

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(3450-3550)	30	70	632334	90@45	DFT_BPSK	27.44	-1.95	25.49	30	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	26.88	-1.95	24.93	30	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	26.80	-1.95	24.85	30	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	27.44	-1.95	25.49	30	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	26.72	-1.95	24.77	30	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	26.59	-1.95	24.64	30	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QAM16	26.42	-1.95	24.47	30	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QAM16	25.79	-1.95	23.84	30	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QAM16	25.66	-1.95	23.71	30	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QAM64	24.94	-1.95	22.99	30	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QAM64	24.66	-1.95	22.71	30	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QAM64	24.55	-1.95	22.6	30	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	25.92	-1.95	23.97	30	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	25.47	-1.95	23.52	30	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	25.23	-1.95	23.28	30	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QAM16	25.44	-1.95	23.49	30	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QAM16	24.83	-1.95	22.88	30	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QAM16	25.04	-1.95	23.09	30	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QAM64	23.81	-1.95	21.86	30	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QAM64	24.13	-1.95	22.18	30	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QAM64	23.30	-1.95	21.35	30	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	27.32	-1.95	25.37	30	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	26.93	-1.95	24.98	30	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	26.86	-1.95	24.91	30	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	27.31	-1.95	25.36	30	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	26.72	-1.95	24.77	30	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	26.68	-1.95	24.73	30	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QAM16	26.29	-1.95	24.34	30	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QAM16	25.85	-1.95	23.9	30	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QAM16	25.76	-1.95	23.81	30	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QAM64	24.79	-1.95	22.84	30	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QAM64	24.47	-1.95	22.52	30	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QAM64	24.43	-1.95	22.48	30	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	25.78	-1.95	23.83	30	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	25.33	-1.95	23.38	30	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	25.24	-1.95	23.29	30	PASS

n78(3450-3550)	30	70	633334	95@47	CP_QAM16	25.28	-1.95	23.33	30	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QAM16	25.19	-1.95	23.24	30	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QAM16	25.15	-1.95	23.2	30	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QAM64	23.74	-1.95	21.79	30	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QAM64	24.03	-1.95	22.08	30	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QAM64	23.98	-1.95	22.03	30	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	27.15	-1.95	25.2	30	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	27.15	-1.95	25.2	30	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	27.13	-1.95	25.18	30	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	27.11	-1.95	25.16	30	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	26.94	-1.95	24.99	30	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	26.87	-1.95	24.92	30	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QAM16	26.16	-1.95	24.21	30	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QAM16	26.21	-1.95	24.26	30	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QAM16	25.99	-1.95	24.04	30	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QAM64	24.64	-1.95	22.69	30	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QAM64	24.83	-1.95	22.88	30	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QAM64	24.74	-1.95	22.79	30	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	25.62	-1.95	23.67	30	PASS
n78(3450-3550)	30	70	634332	1@1	CP_QPSK	25.53	-1.95	23.58	30	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	25.53	-1.95	23.58	30	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QAM16	25.20	-1.95	23.25	30	PASS
n78(3450-3550)	30	70	634332	1@1	CP_QAM16	25.06	-1.95	23.11	30	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QAM16	24.92	-1.95	22.97	30	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QAM64	23.71	-1.95	21.76	30	PASS
n78(3450-3550)	30	70	634332	1@1	CP_QAM64	24.00	-1.95	22.05	30	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QAM64	23.91	-1.95	21.96	30	PASS

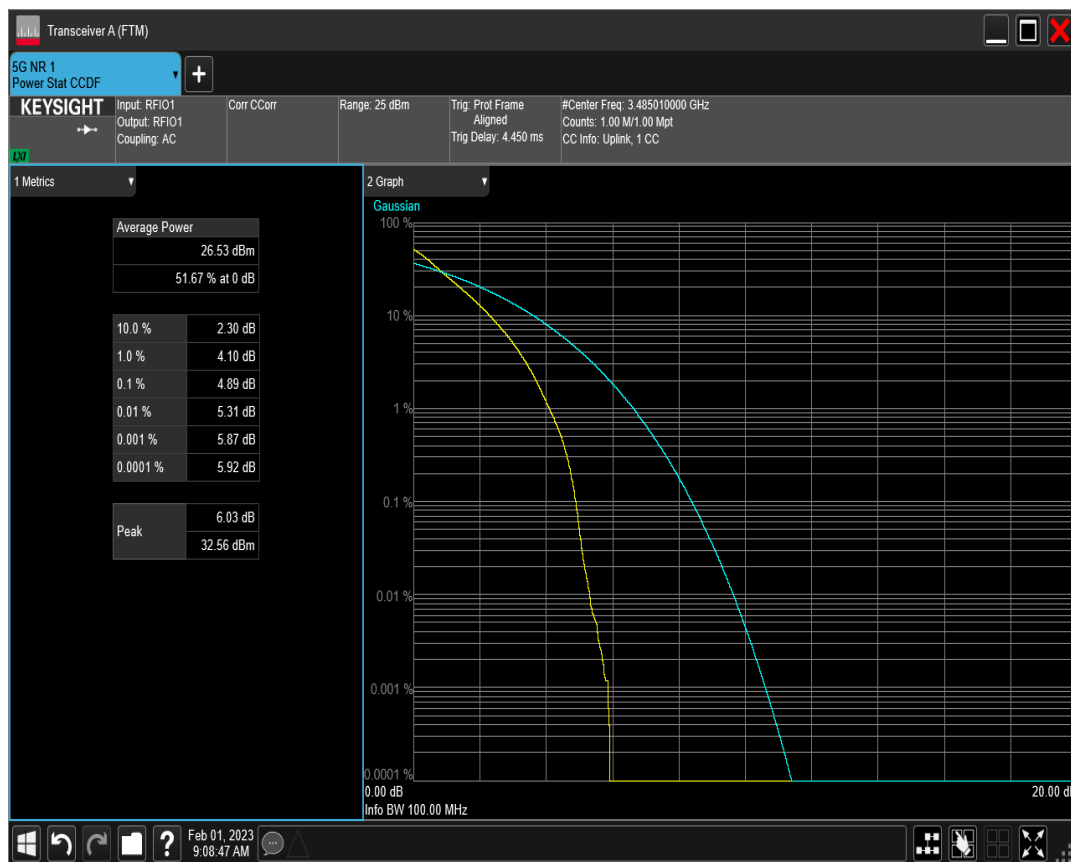
2 Frequency stability for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	-28.23	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	-25.63	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	-31.94	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	-23.10	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	-23.80	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	-26.87	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	-25.26	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	-27.91	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	-28.35	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	-27.15	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	-27.17	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	-30.81	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	-25.43	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	-25.86	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	-26.24	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	-29.91	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	-26.76	-0.01	-2.5	2.5	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	-28.55	-0.01	-2.5	2.5	PASS

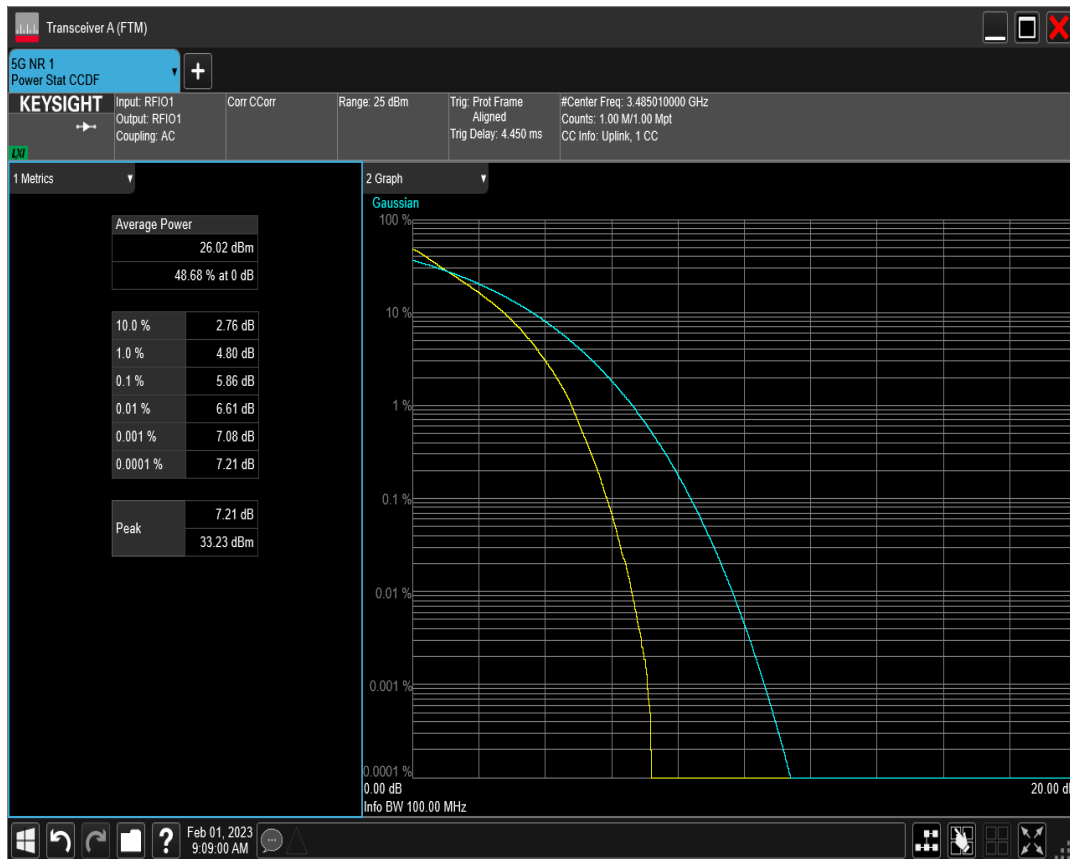
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	4.89	13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	5.86	13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QAM16	6.60	13	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QAM64	6.92	13	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	4.93	13	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	5.90	13	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM16	6.64	13	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM64	6.90	13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	4.93	13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	5.91	13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QAM16	6.64	13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QAM64	6.96	13	PASS

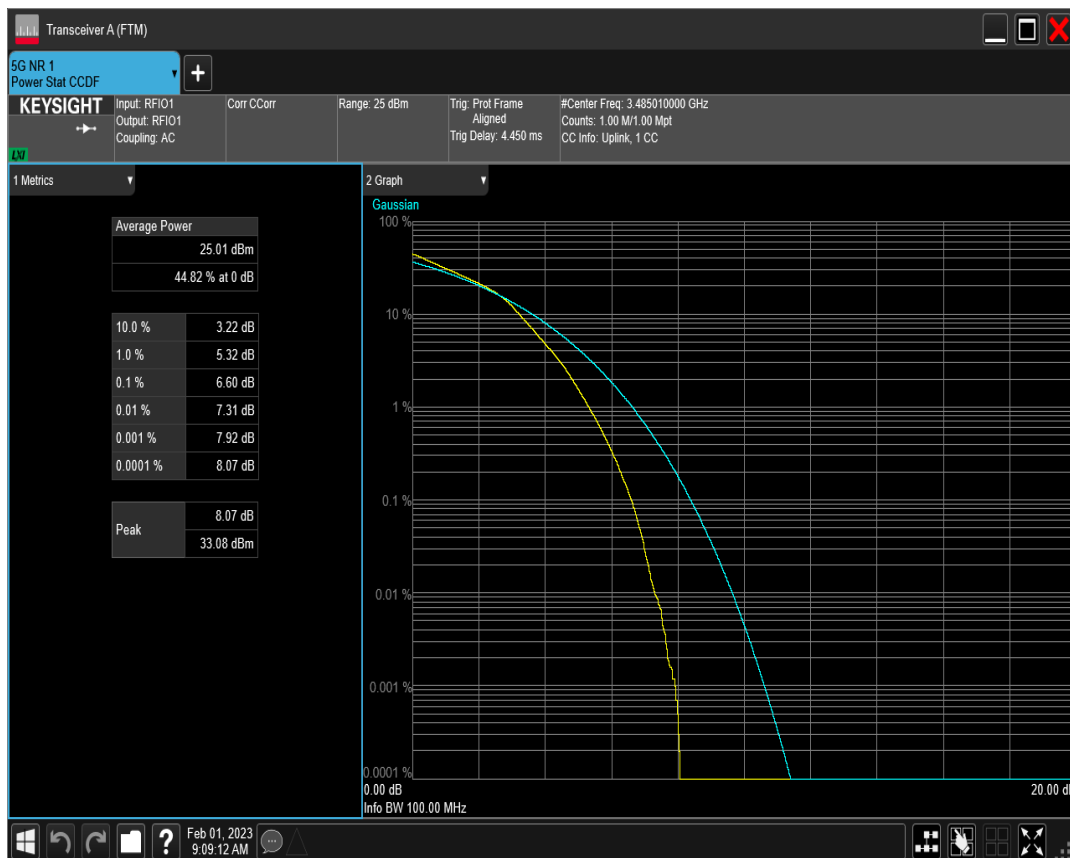
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=632334 RB=180@0



