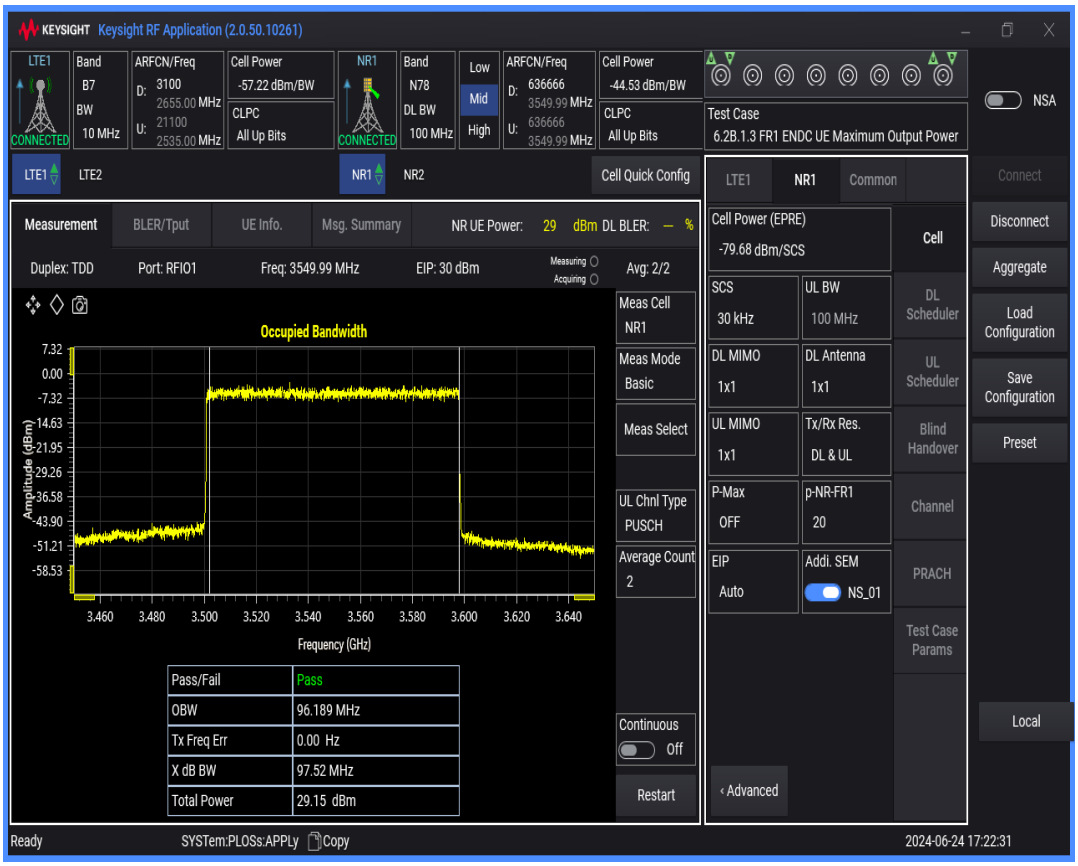
n78 SCS=30kHz DFT_QPSK BW=100MHz Channel=636666 RB=270@0



n78 SCS=30kHz DFT_QPSK BW=10MHz Channel=636666 RB=24@0

n78 SCS=30kHz DFT_QPSK BW=15MHz Channel=636666 RB=36@0

n78 SCS=30kHz DFT_QPSK BW=20MHz Channel=636666 RB=50@0

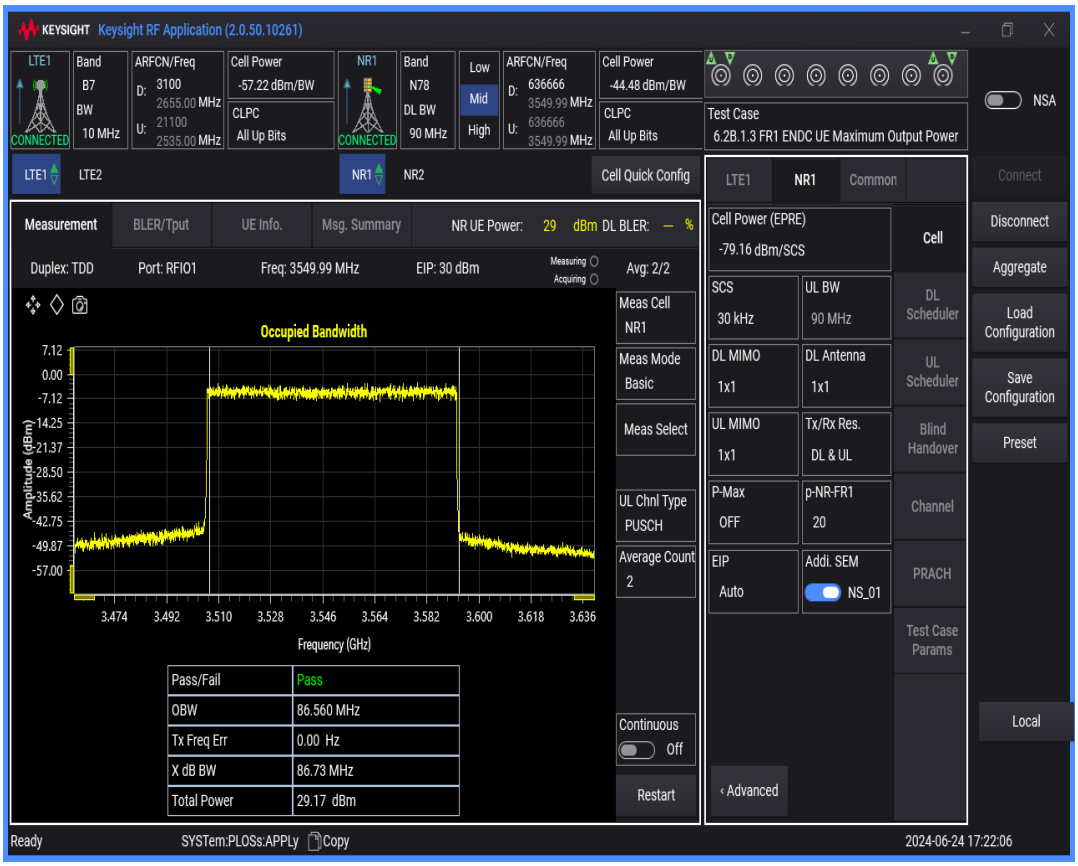
n78 SCS=30kHz DFT_QPSK BW=40MHz Channel=636666 RB=100@0

n78 SCS=30kHz DFT_QPSK BW=50MHz Channel=636666 RB=128@0

n78 SCS=30kHz DFT_QPSK BW=60MHz Channel=636666 RB=162@0

n78 SCS=30kHz DFT_QPSK BW=80MHz Channel=636666 RB=216@0

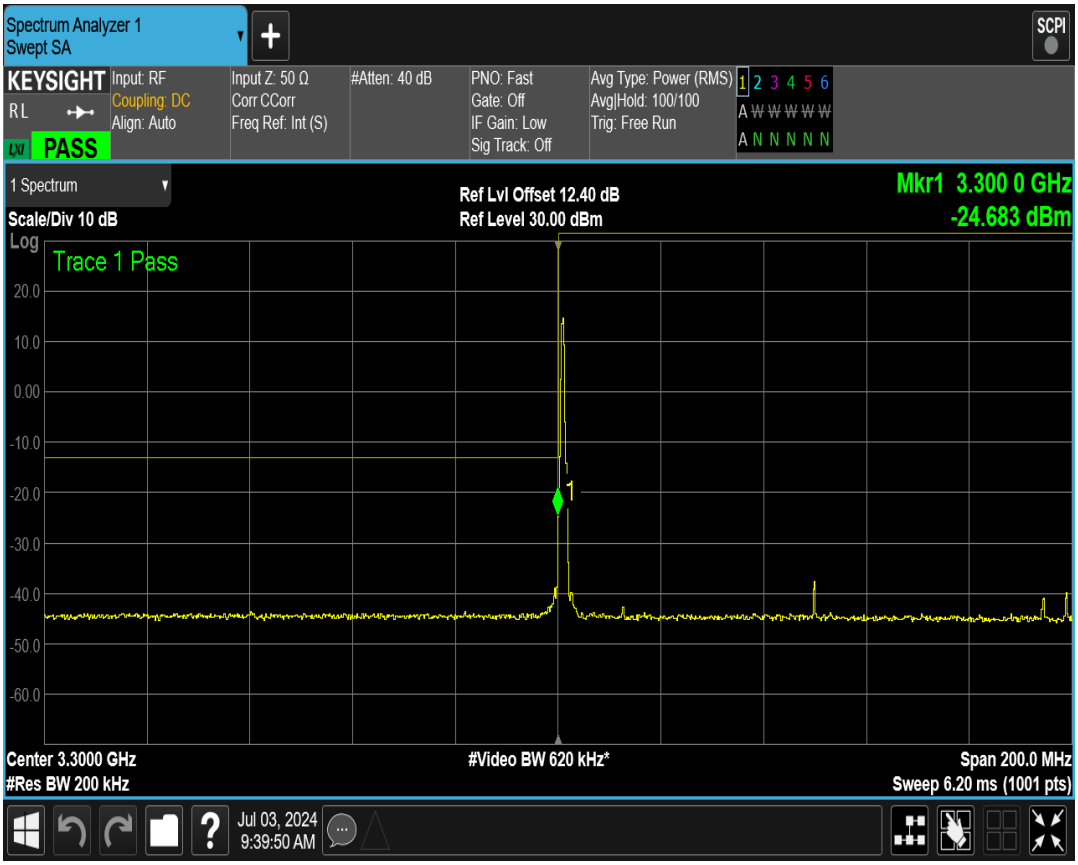
n78 SCS=30kHz DFT_QPSK BW=90MHz Channel=636666 RB=240@0



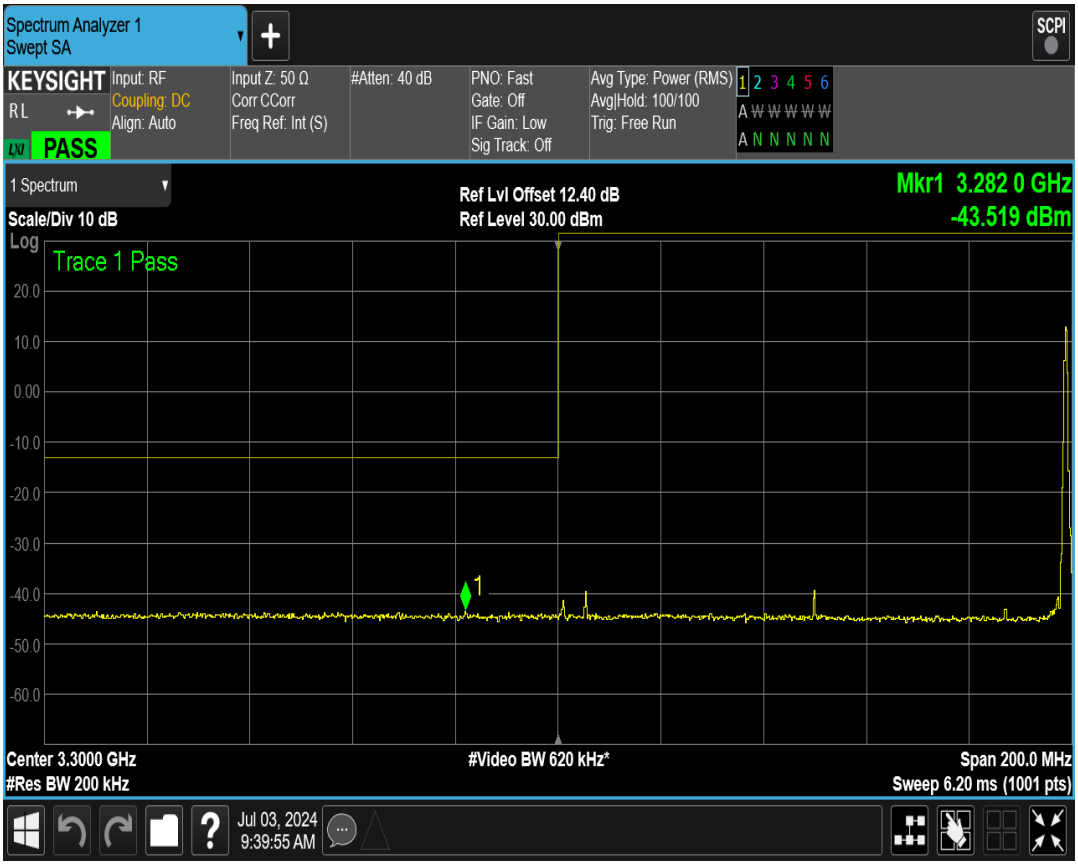
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78	30	10	620334	24@0	CP_QPSK	3299.76	-38.06	-13	PASS
n78	30	10	620334	1@0	CP_QPSK	3299.88	-33.77	-13	PASS
n78	30	10	620334	1@23	CP_QPSK	3294.38	-42.41	-13	PASS
n78	30	10	653000	24@0	CP_QPSK	3800.56	-39.07	-13	PASS
n78	30	10	653000	1@0	CP_QPSK	3807.98	-39.19	-13	PASS
n78	30	10	653000	1@23	CP_QPSK	3800.00	-30.71	-13	PASS
n78	30	50	621668	133@0	CP_QPSK	3297.20	-35.96	-13	PASS
n78	30	50	621668	1@0	CP_QPSK	3300.00	-35.20	-13	PASS
n78	30	50	621668	1@132	CP_QPSK	3287.50	-43.87	-13	PASS
n78	30	50	651666	133@0	CP_QPSK	3808.10	-33.87	-13	PASS
n78	30	50	651666	1@0	CP_QPSK	3812.60	-39.34	-13	PASS
n78	30	50	651666	1@132	CP_QPSK	3800.00	-33.60	-13	PASS
n78	30	100	623334	273@0	CP_QPSK	3300.00	-23.41	-13	PASS
n78	30	100	623334	1@0	CP_QPSK	3300.00	-24.68	-13	PASS
n78	30	100	623334	1@272	CP_QPSK	3282.00	-43.51	-13	PASS
n78	30	100	650000	273@0	CP_QPSK	3800.00	-16.46	-13	PASS
n78	30	100	650000	1@0	CP_QPSK	3836.60	-39.40	-13	PASS
n78	30	100	650000	1@272	CP_QPSK	3800.00	-32.19	-13	PASS

