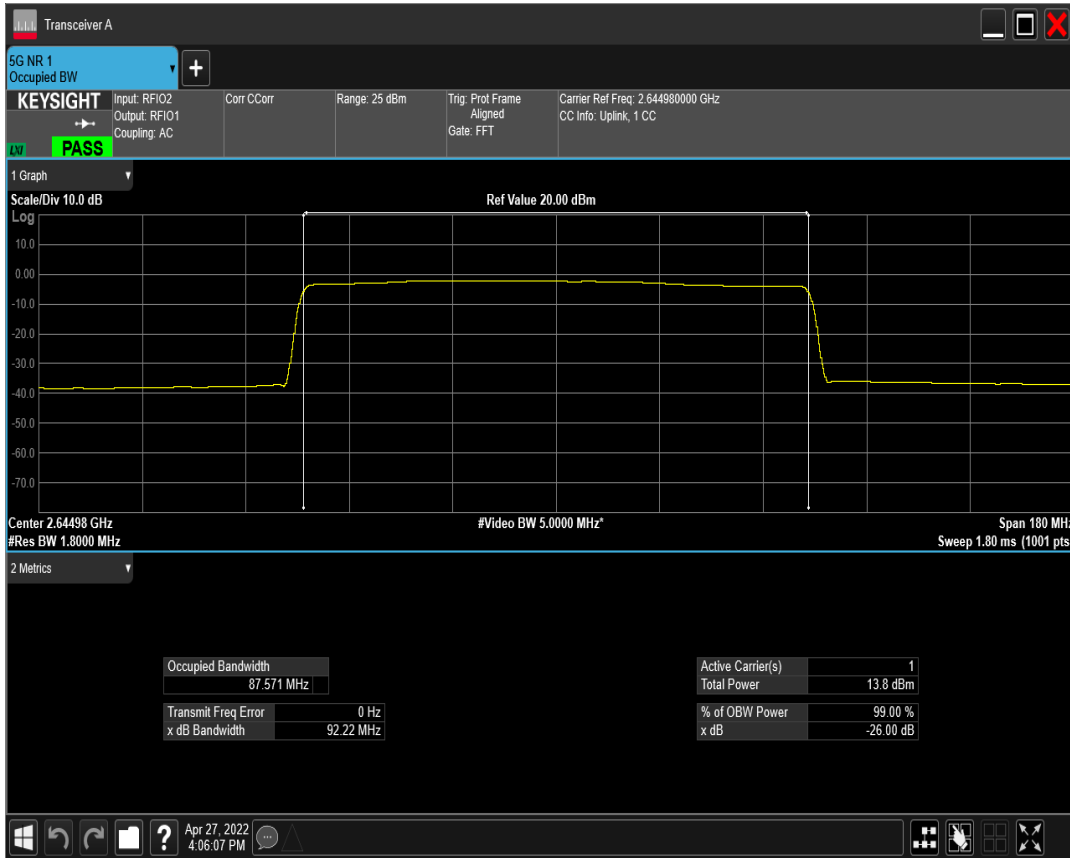


n41 SCS=30kHz CP_QPSK BW=90MHz Channel=528996 RB=245@0 ant2



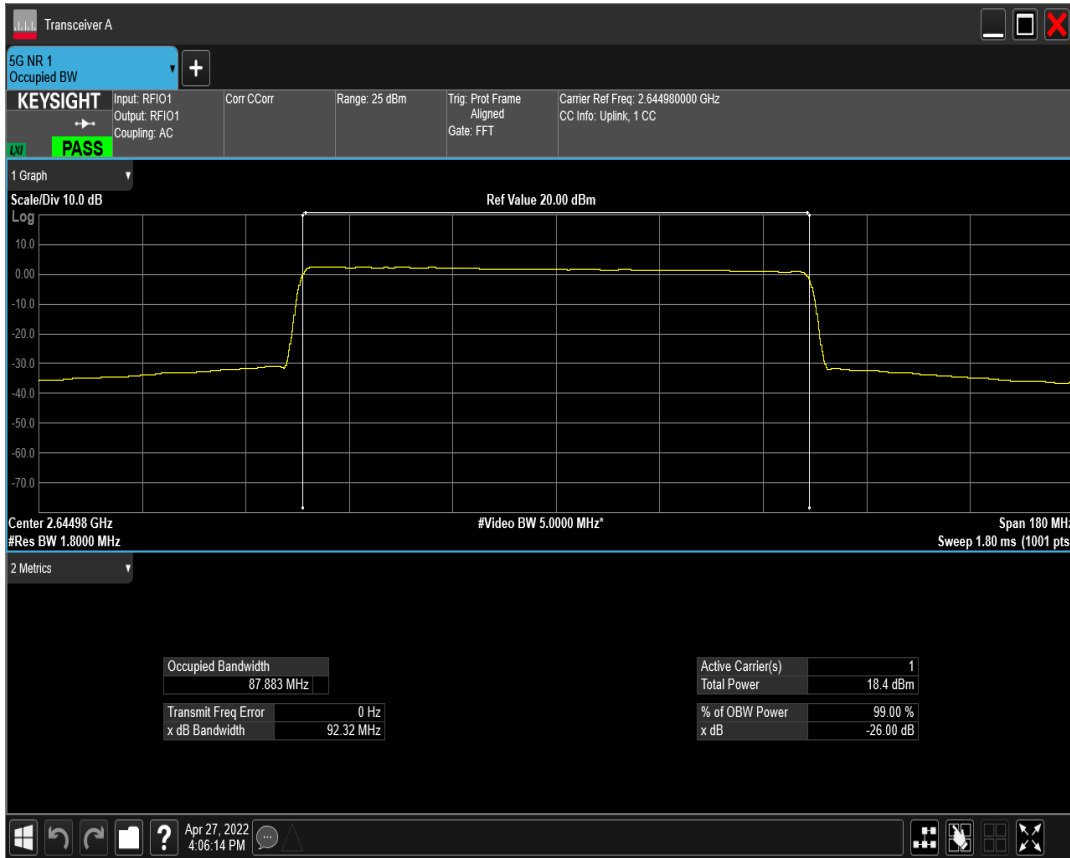
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=528996 RB=245@0 ant1



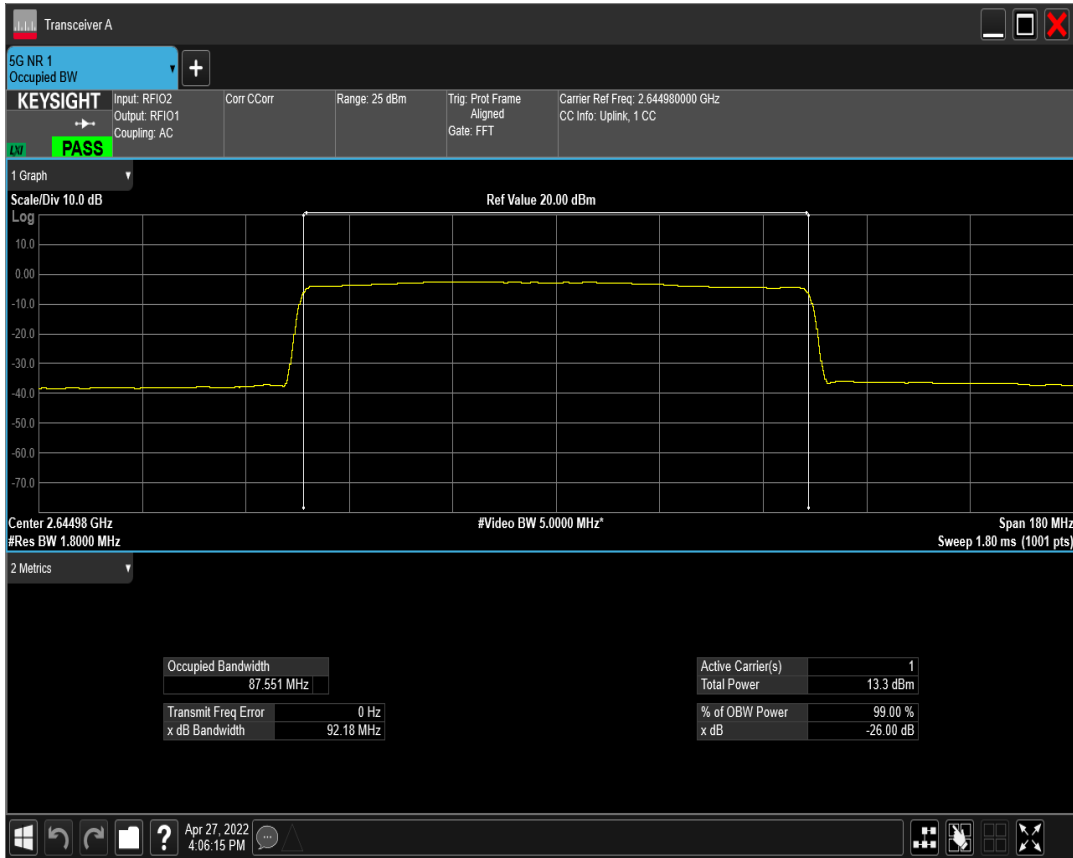
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=528996 RB=245@0 ant2



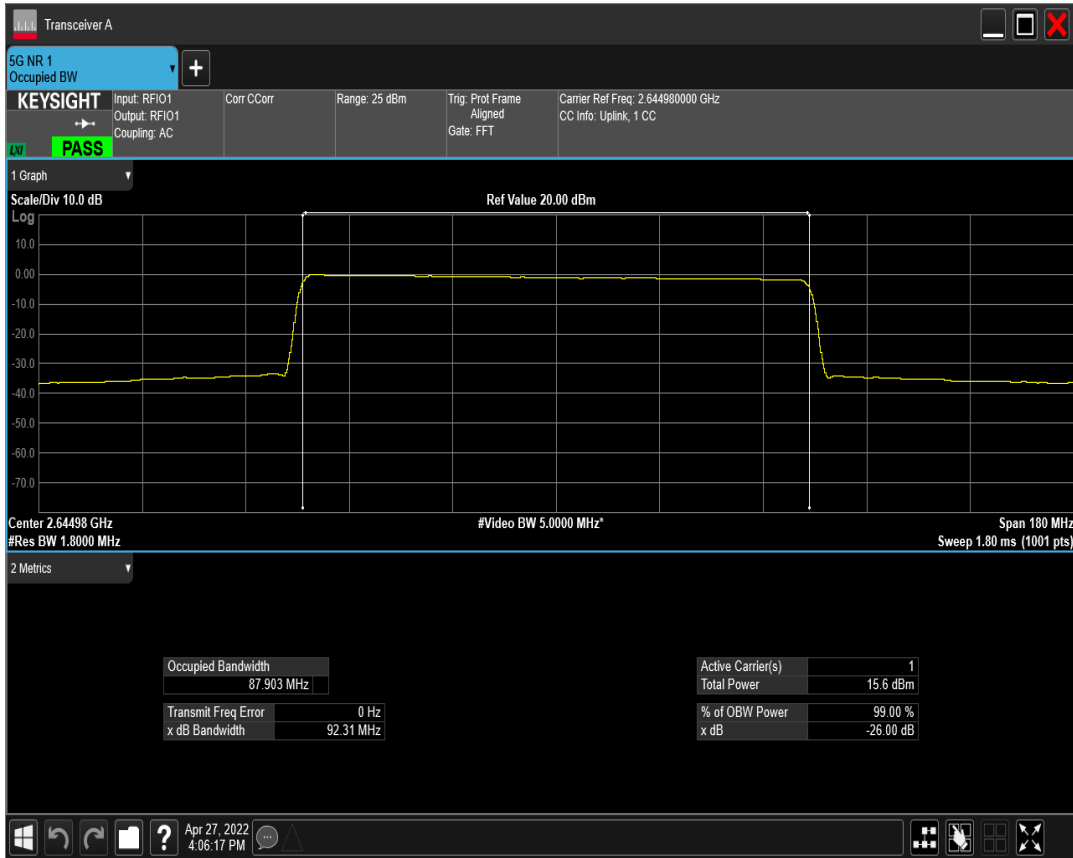
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=528996 RB=245@0 ant1



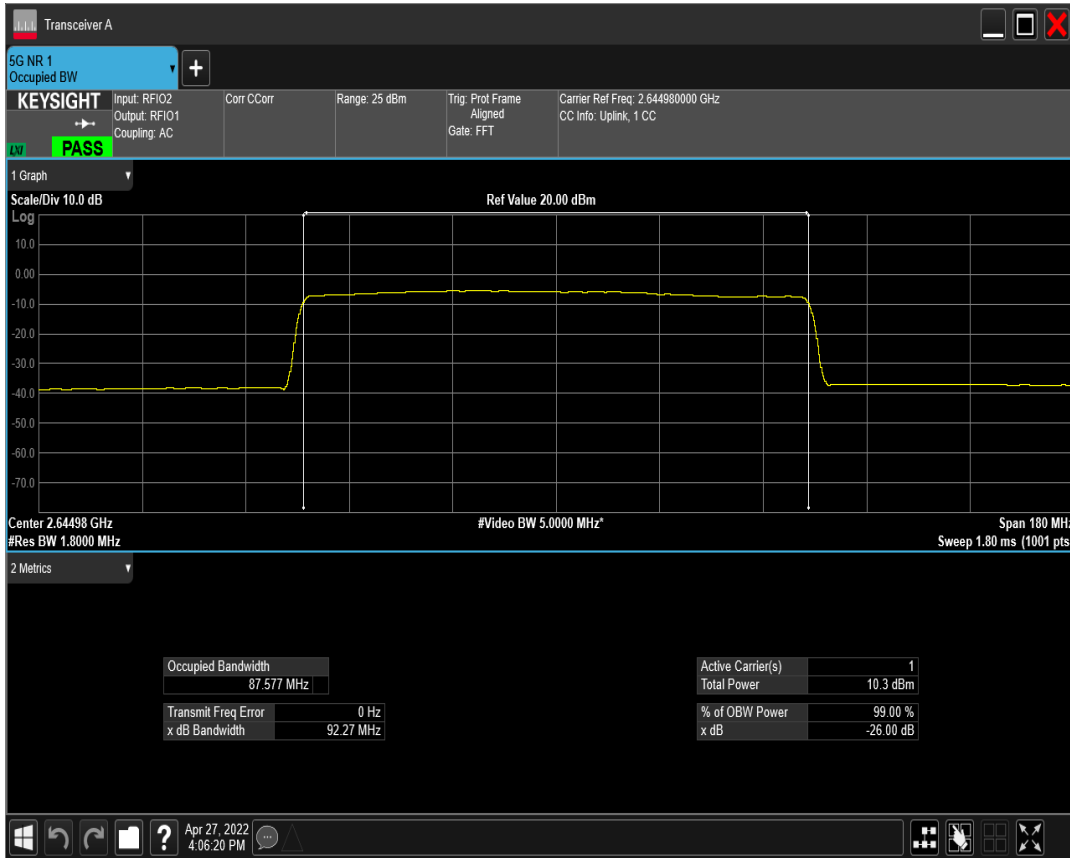
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=528996 RB=245@0 ant2



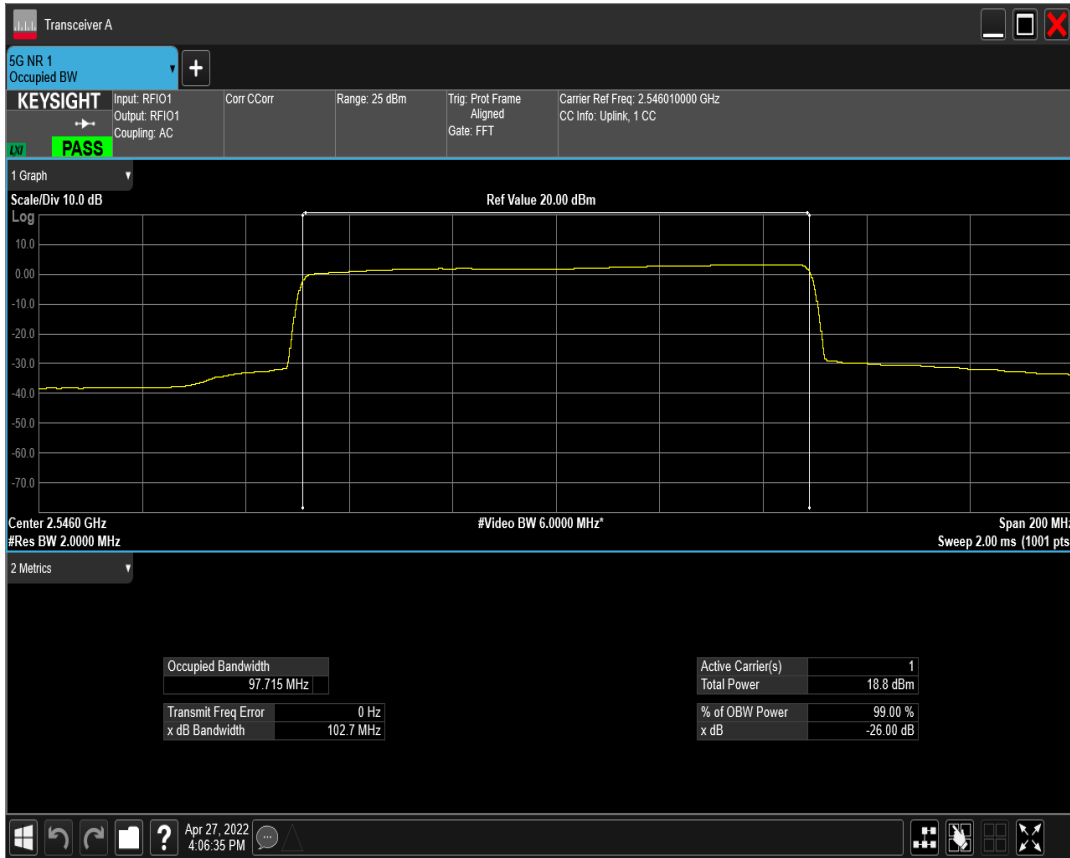
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=528996 RB=245@0 ant1



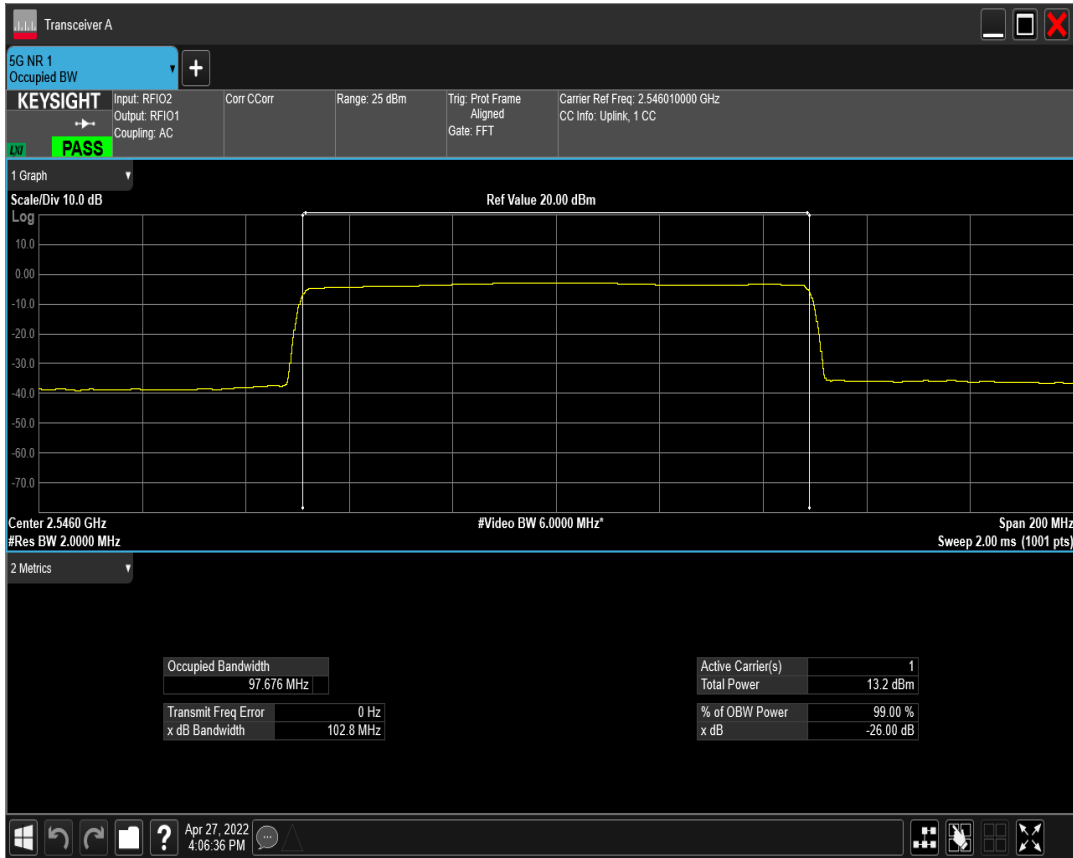
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=528996 RB=245@0 ant2



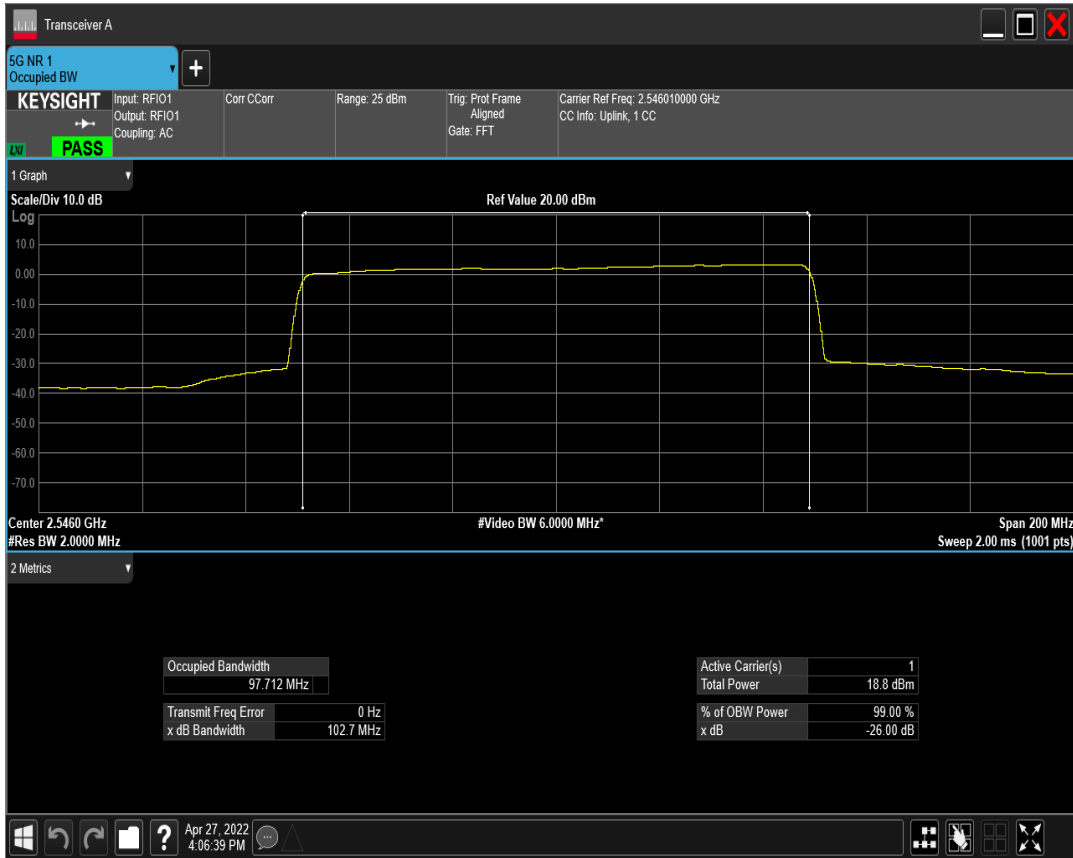
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



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



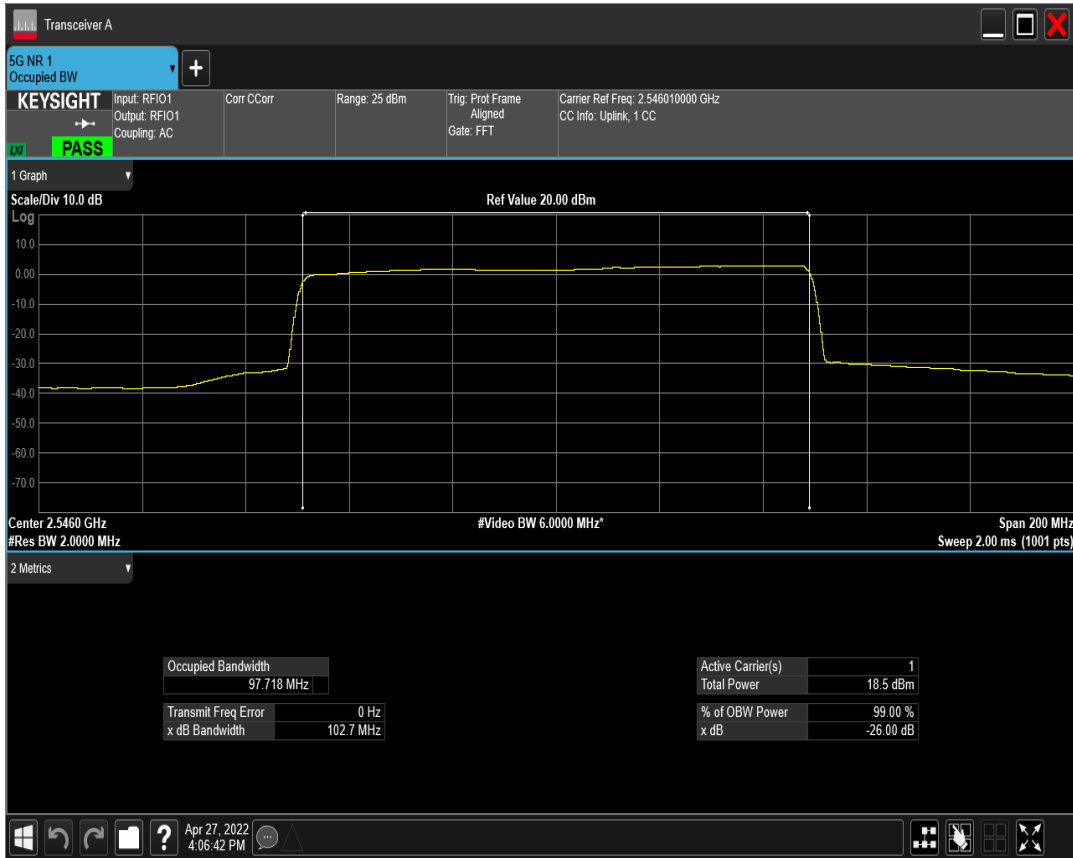
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=509202 RB=273@0 ant1



