

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n78(3700-3800)	30	70	649000	90@45	DFT_BPSK	26.46	2.78	29.24	30	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_BPSK	25.92	2.78	28.70	30	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_BPSK	25.98	2.78	28.76	30	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QPSK	26.49	2.78	29.27	30	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QPSK	25.69	2.78	28.47	30	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QPSK	25.75	2.78	28.53	30	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QAM16	25.44	2.78	28.22	30	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QAM16	25.20	2.78	27.98	30	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QAM16	25.30	2.78	28.08	30	PASS
n78(3700-3800)	30	70	649000	90@45	DFT_QAM64	23.95	2.78	26.73	30	PASS
n78(3700-3800)	30	70	649000	1@1	DFT_QAM64	23.88	2.78	26.66	30	PASS
n78(3700-3800)	30	70	649000	1@187	DFT_QAM64	23.53	2.78	26.31	30	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QPSK	24.92	2.78	27.70	30	PASS
n78(3700-3800)	30	70	649000	1@1	CP_QPSK	24.29	2.78	27.07	30	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QPSK	24.32	2.78	27.10	30	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QAM16	24.49	2.78	27.27	30	PASS
n78(3700-3800)	30	70	649000	1@1	CP_QAM16	23.90	2.78	26.68	30	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QAM16	24.12	2.78	26.90	30	PASS
n78(3700-3800)	30	70	649000	95@47	CP_QAM64	23.05	2.78	25.83	30	PASS
n78(3700-3800)	30	70	649000	1@1	CP_QAM64	22.44	2.78	25.22	30	PASS
n78(3700-3800)	30	70	649000	1@187	CP_QAM64	22.54	2.78	25.32	30	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	26.42	2.78	29.20	30	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	26.01	2.78	28.79	30	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	25.97	2.78	28.75	30	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	26.47	2.78	29.25	30	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	25.78	2.78	28.56	30	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	25.80	2.78	28.58	30	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QAM16	25.39	2.78	28.17	30	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QAM16	25.16	2.78	27.94	30	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QAM16	25.35	2.78	28.13	30	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QAM64	24.00	2.78	26.78	30	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QAM64	23.96	2.78	26.74	30	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QAM64	23.99	2.78	26.77	30	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QPSK	24.96	2.78	27.74	30	PASS
n78(3700-3800)	30	70	650000	1@1	CP_QPSK	24.43	2.78	27.21	30	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QPSK	24.44	2.78	27.22	30	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QAM16	24.45	2.78	27.23	30	PASS

n78(3700-3800)	30	70	650000	1@1	CP_QAM16	24.01	2.78	26.79	30	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QAM16	24.07	2.78	26.85	30	PASS
n78(3700-3800)	30	70	650000	95@47	CP_QAM64	23.00	2.78	25.78	30	PASS
n78(3700-3800)	30	70	650000	1@1	CP_QAM64	22.86	2.78	25.64	30	PASS
n78(3700-3800)	30	70	650000	1@187	CP_QAM64	22.47	2.78	25.25	30	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_BPSK	26.42	2.78	29.20	30	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_BPSK	26.03	2.78	28.81	30	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_BPSK	26.05	2.78	28.83	30	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QPSK	26.47	2.78	29.25	30	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QPSK	25.79	2.78	28.57	30	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QPSK	25.85	2.78	28.63	30	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QAM16	25.44	2.78	28.22	30	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QAM16	25.17	2.78	27.95	30	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QAM16	25.24	2.78	28.02	30	PASS
n78(3700-3800)	30	70	651000	90@45	DFT_QAM64	23.89	2.78	26.67	30	PASS
n78(3700-3800)	30	70	651000	1@1	DFT_QAM64	23.52	2.78	26.30	30	PASS
n78(3700-3800)	30	70	651000	1@187	DFT_QAM64	23.59	2.78	26.37	30	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QPSK	24.90	2.78	27.68	30	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QPSK	24.34	2.78	27.12	30	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QPSK	24.37	2.78	27.15	30	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QAM16	24.41	2.78	27.19	30	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QAM16	24.09	2.78	26.87	30	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QAM16	24.15	2.78	26.93	30	PASS
n78(3700-3800)	30	70	651000	95@47	CP_QAM64	22.98	2.78	25.76	30	PASS
n78(3700-3800)	30	70	651000	1@1	CP_QAM64	22.81	2.78	25.59	30	PASS
n78(3700-3800)	30	70	651000	1@187	CP_QAM64	22.58	2.78	25.36	30	PASS

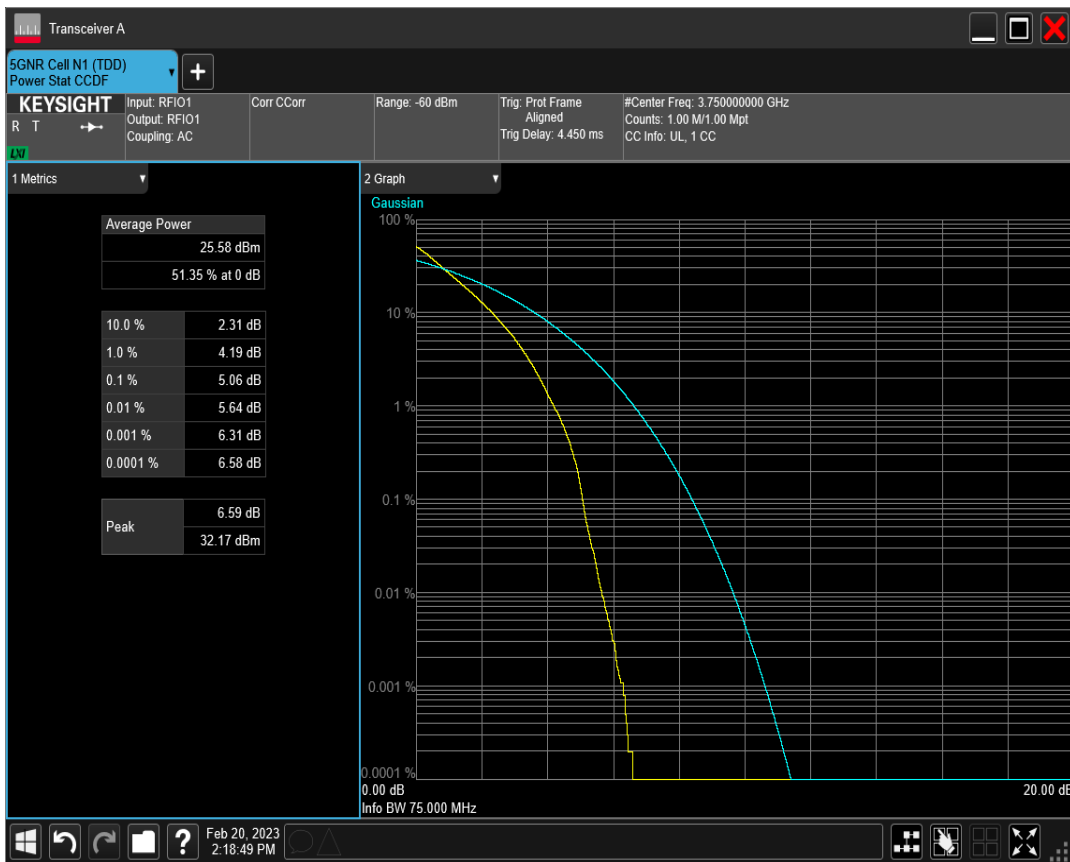
2 Frequency stability for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
n78(3700-3800)	30	70	650000	90@45	DFT_BPSK	-25.95	-0.01	-2.5	2.5	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_BPSK	-21.86	-0.01	-2.5	2.5	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_BPSK	-32.49	-0.01	-2.5	2.5	PASS
n78(3700-3800)	30	70	650000	90@45	DFT_QPSK	-29.13	-0.01	-2.5	2.5	PASS
n78(3700-3800)	30	70	650000	1@1	DFT_QPSK	-28.53	-0.01	-2.5	2.5	PASS
n78(3700-3800)	30	70	650000	1@187	DFT_QPSK	-28.49	-0.01	-2.5	2.5	PASS