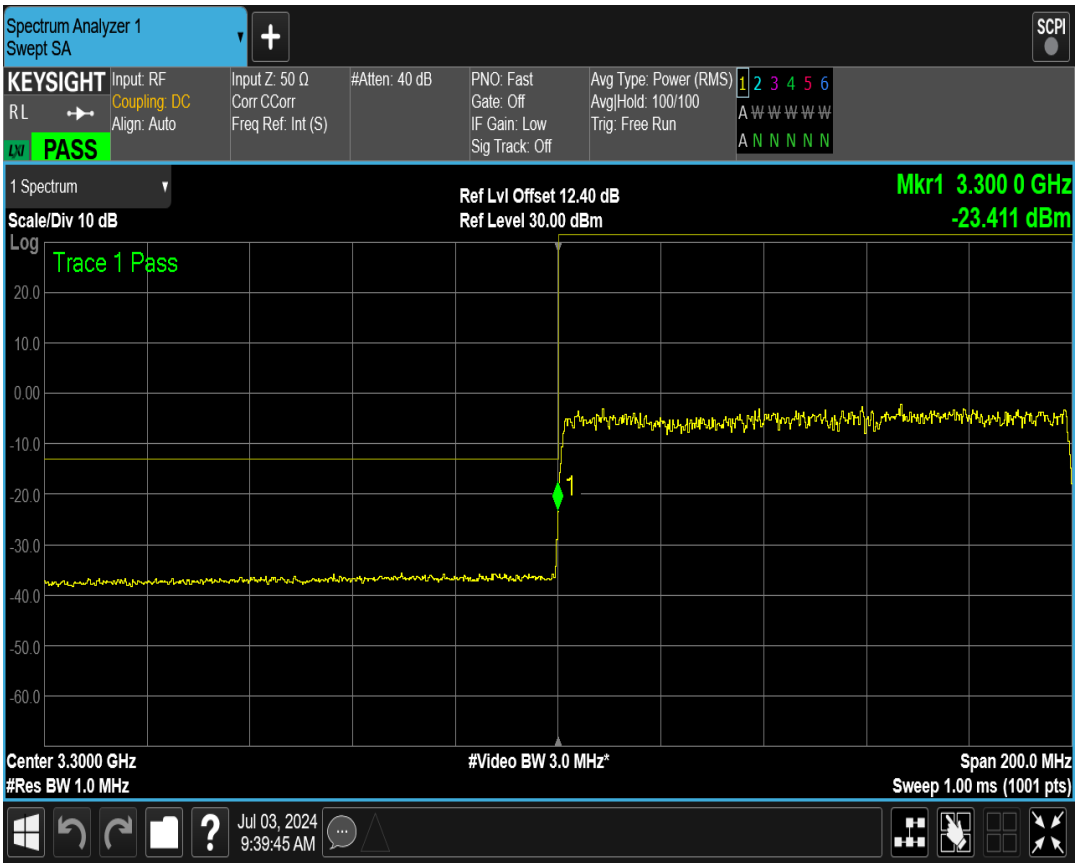
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0



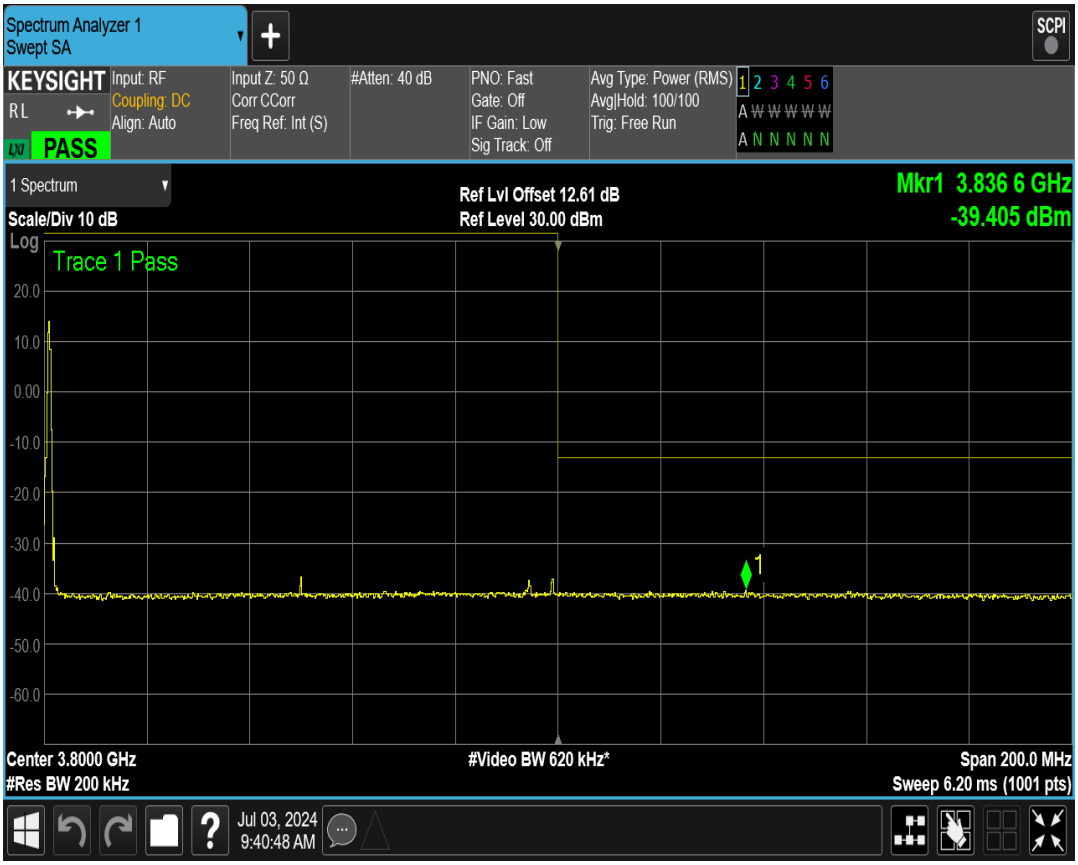
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0

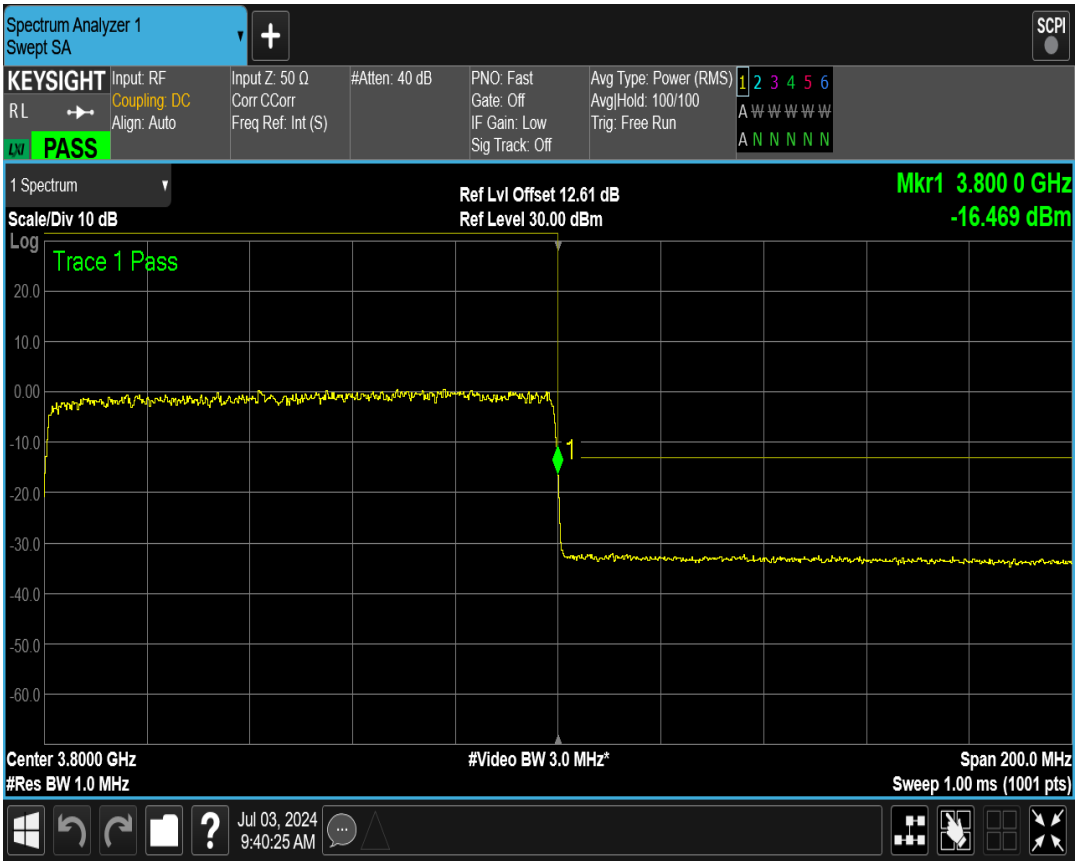


n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0



n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@272

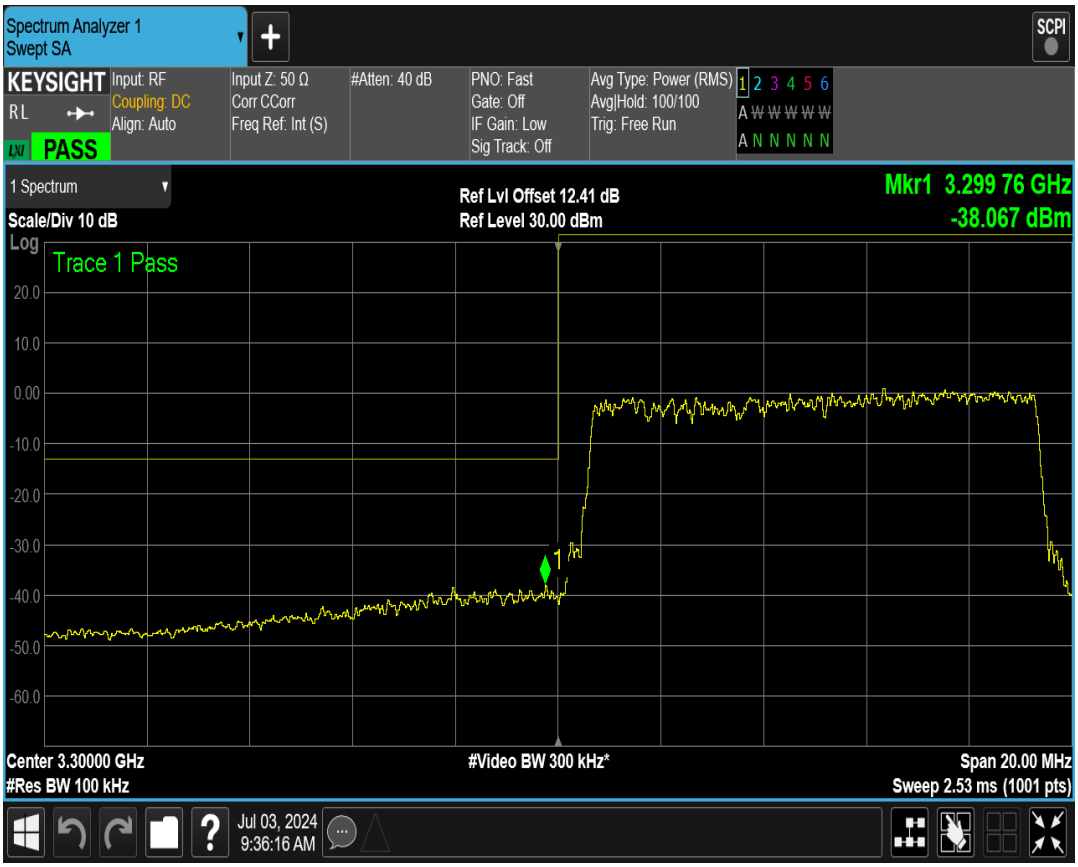
n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0

