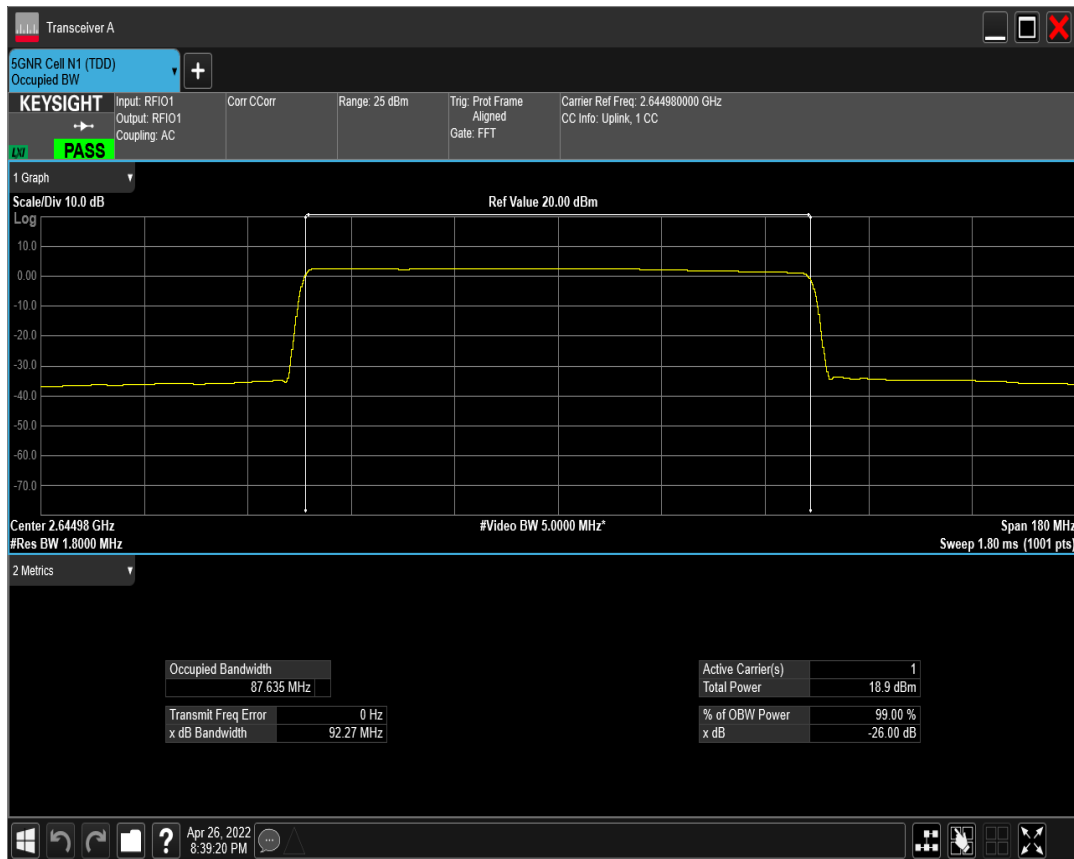
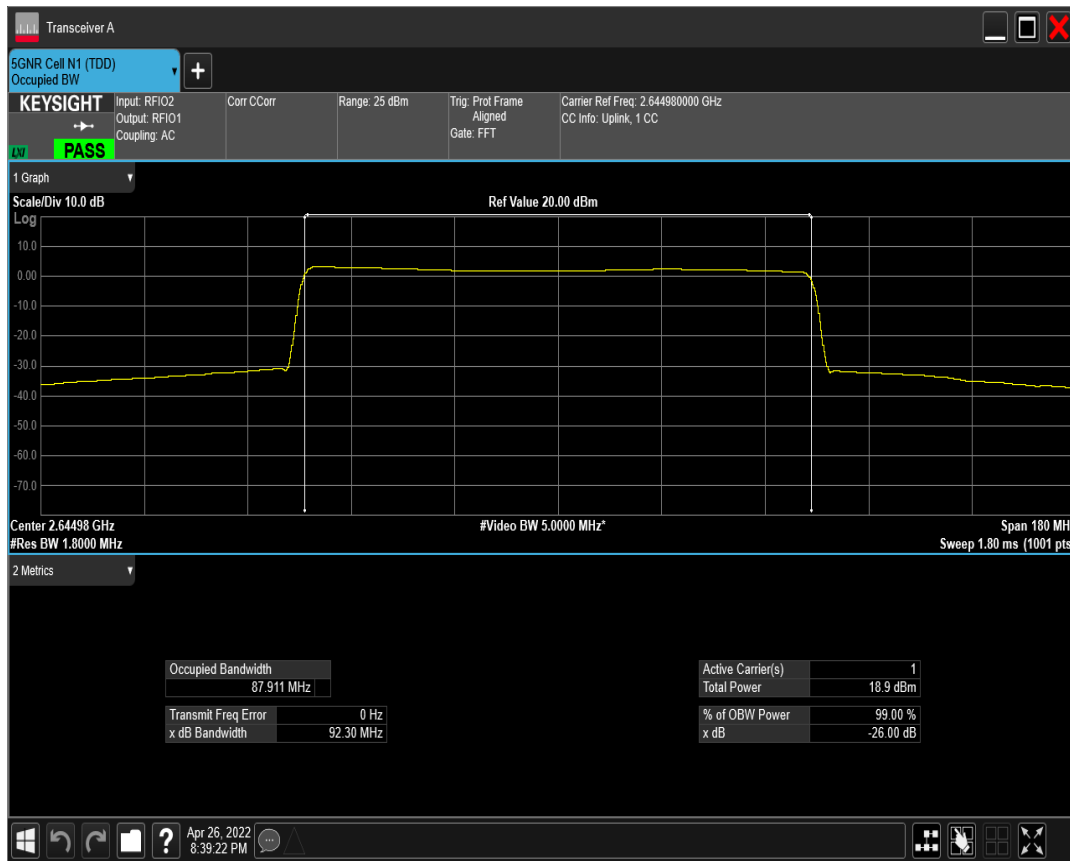
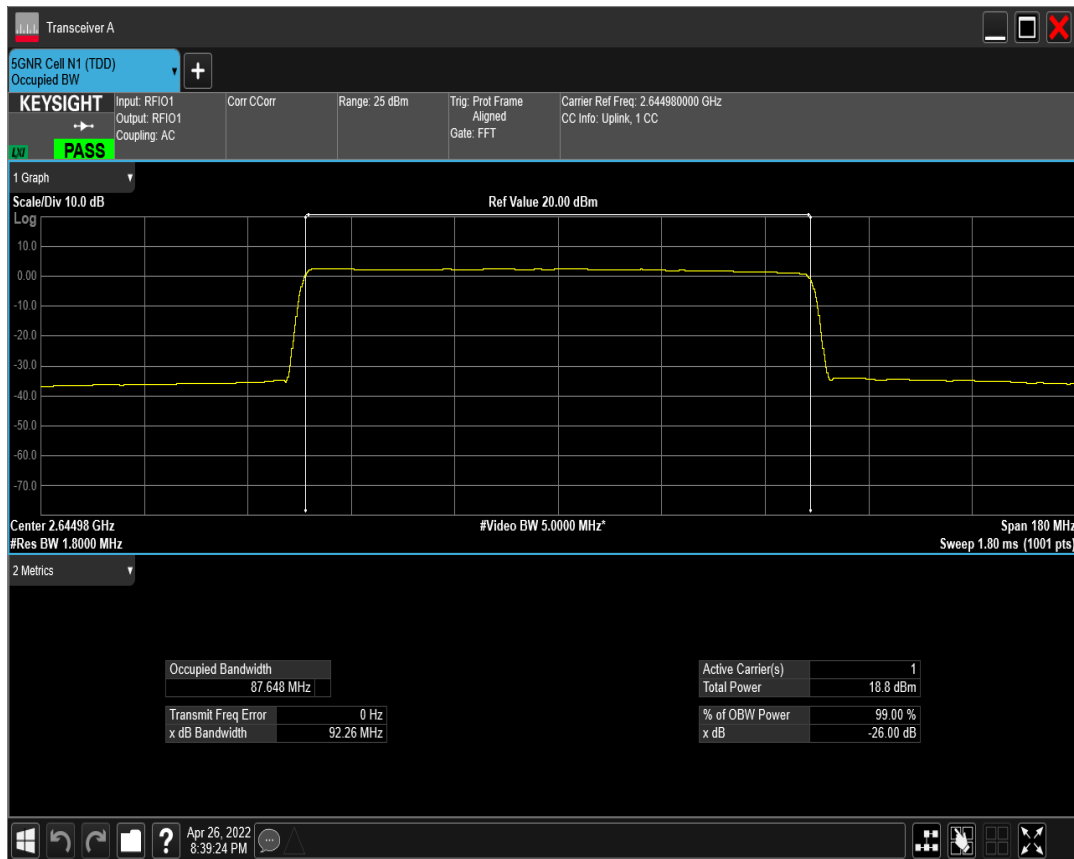




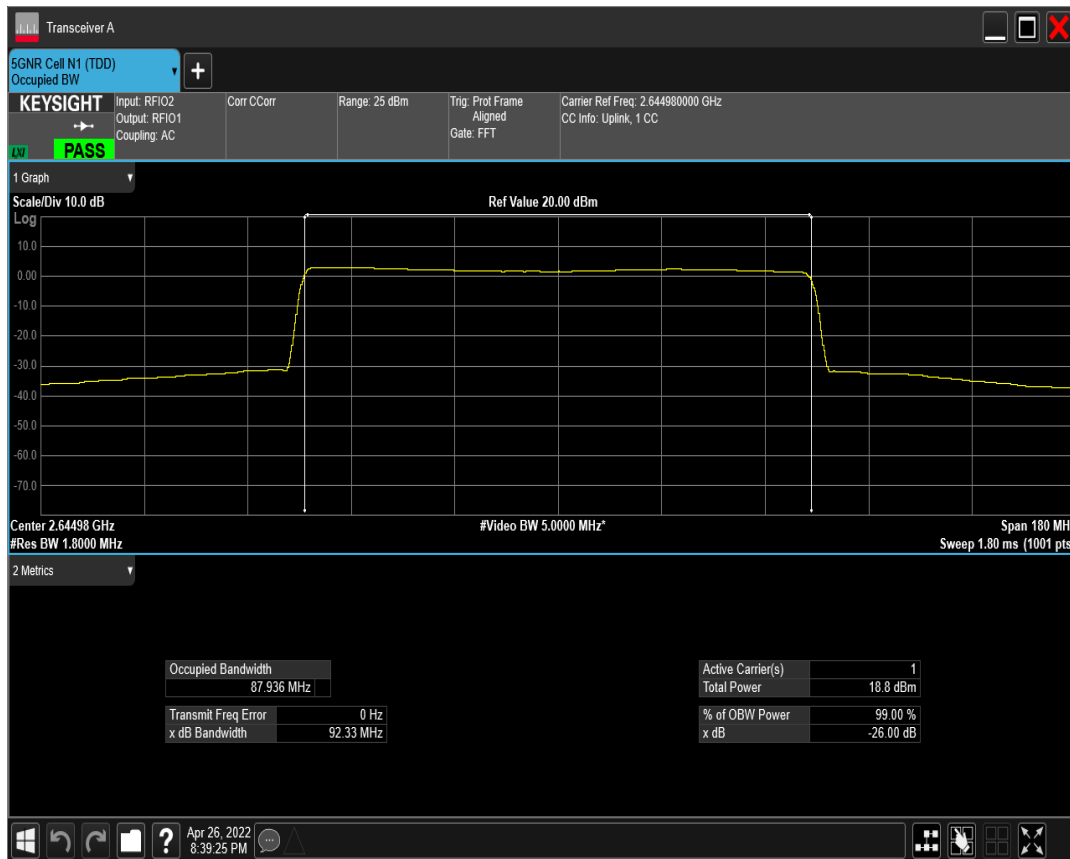
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=528996 RB=245@0 ant2



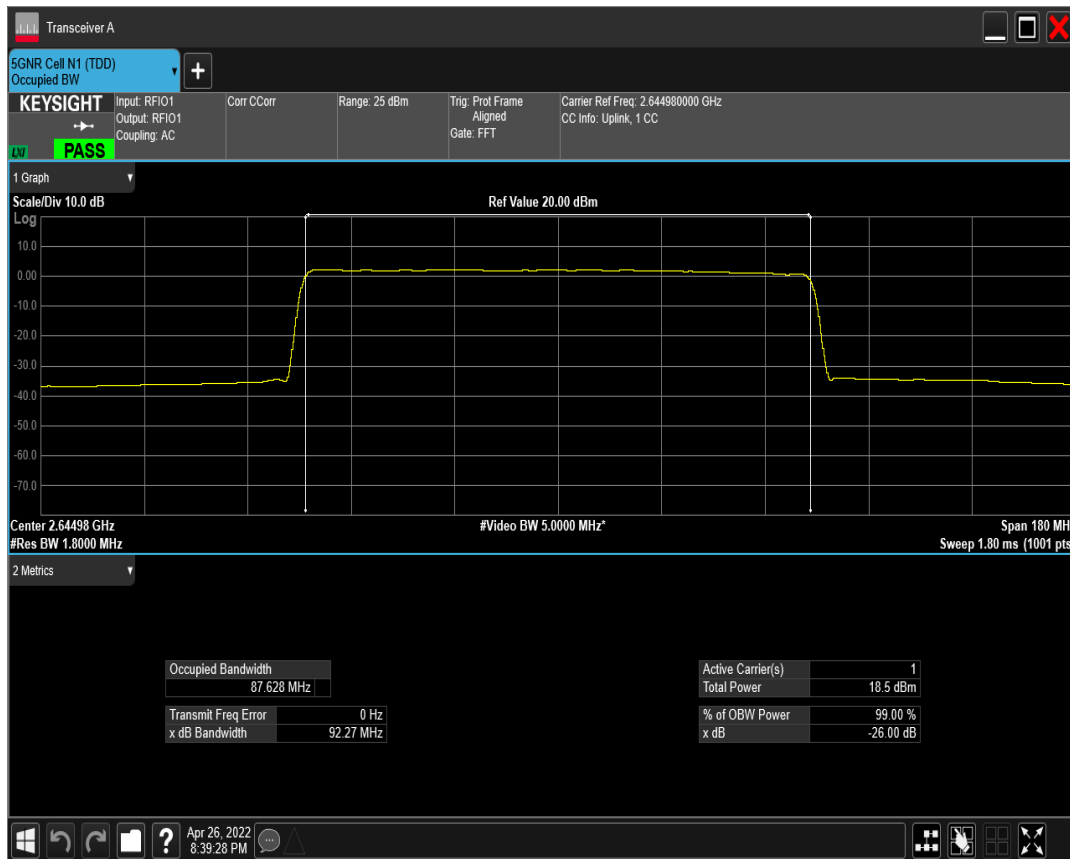
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=528996 RB=245@0 ant1



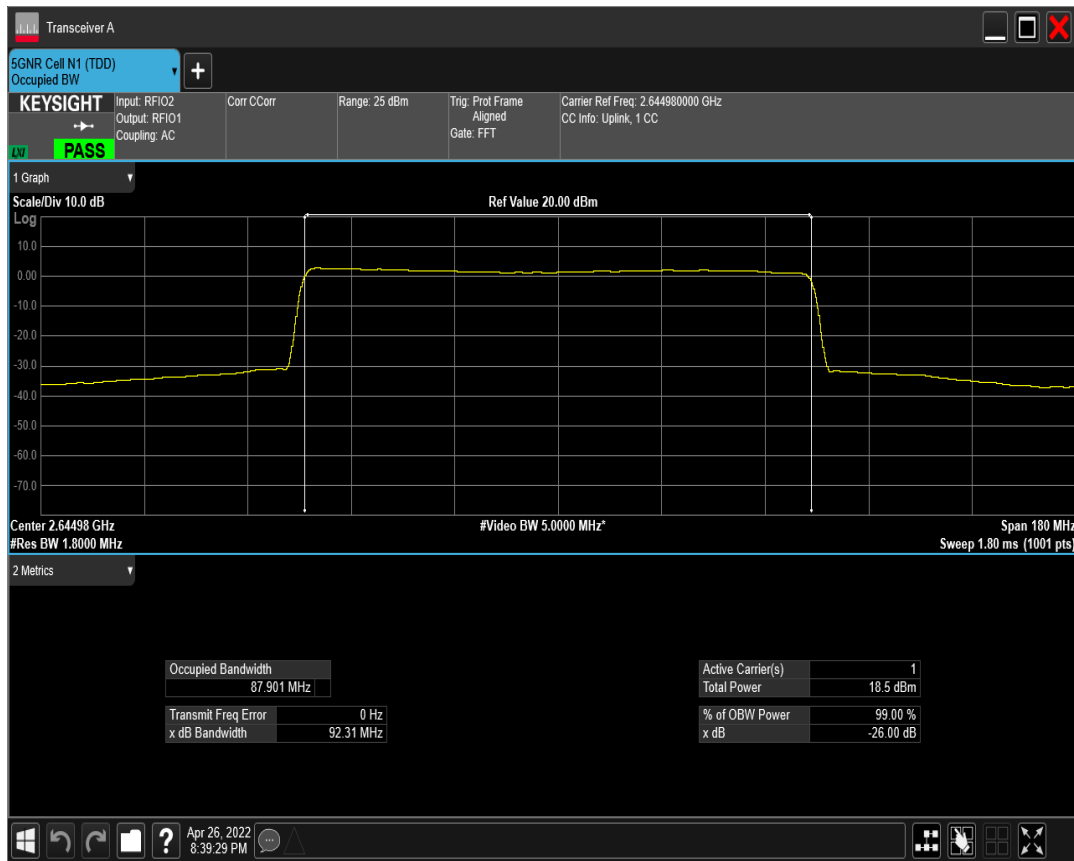
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=528996 RB=245@0 ant2



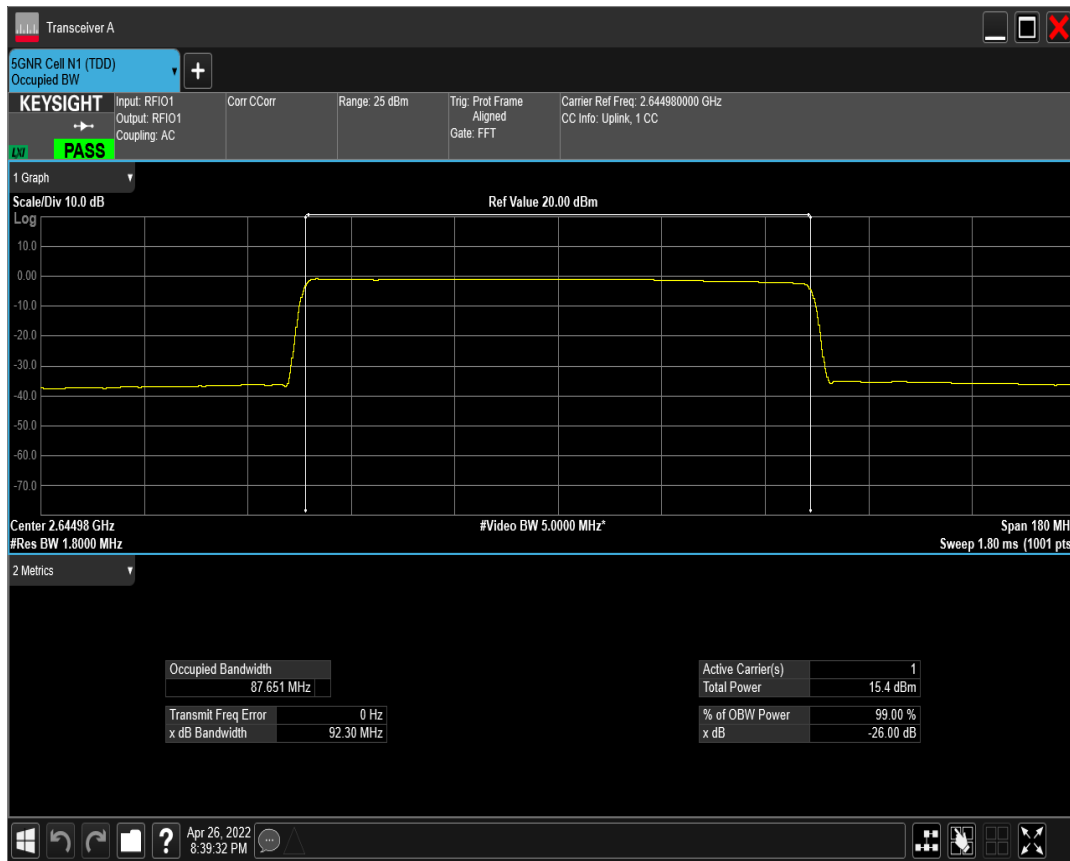
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=528996 RB=245@0 ant1



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



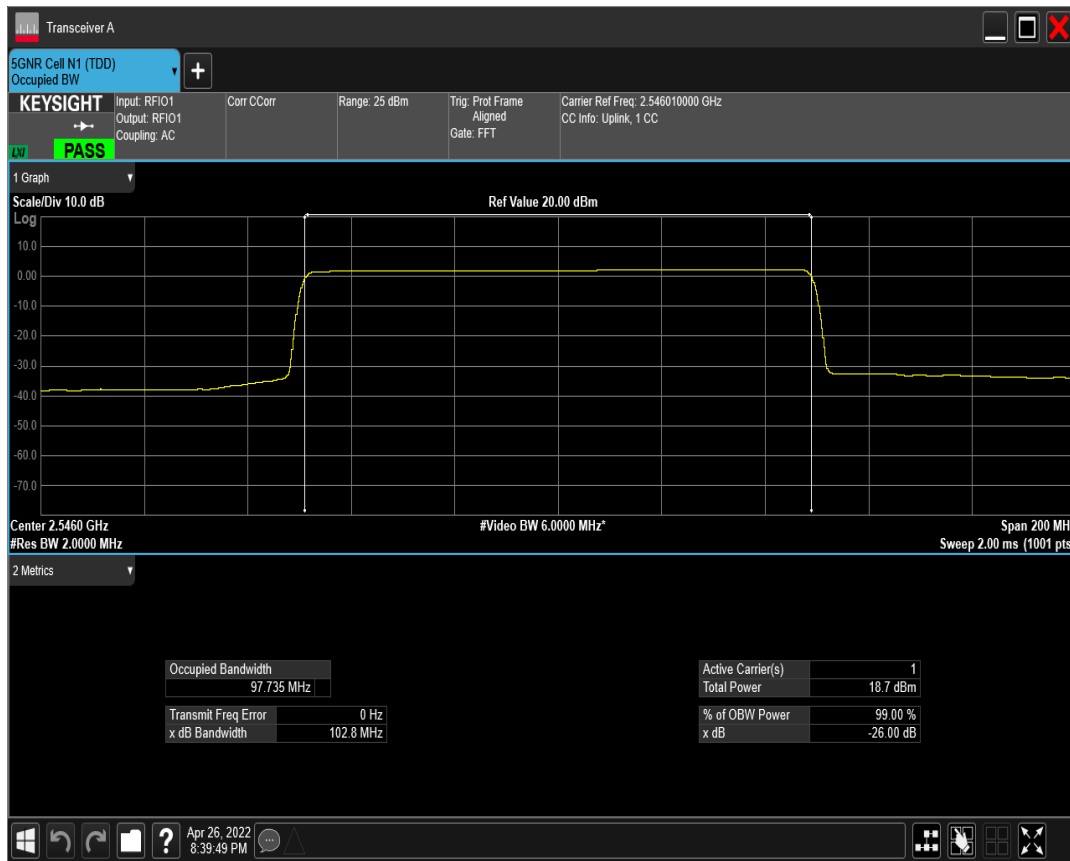
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=528996 RB=245@0 ant1