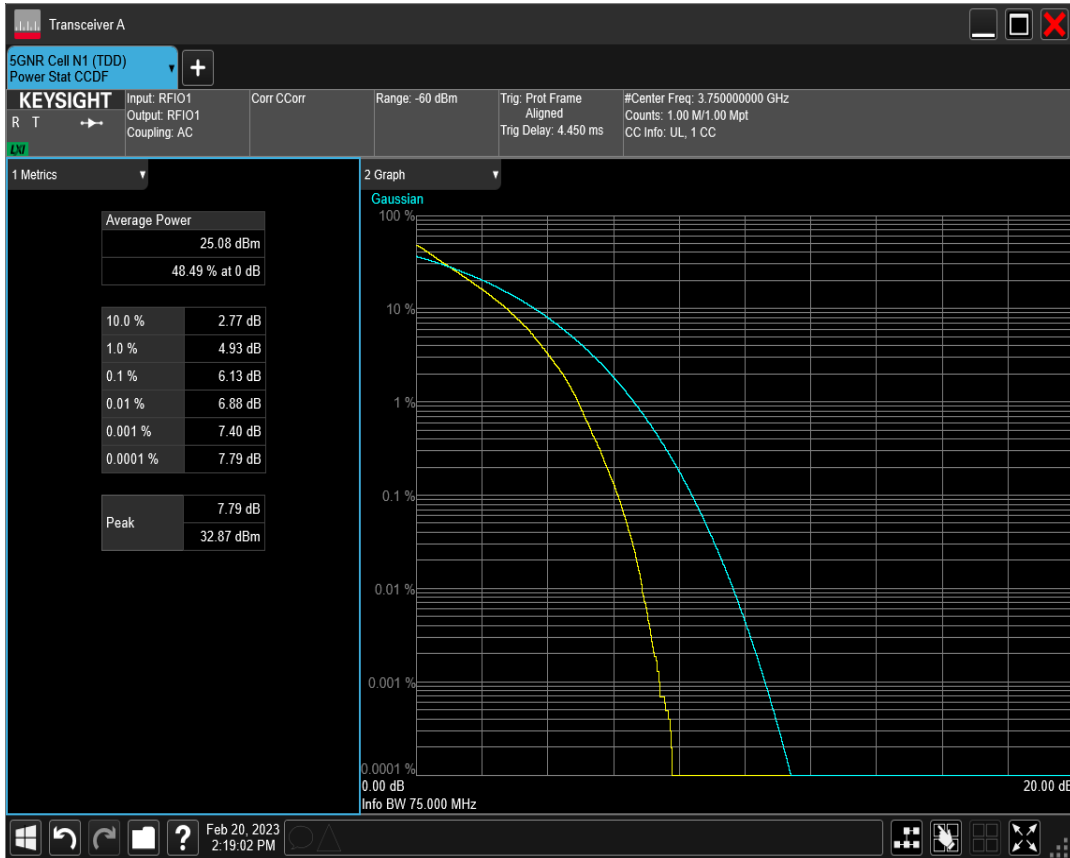
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	5.06	13	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	6.13	13	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QAM16	6.91	13	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QAM64	7.07	13	PASS

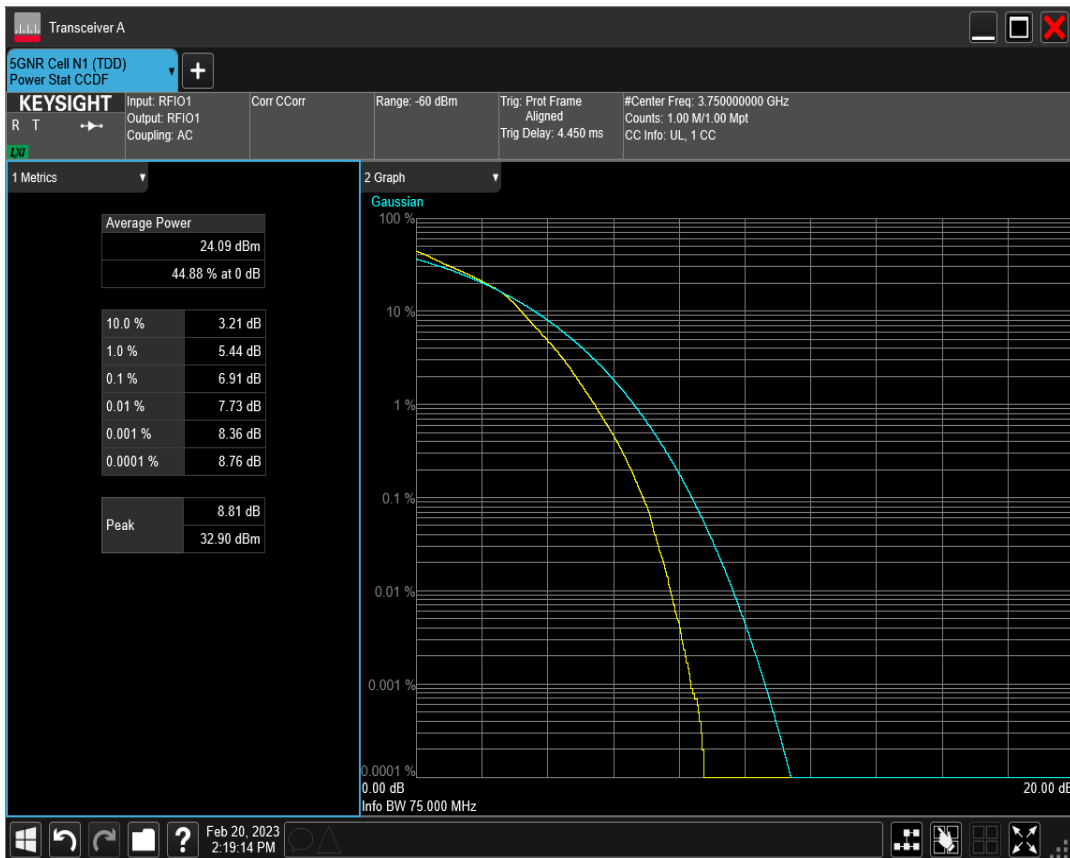
n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz Channel=650000 RB=180@0



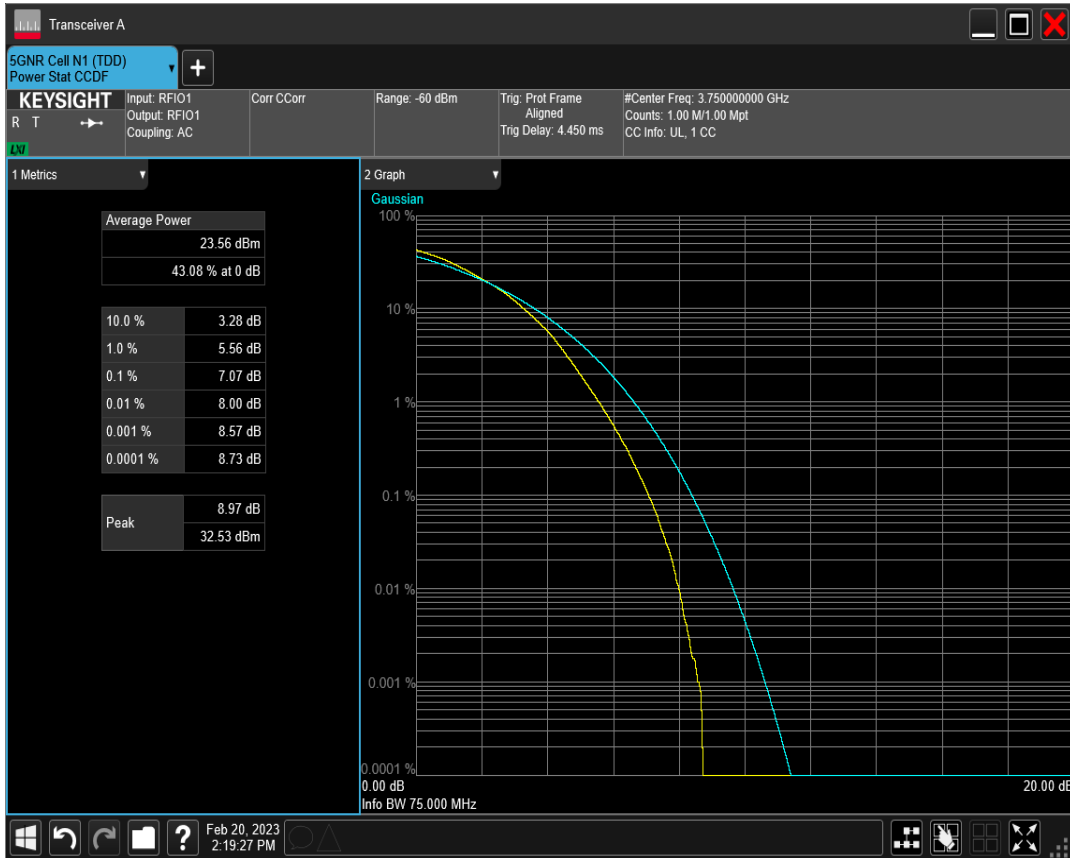
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=70MHz Channel=650000 RB=180@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3700-3800)	30	70	649000	180@0	DFT_BPSK	67.000	68.180	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	66.960	68.170	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QAM16	66.780	68.160	PASS
n78(3700-3800)	30	70	649000	180@0	DFT_QAM64	67.000	68.180	PASS
n78(3700-3800)	30	70	649000	189@0	CP_QPSK	67.800	71.440	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_BPSK	67.030	68.200	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	66.980	68.170	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QAM16	66.970	68.190	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QAM64	67.200	68.190	PASS
n78(3700-3800)	30	70	650000	189@0	CP_QPSK	67.800	71.430	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_BPSK	67.250	68.200	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	67.000	68.170	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QAM16	66.990	68.190	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QAM64	67.040	68.190	PASS
n78(3700-3800)	30	70	651000	189@0	CP_QPSK	67.810	71.430	PASS

n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz Channel=649000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=649000 RB=180@0



