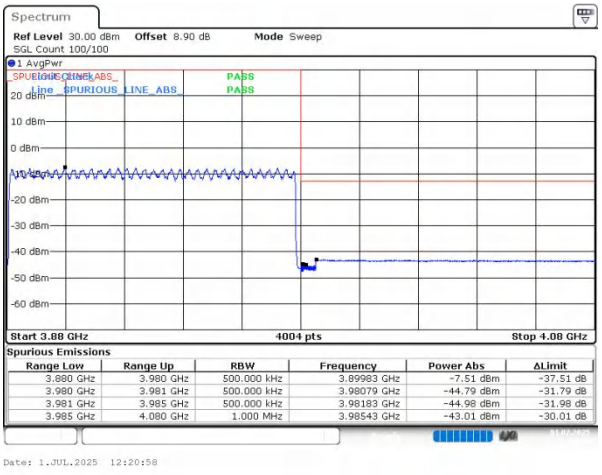
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz

HighChannel=662000 RB=270@0



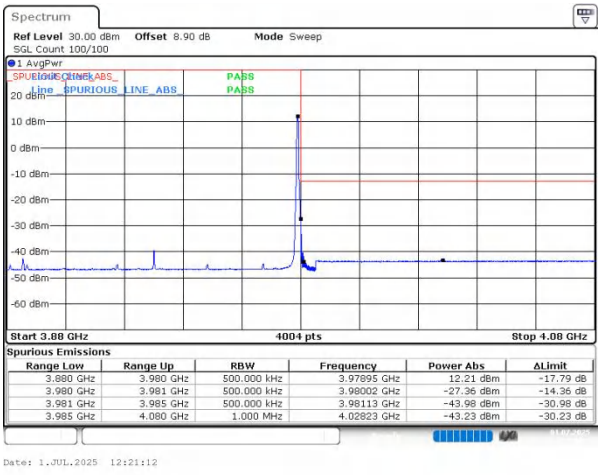
n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz

HighChannel=662000 RB=1@272



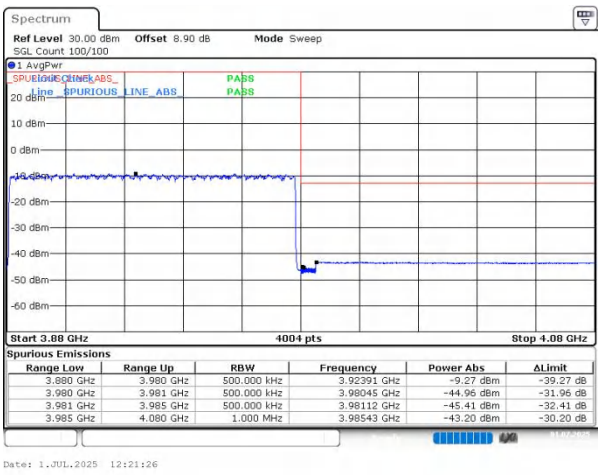
n77(3700-3980) SCS=30kHz DFT_16QAM BW=100MHz

HighChannel=662000 RB=270@0



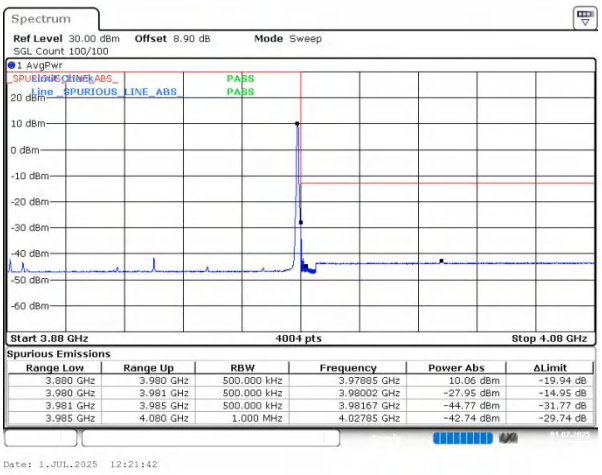
n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz