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



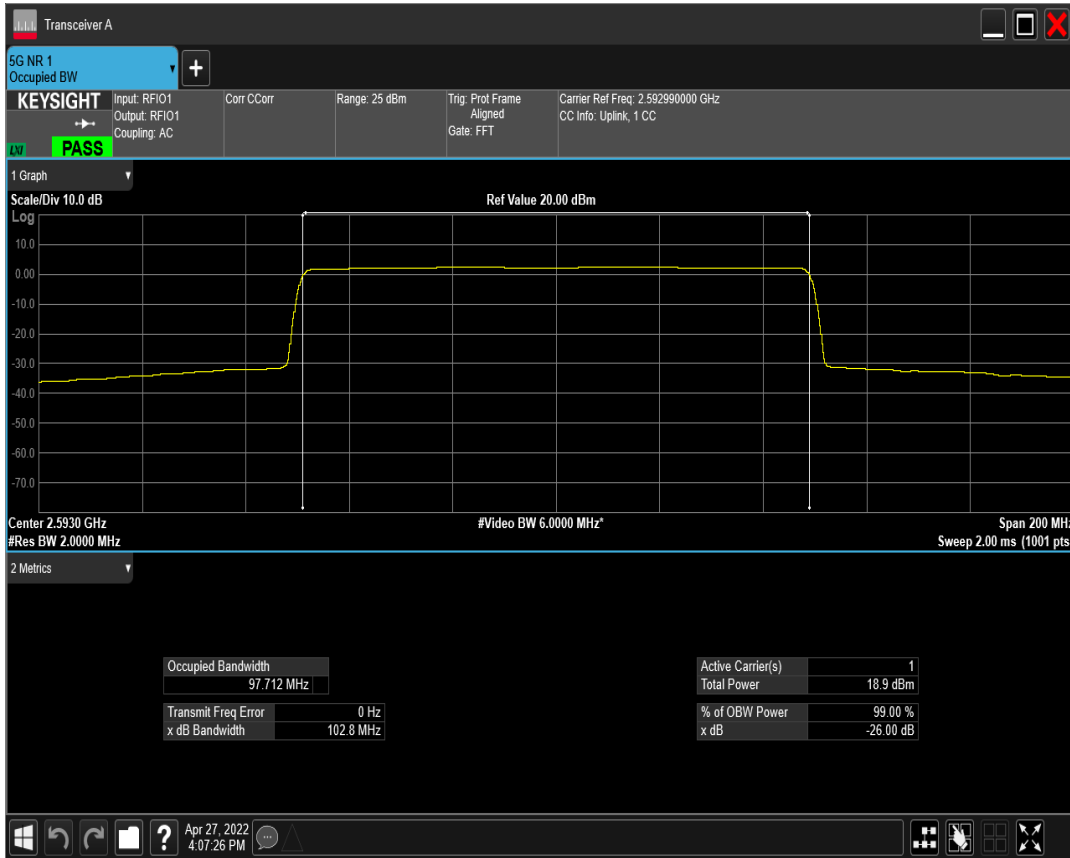
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant1



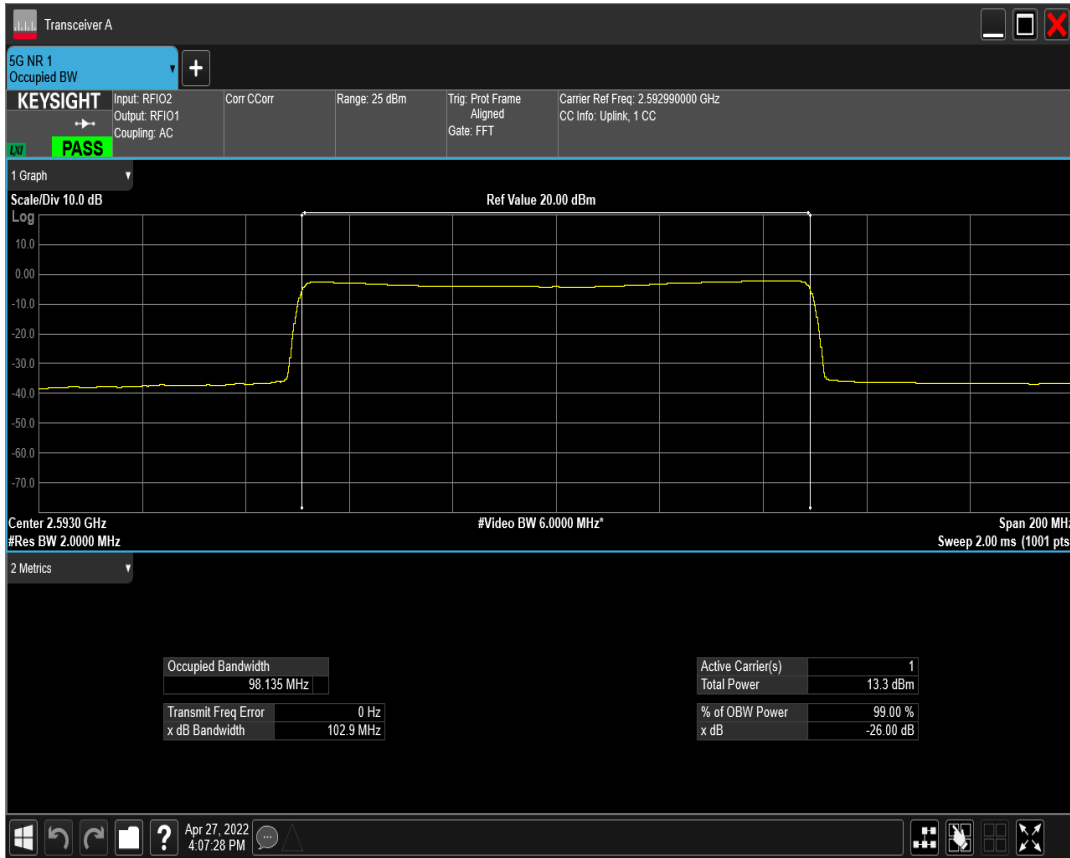
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant2



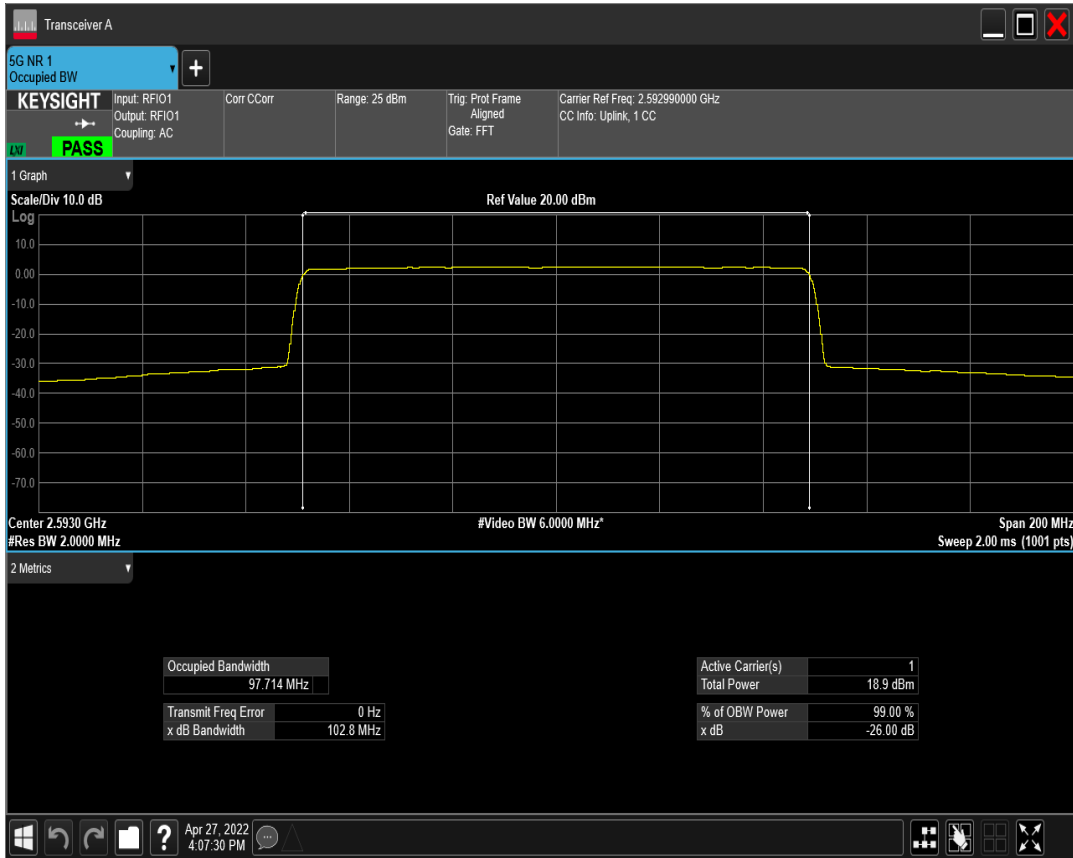
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant1



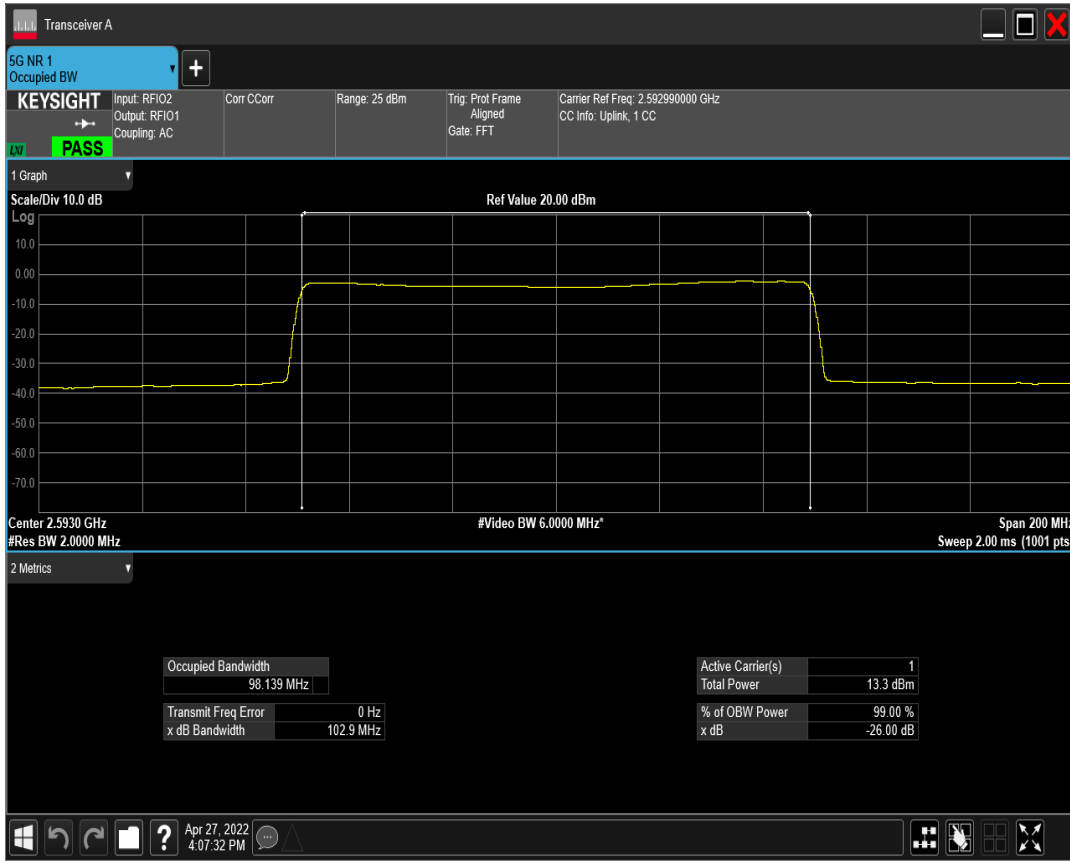
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant2



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



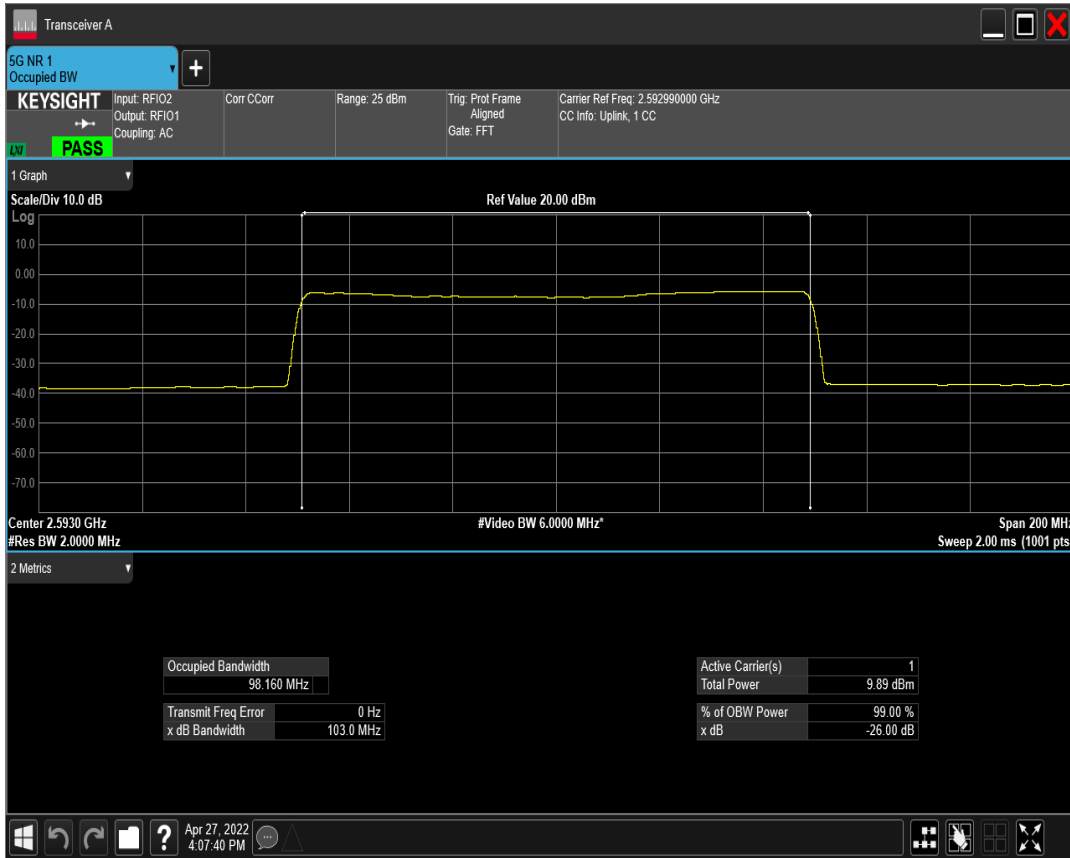
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=518598 RB=273@0 ant2



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



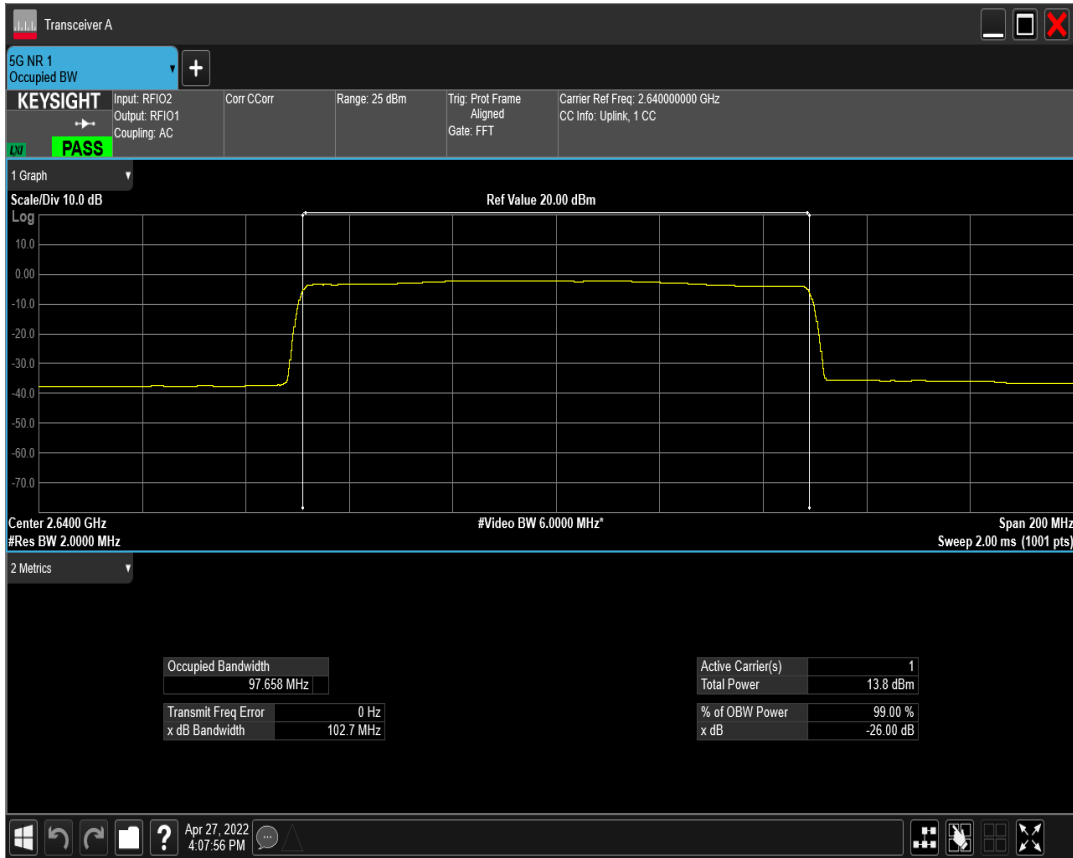
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant2



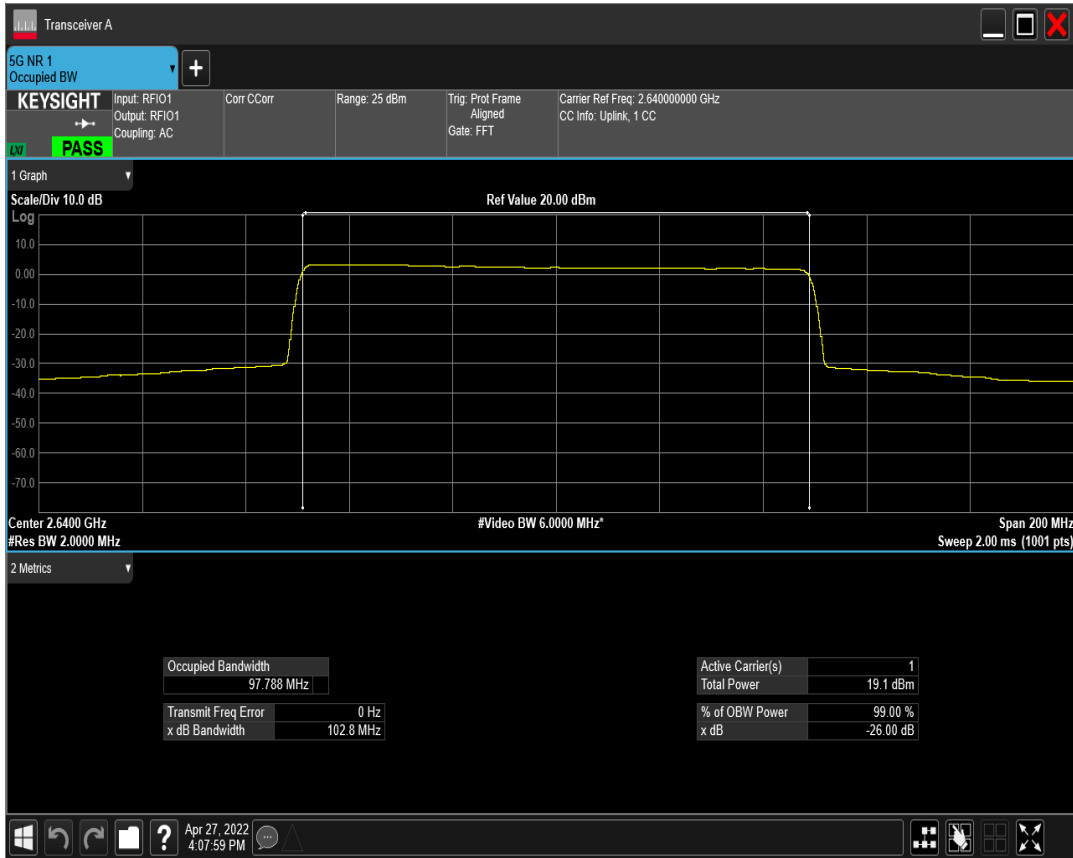
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



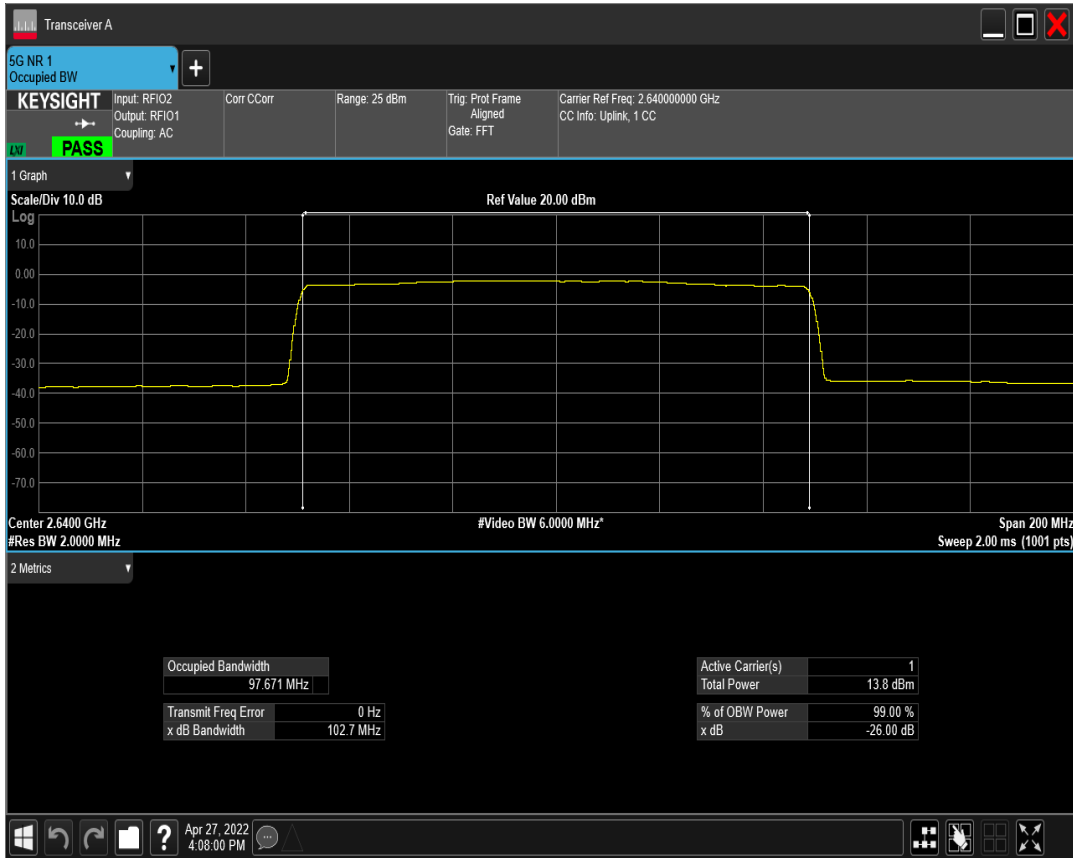
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



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



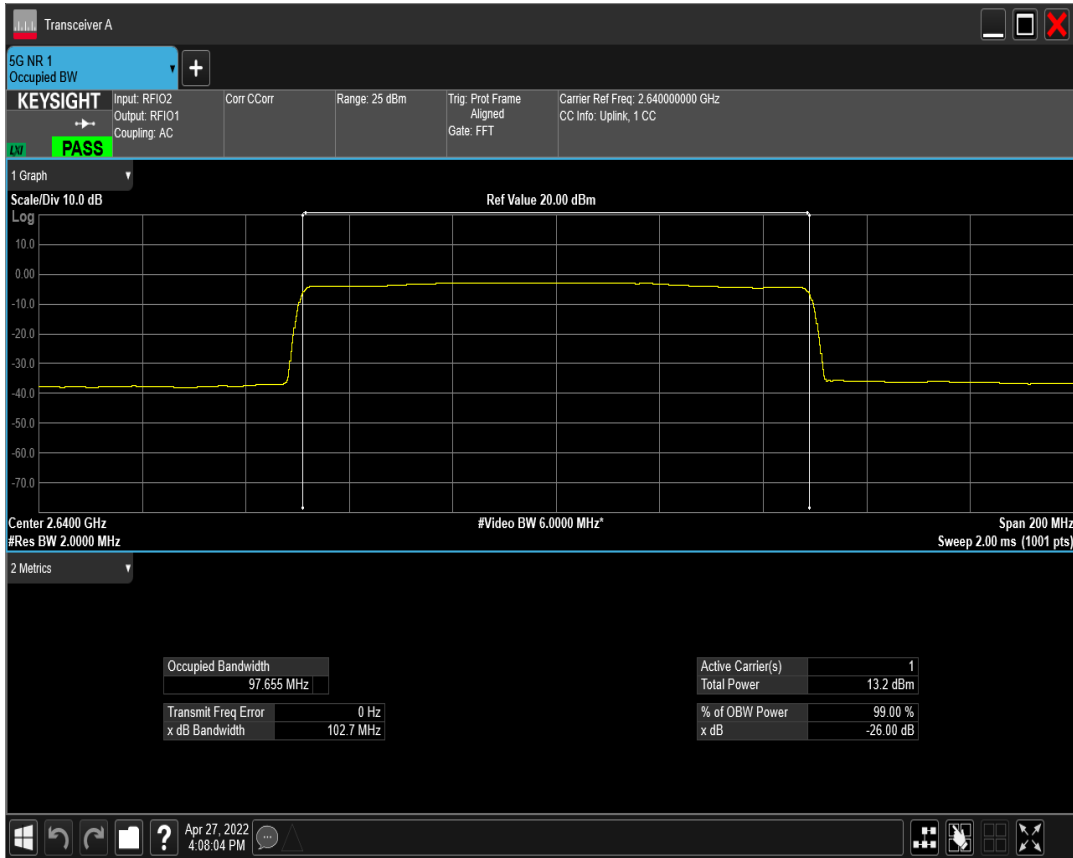
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=528000 RB=273@0 ant2



