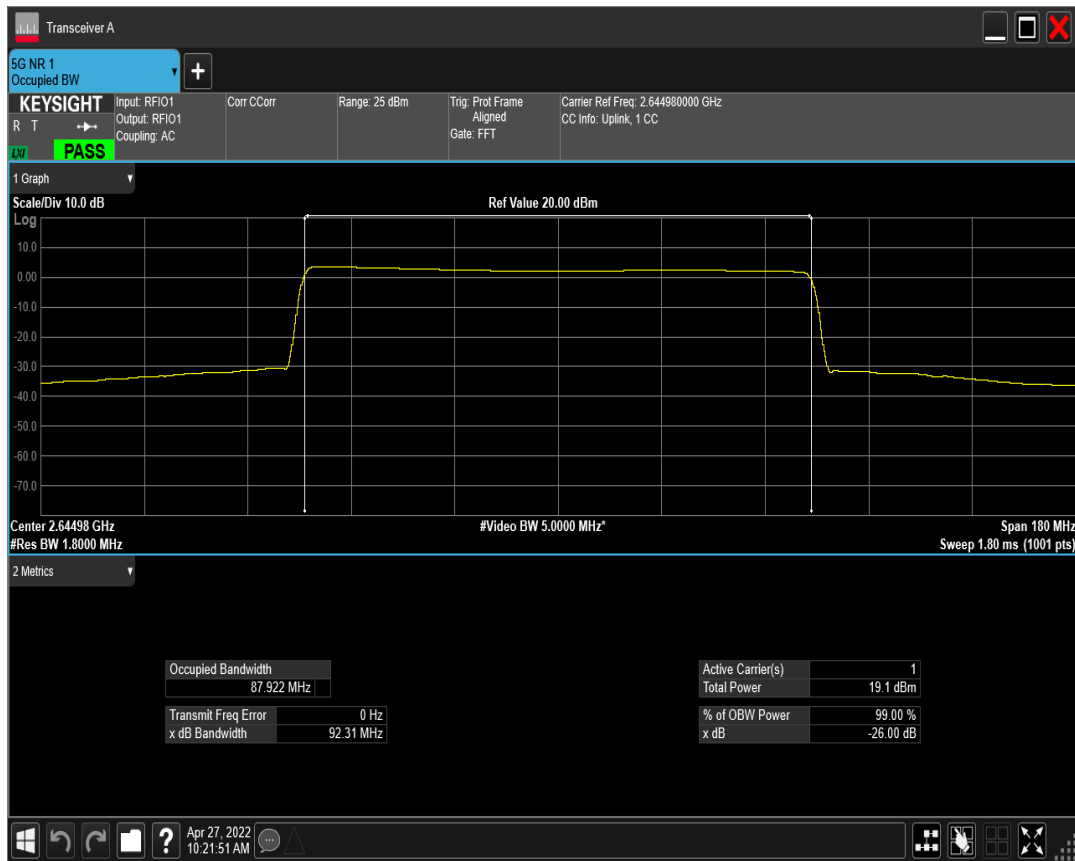
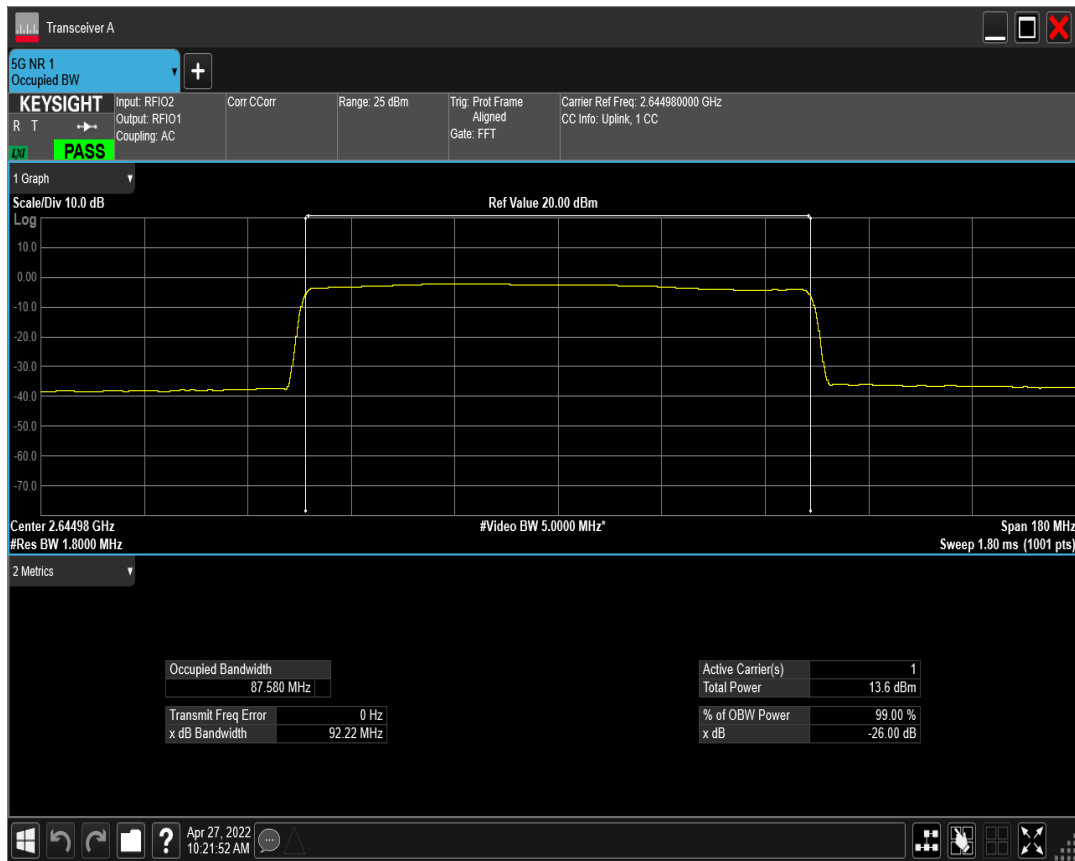




n41 SCS=30kHz CP_QPSK BW=90MHz Channel=528996 RB=245@0 ant2



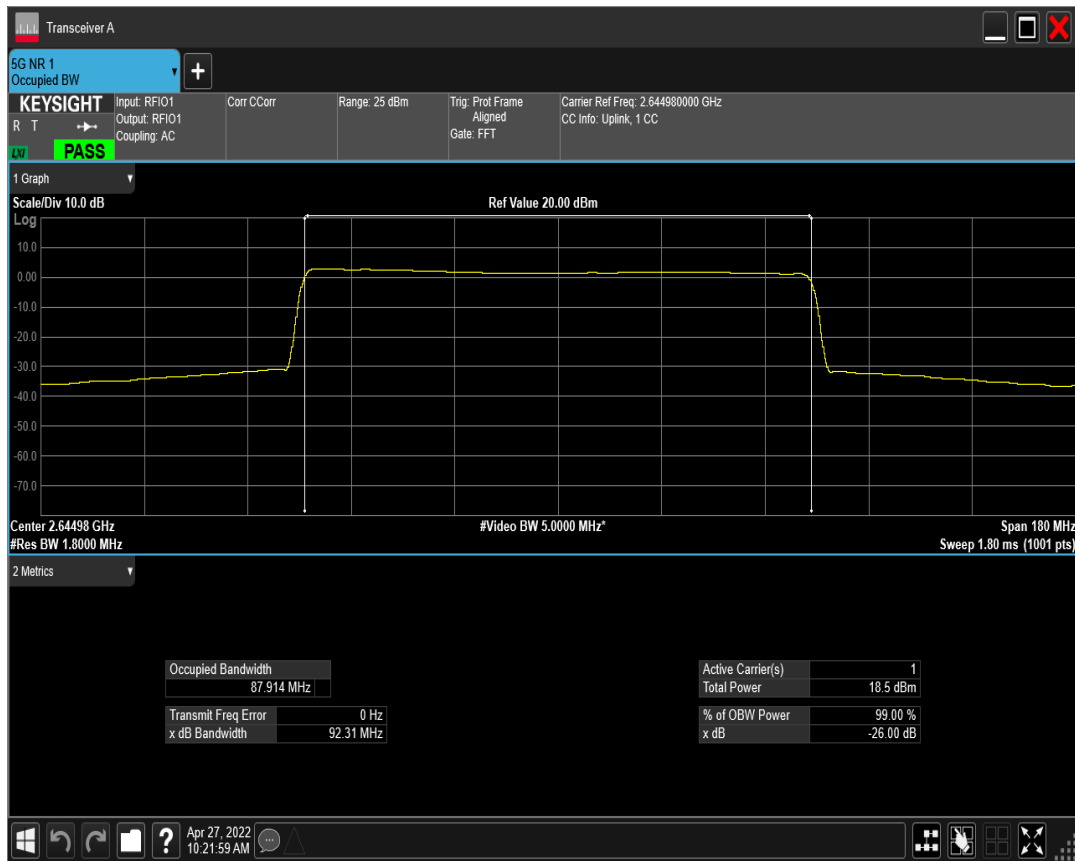
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=528996 RB=245@0 ant1



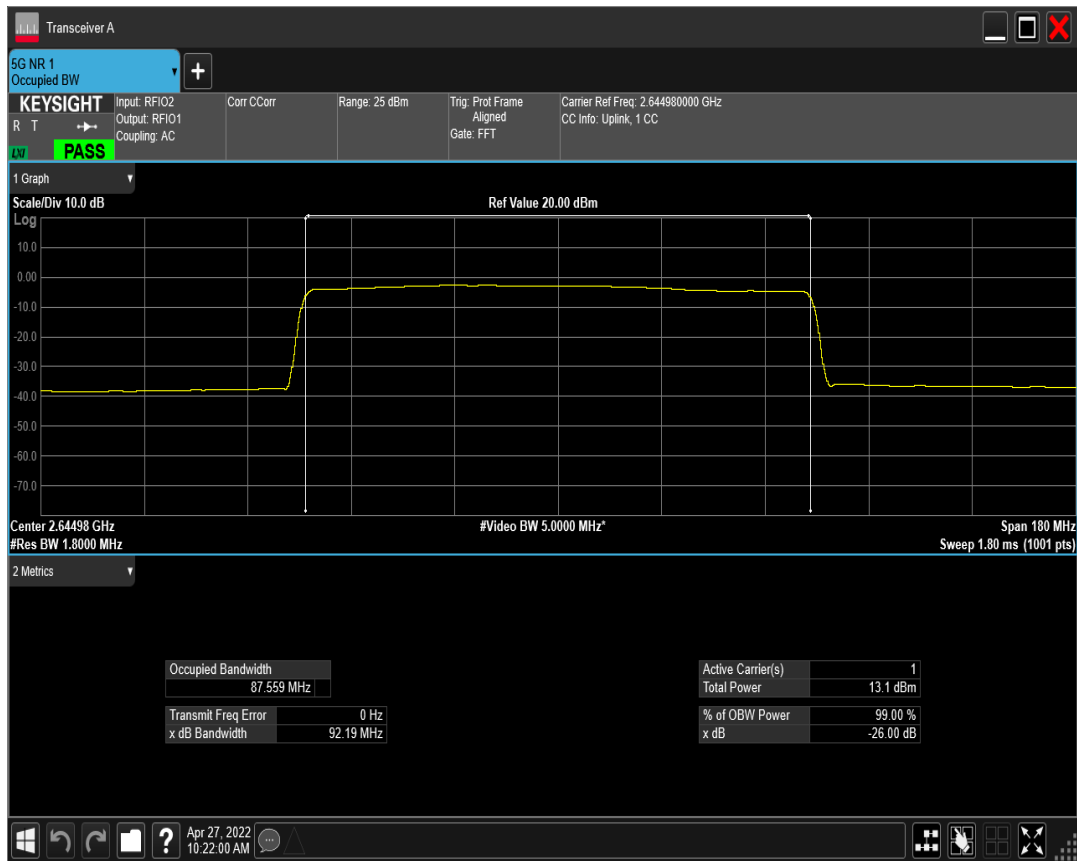
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=528996 RB=245@0 ant2



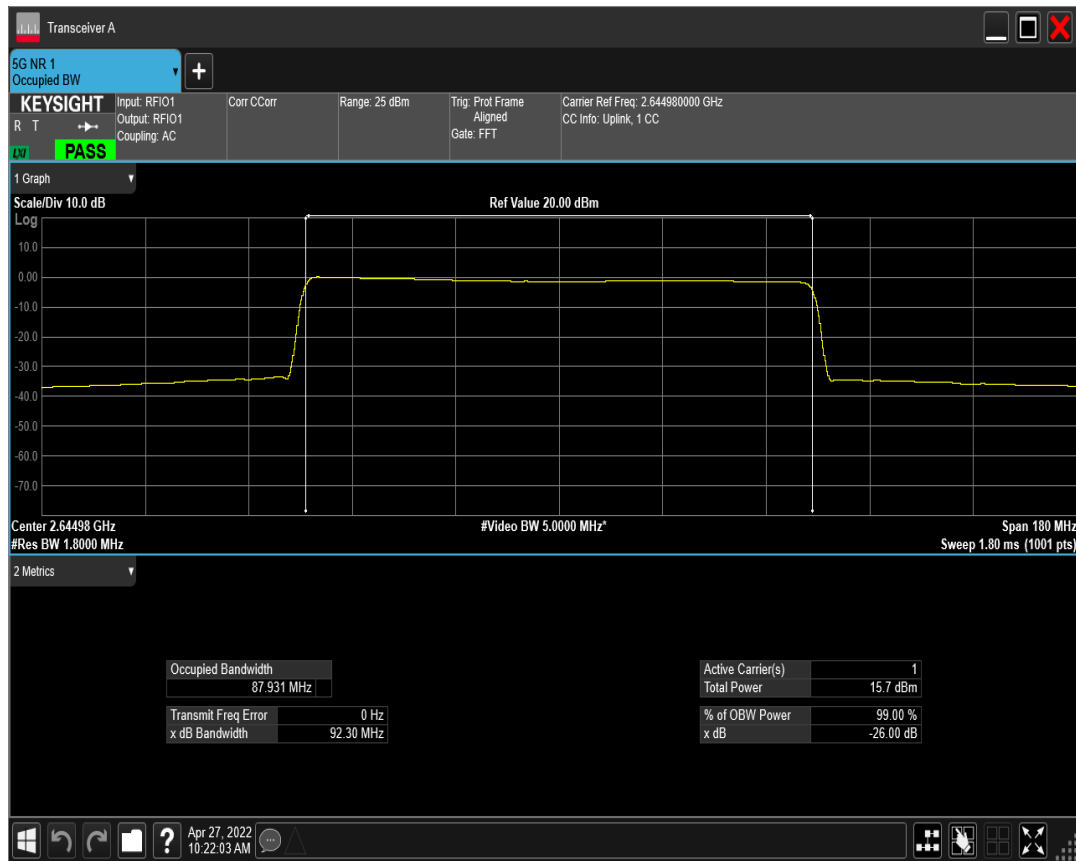
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=528996 RB=245@0 ant1



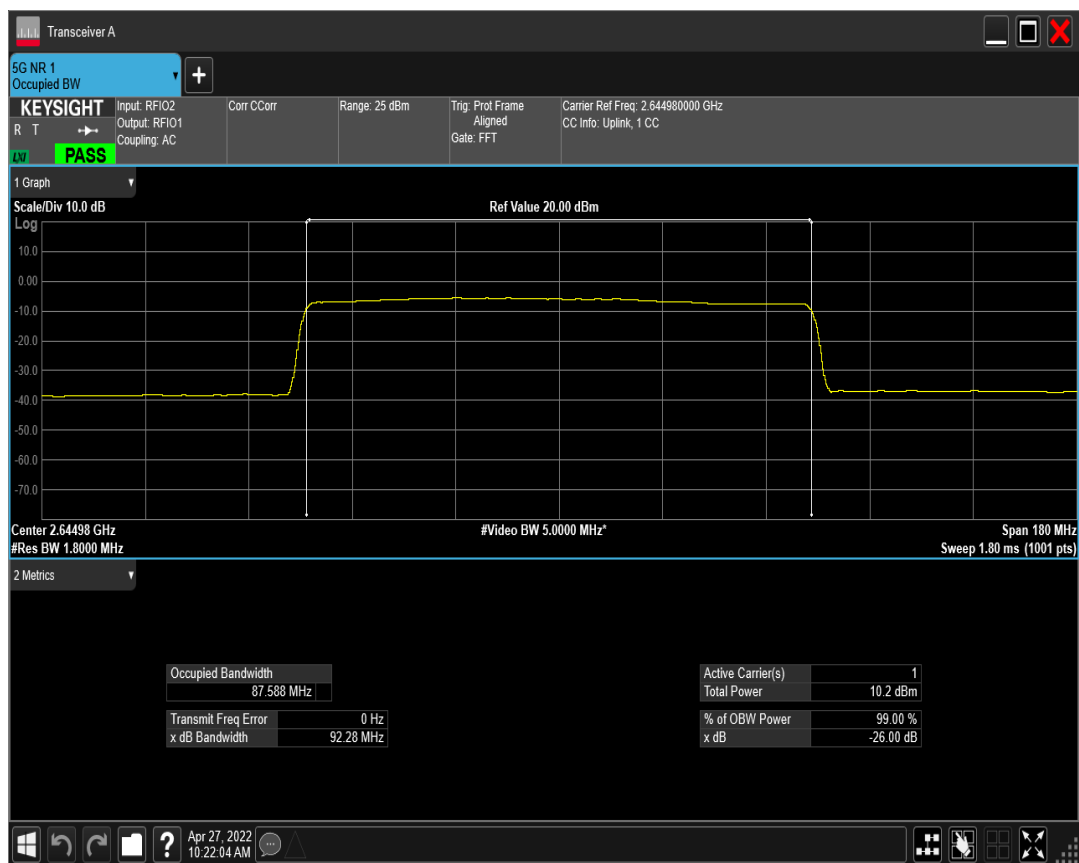
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=528996 RB=245@0 ant2



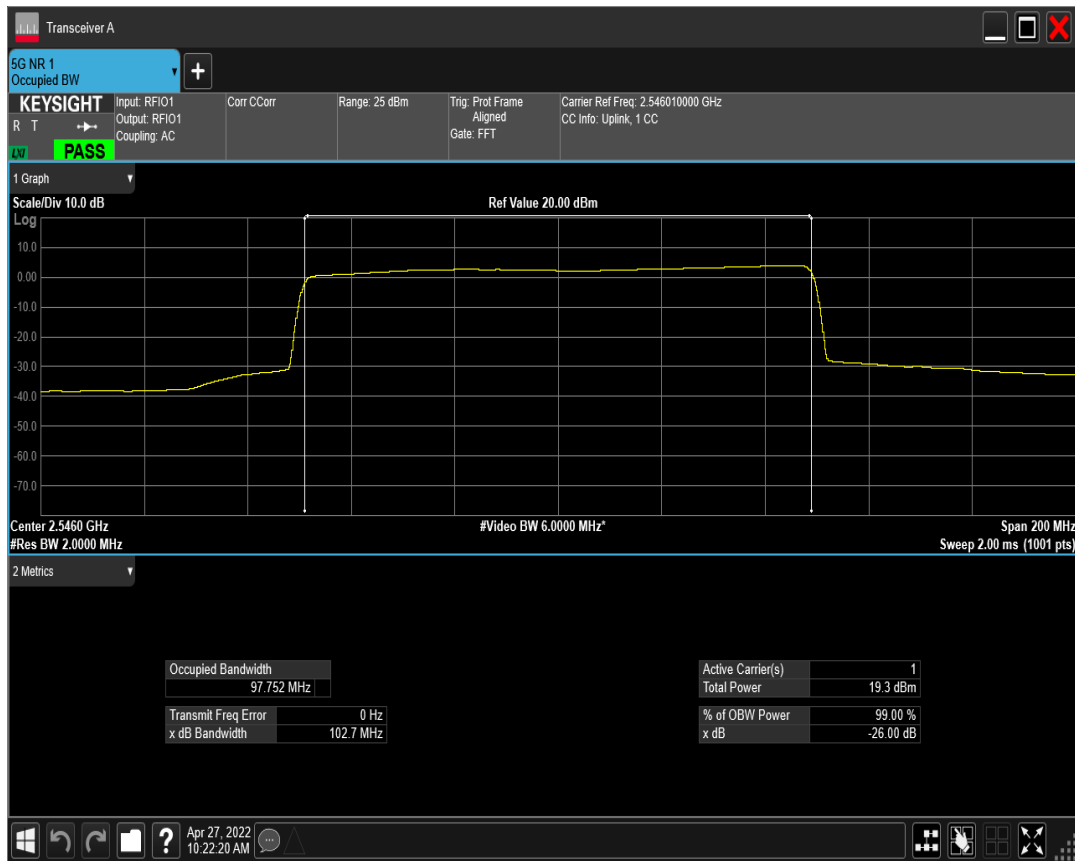
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=528996 RB=245@0 ant1



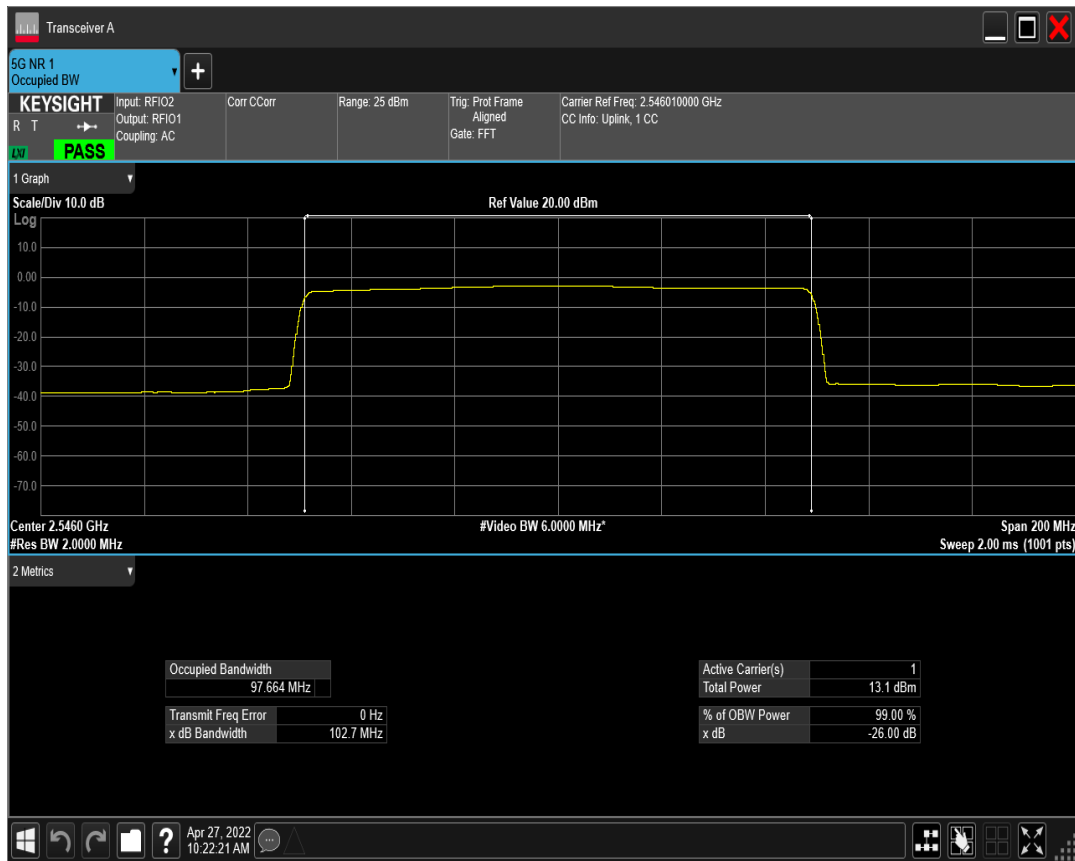
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=528996 RB=245@0 ant2



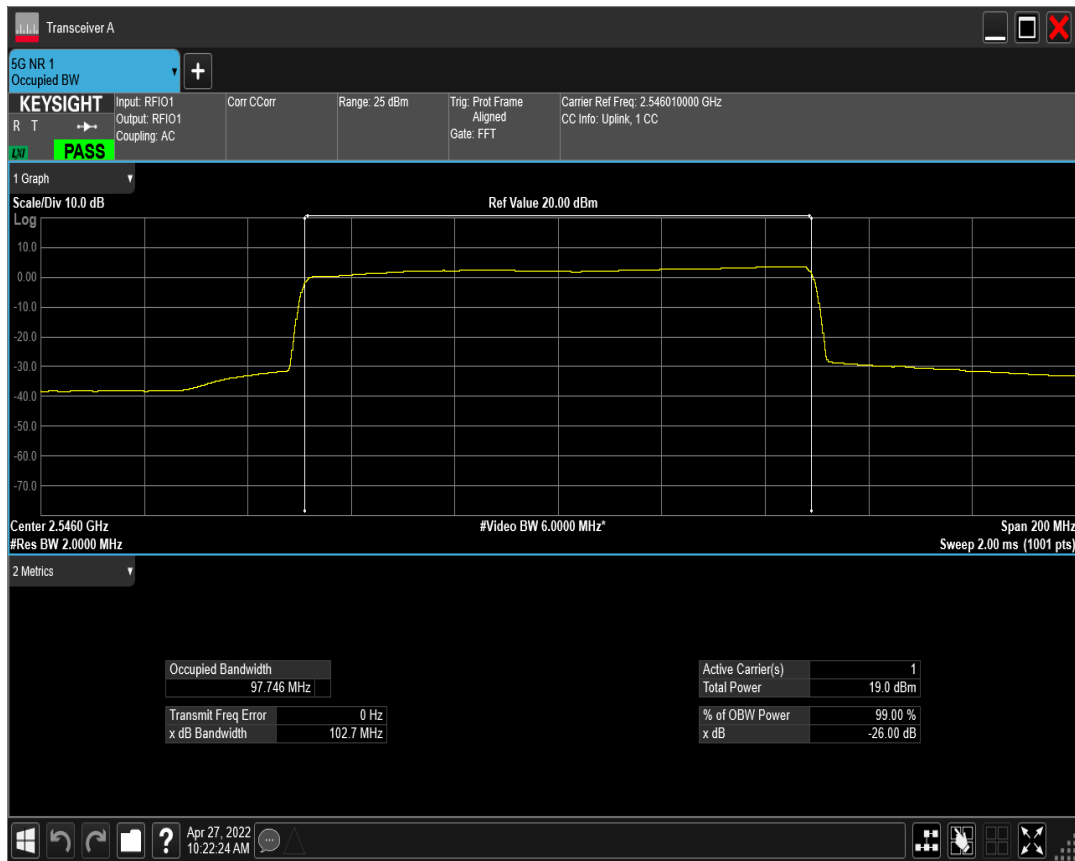
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