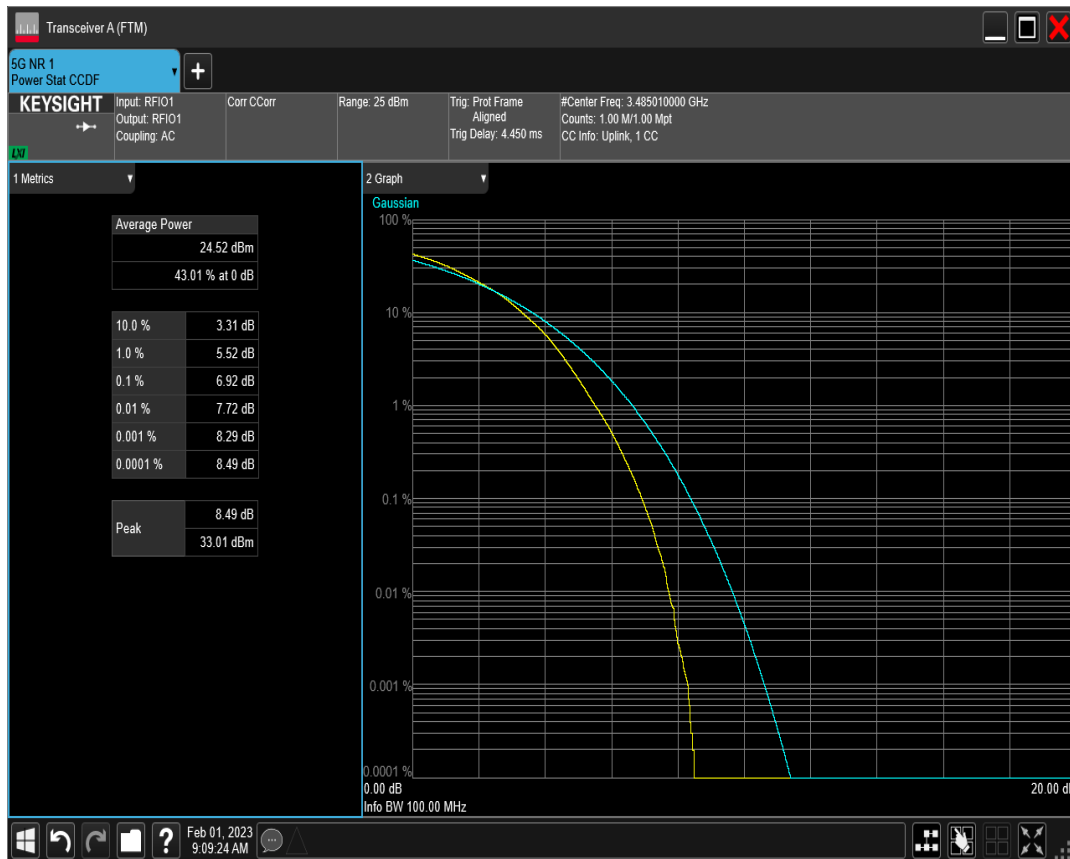
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=180@0



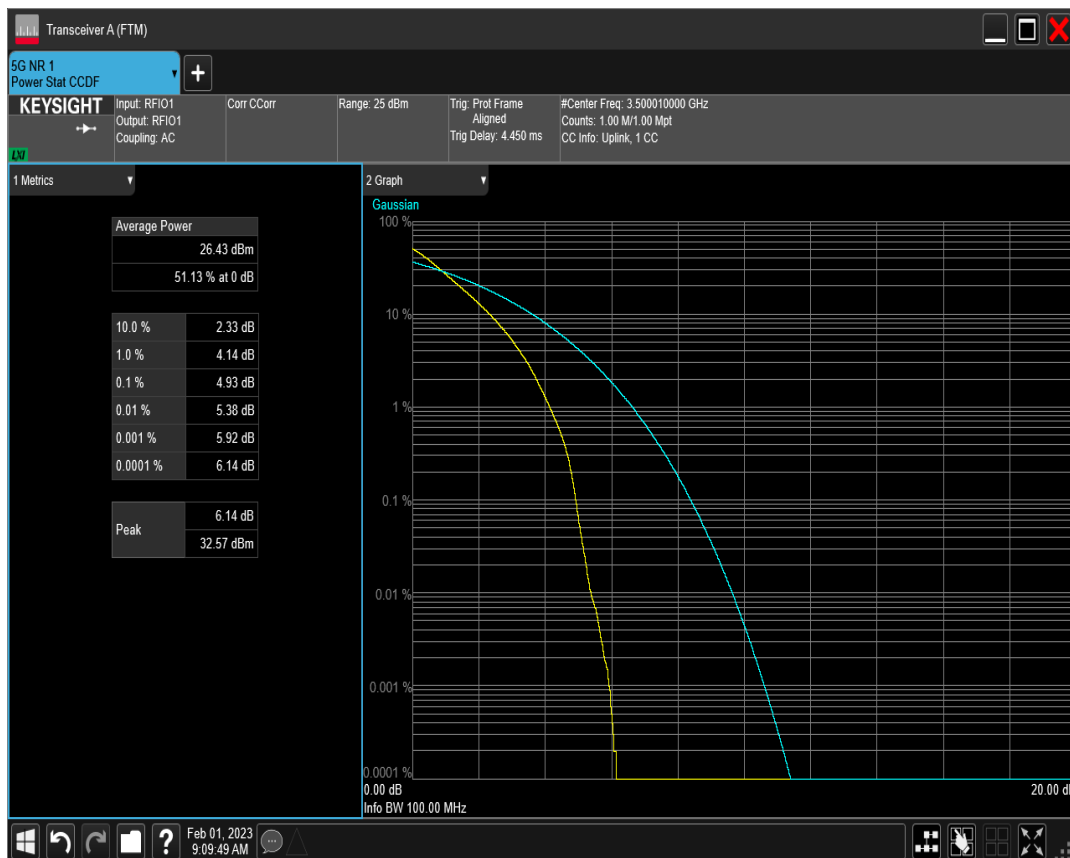
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=632334 RB=180@0



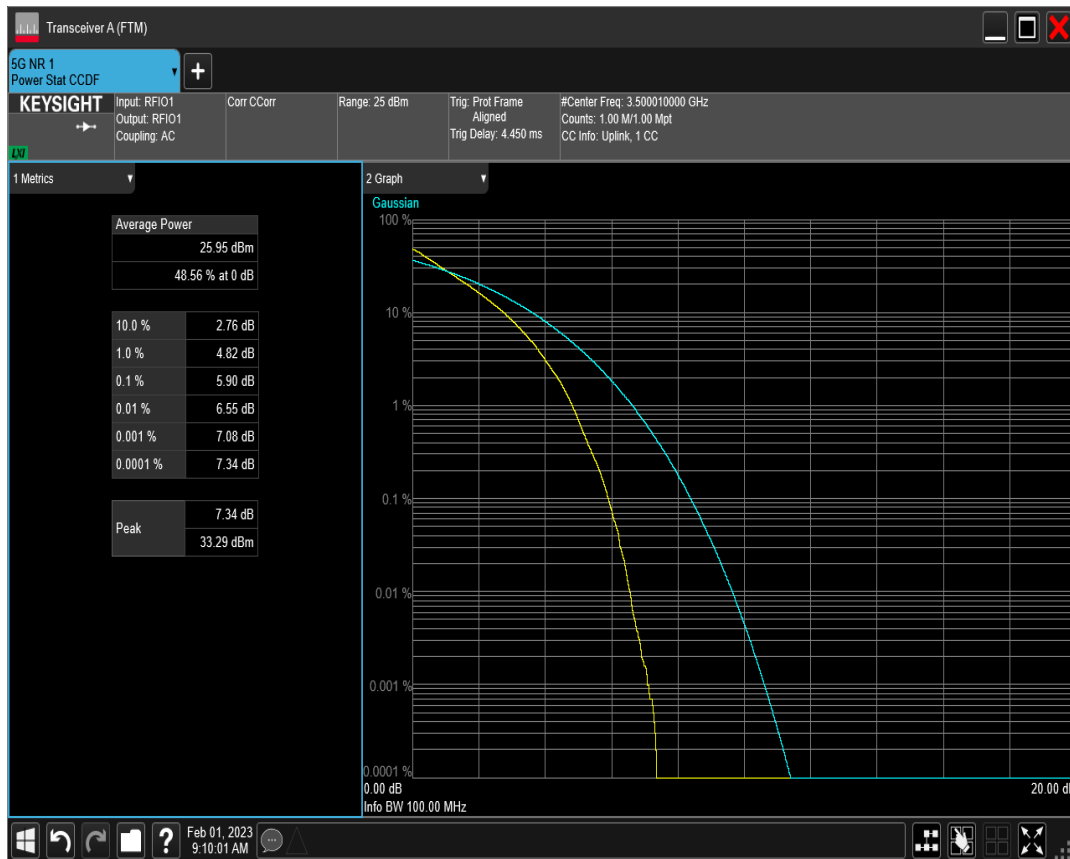
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=632334 RB=180@0



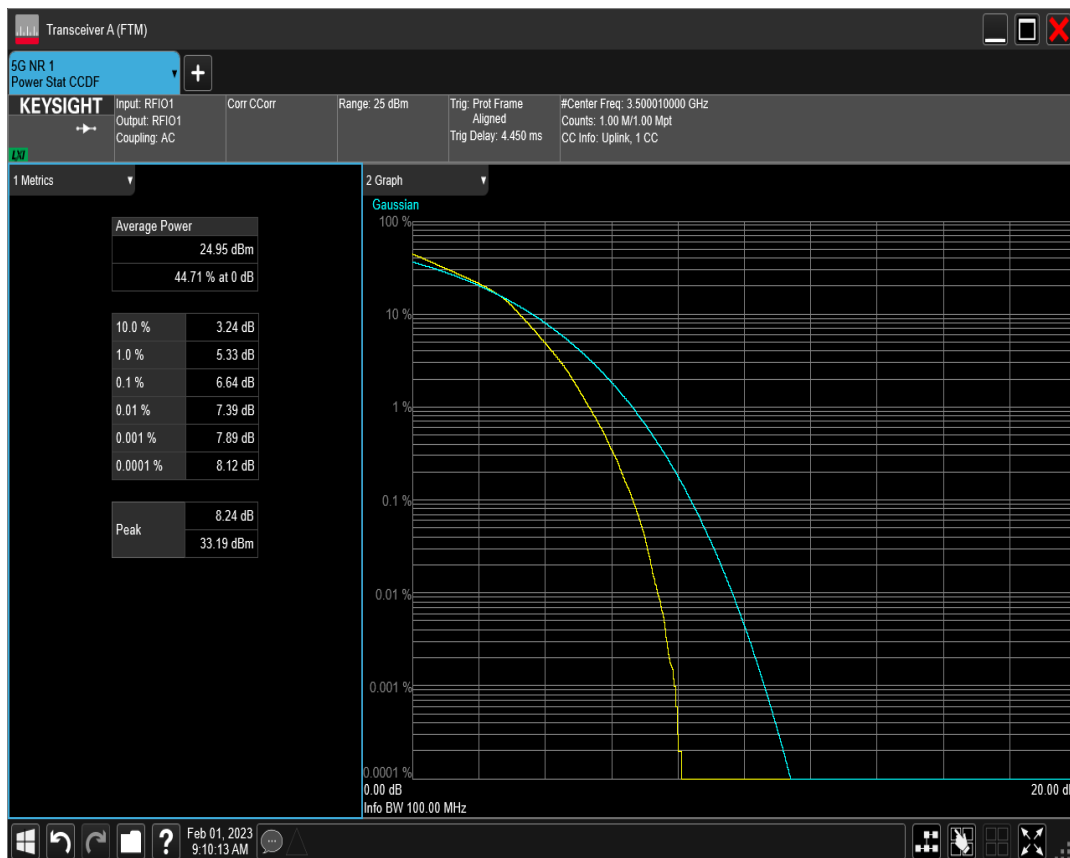
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=6333334 RB=180@0