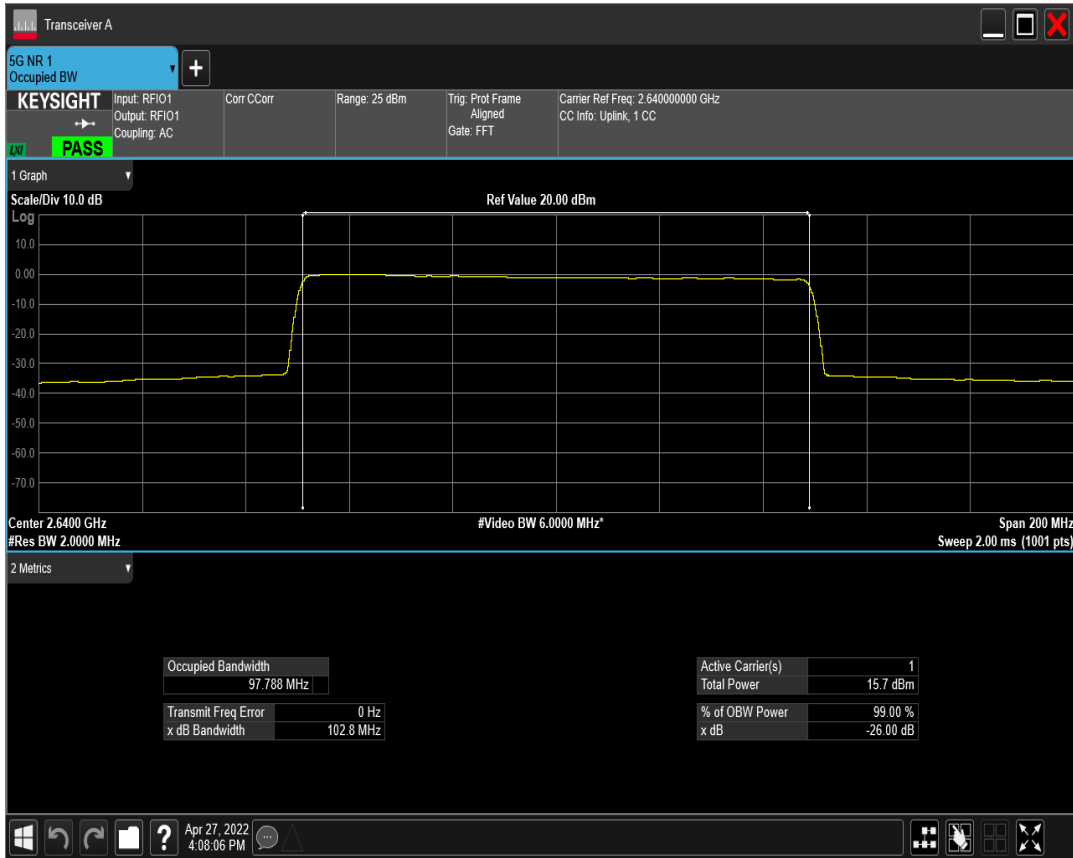
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=528000 RB=273@0 ant1



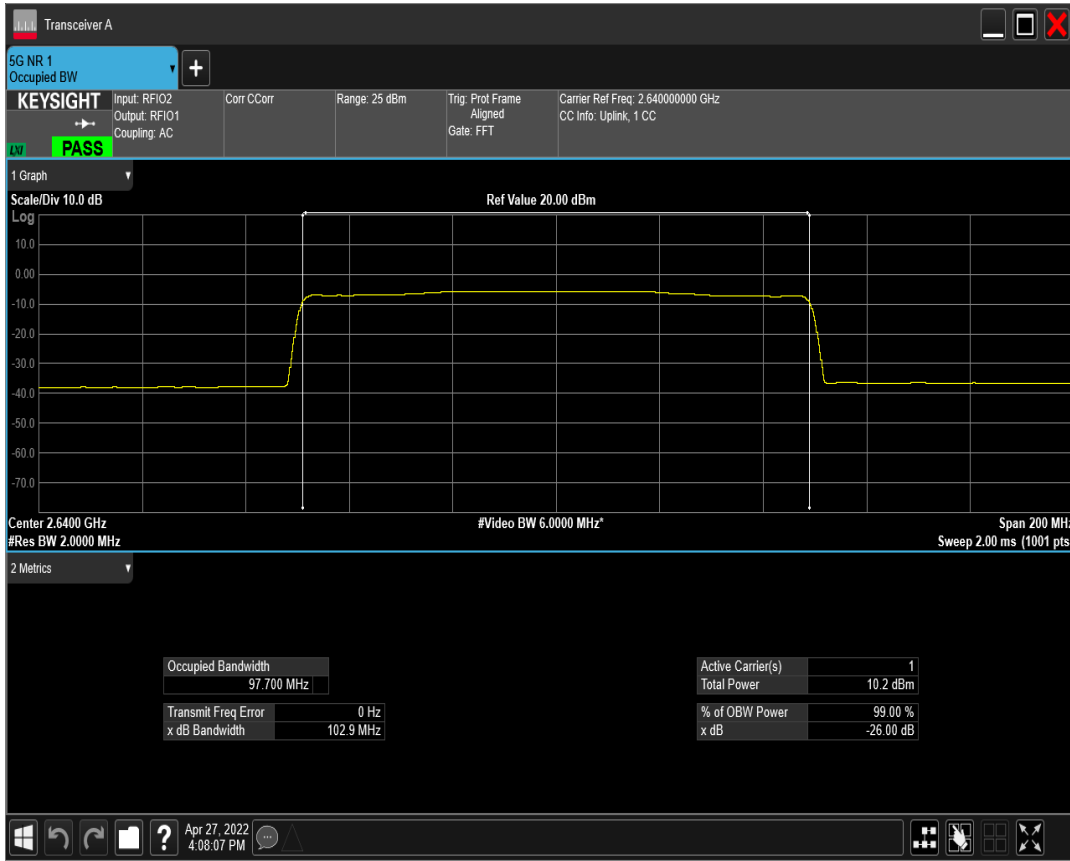
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=528000 RB=273@0 ant2



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



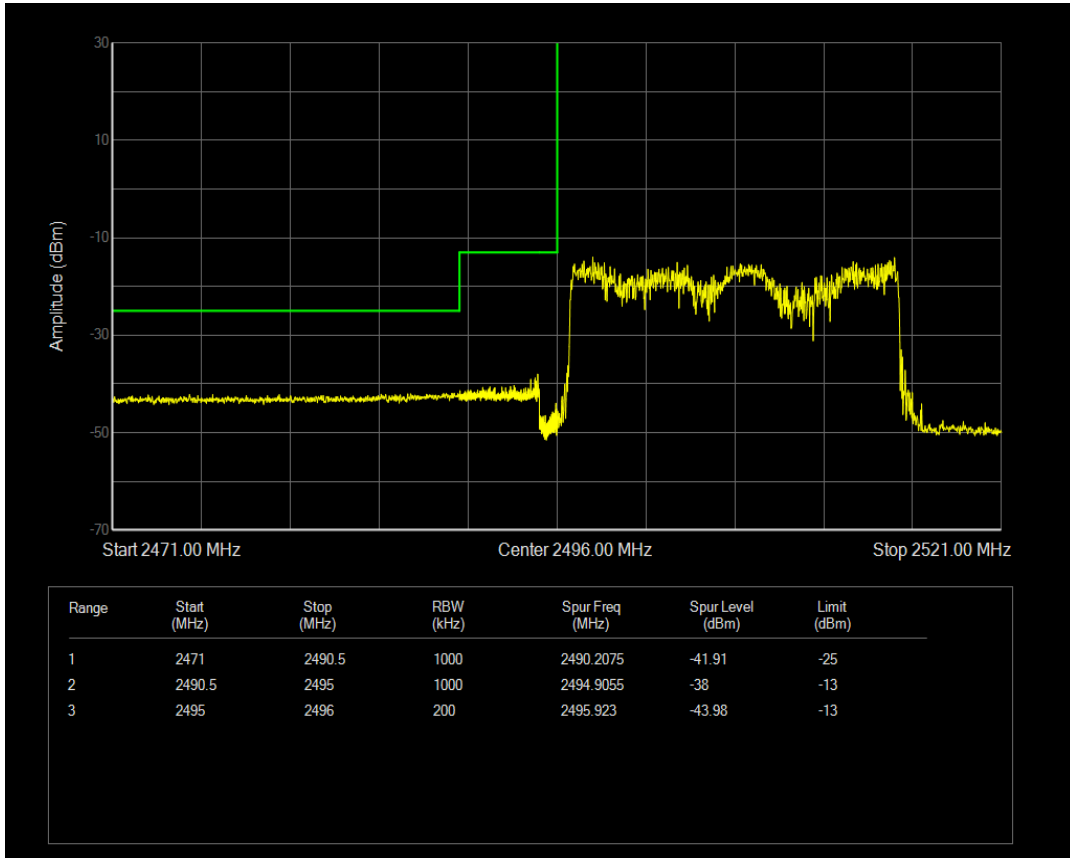
5 Band edge for NR FR1 UL-MIMO

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	2488.43	-41.71	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	2490.21	-41.91	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	2475.62	-42.22	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	2478.66	-42.20	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	2711.52	-41.49	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	2710.98	-41.80	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	2712.59	-41.94	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	2713.82	-42.02	-25	PASS
n41	ant1	30	100	509202	273@0	CP_QPSK	2489.54	-41.31	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	2490.26	-41.93	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	2477.12	-42.33	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	2460.51	-42.33	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	2801.05	-42.05	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	2796.13	-41.90	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	2798.85	-42.15	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	2791.70	-42.13	-25	PASS

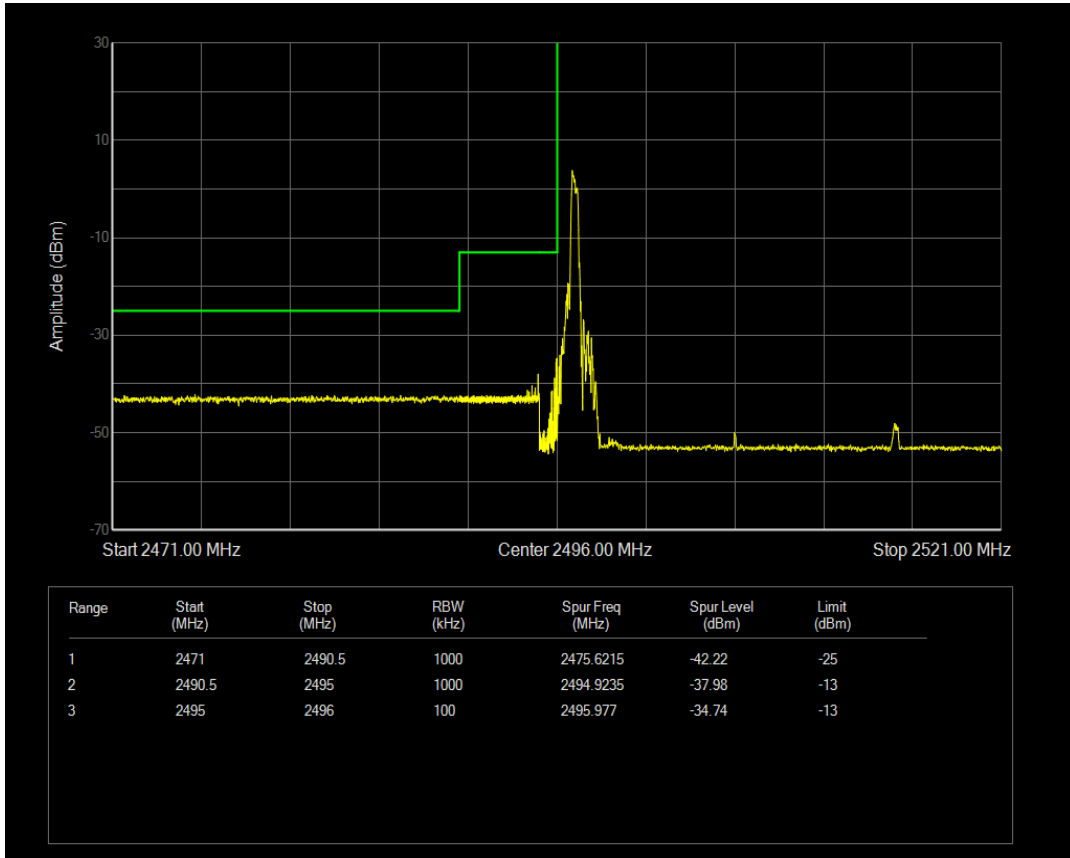
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



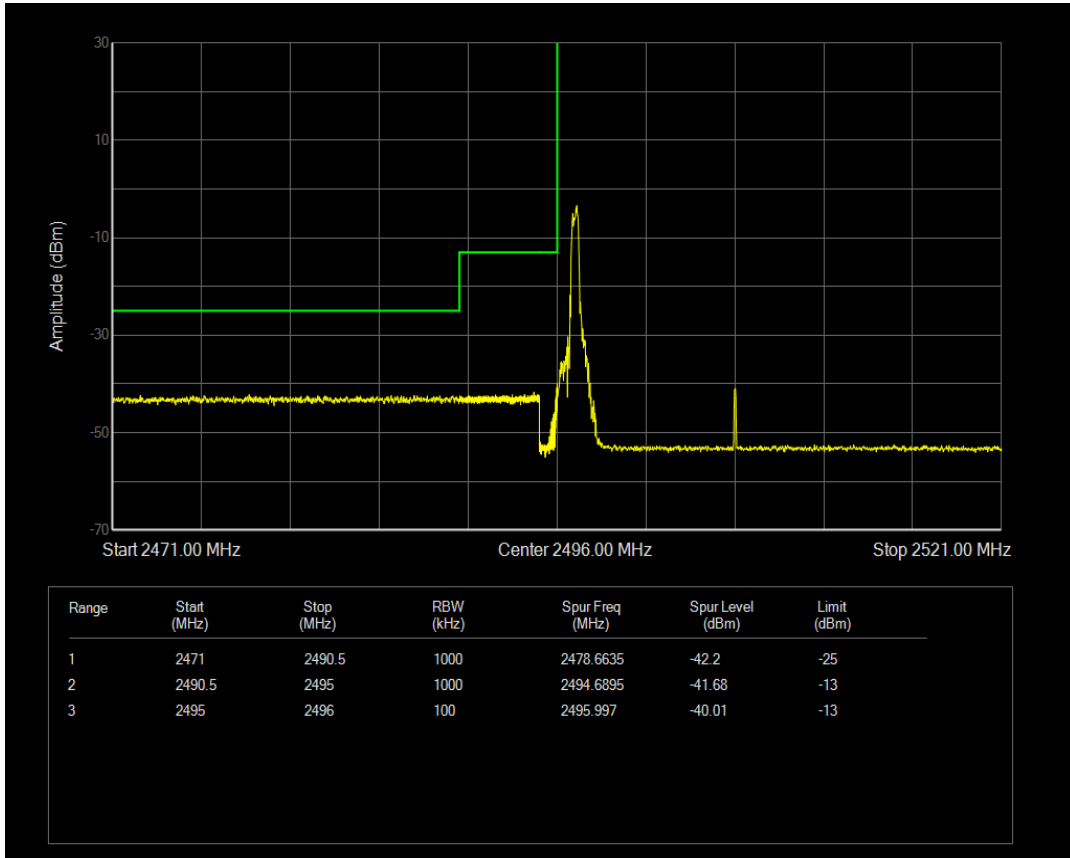
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51 @0 ant2



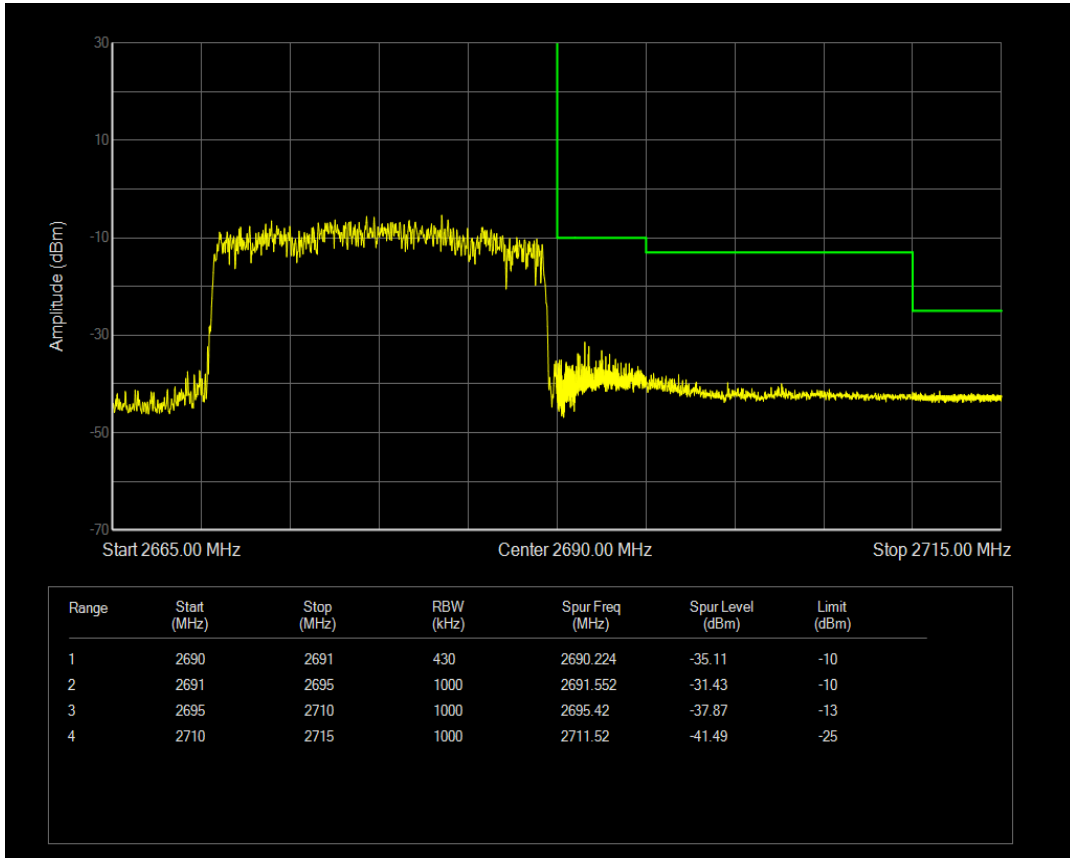
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant1



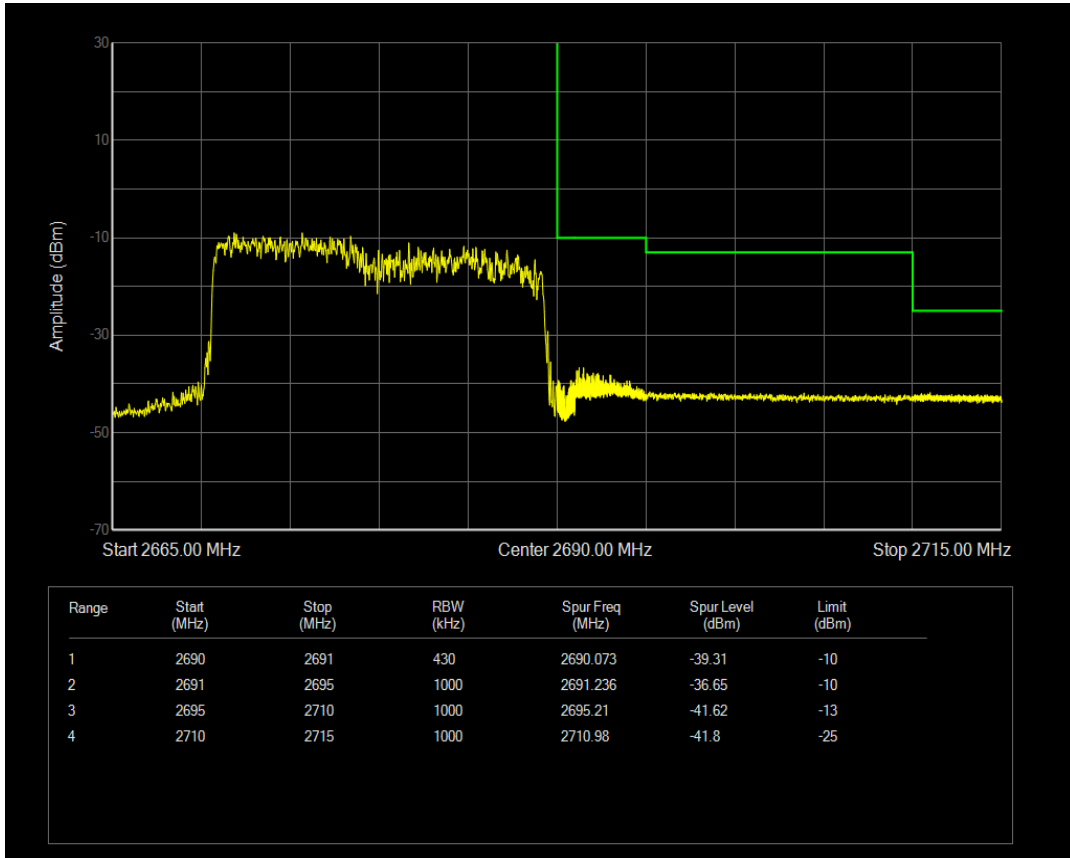
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant2



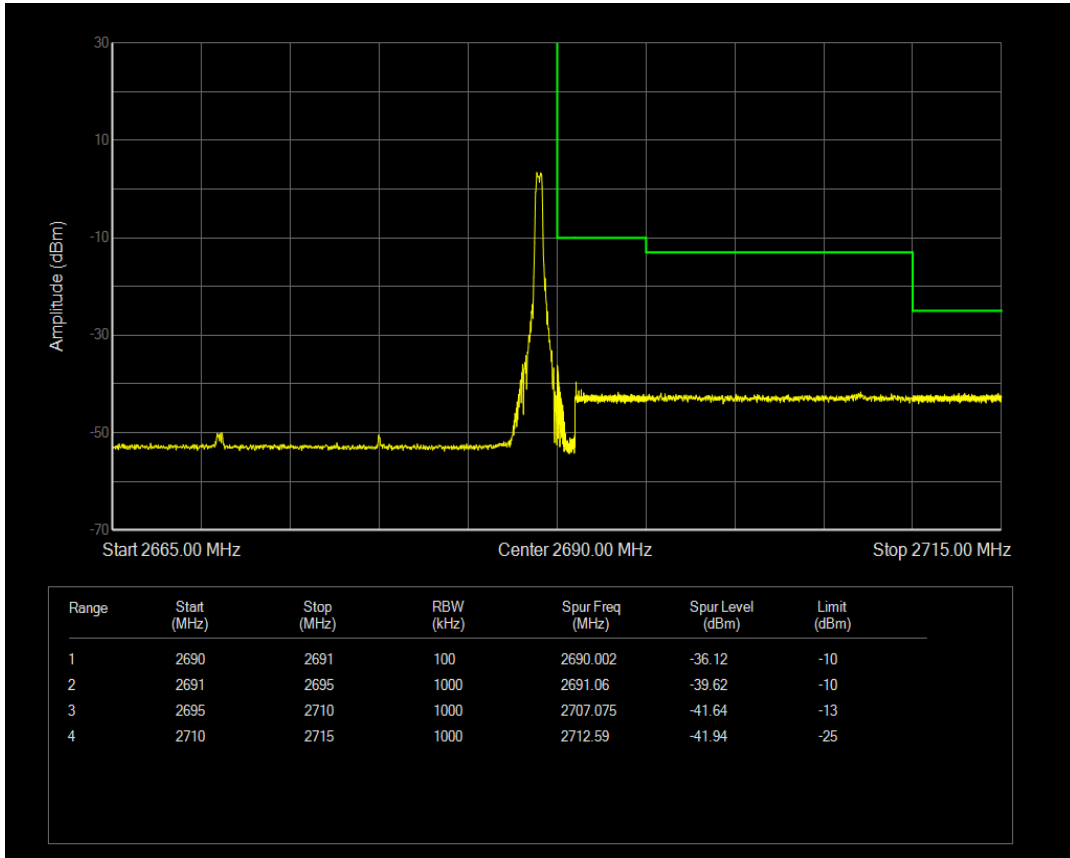
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51 @0 ant1