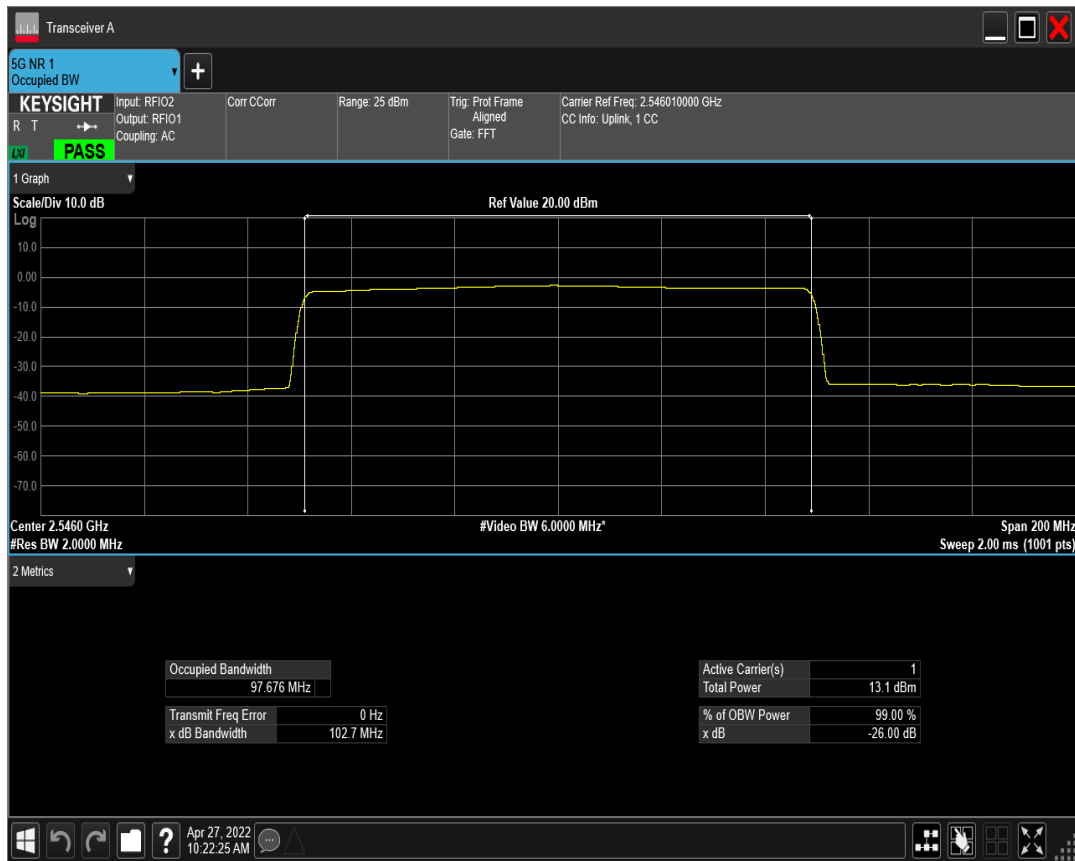
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



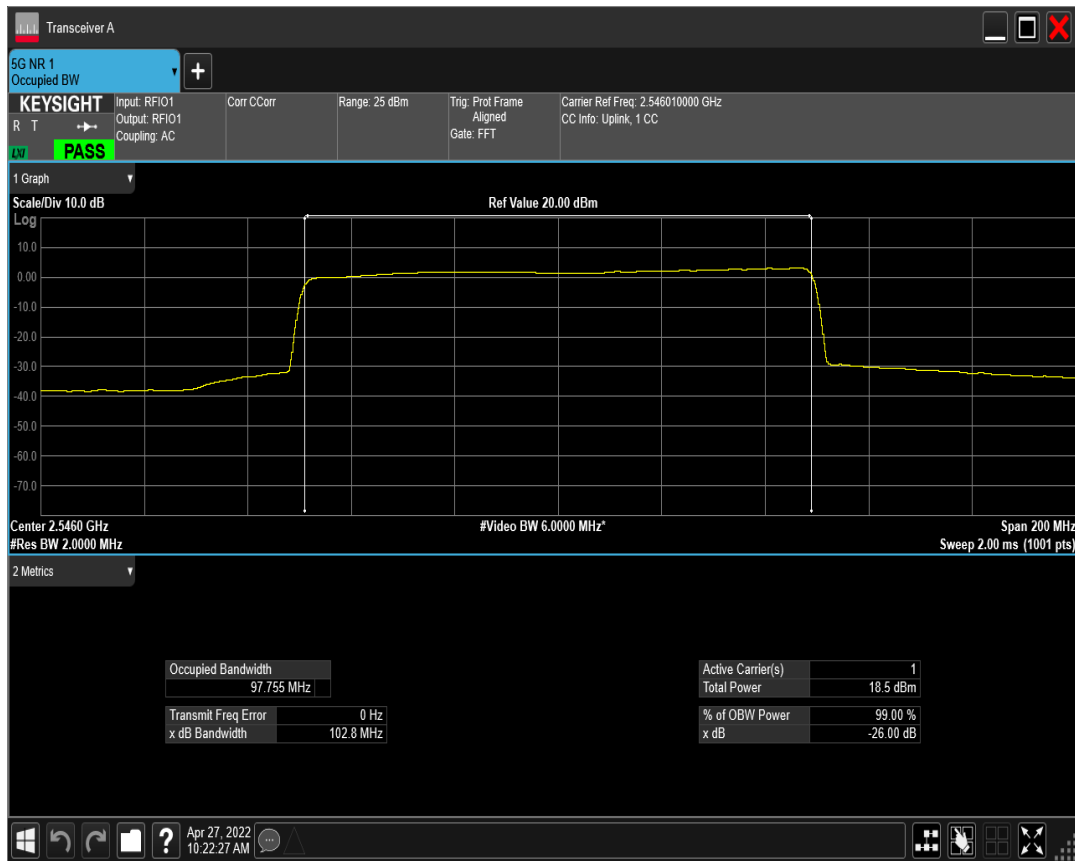
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=509202 RB=273@0 ant1



n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=509202 RB=273@0 ant2



n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=509202 RB=273@0 ant1



n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=509202 RB=273@0 ant2



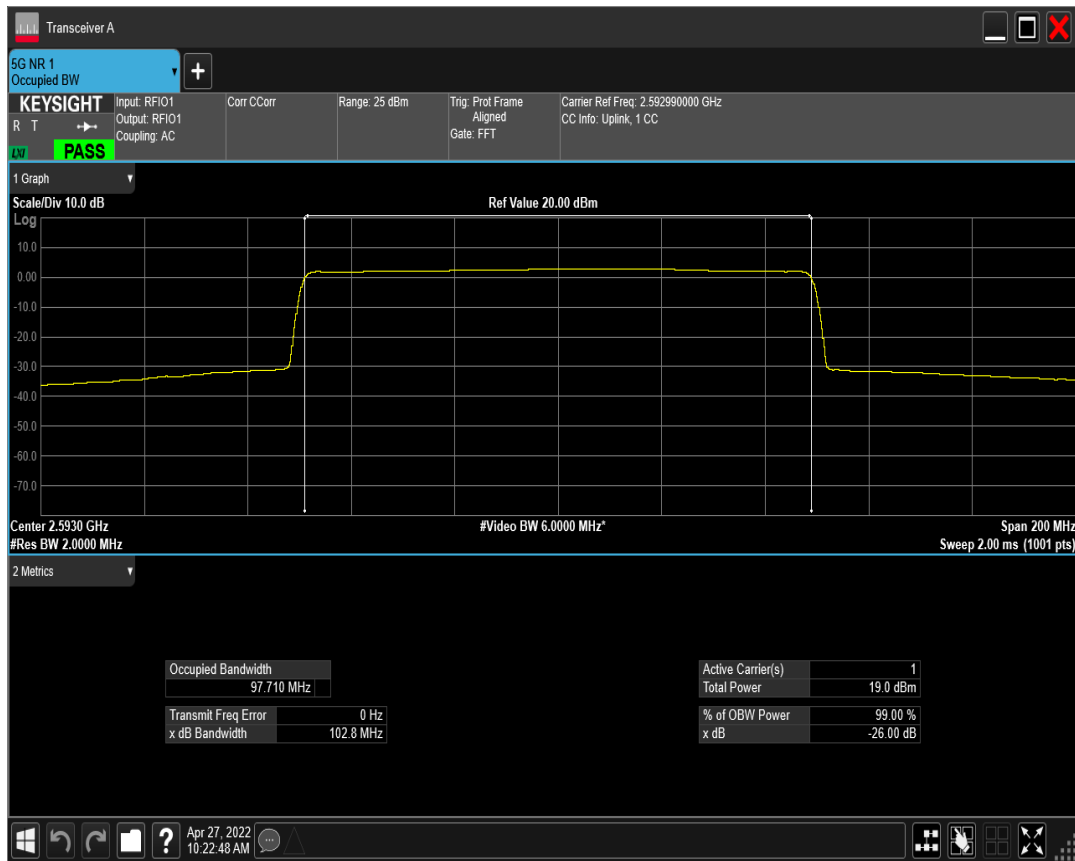
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant1



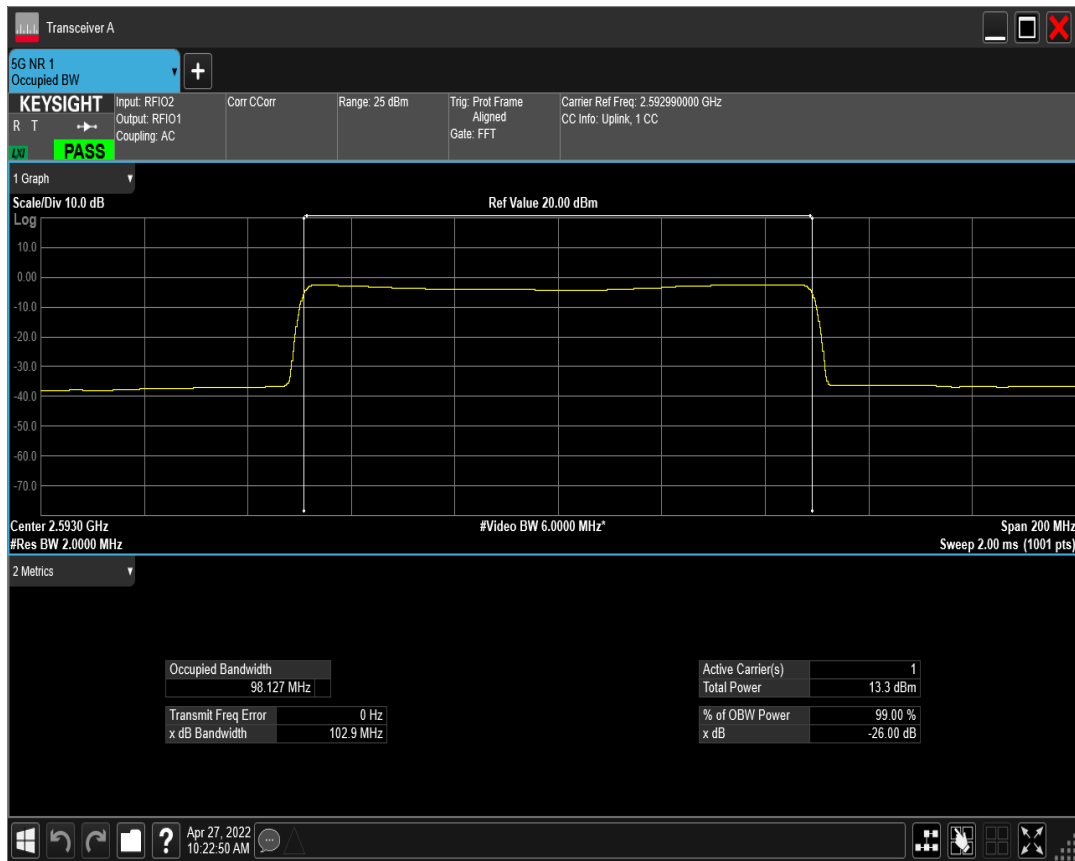
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant2



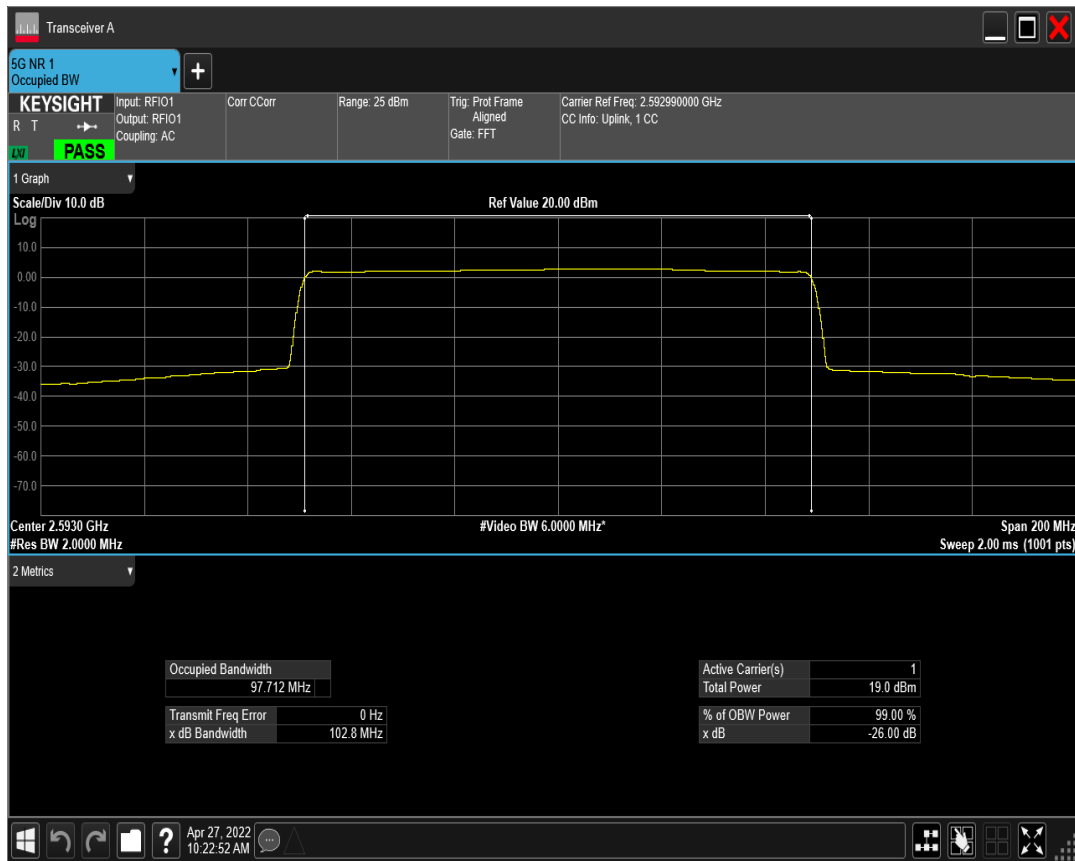
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant1



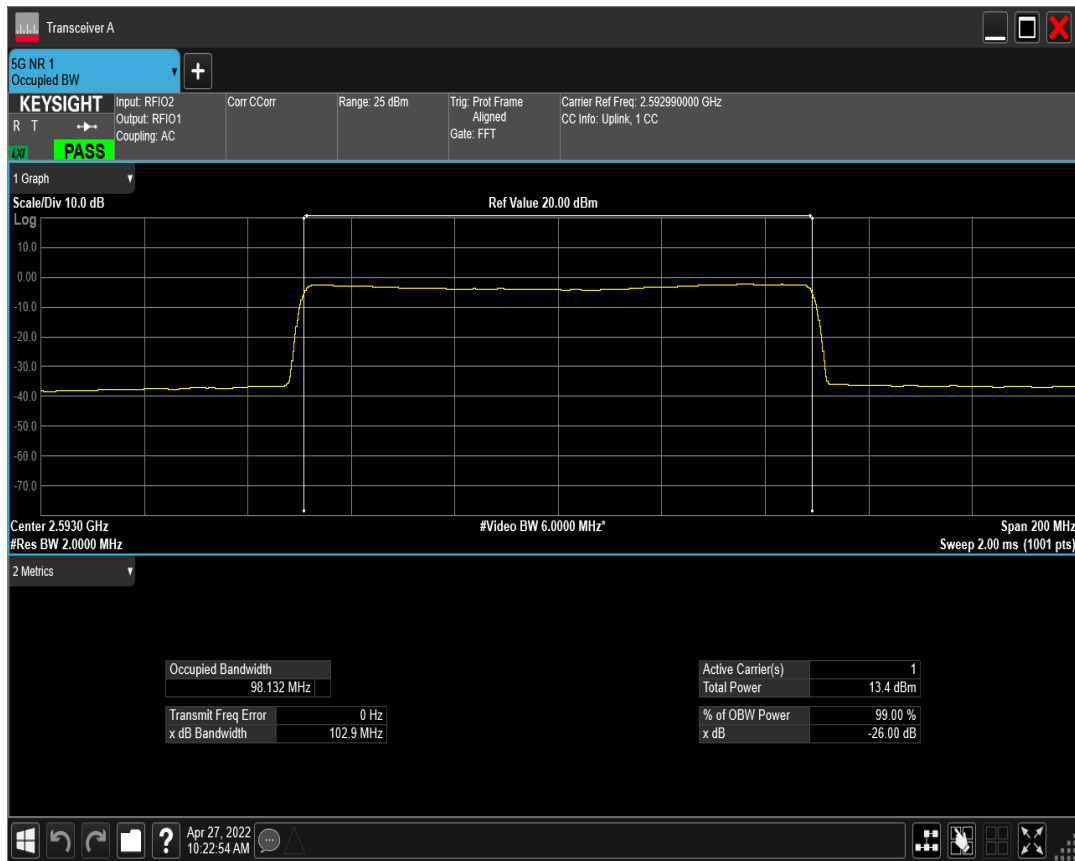
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant2



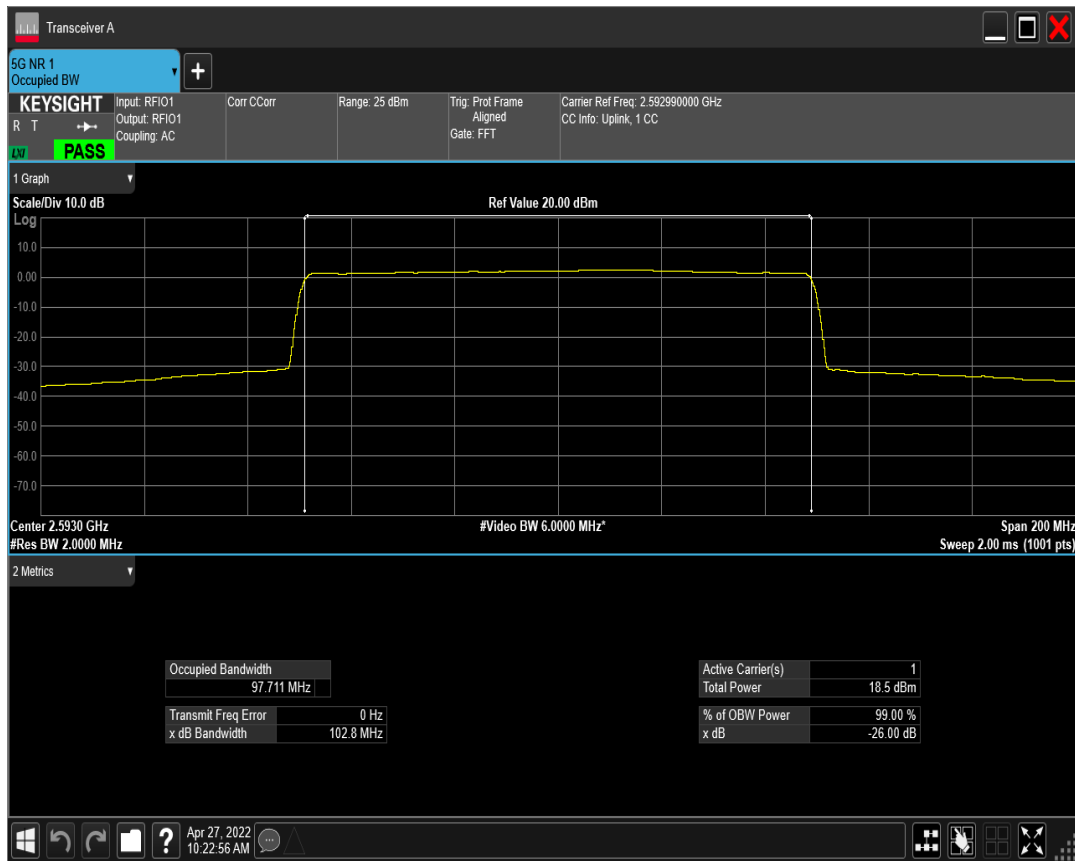
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=518598 RB=273@0 ant1



n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=518598 RB=273@0 ant2



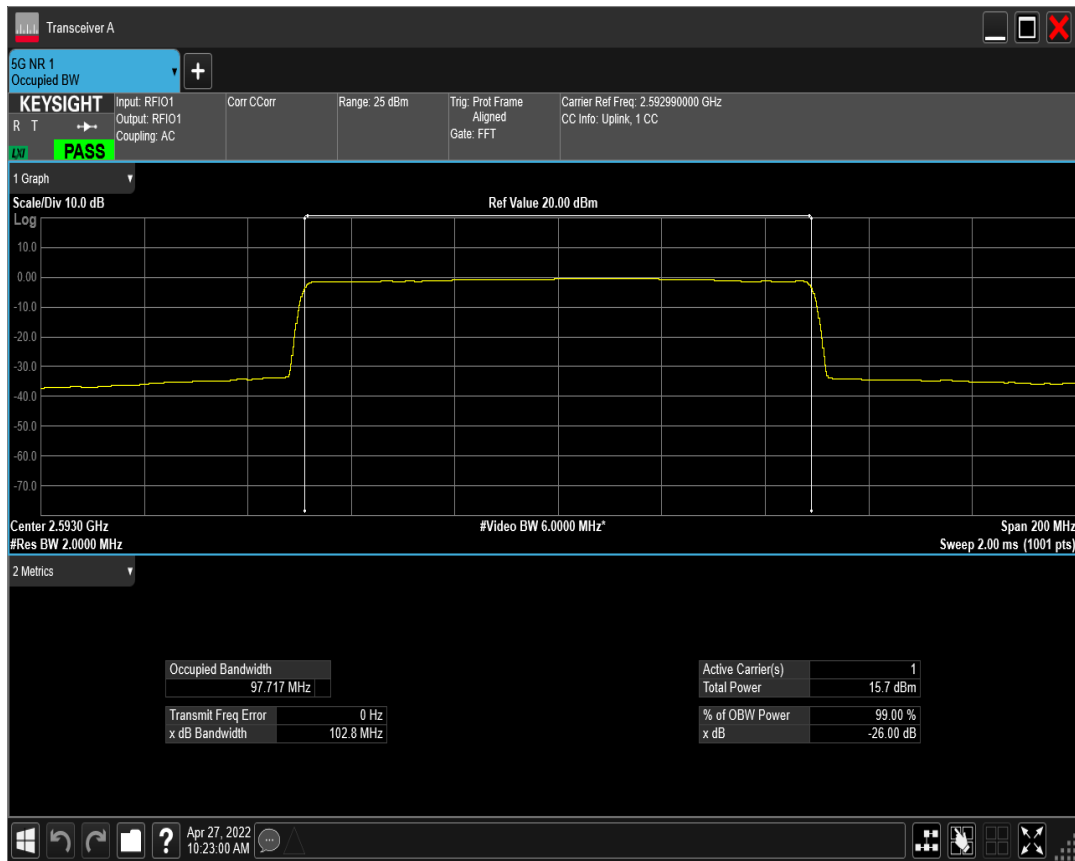
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=518598 RB=273@0 ant1



n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=518598 RB=273@0 ant2



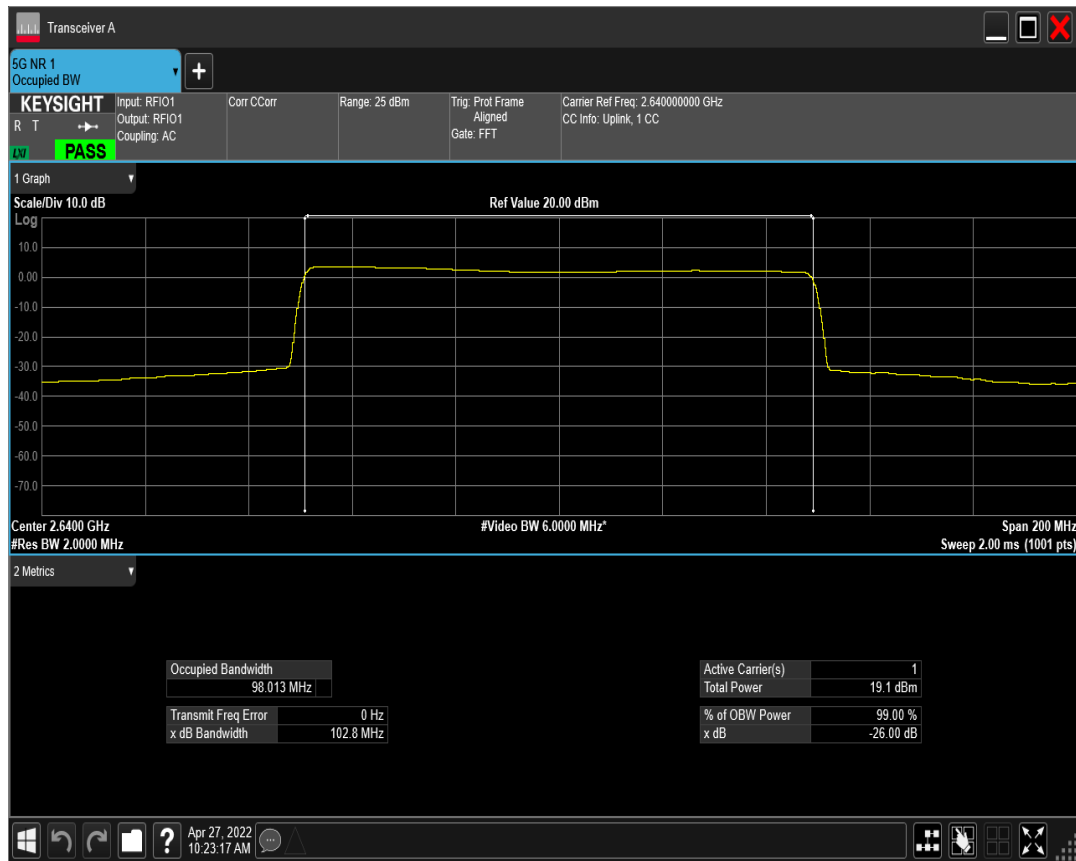
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant1



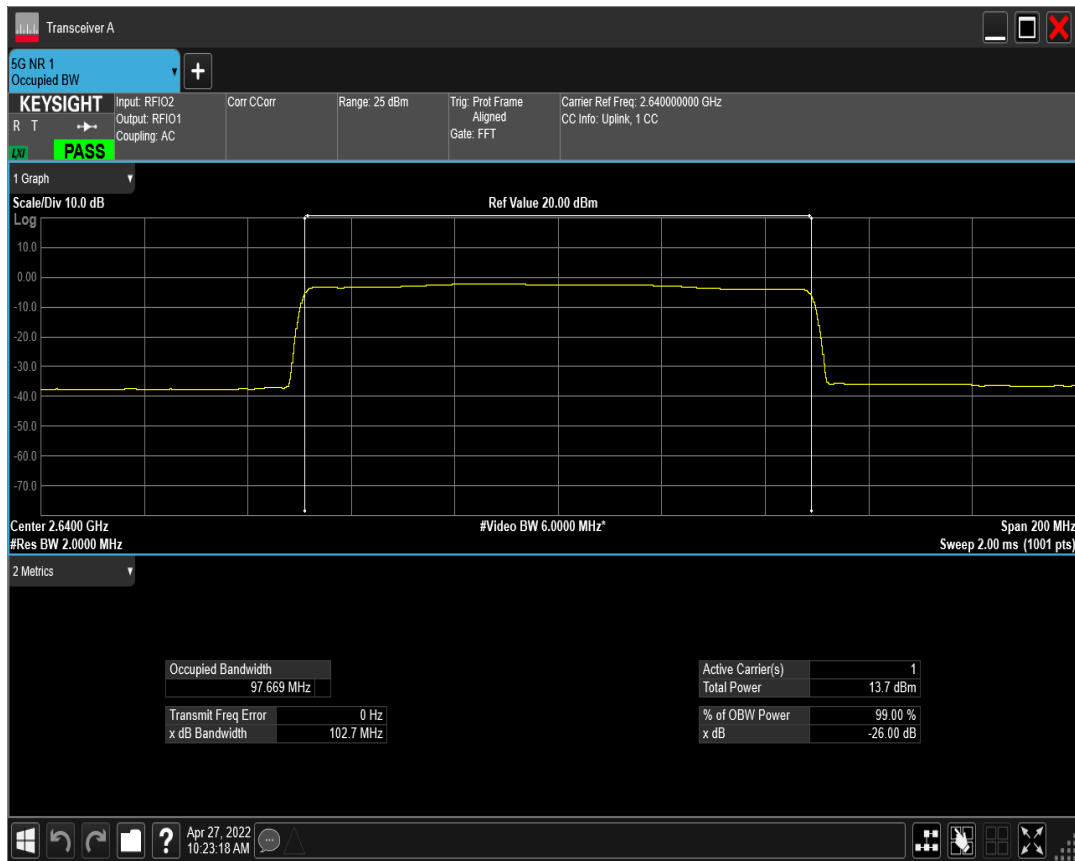
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant2