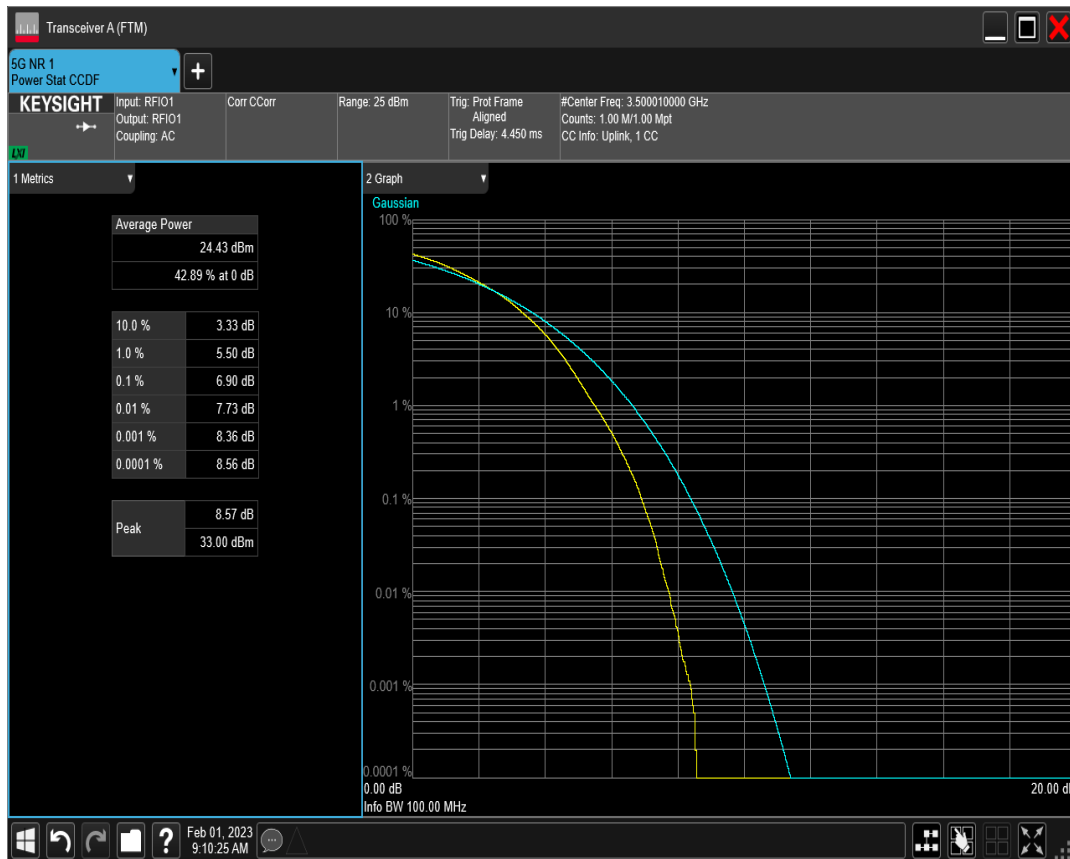
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=6333334 RB=180@0



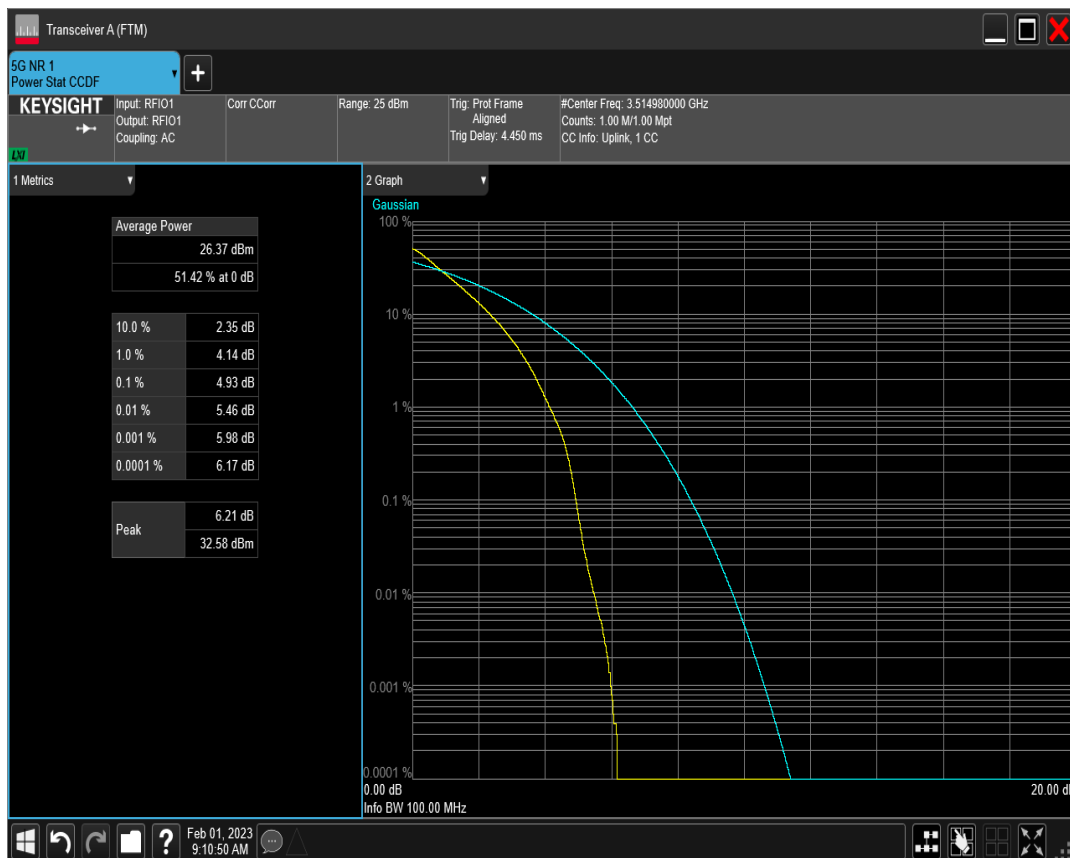
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=633334 RB=180@0



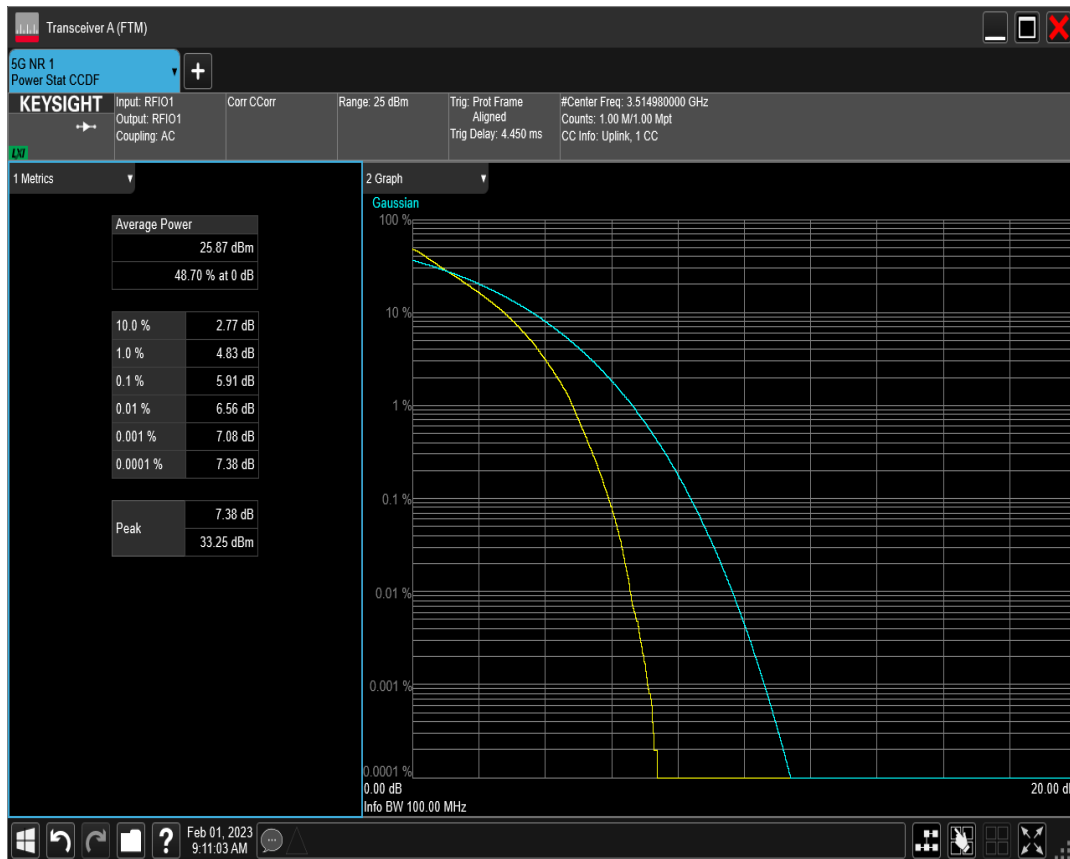
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=633334 RB=180@0



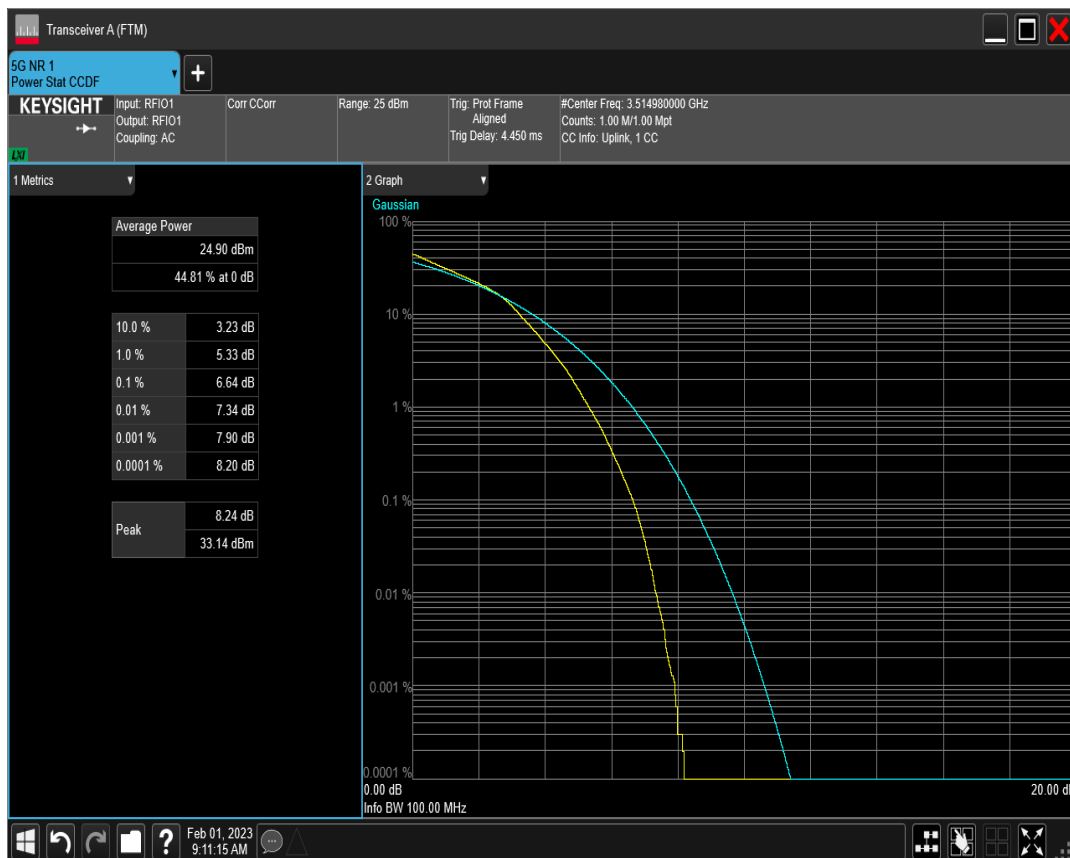
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=634332 RB=180@0