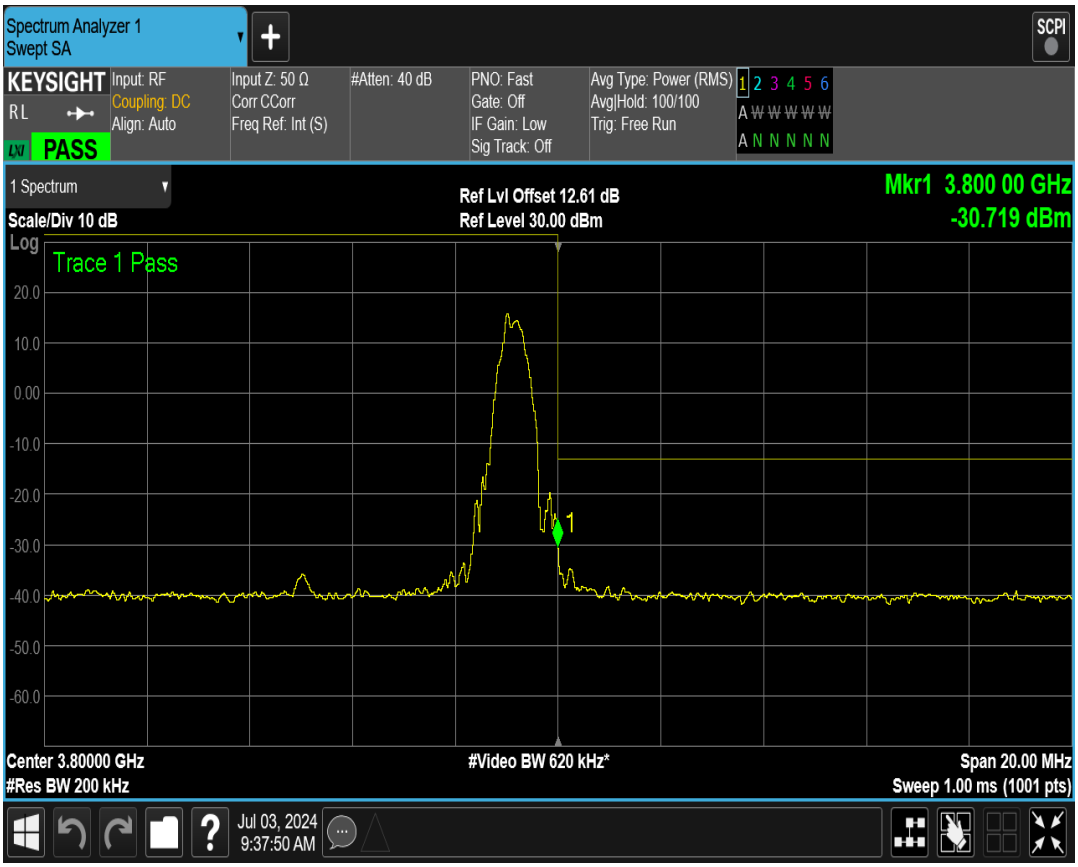
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0

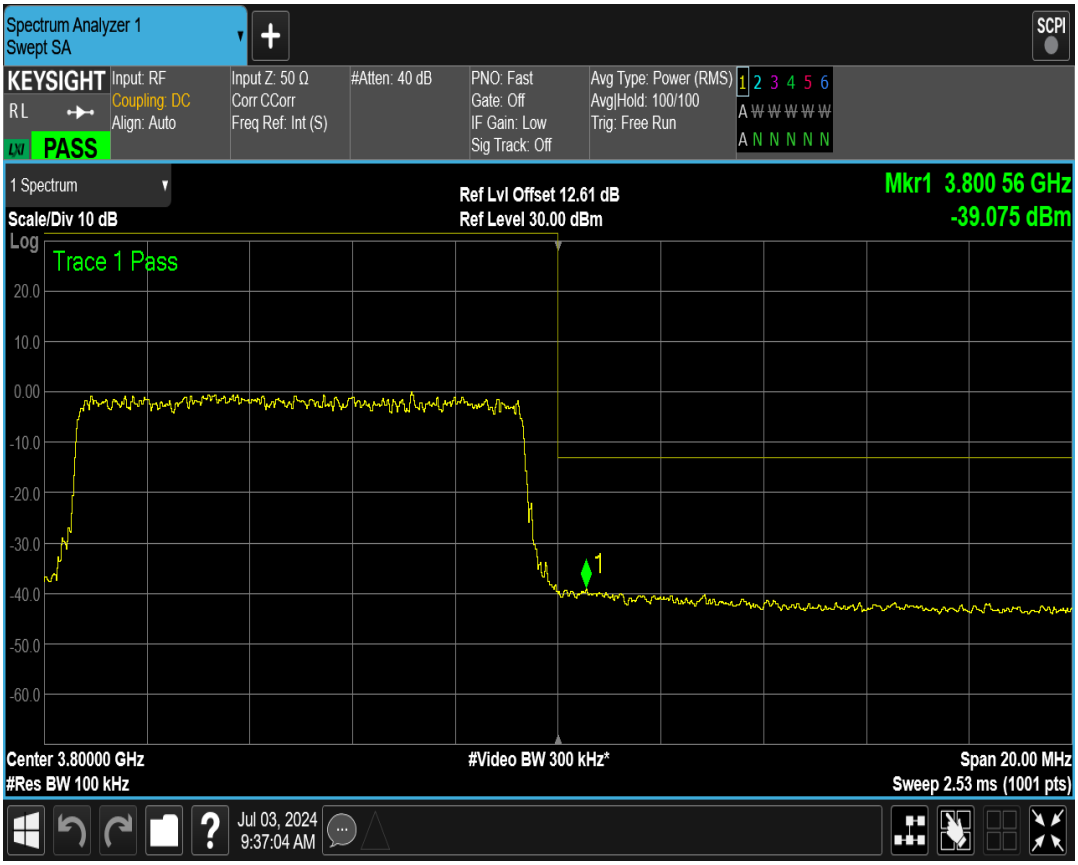


n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@0

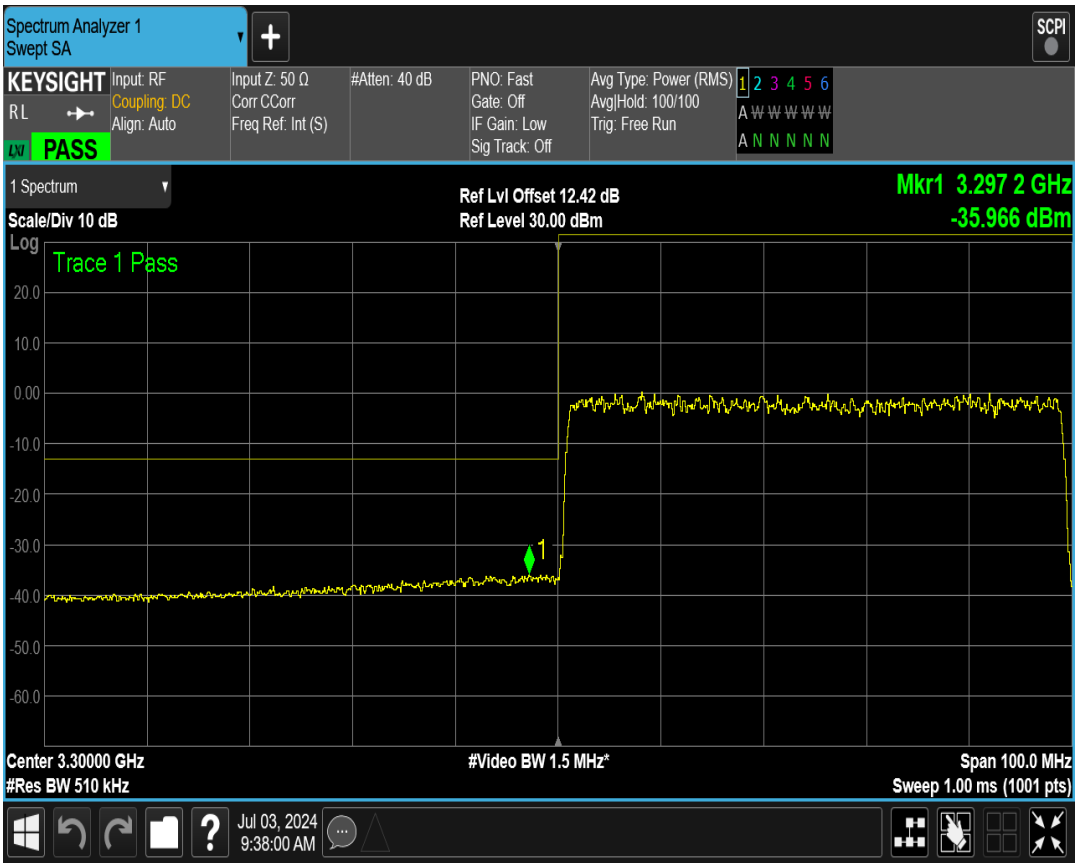
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@23



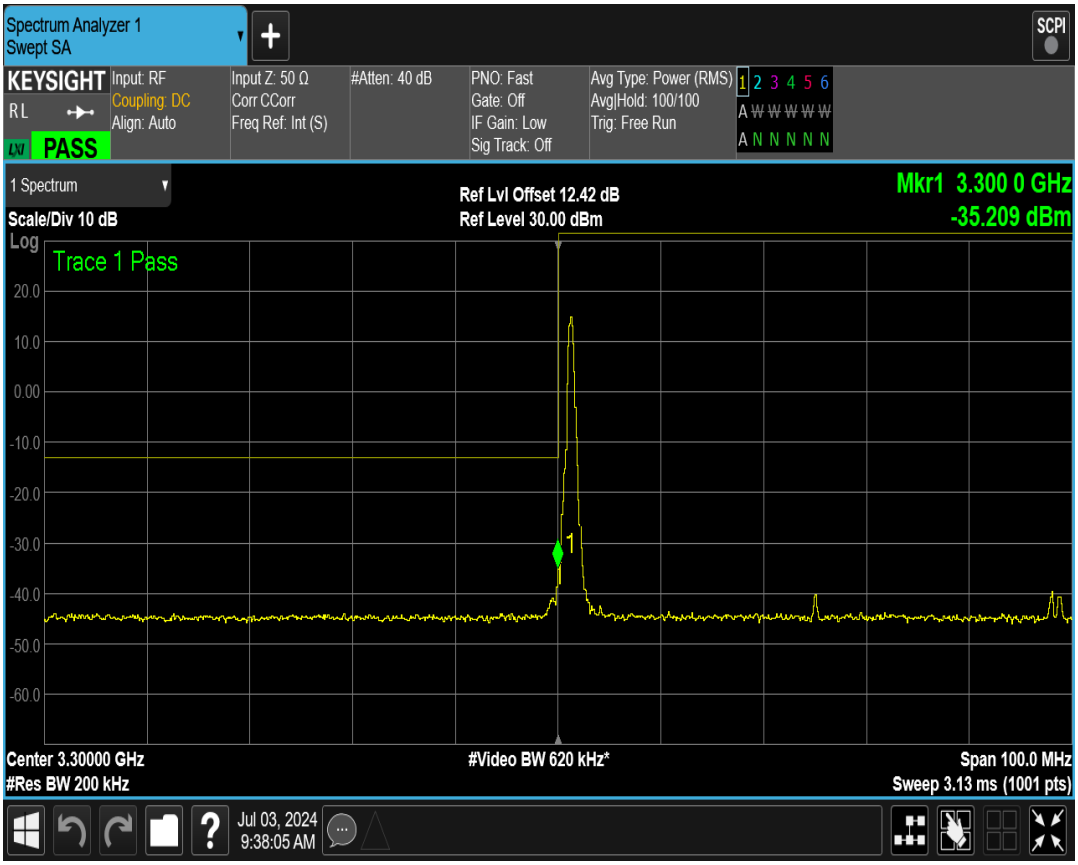
n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=24@0



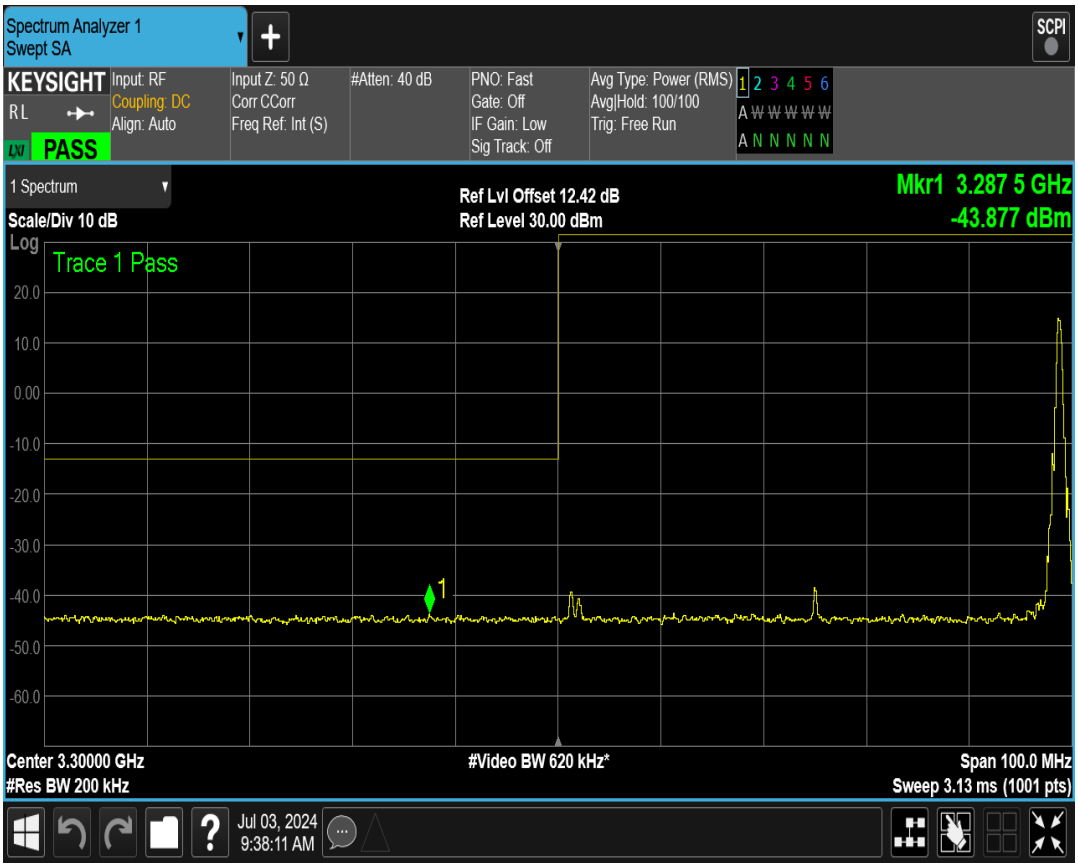
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