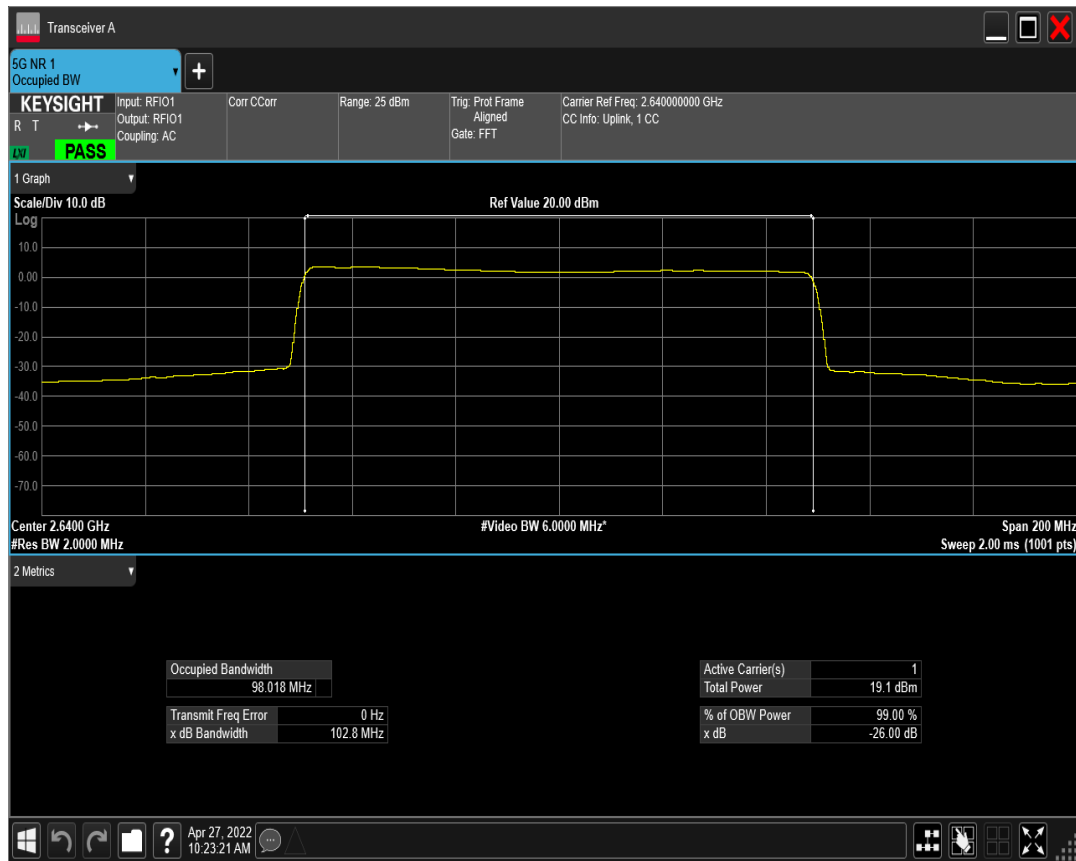
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



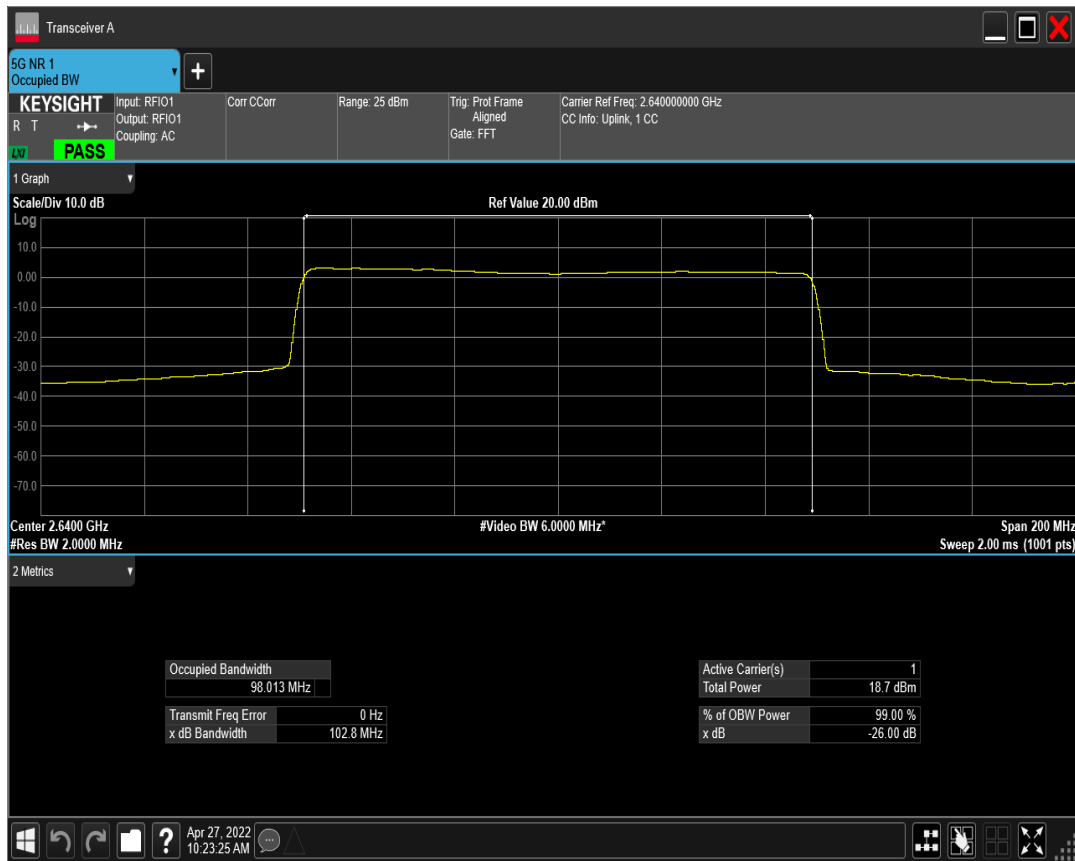
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=528000 RB=273@0 ant1



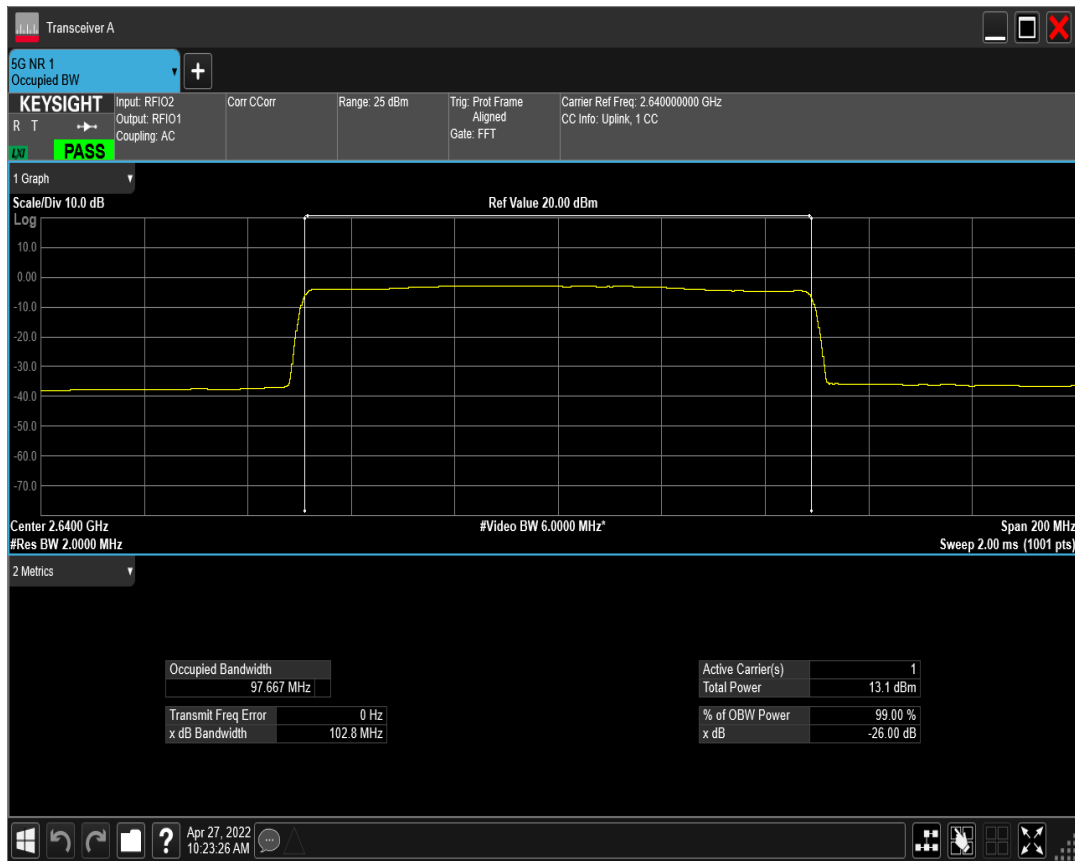
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=528000 RB=273@0 ant2



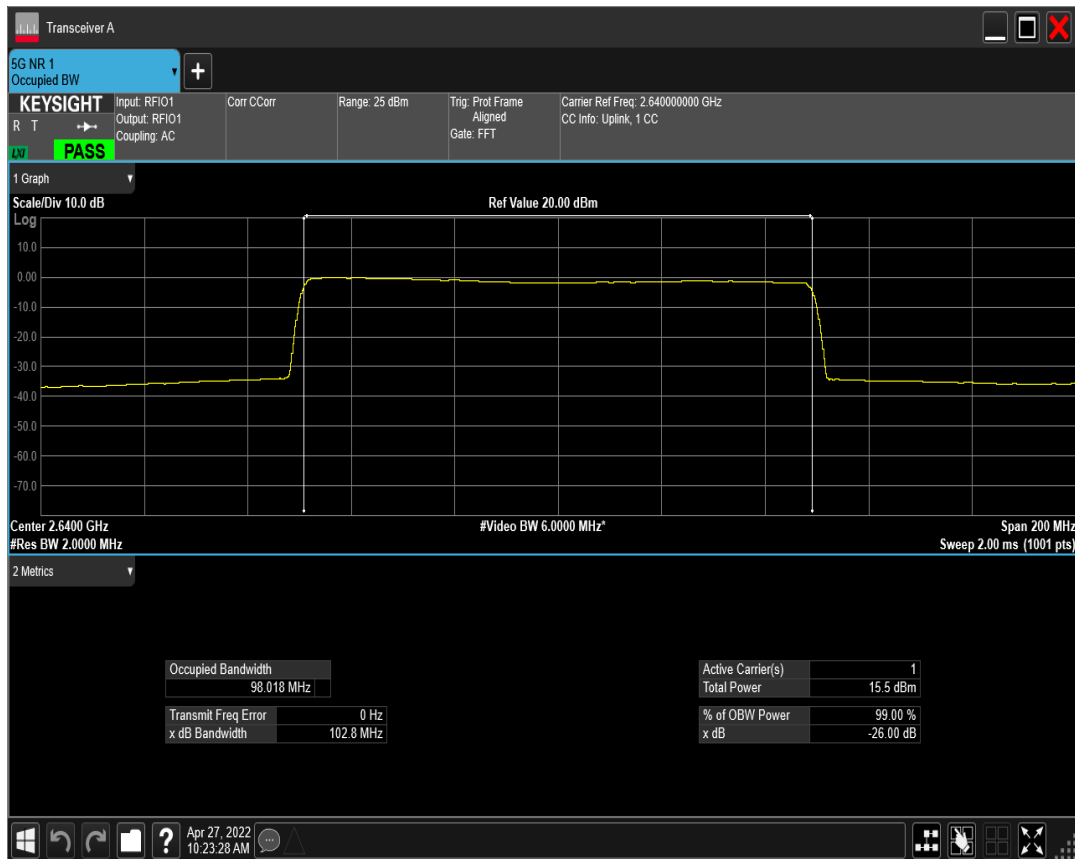
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=528000 RB=273@0 ant1



n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=528000 RB=273@0 ant2



n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=528000 RB=273@0 ant1



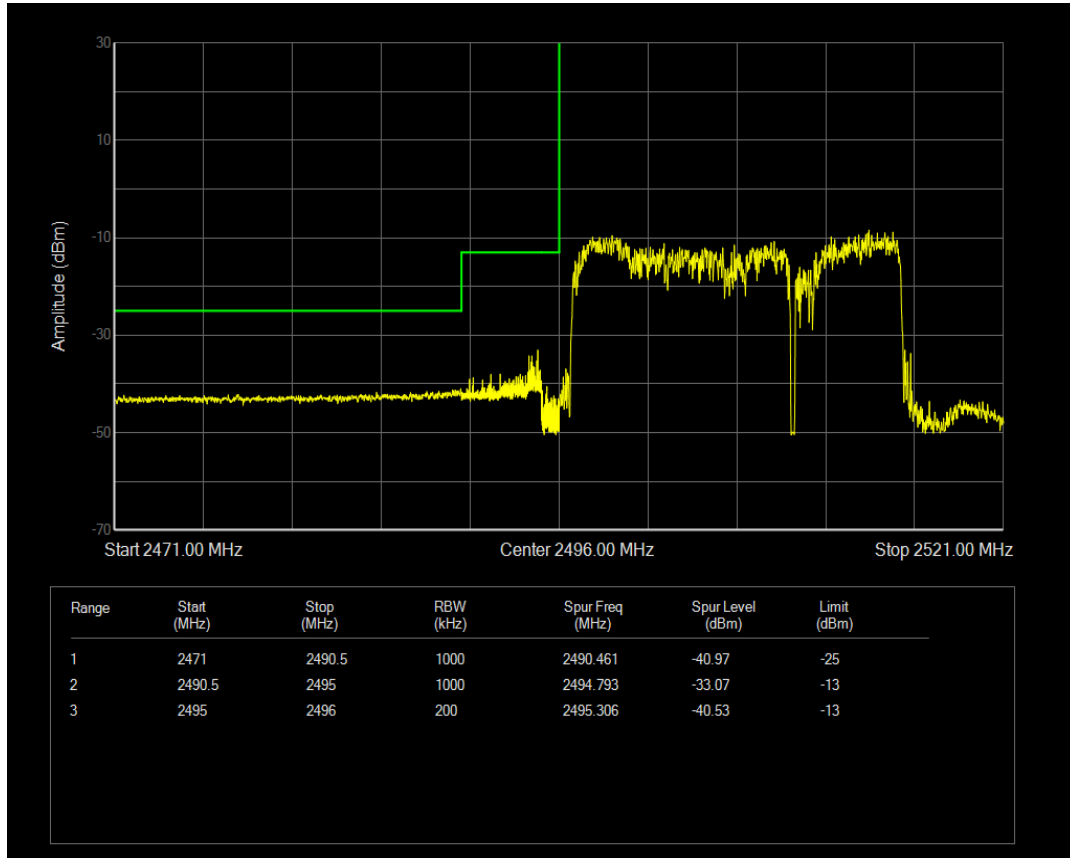
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=528000 RB=273@0 ant2



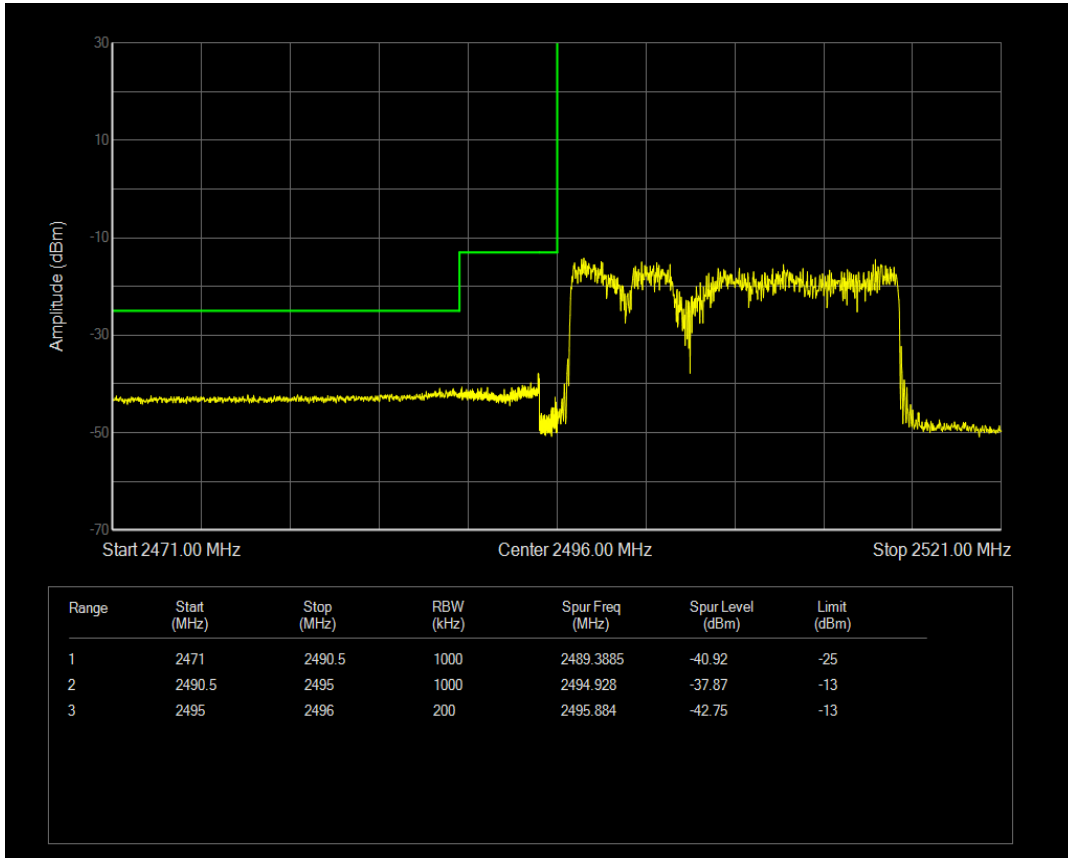
5 Band edge for NR FR1 UL-MIMO

Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	ant1	30	20	501204	51@0	CP_QPSK	2490.46	-40.97	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	2489.39	-40.92	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	2478.33	-42.25	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	2478.92	-42.18	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	2710.12	-42.00	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	2713.48	-42.02	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	2711.34	-41.90	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	2712.16	-41.92	-25	PASS
n41	ant1	30	100	509202	273@0	CP_QPSK	2486.20	-41.83	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	2489.54	-42.56	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	2488.71	-42.40	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	2489.42	-42.43	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	2794.50	-41.98	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	2806.55	-42.16	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	2806.93	-42.18	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	2790.43	-42.25	-25	PASS

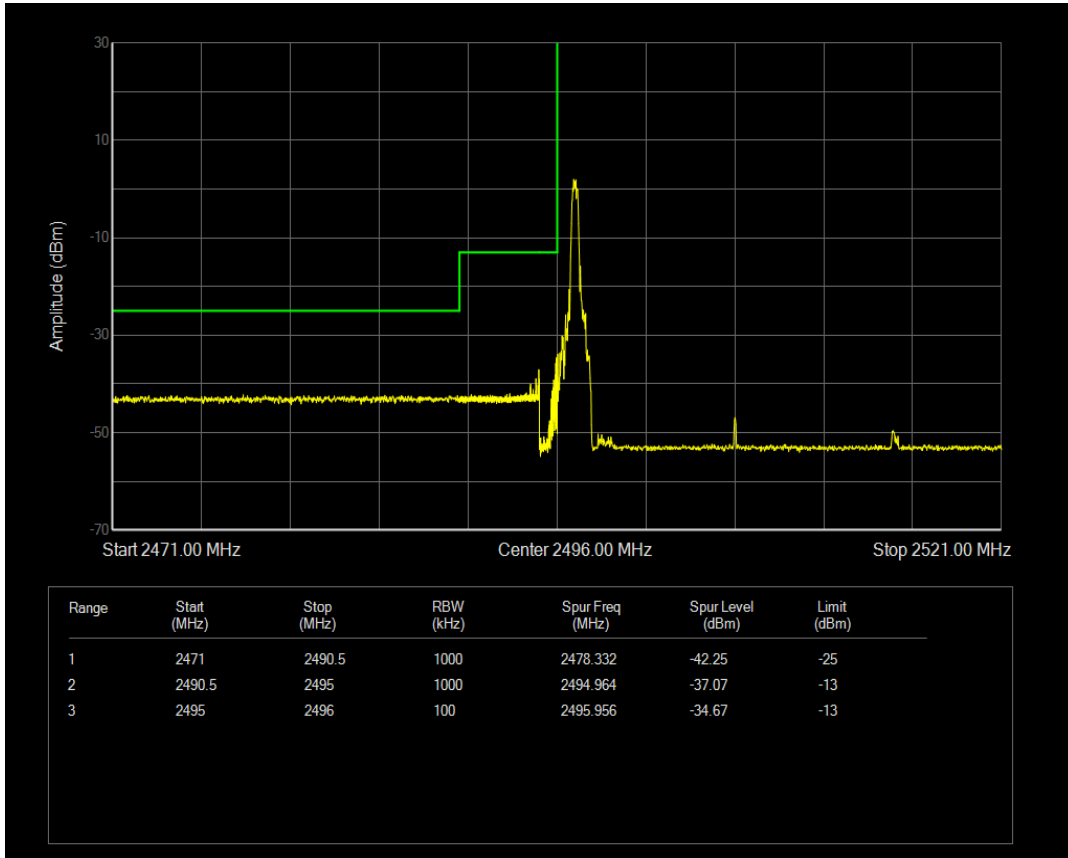
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



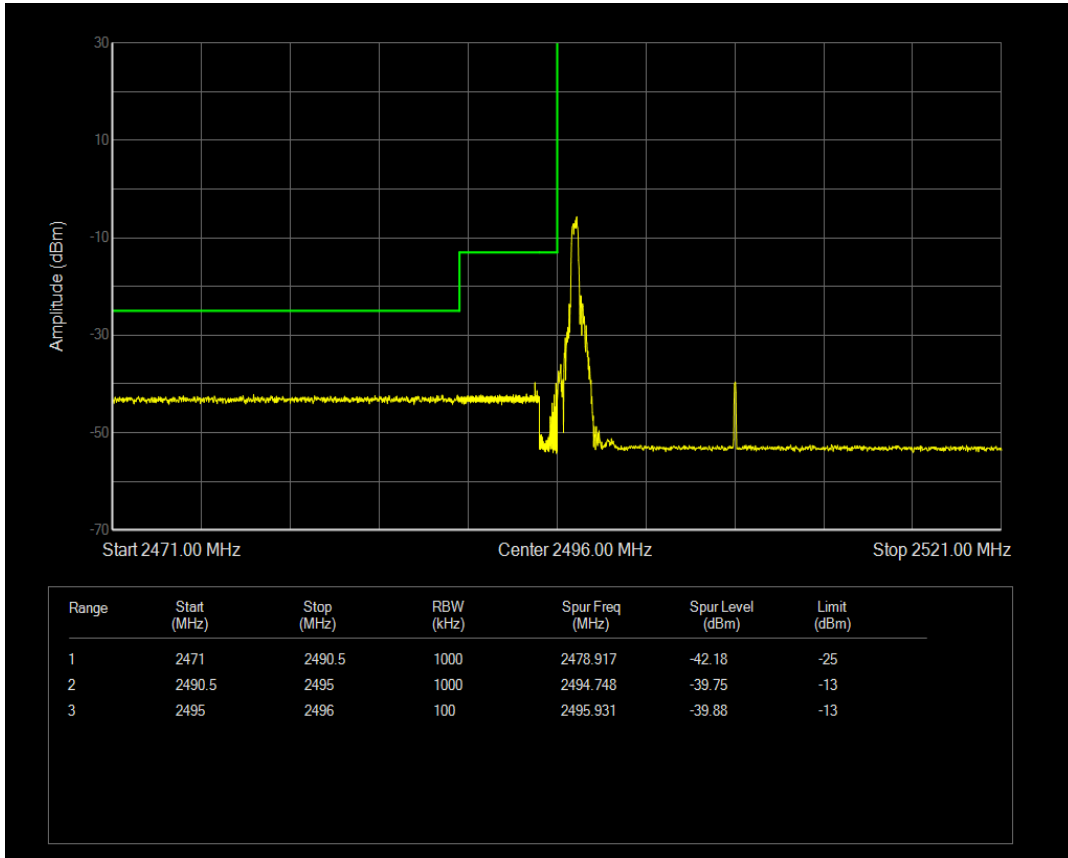
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant2



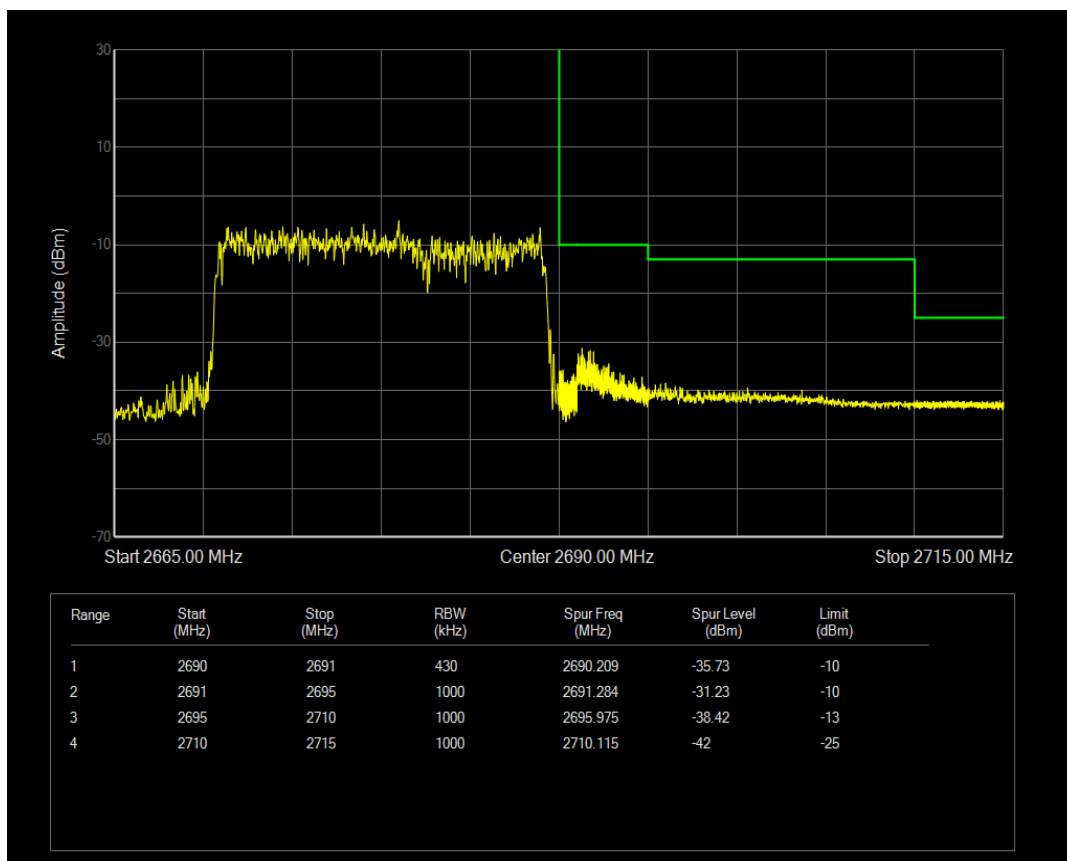
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant1