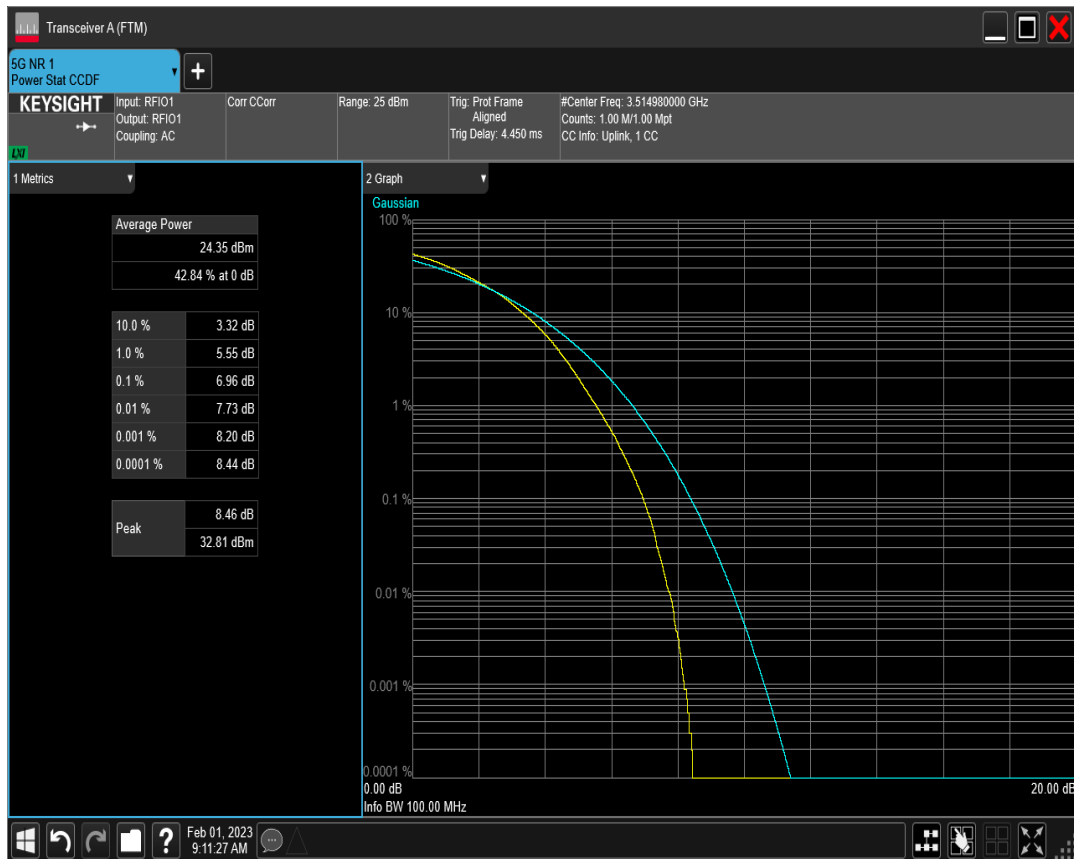
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=634332 RB=180@0



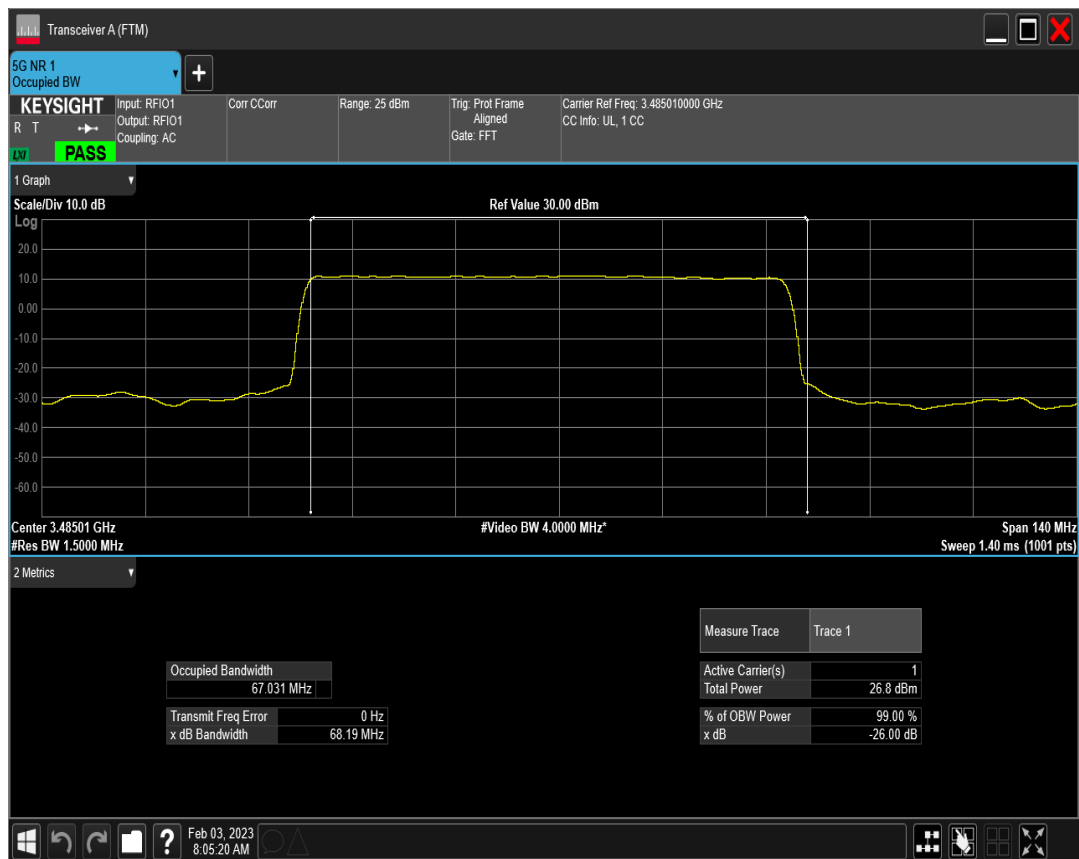
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=634332 RB=180@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	67.030	68.190	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	67.050	68.180	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QAM16	67.050	68.180	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QAM64	67.050	68.190	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	67.810	71.460	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	66.990	68.180	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	66.970	68.150	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM16	66.990	68.200	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QAM64	66.960	68.160	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	67.810	71.440	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	67.050	68.180	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	67.050	68.200	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QAM16	67.220	68.180	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QAM64	67.020	68.150	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	67.820	71.450	PASS

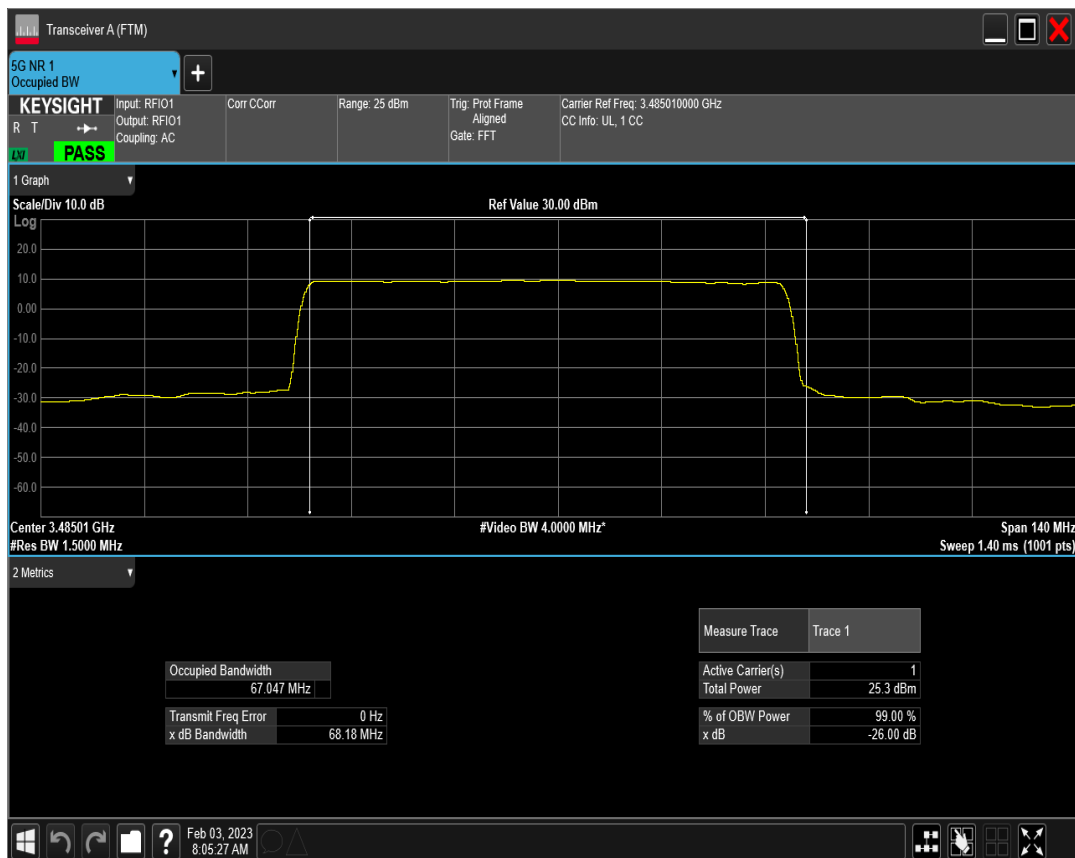
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=632334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=632334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=632334 RB=180@0



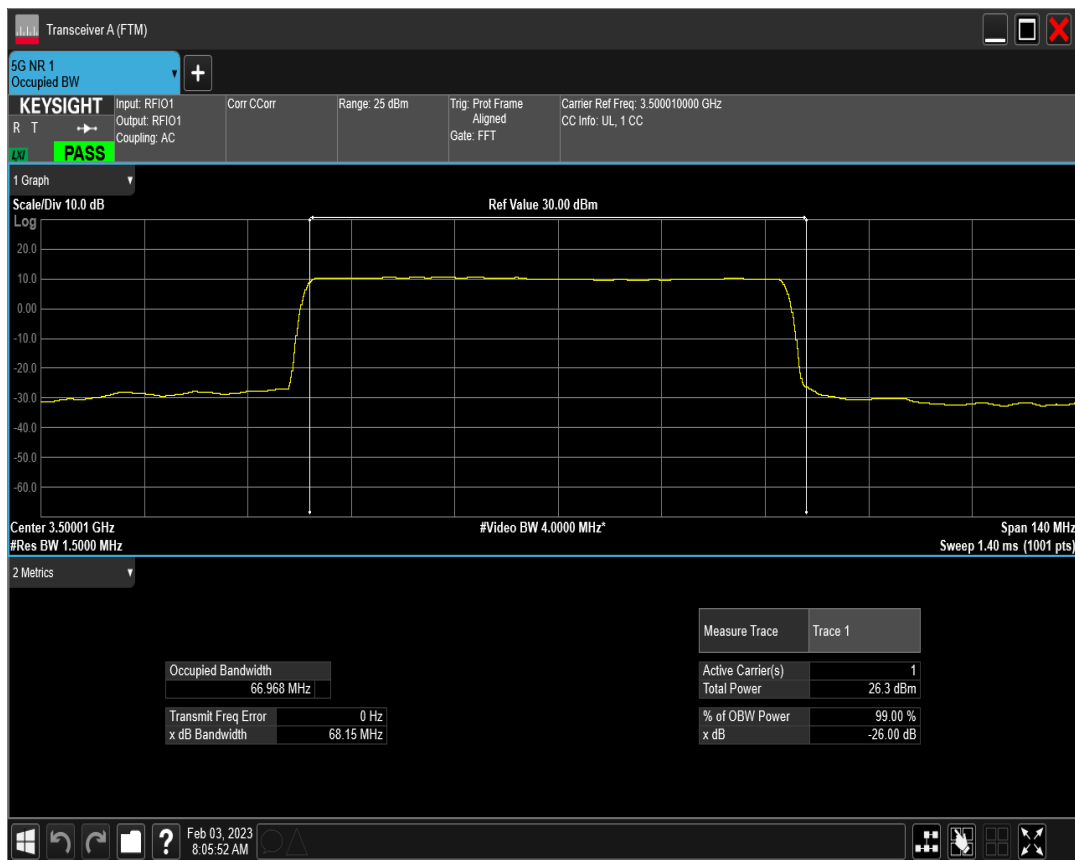
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=632334 RB=189@0