HighChannel=662000 RB=1@272



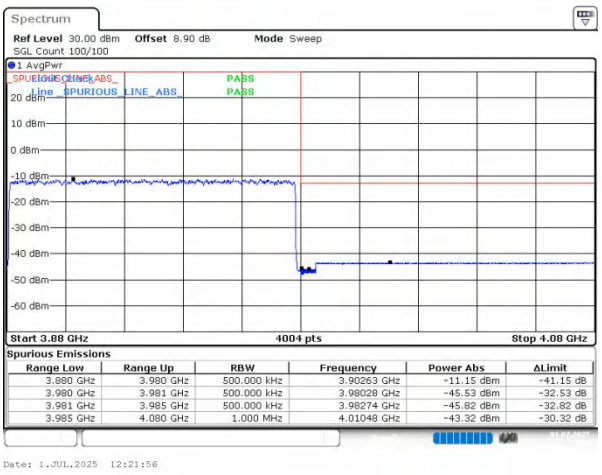
n77(3700-3980) SCS=30kHz DFT_64QAM BW=100MHz

HighChannel=662000 RB=270@0



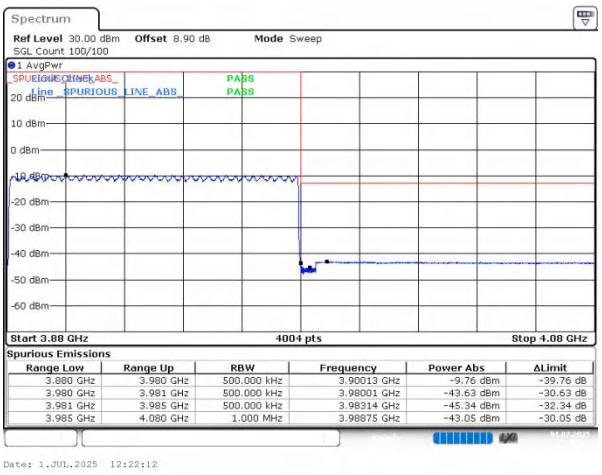
n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz

HighChannel=662000 RB=1@272



n77(3700-3980) SCS=30kHz DFT_256QAM BW=100MHz

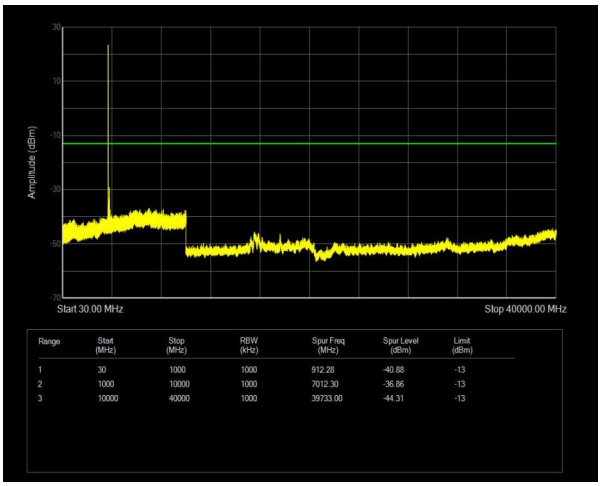
HighChannel=662000 RB=270@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=100MHz