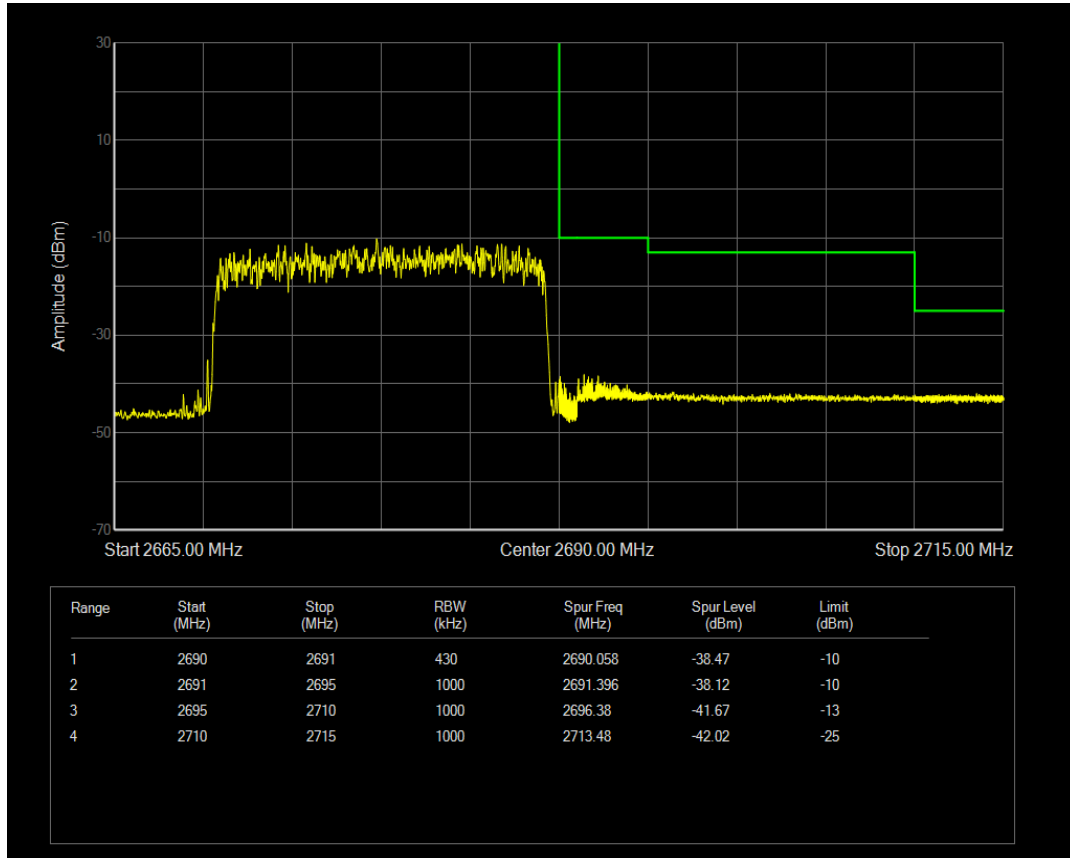
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant2



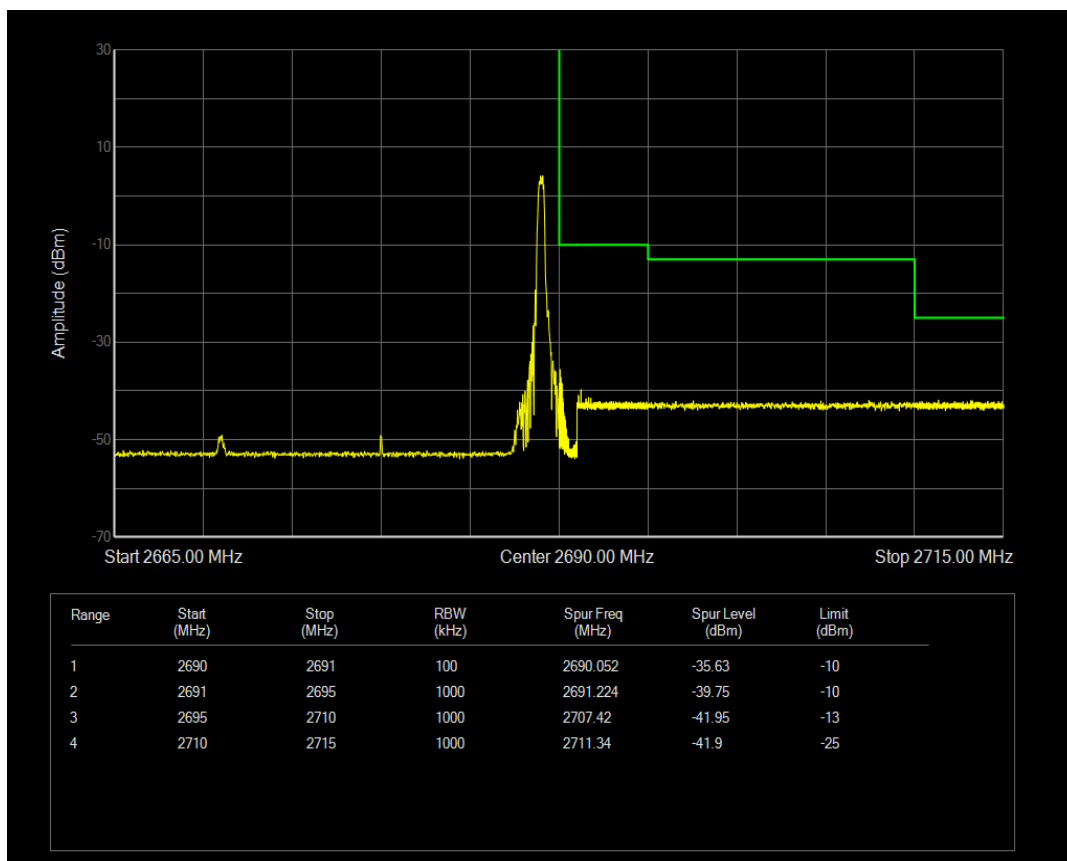
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant1



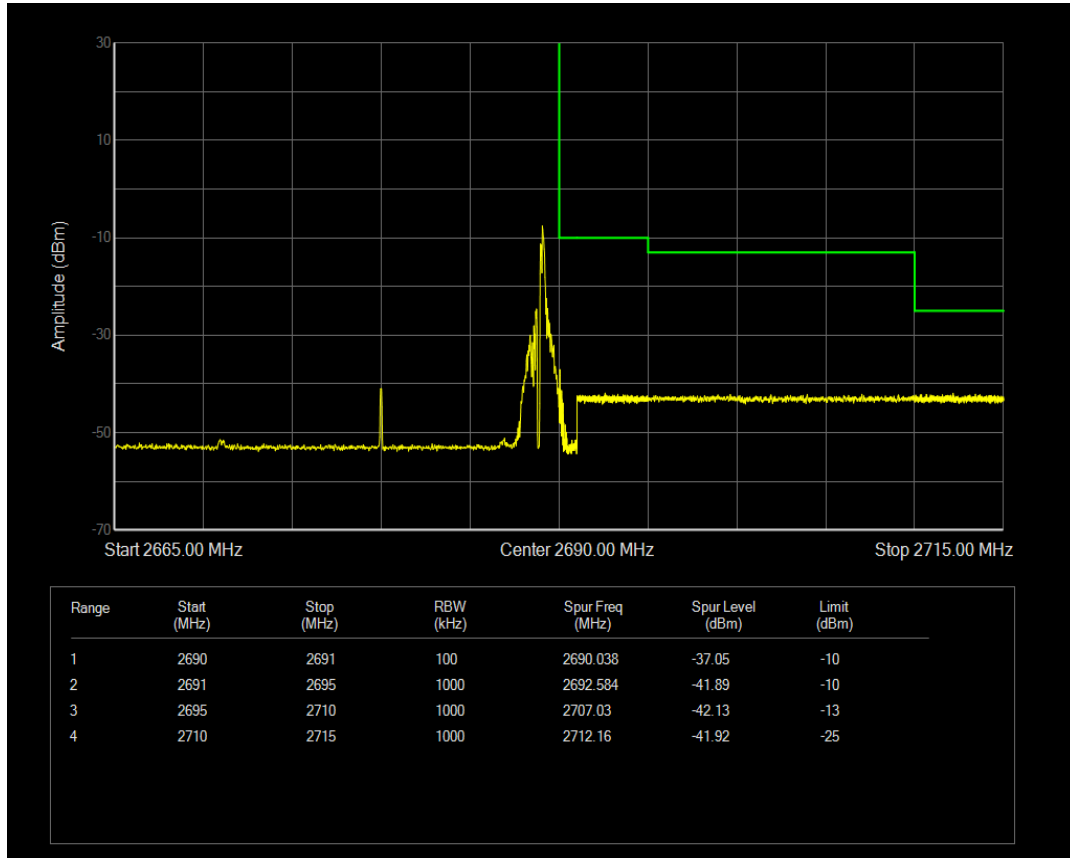
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant2



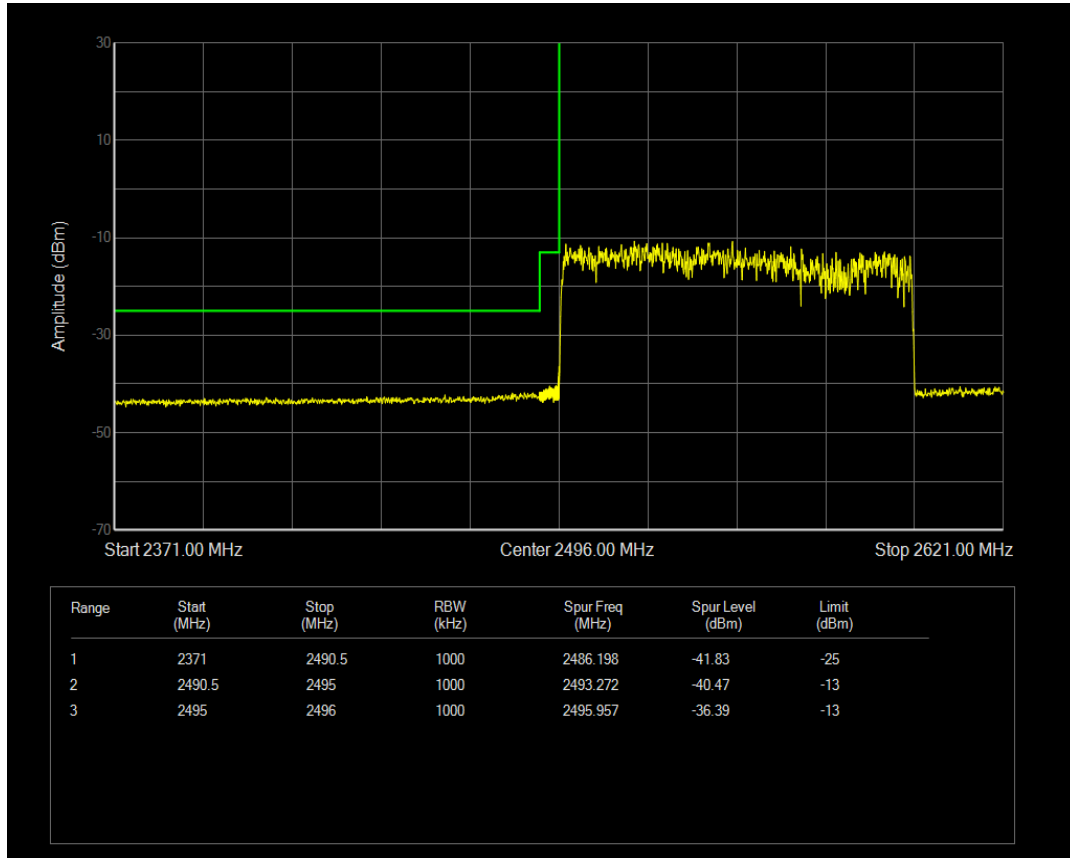
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant1



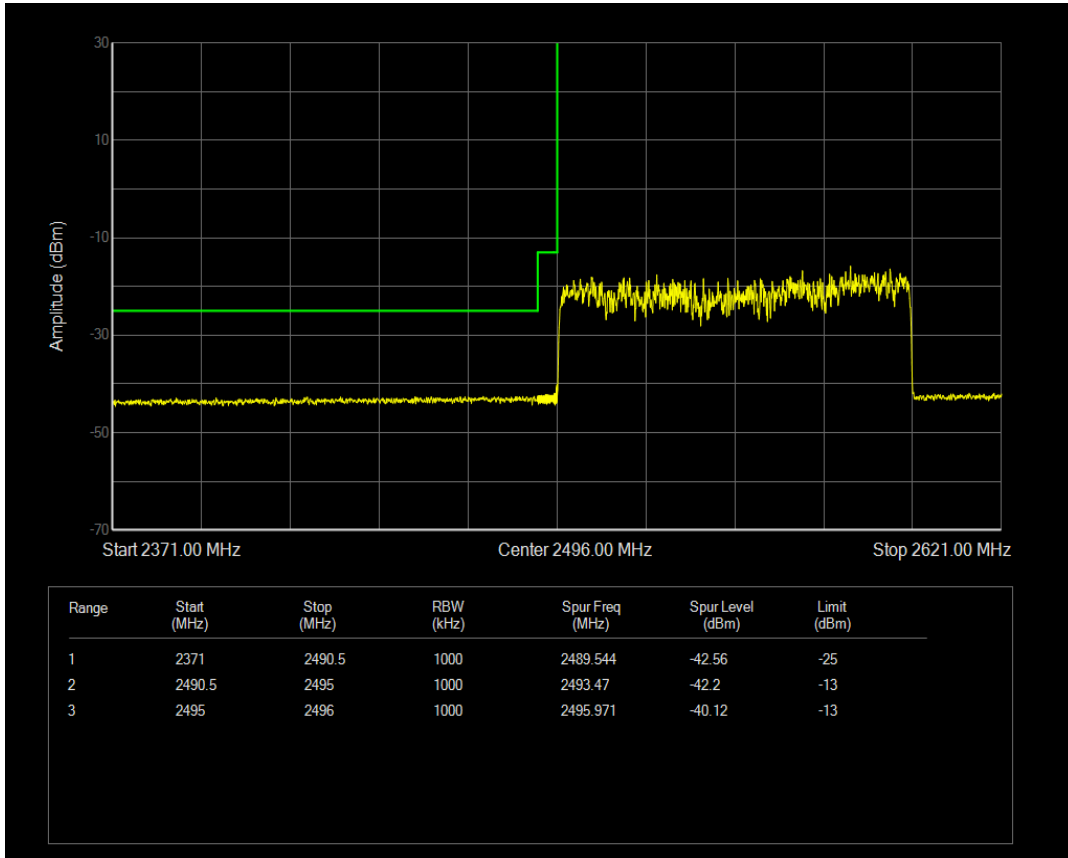
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant2



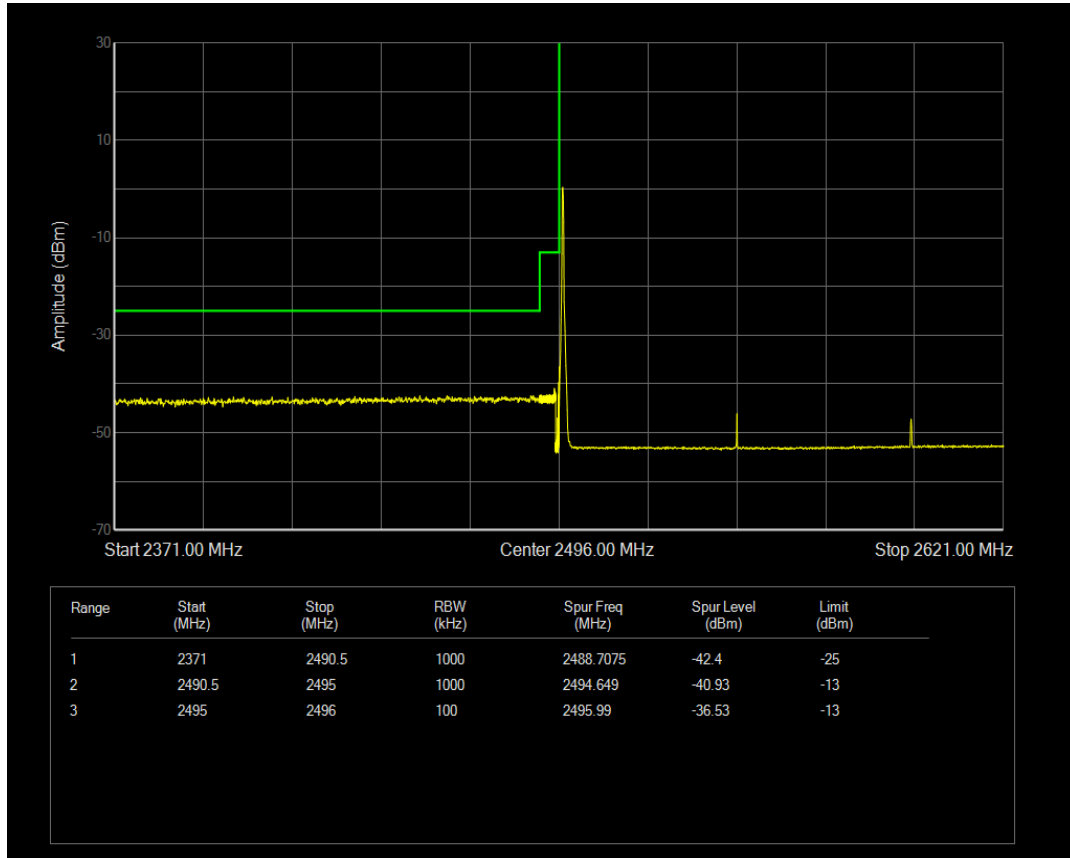
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



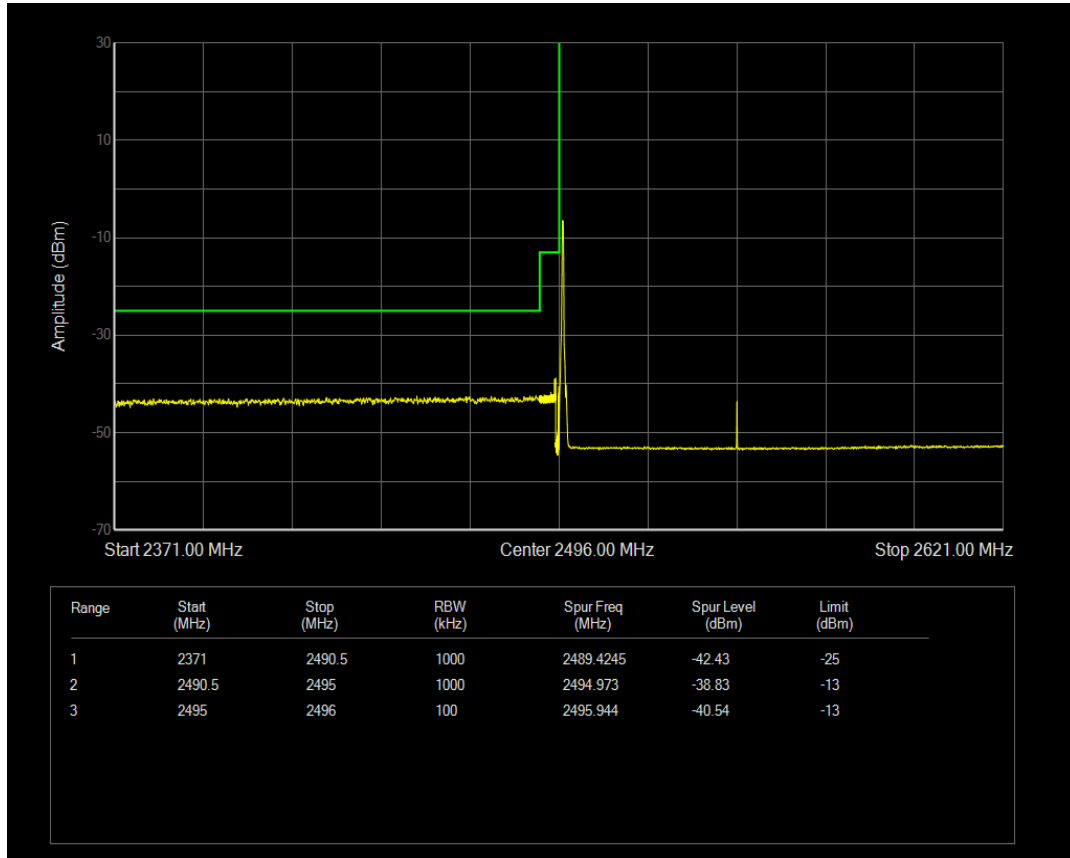
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



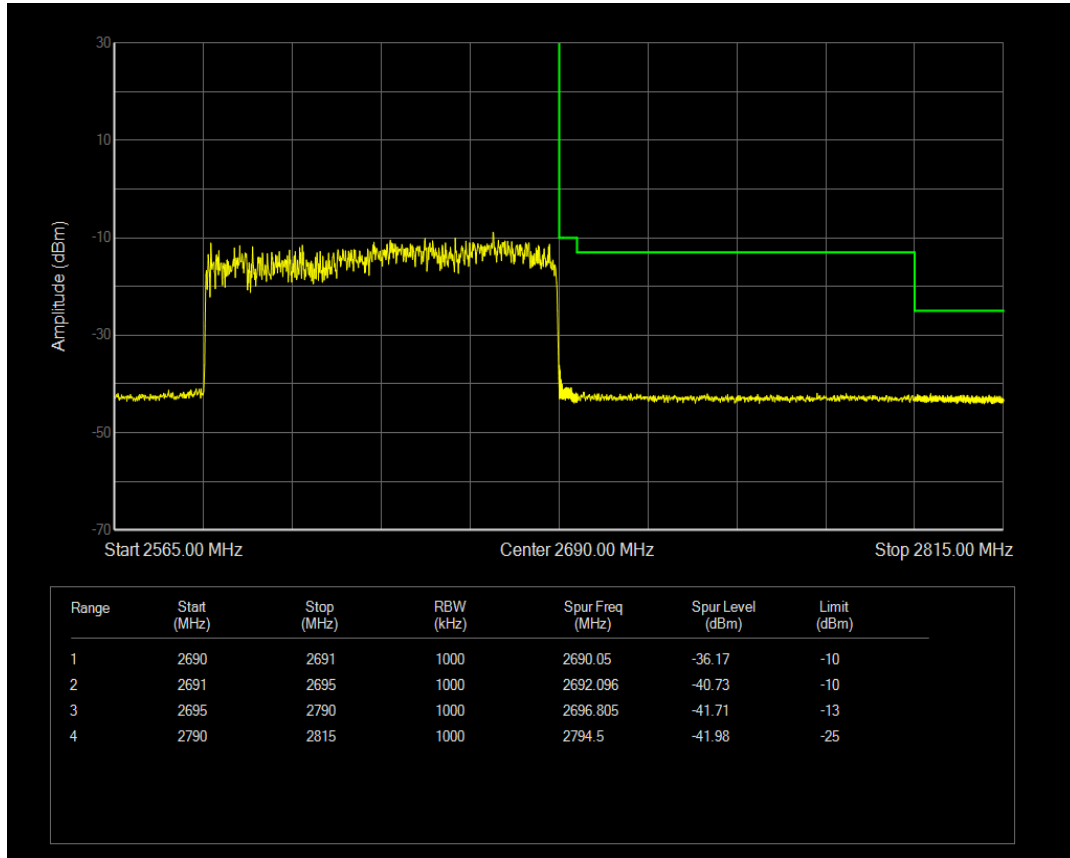
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant1



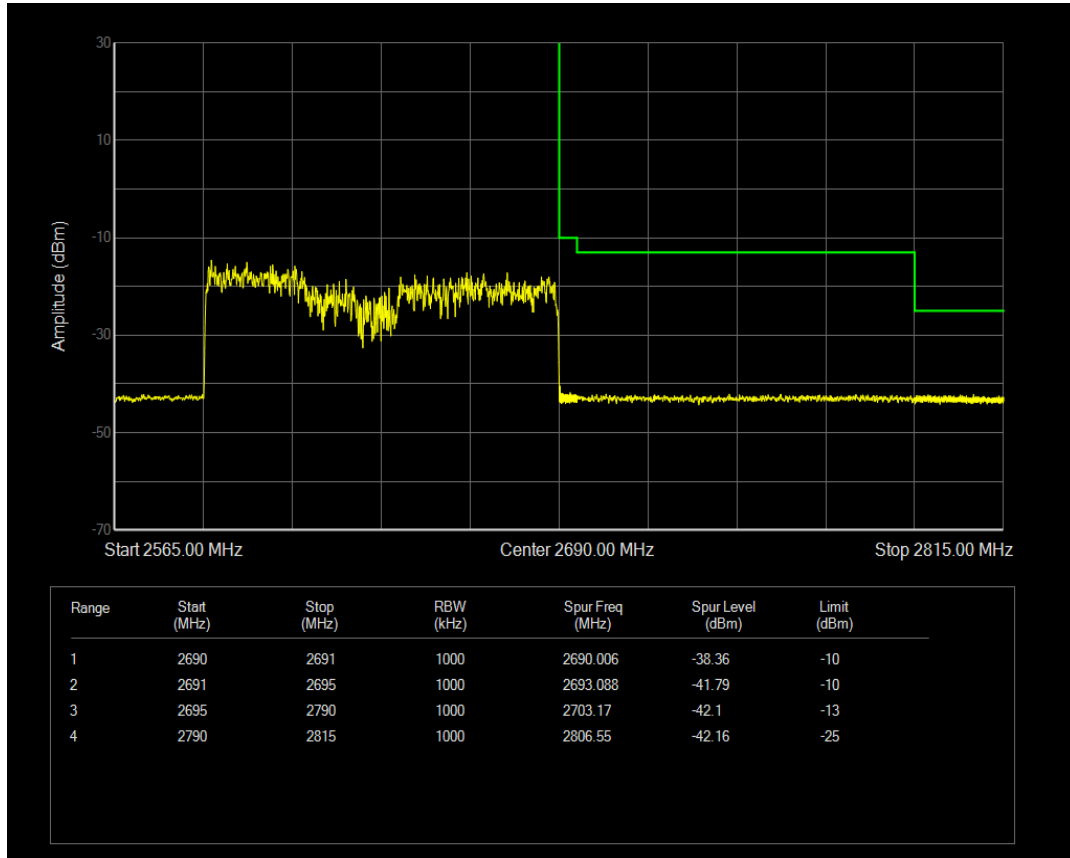
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant2