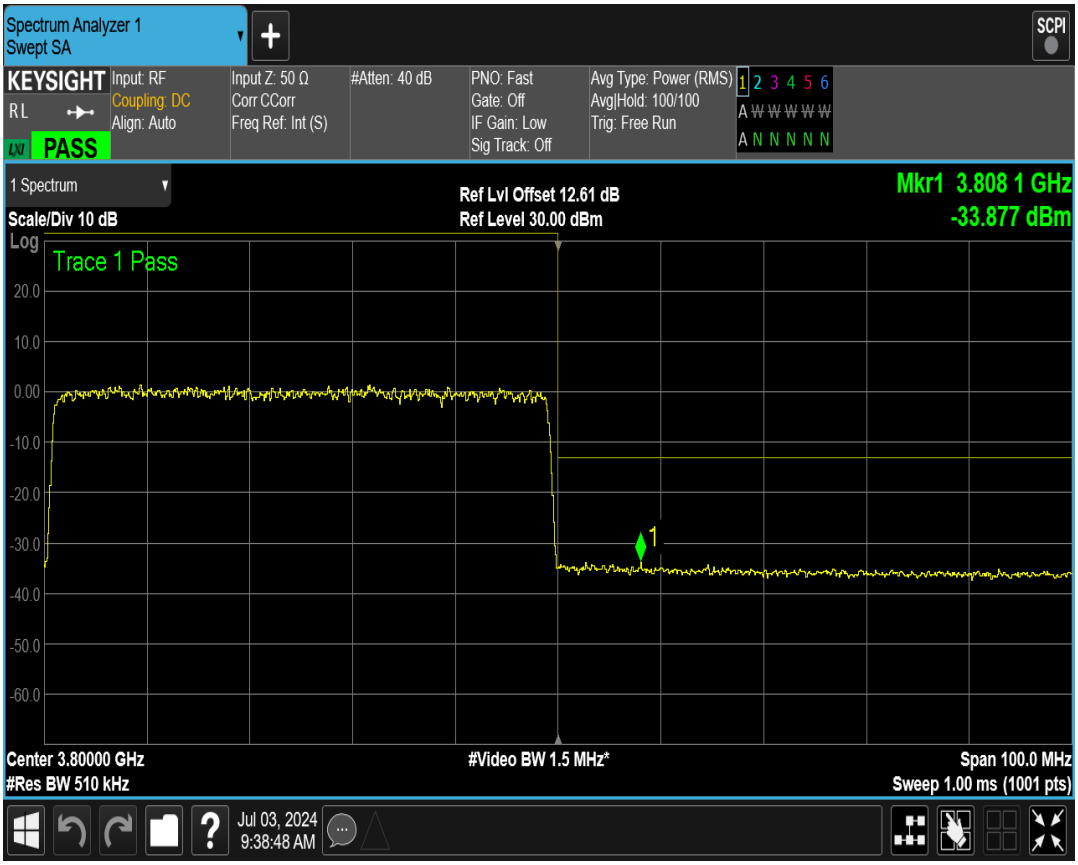
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132

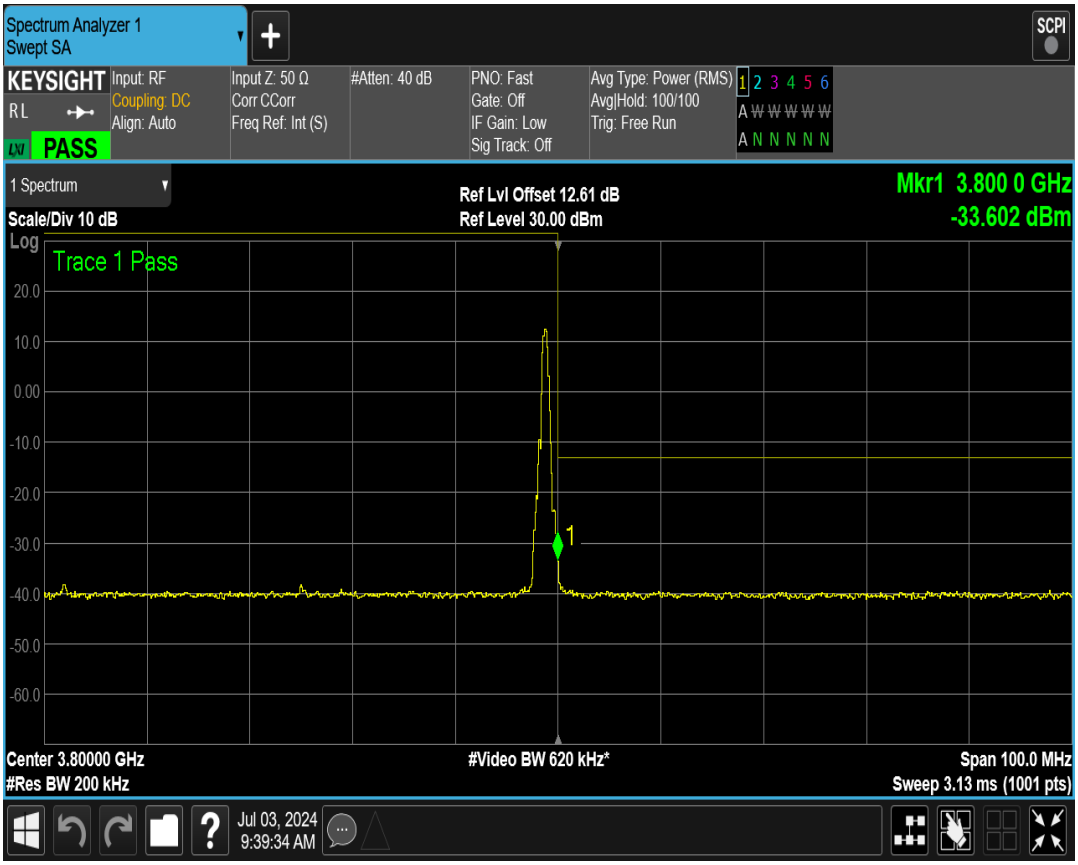


n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=133@0



n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@0

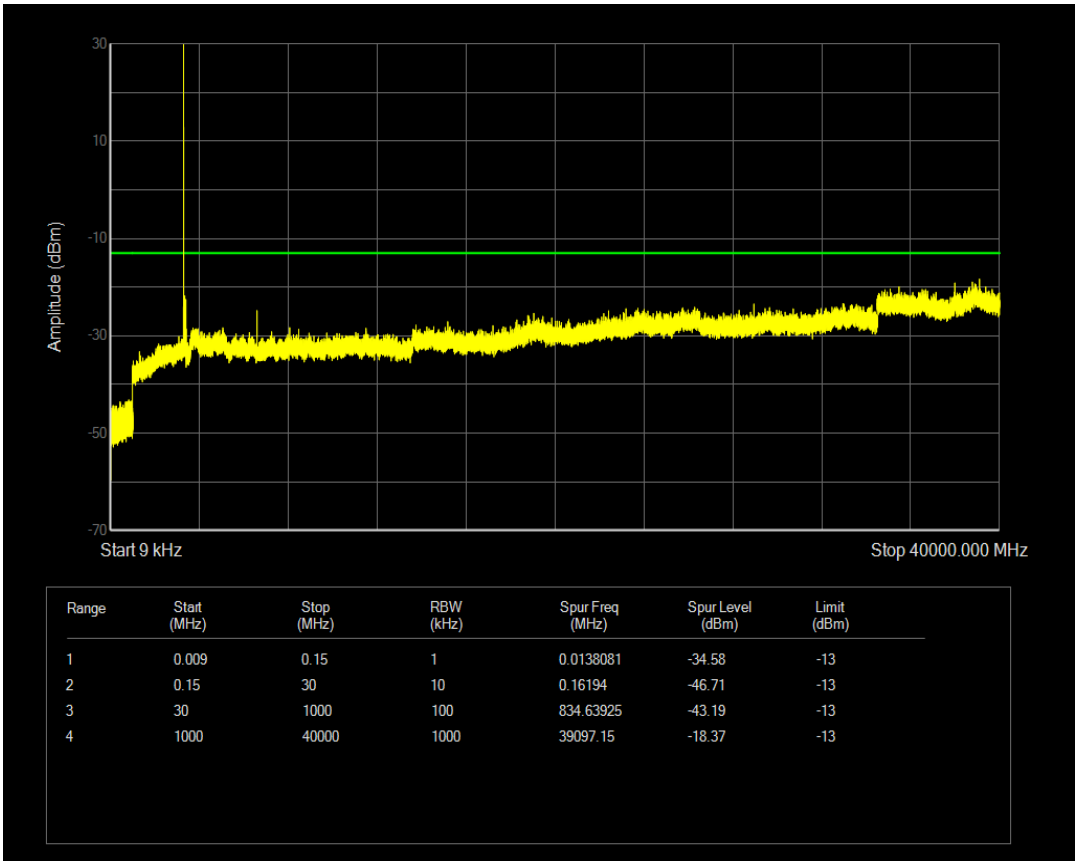
n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@132



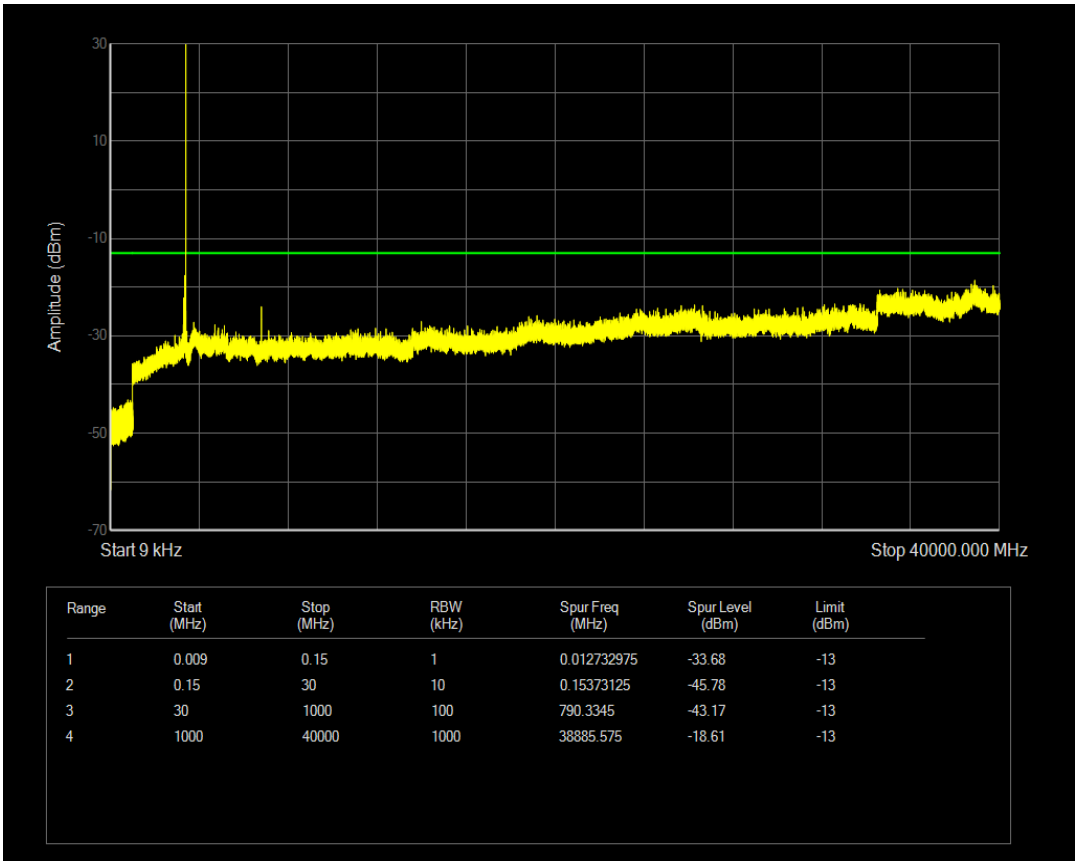
6 Out-of-band emissions for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78	30	10	620334	24@0	CP_QPSK	38839.75	-18.95	-13	PASS
n78	30	10	620334	1@0	CP_QPSK	39033.78	-18.32	-13	PASS
n78	30	10	620334	1@23	CP_QPSK	38821.23	-17.98	-13	PASS
n78	30	10	653000	24@0	CP_QPSK	38961.63	-19.13	-13	PASS
n78	30	10	653000	1@0	CP_QPSK	39020.13	-18.75	-13	PASS
n78	30	10	653000	1@23	CP_QPSK	39198.55	-19.27	-13	PASS
n78	30	50	621668	133@0	CP_QPSK	38907.03	-18.70	-13	PASS
n78	30	50	621668	1@0	CP_QPSK	38895.33	-18.80	-13	PASS
n78	30	50	621668	1@132	CP_QPSK	38483.88	-19.76	-13	PASS
n78	30	50	651666	133@0	CP_QPSK	38927.50	-19.52	-13	PASS
n78	30	50	651666	1@0	CP_QPSK	36557.28	-18.69	-13	PASS
n78	30	50	651666	1@132	CP_QPSK	38849.50	-17.89	-13	PASS
n78	30	100	623334	273@0	CP_QPSK	38948.95	-19.23	-13	PASS
n78	30	100	623334	1@0	CP_QPSK	39097.15	-18.37	-13	PASS
n78	30	100	623334	1@272	CP_QPSK	38885.58	-18.61	-13	PASS
n78	30	100	650000	273@0	CP_QPSK	38835.85	-18.46	-13	PASS
n78	30	100	650000	1@0	CP_QPSK	39114.70	-19.33	-13	PASS
n78	30	100	650000	1@272	CP_QPSK	39012.33	-18.54	-13	PASS