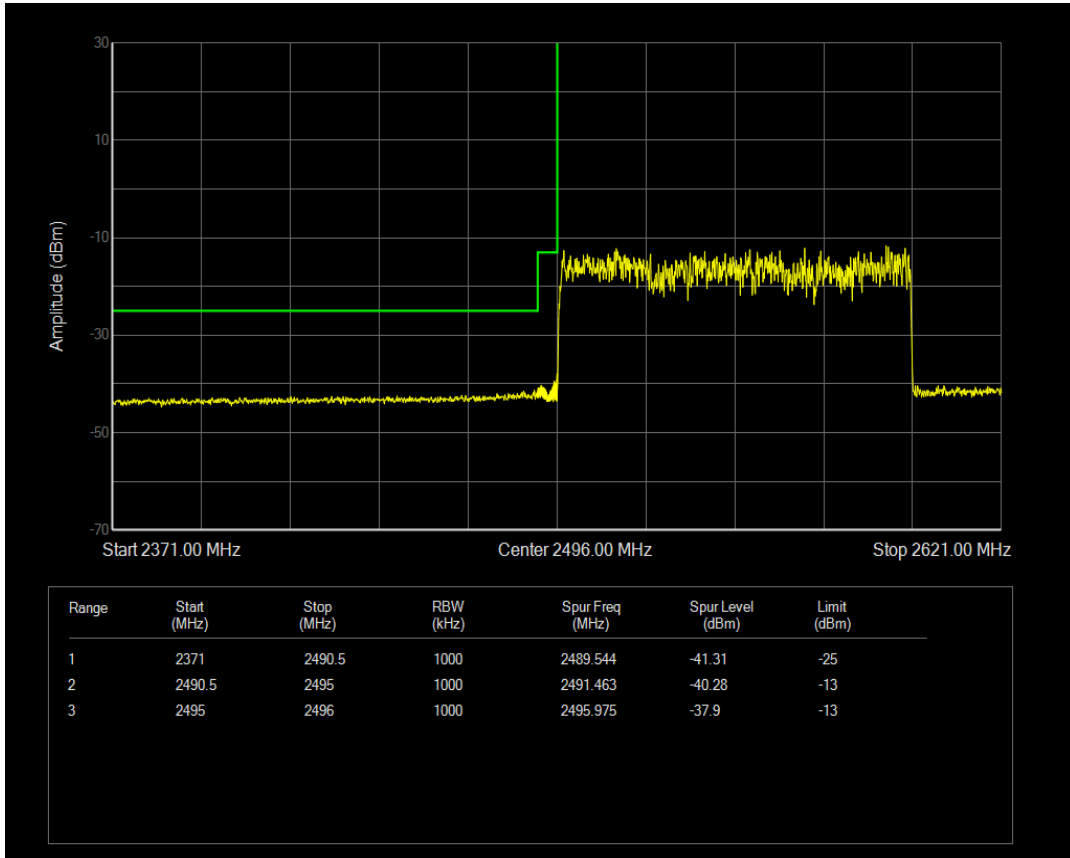
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51 @0 ant2



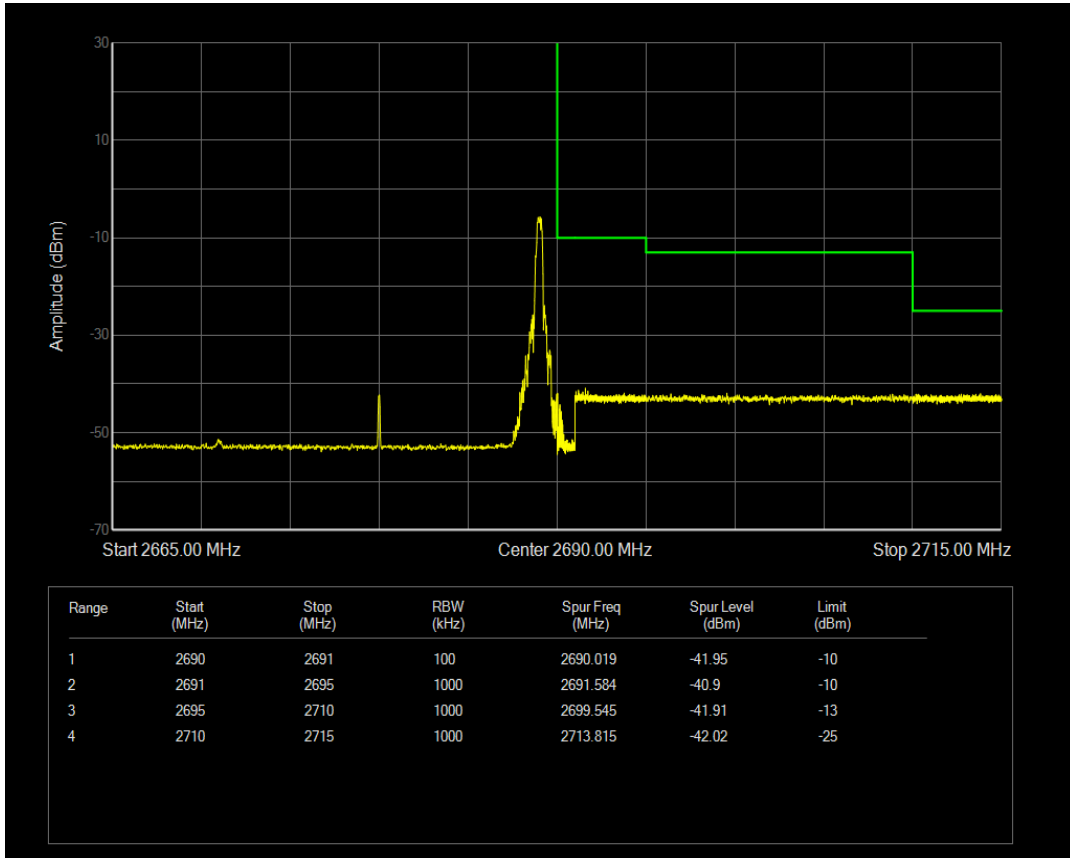
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant1



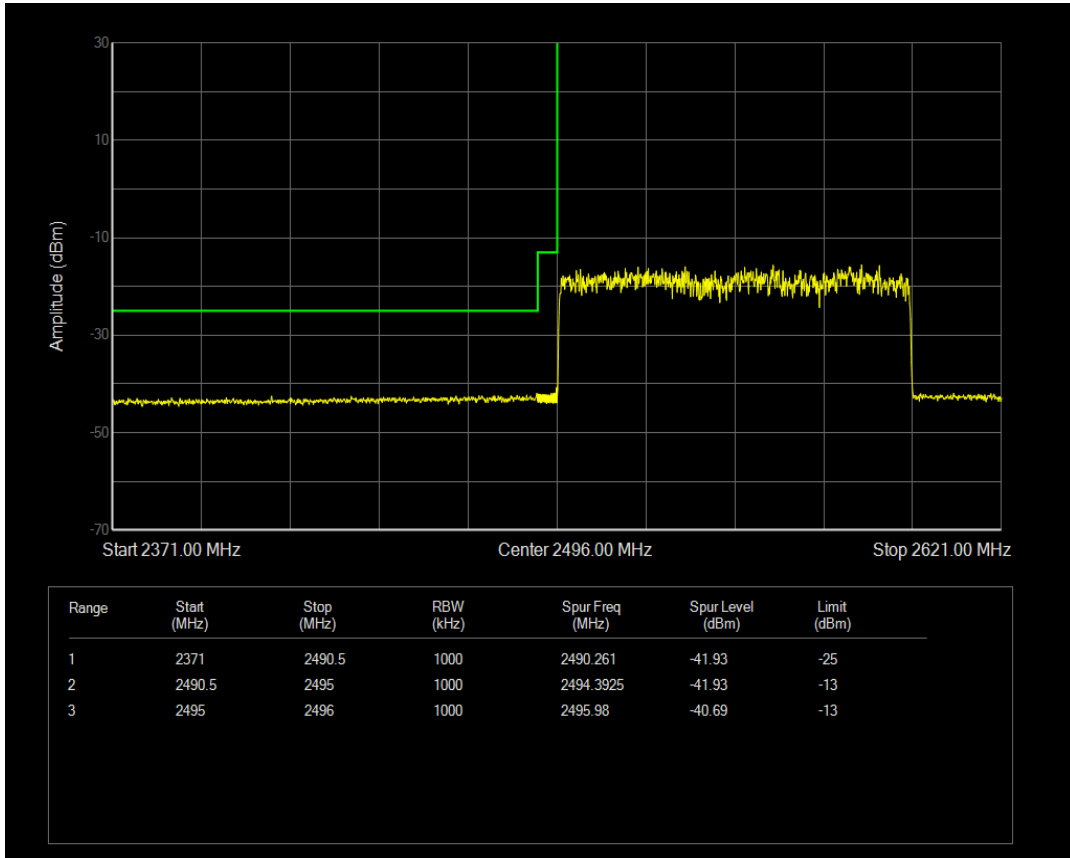
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



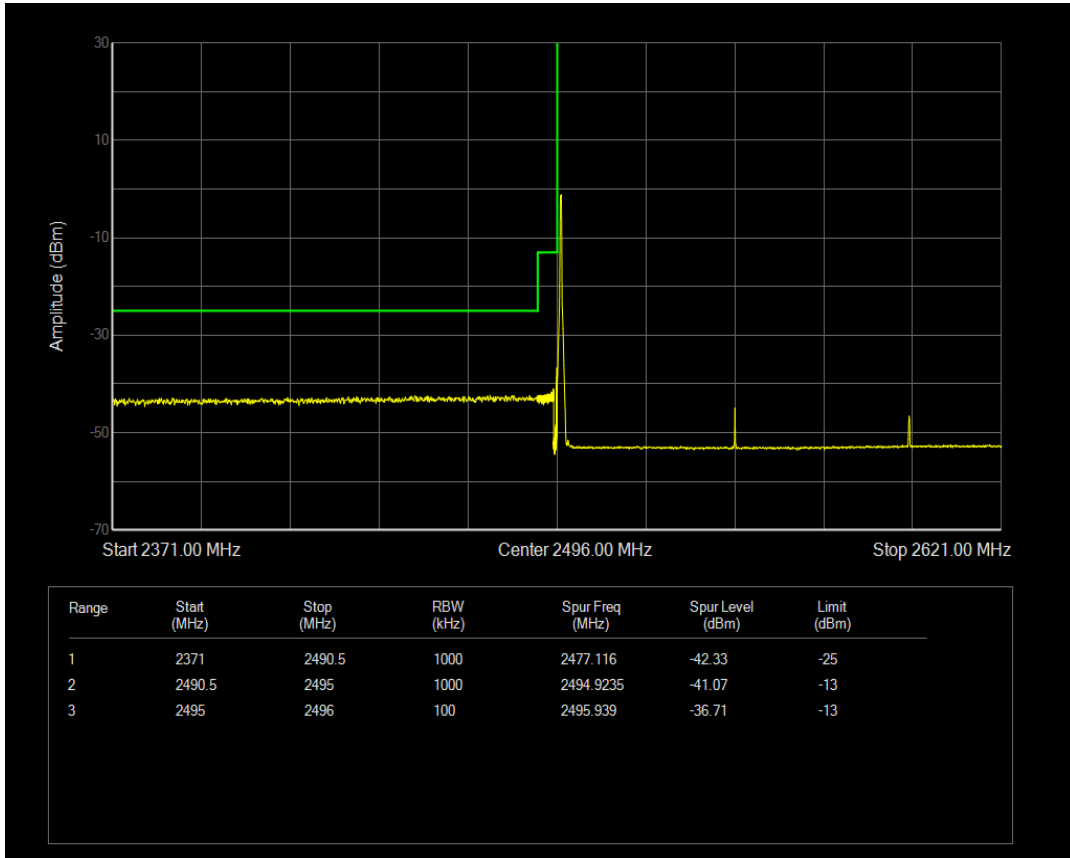
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant2



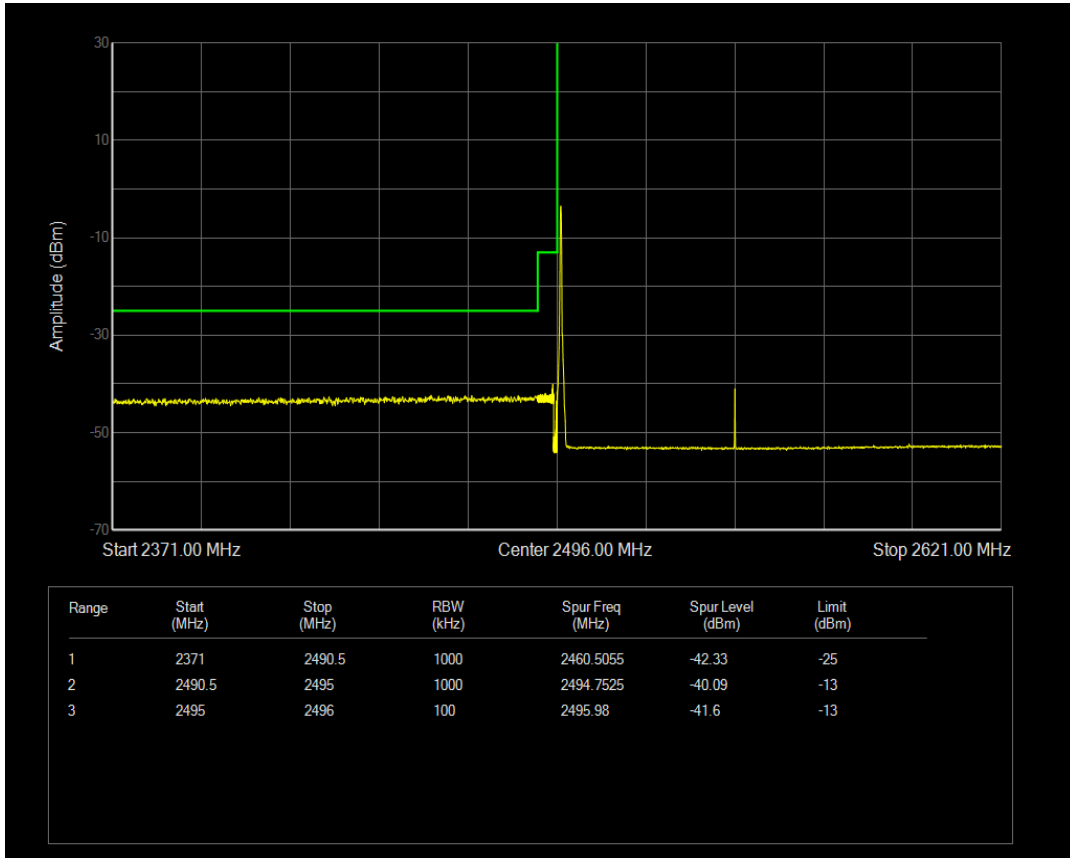
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



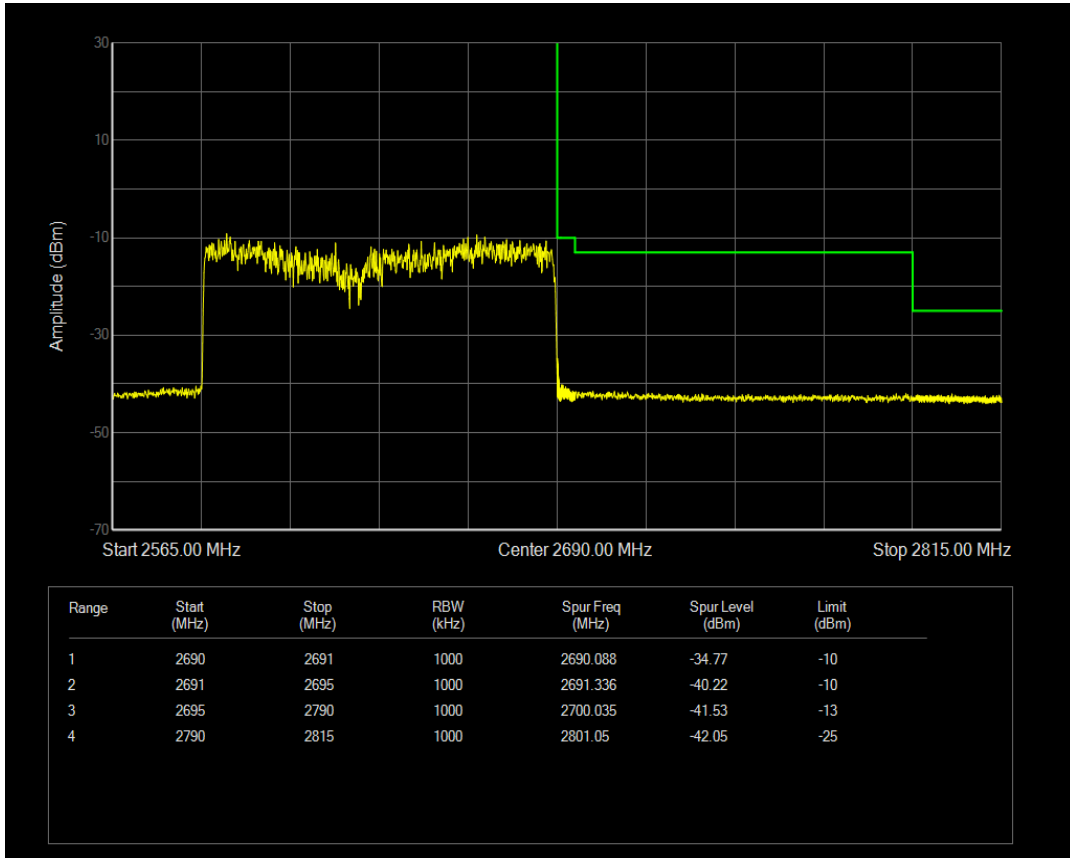
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant1



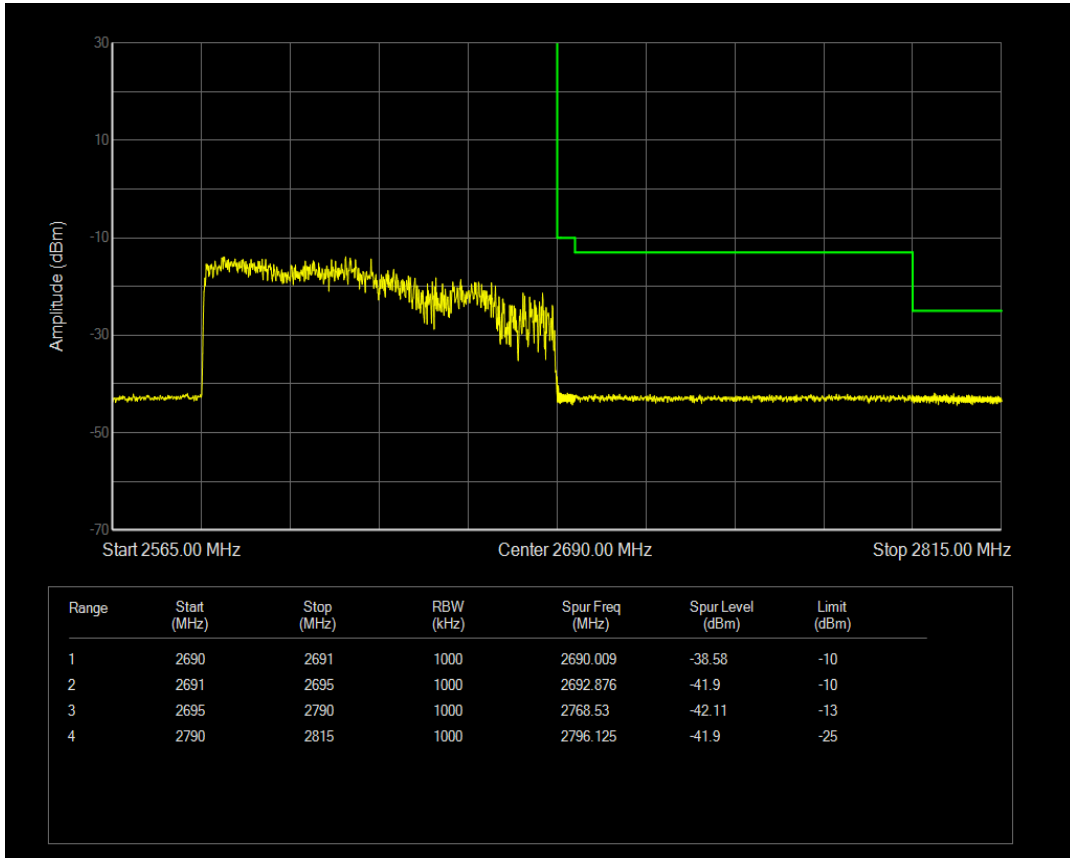
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant2



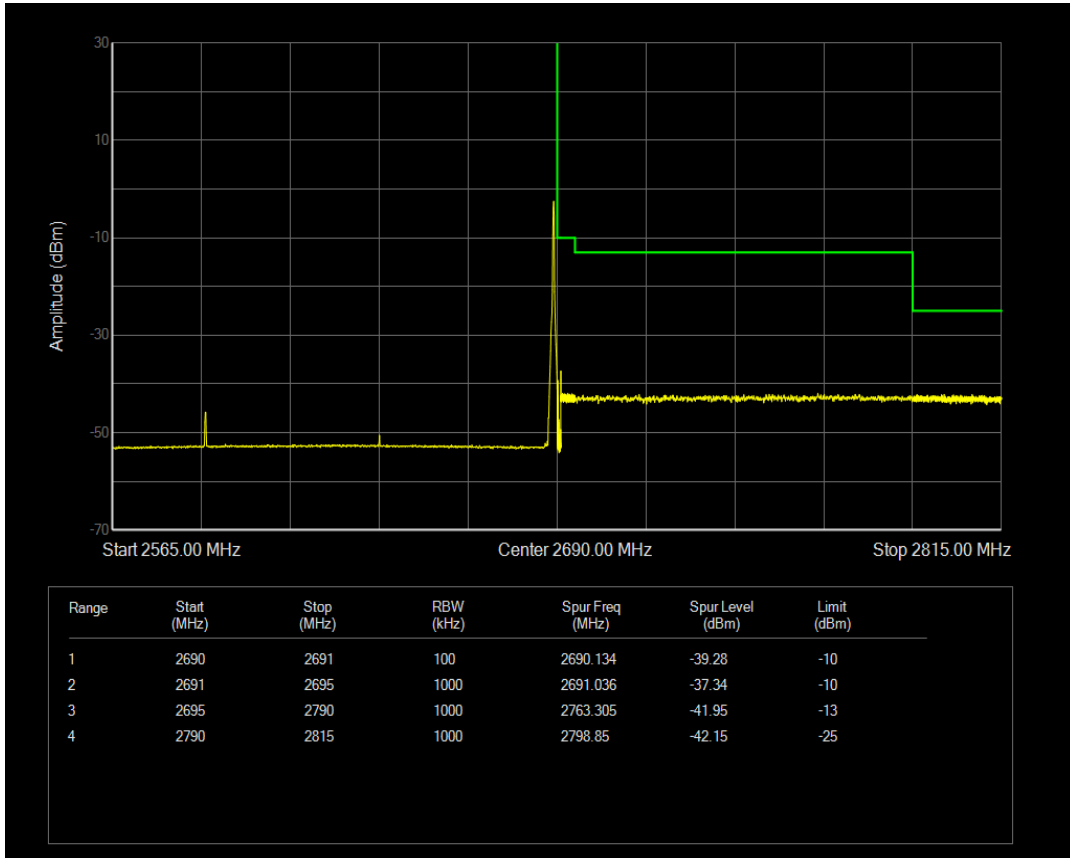
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



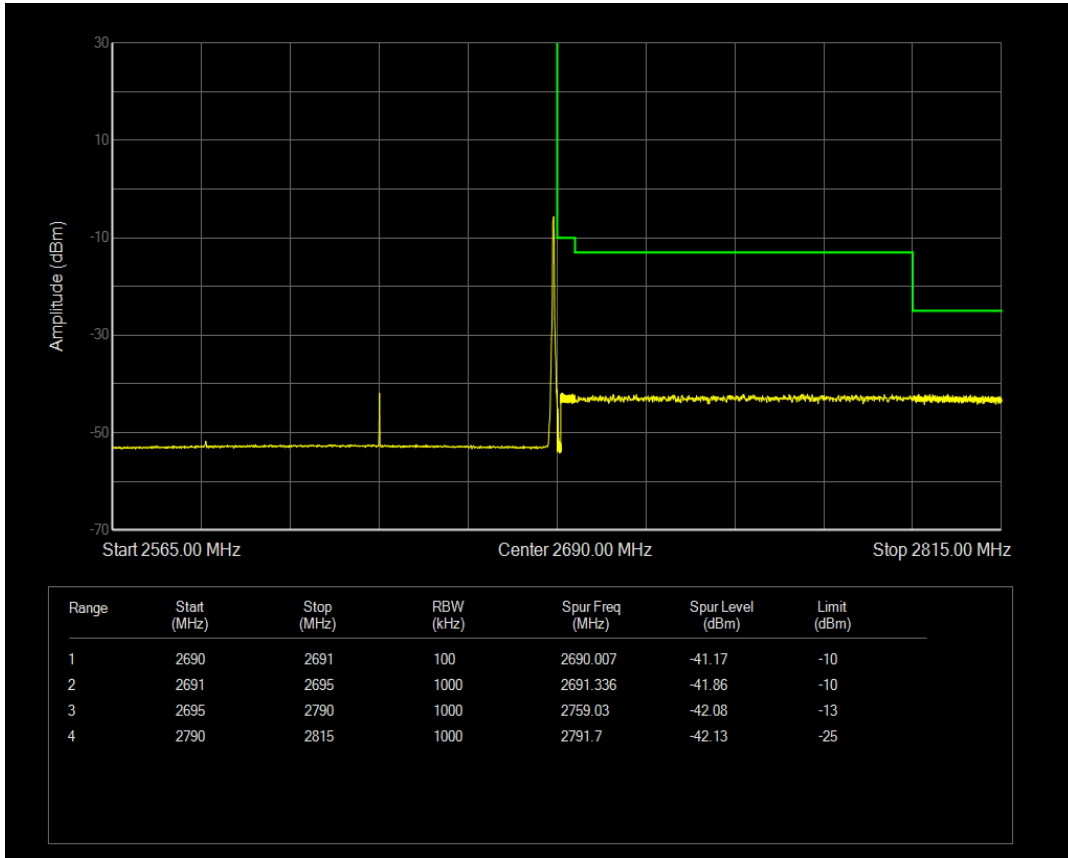
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