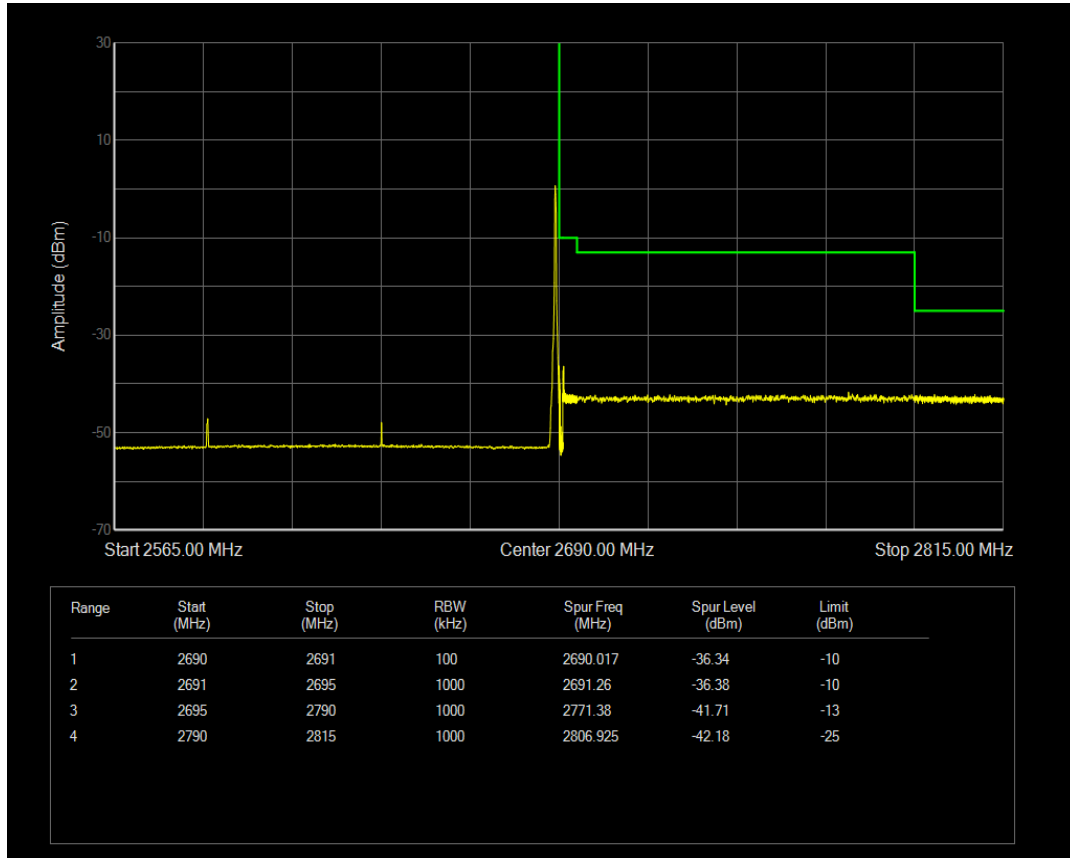
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



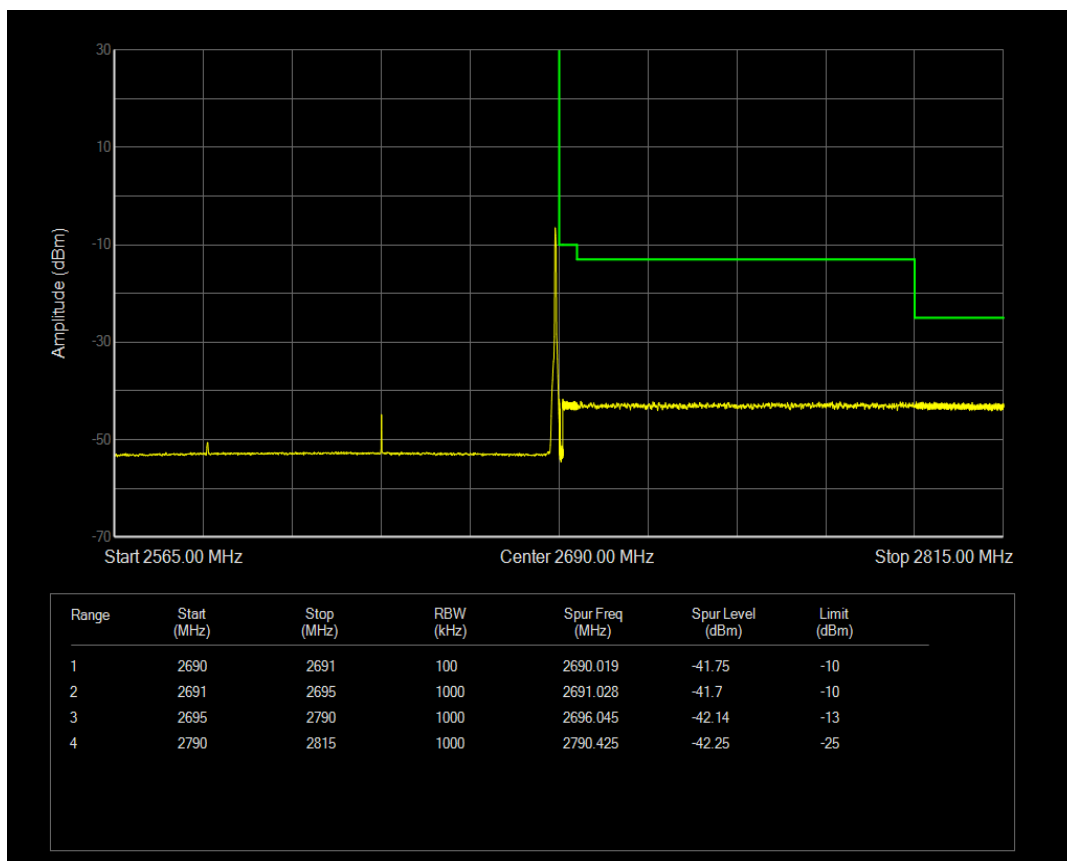
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272 ant1



n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272 ant2

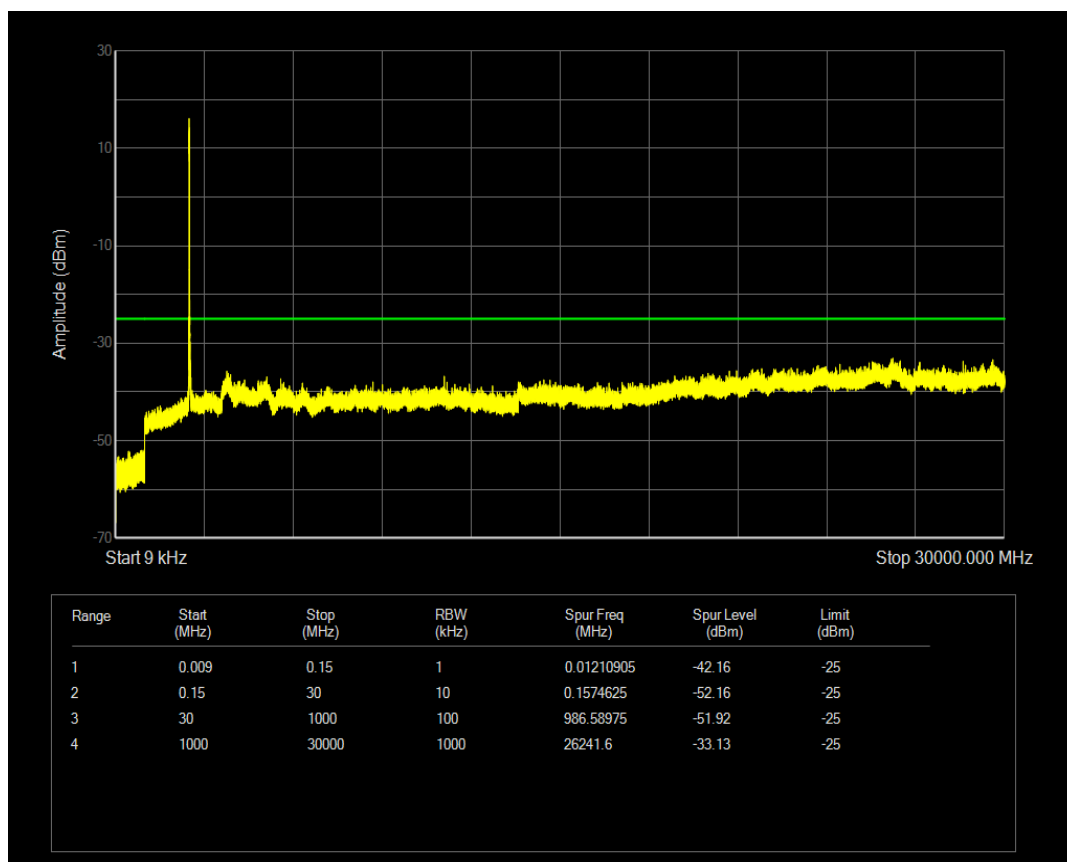


6 Out-of-band emissions for NR FR1 UL-MIMO

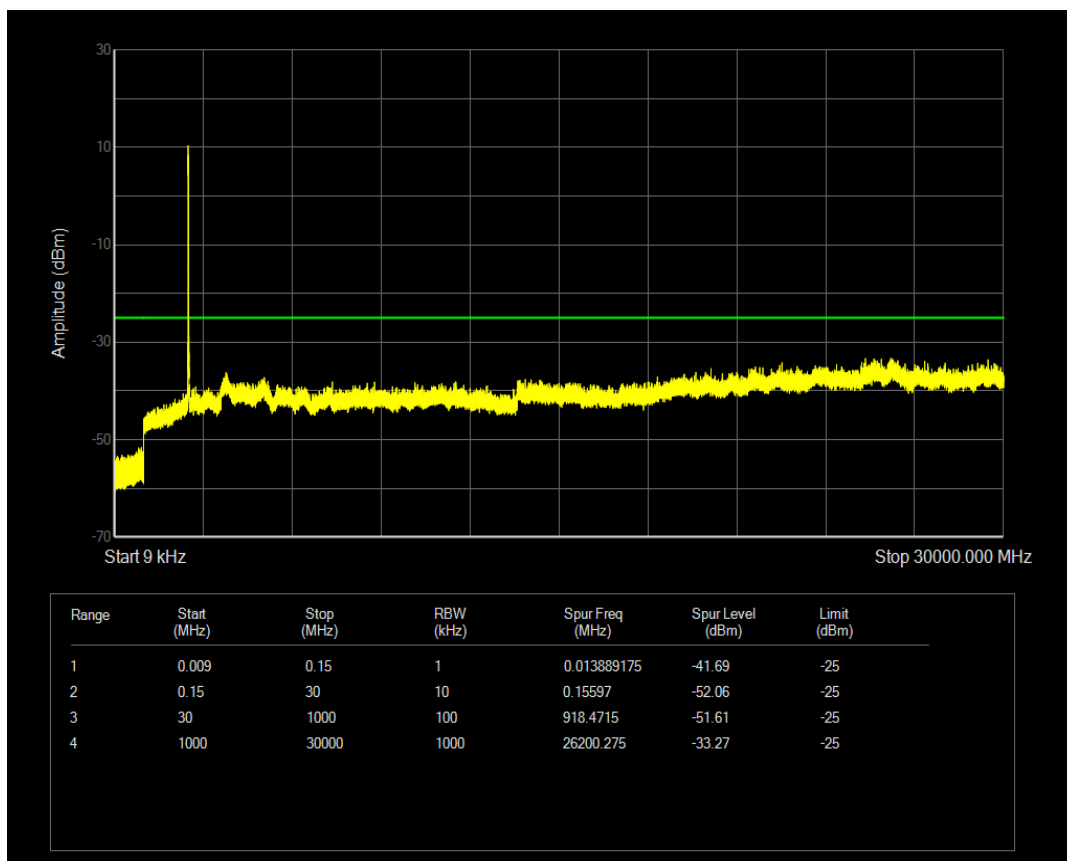
Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	ant1	30	20	501204	51@0	CP_QPSK	26241.60	-33.13	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	26200.28	-33.27	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	26177.08	-32.93	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	26257.55	-33.13	-25	PASS
n41	ant1	30	20	501204	1@50	CP_QPSK	26220.58	-32.82	-25	PASS
n41	ant2	30	20	501204	1@50	CP_QPSK	26317.00	-33.32	-25	PASS
n41	ant1	30	20	518598	51@0	CP_QPSK	26283.65	-32.75	-25	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	26162.58	-33.07	-25	PASS
n41	ant1	30	20	518598	1@0	CP_QPSK	23897.68	-33.32	-25	PASS
n41	ant2	30	20	518598	1@0	CP_QPSK	25794.28	-33.06	-25	PASS
n41	ant1	30	20	518598	1@50	CP_QPSK	26385.15	-33.21	-25	PASS
n41	ant2	30	20	518598	1@50	CP_QPSK	25642.75	-31.89	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	26253.20	-32.92	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	26338.75	-33.23	-25	PASS
n41	ant1	30	20	535998	1@0	CP_QPSK	26395.30	-32.93	-25	PASS
n41	ant2	30	20	535998	1@0	CP_QPSK	26286.55	-32.40	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	25650.00	-32.14	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	26422.85	-32.34	-25	PASS

n41	ant1	30	100	509202	273@0	CP_QPSK	26121.98	-33.21	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	26285.83	-33.12	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	25499.93	-32.89	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	29841.95	-33.64	-25	PASS
n41	ant1	30	100	509202	1@272	CP_QPSK	26231.45	-32.47	-25	PASS
n41	ant2	30	100	509202	1@272	CP_QPSK	26350.35	-32.80	-25	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	25953.78	-33.24	-25	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	25687.70	-33.26	-25	PASS
n41	ant1	30	100	518598	1@0	CP_QPSK	26281.48	-32.82	-25	PASS
n41	ant2	30	100	518598	1@0	CP_QPSK	26267.70	-32.72	-25	PASS
n41	ant1	30	100	518598	1@272	CP_QPSK	26171.28	-32.37	-25	PASS
n41	ant2	30	100	518598	1@272	CP_QPSK	25615.93	-33.23	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	26249.58	-33.40	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	25661.60	-32.63	-25	PASS
n41	ant1	30	100	528000	1@0	CP_QPSK	25829.80	-33.33	-25	PASS
n41	ant2	30	100	528000	1@0	CP_QPSK	25588.38	-32.96	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	25760.93	-32.80	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	26283.65	-32.67	-25	PASS

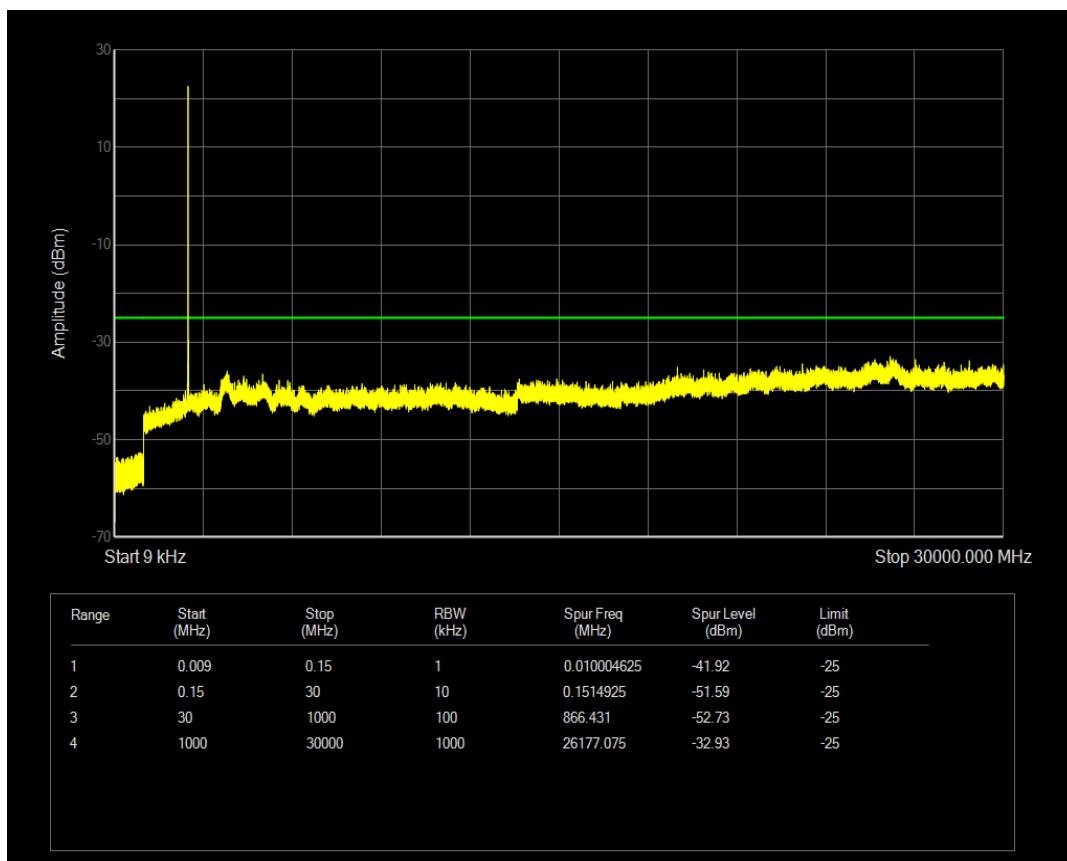
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



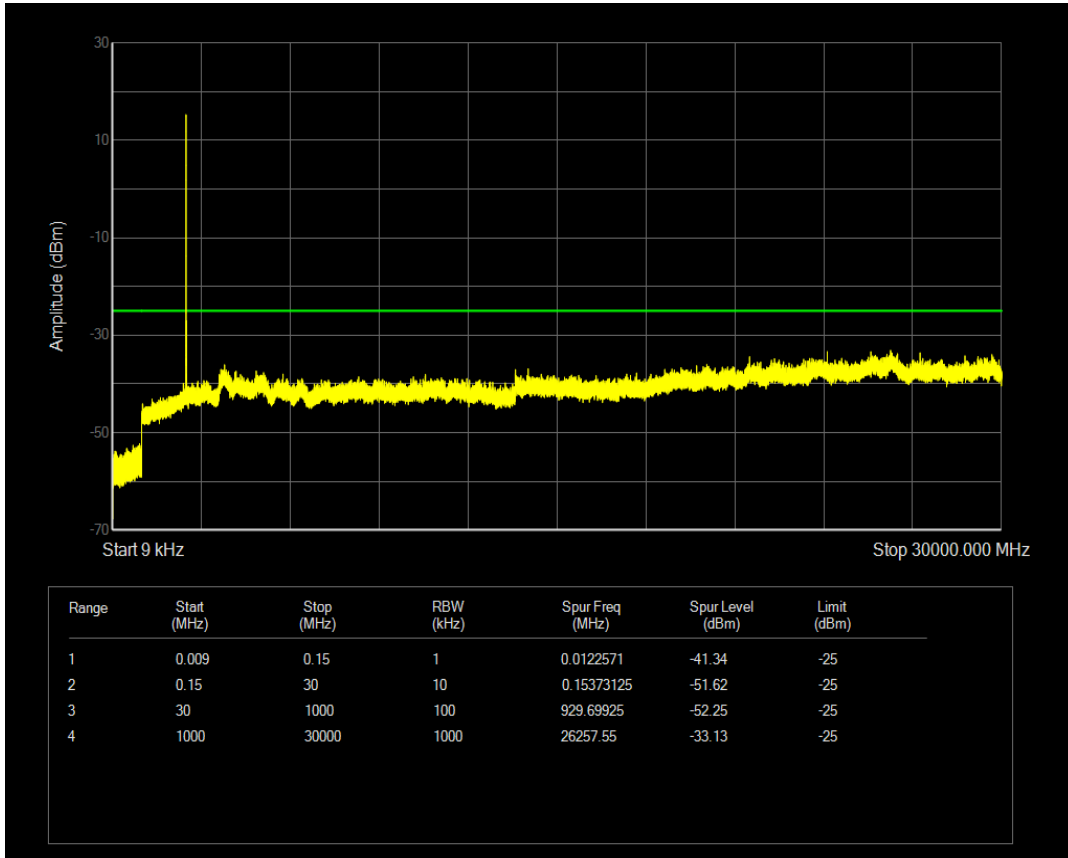
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant2



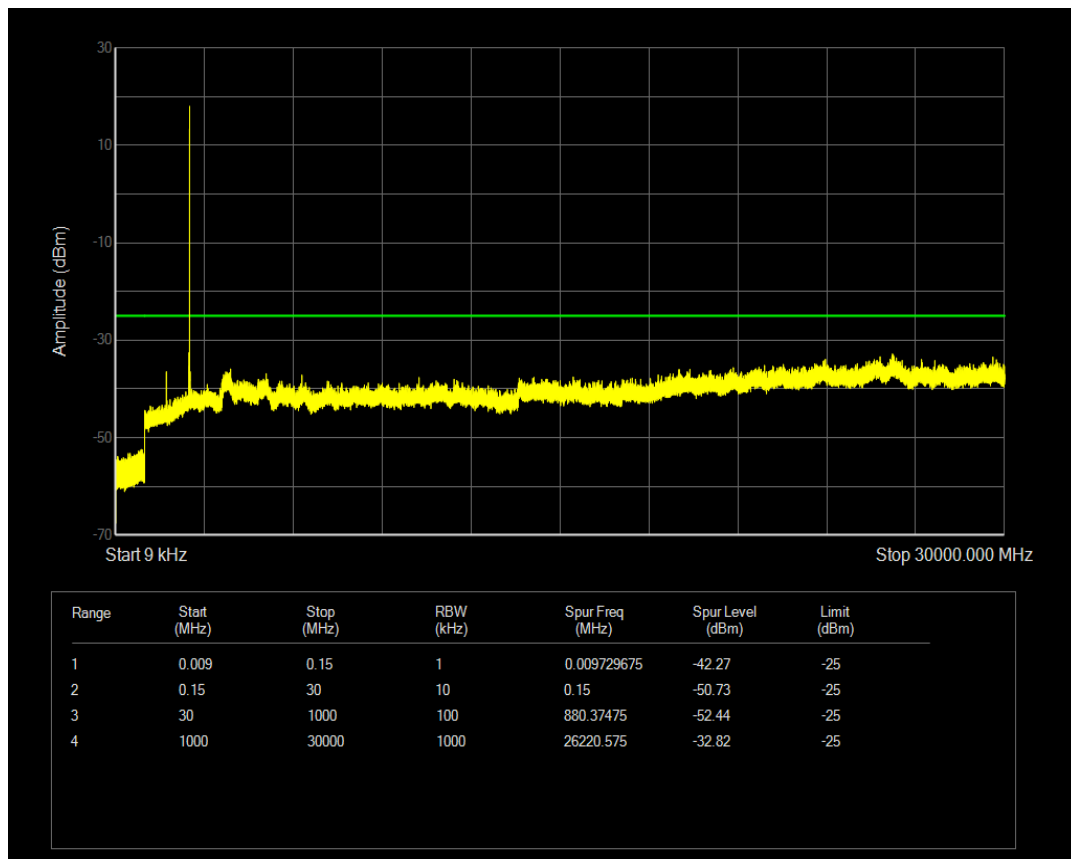
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant1



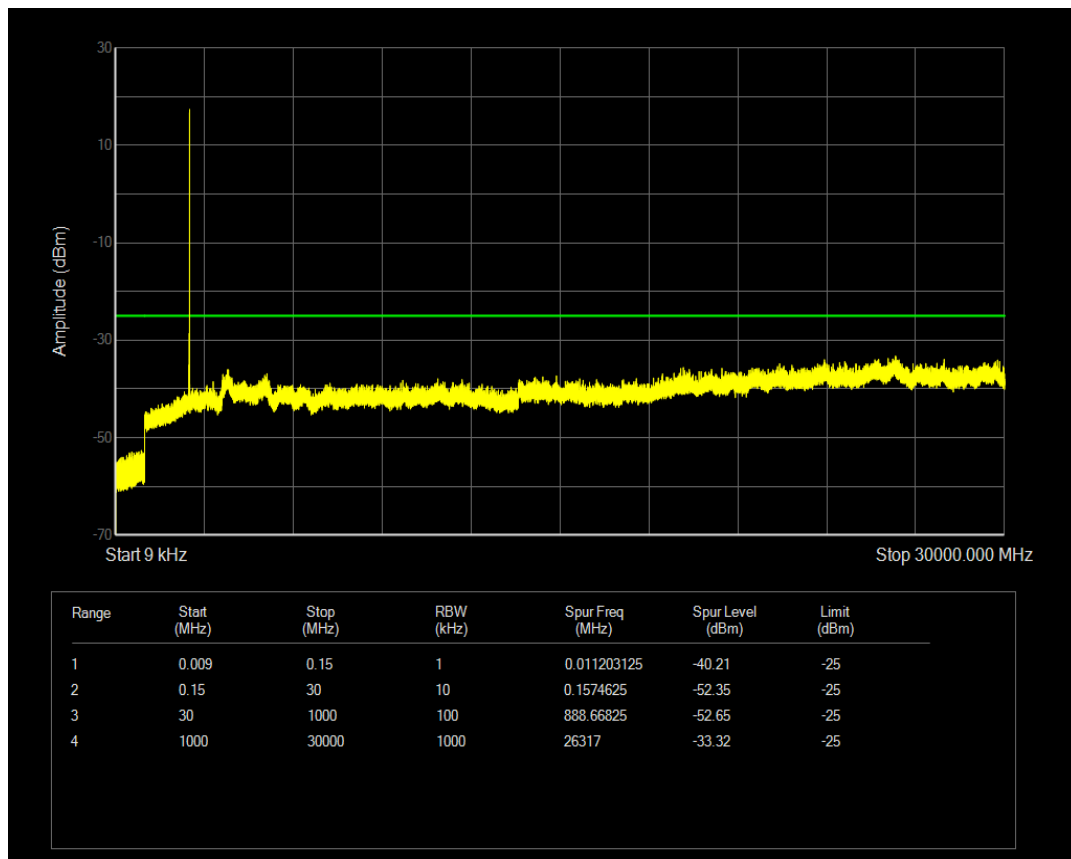
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant2



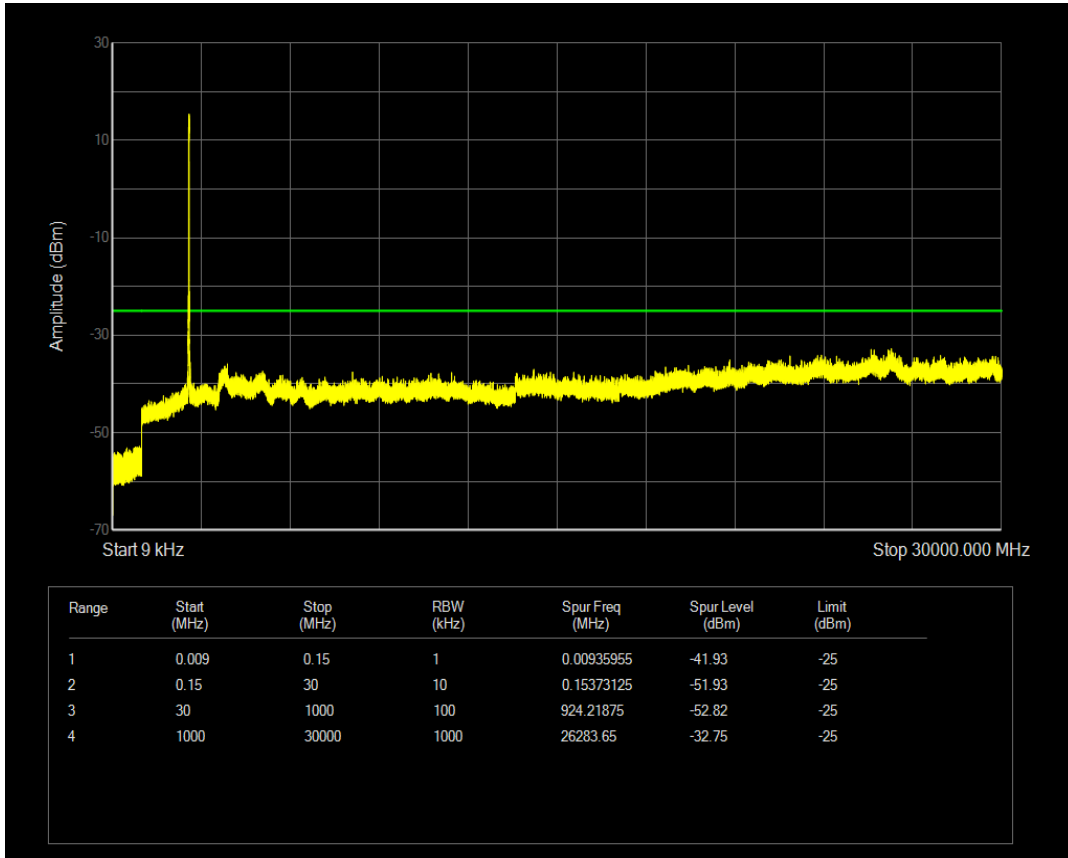
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50 ant1