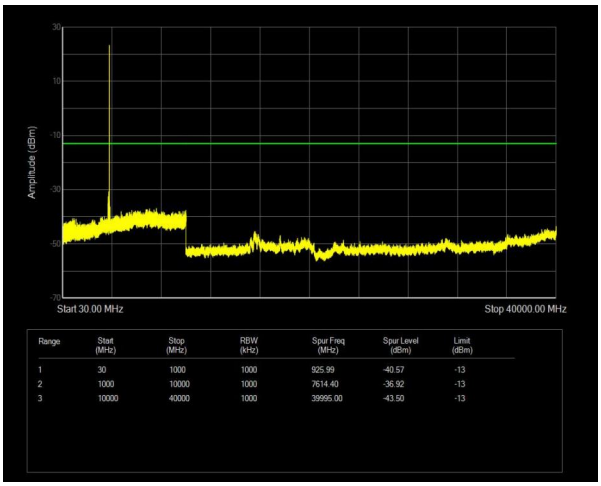
HighChannel=662000 RB=273@0

6. Conducted Spurious Emissions



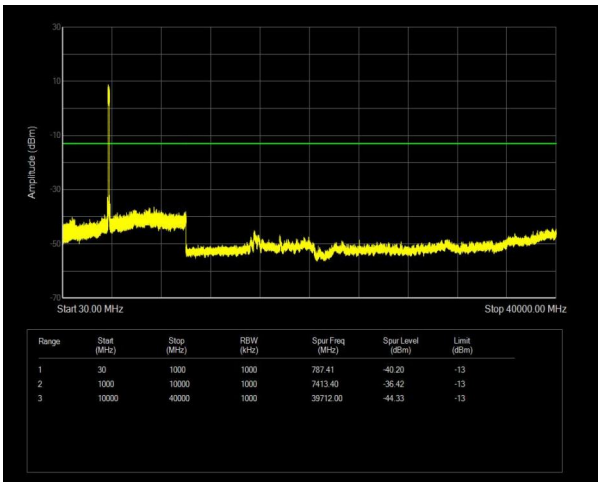
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=650000 RB=1@0



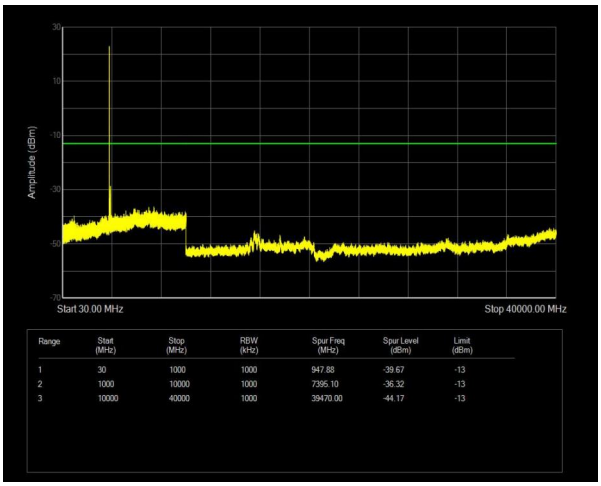
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=650000 RB=1@272



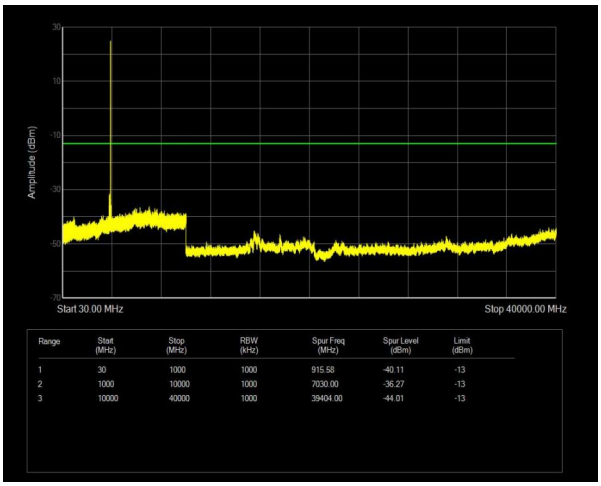
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=650000 RB=270@0



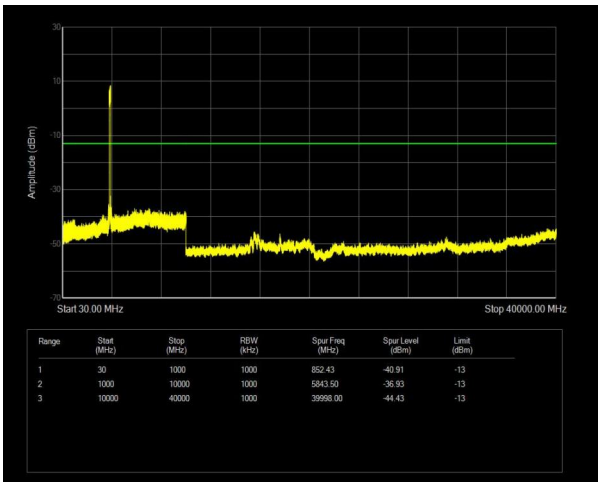
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=656000 RB=1@0