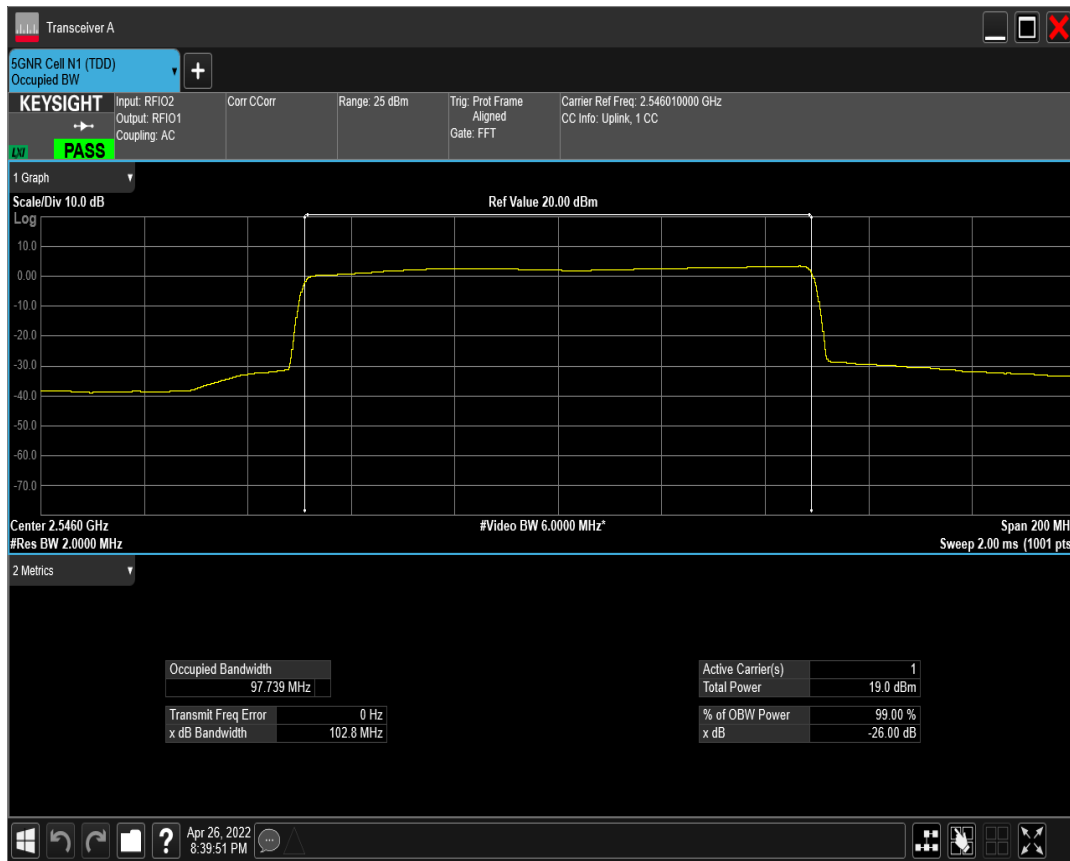
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=528996 RB=245@0 ant2



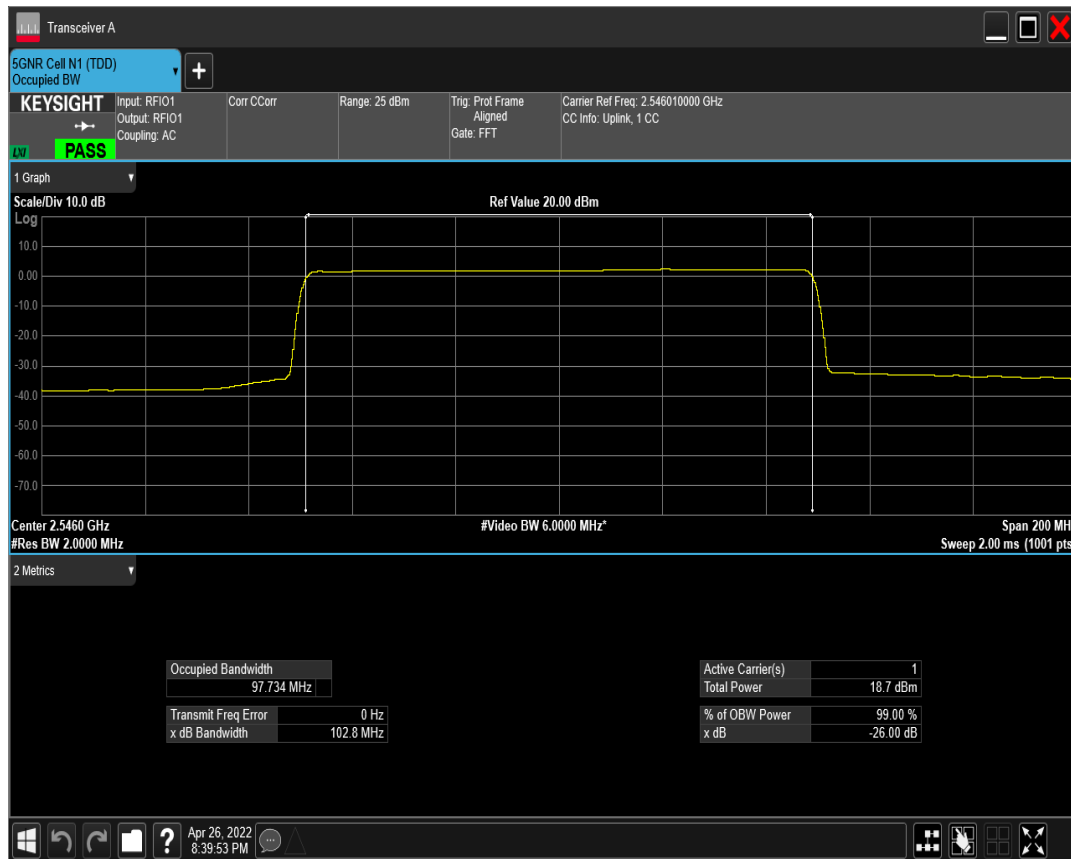
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



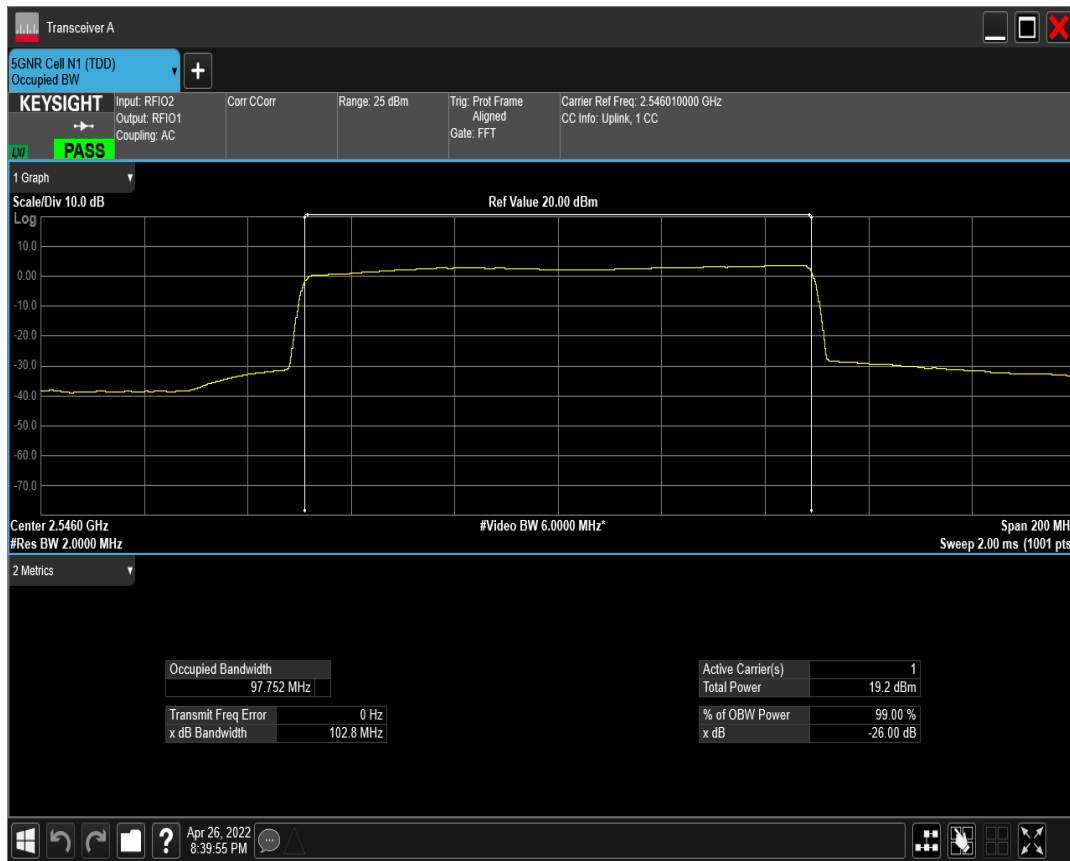
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



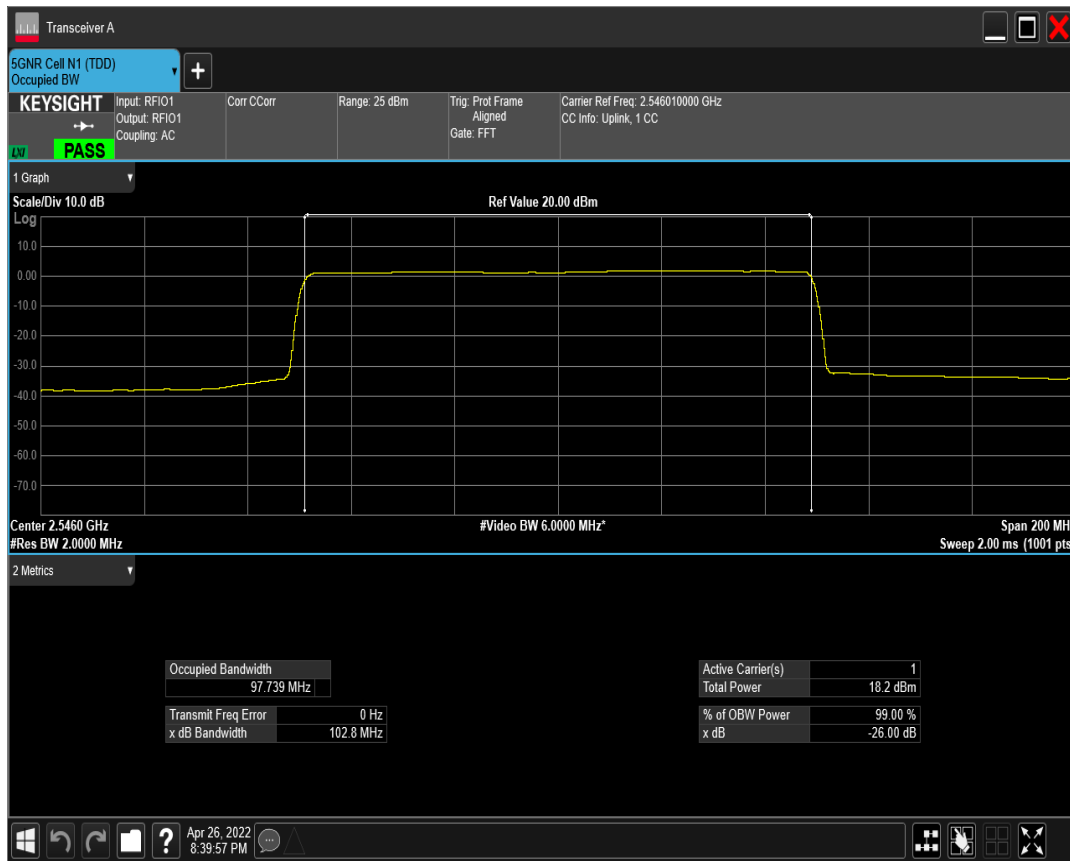
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=509202 RB=273@0 ant1



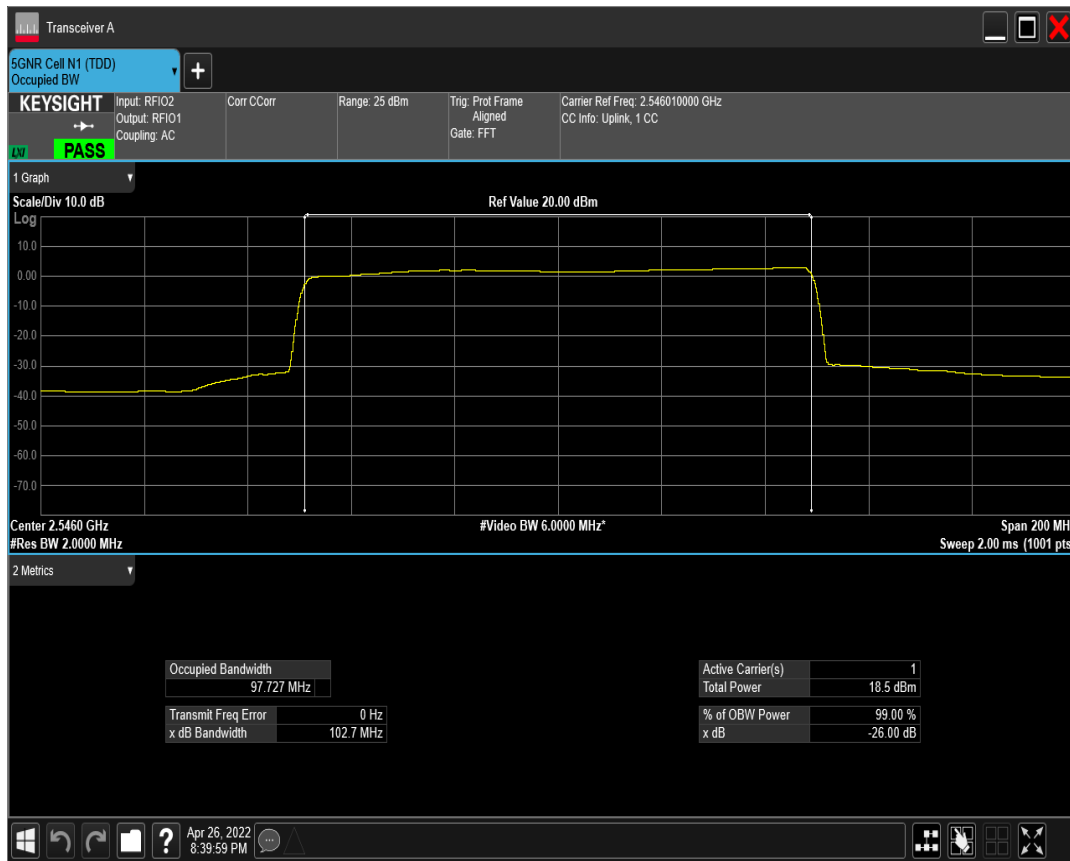
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=509202 RB=273@0 ant2



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



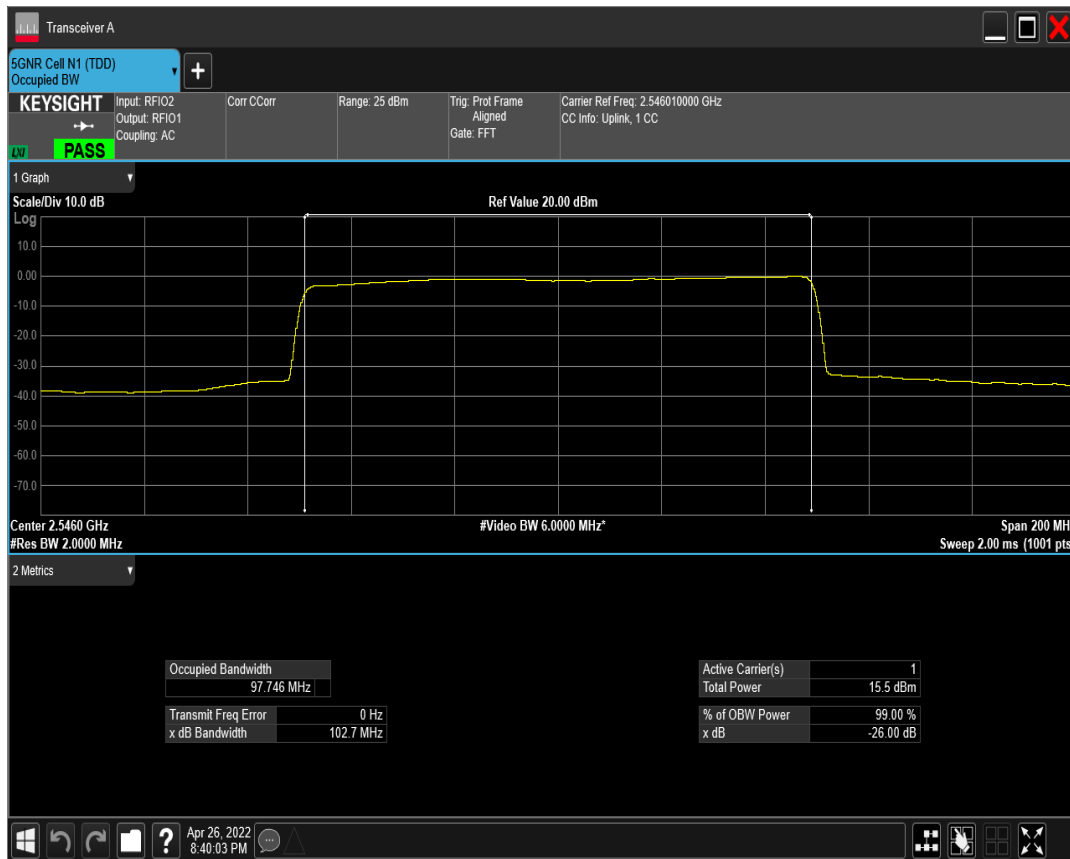
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=509202 RB=273@0 ant2



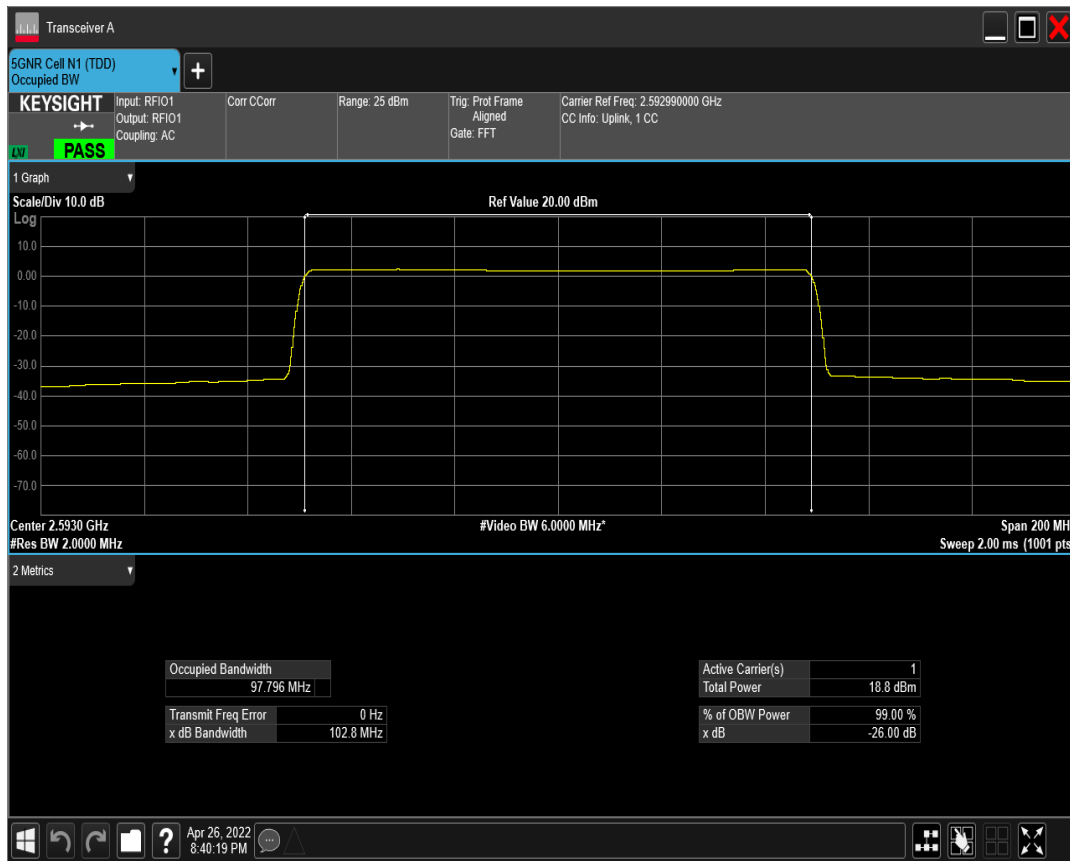
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant1



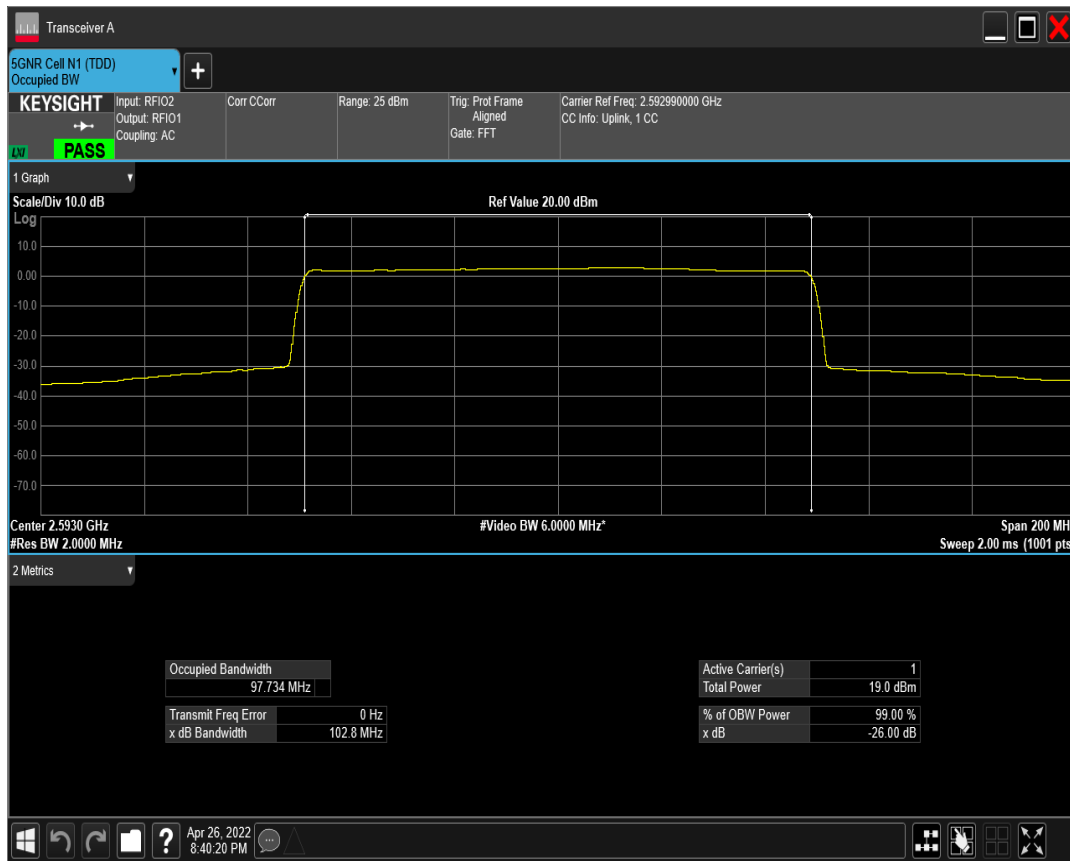
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant2



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



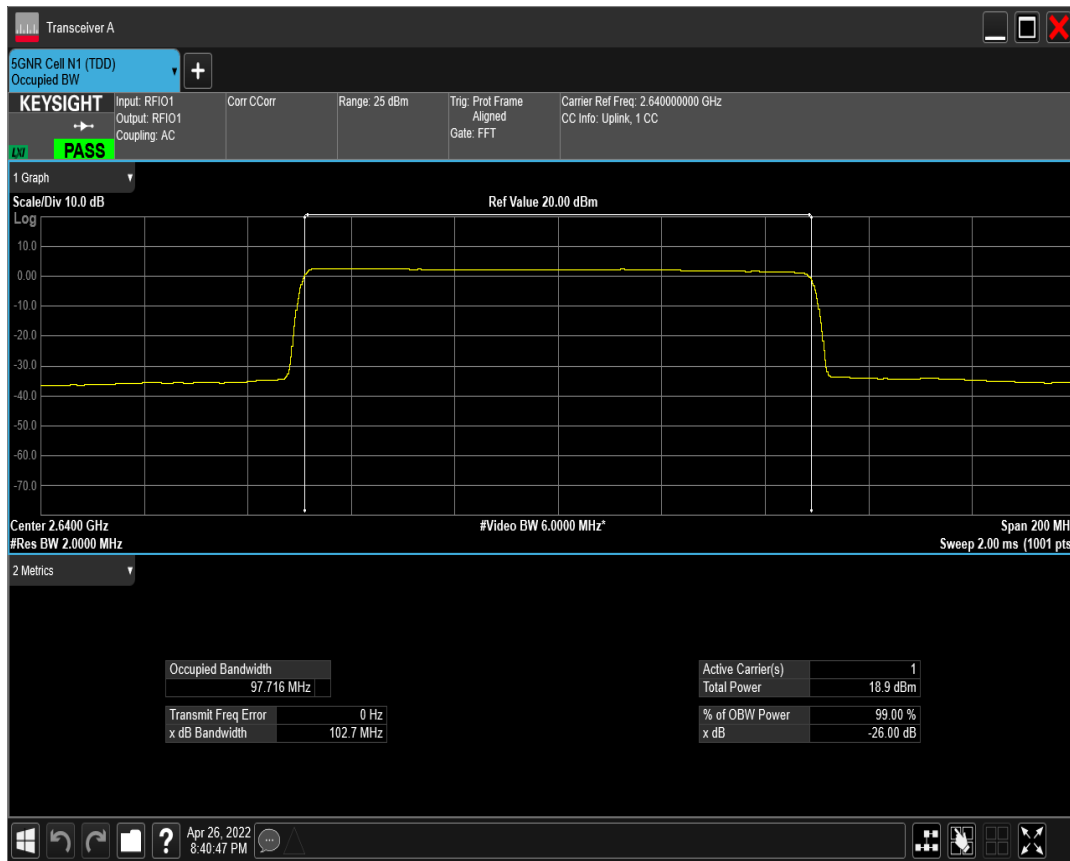
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant1