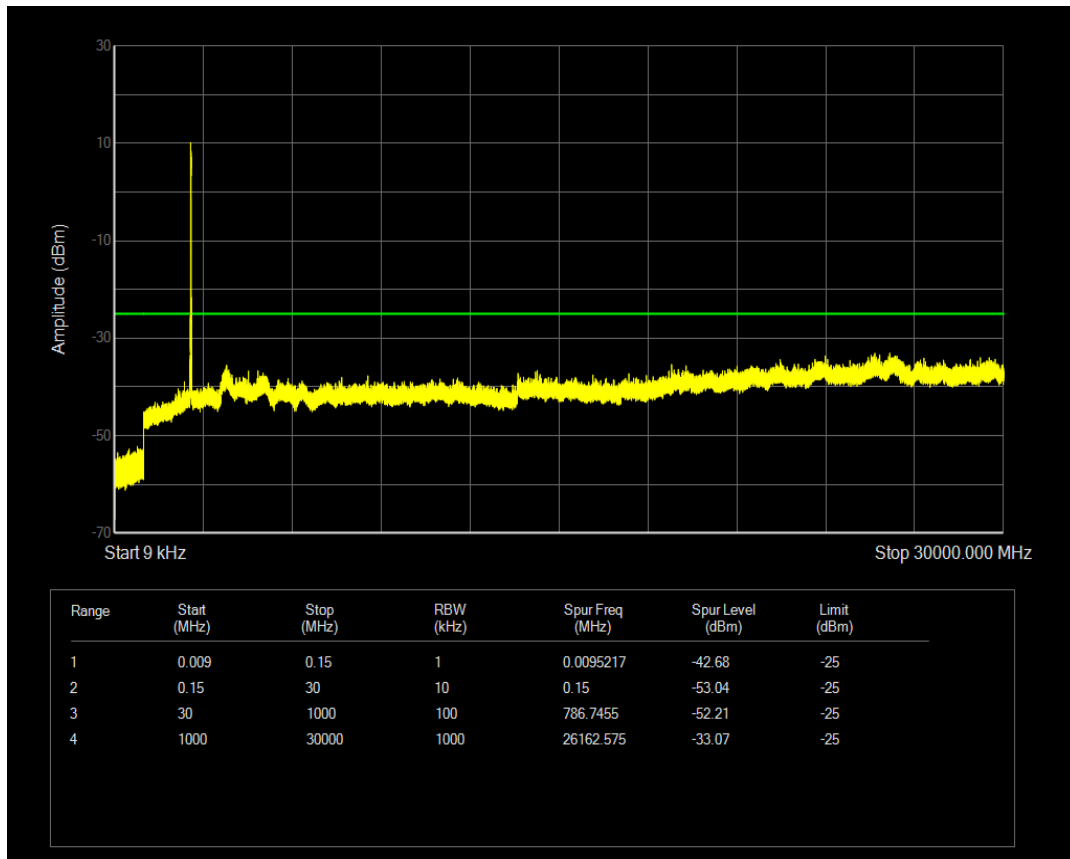
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50 ant2



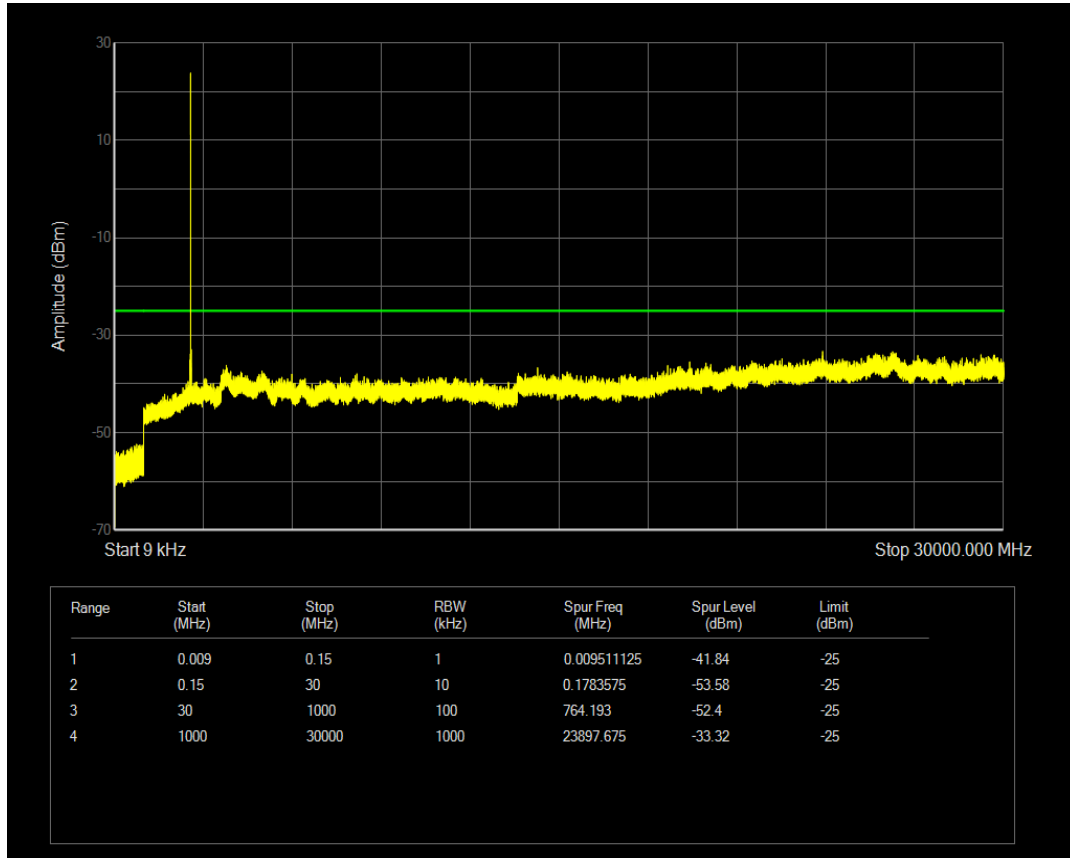
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant1



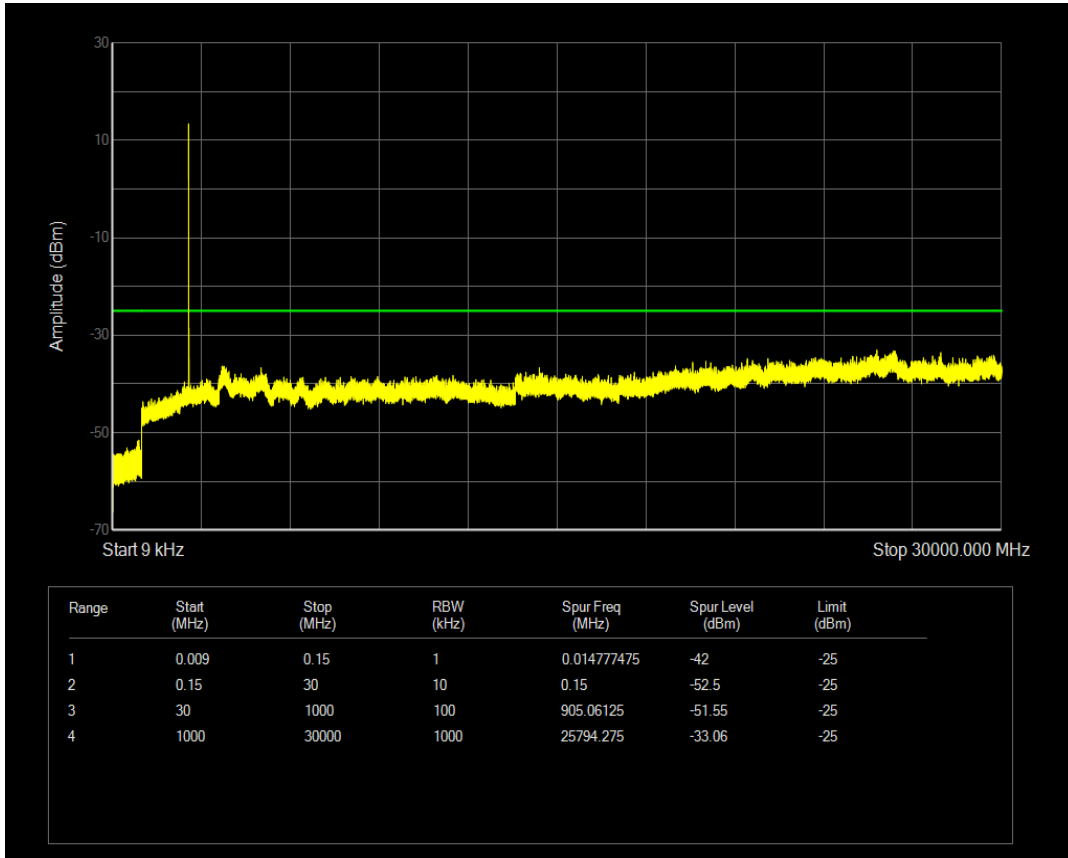
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant2



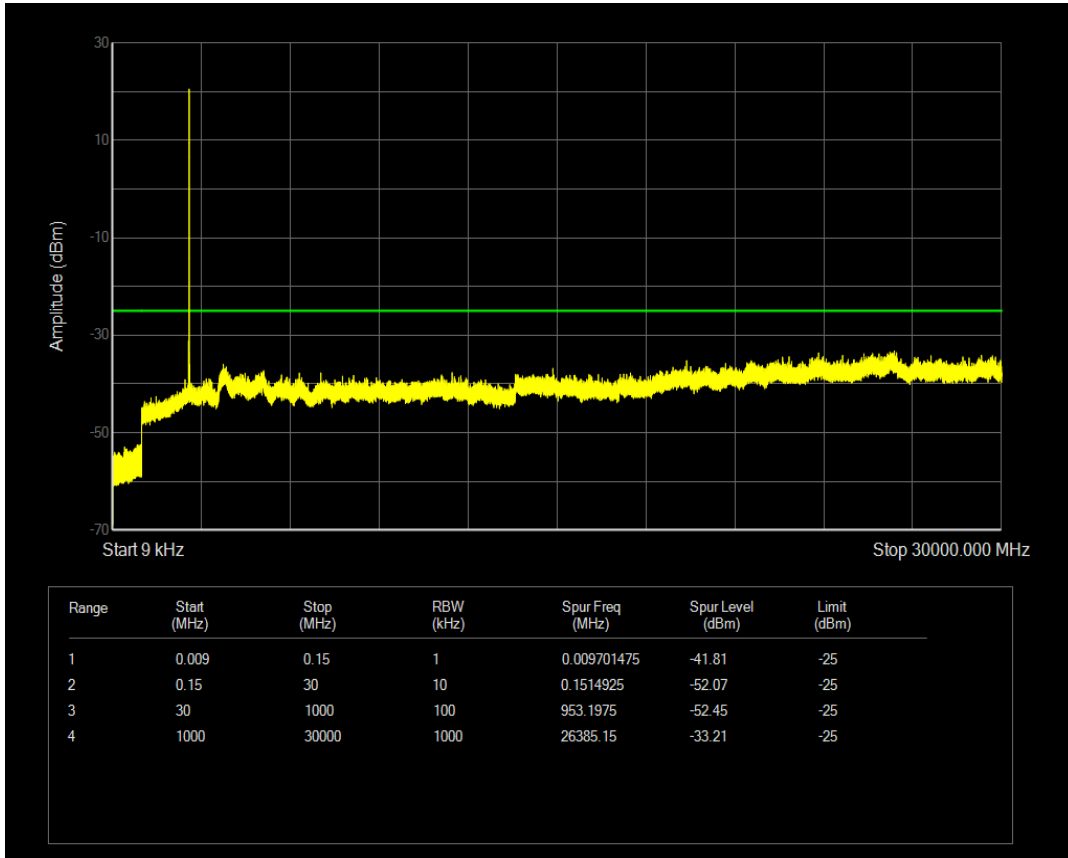
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@0 ant1



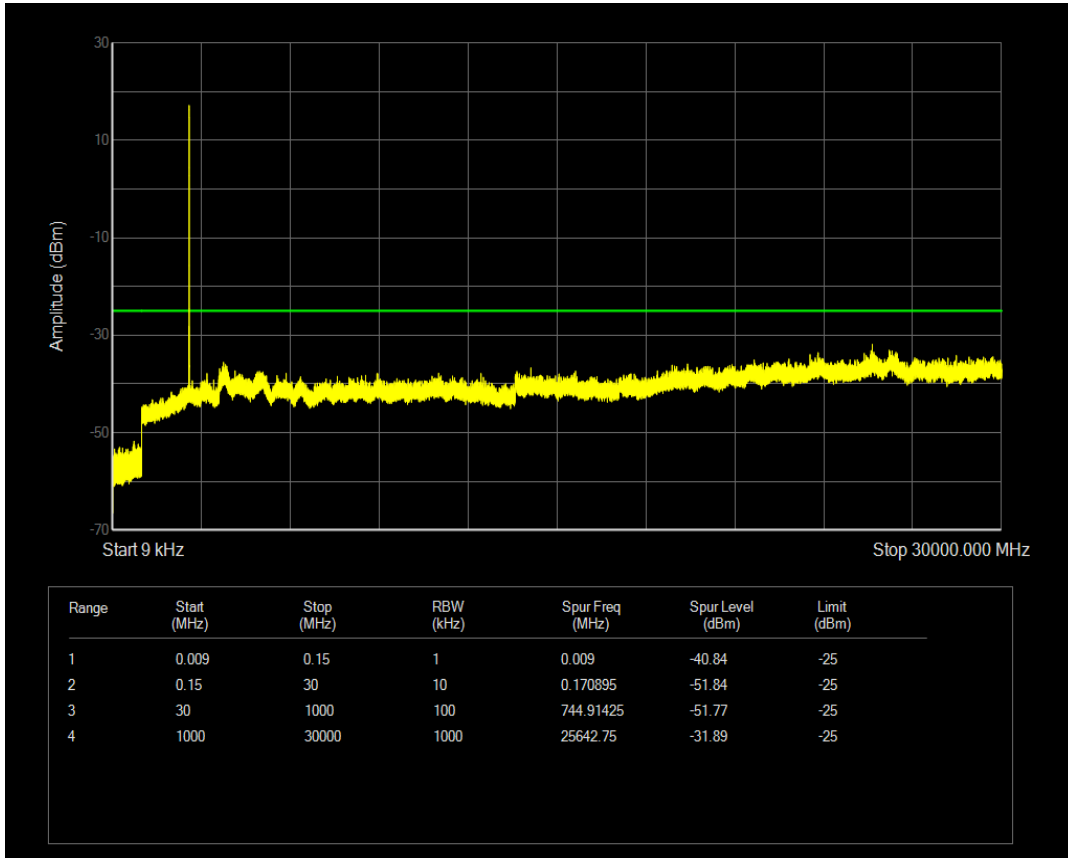
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@0 ant2



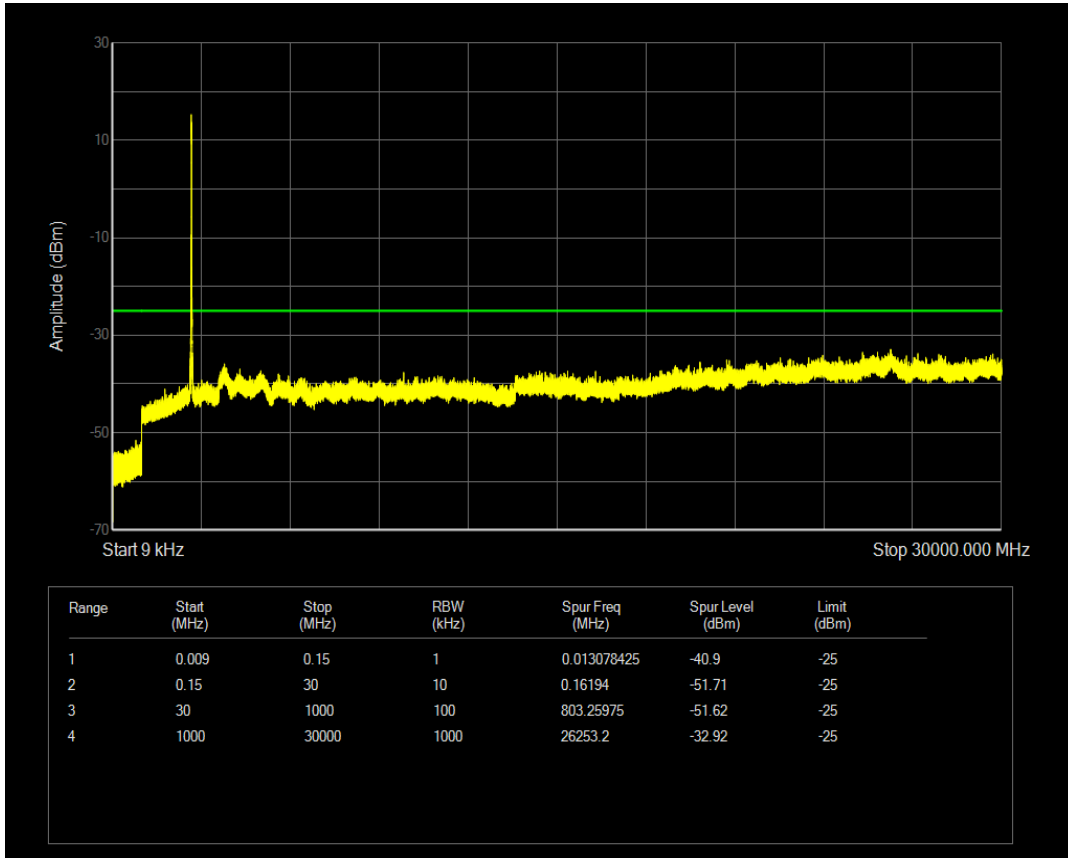
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@50 ant1



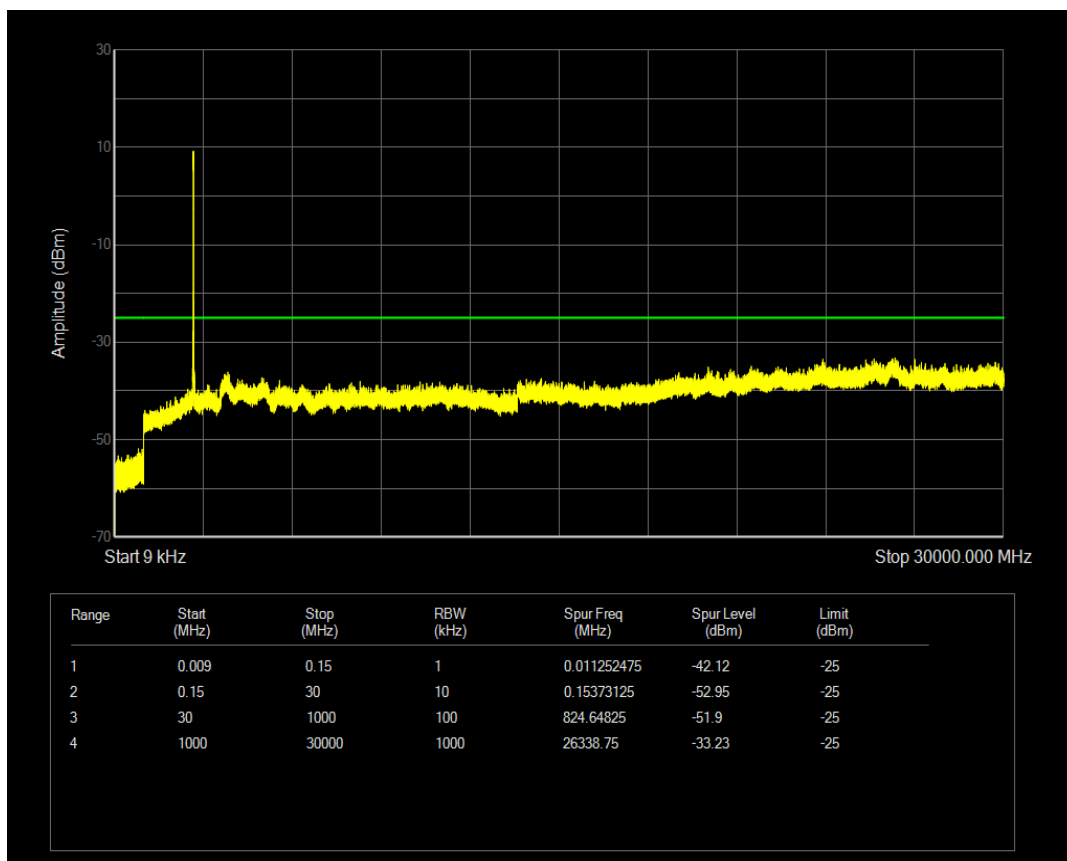
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@50 ant2



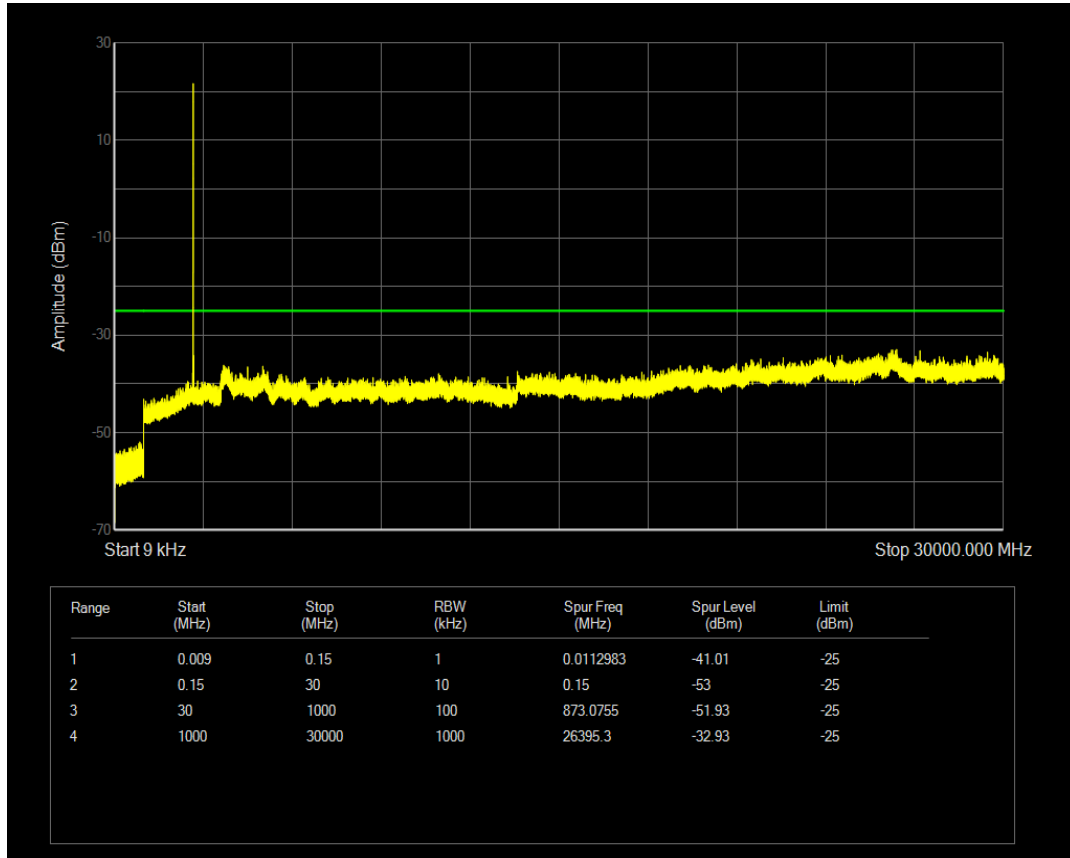
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant1



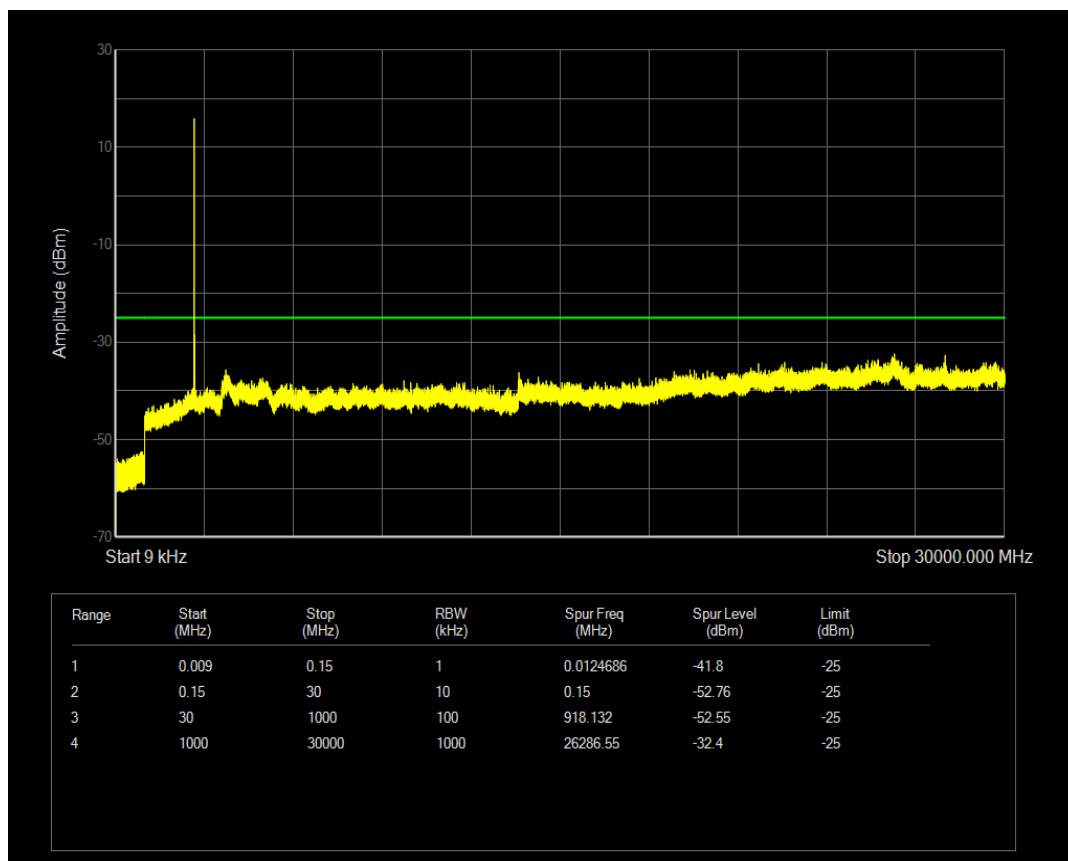
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant2