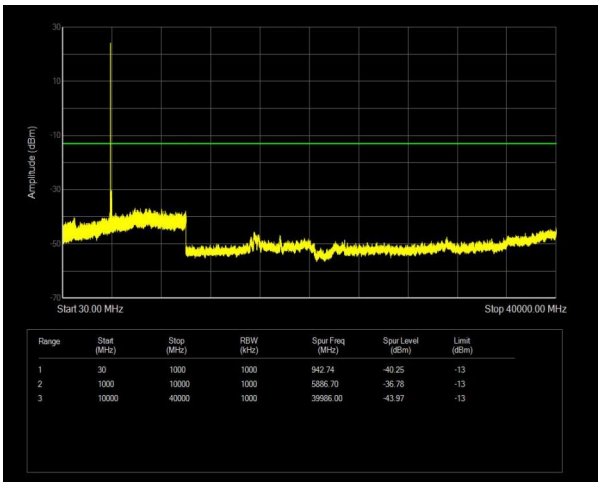
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=656000 RB=1@272



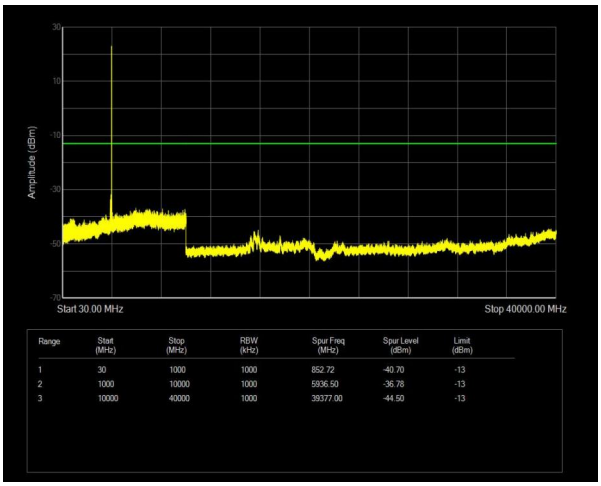
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=656000 RB=270@0



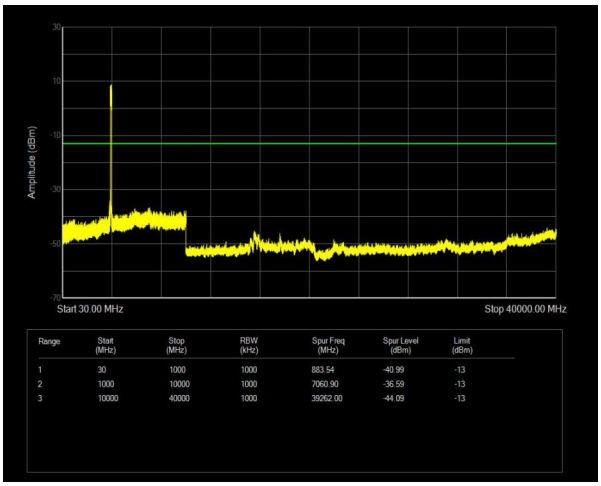
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=662000 RB=1@0