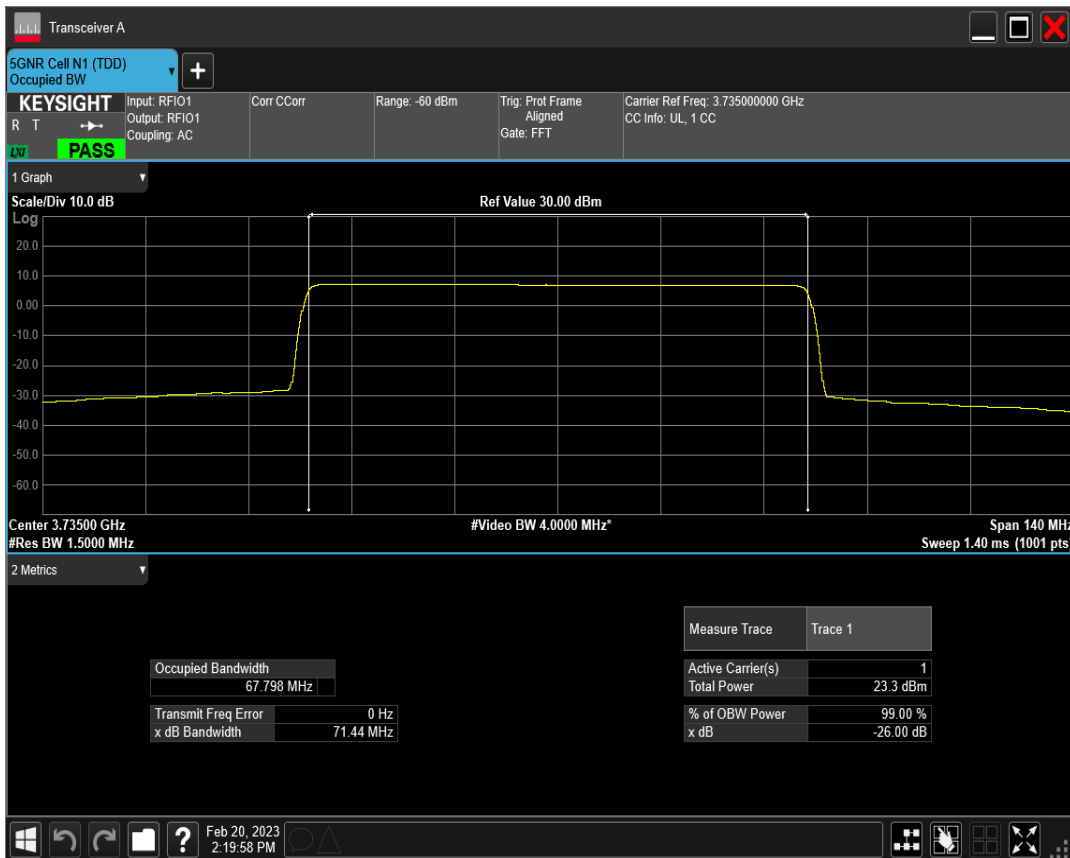
n78(3700-3800) SCS=30kHz DFT_QAM16 BW=70MHz Channel=649000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=70MHz Channel=649000 RB=180@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=70MHz Channel=649000 RB=189@0



n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz Channel=650000 RB=180@0



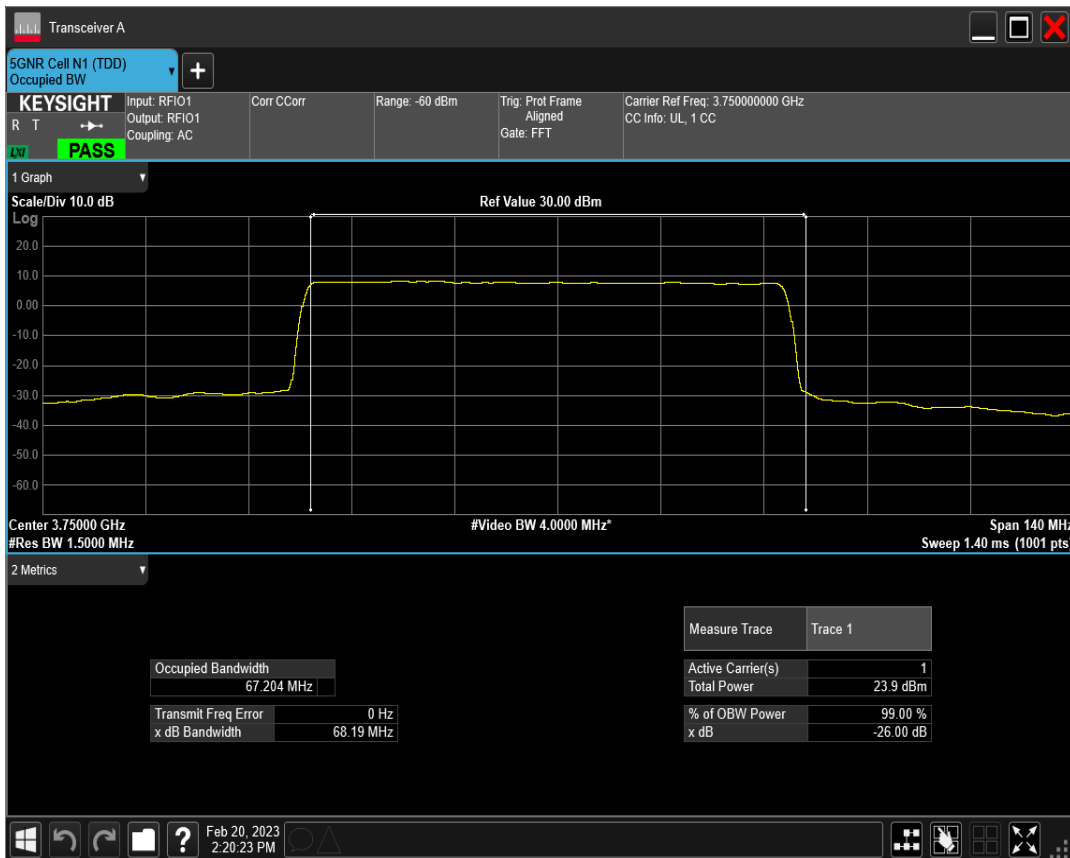
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM16 BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=70MHz Channel=650000 RB=180@0