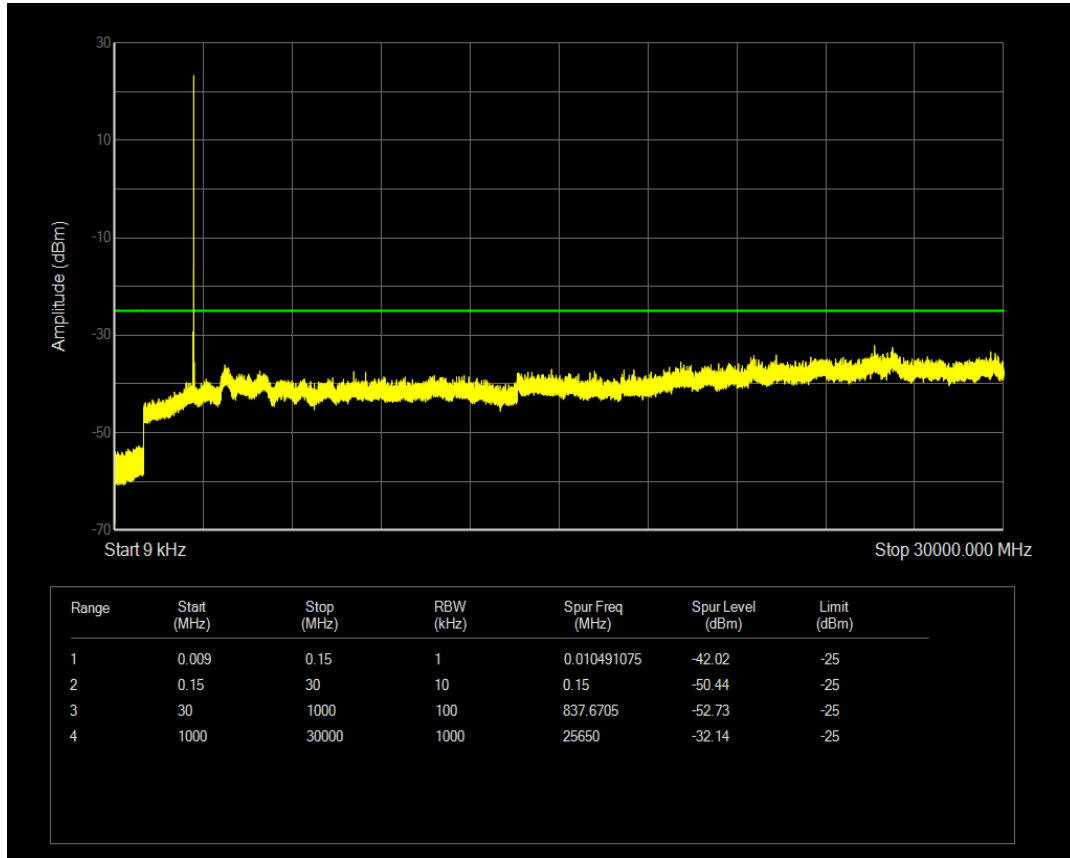
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@0 ant1



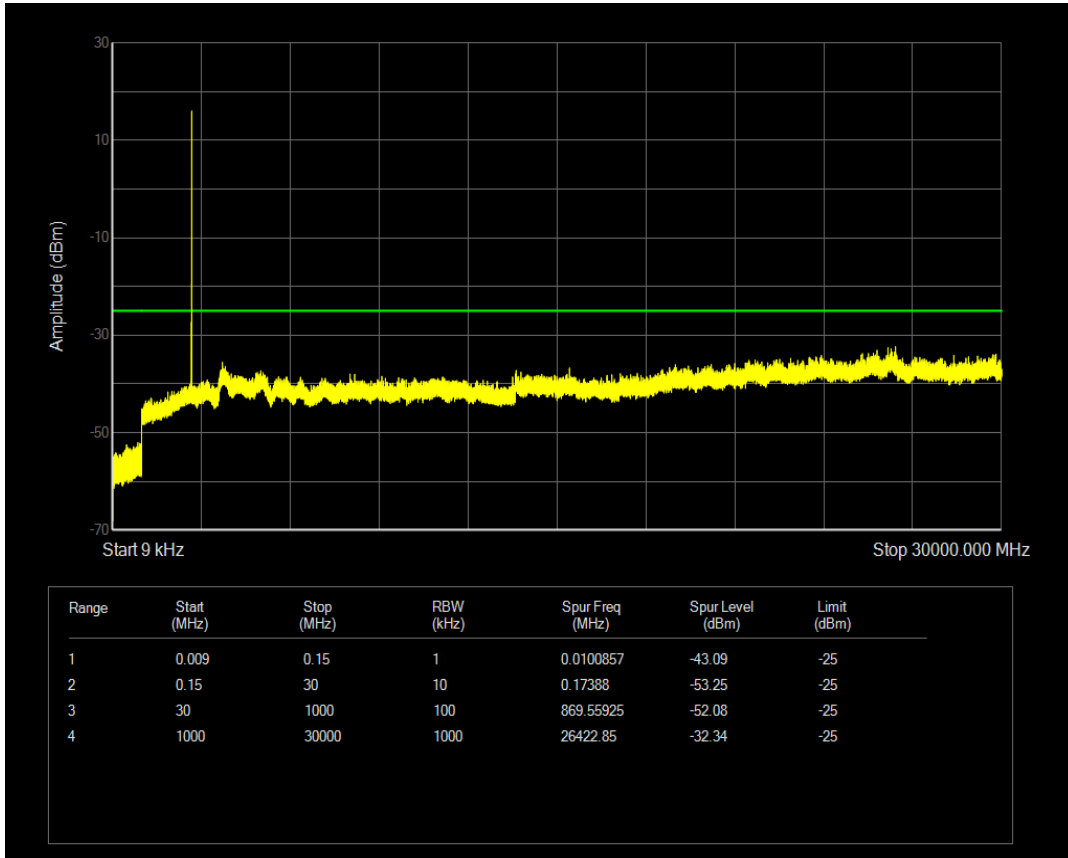
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@0 ant2



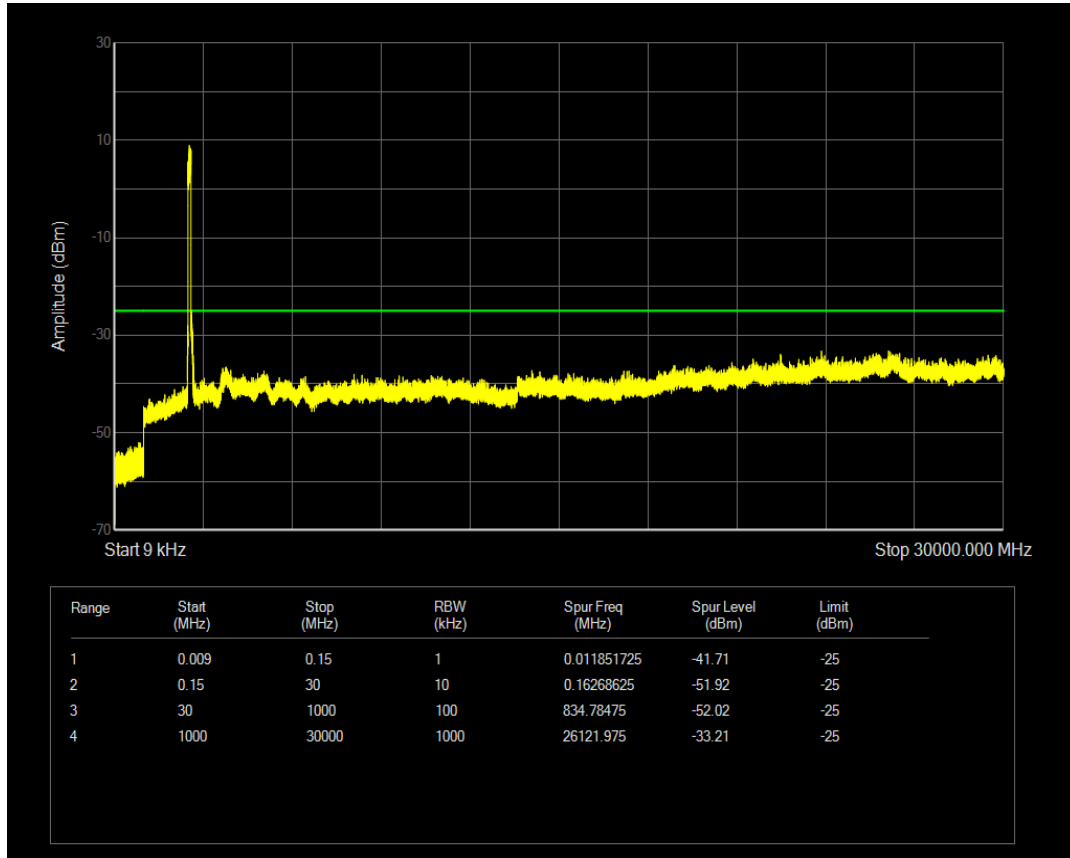
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant1



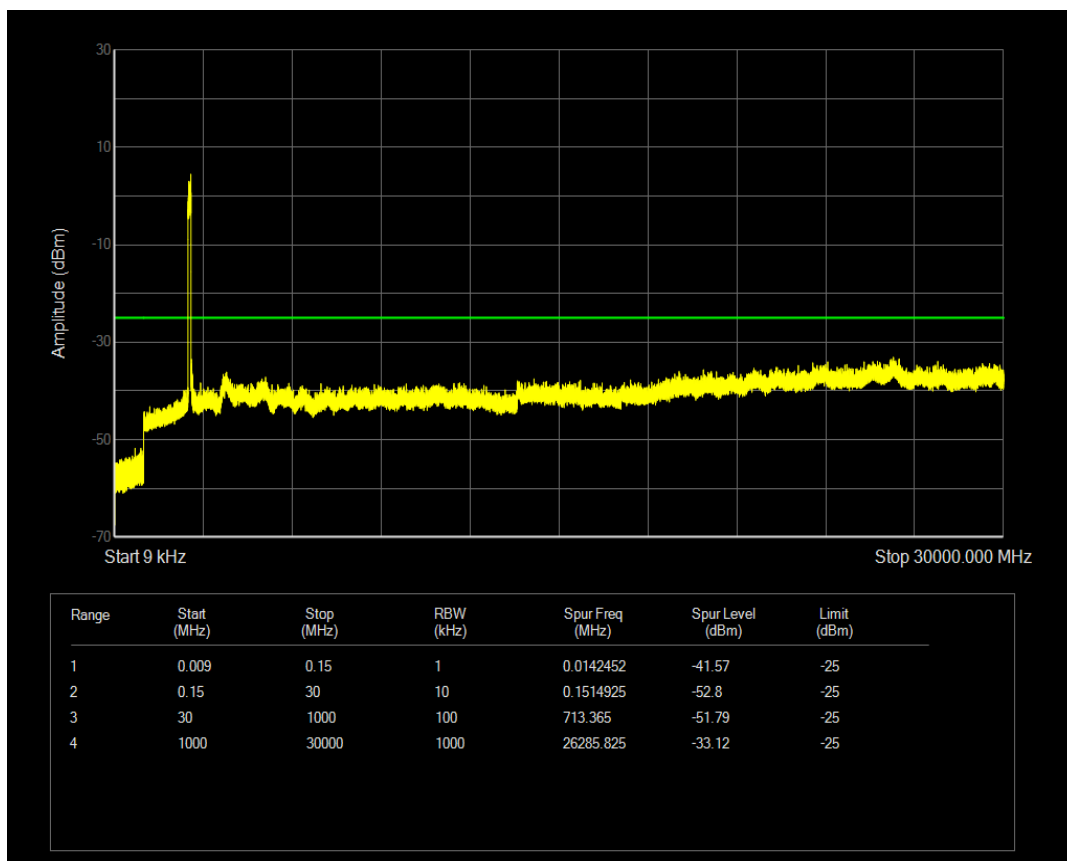
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant2



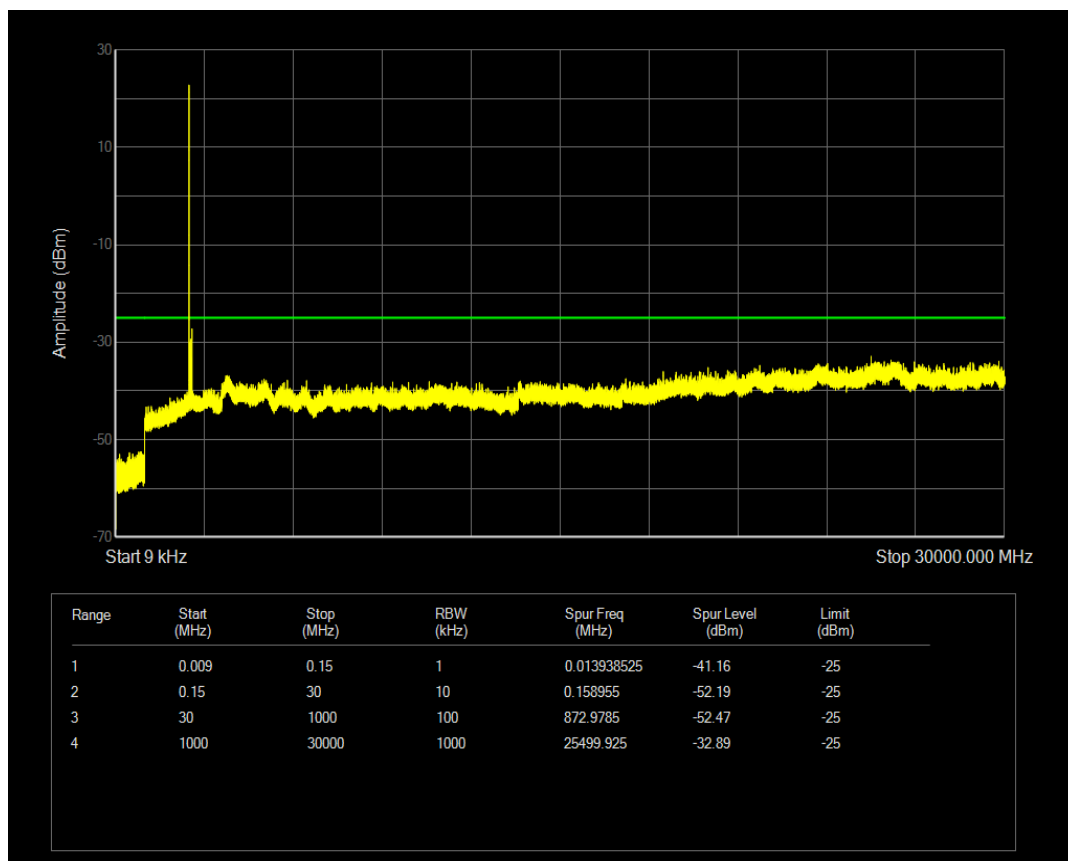
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



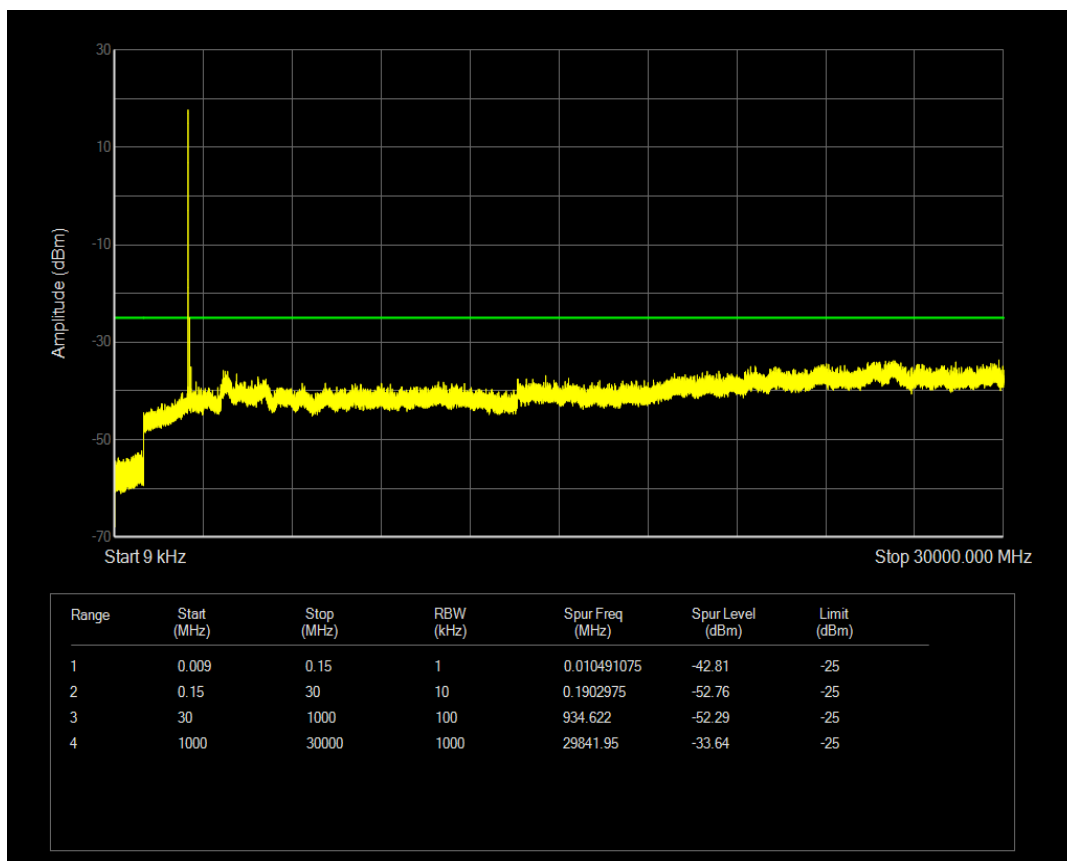
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



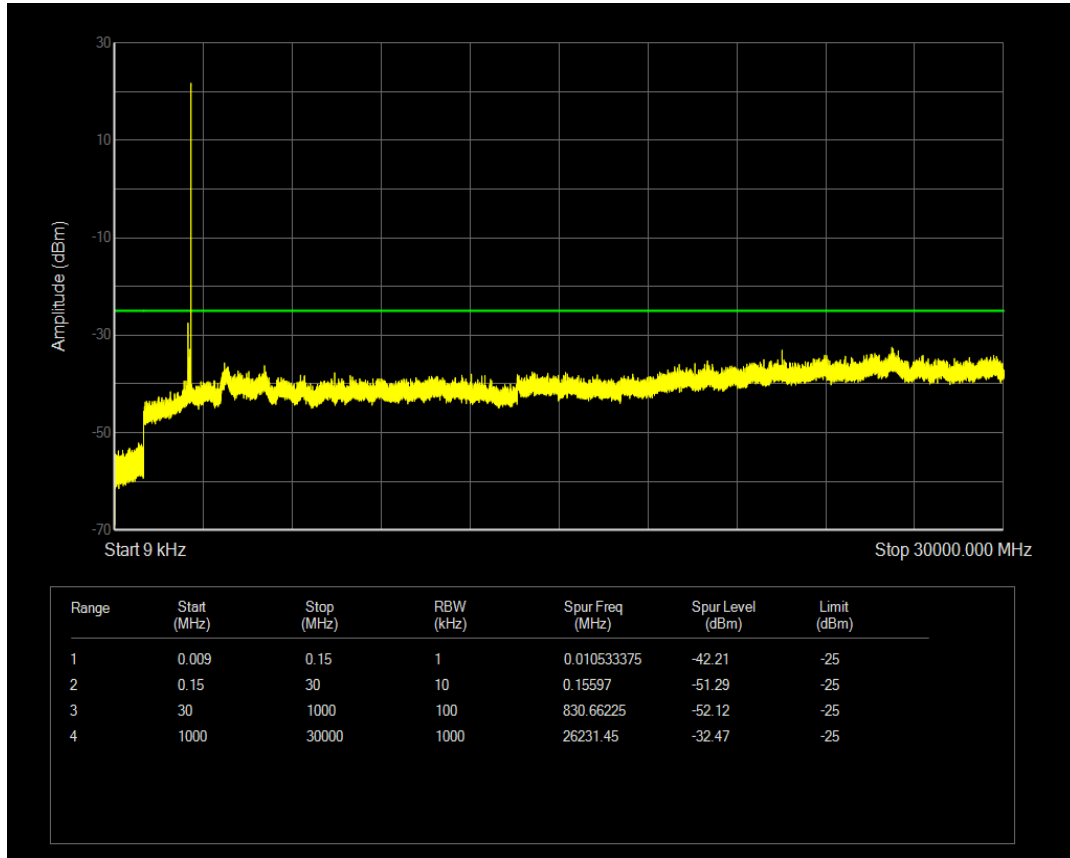
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant1



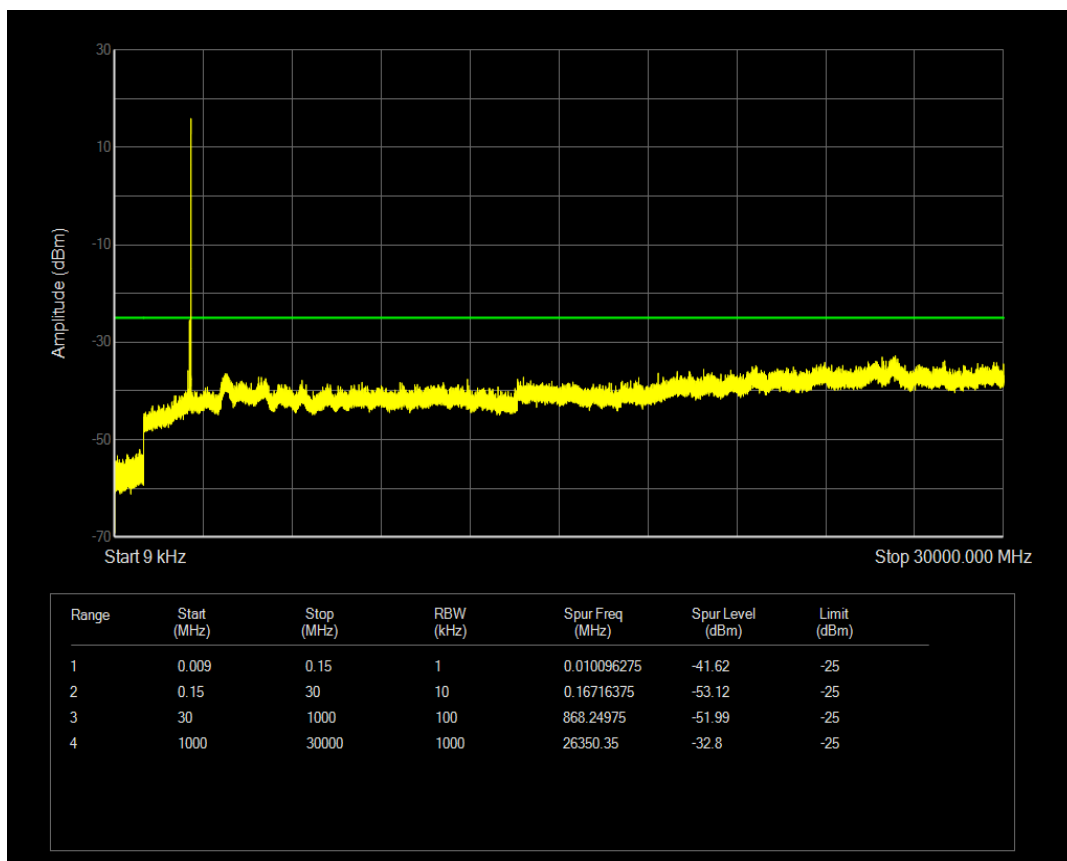
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant2



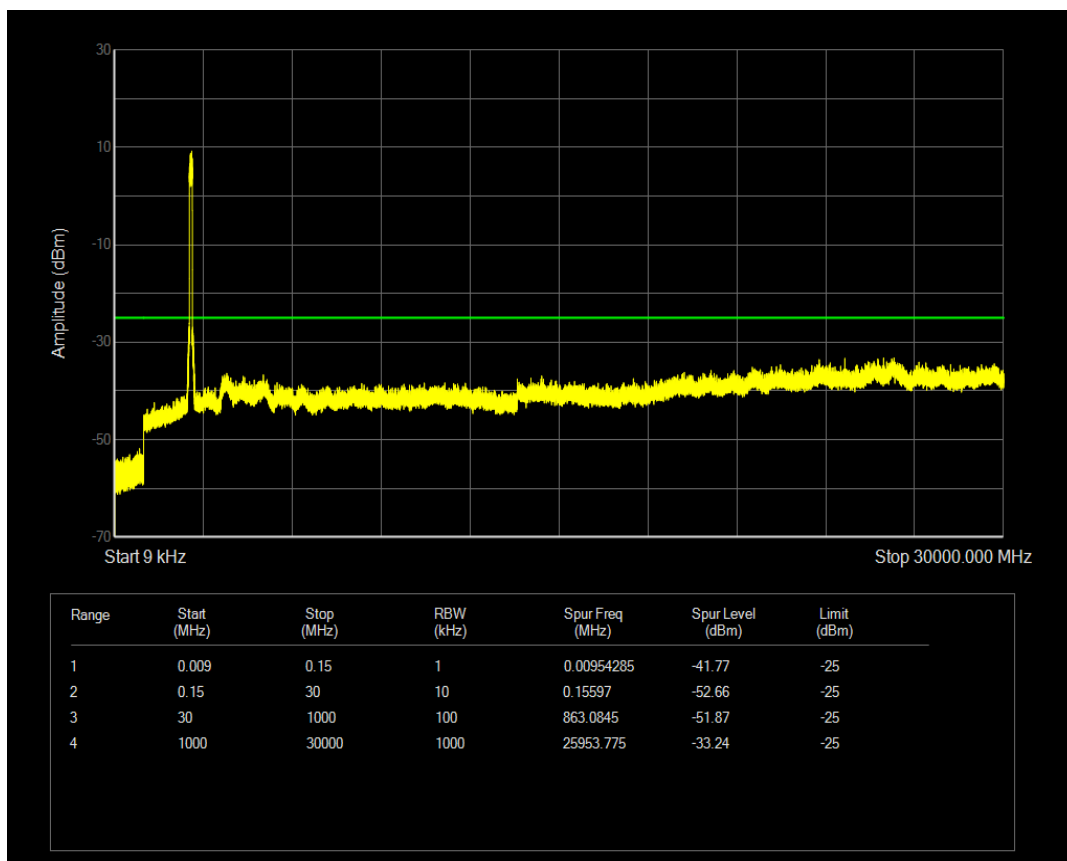
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272 ant1



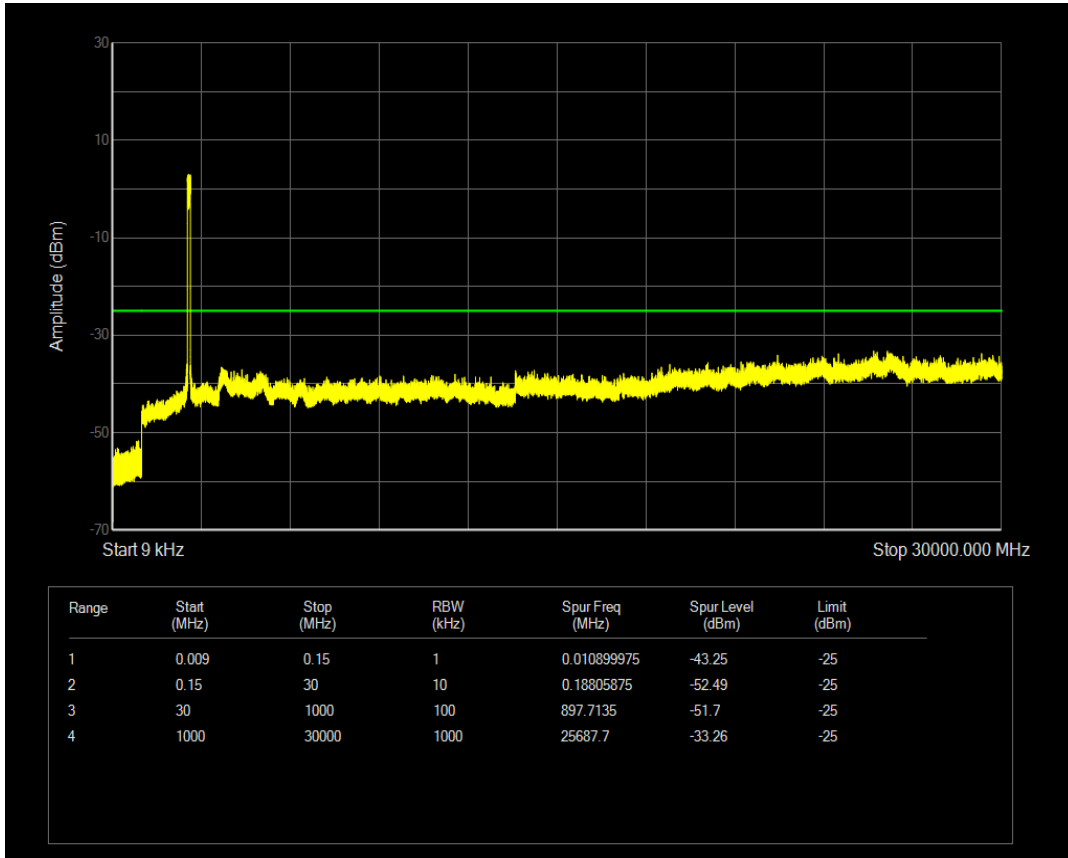
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272 ant2