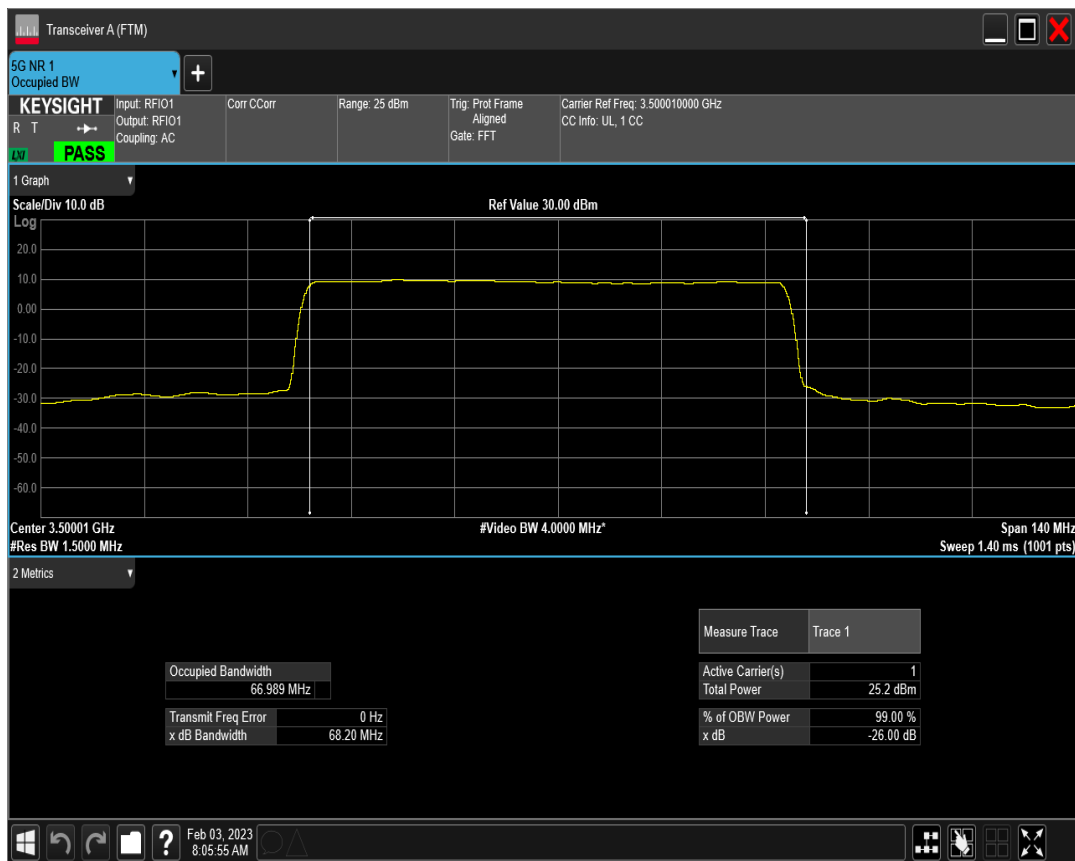
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=180@0



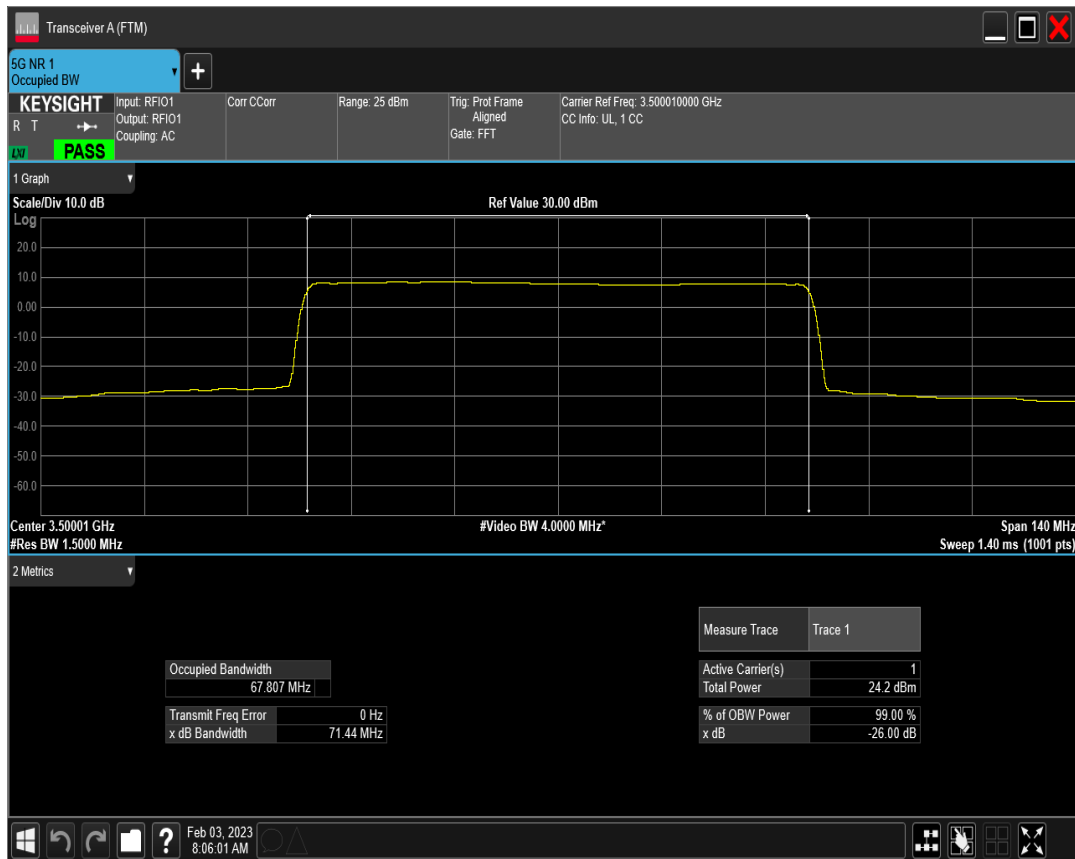
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=633334 RB=180@0



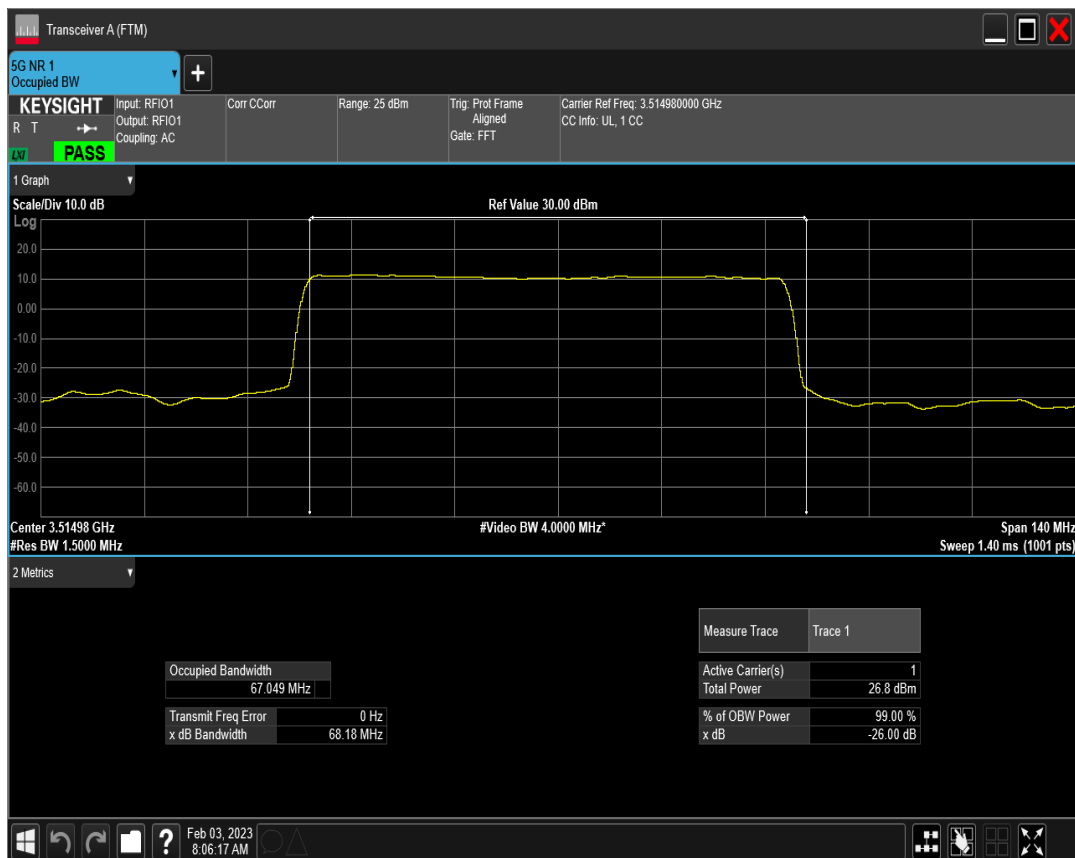
n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=633334 RB=180@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=633334 RB=189@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=180@0



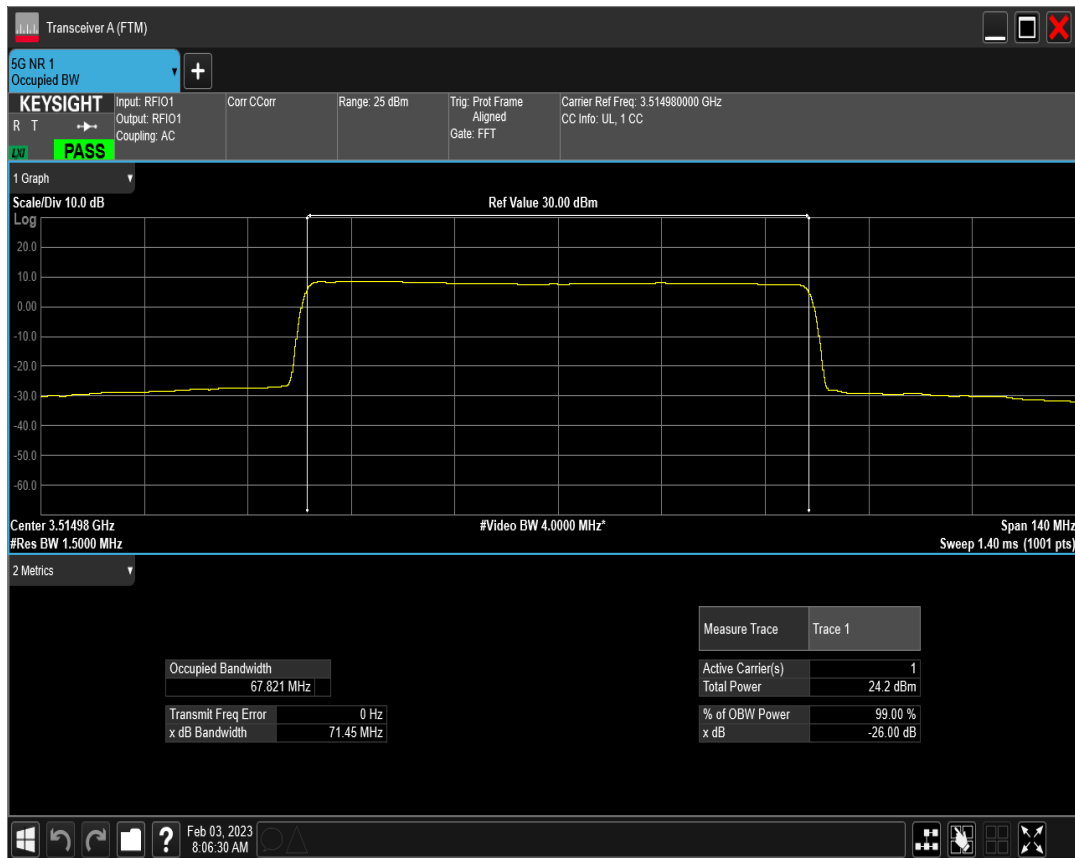
n78(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=634332 RB=180@0