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@0

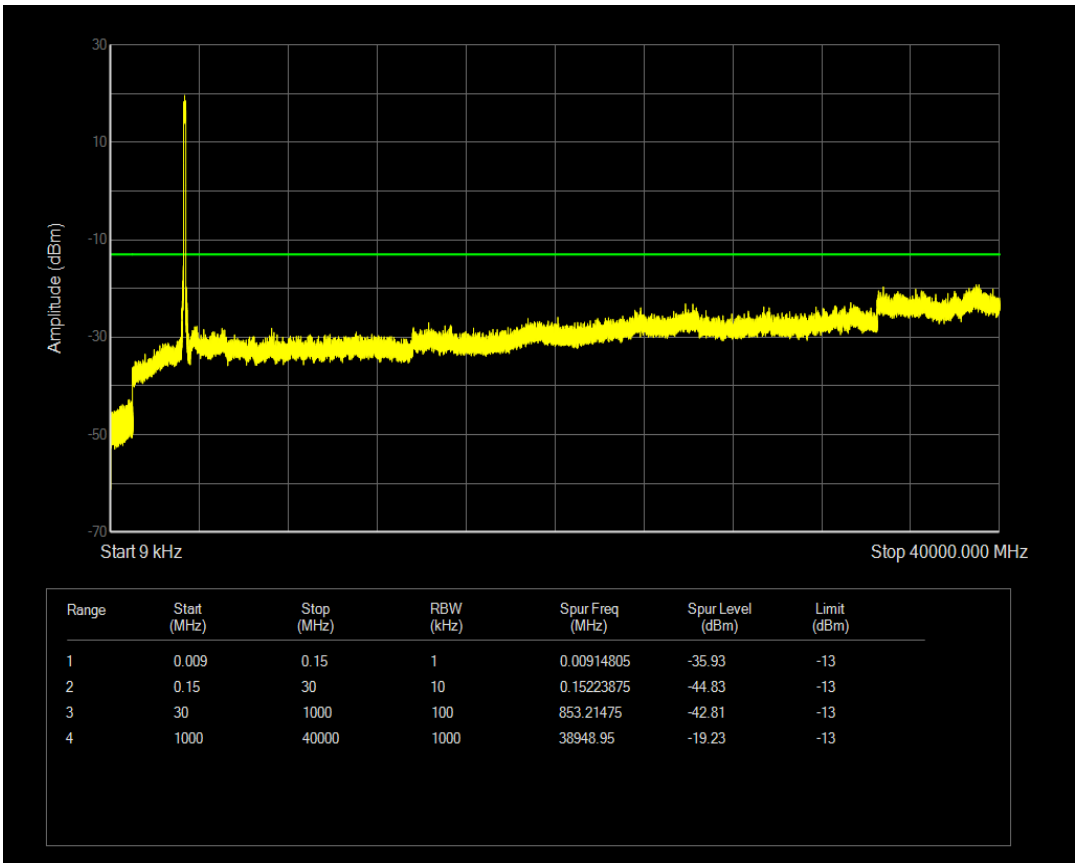


n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=1@272



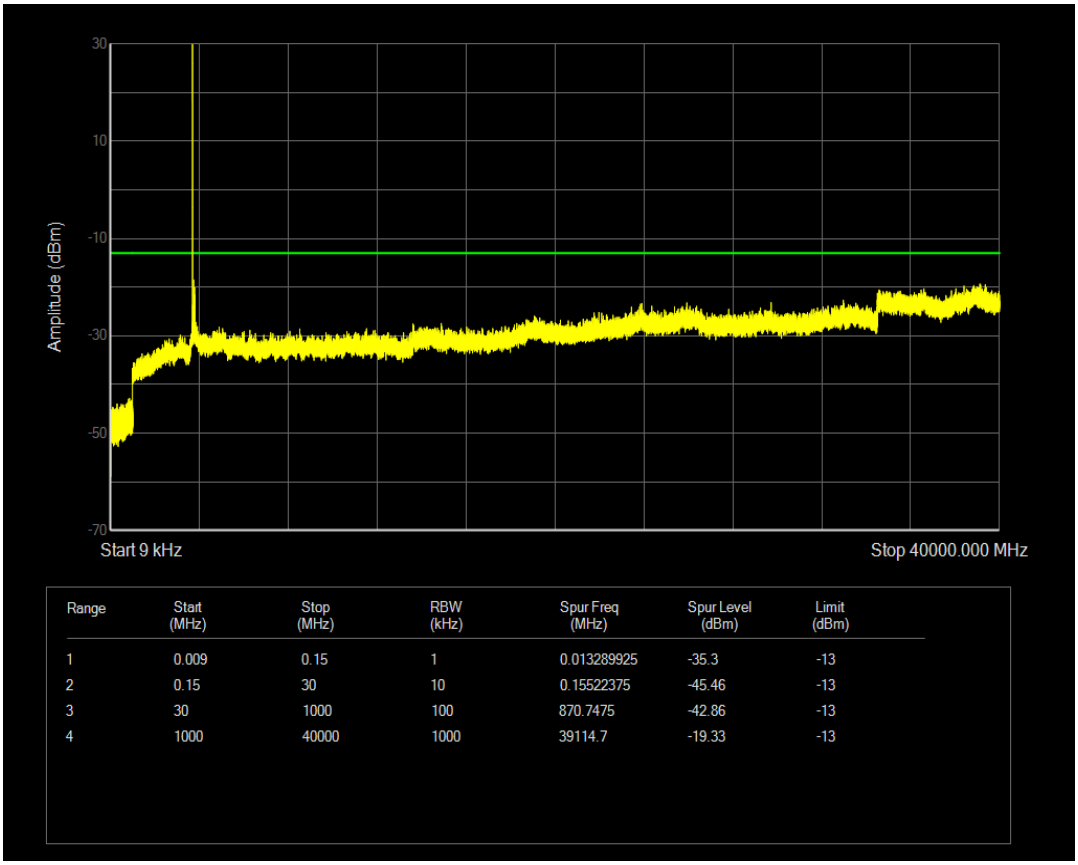
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012732975	-33.68	-13
2	0.15	30	10	0.15373125	-45.78	-13
3	30	1000	100	790.3345	-43.17	-13
4	1000	40000	1000	38885.575	-18.61	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=623334 RB=273@0



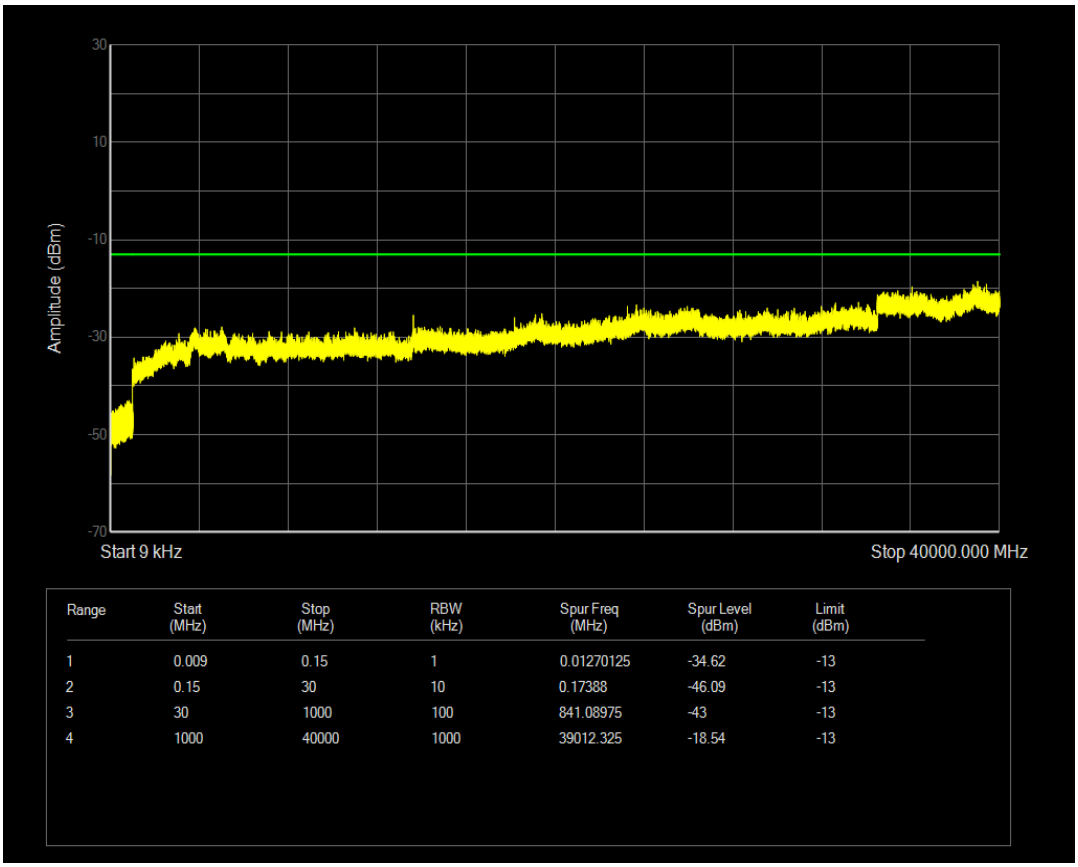
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00914805	-35.93	-13
2	0.15	30	10	0.15223875	-44.83	-13
3	30	1000	100	853.21475	-42.81	-13
4	1000	40000	1000	38948.95	-19.23	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@0



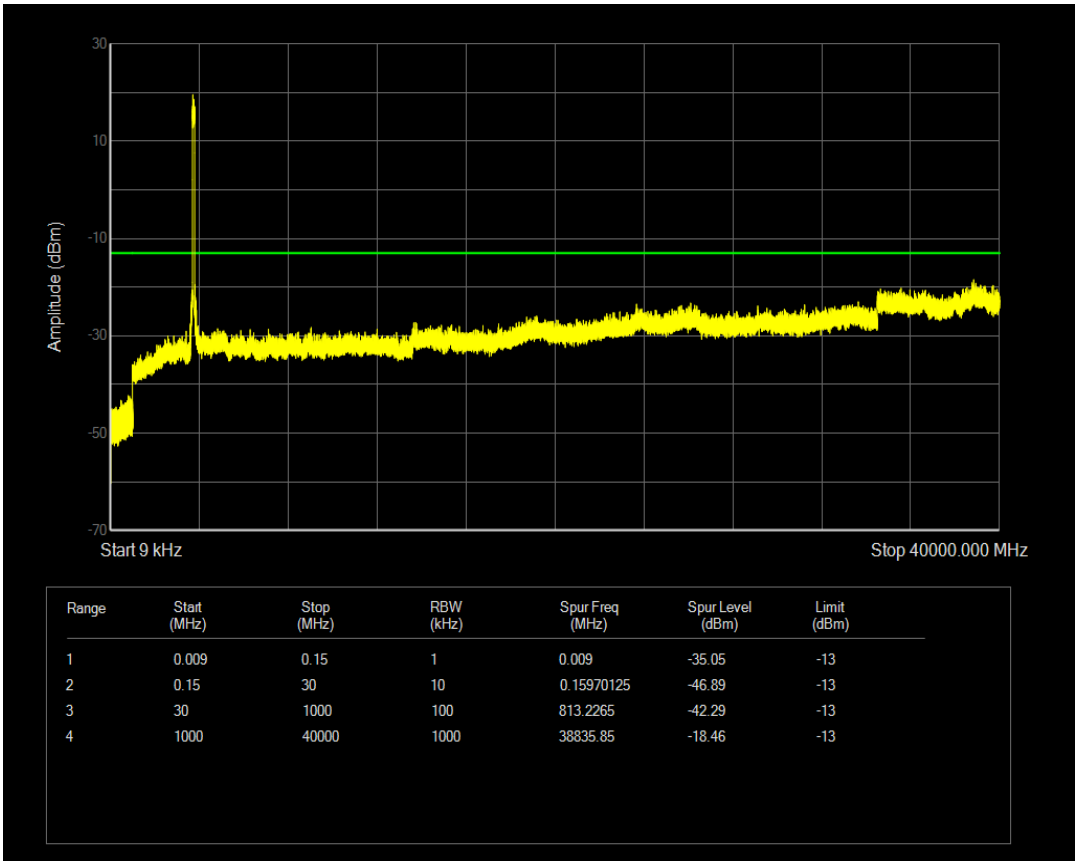
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013289925	-35.3	-13
2	0.15	30	10	0.15522375	-45.46	-13
3	30	1000	100	870.7475	-42.86	-13
4	1000	40000	1000	39114.7	-19.33	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=1@272