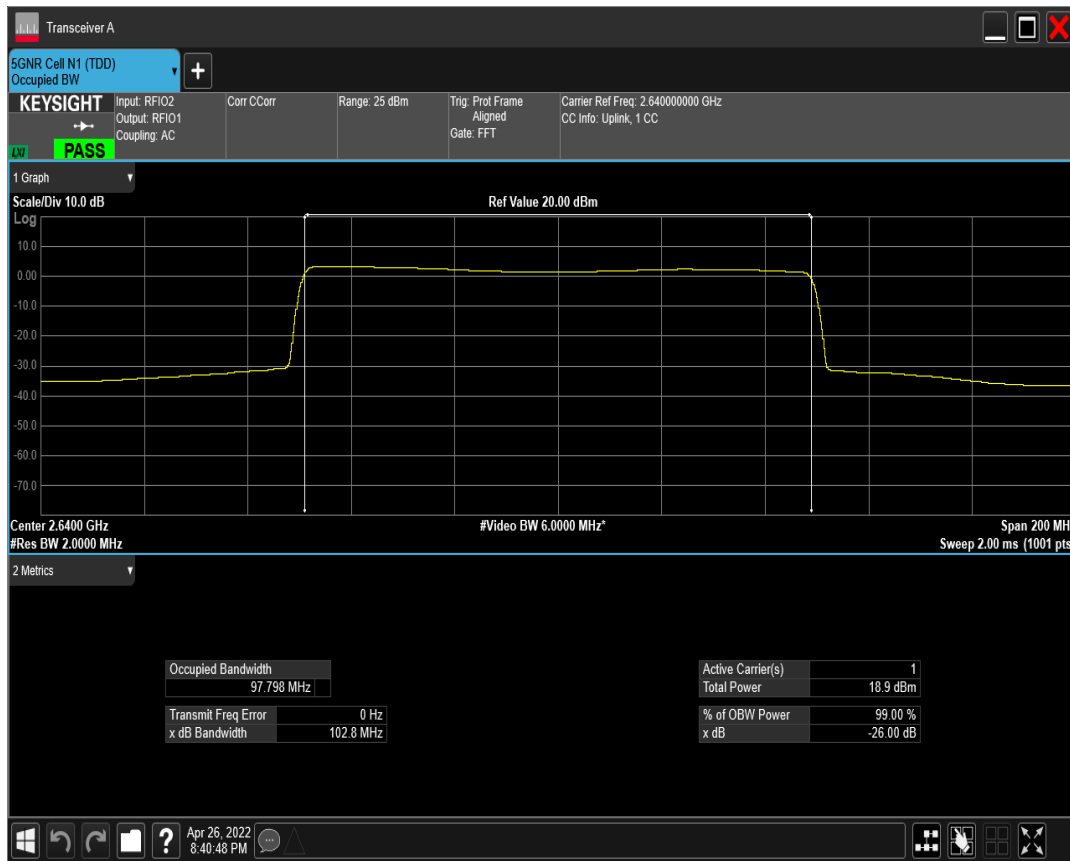
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant2



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



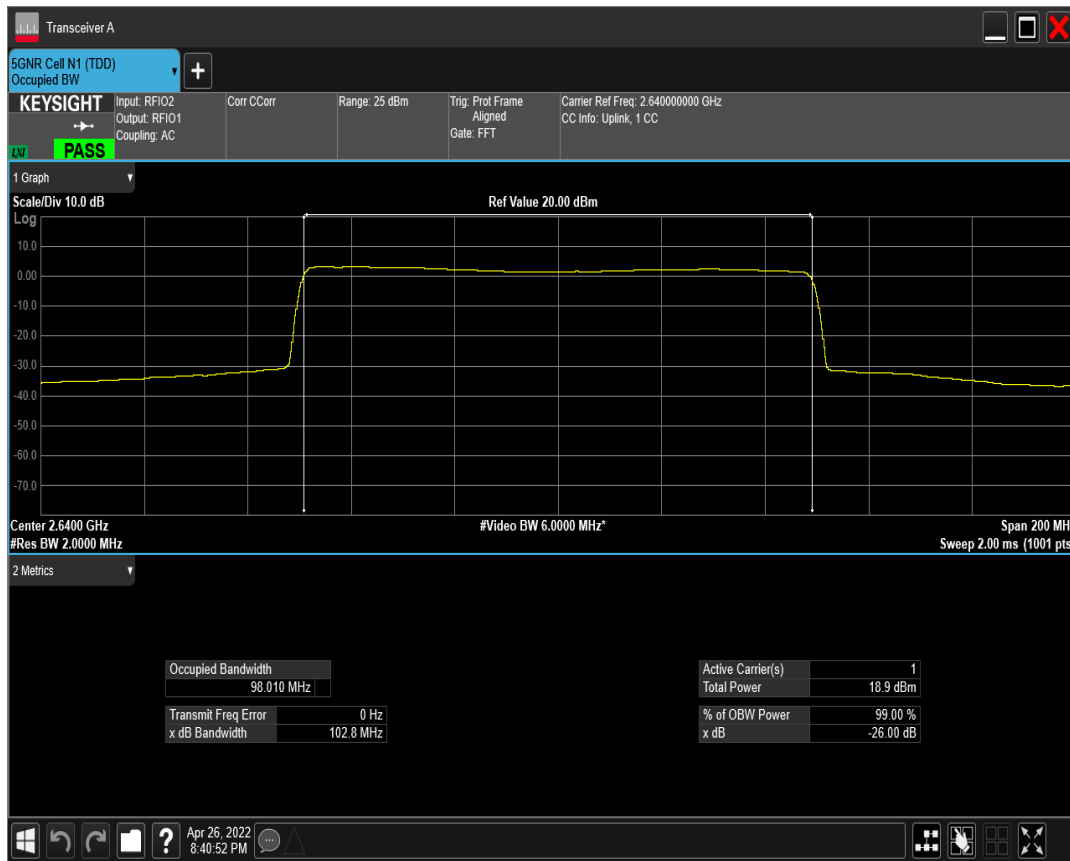
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



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



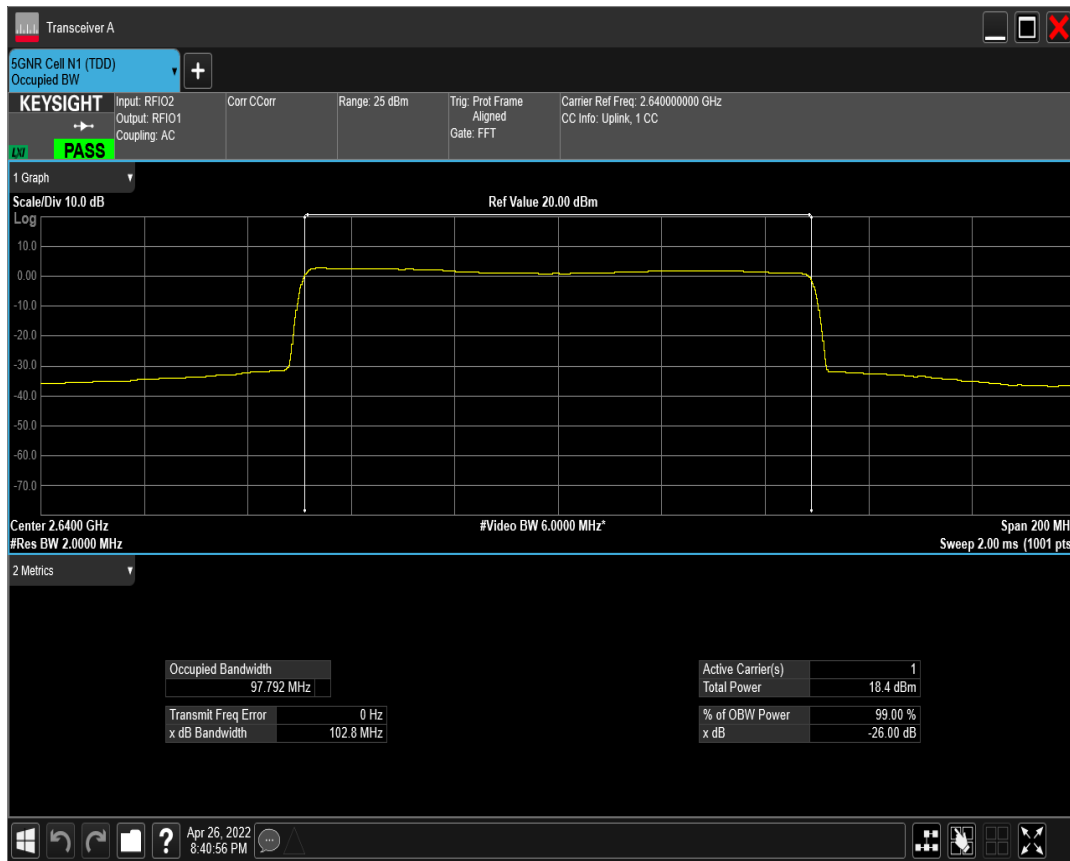
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=528000 RB=273@0 ant2



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



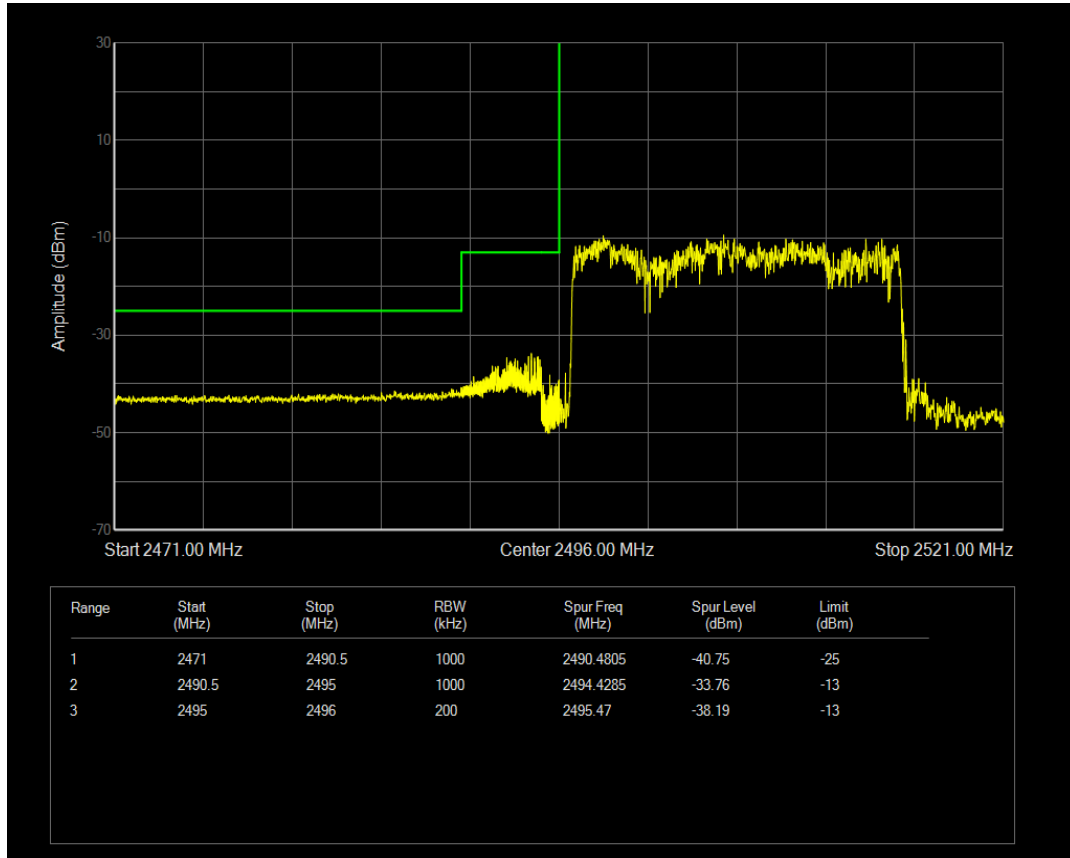
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=528000 RB=273@0 ant2



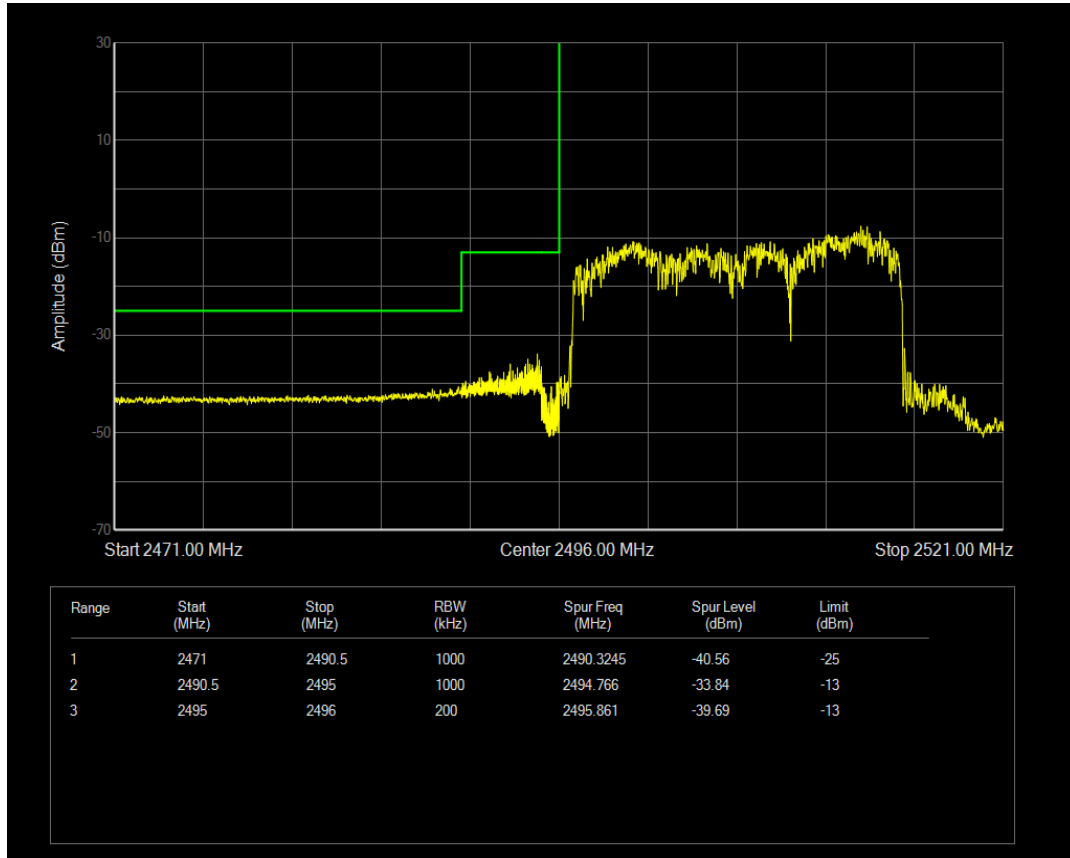
5 Band edge for NR FR1 UL-MIMO

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	2490.48	-40.75	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	2490.32	-40.56	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	2489.82	-42.30	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	2484.65	-42.36	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	2713.09	-41.91	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	2711.65	-41.81	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	2710.64	-41.71	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	2714.10	-42.28	-25	PASS
n41	ant1	30	100	509202	273@0	CP_QPSK	2451.18	-42.27	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	2490.02	-40.70	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	2473.65	-42.24	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	2469.59	-42.29	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	2805.63	-41.85	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	2802.23	-42.15	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	2798.38	-41.94	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	2801.63	-42.38	-25	PASS

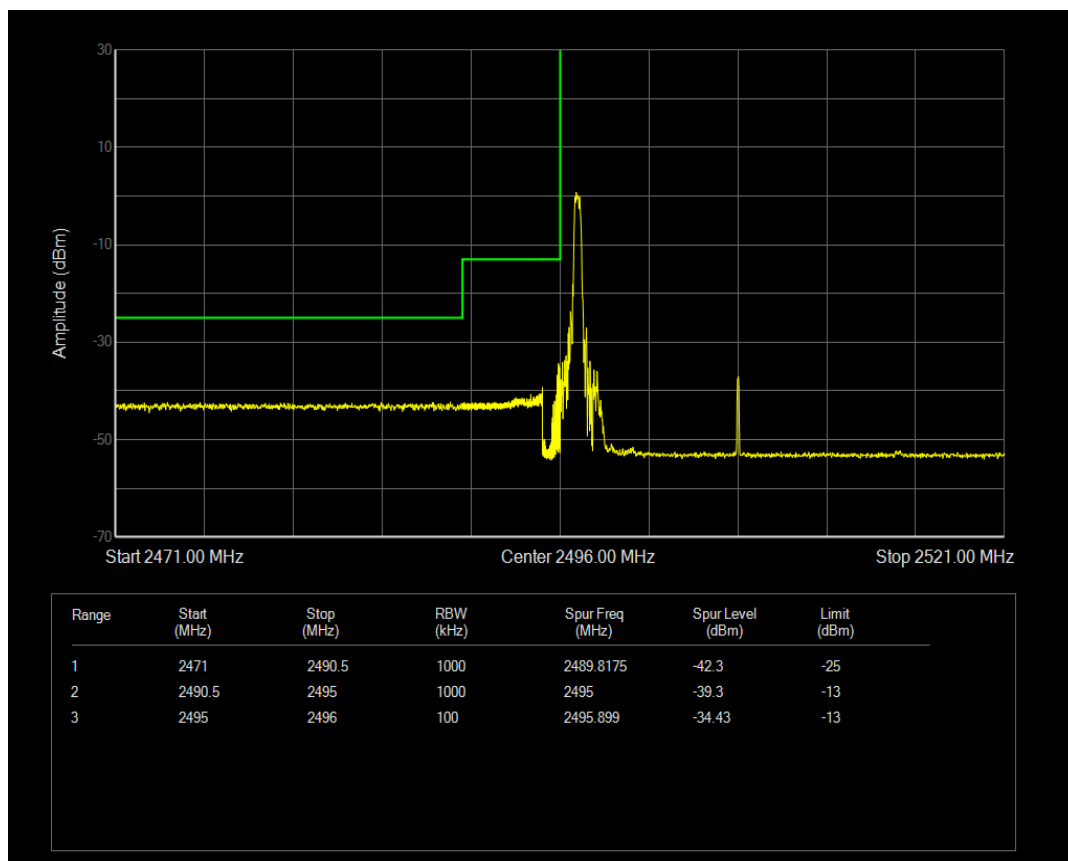
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



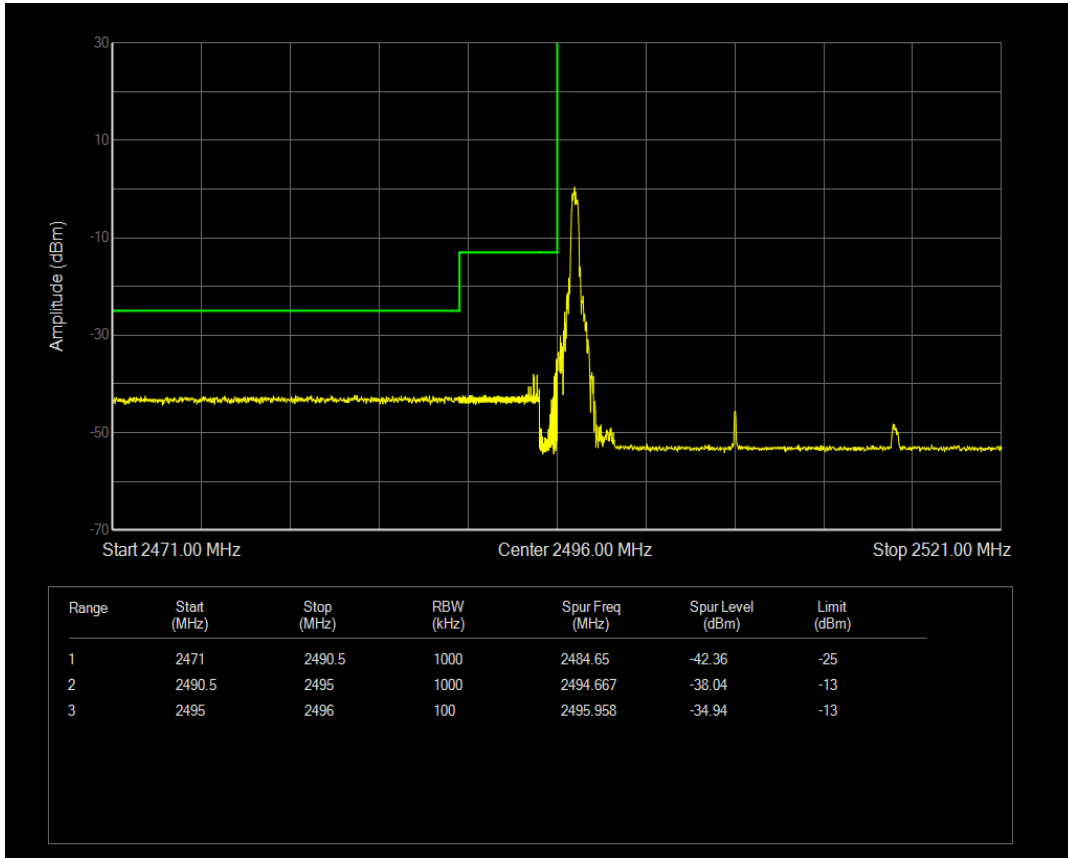
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant2



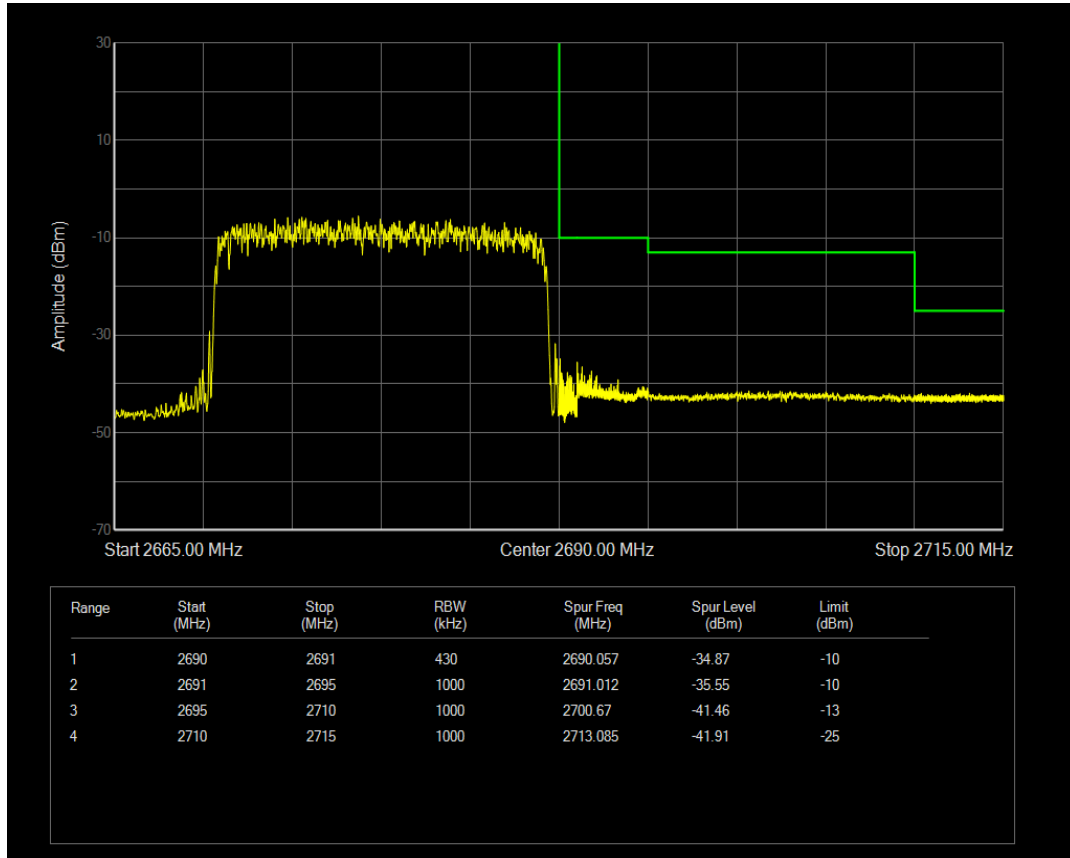
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant1