n78(3700-3800) SCS=30kHz CP_QPSK BW=70MHz Channel=650000 RB=189@0



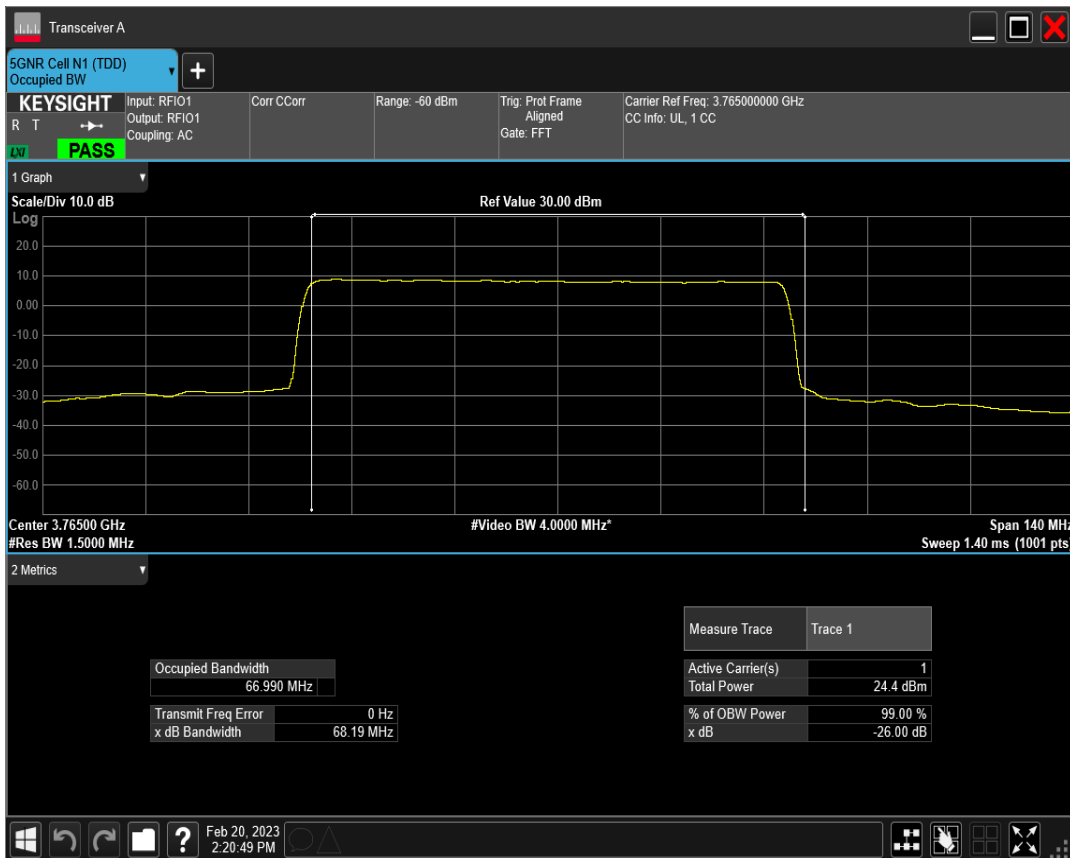
n78(3700-3800) SCS=30kHz DFT_BPSK BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=651000 RB=180@0



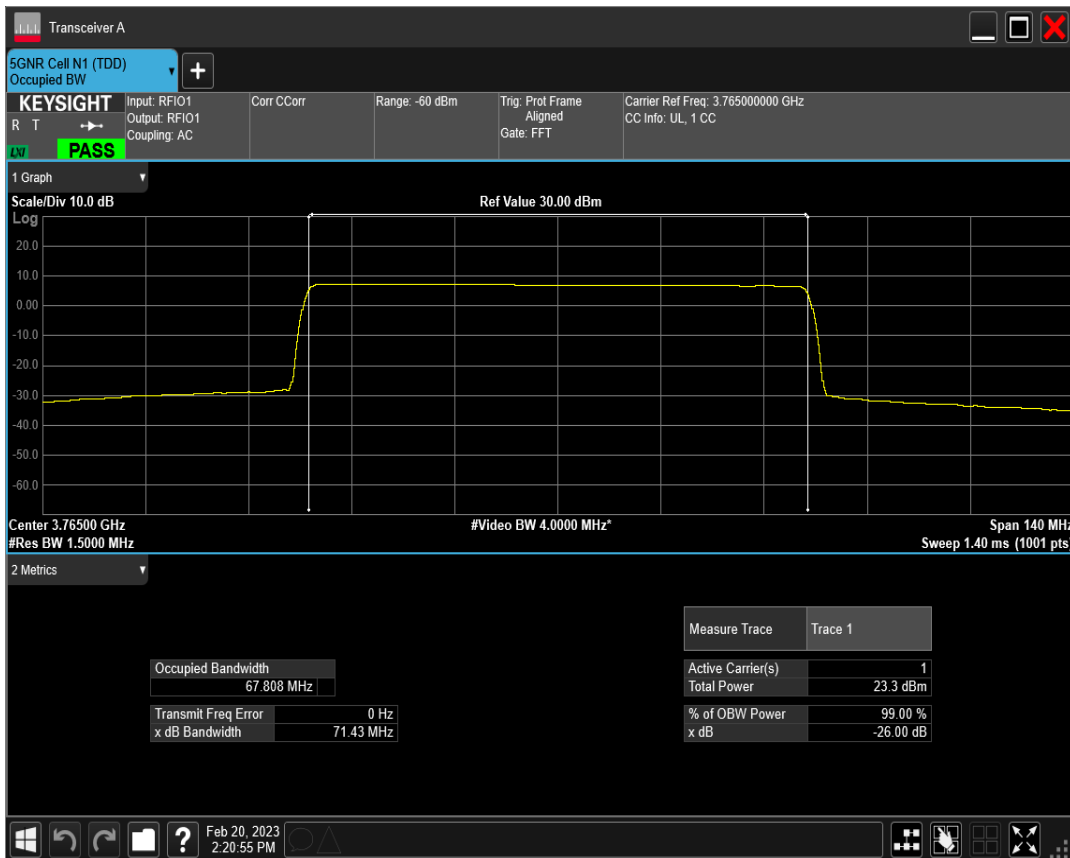
n78(3700-3800) SCS=30kHz DFT_QAM16 BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QAM64 BW=70MHz Channel=651000 RB=180@0



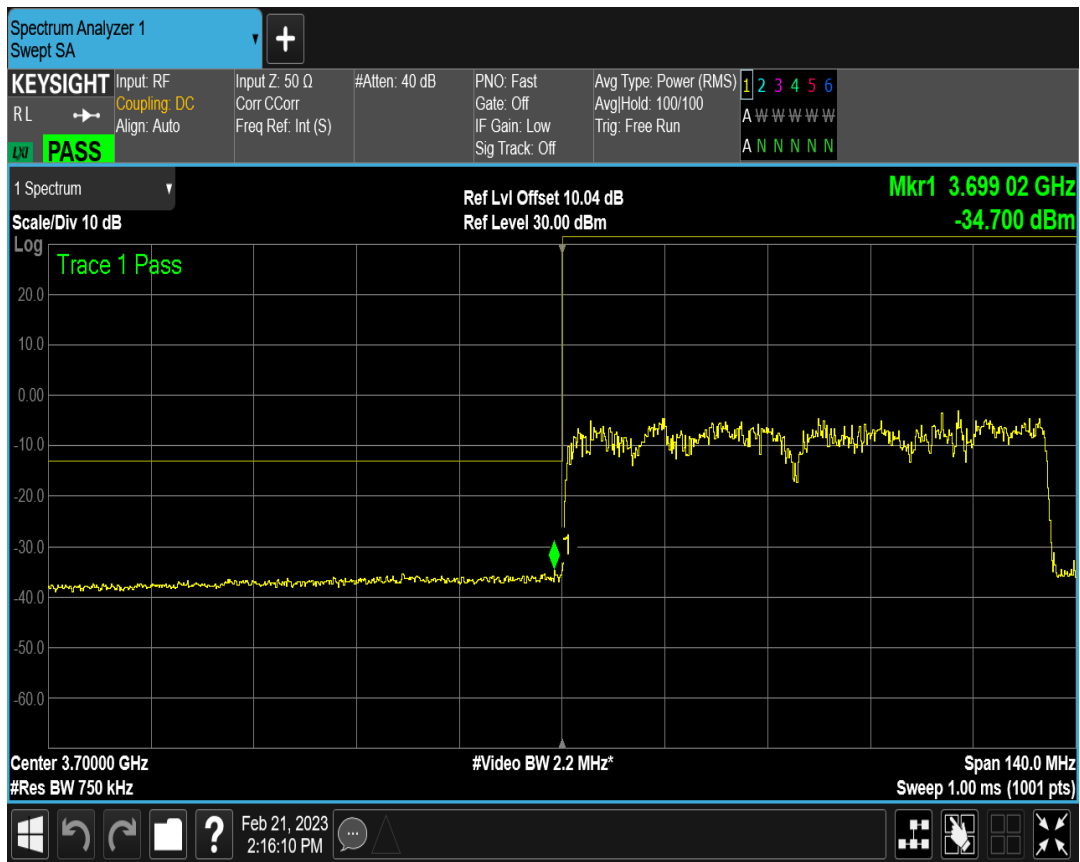
n78(3700-3800) SCS=30kHz CP_QPSK BW=70MHz Channel=651000 RB=189@0