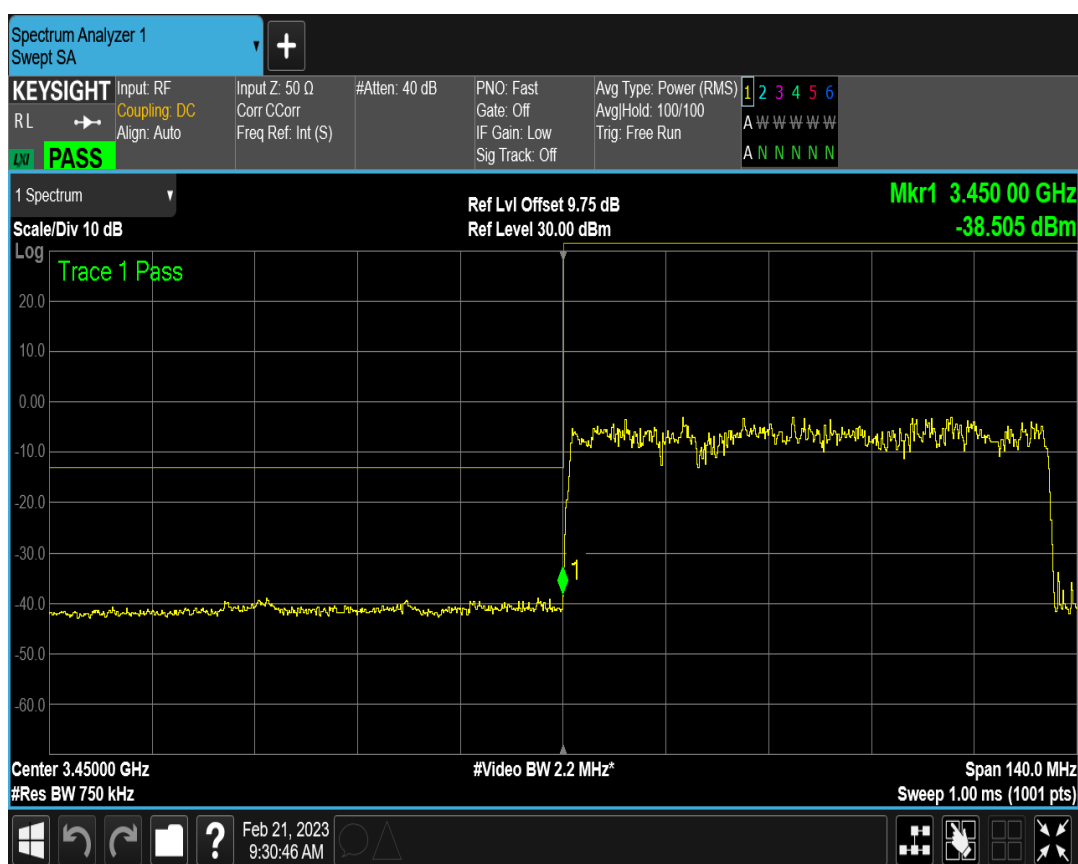
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz Channel=634332 RB=189@0



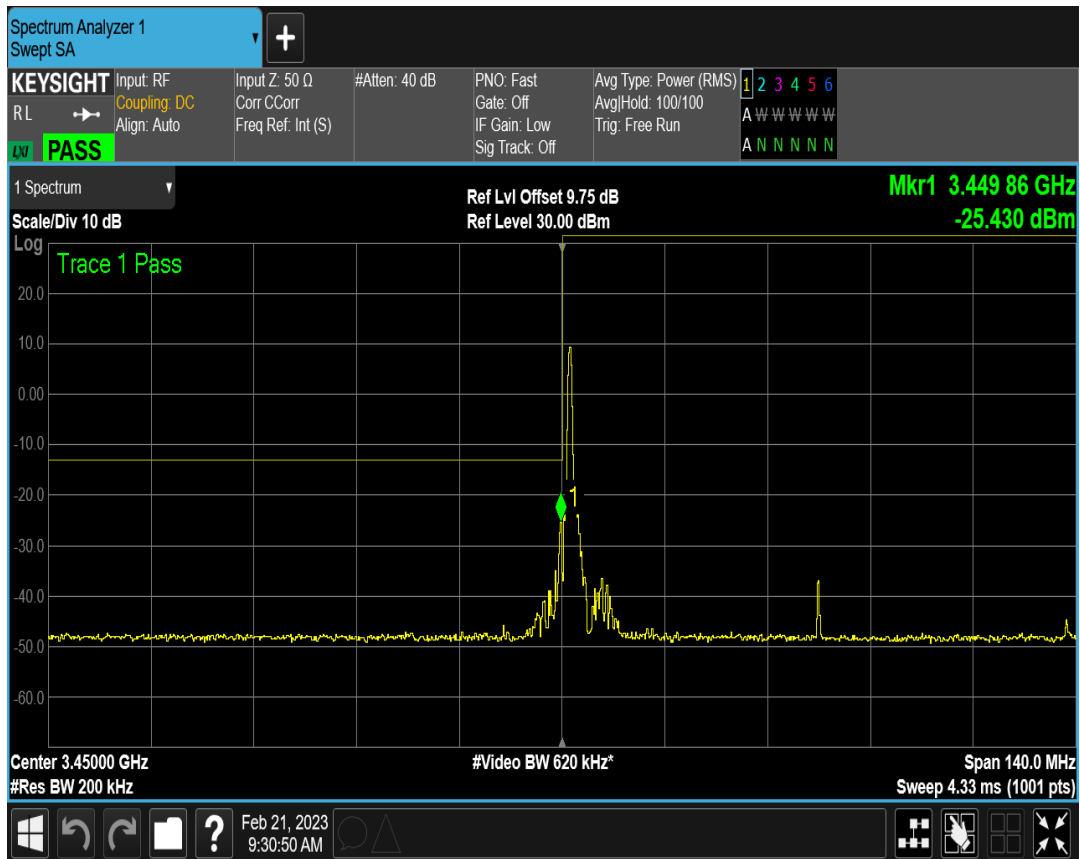
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	3450.00	-38.50	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_QPSK	3449.86	-25.42	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	3607.82	-37.33	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_QPSK	3550.28	-32.60	-13	PASS

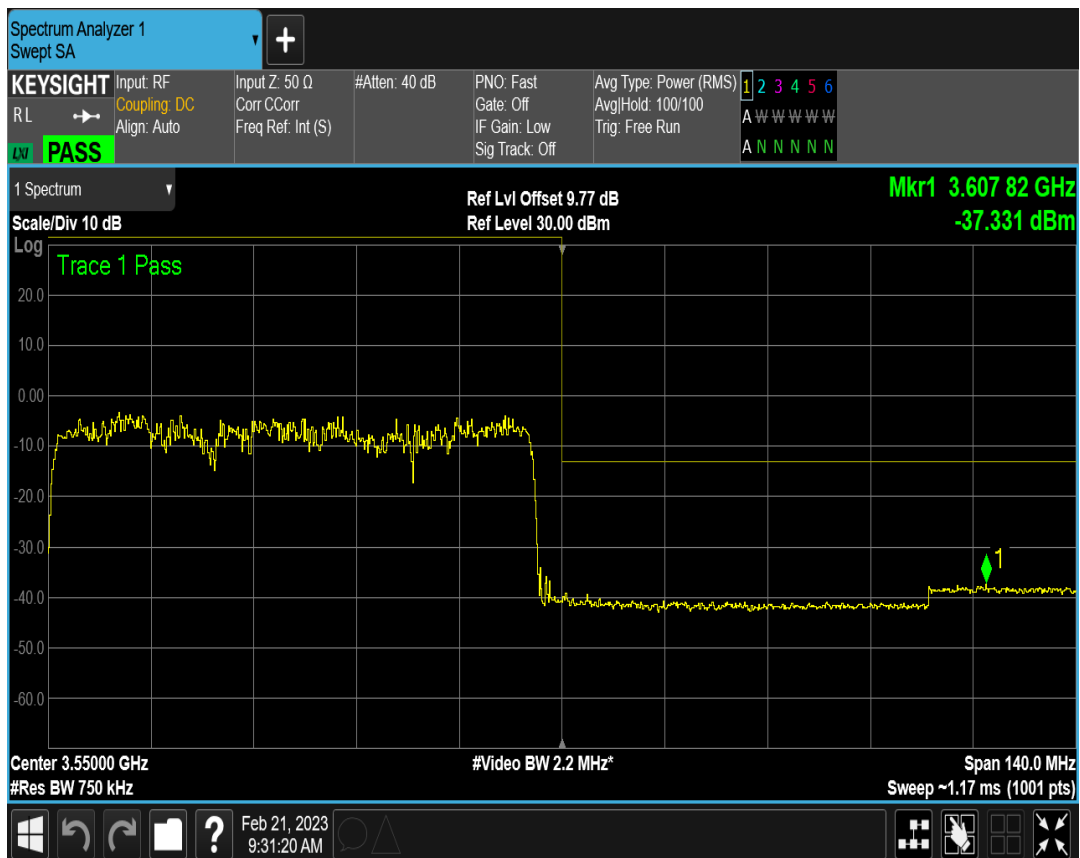
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=180@0



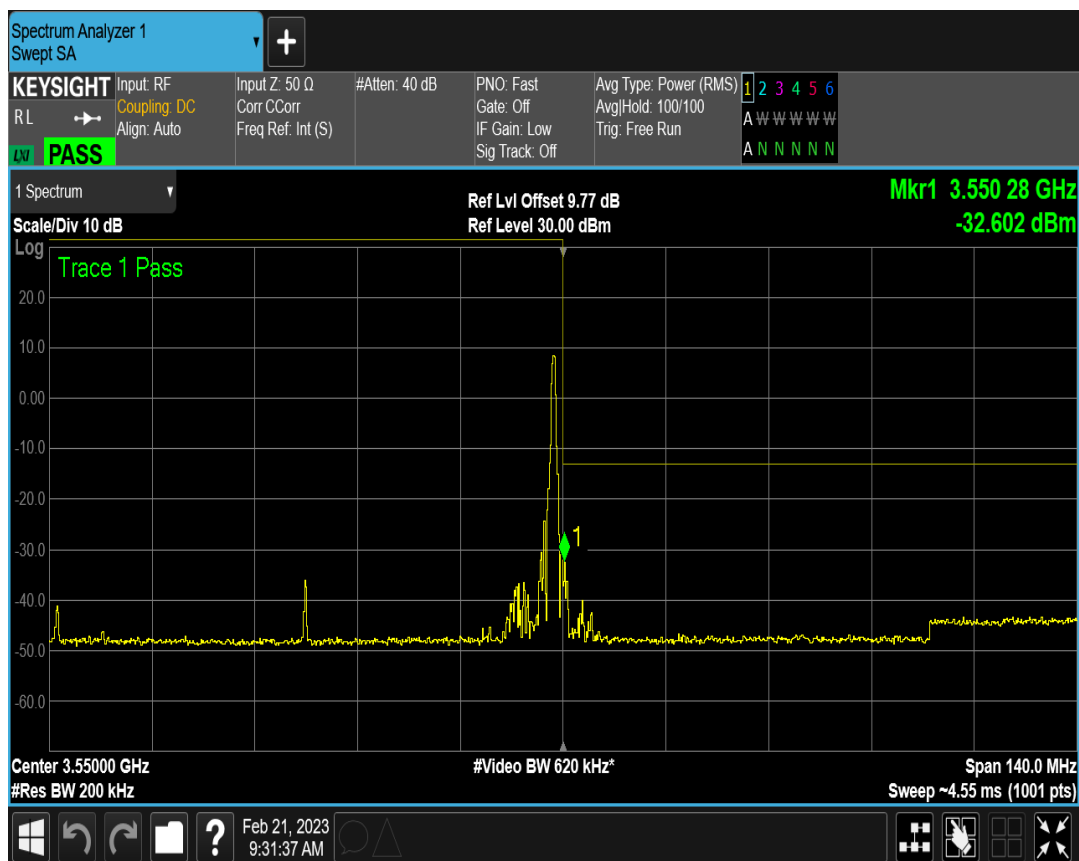
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=180@0