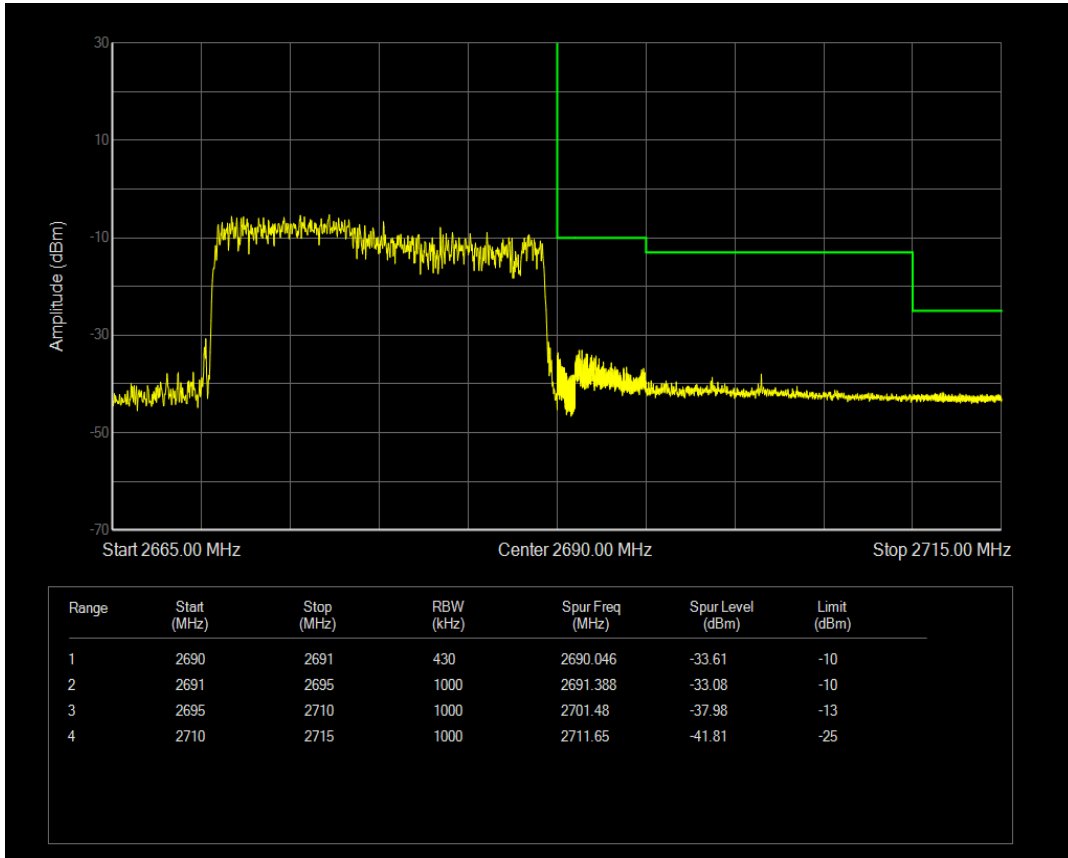
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant2



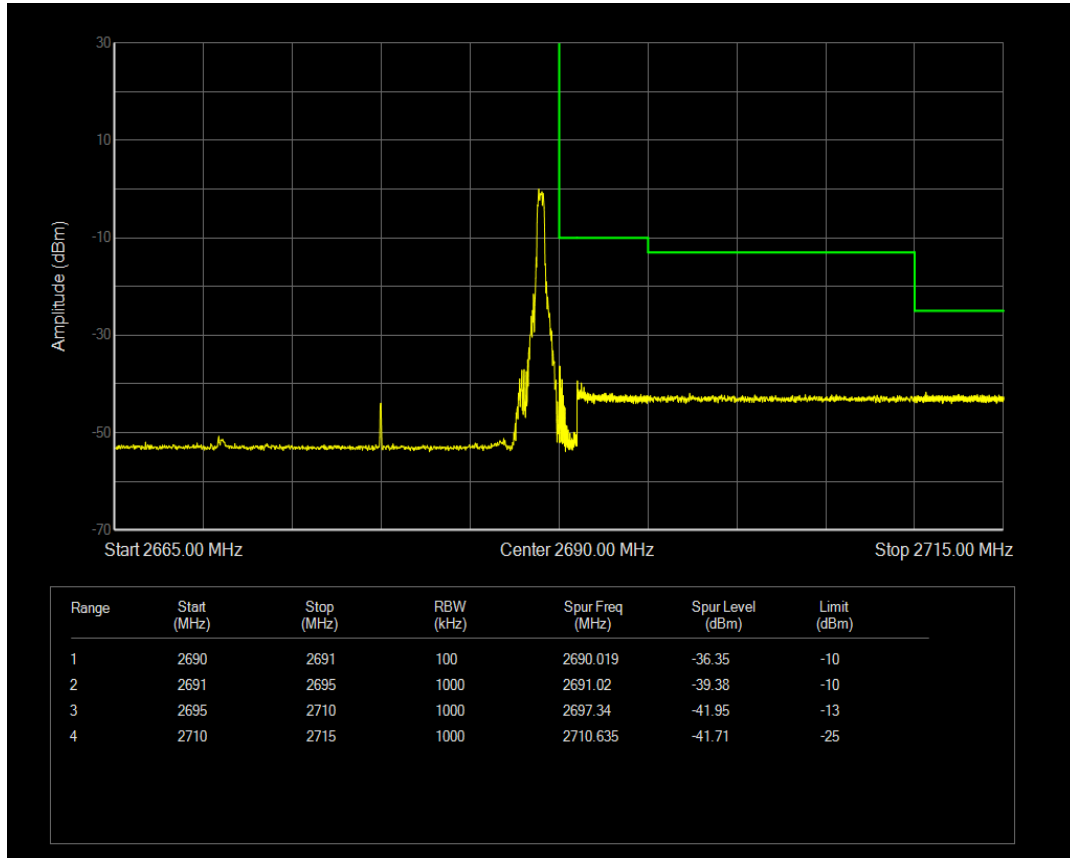
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant1



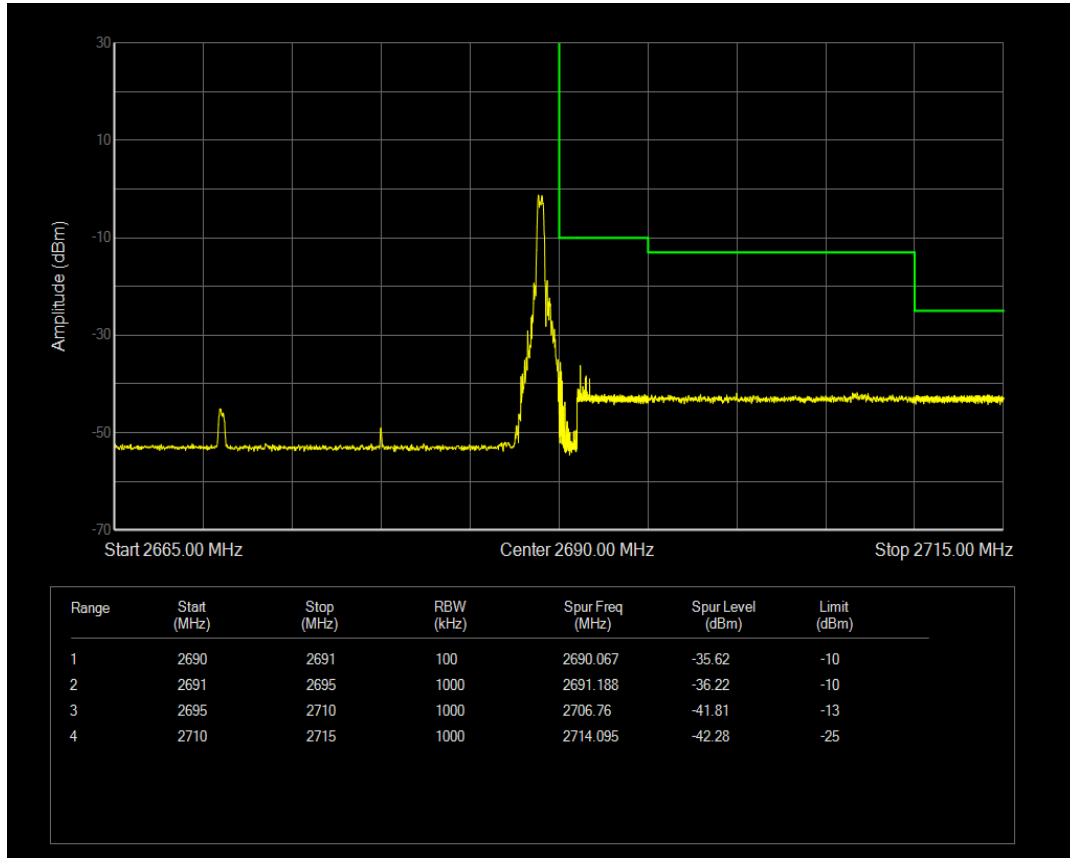
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant2



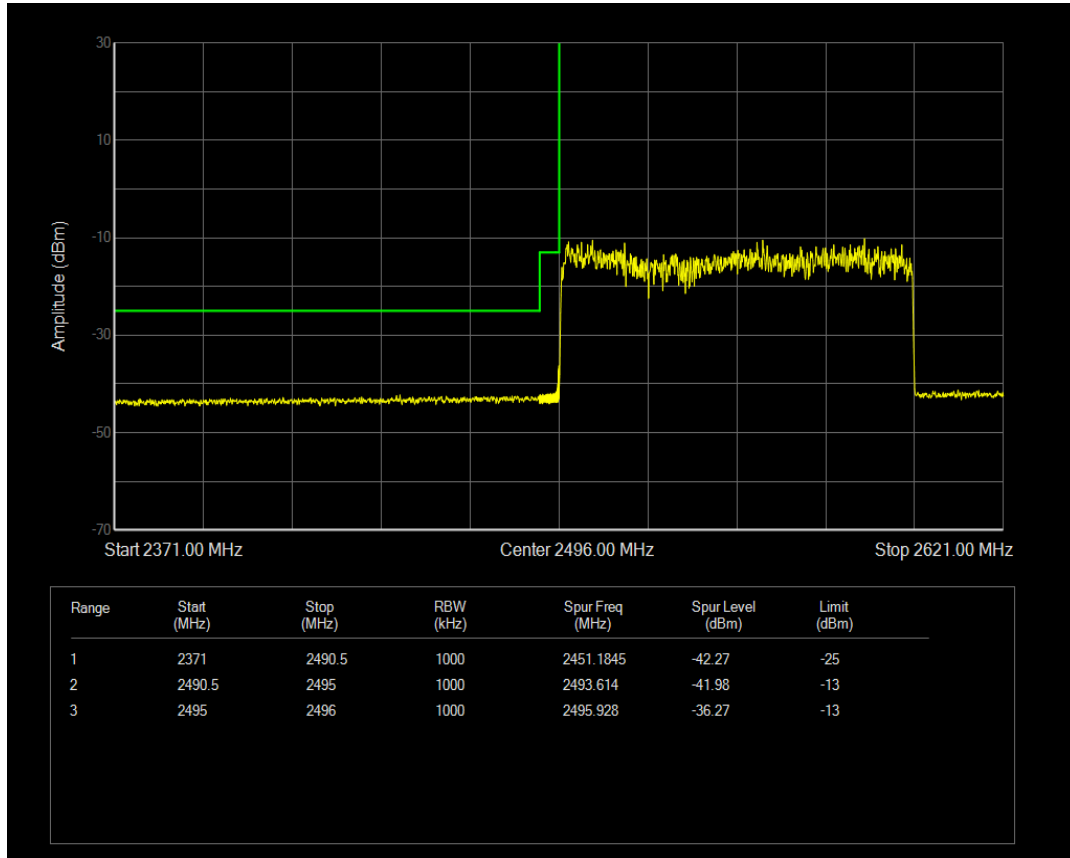
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant1



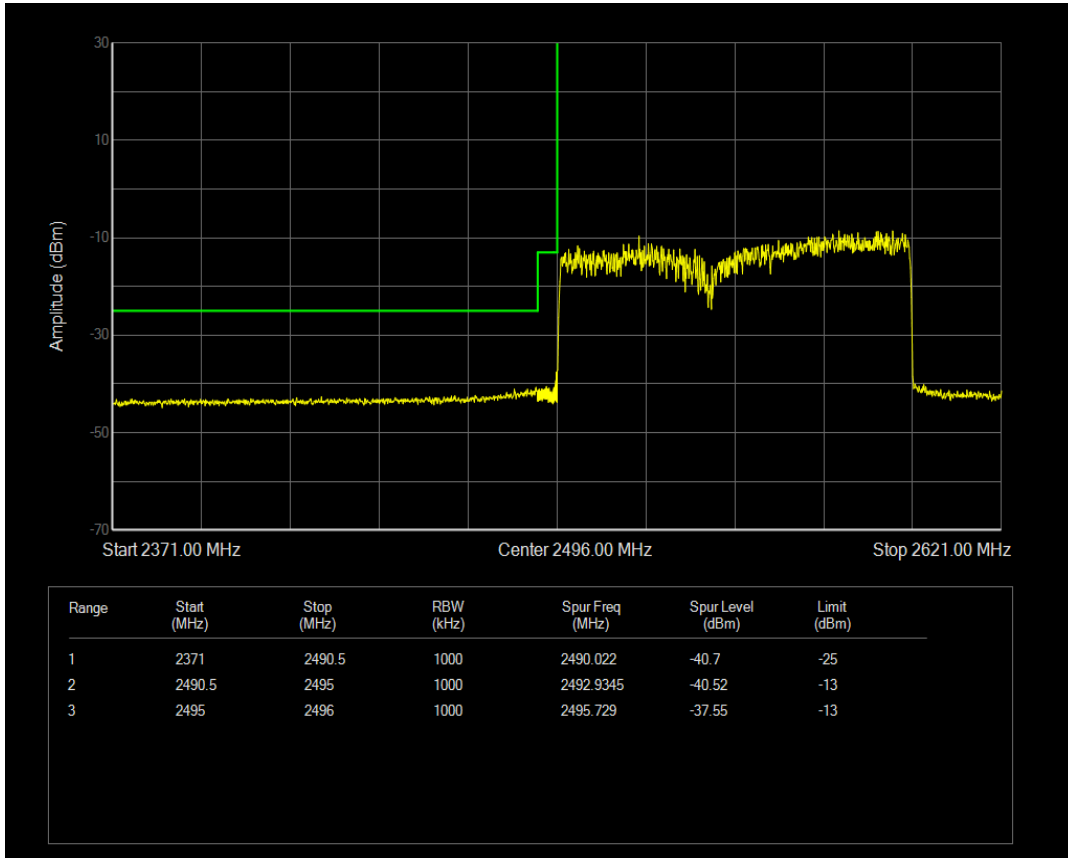
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant2



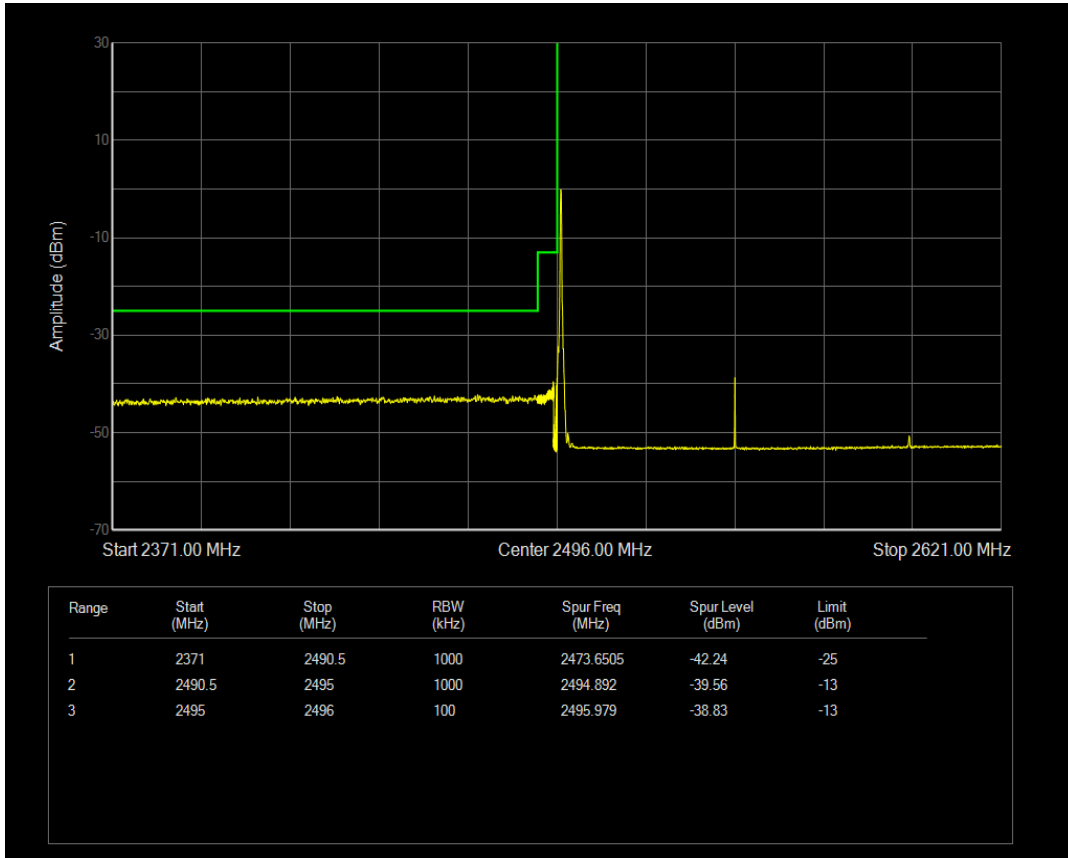
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



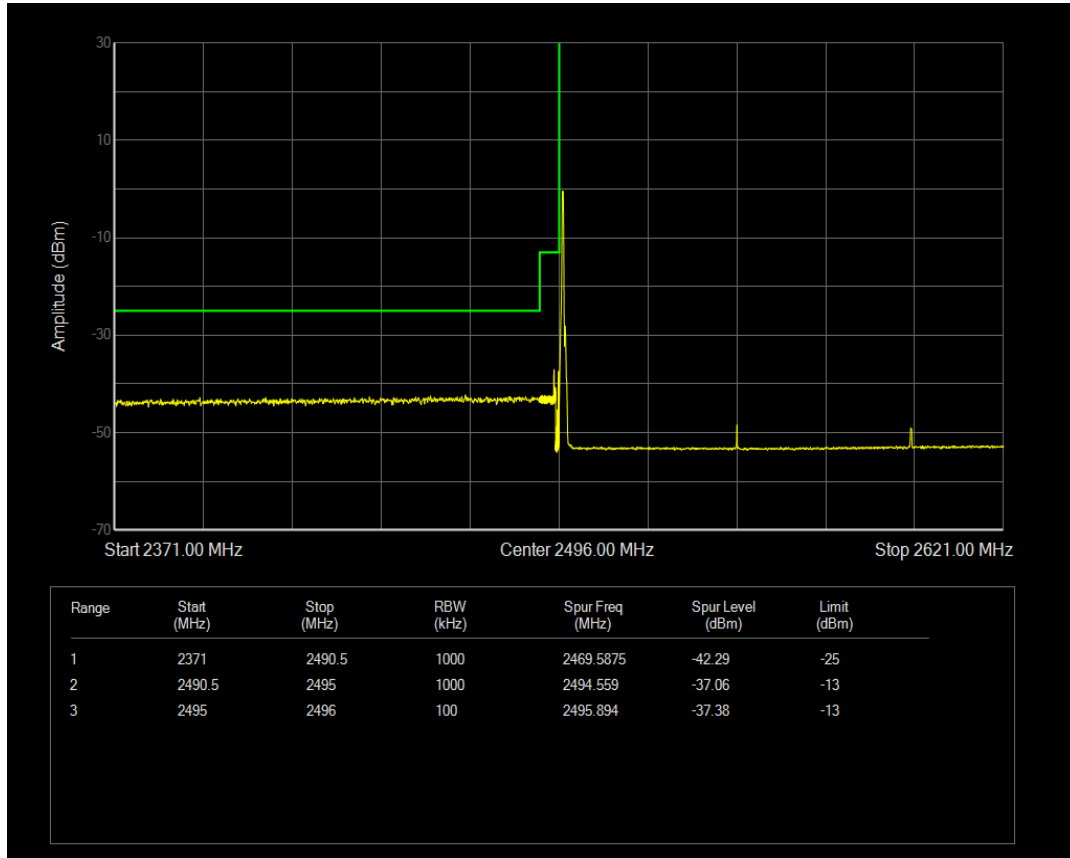
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



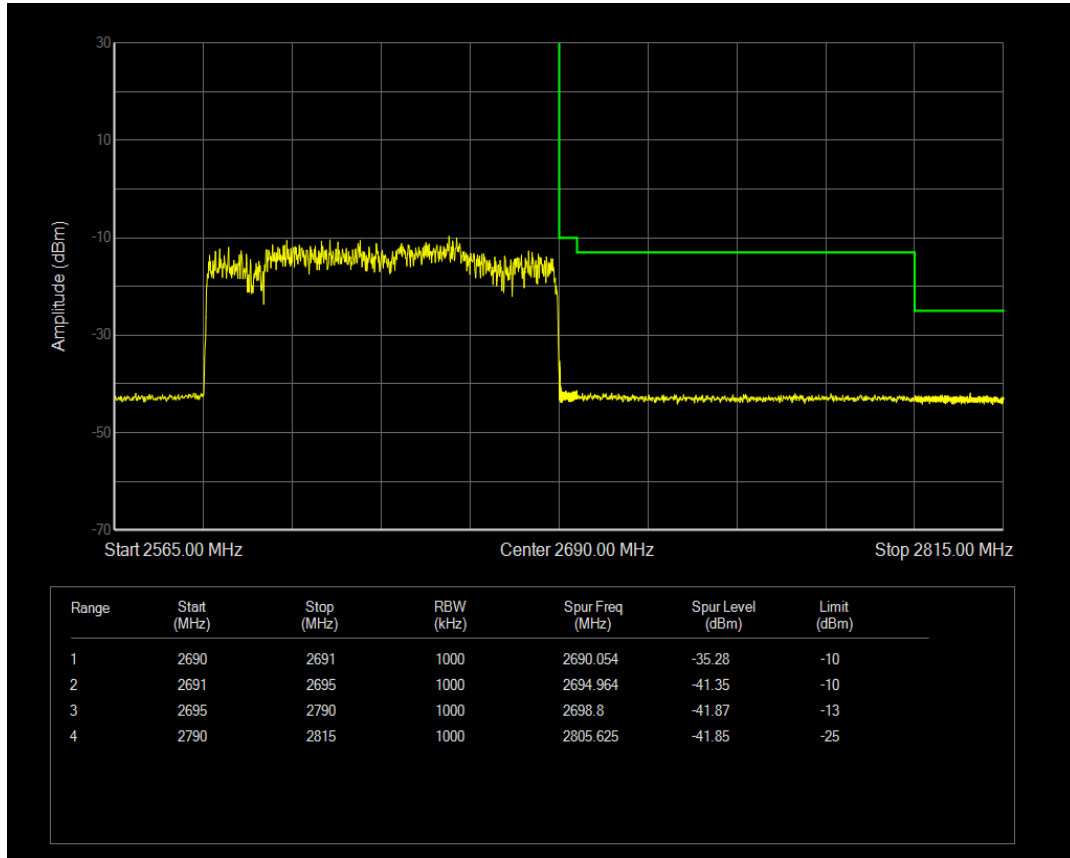
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant1



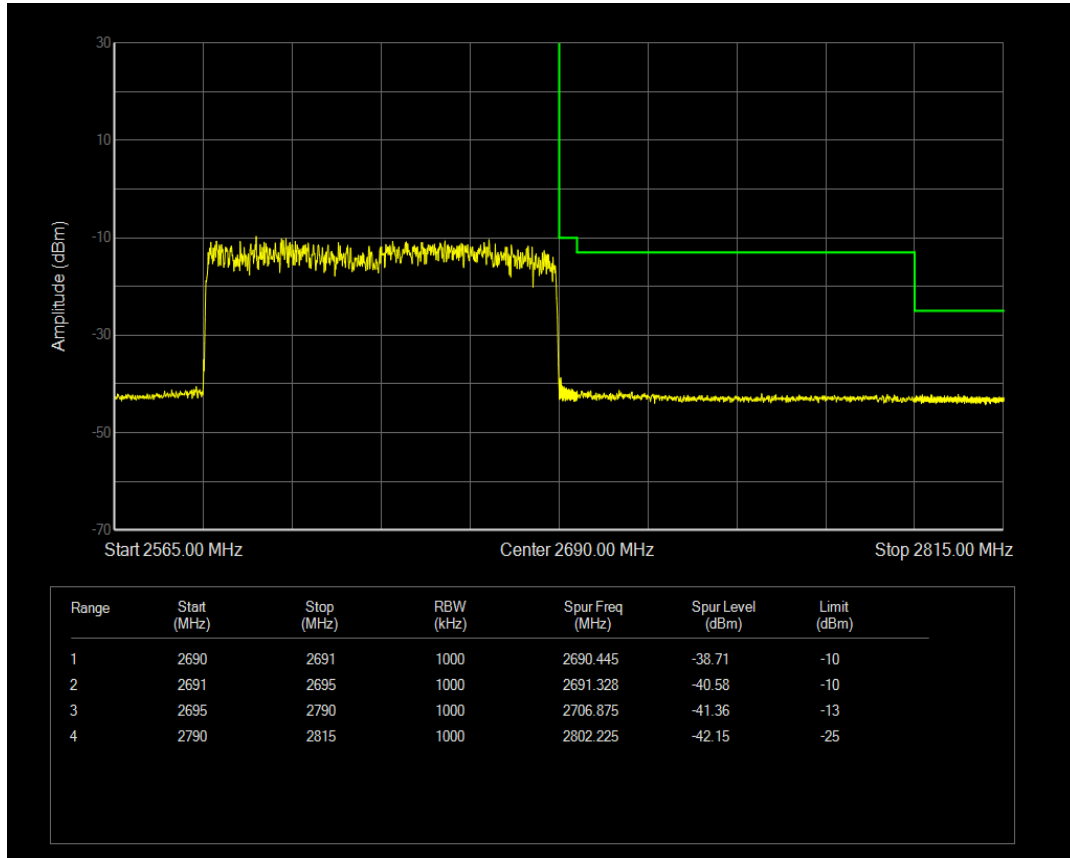
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant2