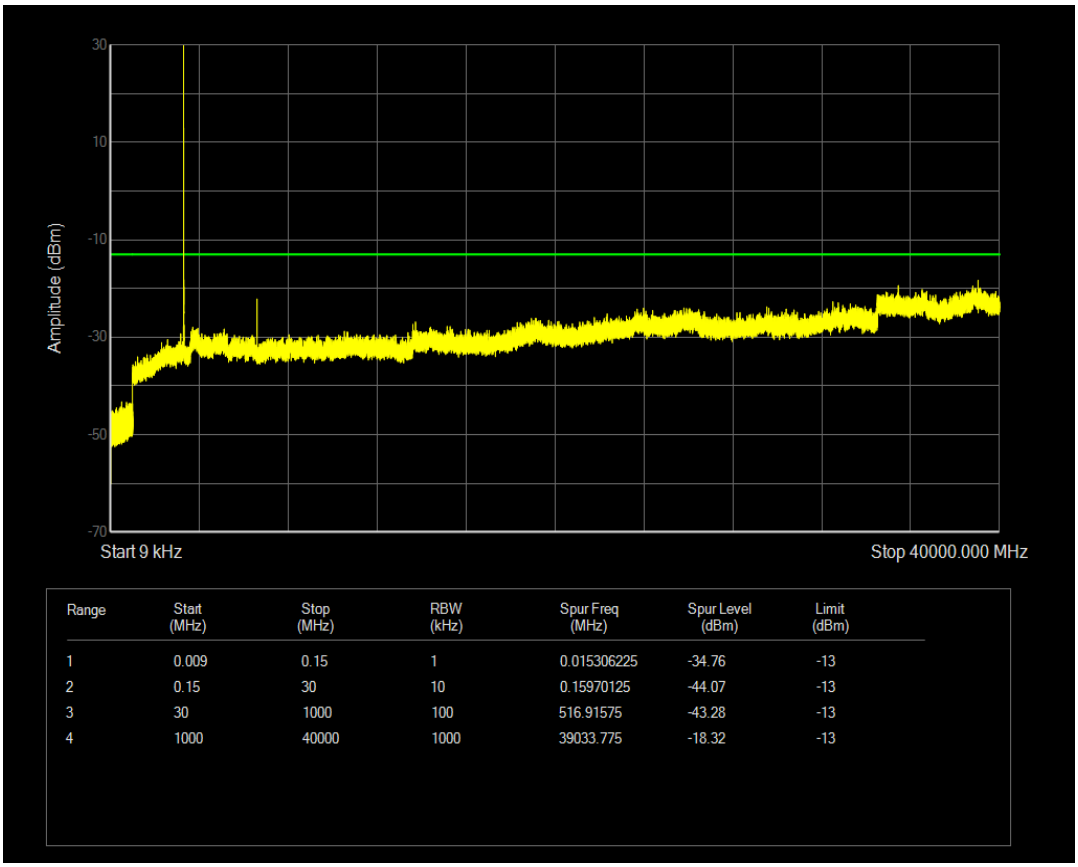
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01270125	-34.62	-13
2	0.15	30	10	0.17388	-46.09	-13
3	30	1000	100	841.08975	-43	-13
4	1000	40000	1000	39012.325	-18.54	-13

n78 SCS=30kHz CP_QPSK BW=100MHz Channel=650000 RB=273@0



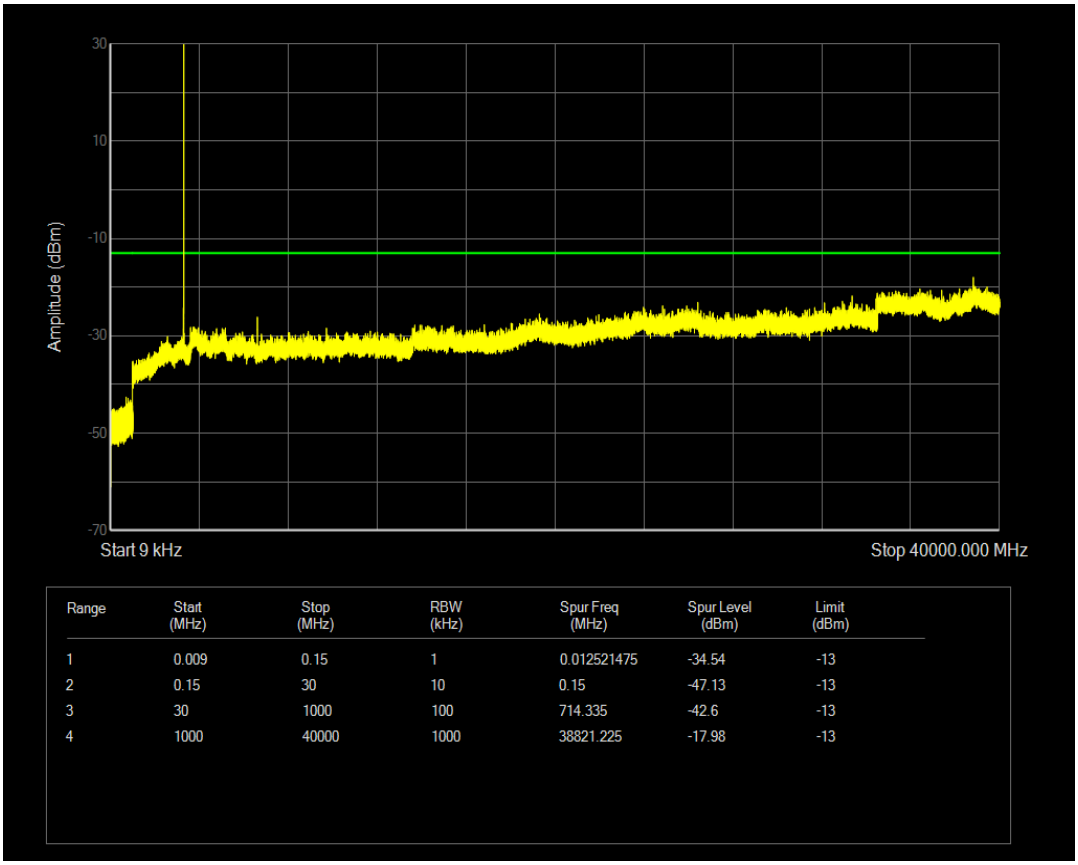
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-35.05	-13
2	0.15	30	10	0.15970125	-46.89	-13
3	30	1000	100	813.2265	-42.29	-13
4	1000	40000	1000	38835.85	-18.46	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@0



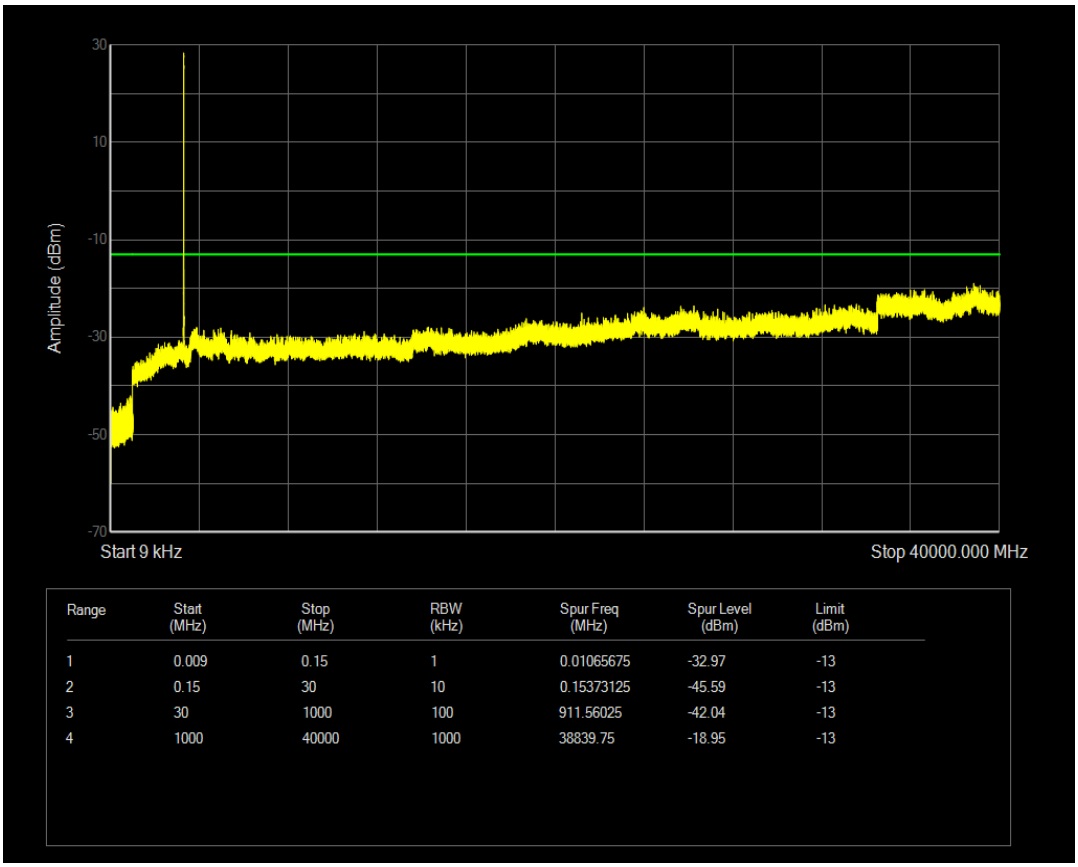
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.015306225	-34.76	-13
2	0.15	30	10	0.15970125	-44.07	-13
3	30	1000	100	516.91575	-43.28	-13
4	1000	40000	1000	39033.775	-18.32	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=1@23



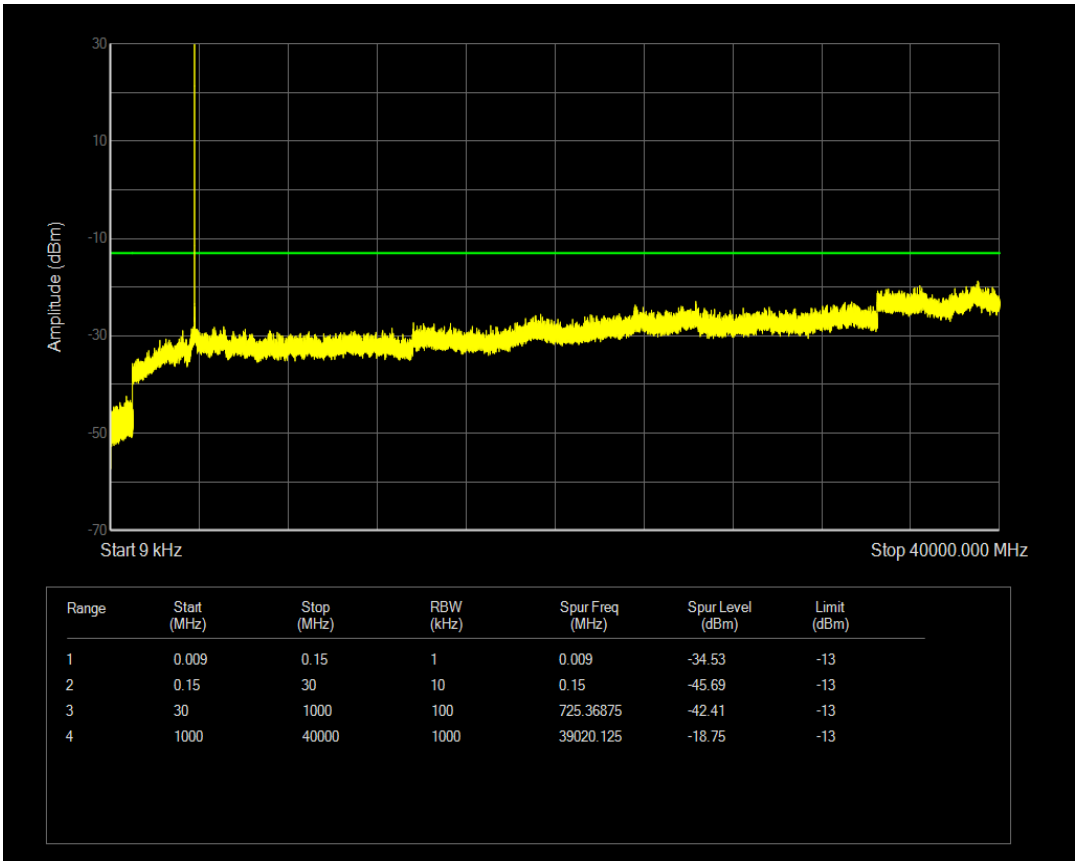
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012521475	-34.54	-13
2	0.15	30	10	0.15	-47.13	-13
3	30	1000	100	714.335	-42.6	-13
4	1000	40000	1000	38821.225	-17.98	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=620334 RB=24@0