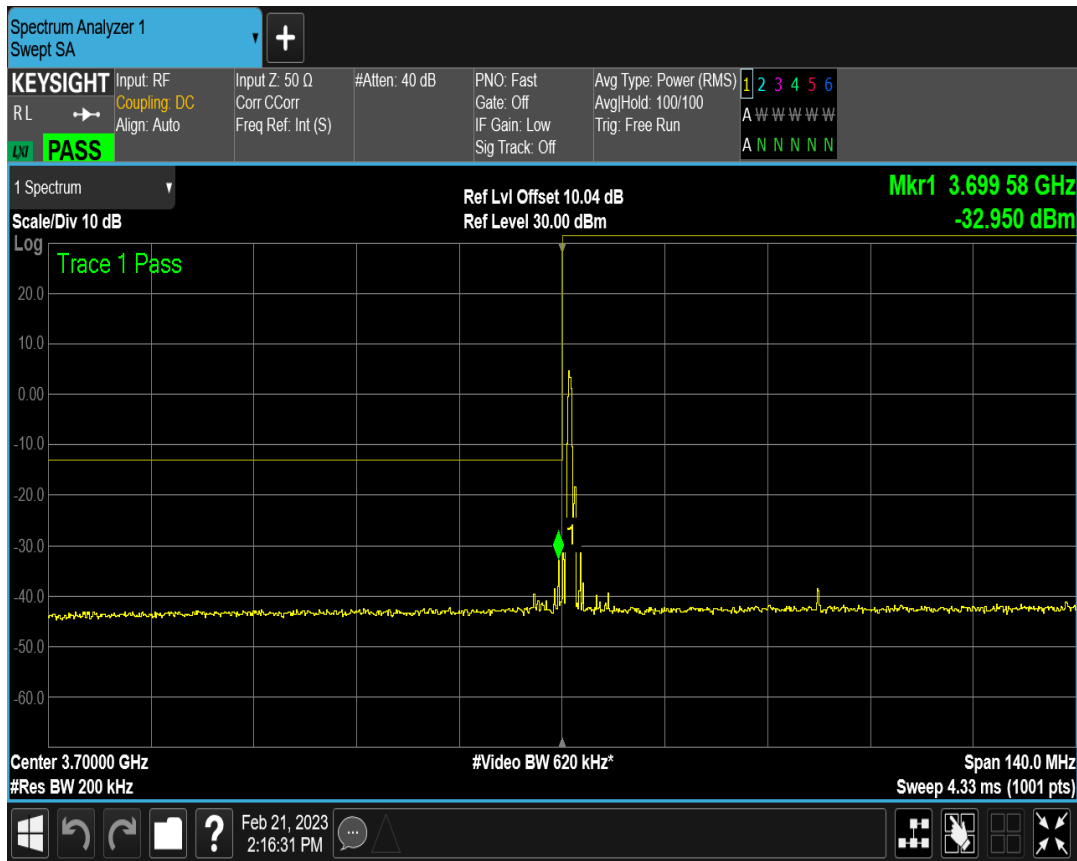
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	3699.02	-34.69	-13	PASS
n78(3700-3800)	30	70	649000	1@0	DFT_QPSK	3699.58	-32.95	-13	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	3802.94	-35.72	-13	PASS
n78(3700-3800)	30	70	651000	1@188	DFT_QPSK	3846.90	-42.18	-13	PASS

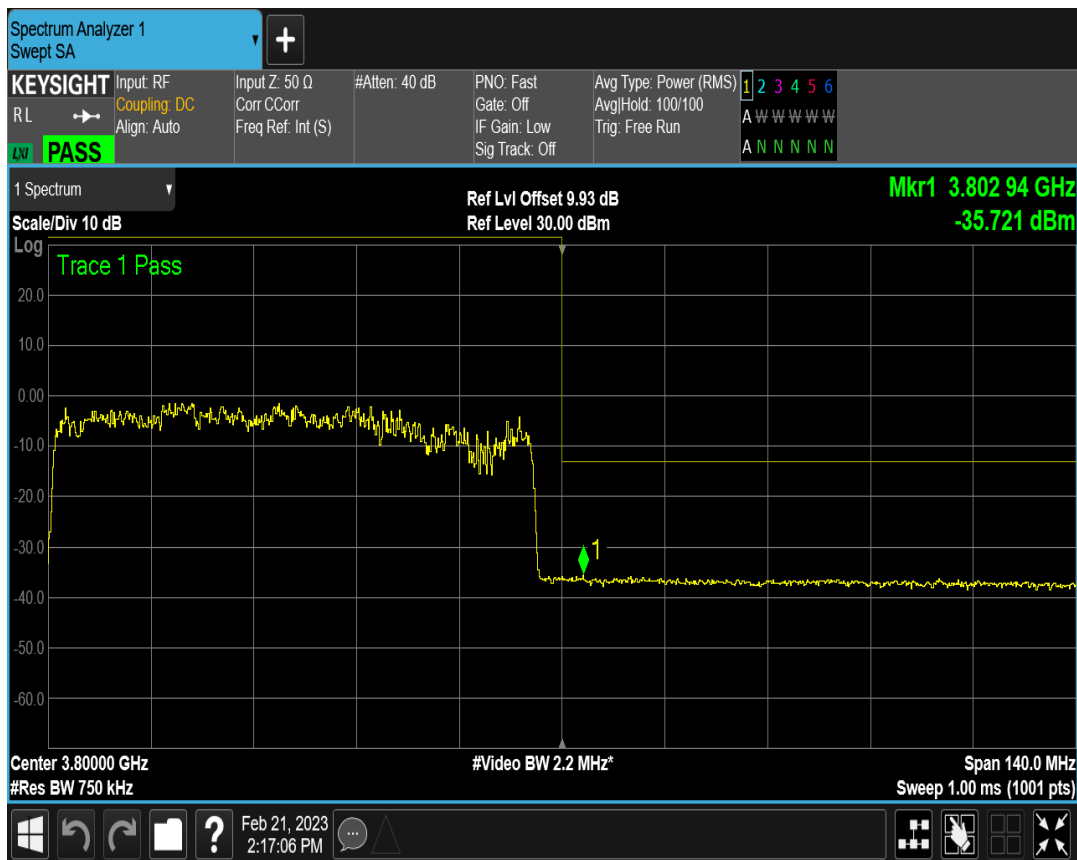
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=649000 RB=180@0



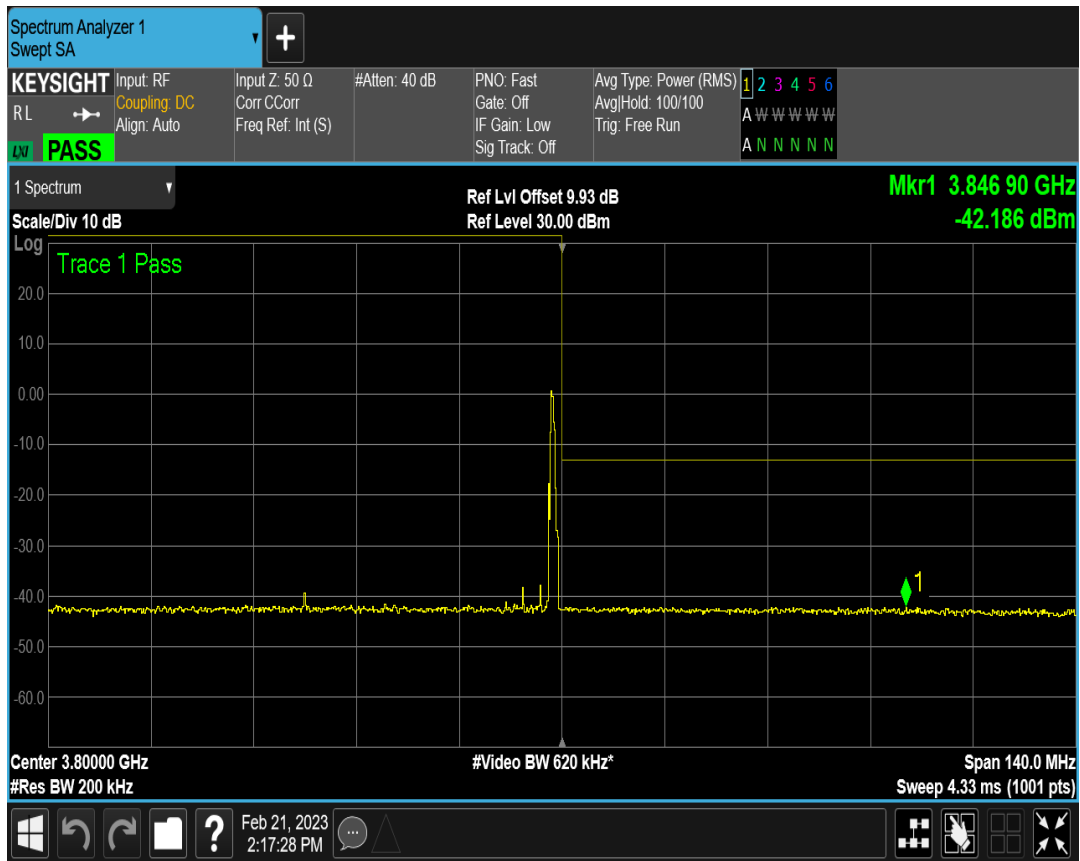
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=649000 RB=1@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=651000 RB=180@0