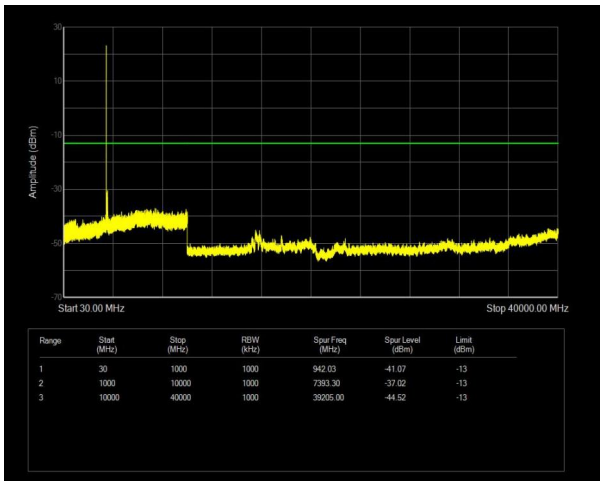
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=662000 RB=1@272



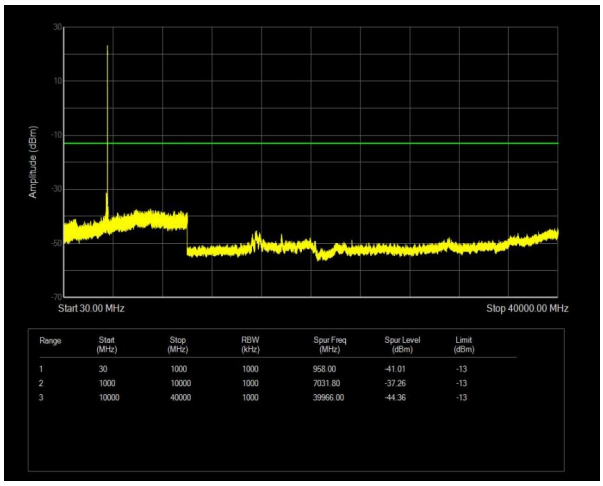
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz

Channel=662000 RB=270@0



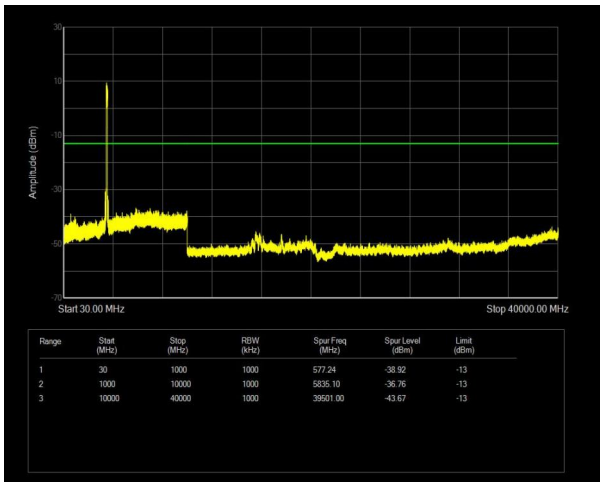
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz

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(3.7G) - DFT-s-OFDM - PI/2 BPSK - 80M - 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
5736	-45.25	-13	-32.25	-59.43	-51.36	5.95	12.06	H	Pass
7598	-46.39	-13	-33.39	-66.66	-51.48	6.61	11.7	H	Pass
14990	-40.12	-13	-27.12	-67.56	-43.89	10.39	14.16	H	Pass
5764	-49.13	-13	-36.13	-62.69	-55.16	5.97	12	V	Pass
9810	-45.08	-13	-32.08	-65.47	-49.44	7.40	11.76	V	Pass
14640	-38.67	-13	-25.67	-66.61	-42.46	9.99	13.78	V	Pass
n78(3.7G) - DFT-s-OFDM - PI/2 BPSK - 80M - 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	-45.13	-13	-32.13	-59.44	-51.24	5.95	12.06	H	Pass
7444	-43.57	-13	-30.57	-63.67	-48.54	6.56	11.53	H	Pass
14598	-40.12	-13	-27.12	-66.88	-44.04	9.97	13.89	H	Pass
5806	-48.23	-13	-35.23	-62.09	-54.17	5.99	11.93	V	Pass
11476	-43.19	-13	-30.19	-68.36	-47.39	8.06	12.26	V	Pass
14626	-39.21	-13	-26.21	-67.27	-43.06	9.97	13.82	V	Pass

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