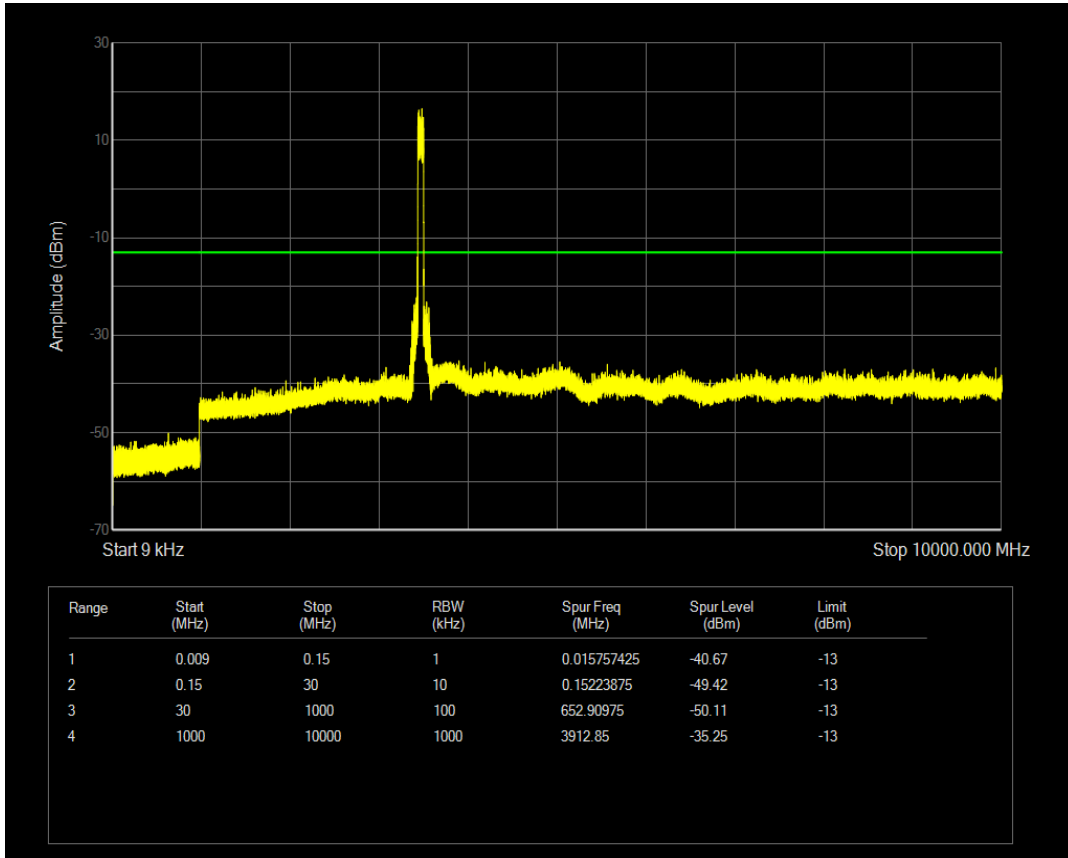
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=1@188



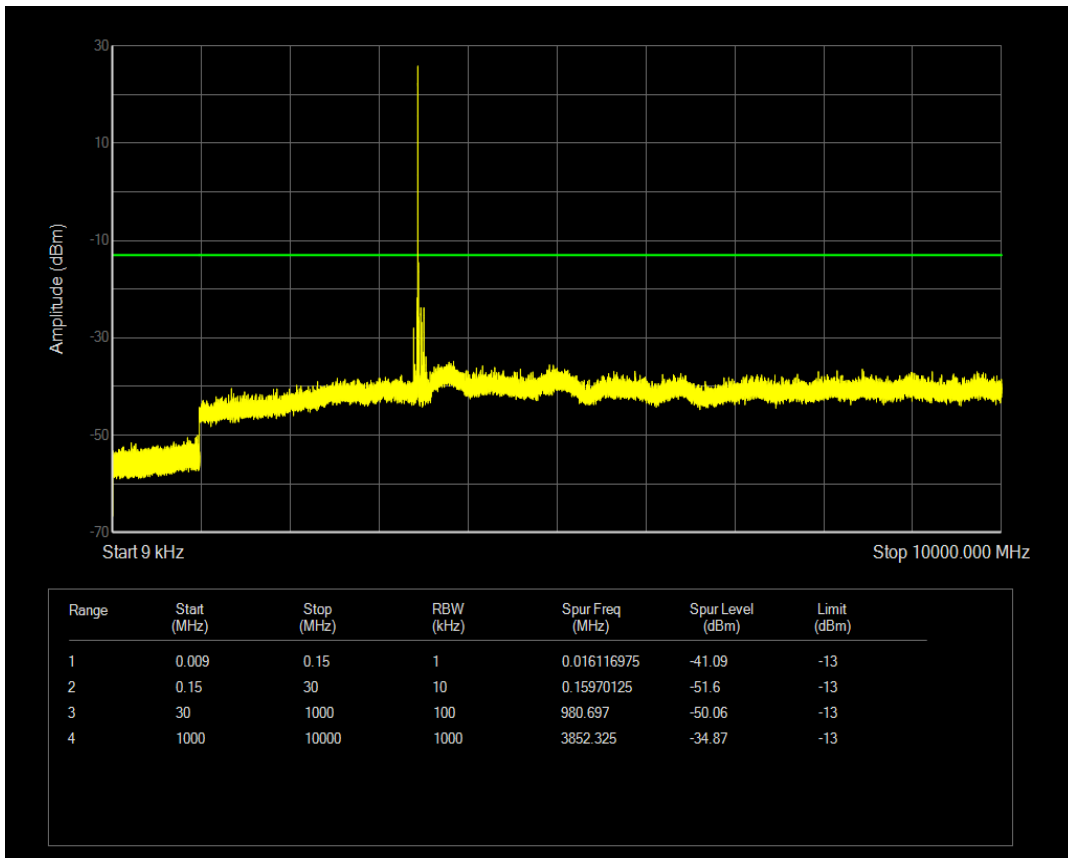
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	3912.85	-35.25	-13	PASS
n78(3450-3550)	30	70	632334	1@0	DFT_QPSK	3852.33	-34.87	-13	PASS
n78(3450-3550)	30	70	632334	1@188	DFT_QPSK	3837.70	-35.48	-13	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	3849.63	-35.26	-13	PASS
n78(3450-3550)	30	70	633334	1@0	DFT_QPSK	3860.65	-35.05	-13	PASS
n78(3450-3550)	30	70	633334	1@188	DFT_QPSK	4982.73	-34.74	-13	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	3836.80	-34.98	-13	PASS
n78(3450-3550)	30	70	634332	1@0	DFT_QPSK	3838.15	-34.35	-13	PASS
n78(3450-3550)	30	70	634332	1@188	DFT_QPSK	5065.53	-35.07	-13	PASS

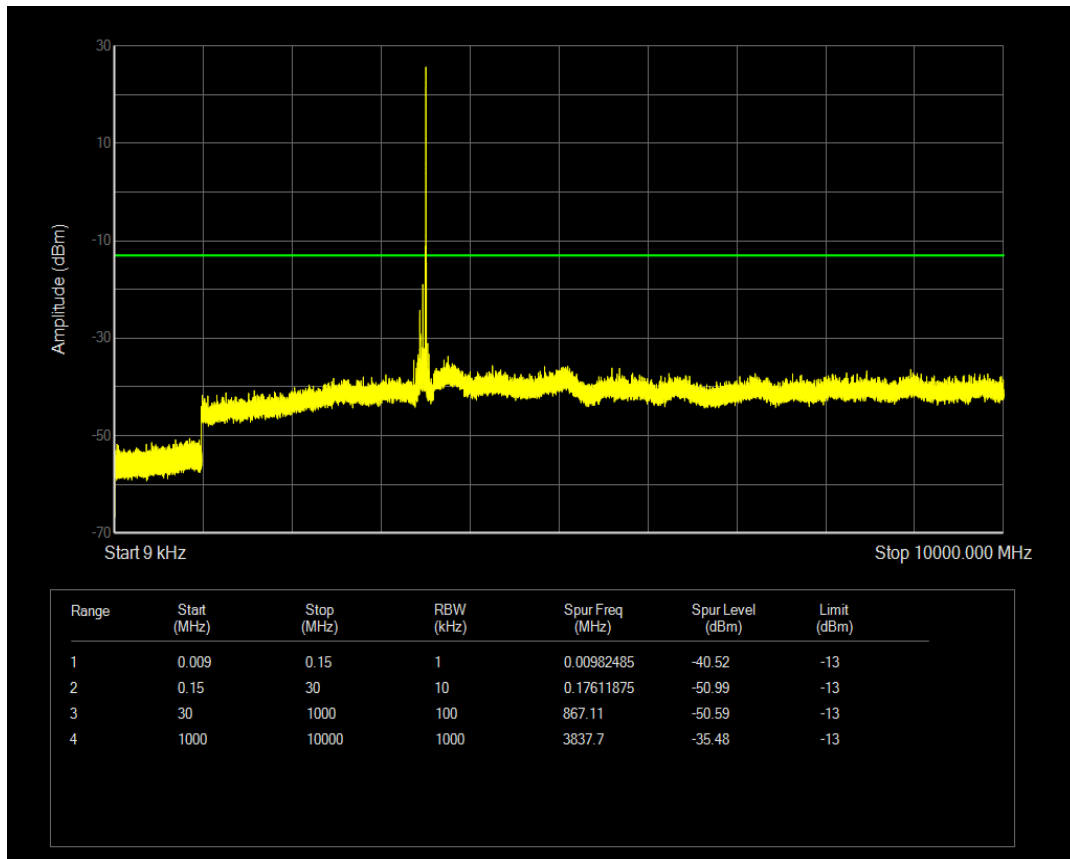
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=180@0



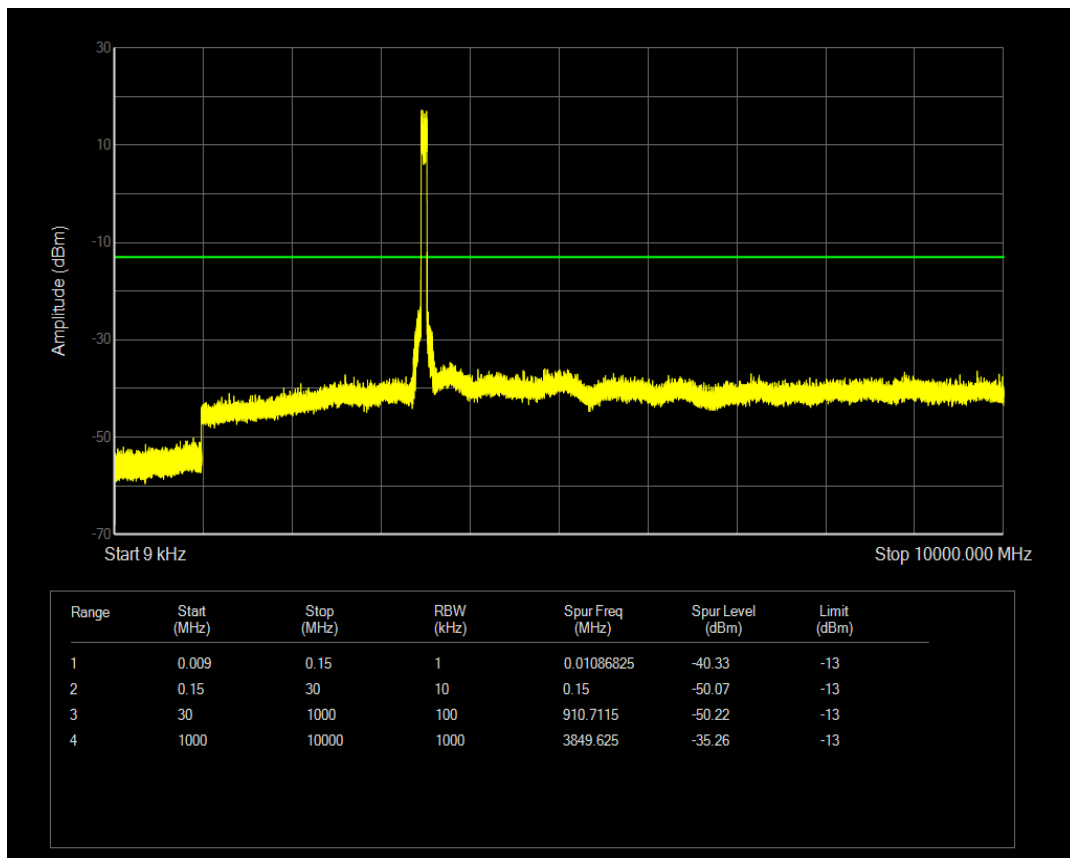
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=1@0