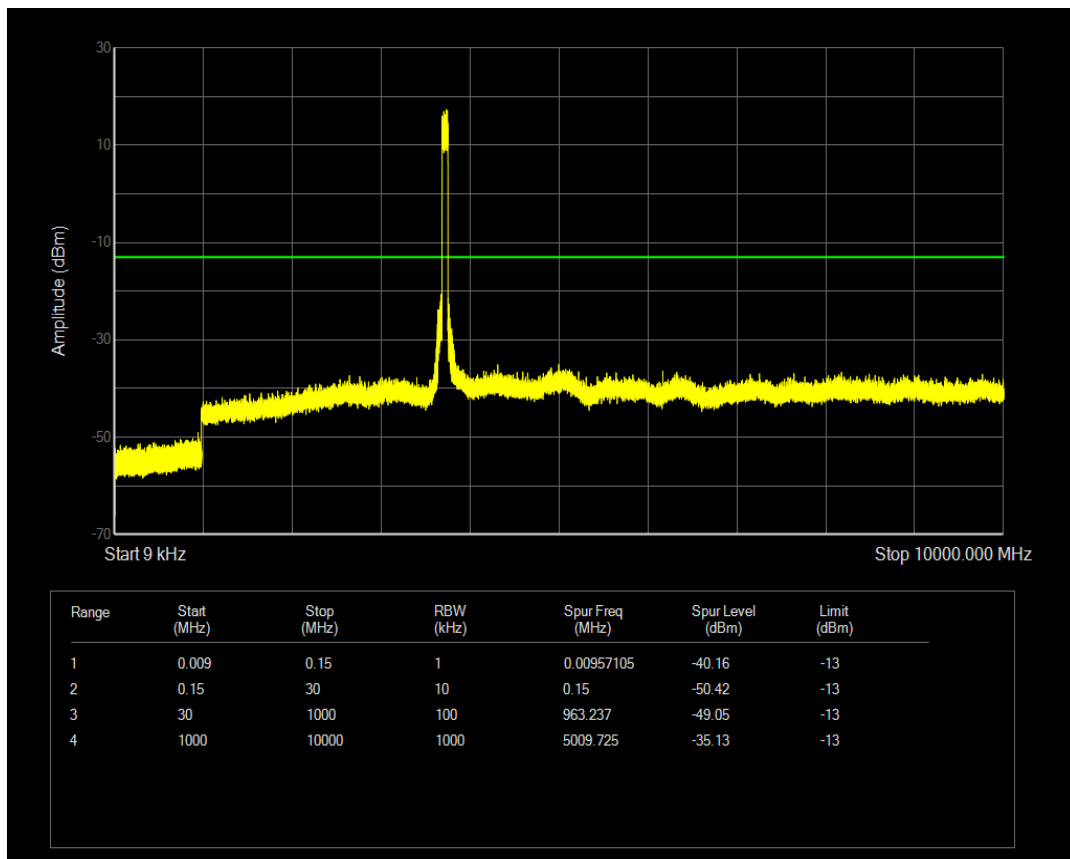
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=651000 RB=1@188



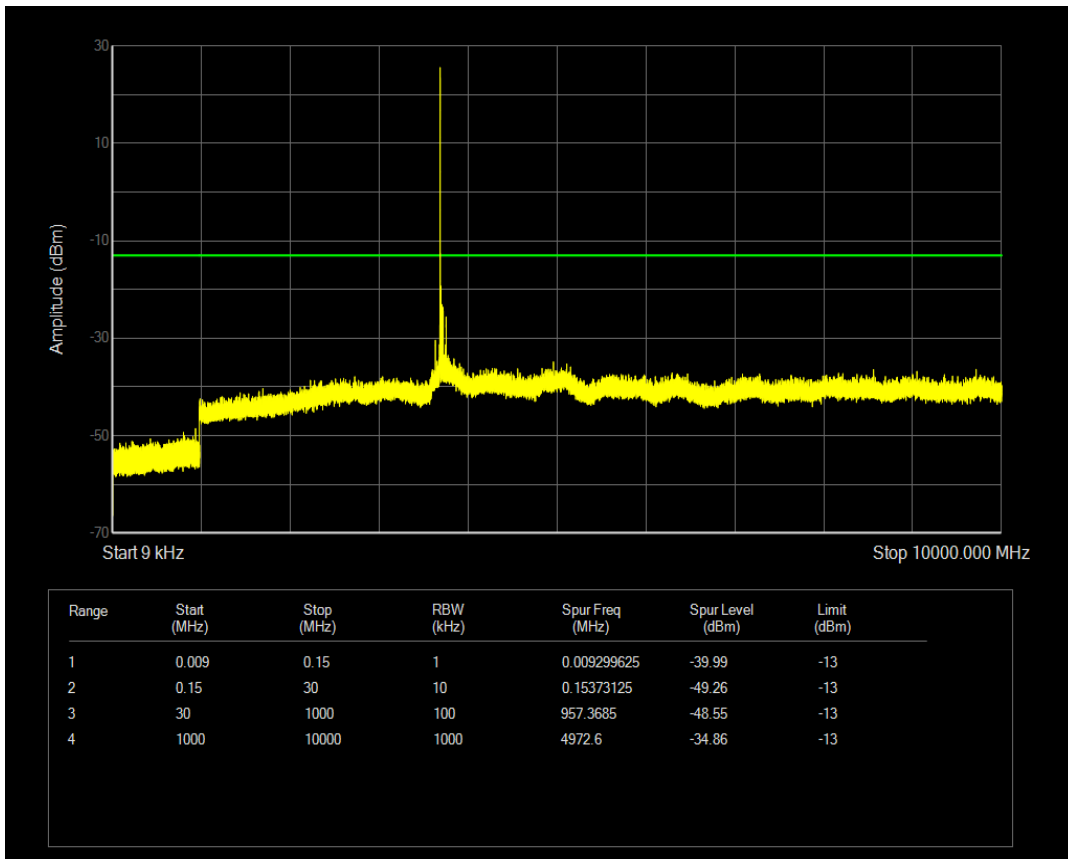
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3700-3800)	30	70	649000	180@0	DFT_QPSK	5009.73	-35.13	-13	PASS
n78(3700-3800)	30	70	649000	1@0	DFT_QPSK	4972.60	-34.86	-13	PASS
n78(3700-3800)	30	70	649000	1@188	DFT_QPSK	5014.23	-35.79	-13	PASS
n78(3700-3800)	30	70	650000	180@0	DFT_QPSK	5051.35	-34.90	-13	PASS
n78(3700-3800)	30	70	650000	1@0	DFT_QPSK	5042.80	-34.88	-13	PASS
n78(3700-3800)	30	70	650000	1@188	DFT_QPSK	6462.78	-35.75	-13	PASS
n78(3700-3800)	30	70	651000	180@0	DFT_QPSK	5110.30	-35.50	-13	PASS
n78(3700-3800)	30	70	651000	1@0	DFT_QPSK	5120.43	-35.45	-13	PASS
n78(3700-3800)	30	70	651000	1@188	DFT_QPSK	5004.55	-35.42	-13	PASS