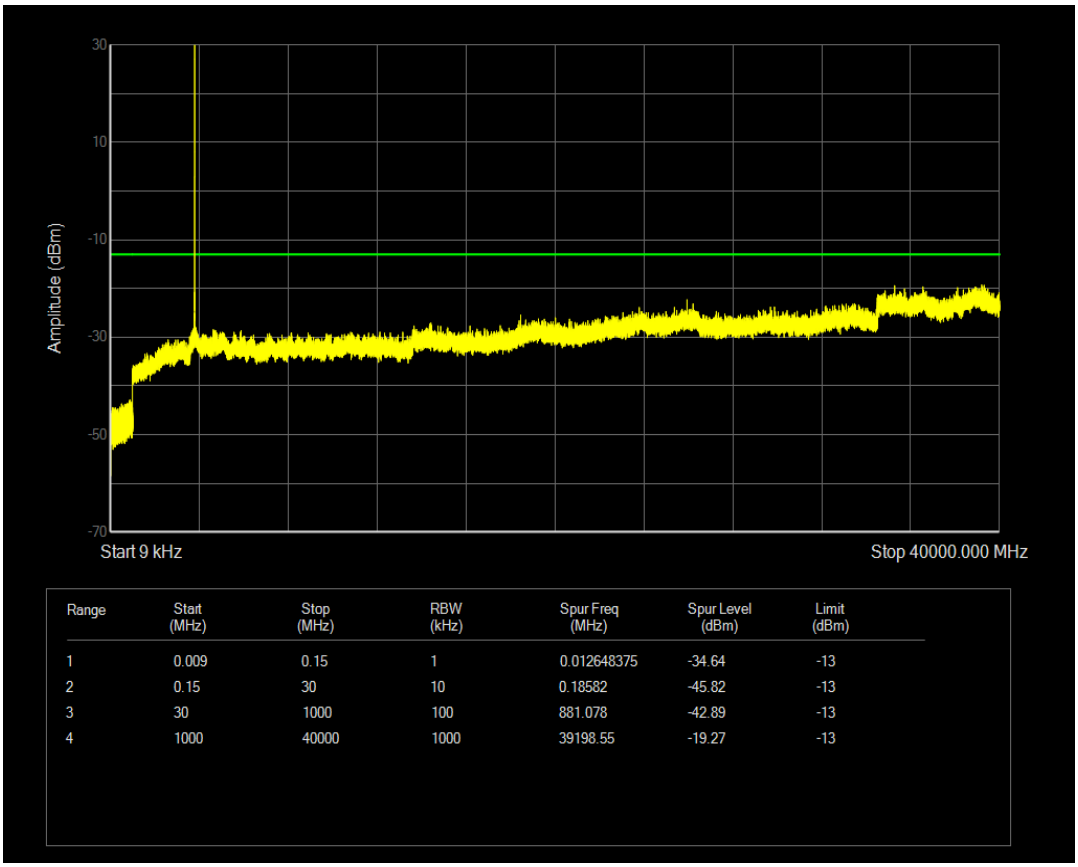
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01065675	-32.97	-13
2	0.15	30	10	0.15373125	-45.59	-13
3	30	1000	100	911.56025	-42.04	-13
4	1000	40000	1000	38839.75	-18.95	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@0



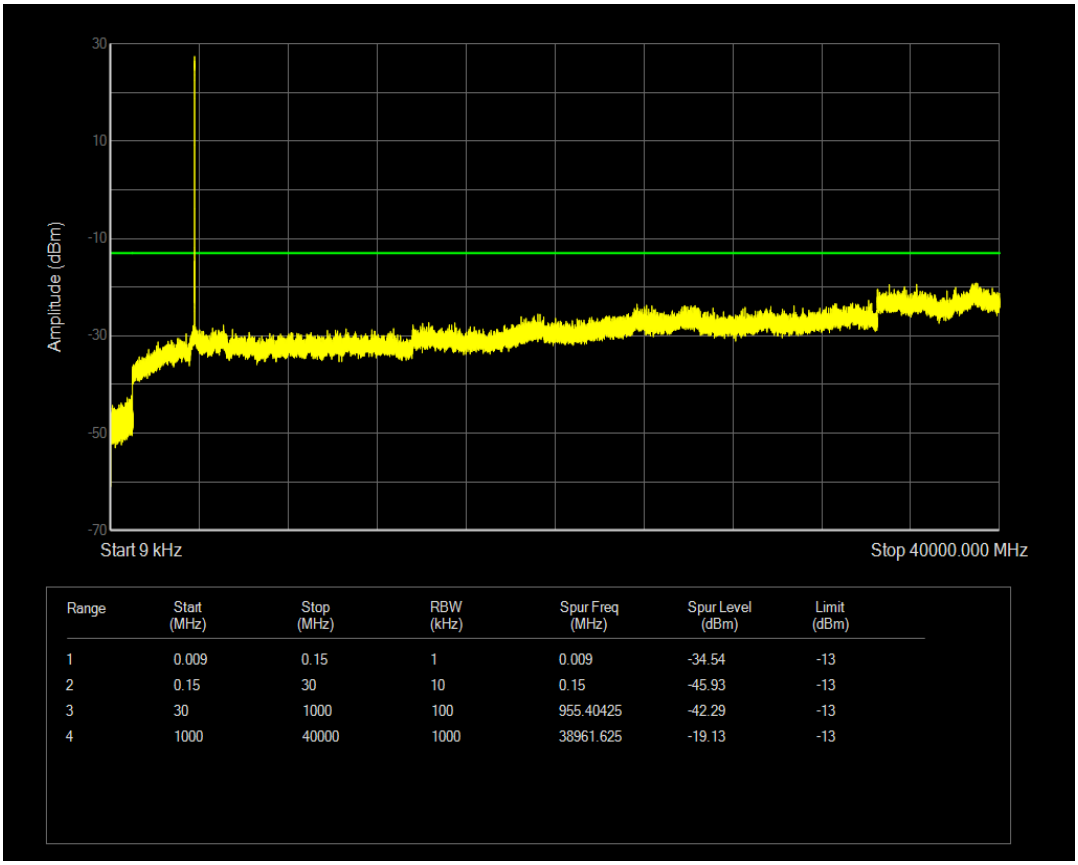
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-34.53	-13
2	0.15	30	10	0.15	-45.69	-13
3	30	1000	100	725.36875	-42.41	-13
4	1000	40000	1000	39020.125	-18.75	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=1@23



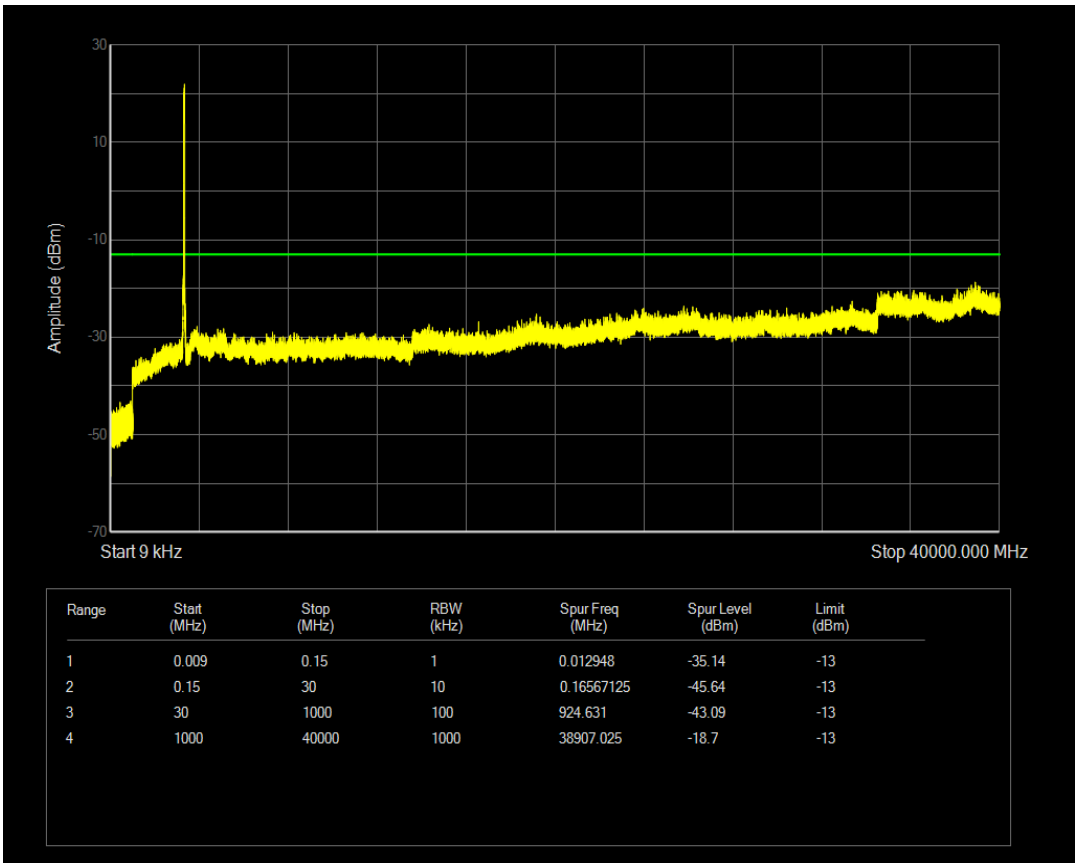
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012648375	-34.64	-13
2	0.15	30	10	0.18582	-45.82	-13
3	30	1000	100	881.078	-42.89	-13
4	1000	40000	1000	39198.55	-19.27	-13

n78 SCS=30kHz CP_QPSK BW=10MHz Channel=653000 RB=24@0



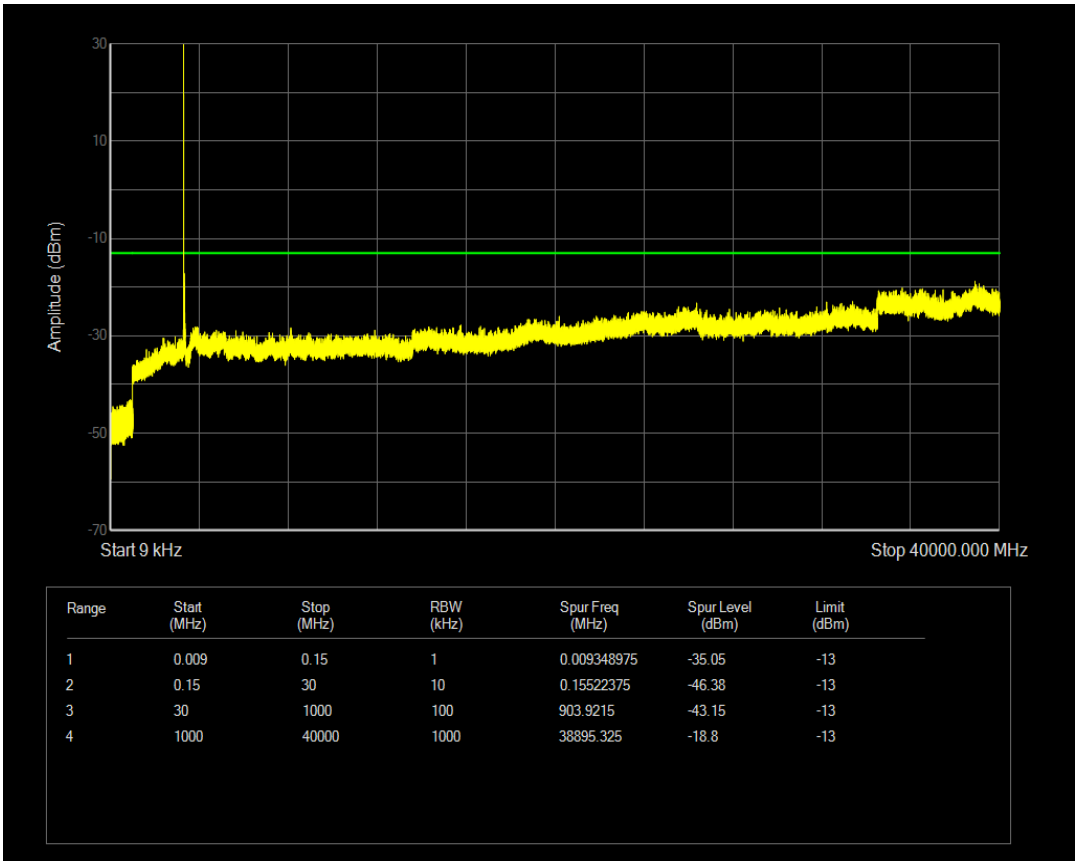
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-34.54	-13
2	0.15	30	10	0.15	-45.93	-13
3	30	1000	100	955.40425	-42.29	-13
4	1000	40000	1000	38961.625	-19.13	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=133@0