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

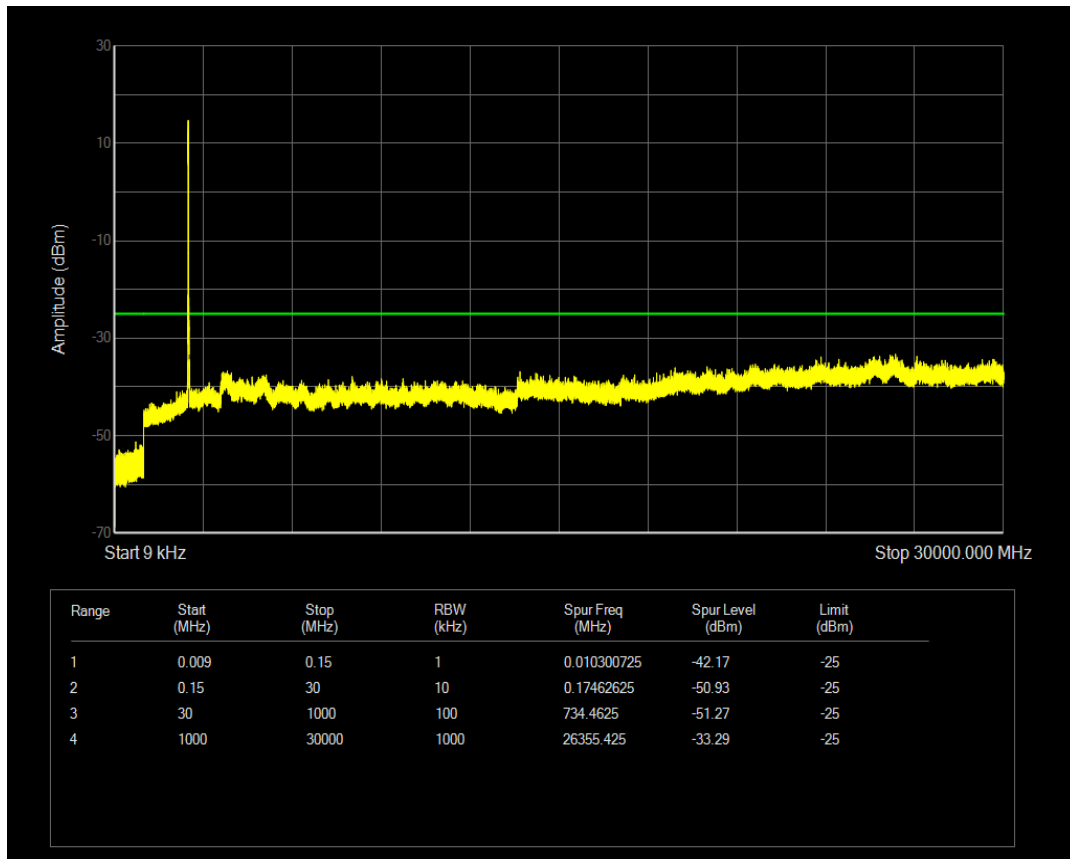


6 Out-of-band emissions for NR FR1 UL-MIMO

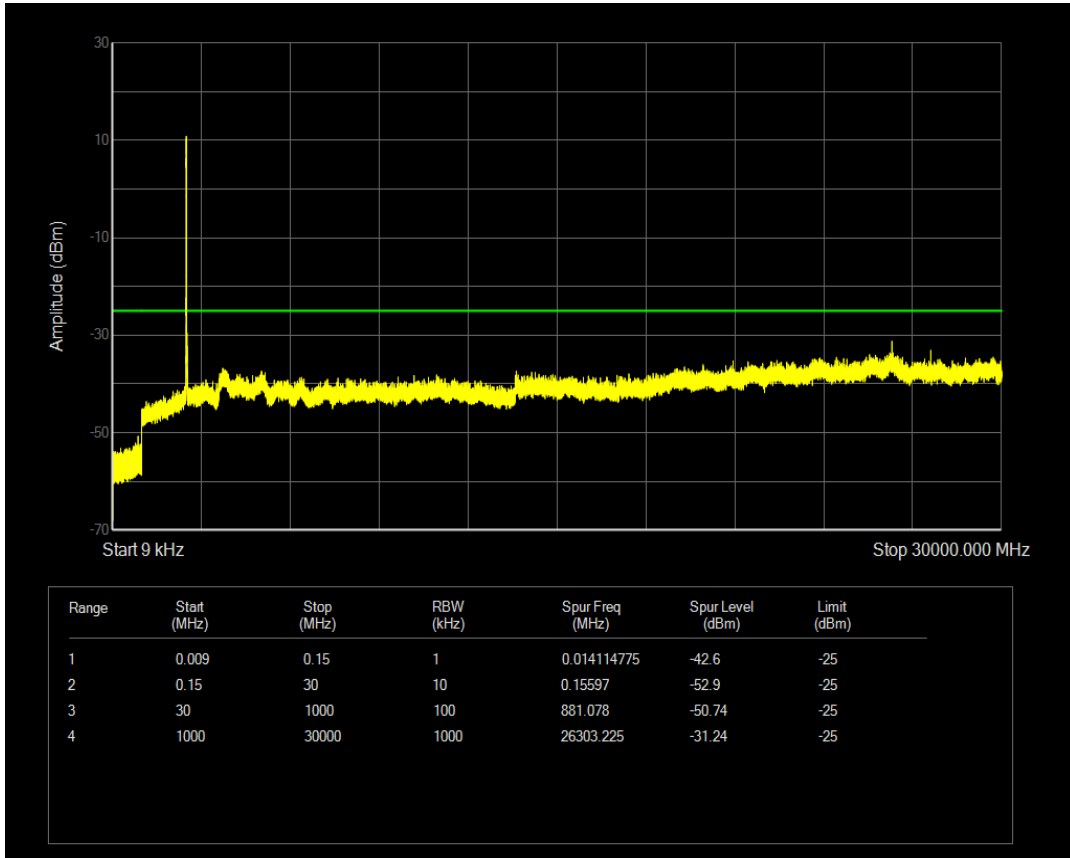
Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	ant1	30	20	501204	51@0	CP_QPSK	26355.43	-33.29	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	26303.23	-31.24	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	26274.95	-32.98	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	26306.13	-33.68	-25	PASS
n41	ant1	30	20	501204	1@50	CP_QPSK	26218.40	-33.03	-25	PASS
n41	ant2	30	20	501204	1@50	CP_QPSK	26264.80	-33.68	-25	PASS
n41	ant1	30	20	518598	51@0	CP_QPSK	25620.28	-33.30	-25	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	26217.68	-32.56	-25	PASS
n41	ant1	30	20	518598	1@0	CP_QPSK	25428.15	-33.02	-25	PASS
n41	ant2	30	20	518598	1@0	CP_QPSK	26261.18	-33.14	-25	PASS
n41	ant1	30	20	518598	1@50	CP_QPSK	26313.38	-33.01	-25	PASS
n41	ant2	30	20	518598	1@50	CP_QPSK	26288.73	-33.35	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	28159.95	-33.03	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	26269.88	-32.36	-25	PASS
n41	ant1	30	20	535998	1@0	CP_QPSK	26425.75	-32.79	-25	PASS
n41	ant2	30	20	535998	1@0	CP_QPSK	26282.20	-32.63	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	26282.20	-33.16	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	26533.78	-33.47	-25	PASS

n41	ant1	30	100	509202	273@0	CP_QPSK	26240.15	-33.57	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	26228.55	-33.10	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	26248.85	-32.90	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	26247.40	-32.46	-25	PASS
n41	ant1	30	100	509202	1@272	CP_QPSK	25668.13	-32.63	-25	PASS
n41	ant2	30	100	509202	1@272	CP_QPSK	26282.20	-33.40	-25	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	26377.90	-32.69	-25	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	26245.23	-33.19	-25	PASS
n41	ant1	30	100	518598	1@0	CP_QPSK	26240.88	-32.40	-25	PASS
n41	ant2	30	100	518598	1@0	CP_QPSK	26227.83	-32.67	-25	PASS
n41	ant1	30	100	518598	1@272	CP_QPSK	26314.10	-32.76	-25	PASS
n41	ant2	30	100	518598	1@272	CP_QPSK	26306.85	-33.24	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	26267.70	-32.83	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	24047.75	-33.06	-25	PASS
n41	ant1	30	100	528000	1@0	CP_QPSK	26249.58	-32.70	-25	PASS
n41	ant2	30	100	528000	1@0	CP_QPSK	29478.73	-32.86	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	25574.60	-33.17	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	26332.95	-32.99	-25	PASS

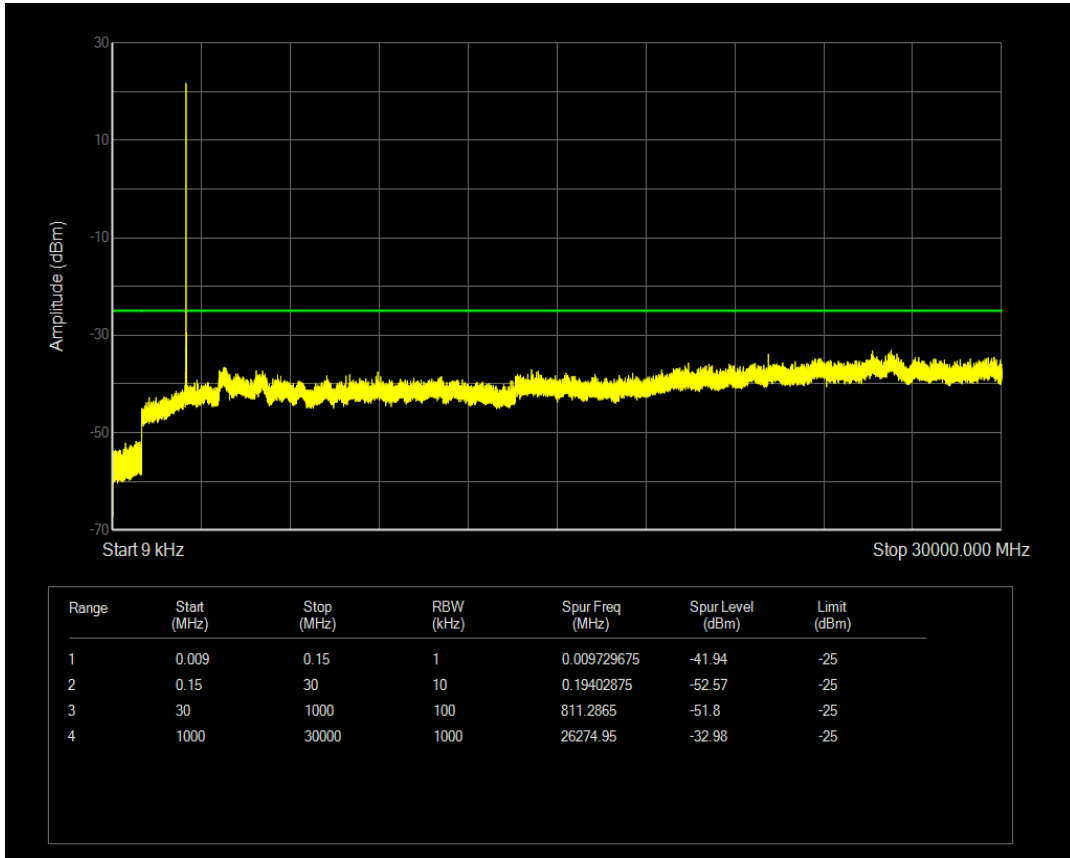
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



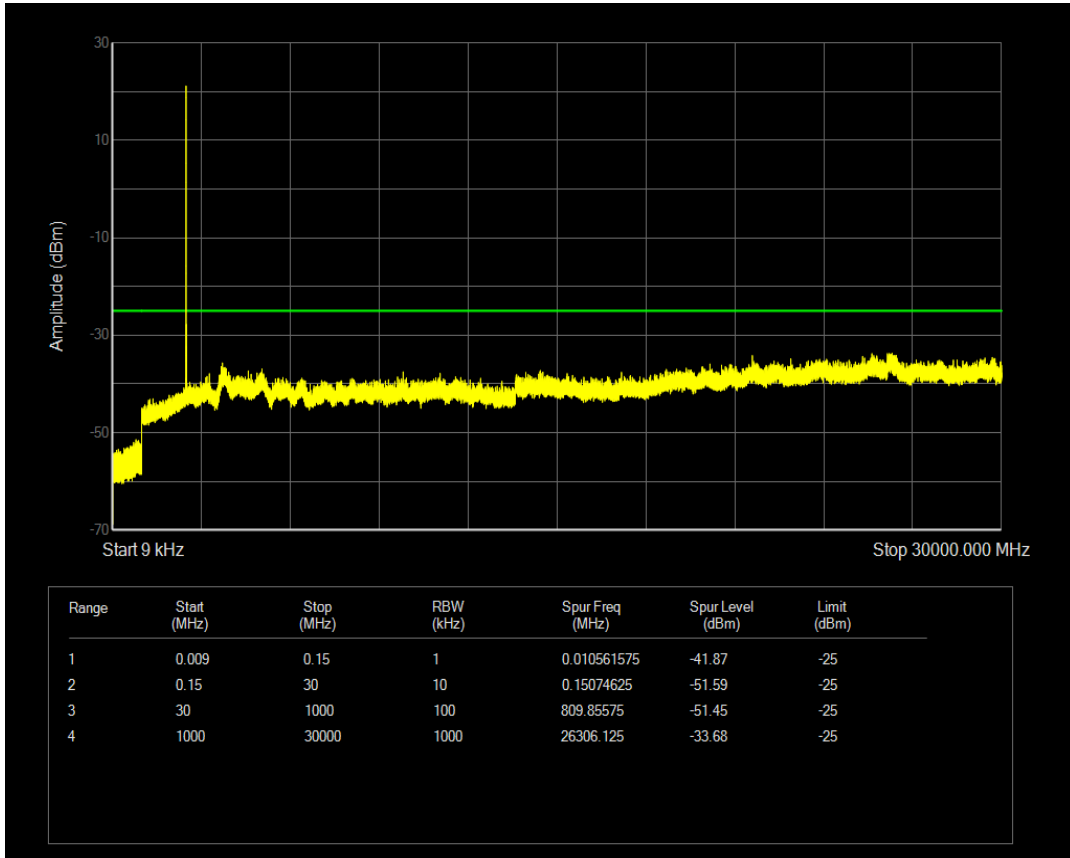
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant2



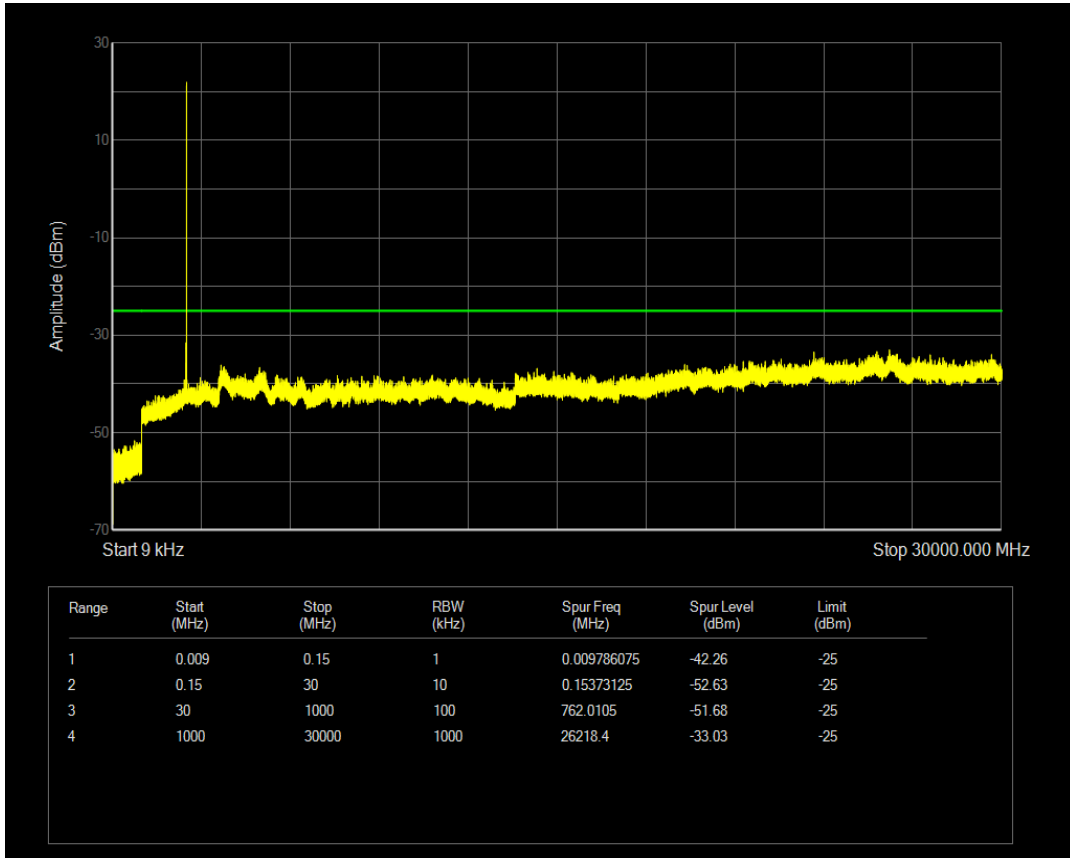
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant1



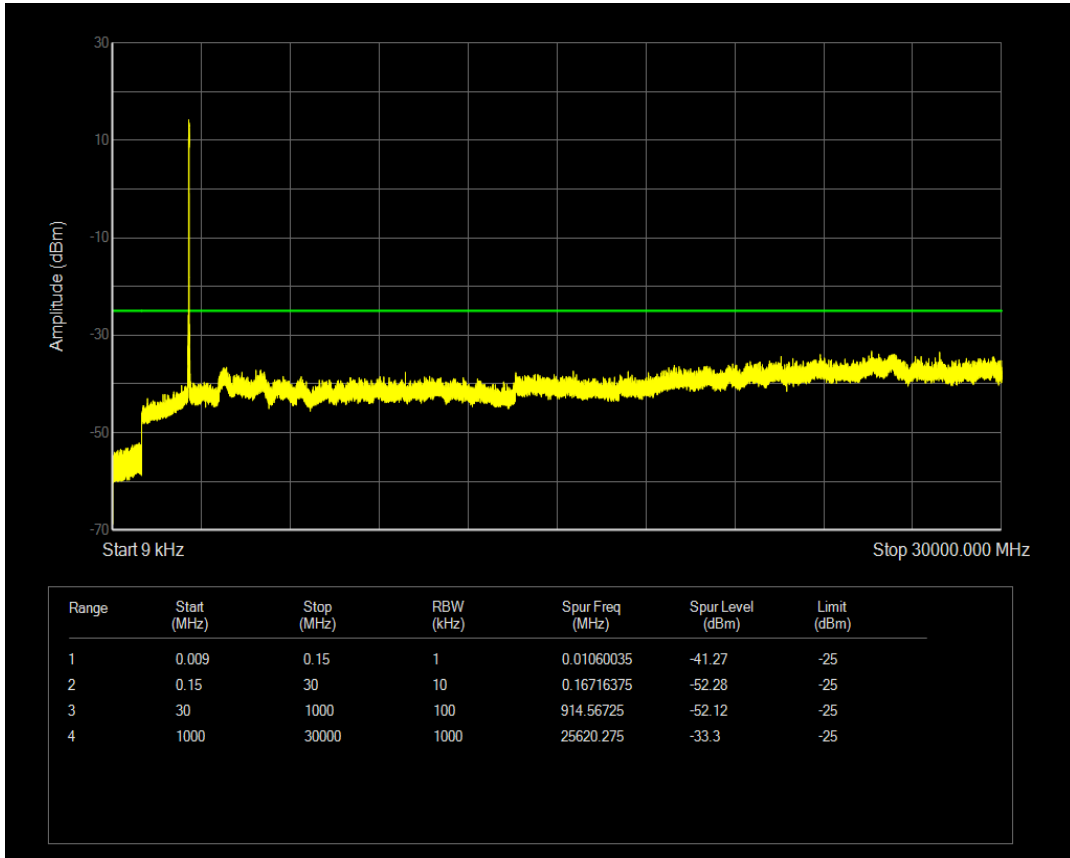
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant2



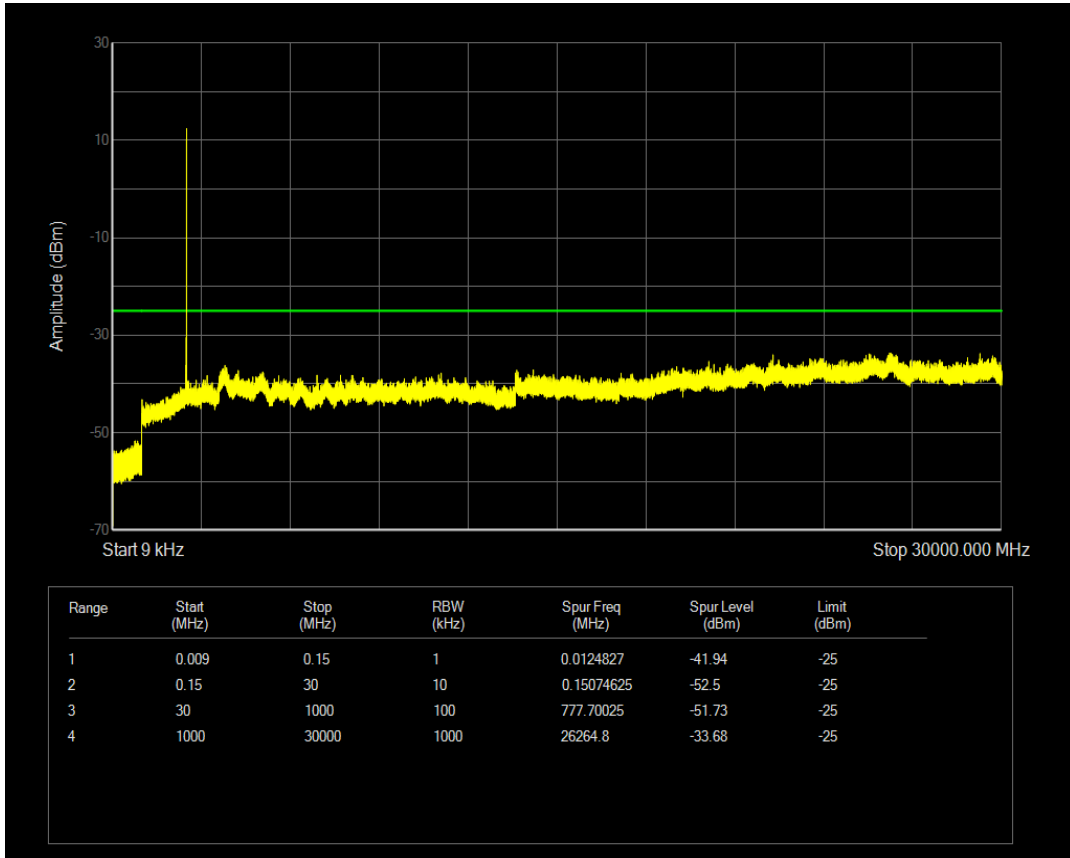
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50 ant1



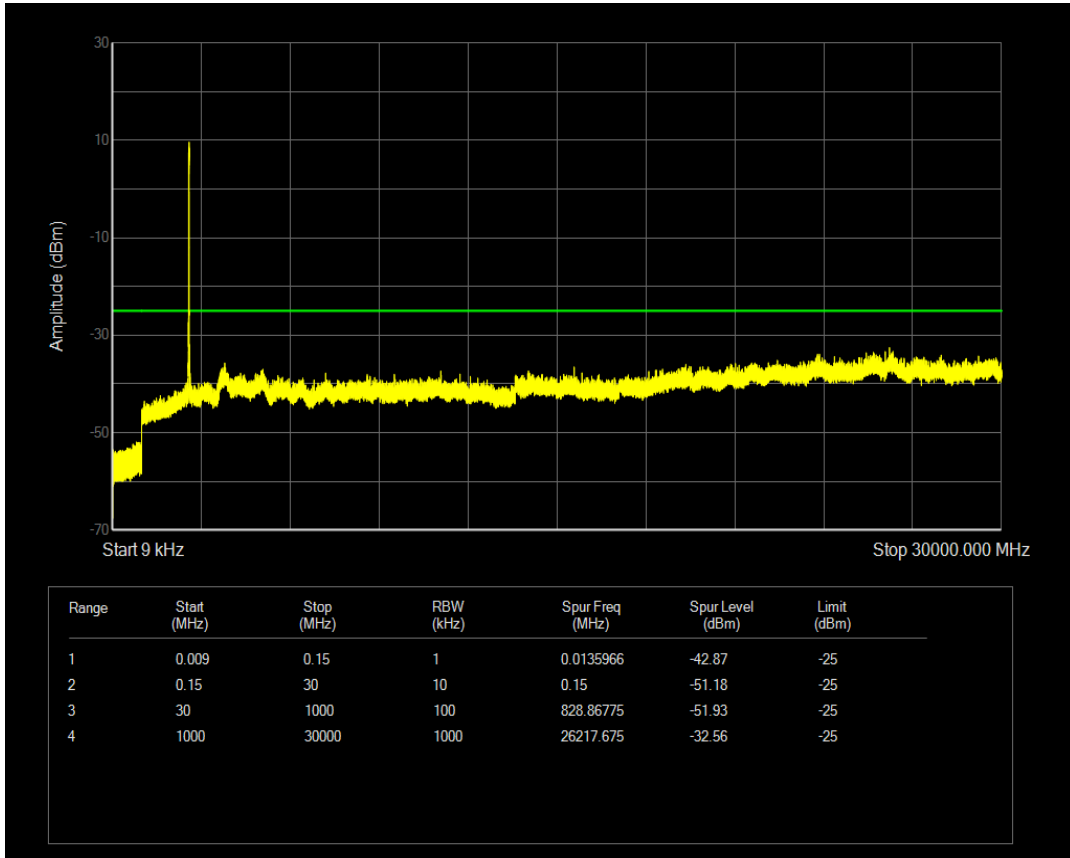
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51 @0 ant1