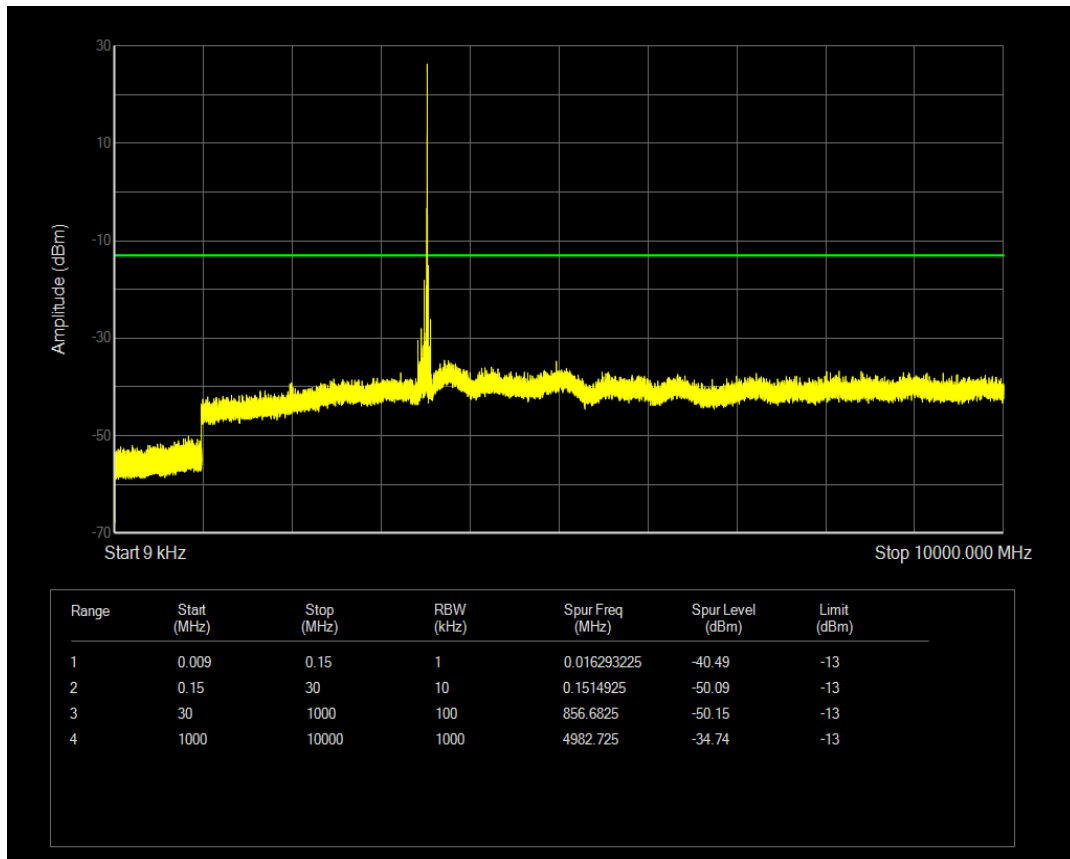
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=632334 RB=1@188



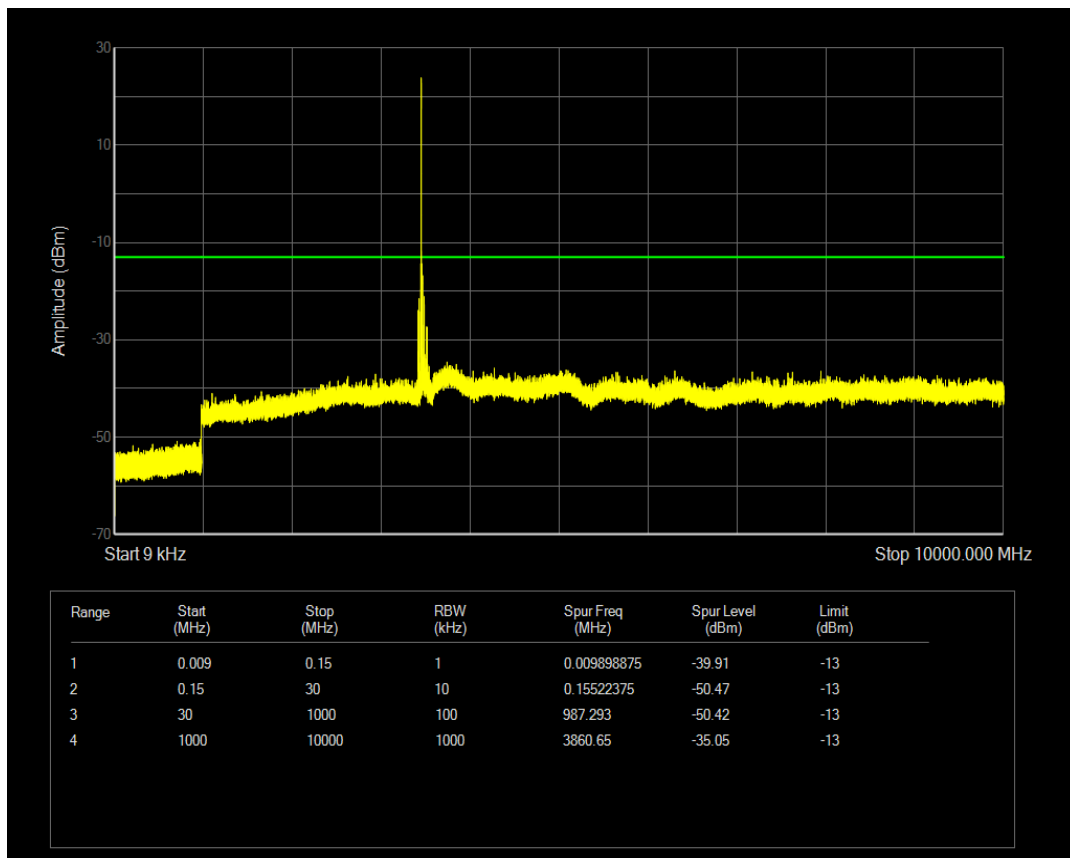
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=180@0



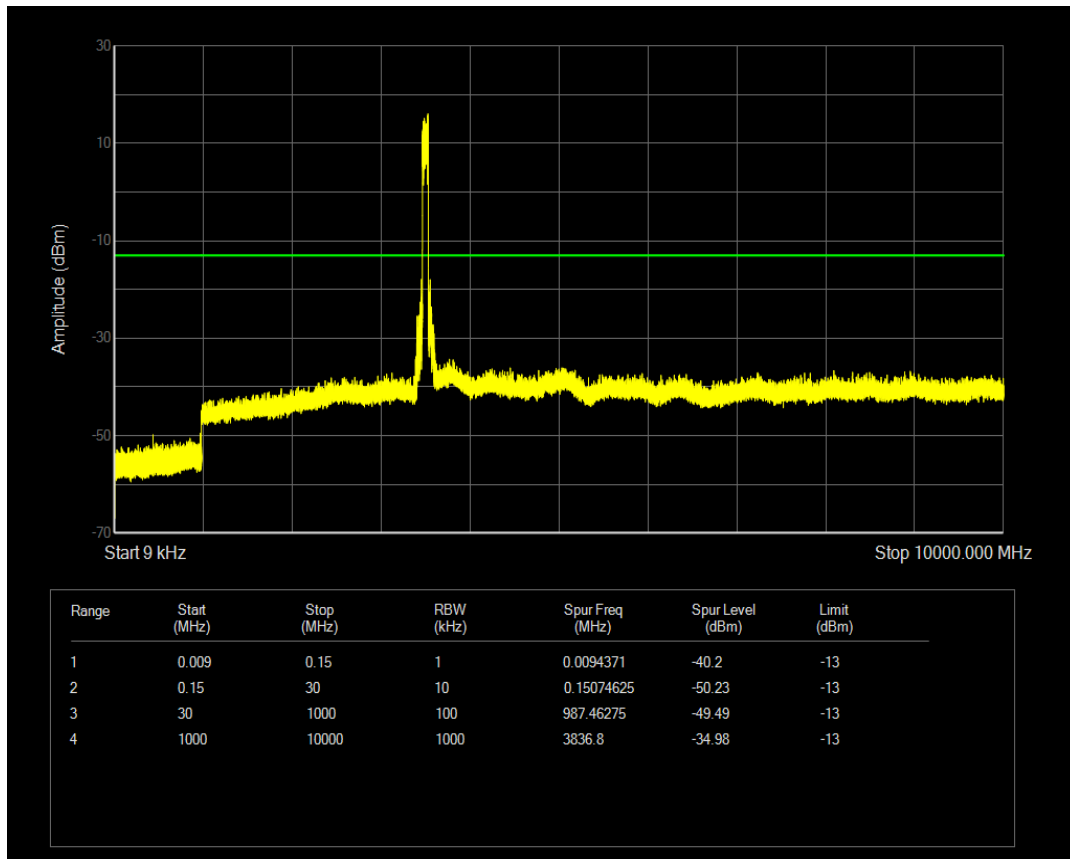
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=1@188



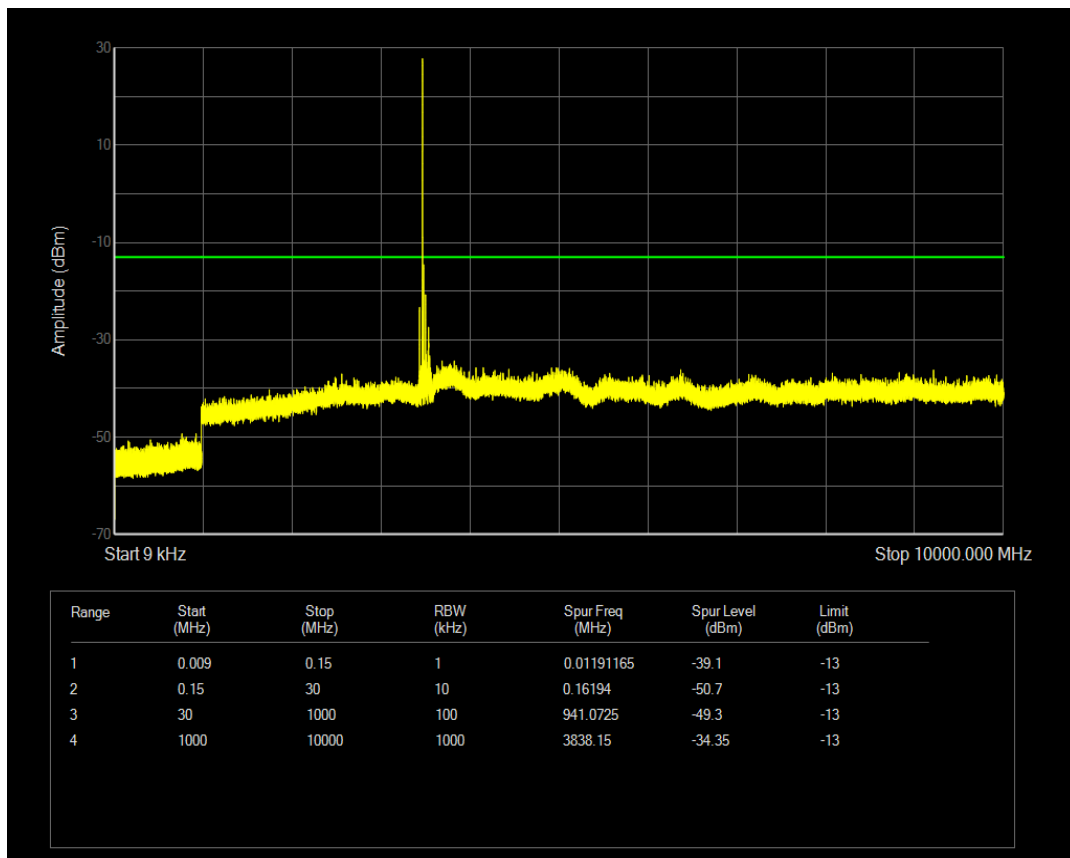
n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=180@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=1@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=634332 RB=1@188