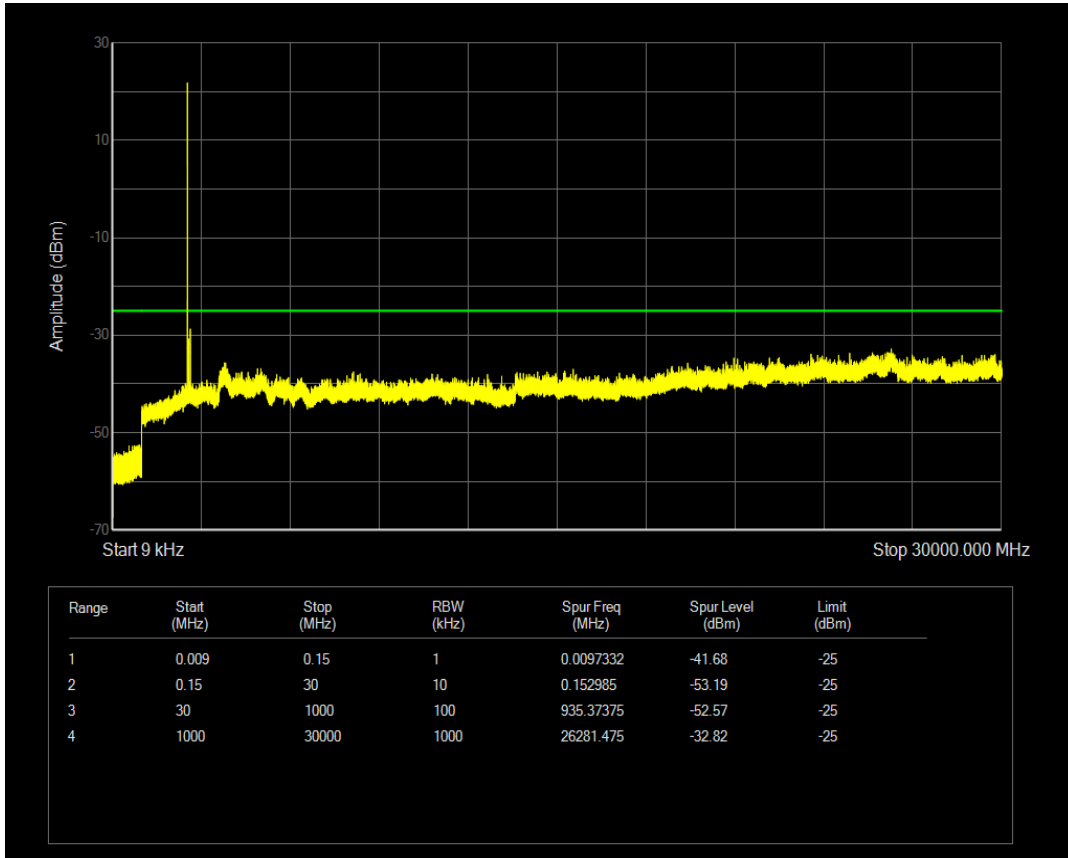
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant1



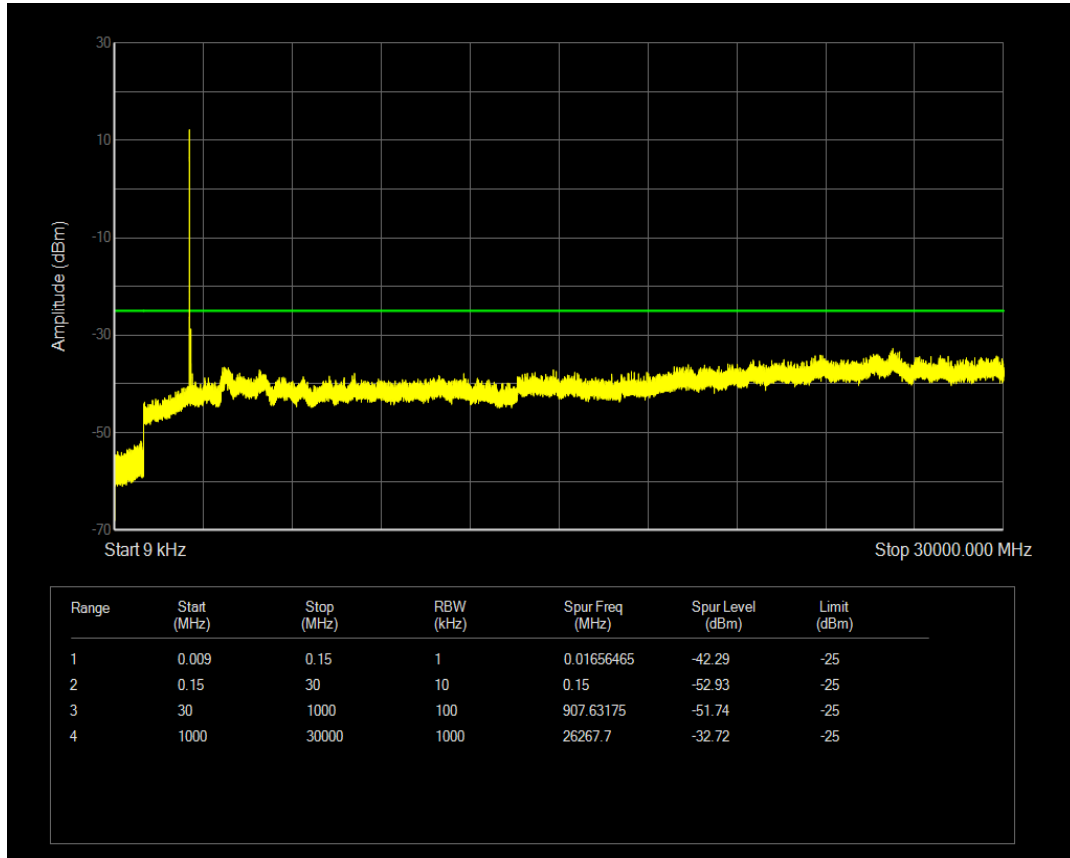
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant2



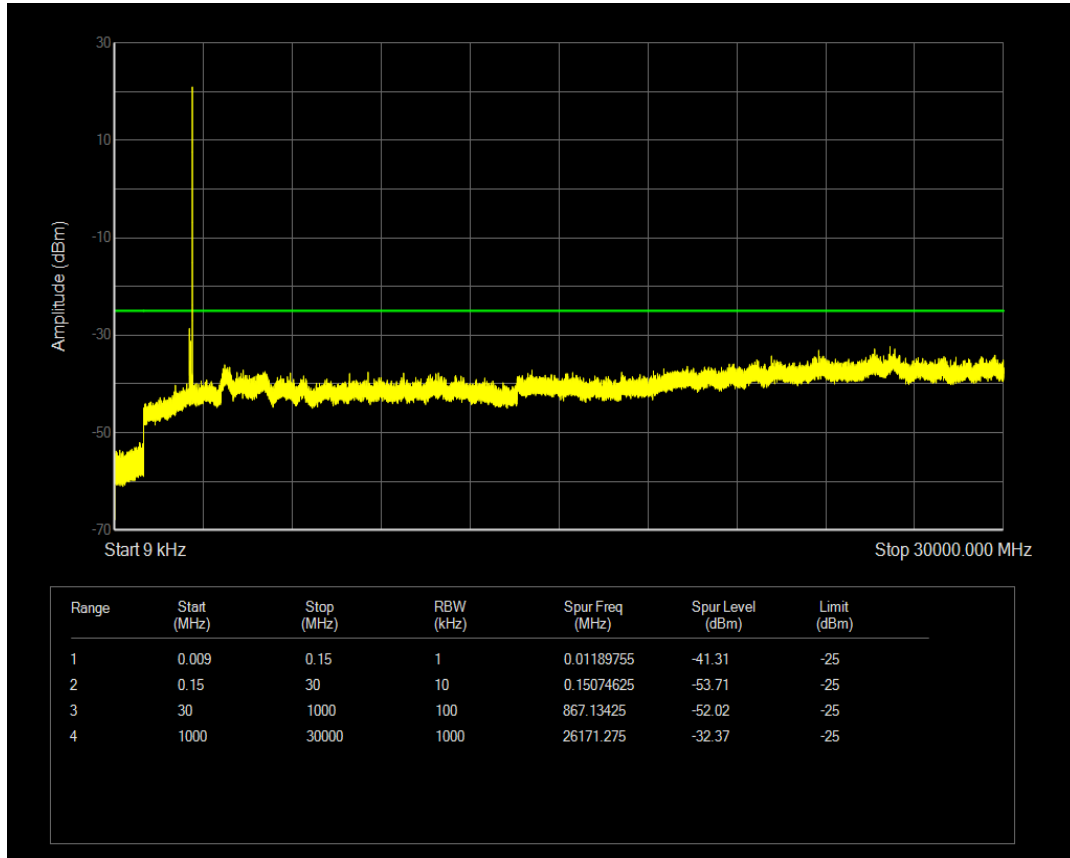
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=1@0 ant1



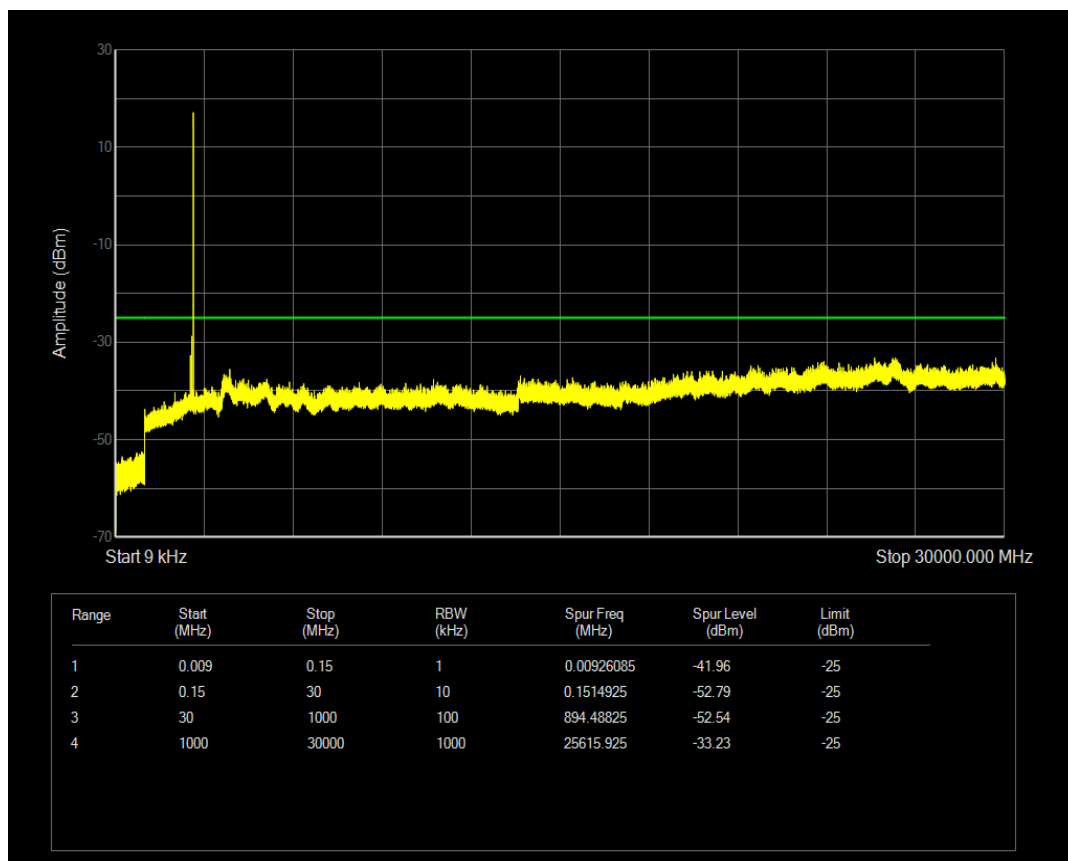
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=1@0 ant2



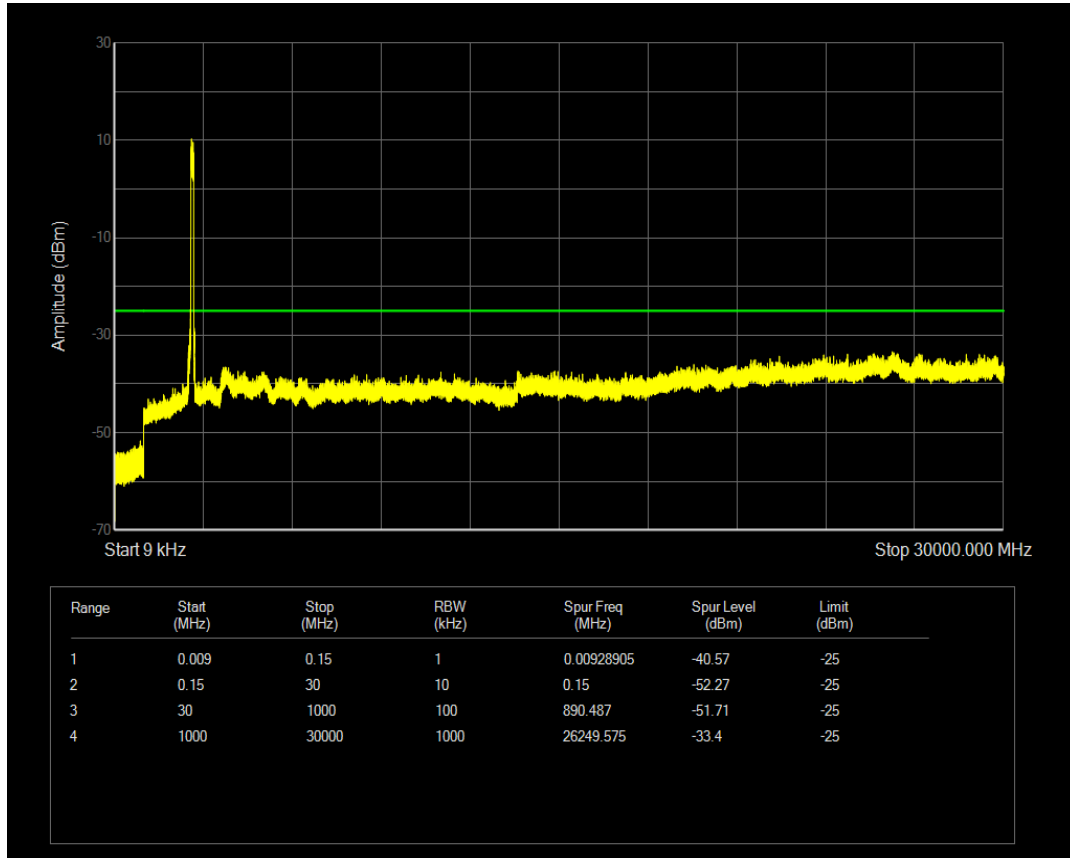
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=1@272 ant1



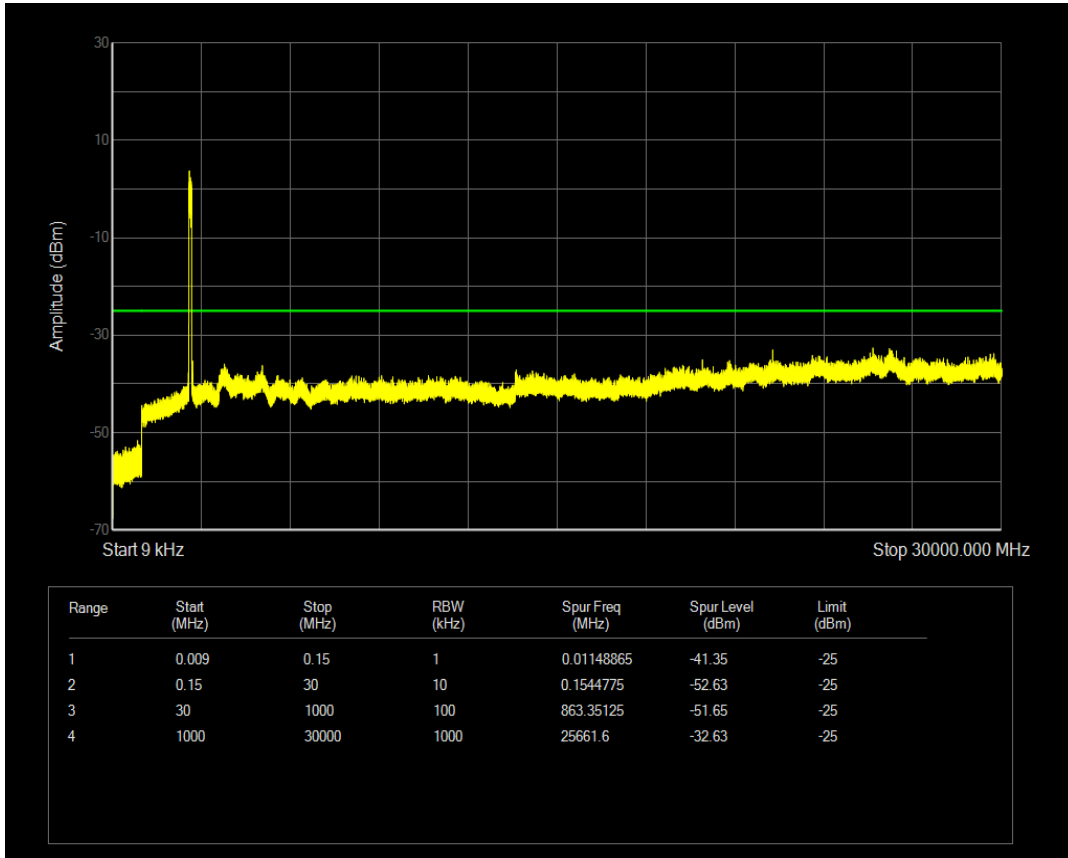
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=1@272 ant2



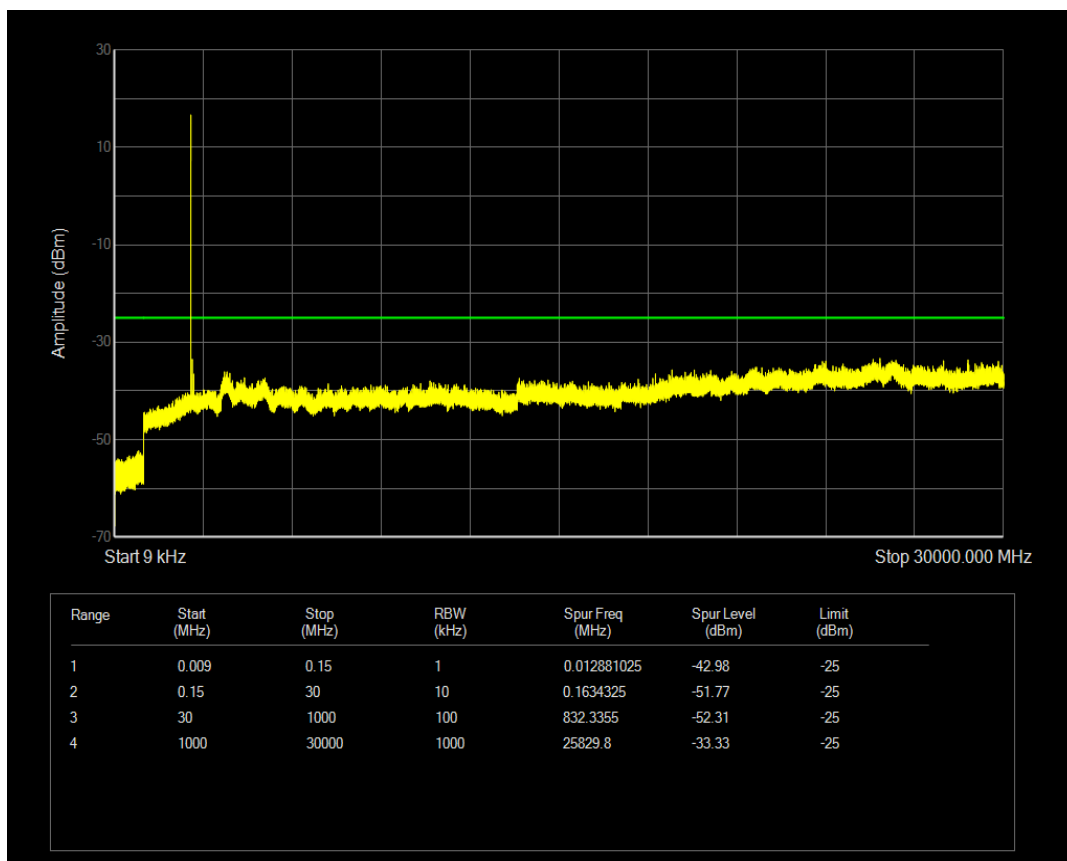
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



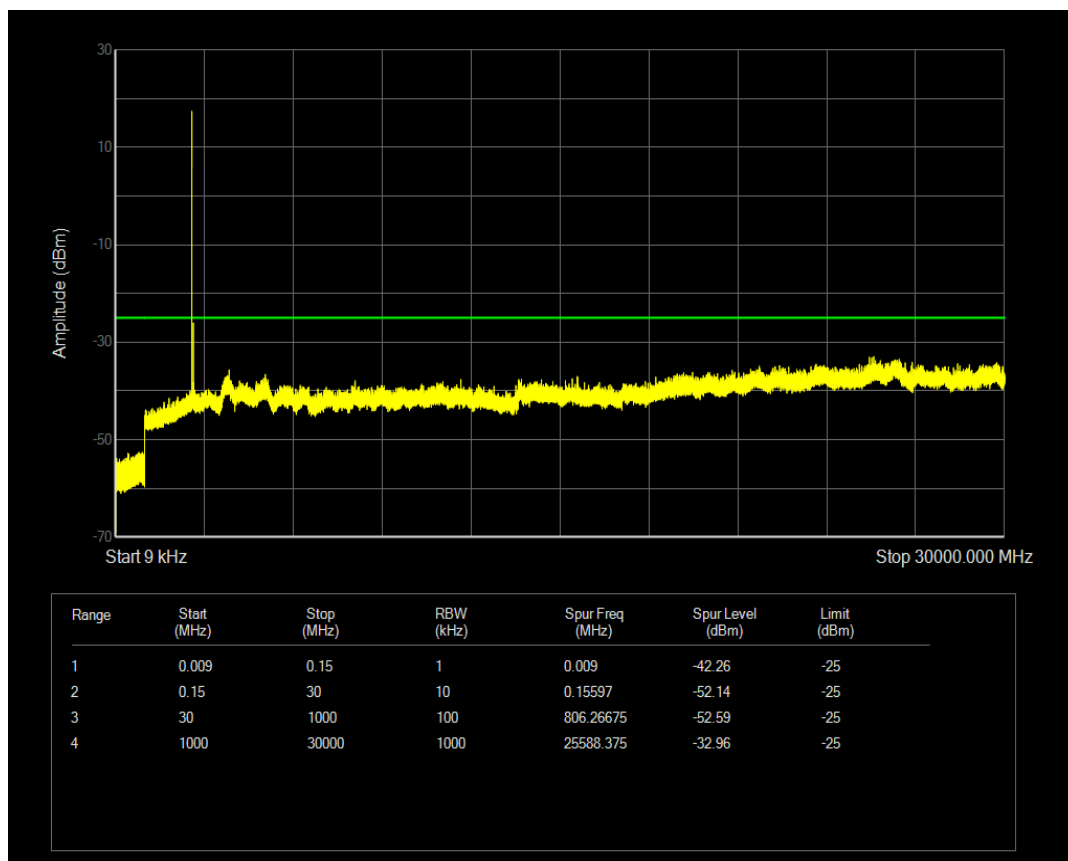
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



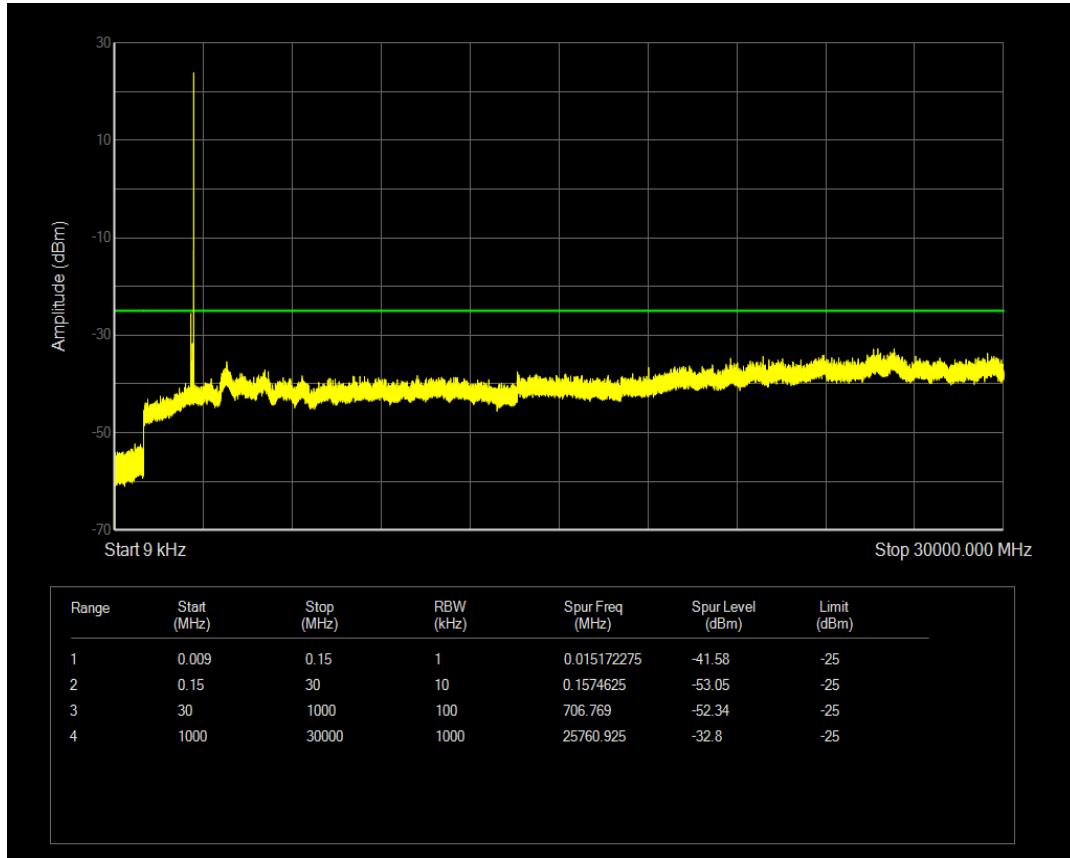
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0 ant1



n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0 ant2



n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272 ant1



n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272 ant2