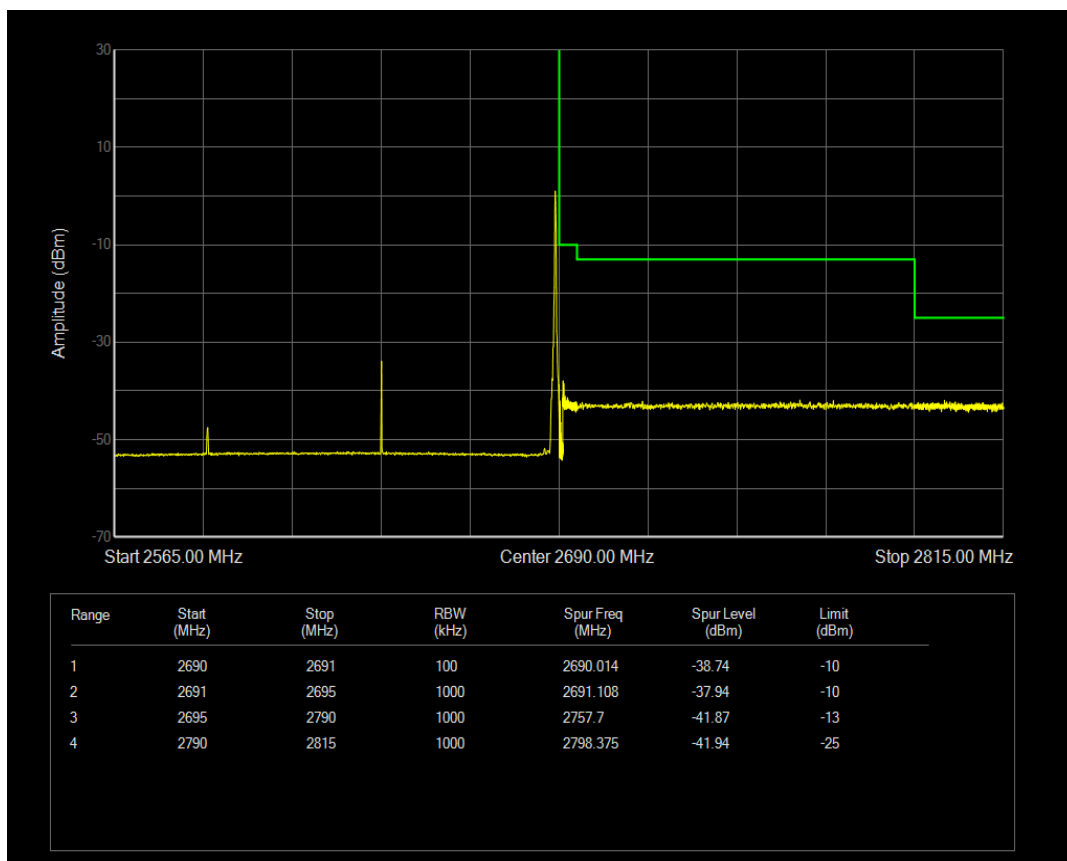
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



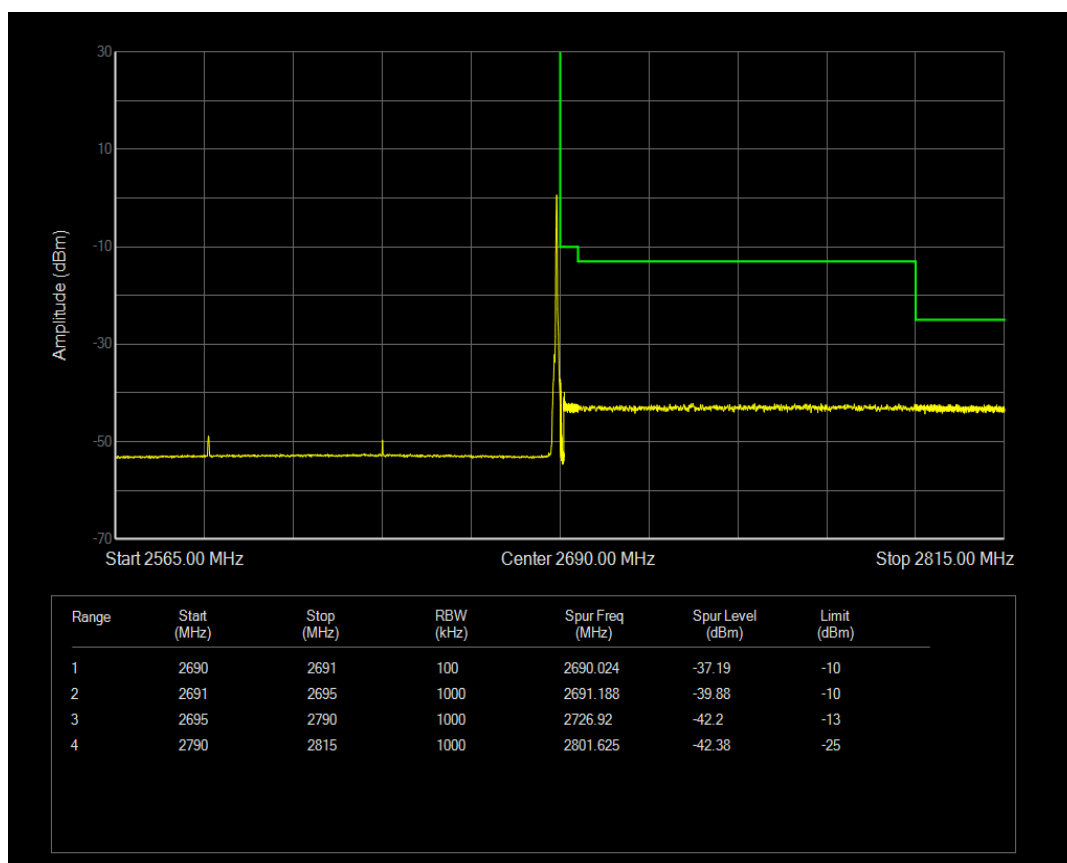
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



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

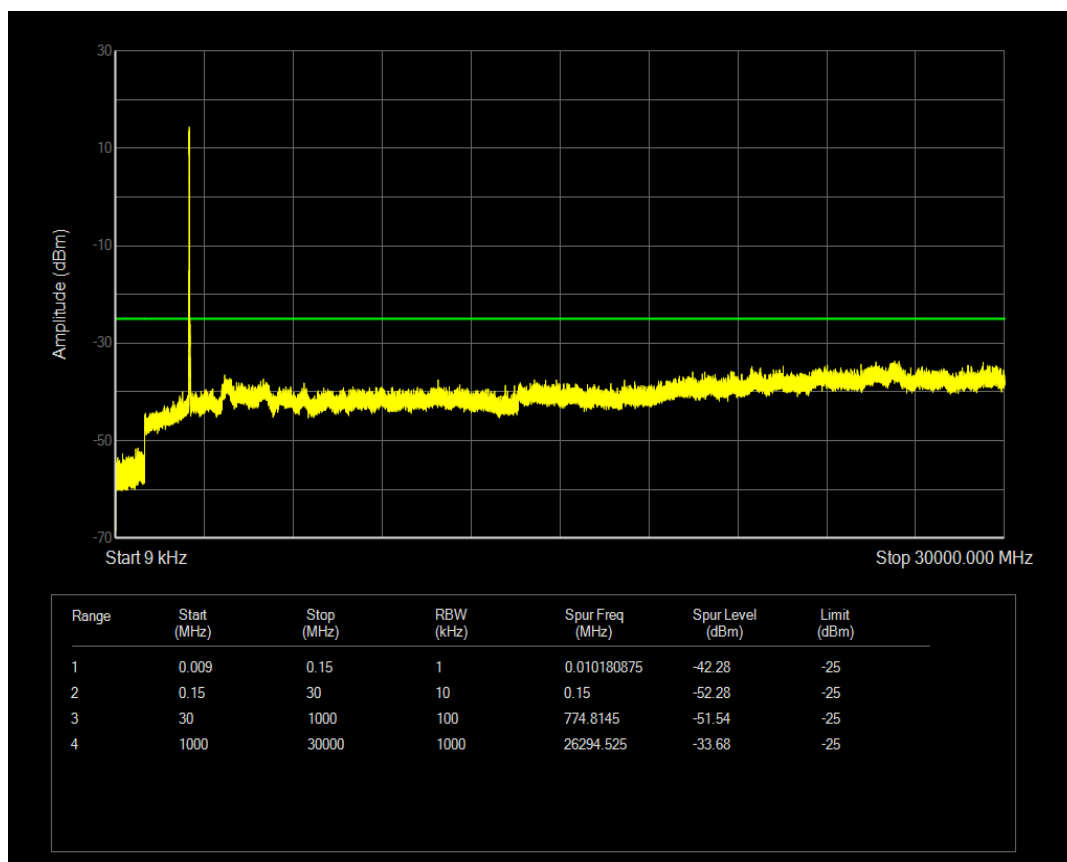


6 Out-of-band emissions for NR FR1 UL-MIMO

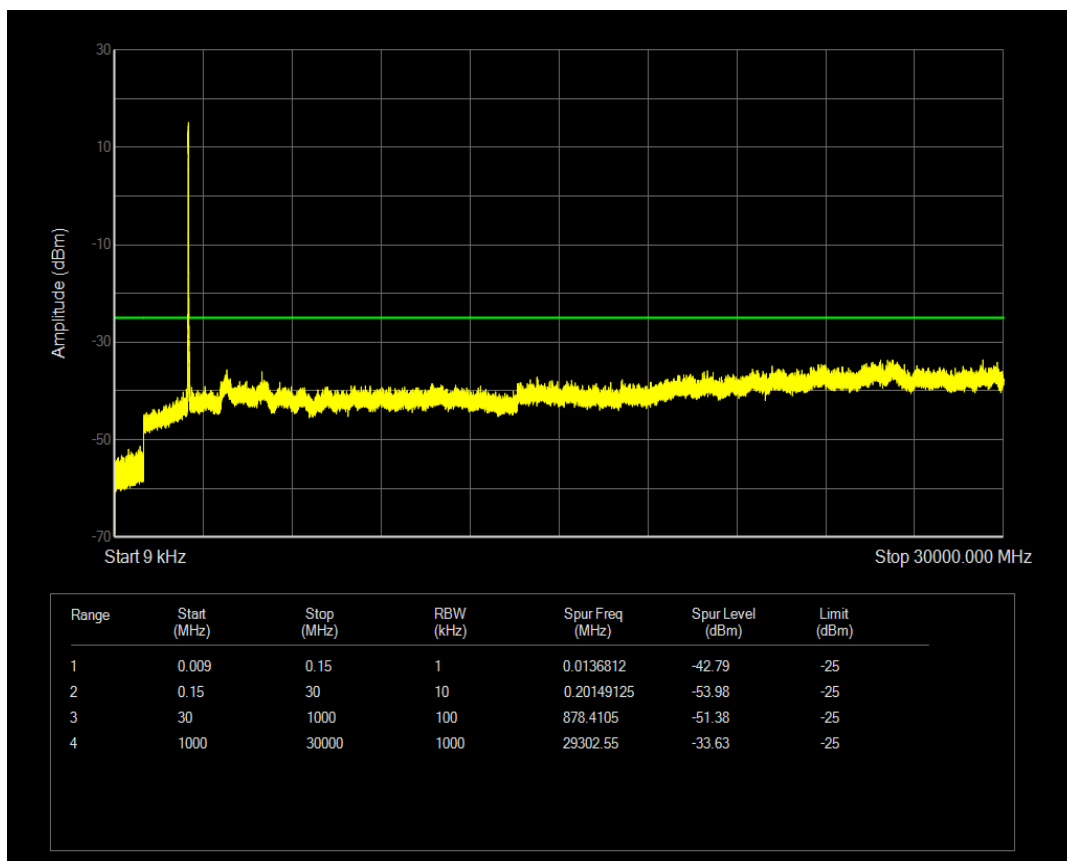
Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	ant1	30	20	501204	51@0	CP_QPSK	26294.53	-33.68	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	29302.55	-33.63	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	26414.88	-33.06	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	26248.85	-31.60	-25	PASS
n41	ant1	30	20	501204	1@50	CP_QPSK	26316.28	-33.08	-25	PASS
n41	ant2	30	20	501204	1@50	CP_QPSK	26401.83	-32.85	-25	PASS
n41	ant1	30	20	518598	51@0	CP_QPSK	26233.63	-33.35	-25	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	26232.90	-32.89	-25	PASS
n41	ant1	30	20	518598	1@0	CP_QPSK	26294.53	-33.46	-25	PASS
n41	ant2	30	20	518598	1@0	CP_QPSK	26303.23	-32.57	-25	PASS
n41	ant1	30	20	518598	1@50	CP_QPSK	25800.08	-33.10	-25	PASS
n41	ant2	30	20	518598	1@50	CP_QPSK	26270.60	-32.96	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	26287.28	-31.50	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	26321.35	-33.32	-25	PASS
n41	ant1	30	20	535998	1@0	CP_QPSK	23957.85	-33.30	-25	PASS
n41	ant2	30	20	535998	1@0	CP_QPSK	29670.85	-32.75	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	26249.58	-33.35	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	28966.15	-33.30	-25	PASS

n41	ant1	30	100	509202	273@0	CP_QPSK	26114.00	-33.06	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	26256.83	-32.73	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	26451.85	-33.45	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	26319.90	-33.03	-25	PASS
n41	ant1	30	100	509202	1@272	CP_QPSK	25515.15	-32.94	-25	PASS
n41	ant2	30	100	509202	1@272	CP_QPSK	26382.98	-32.74	-25	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	26227.10	-33.40	-25	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	26184.33	-32.93	-25	PASS
n41	ant1	30	100	518598	1@0	CP_QPSK	26298.15	-33.11	-25	PASS
n41	ant2	30	100	518598	1@0	CP_QPSK	26322.08	-33.45	-25	PASS
n41	ant1	30	100	518598	1@272	CP_QPSK	26295.98	-33.35	-25	PASS
n41	ant2	30	100	518598	1@272	CP_QPSK	26259.00	-32.68	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	26286.55	-32.96	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	26218.40	-33.34	-25	PASS
n41	ant1	30	100	528000	1@0	CP_QPSK	25555.75	-32.71	-25	PASS
n41	ant2	30	100	528000	1@0	CP_QPSK	26220.58	-32.15	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	25532.55	-33.19	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	26255.38	-32.83	-25	PASS

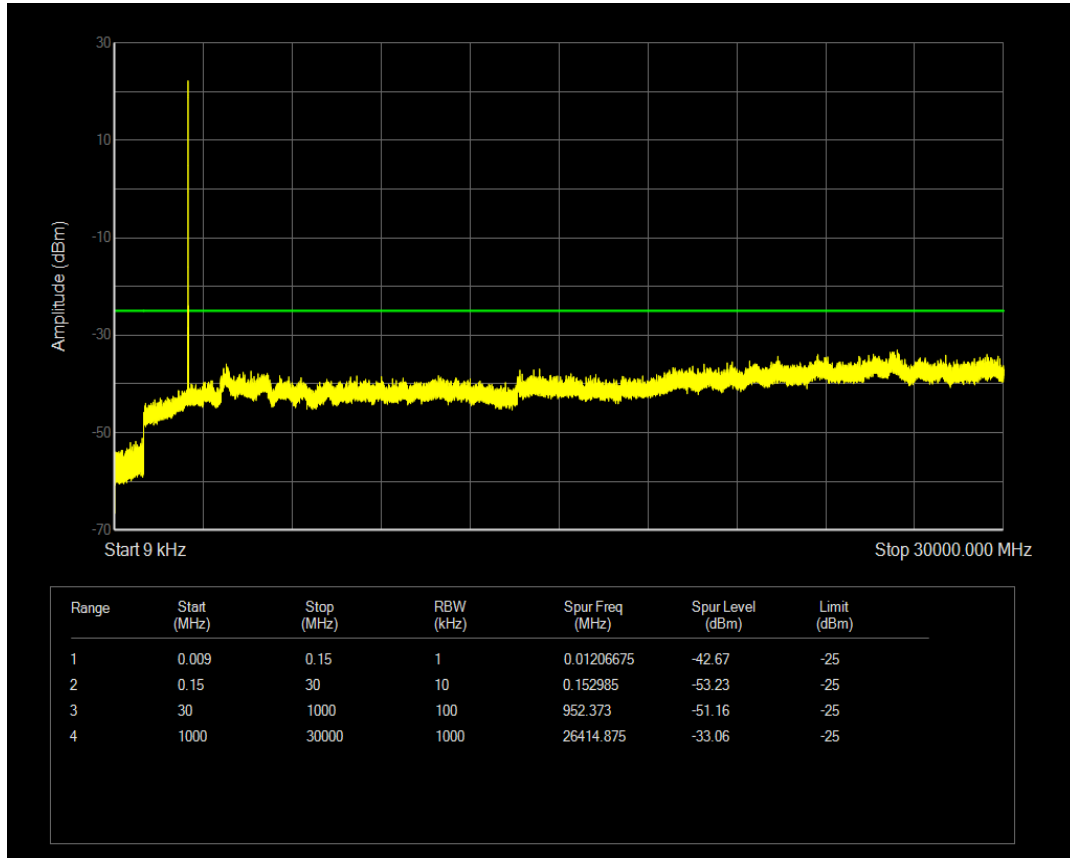
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



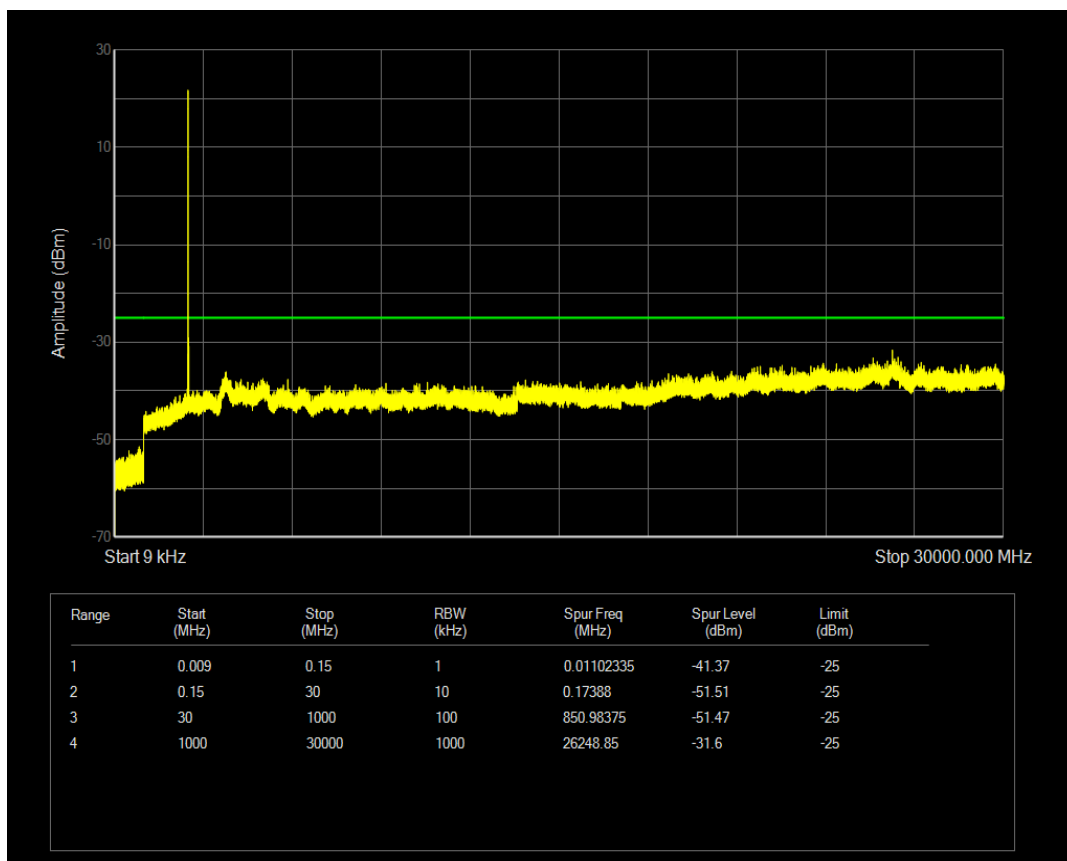
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant2



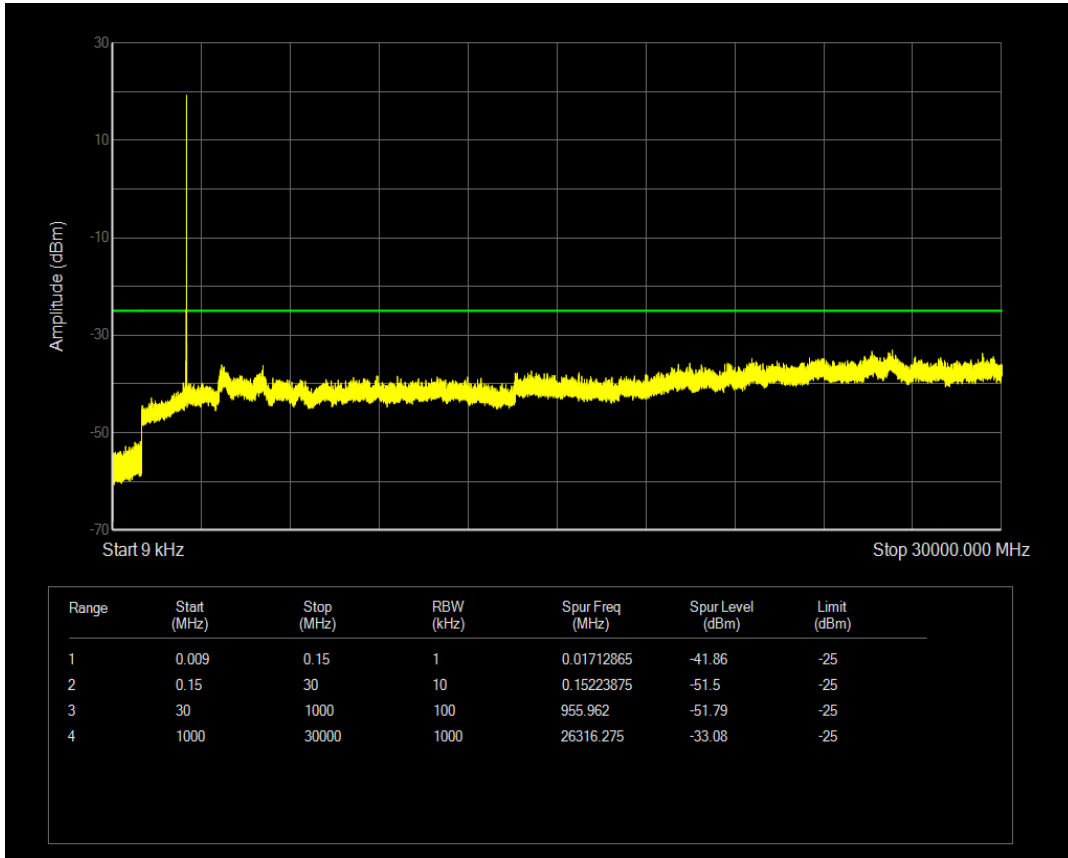
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant1