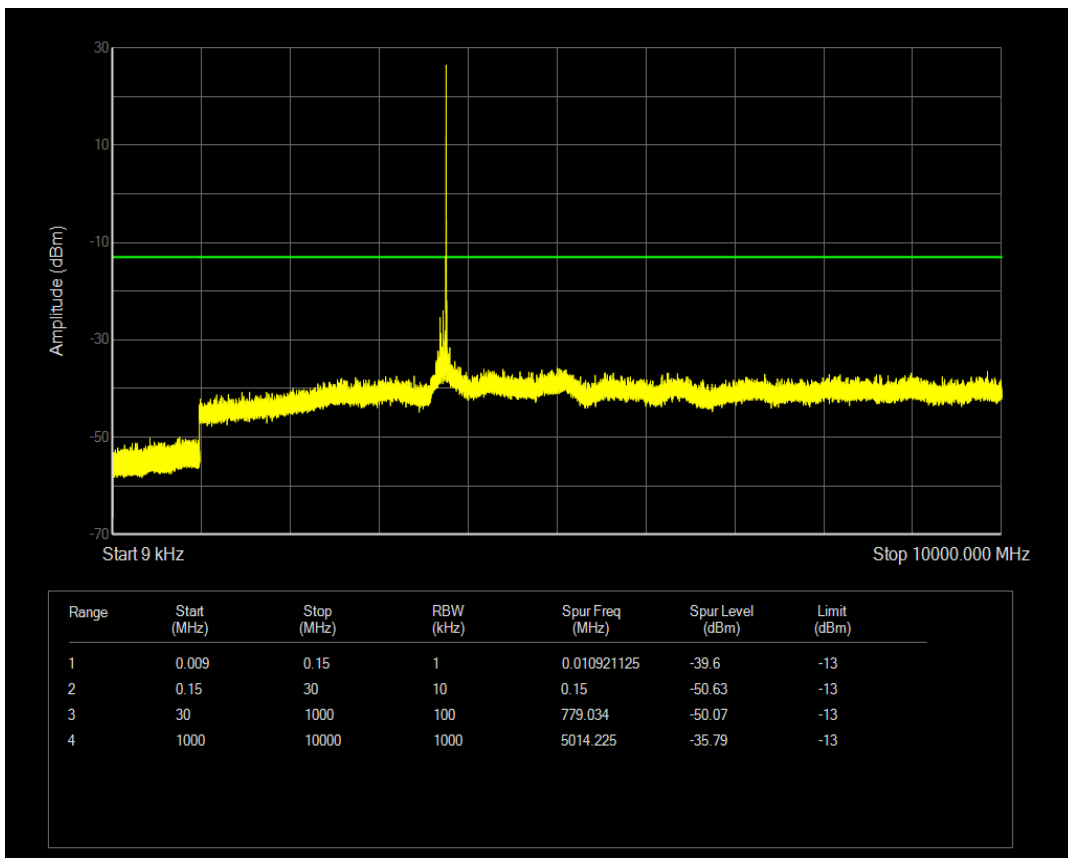
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=649000 RB=180@0



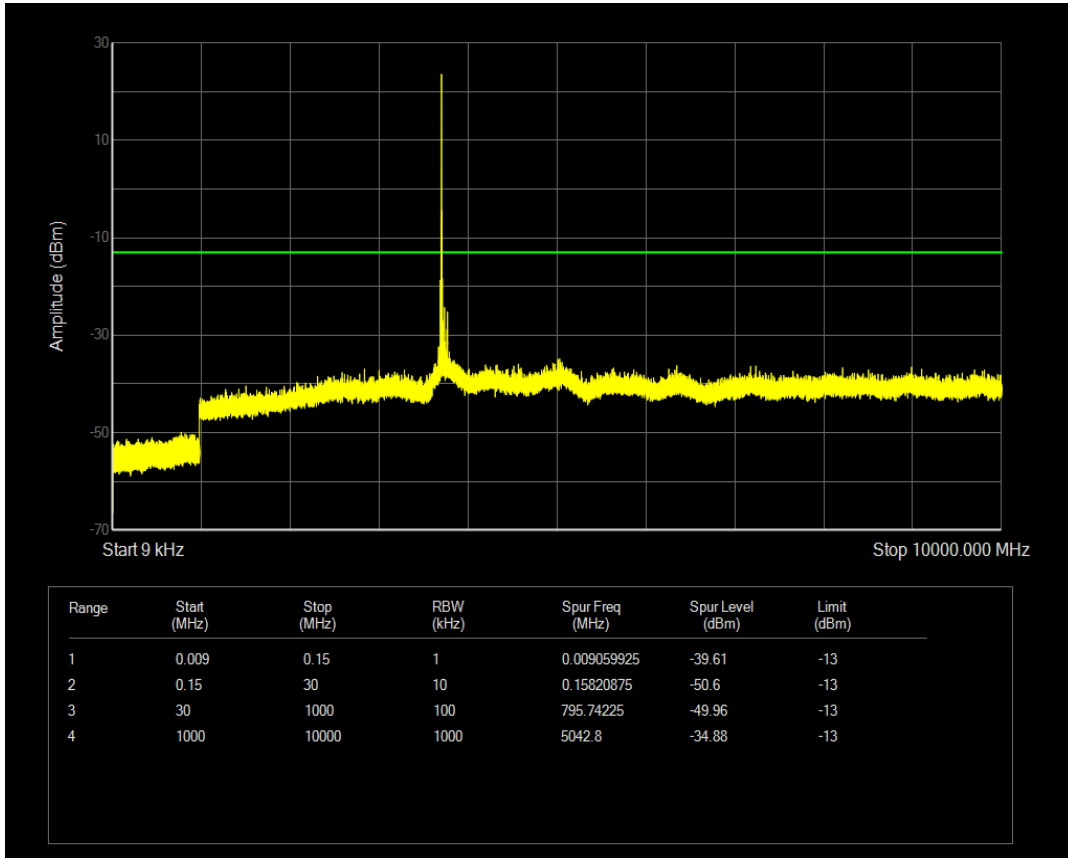
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=649000 RB=1@0



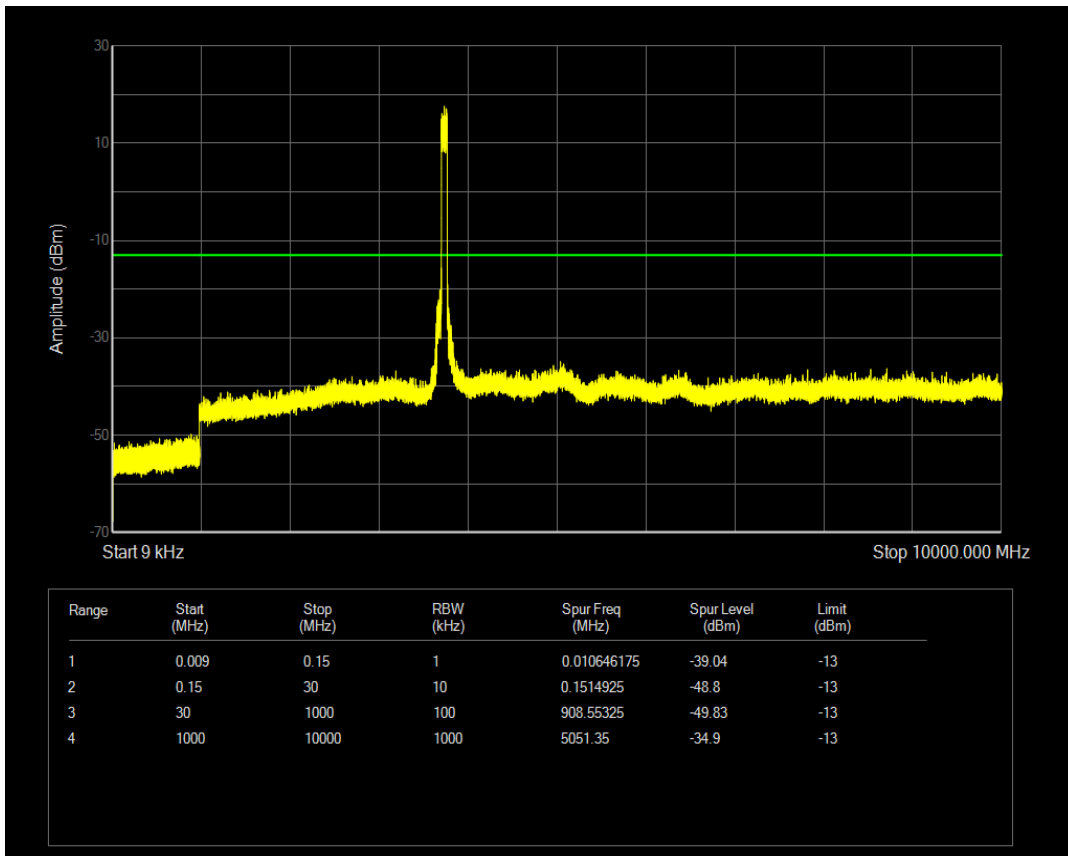
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=649000 RB=1@188