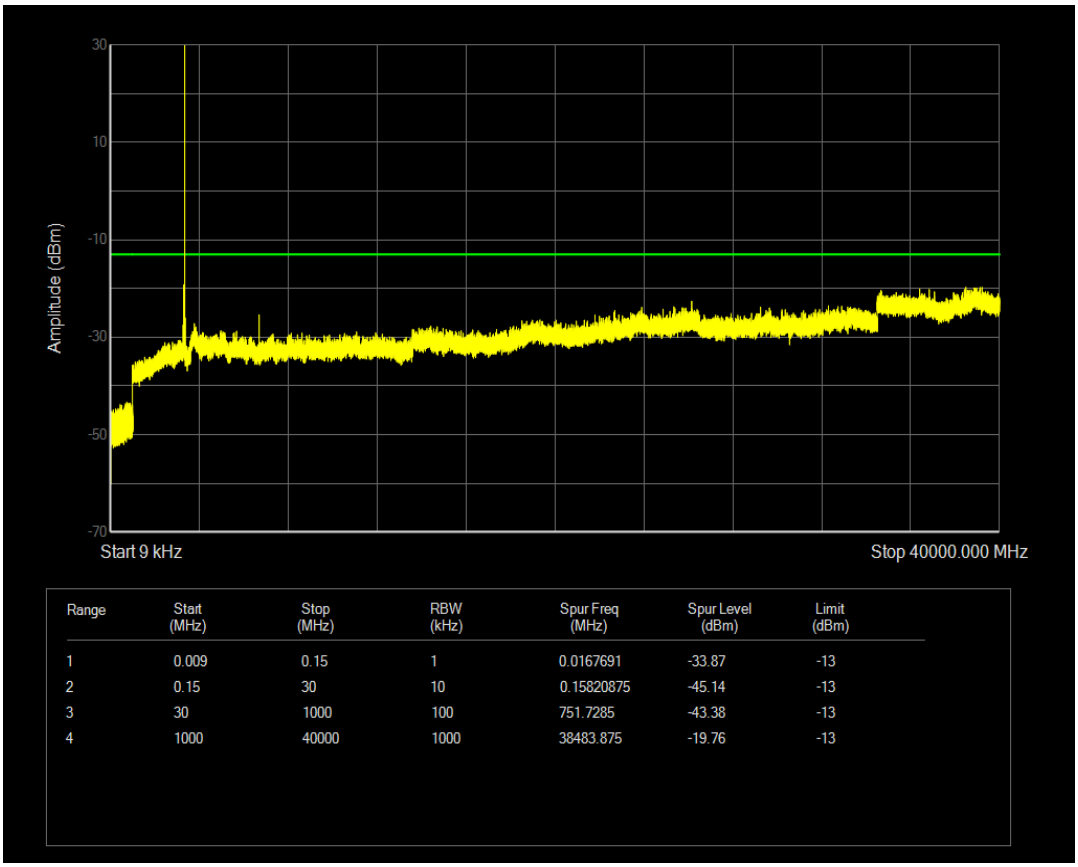
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012948	-35.14	-13
2	0.15	30	10	0.16567125	-45.64	-13
3	30	1000	100	924.631	-43.09	-13
4	1000	40000	1000	38907.025	-18.7	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@0



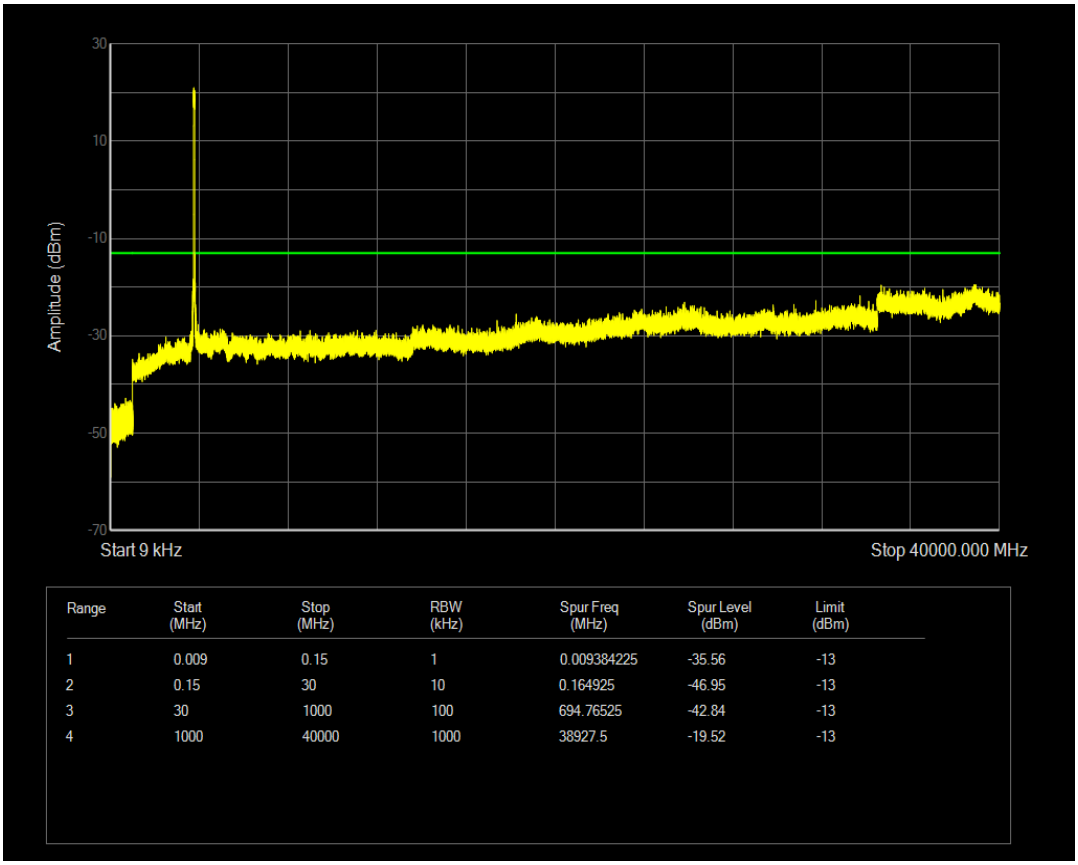
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009348975	-35.05	-13
2	0.15	30	10	0.15522375	-46.38	-13
3	30	1000	100	903.9215	-43.15	-13
4	1000	40000	1000	38895.325	-18.8	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=621668 RB=1@132



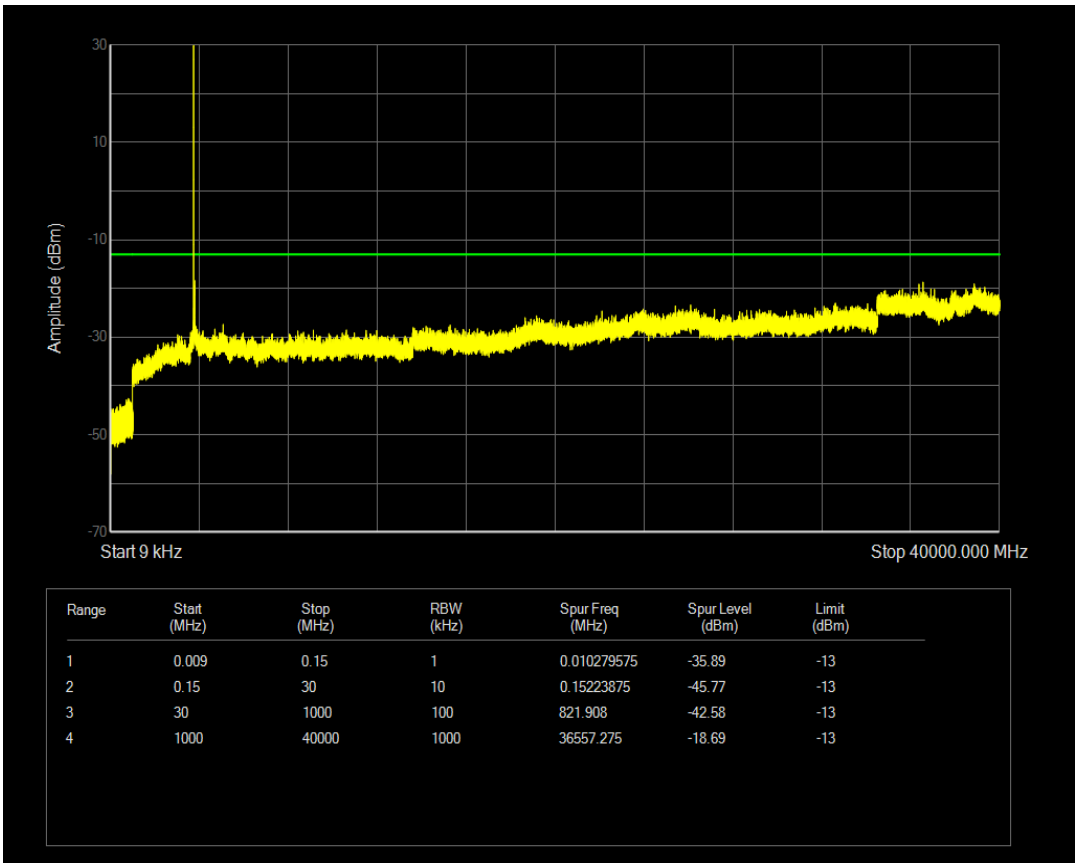
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0167691	-33.87	-13
2	0.15	30	10	0.15820875	-45.14	-13
3	30	1000	100	751.7285	-43.38	-13
4	1000	40000	1000	38483.875	-19.76	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=133@0



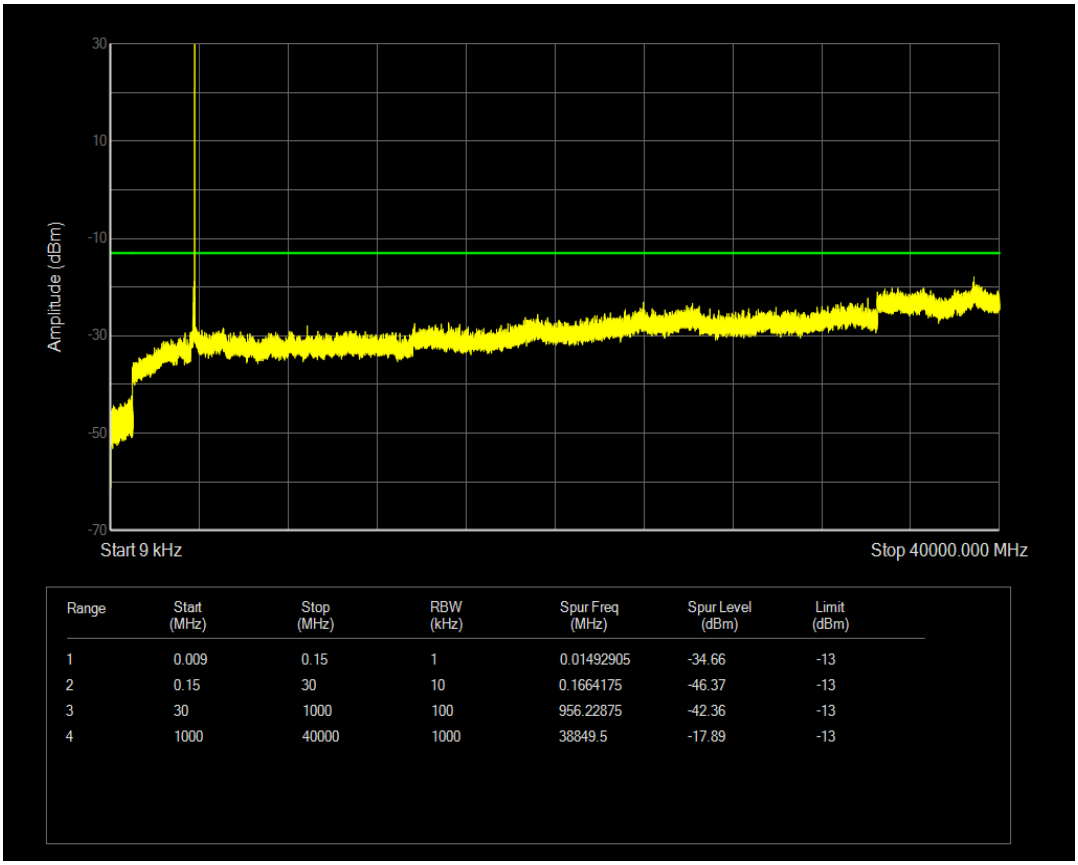
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009384225	-35.56	-13
2	0.15	30	10	0.164925	-46.95	-13
3	30	1000	100	694.76525	-42.84	-13
4	1000	40000	1000	38927.5	-19.52	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010279575	-35.89	-13
2	0.15	30	10	0.15223875	-45.77	-13
3	30	1000	100	821.908	-42.58	-13
4	1000	40000	1000	36557.275	-18.69	-13

n78 SCS=30kHz CP_QPSK BW=50MHz Channel=651666 RB=1@132



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01492905	-34.66	-13
2	0.15	30	10	0.1664175	-46.37	-13
3	30	1000	100	956.22875	-42.36	-13
4	1000	40000	1000	38849.5	-17.89	-13