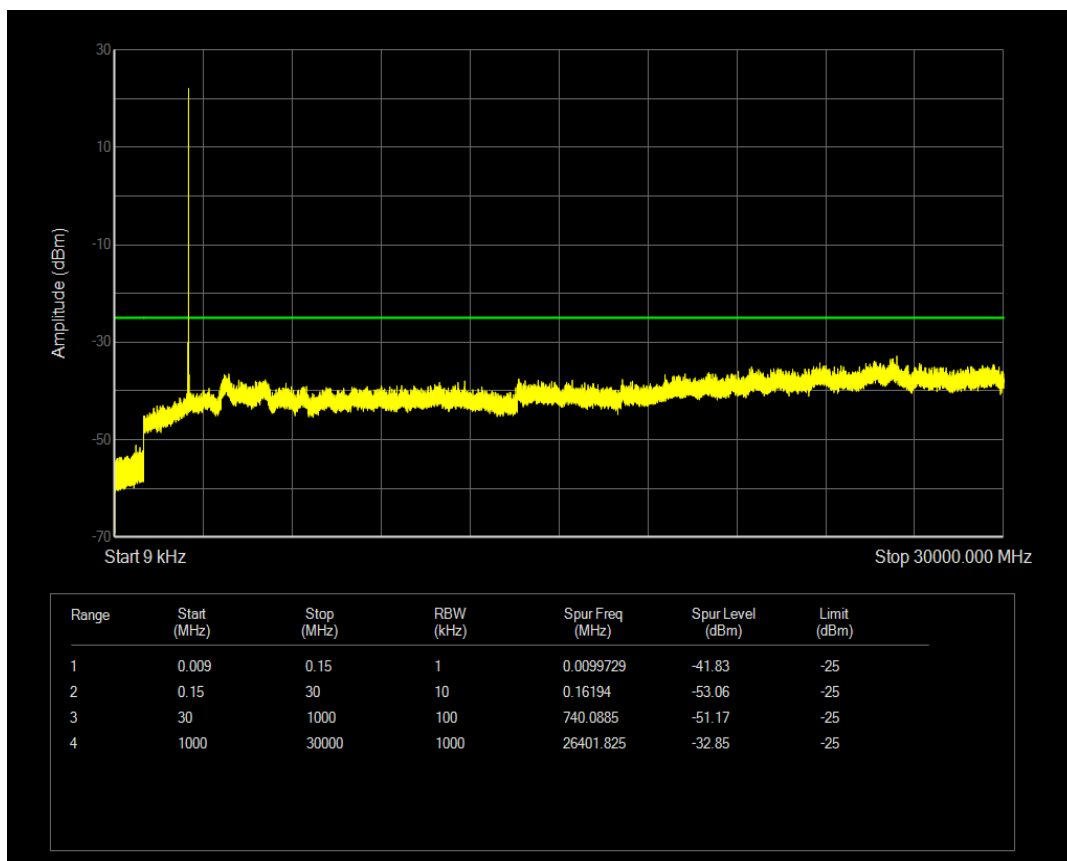
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant2



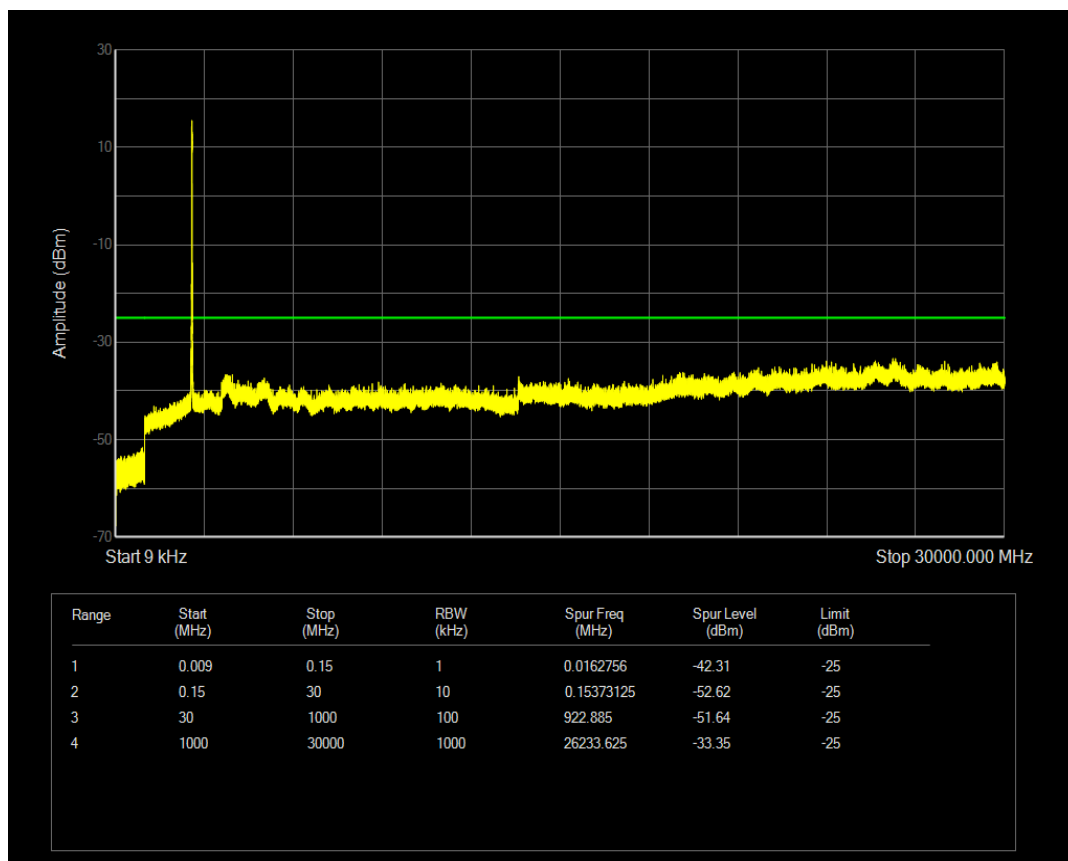
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50 ant1



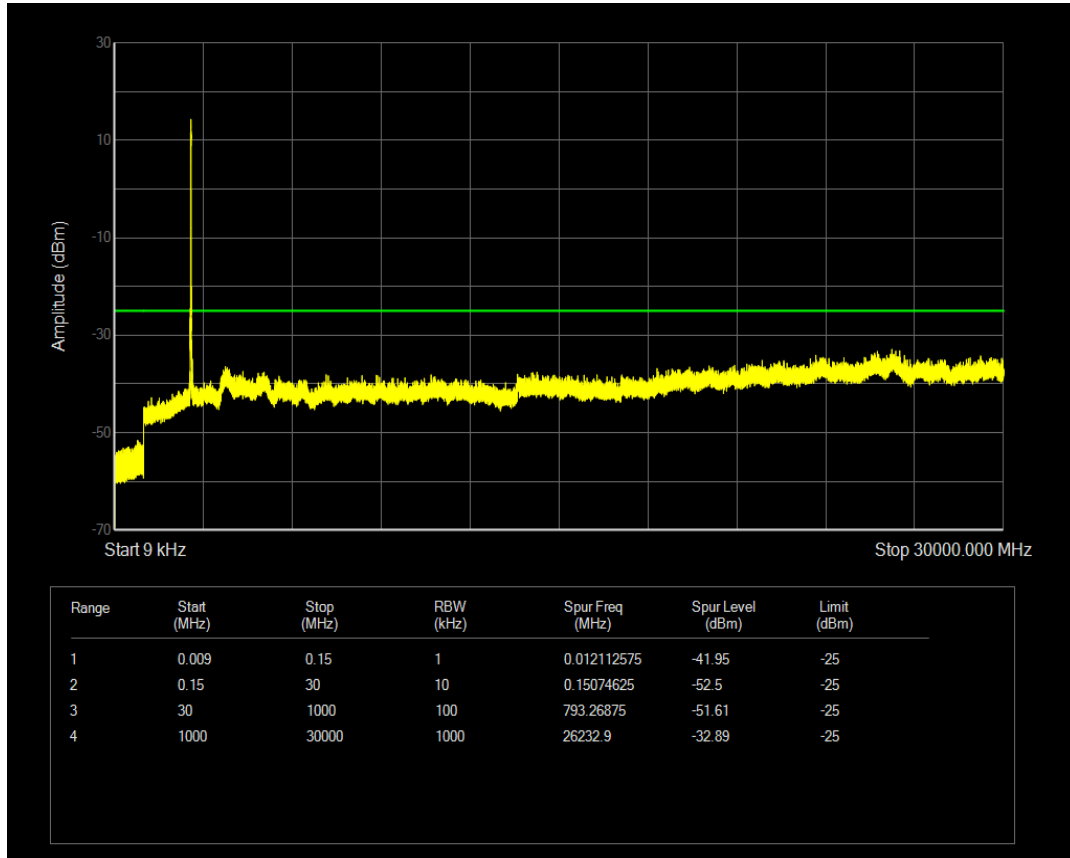
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50 ant2



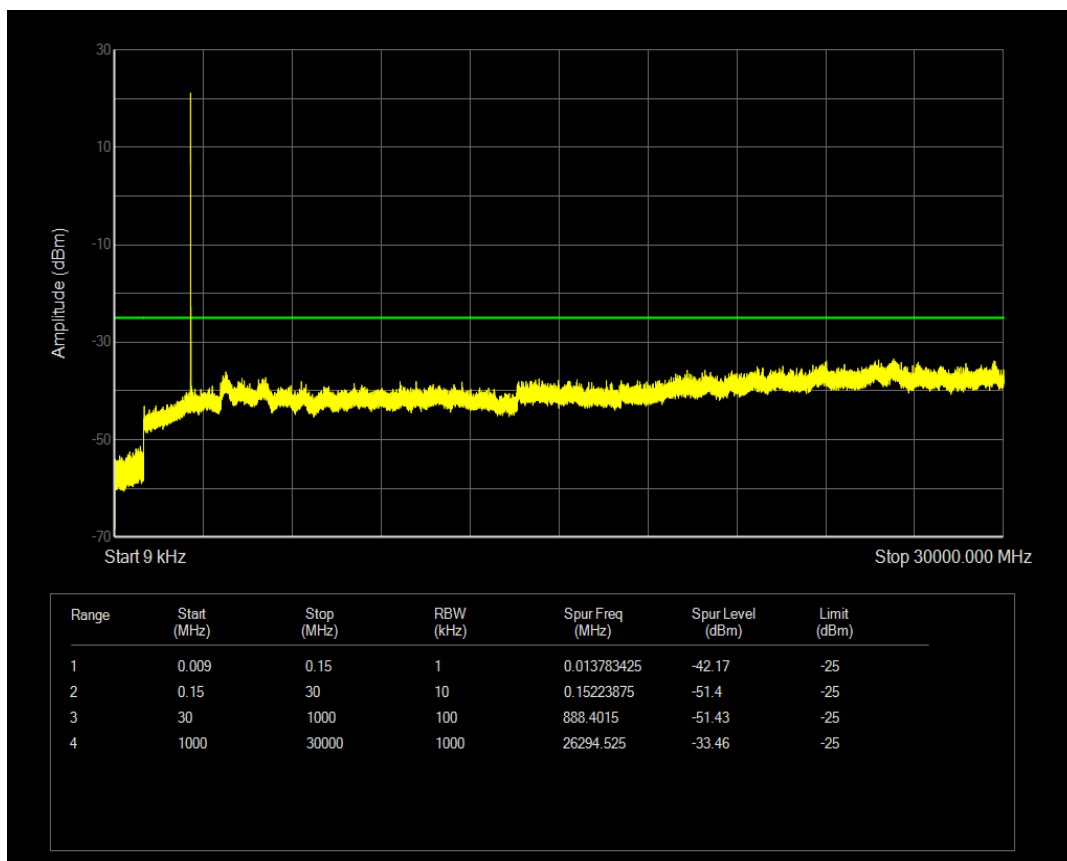
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant1



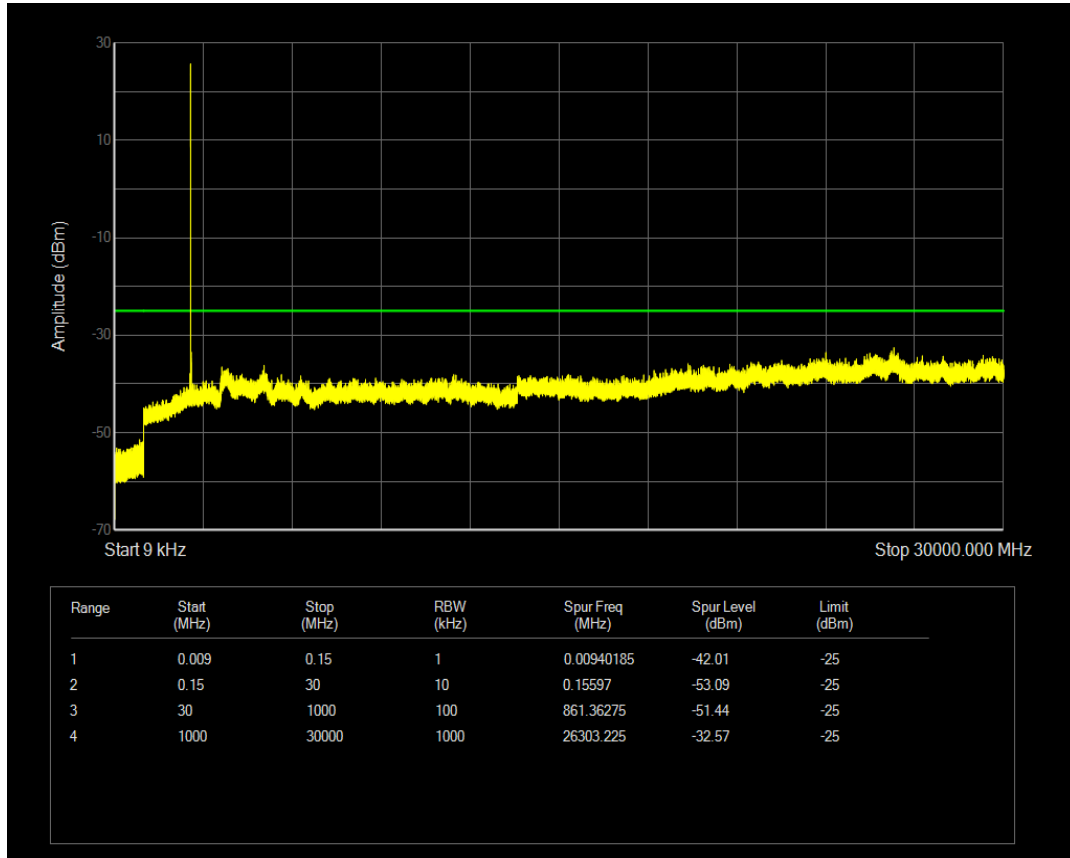
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0 ant2



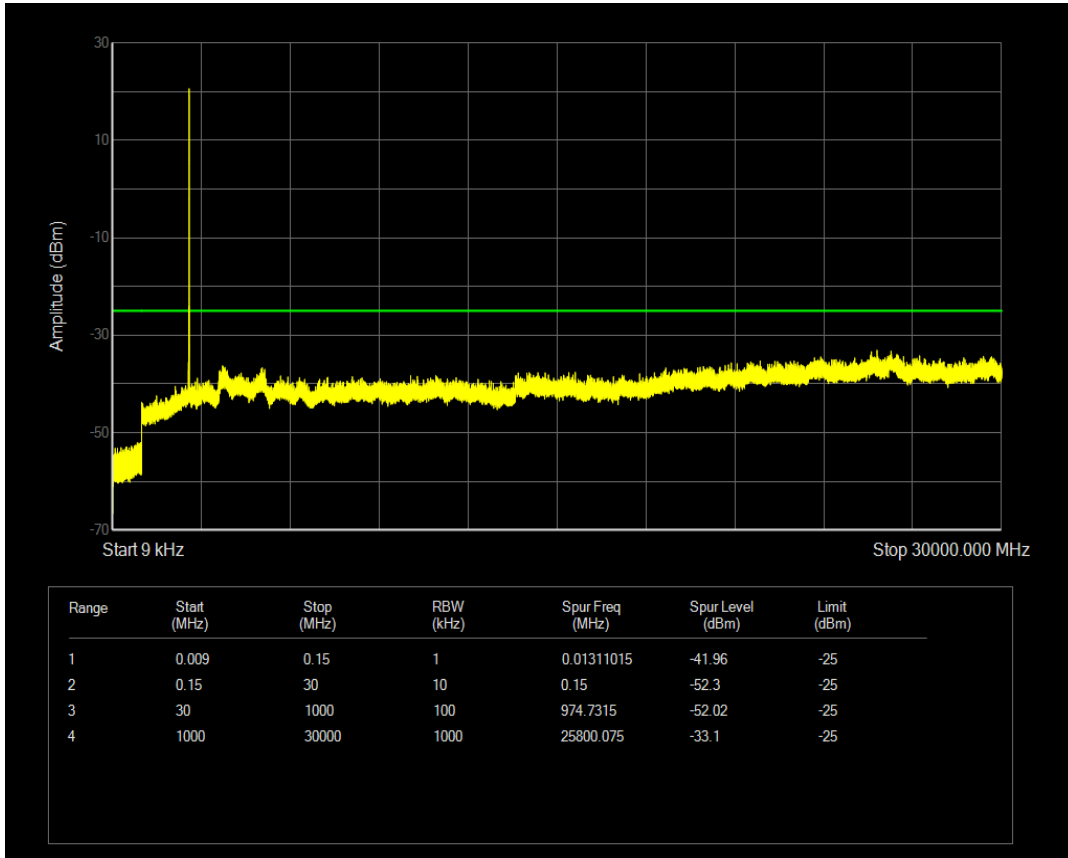
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@0 ant1



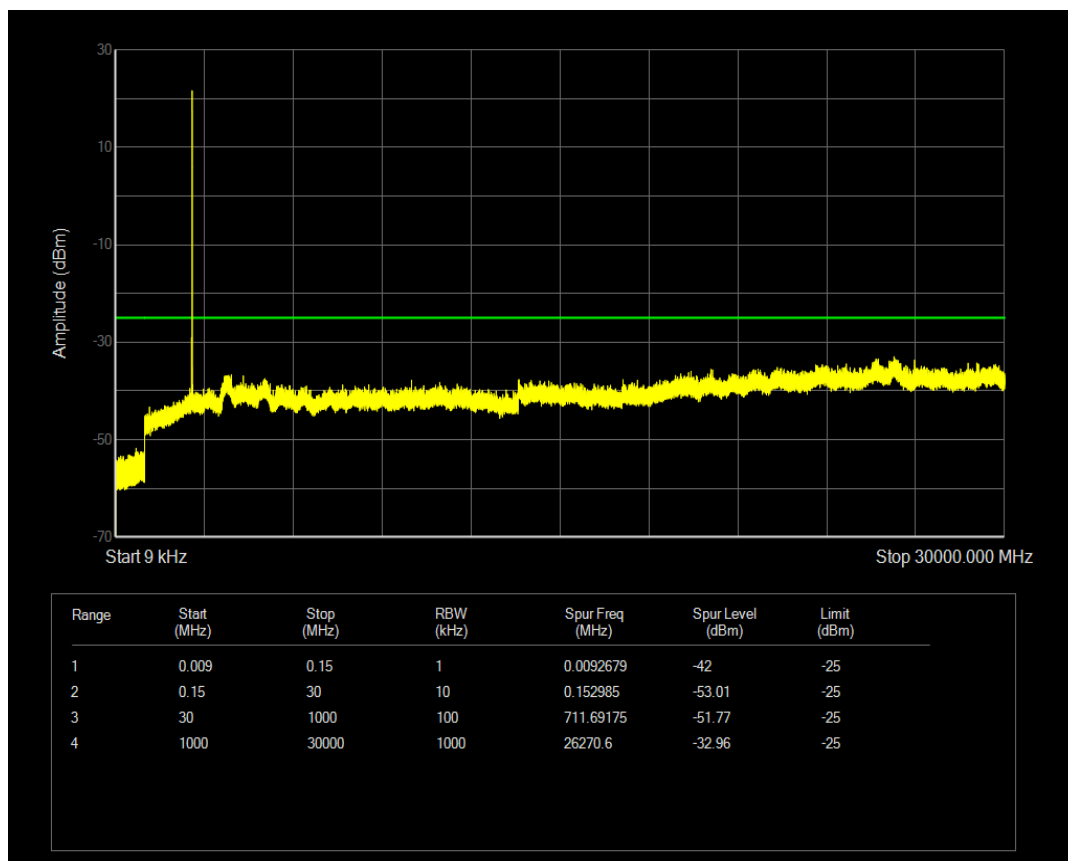
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@0 ant2



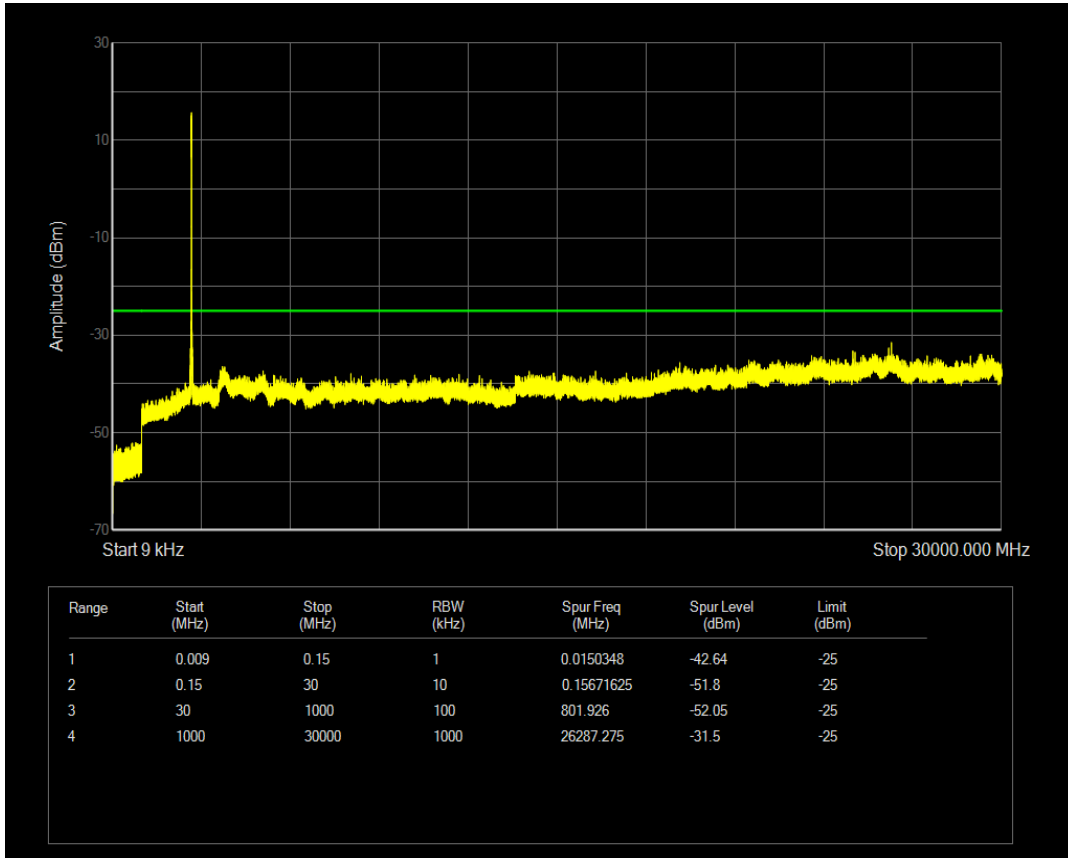
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=1@50 ant1