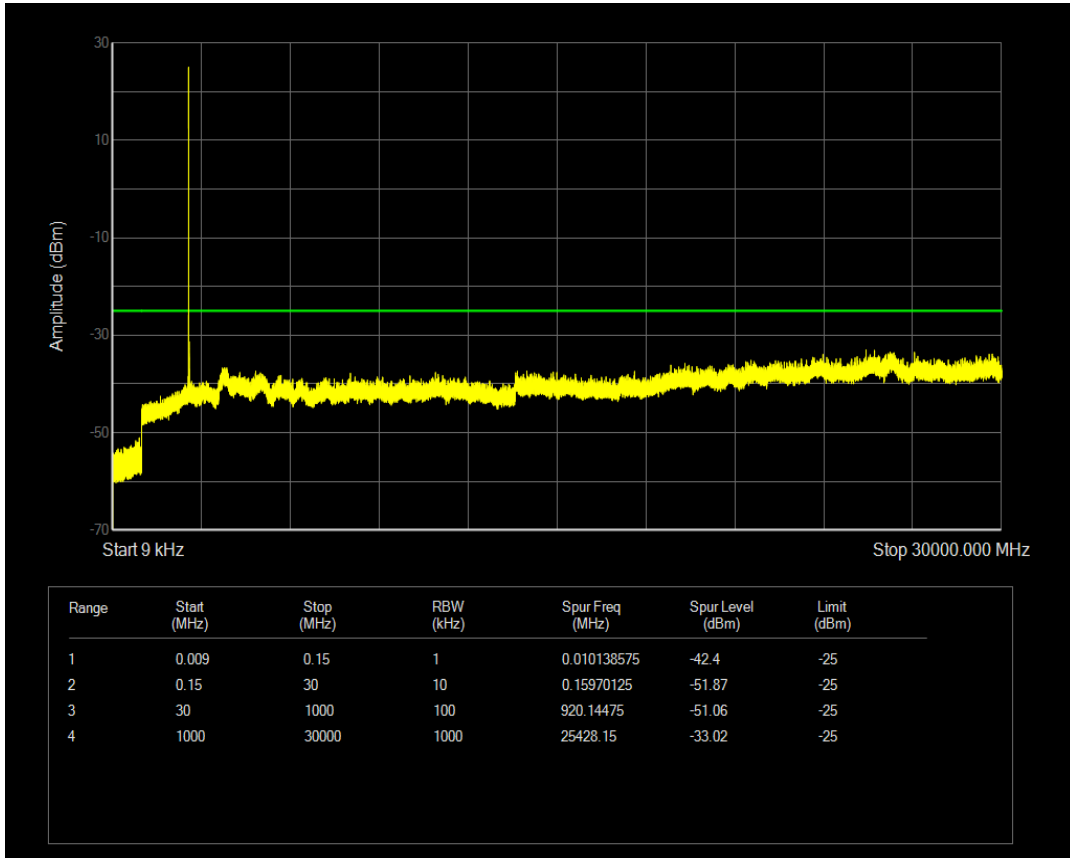
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50 ant2



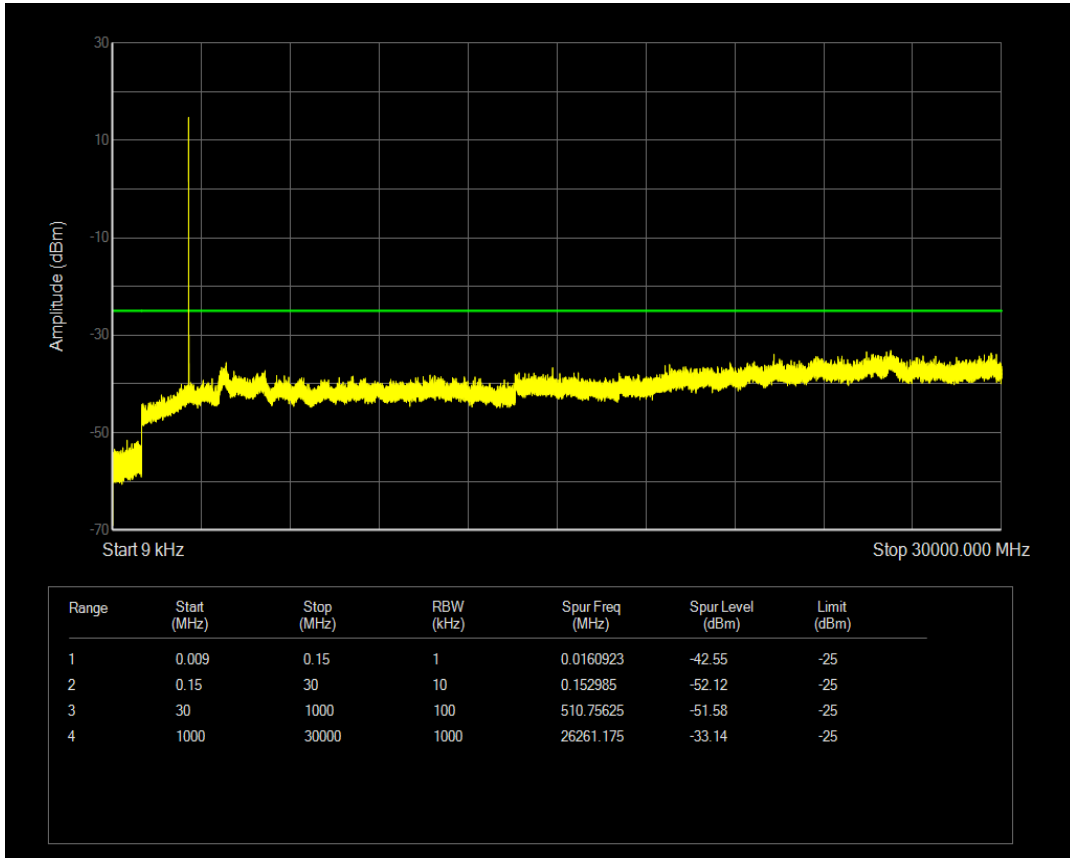
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51 @0 ant2



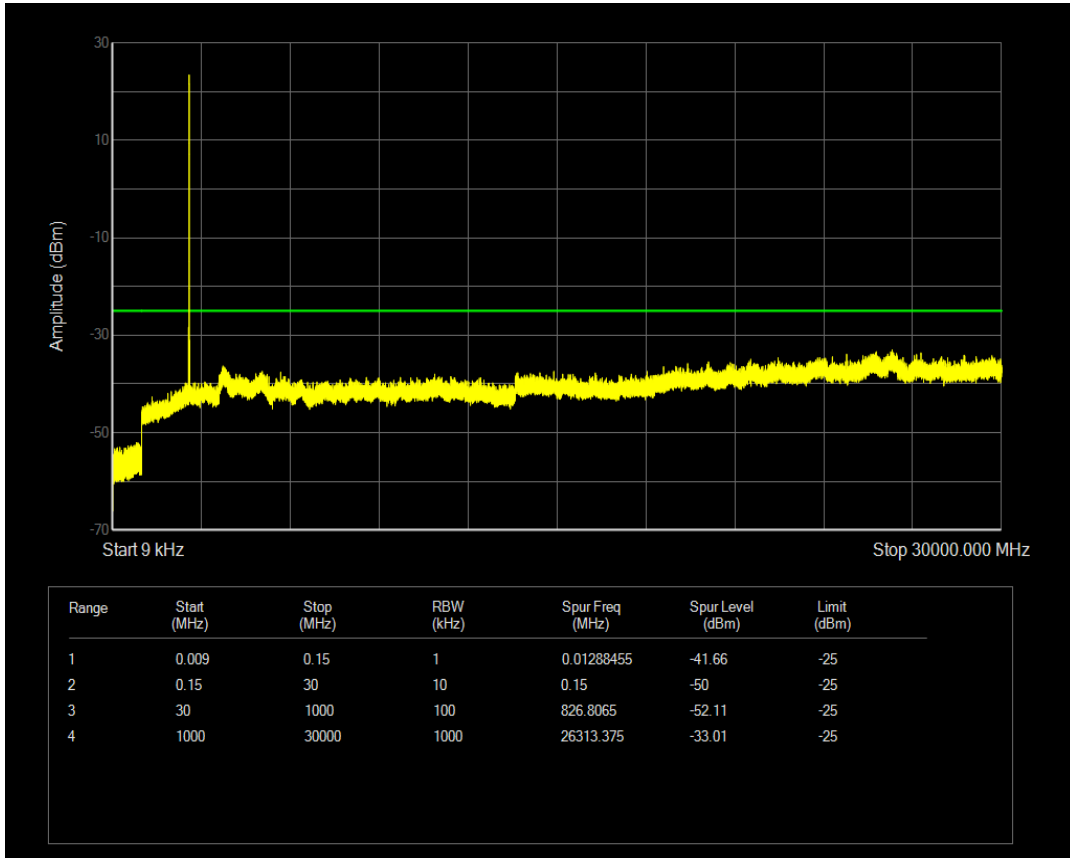
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@0 ant1



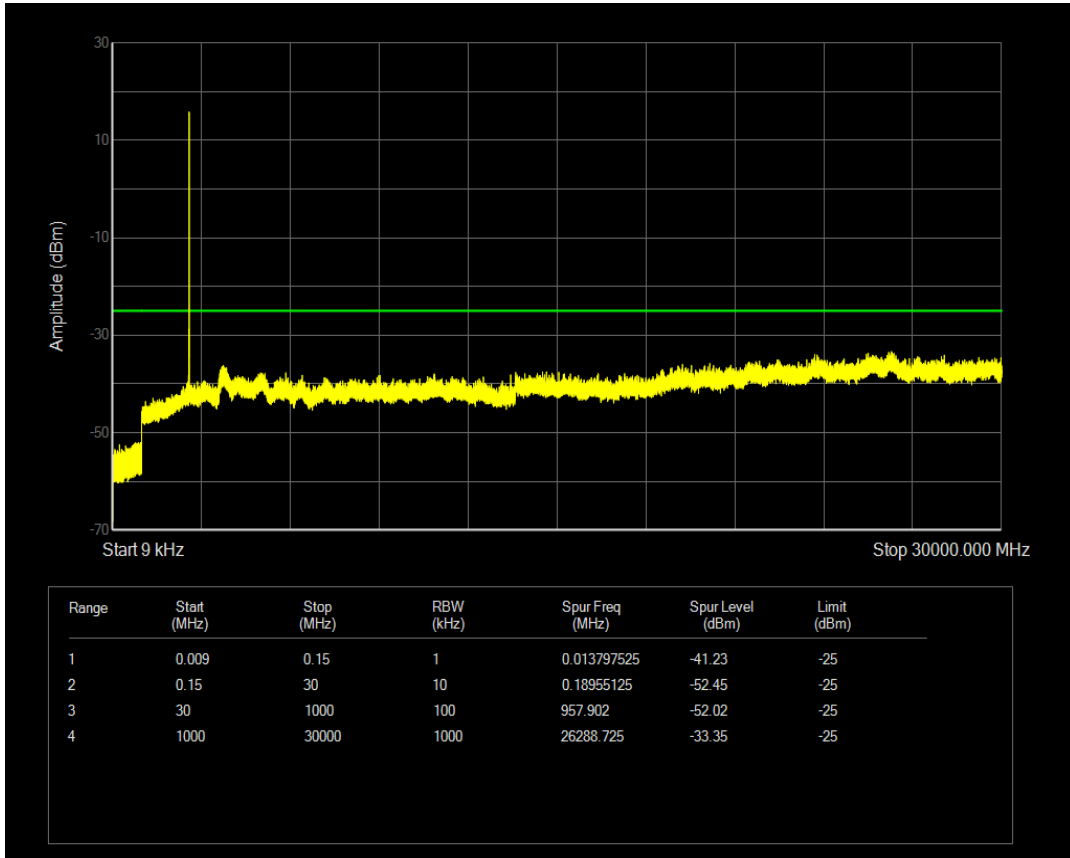
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@0 ant2



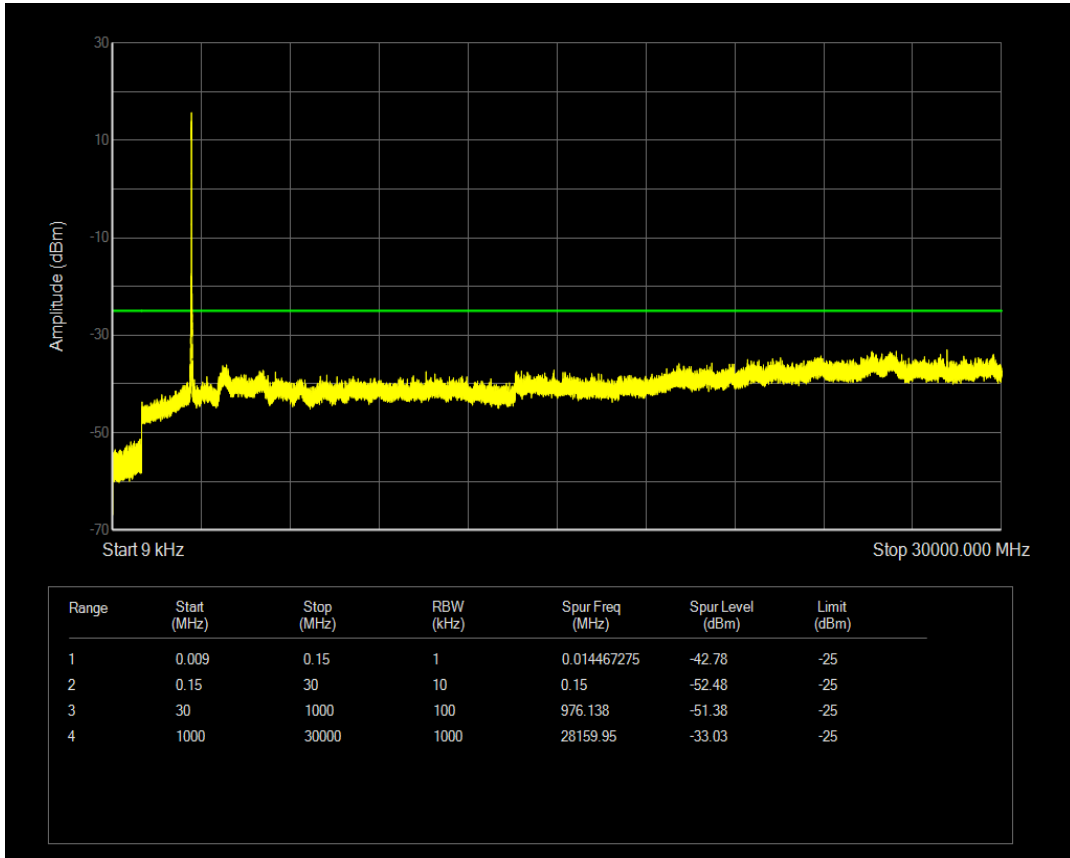
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@50 ant1



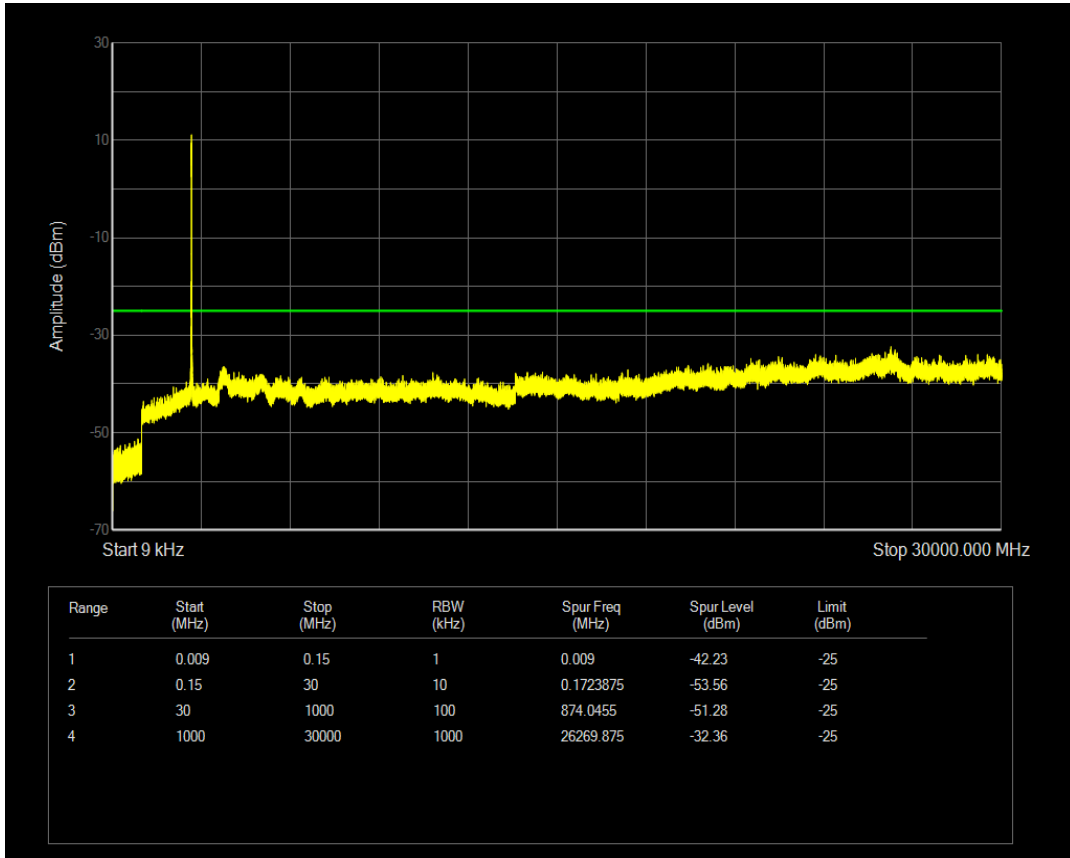
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@50 ant2