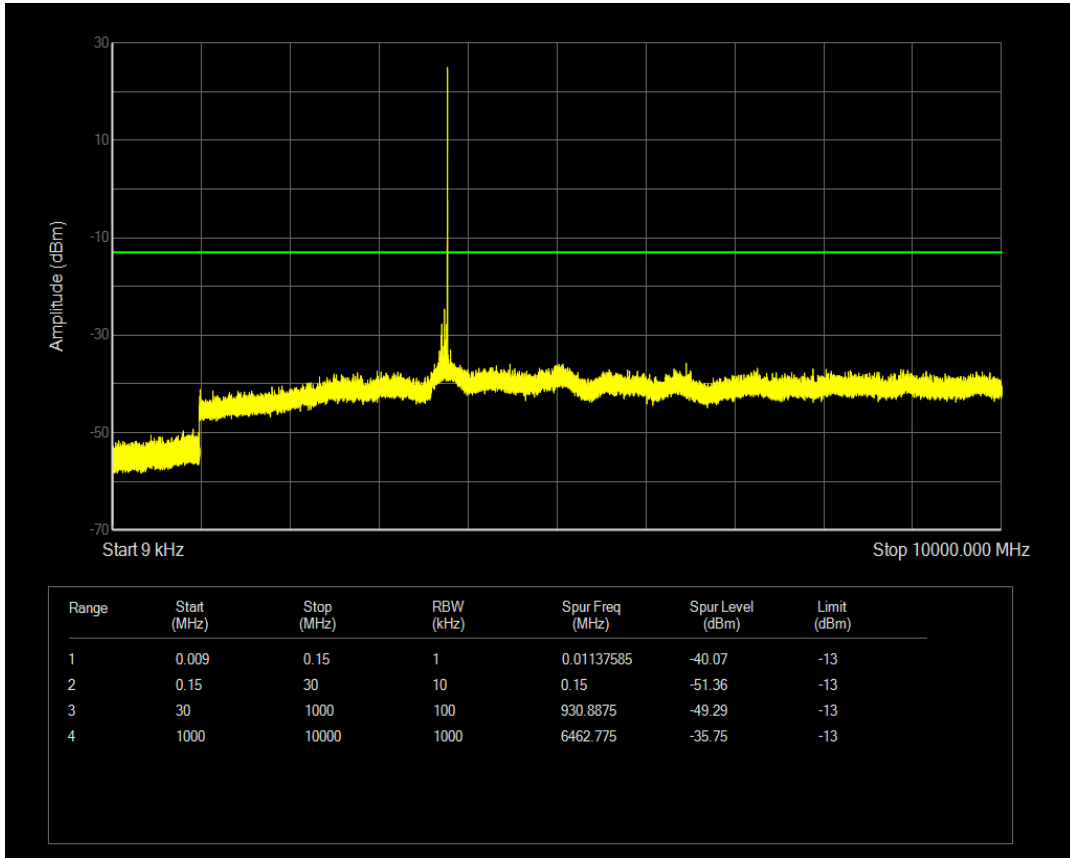
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=650000 RB=1@0



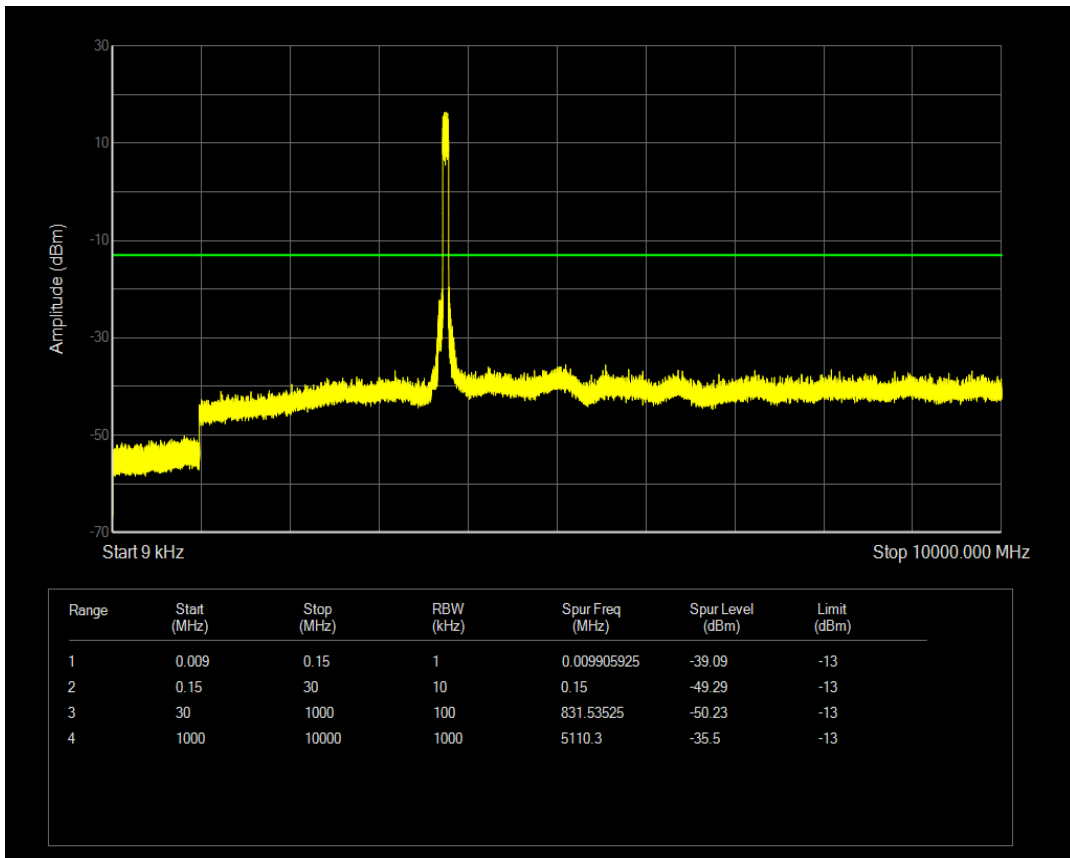
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=650000 RB=180@0



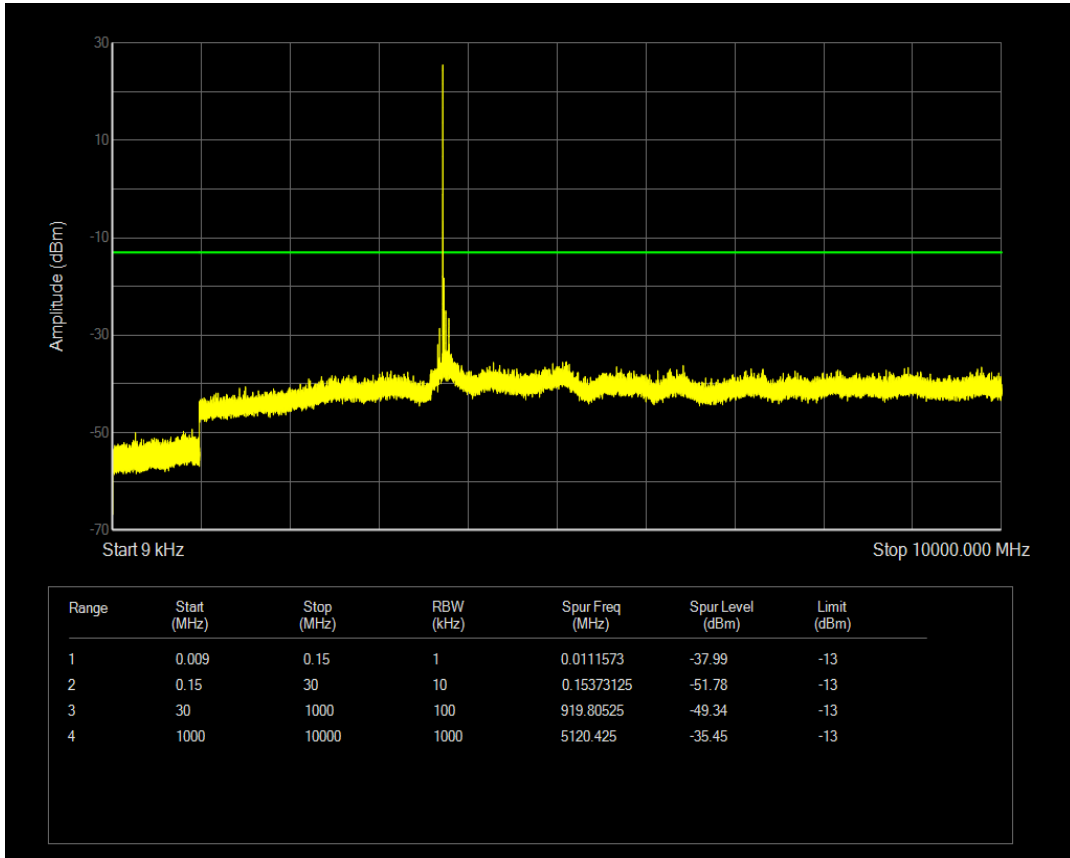
n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=650000 RB=1@188



n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=651000 RB=180@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=651000 RB=1@0



n78(3700-3800) SCS=30kHz DFT_QPSK BW=70MHz Channel=651000 RB=1@188