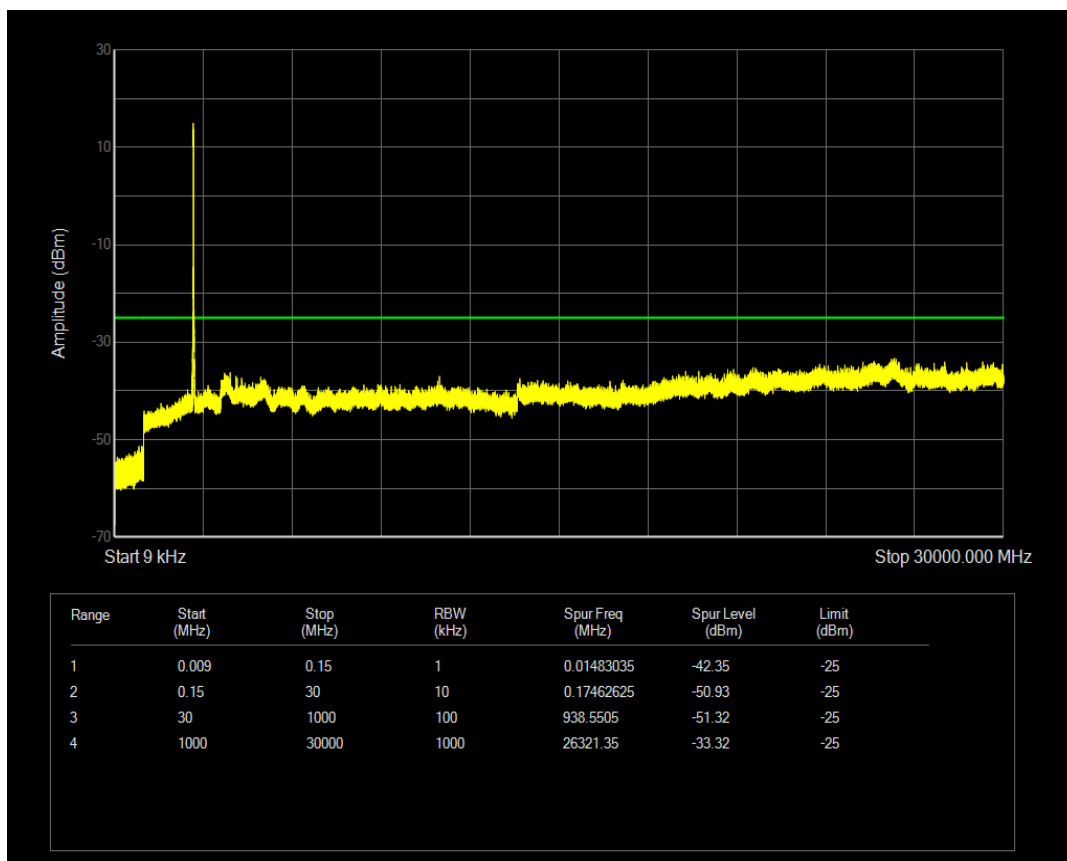
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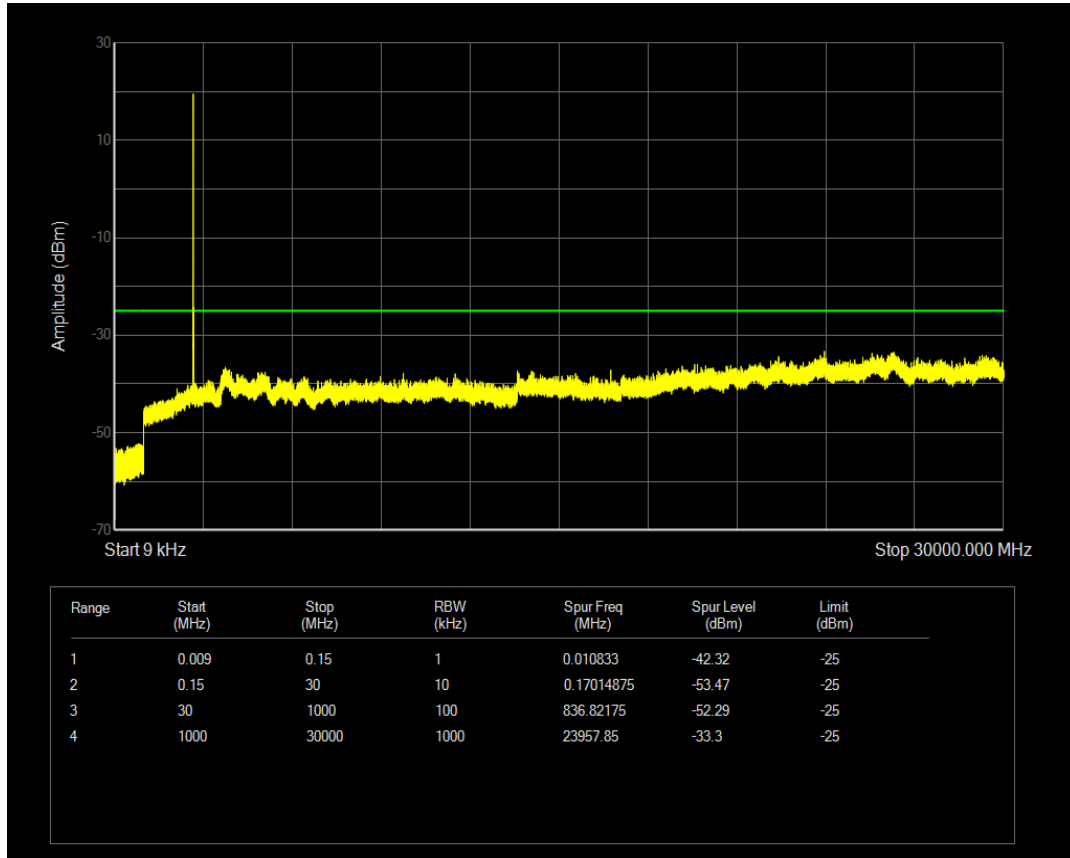
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant1