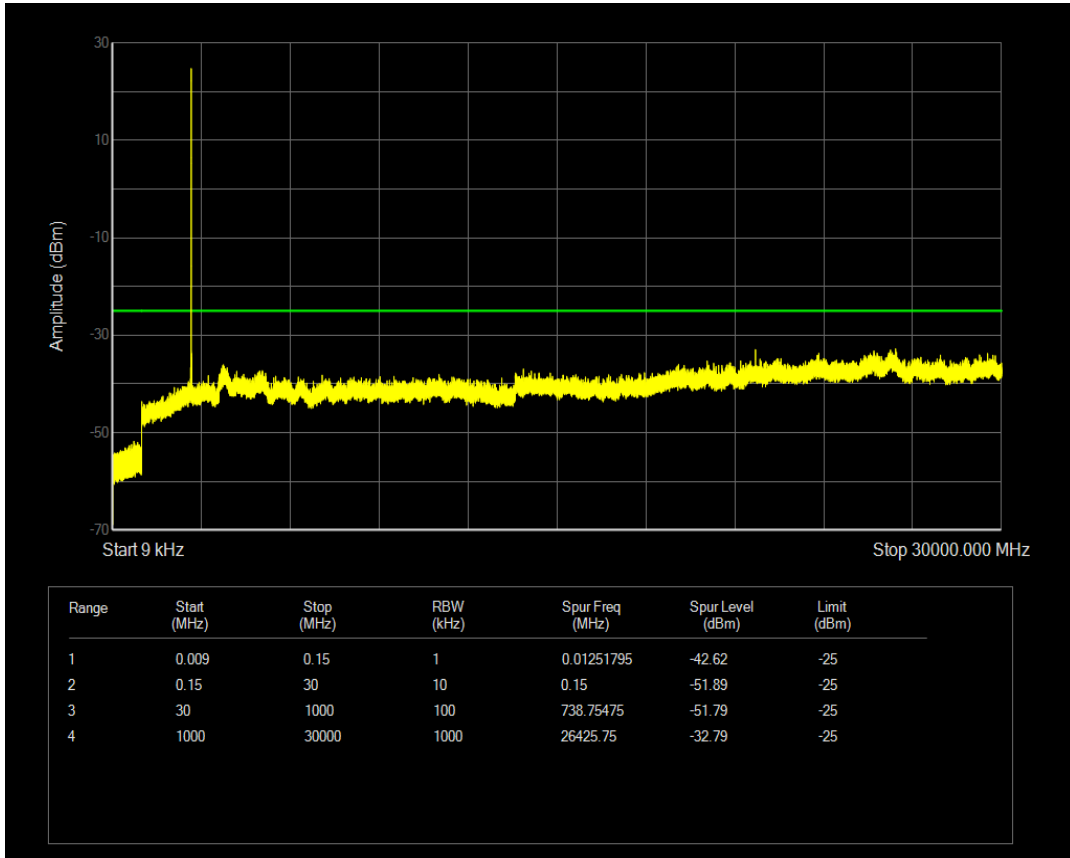
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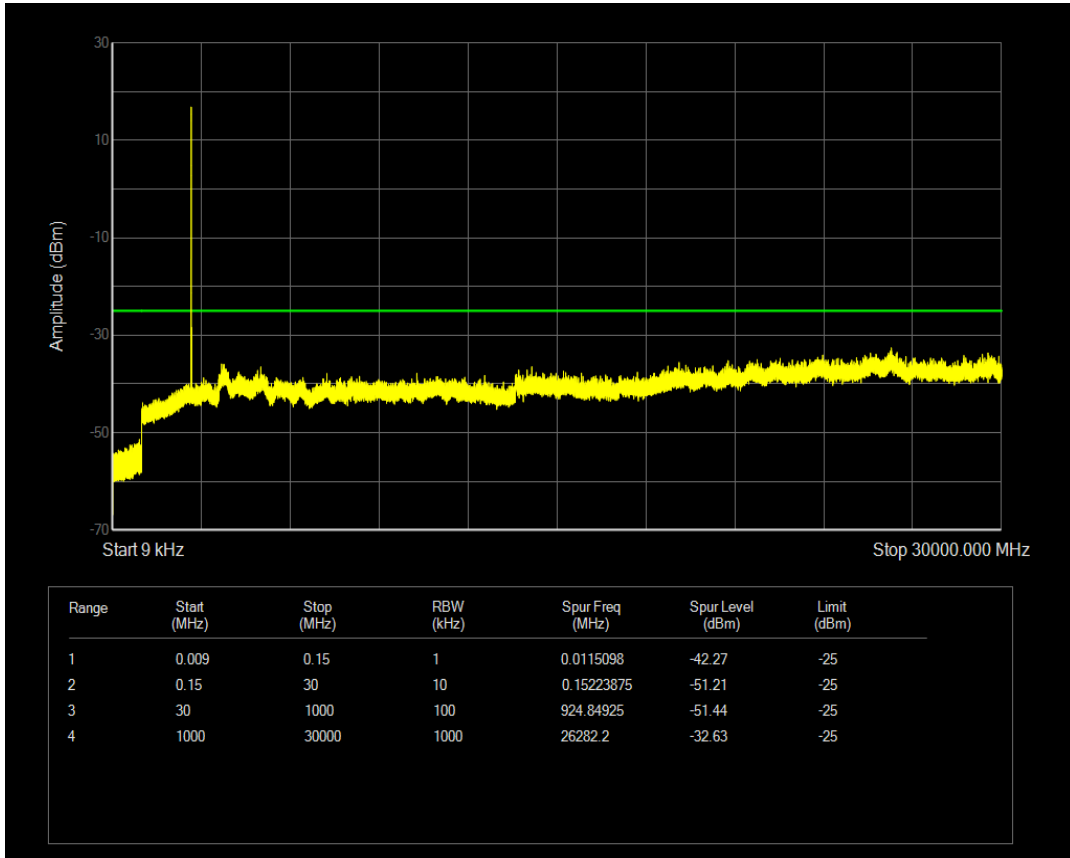
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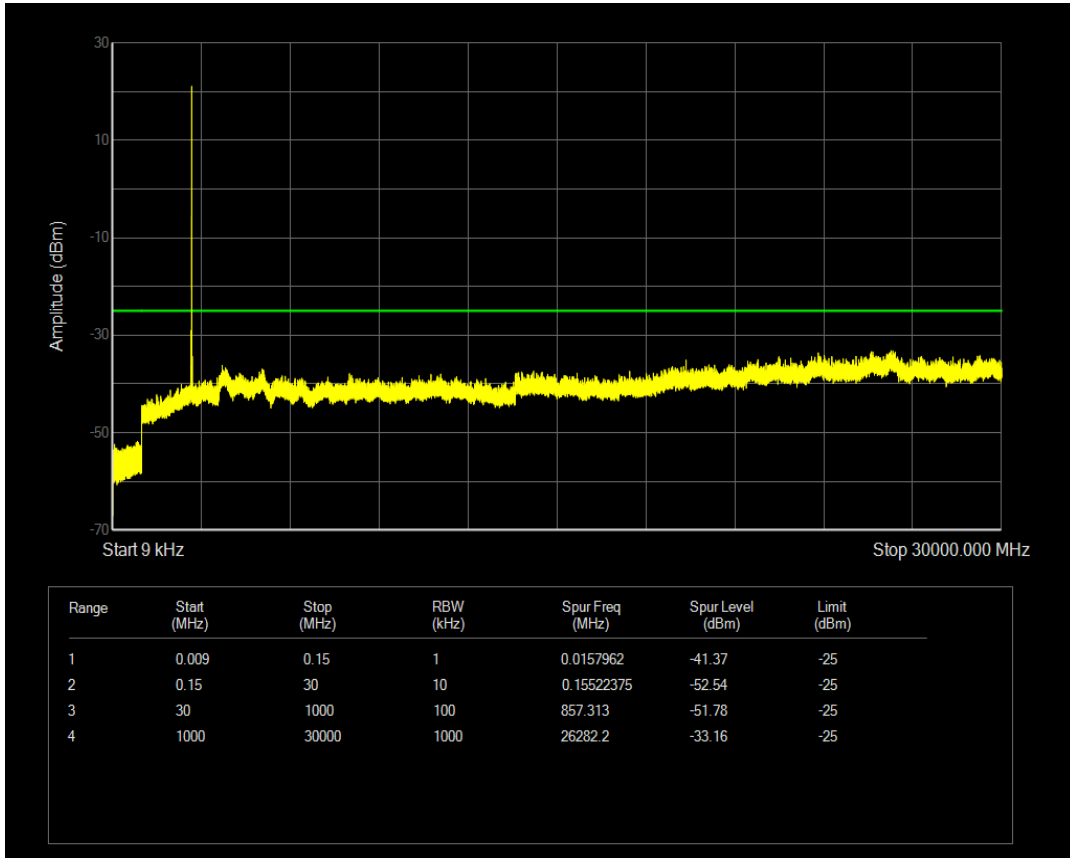
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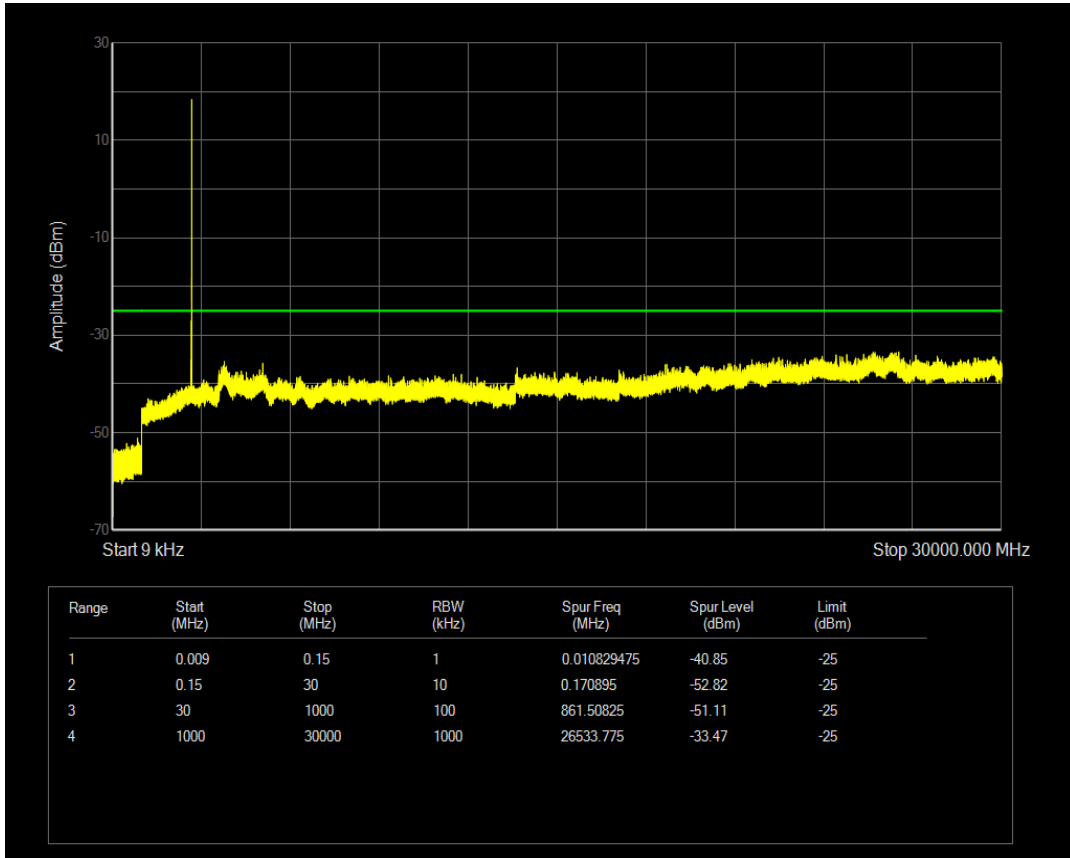
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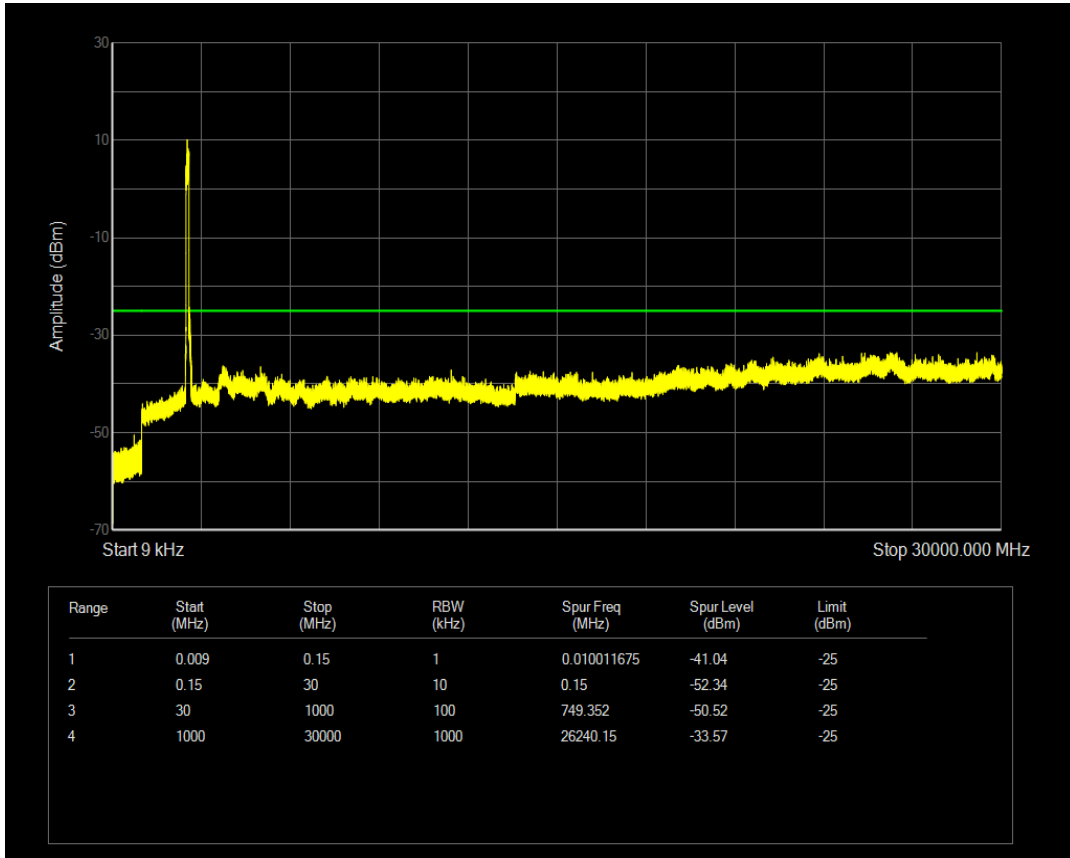
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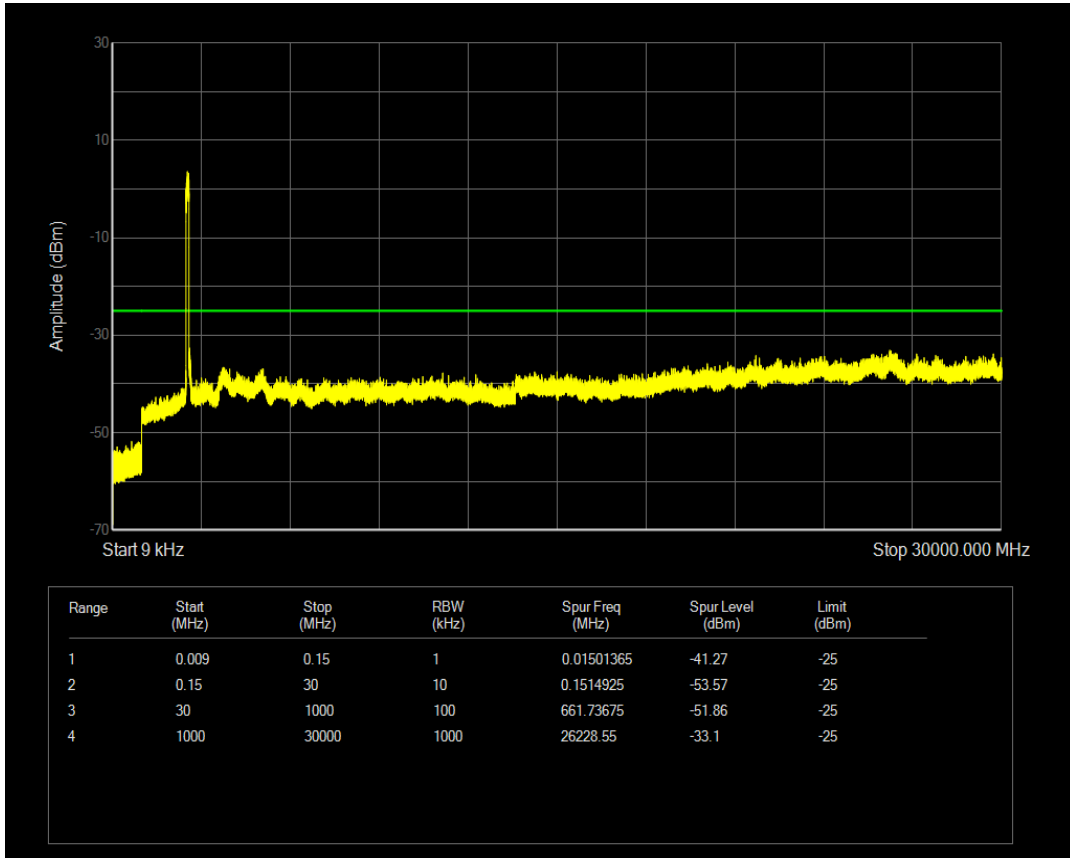
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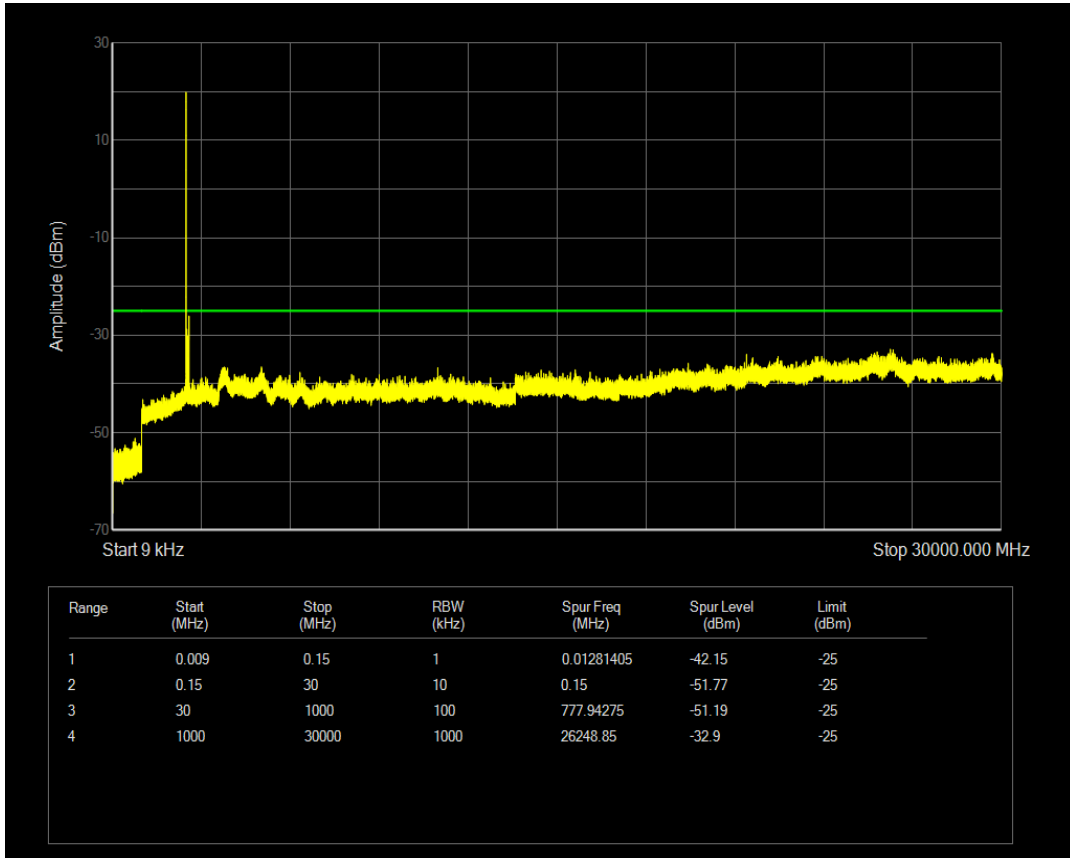
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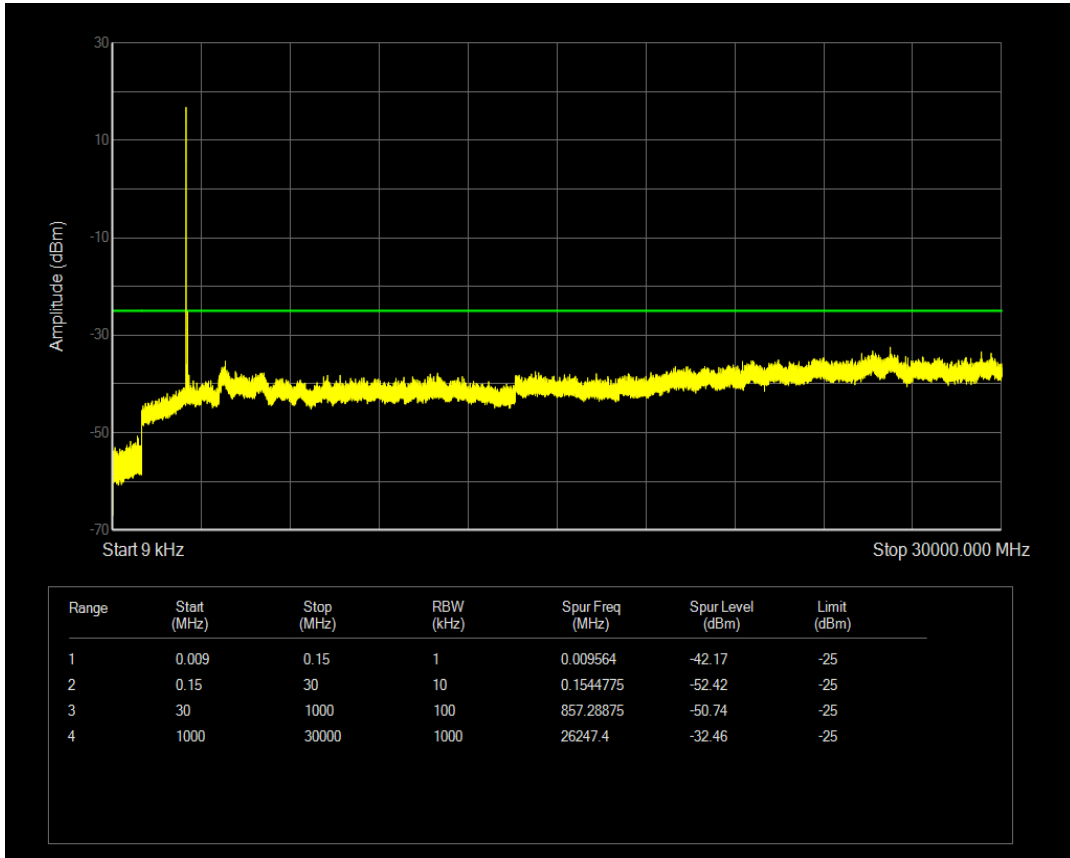
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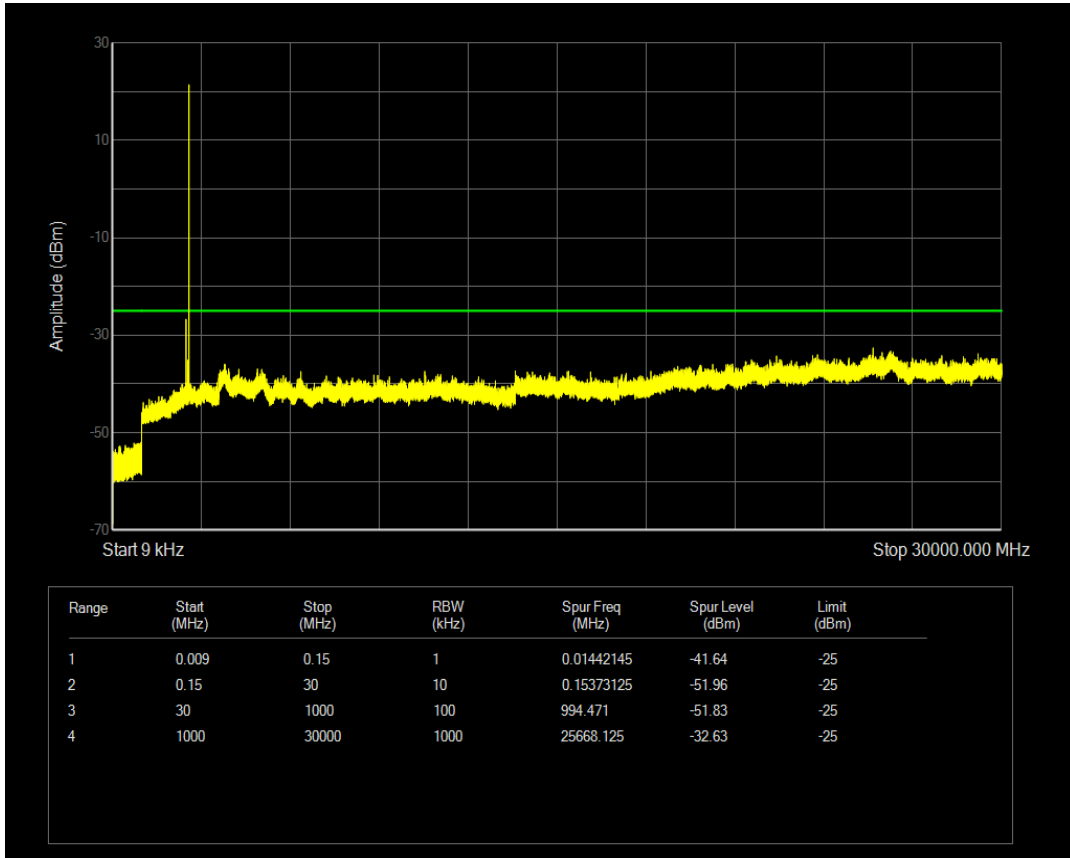
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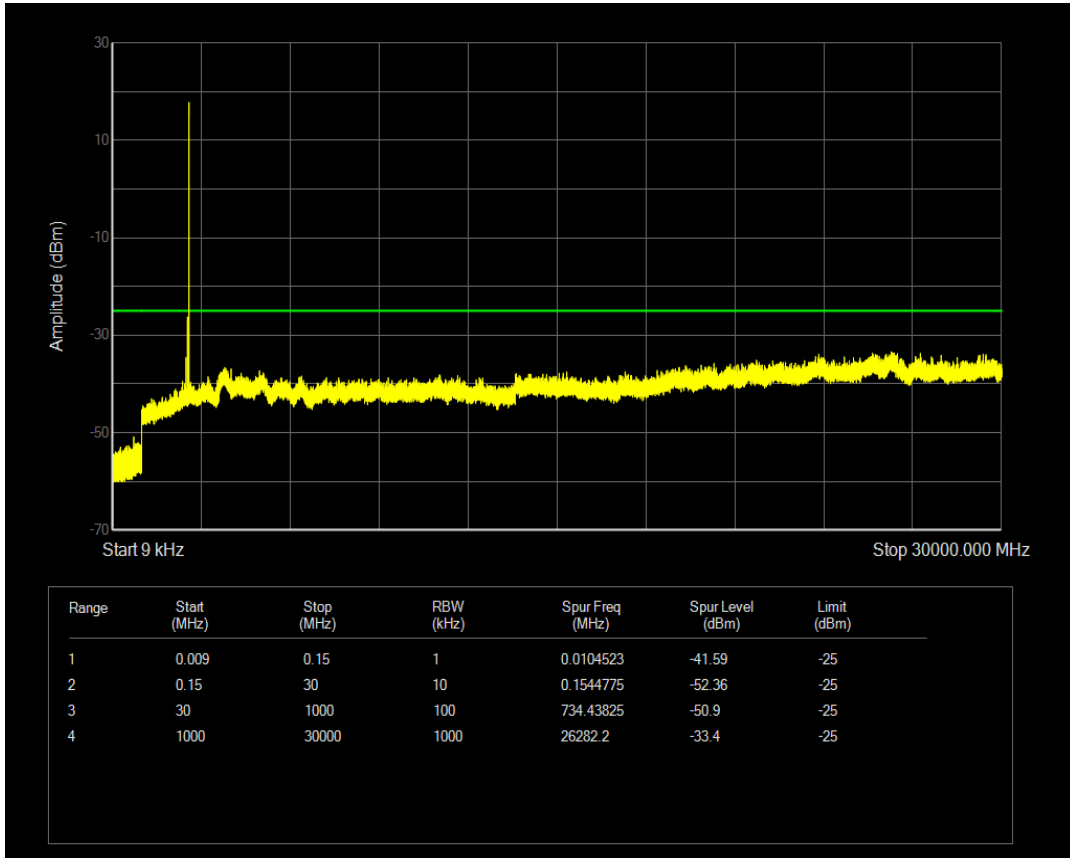
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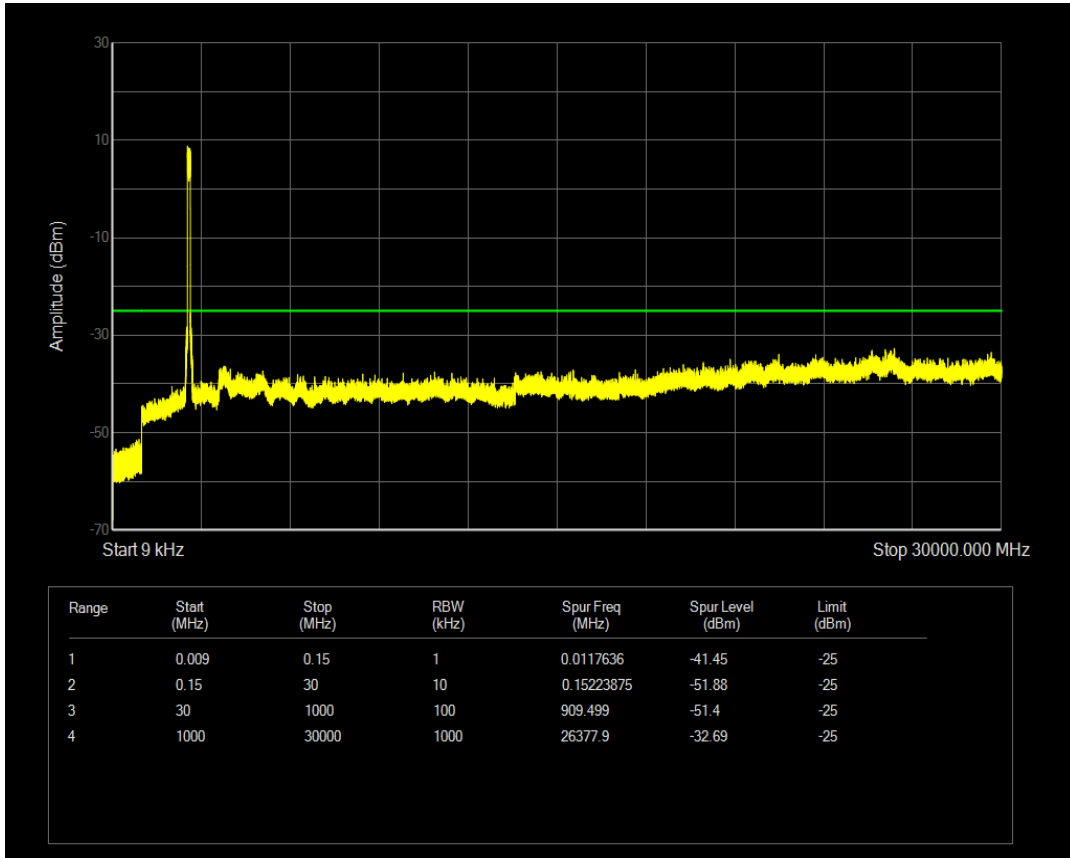
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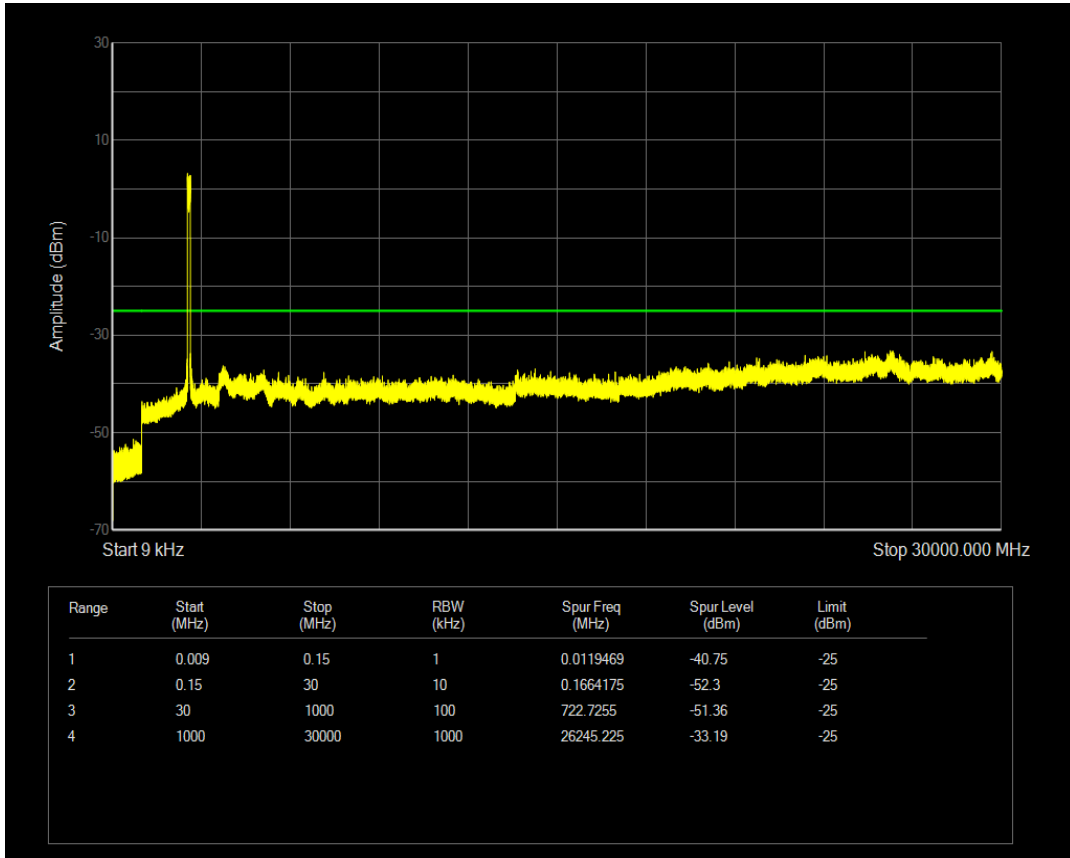
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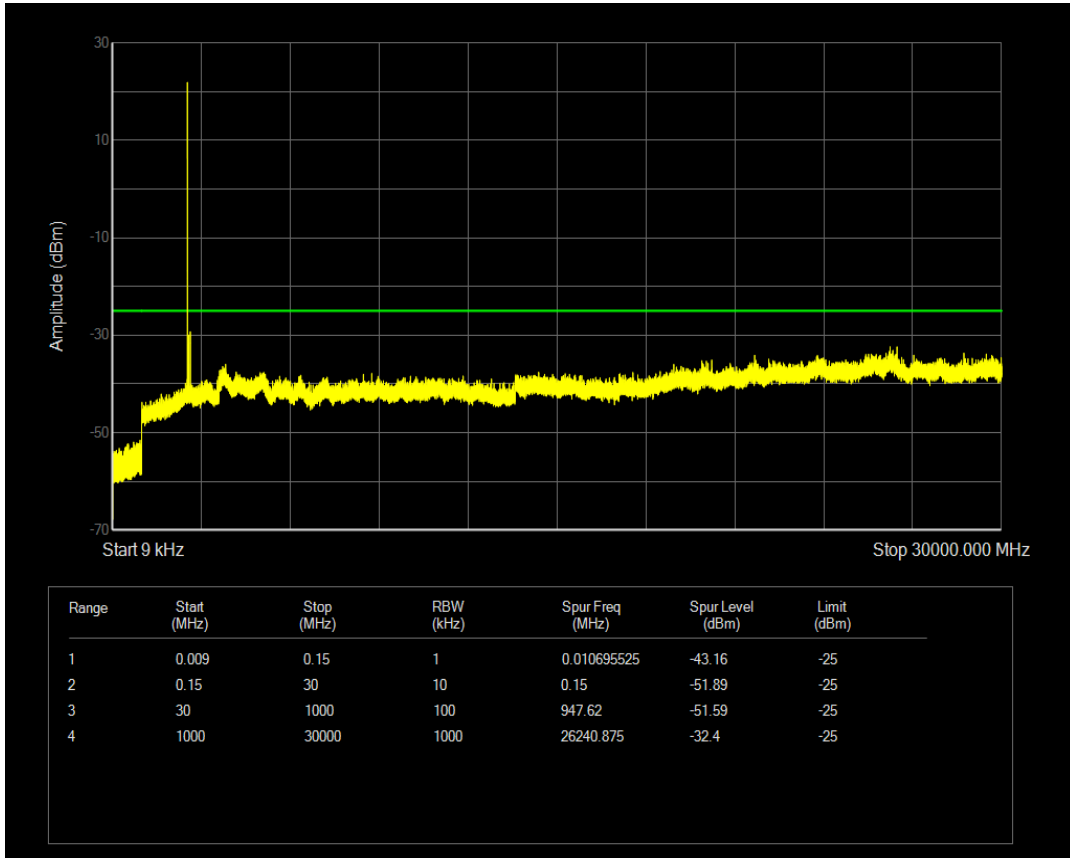
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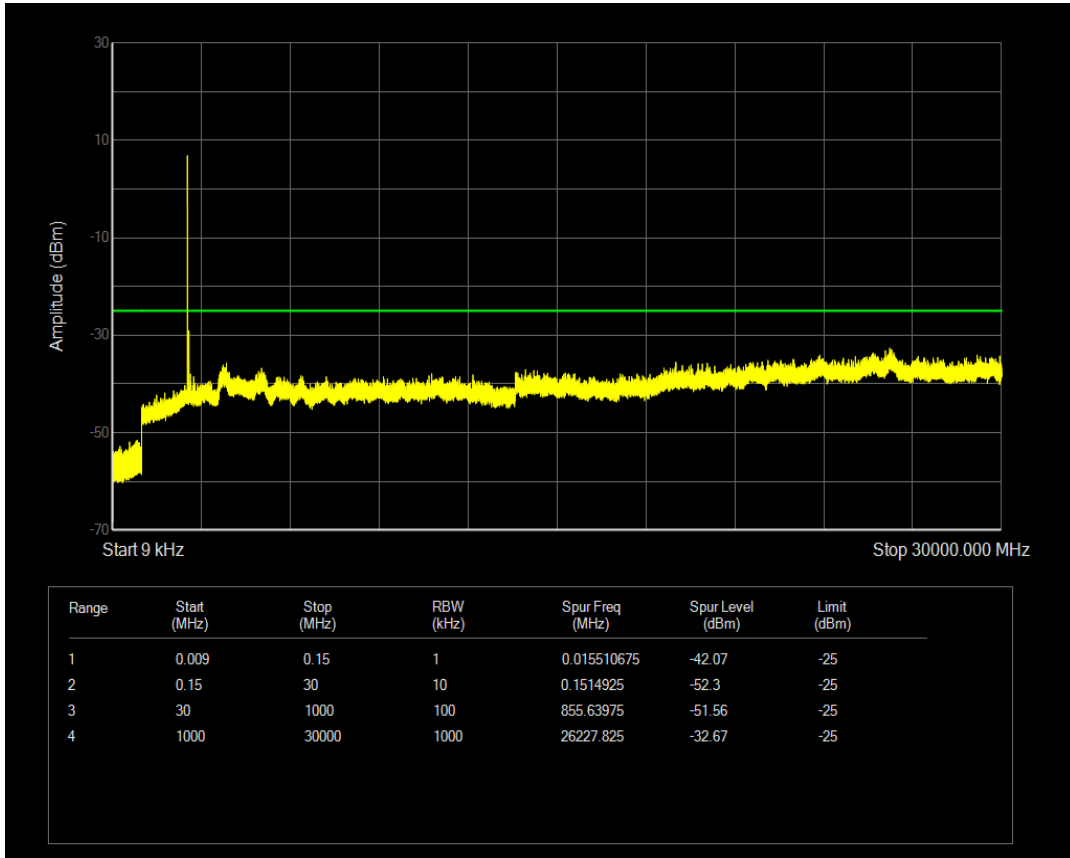
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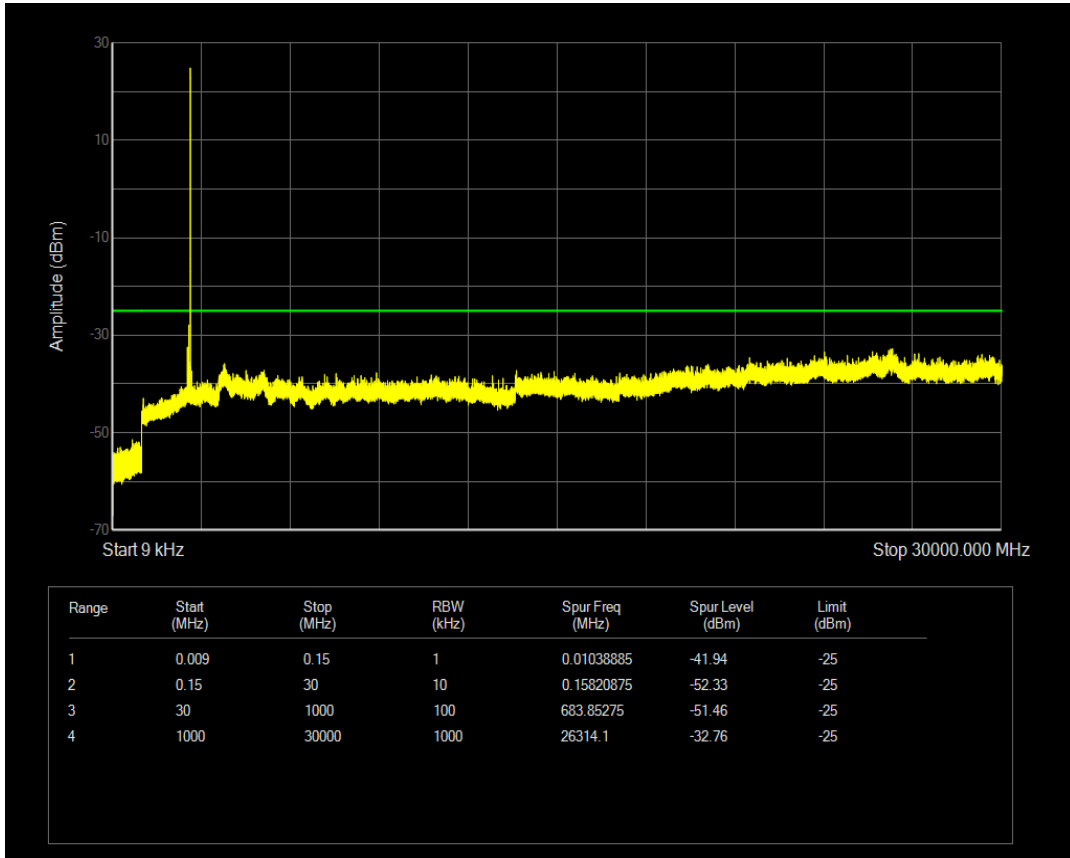
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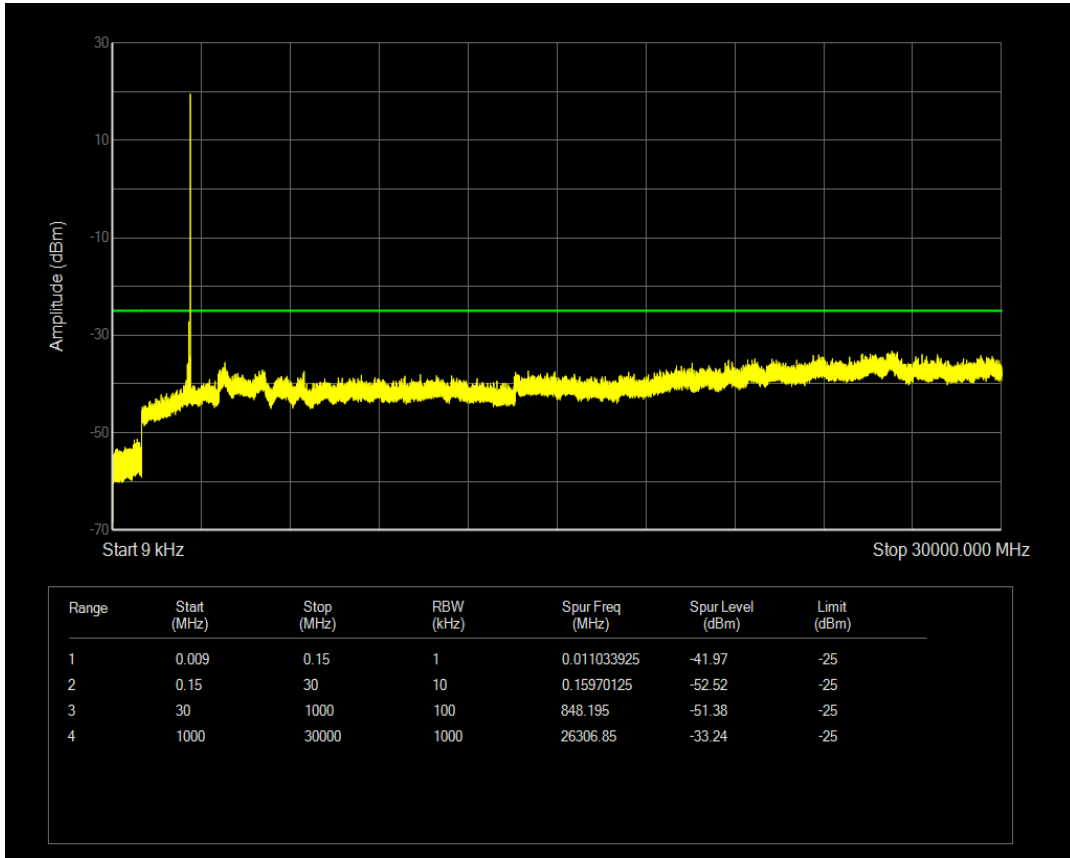
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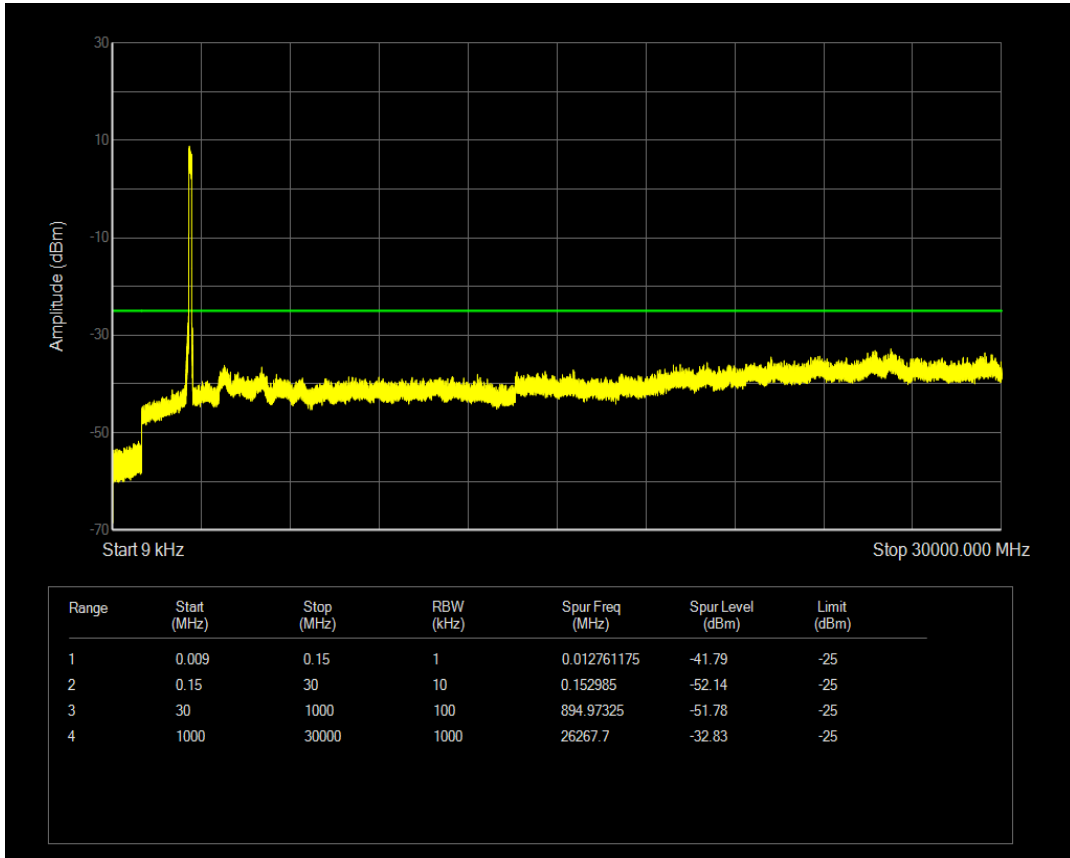
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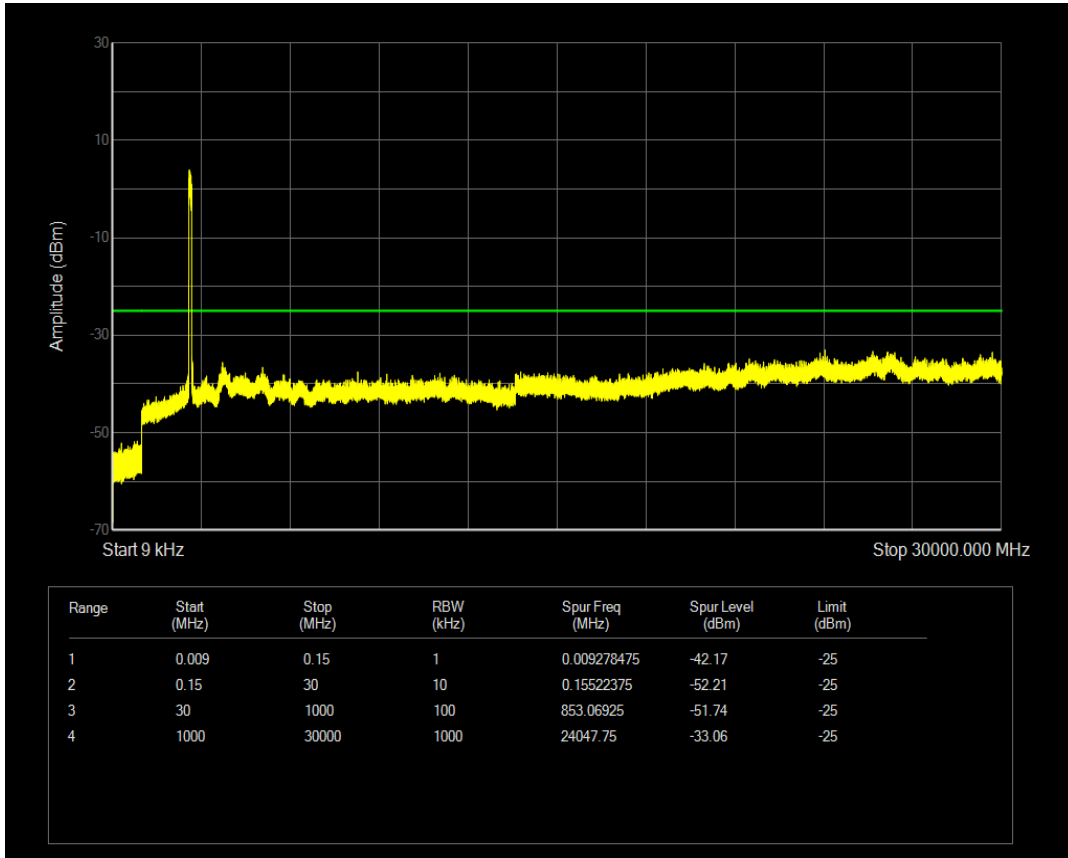
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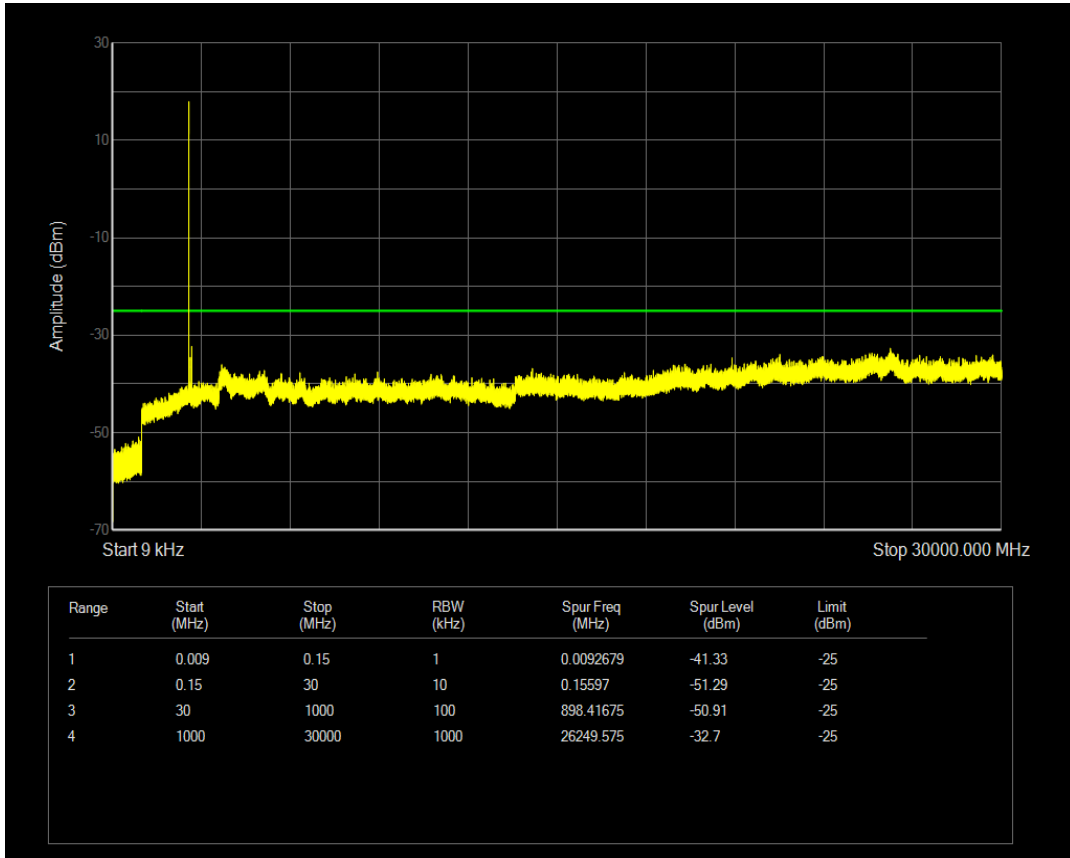
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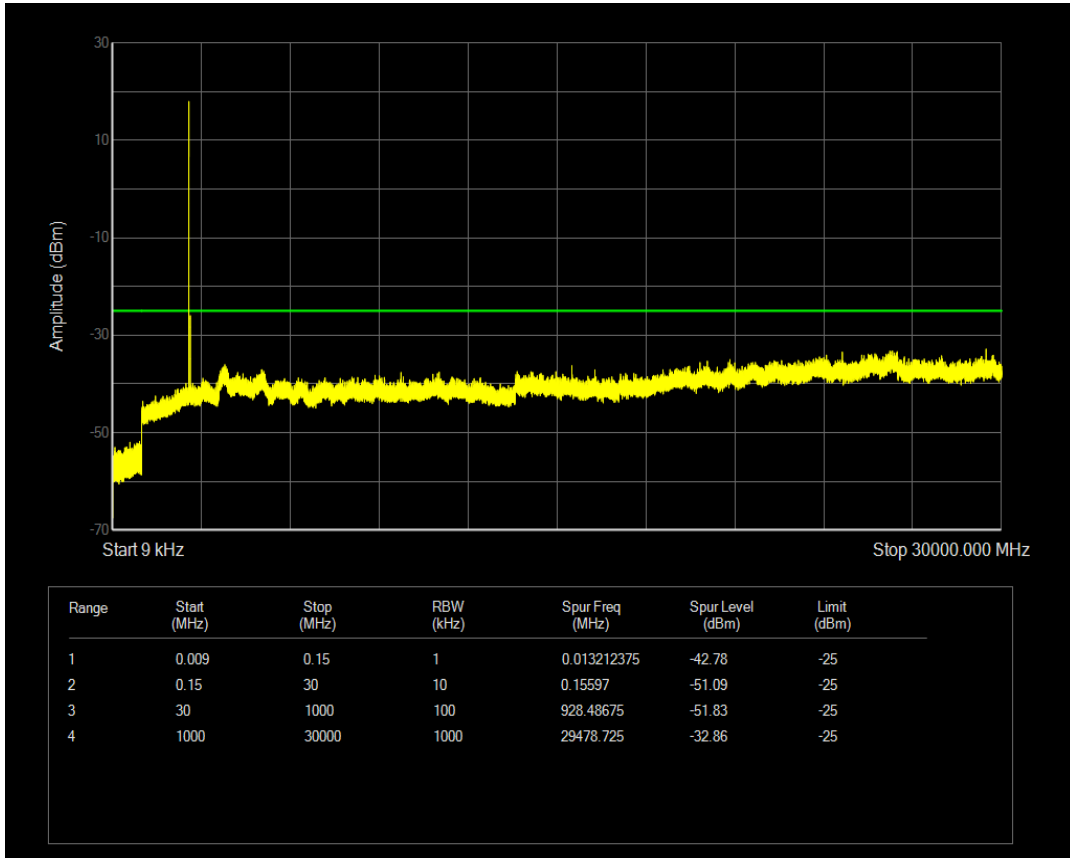
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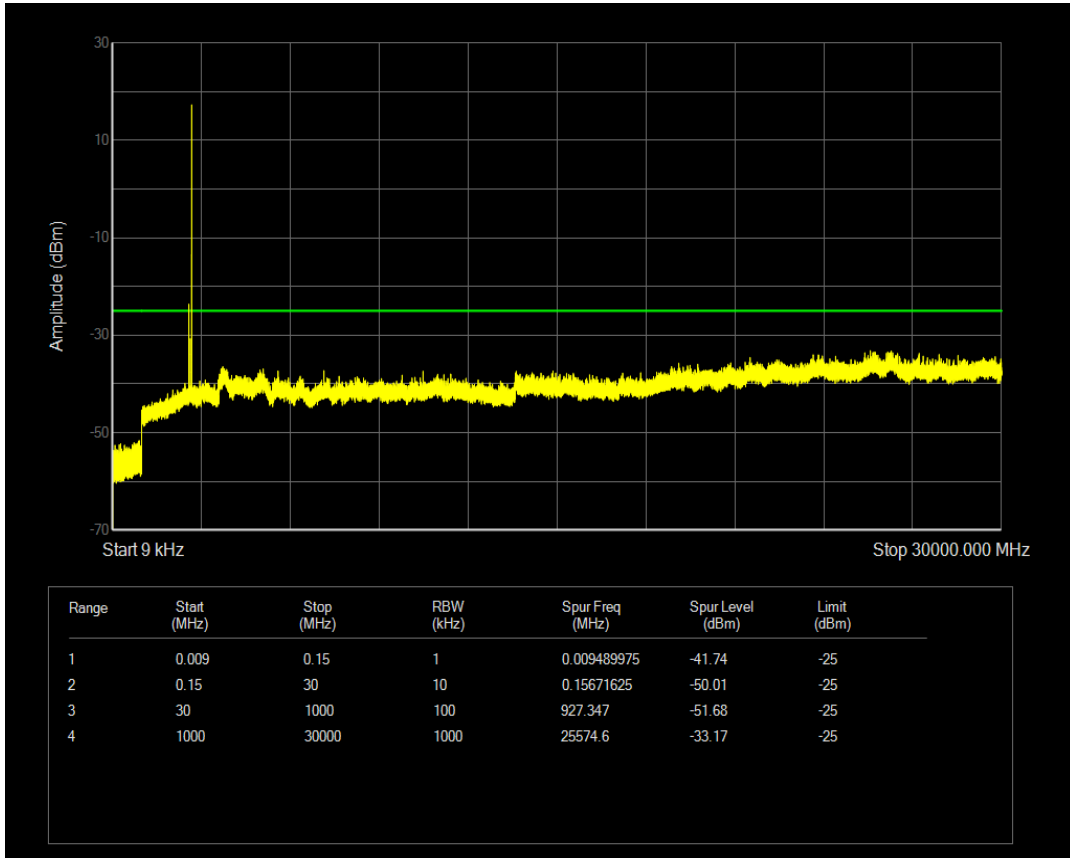
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n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0 ant2



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



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