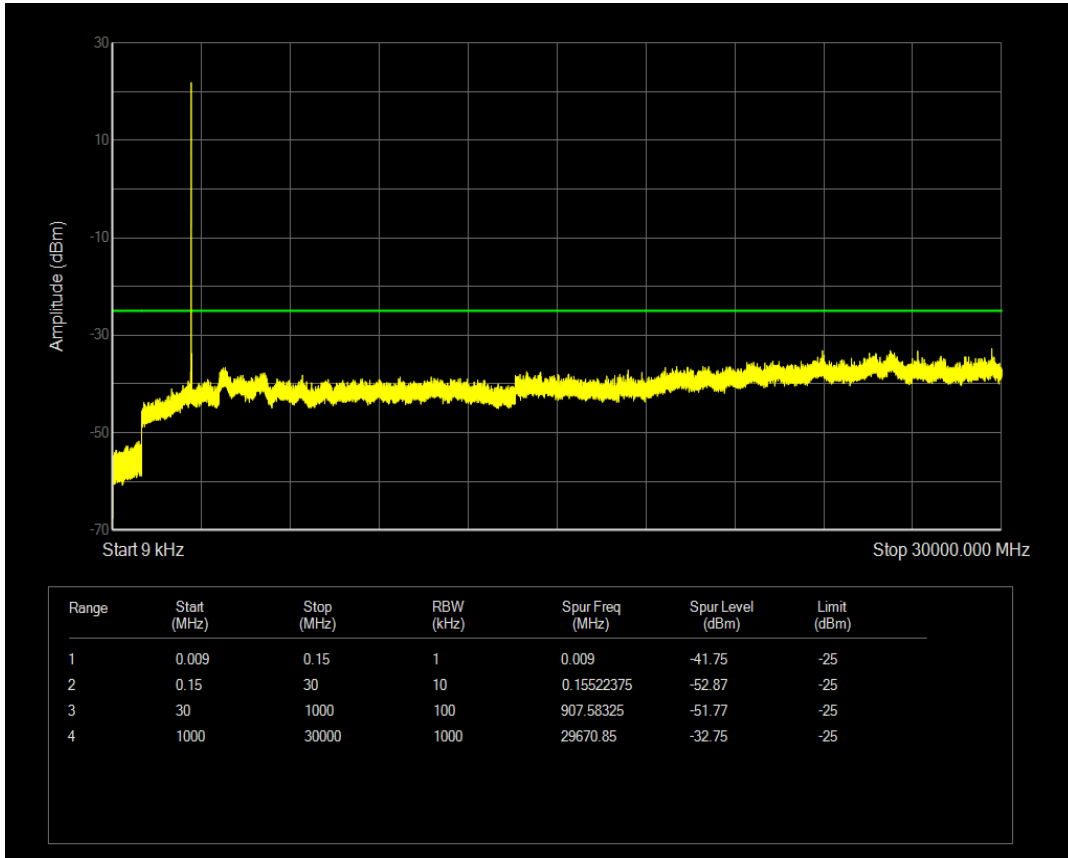
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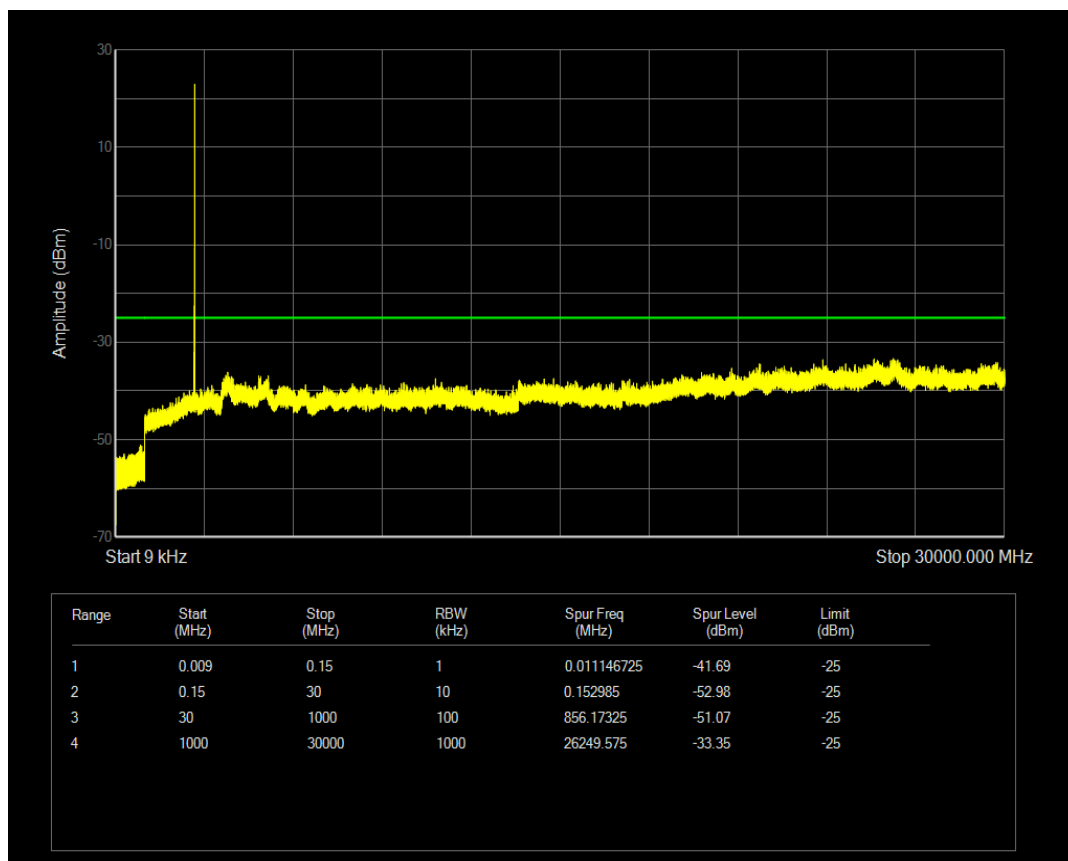
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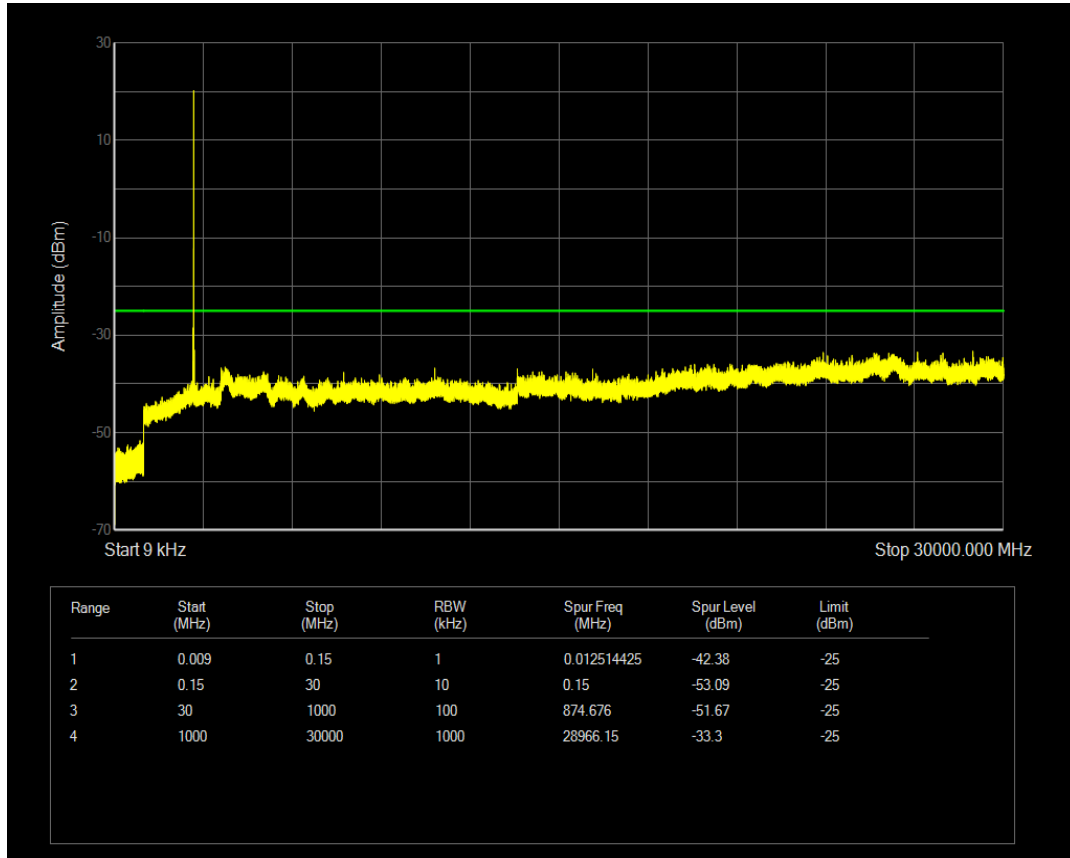
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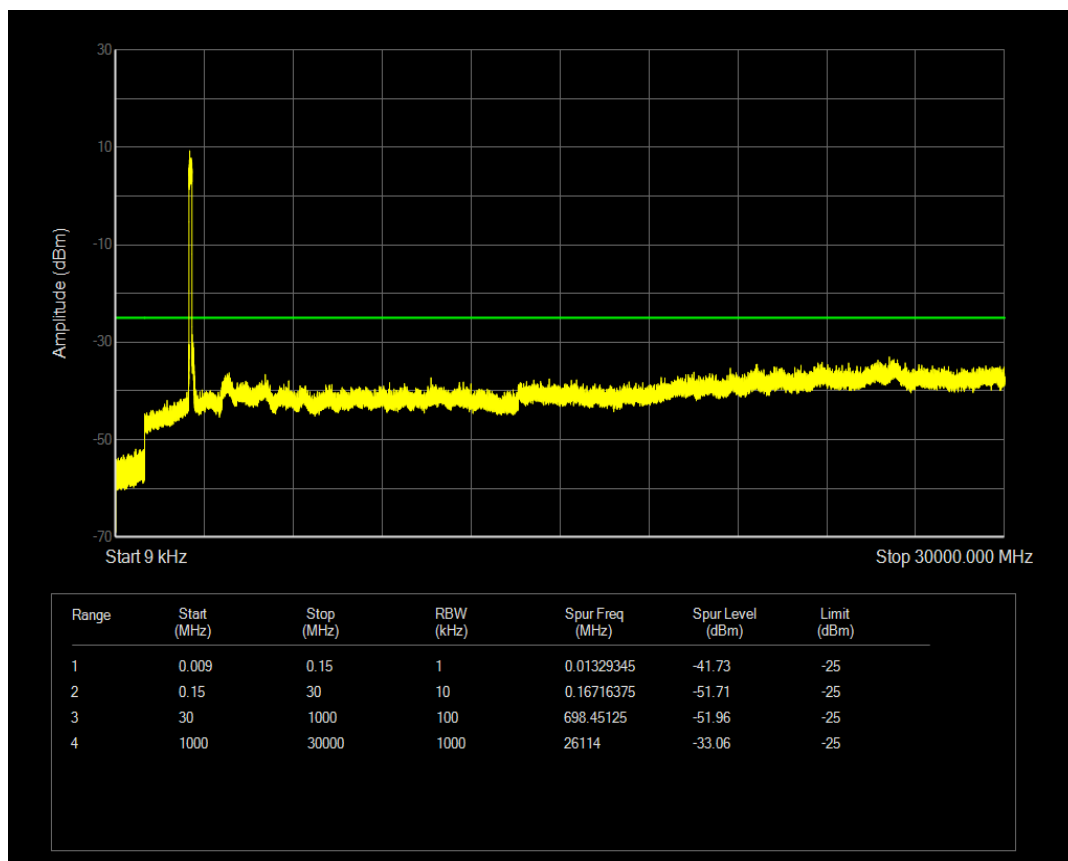
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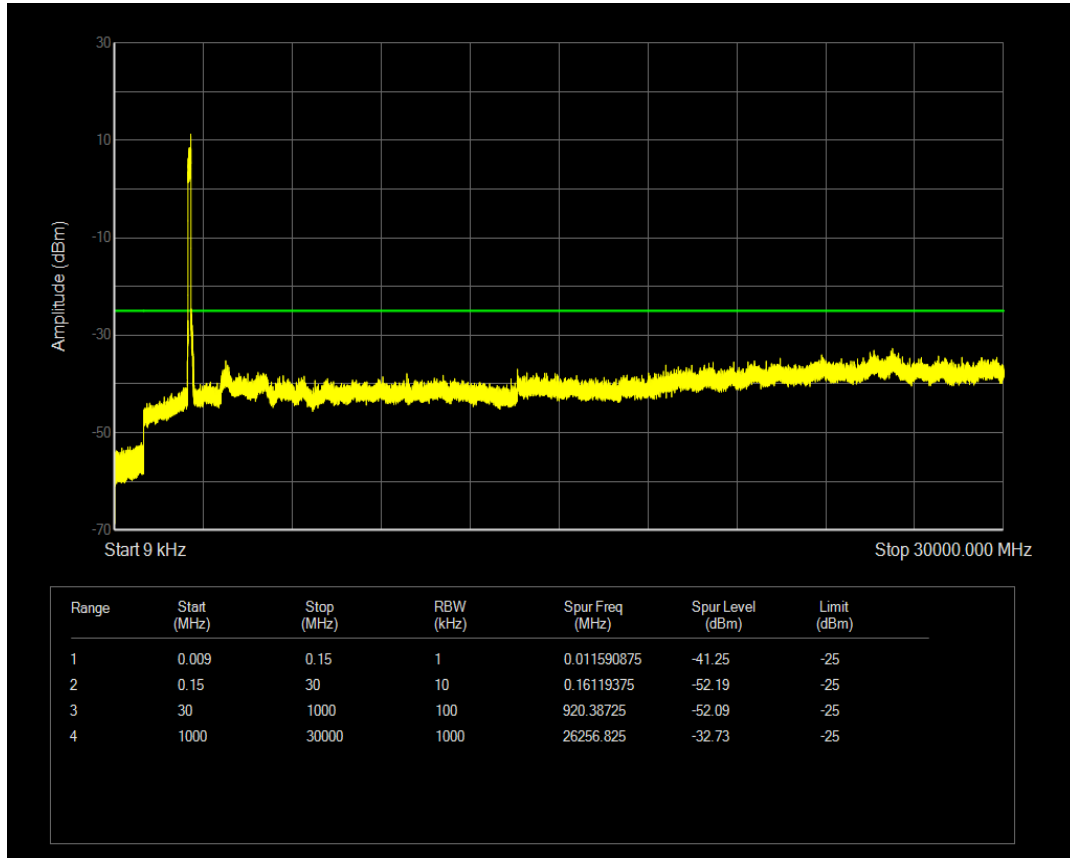
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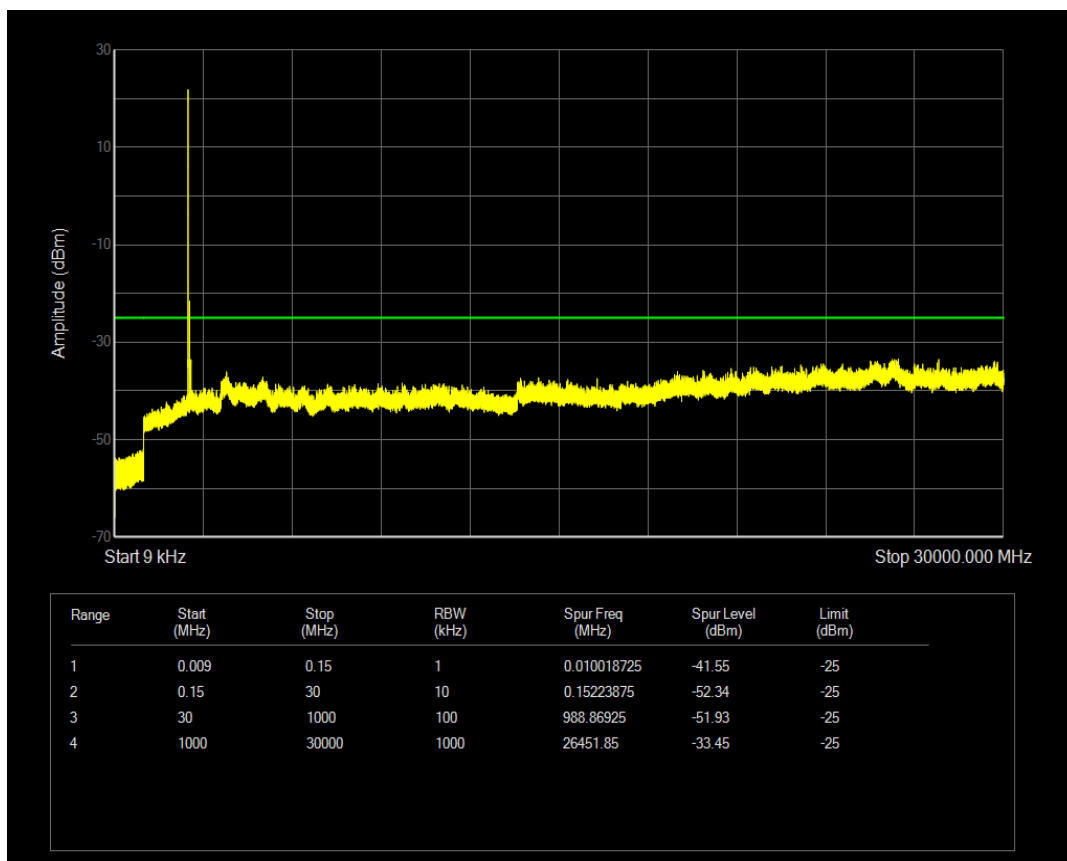
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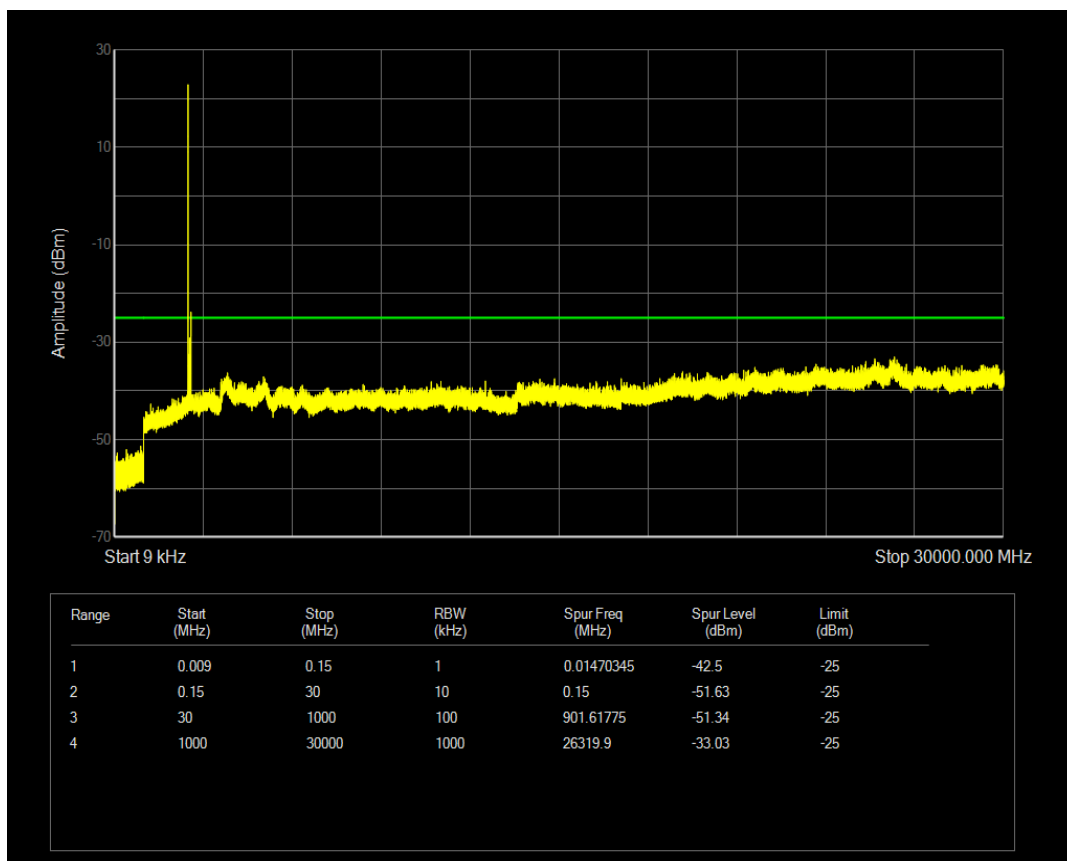
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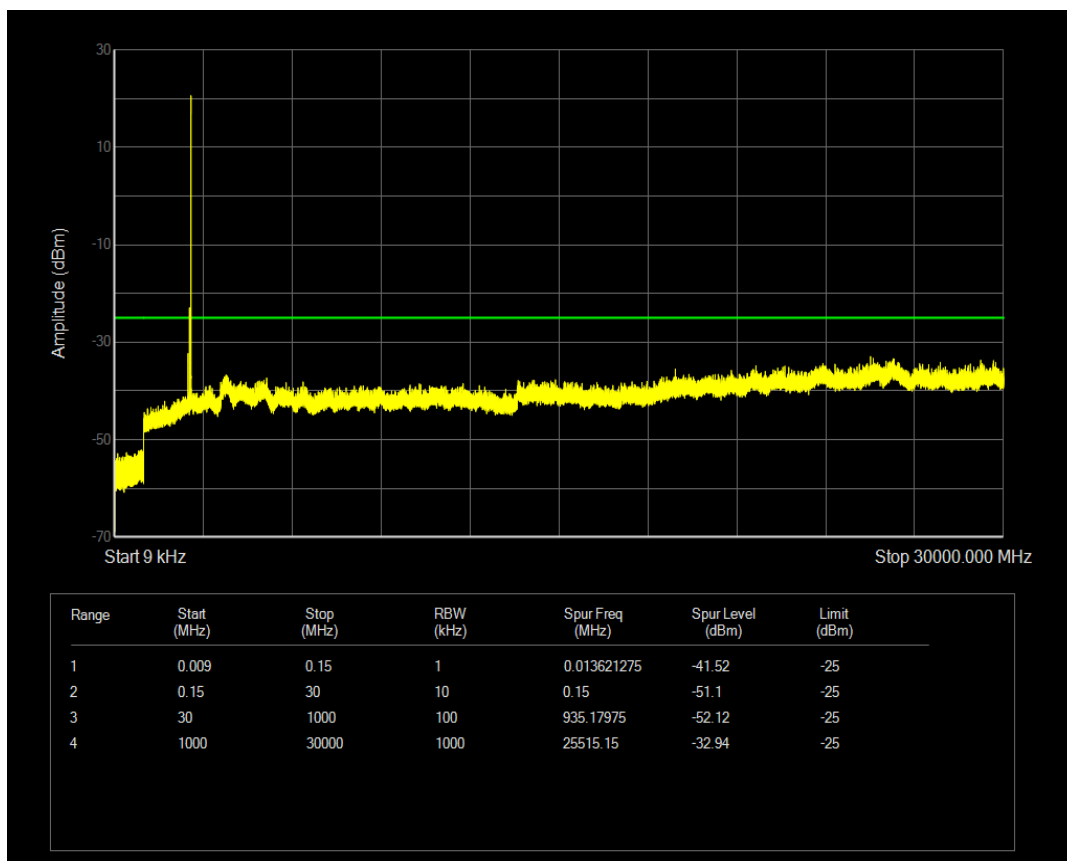
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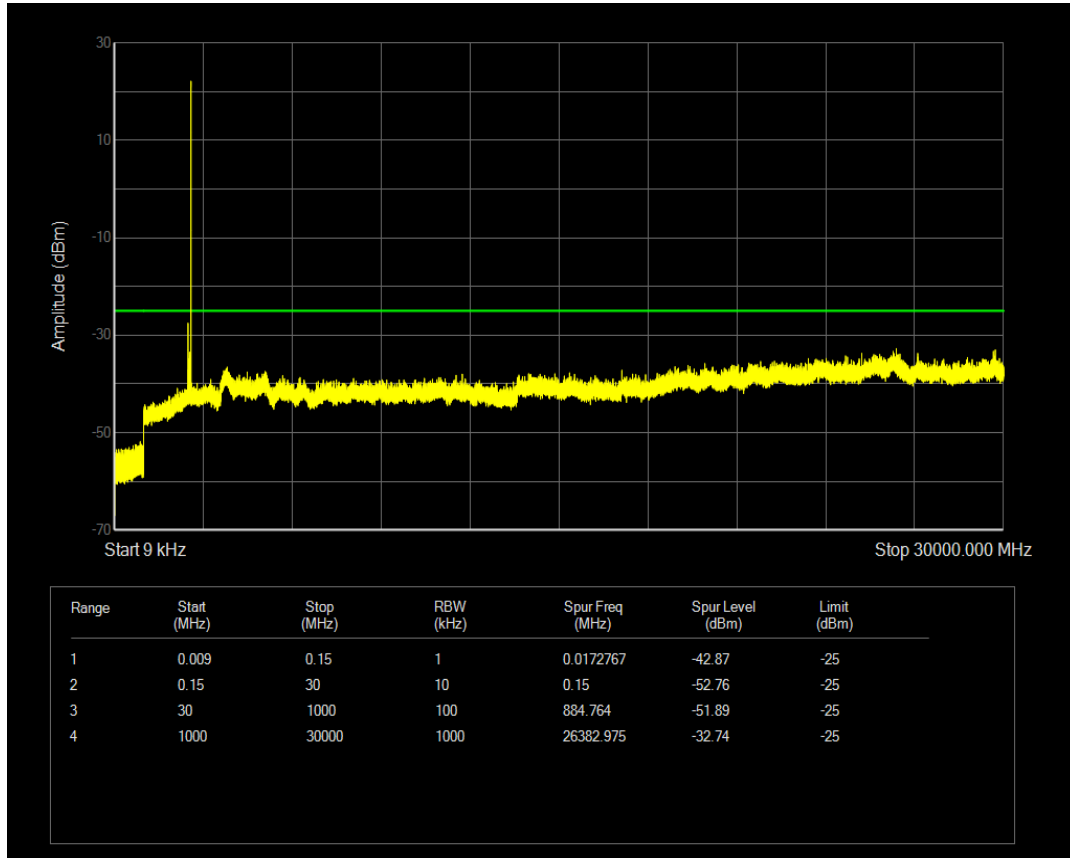
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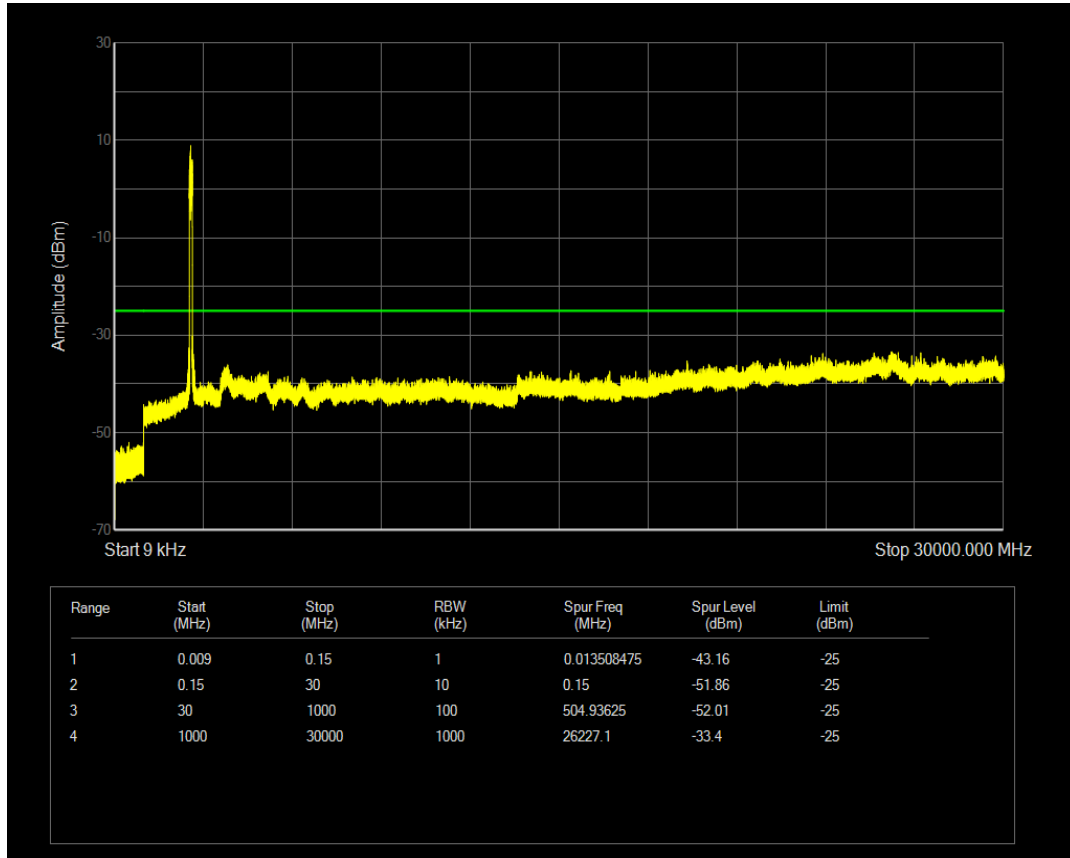
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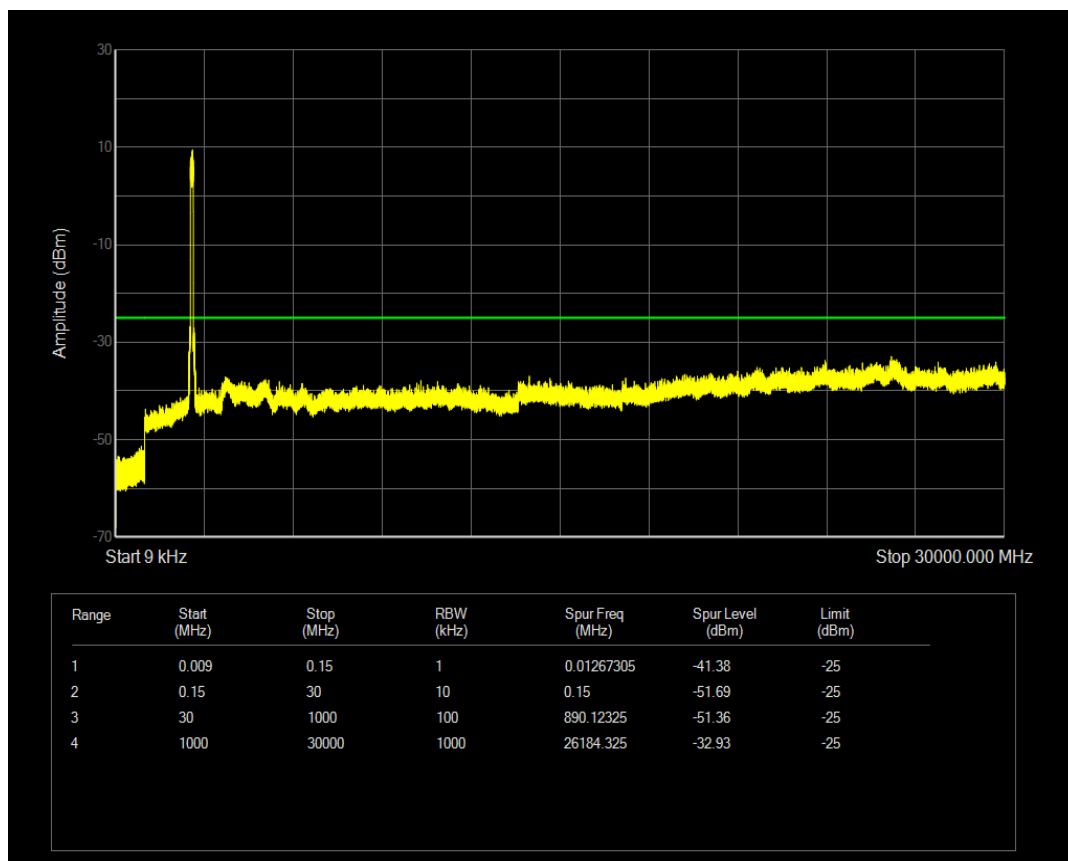
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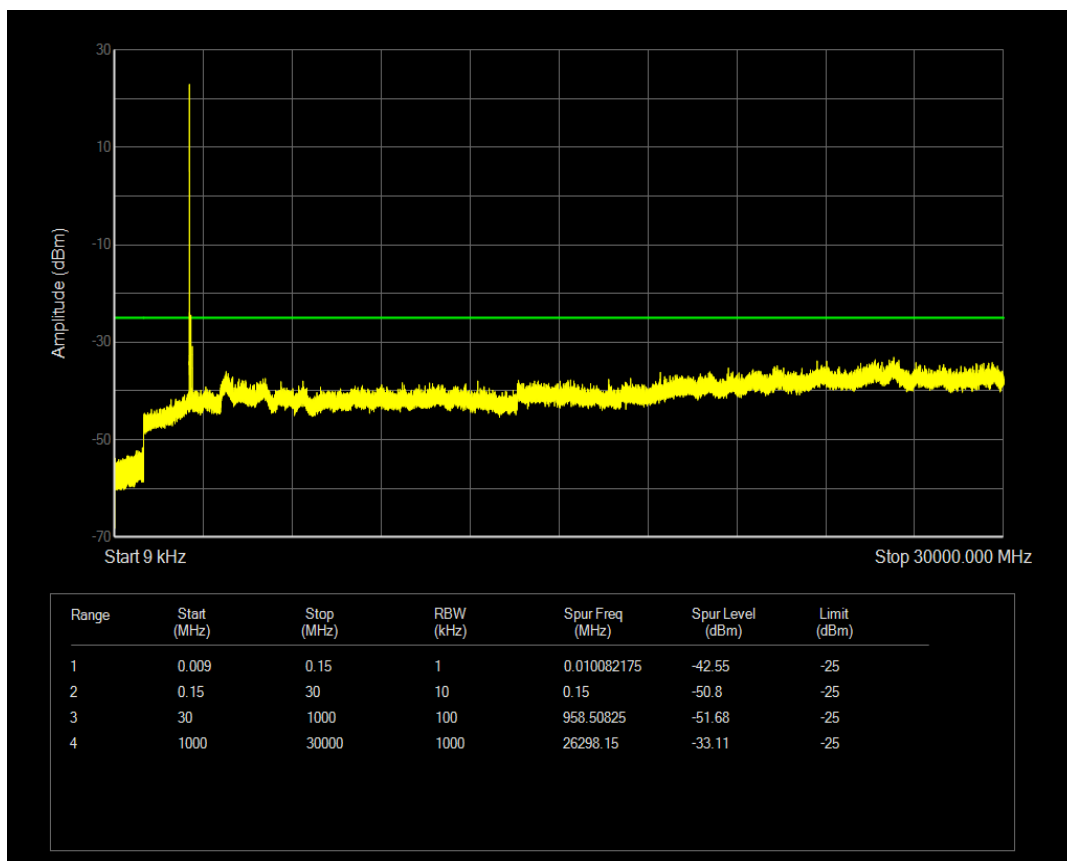
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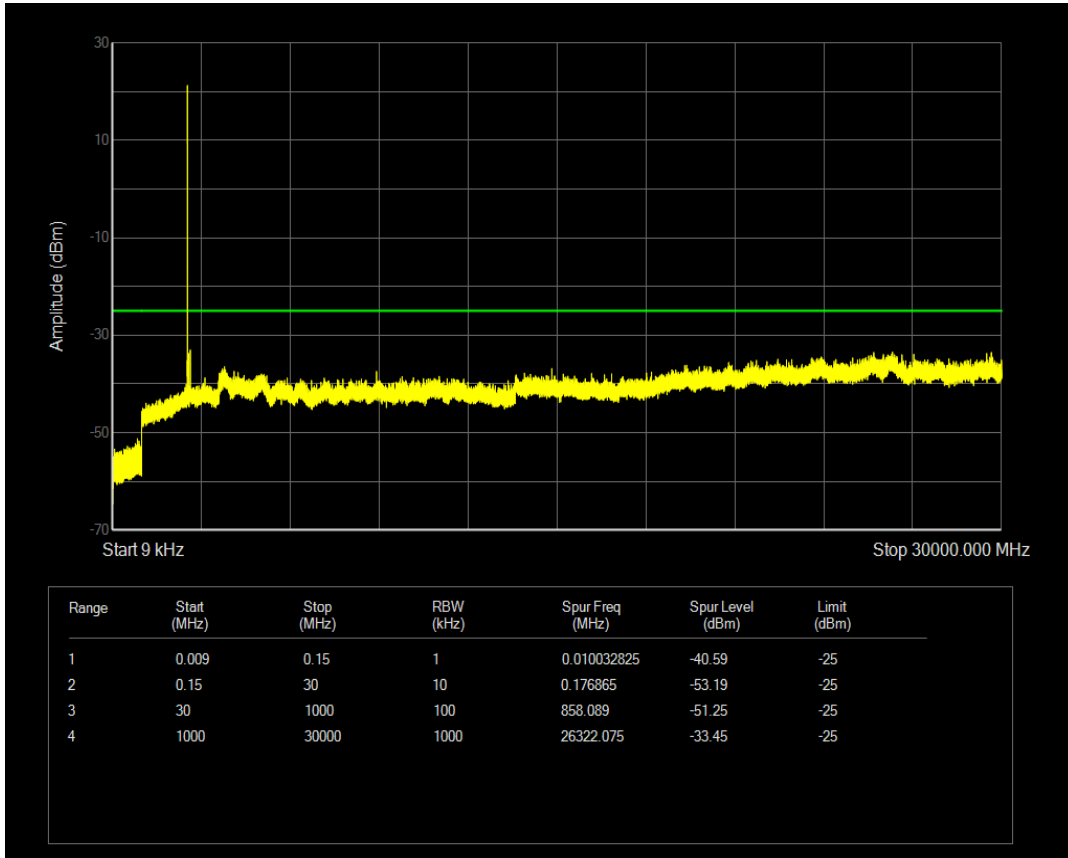
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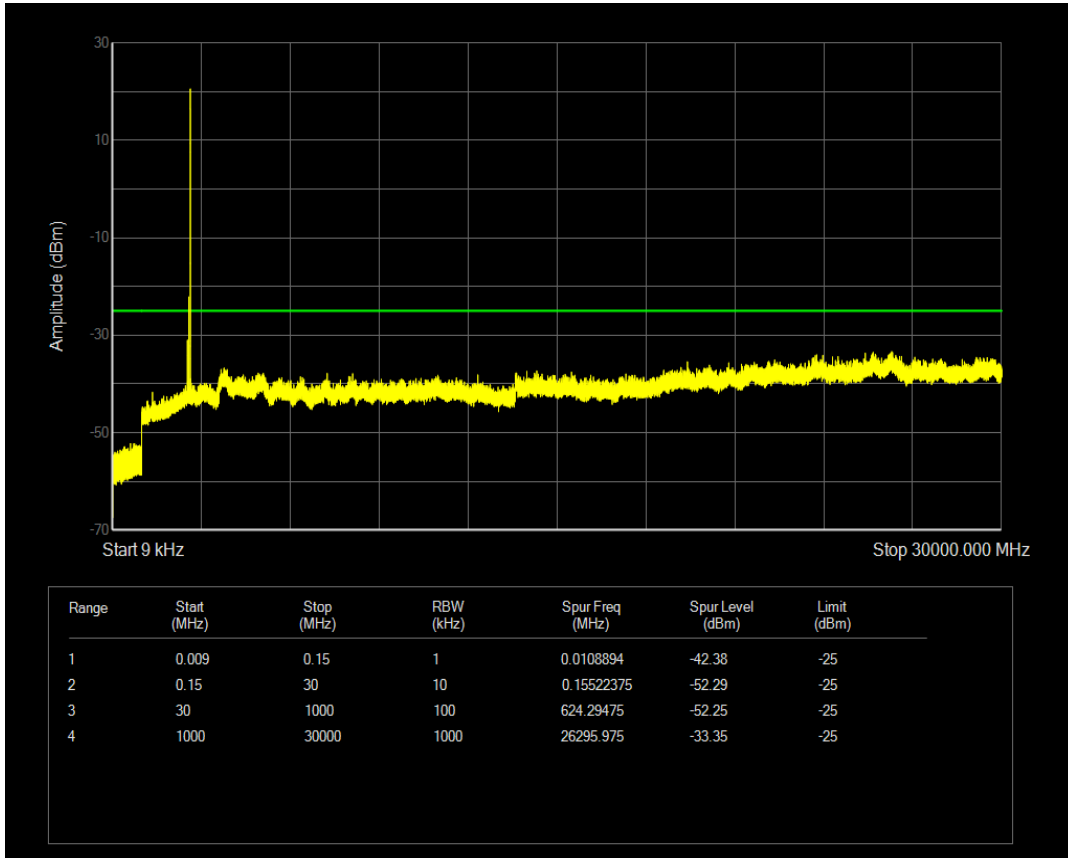
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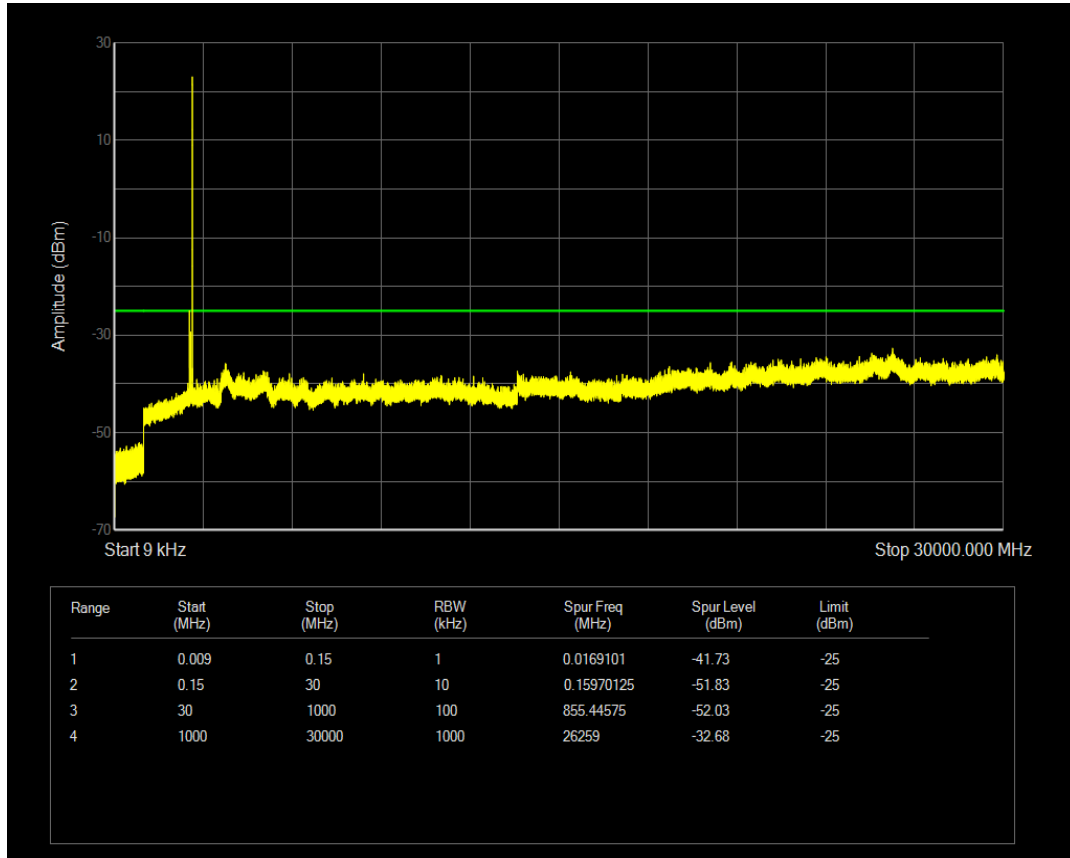
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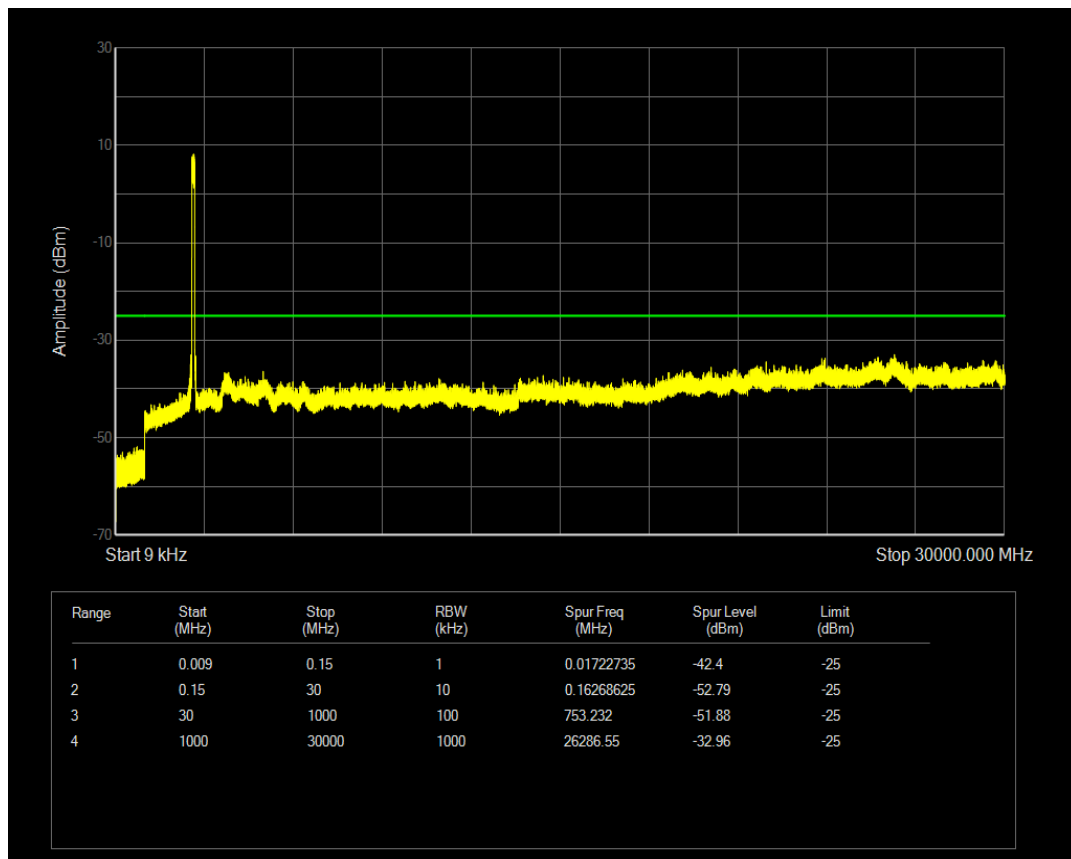
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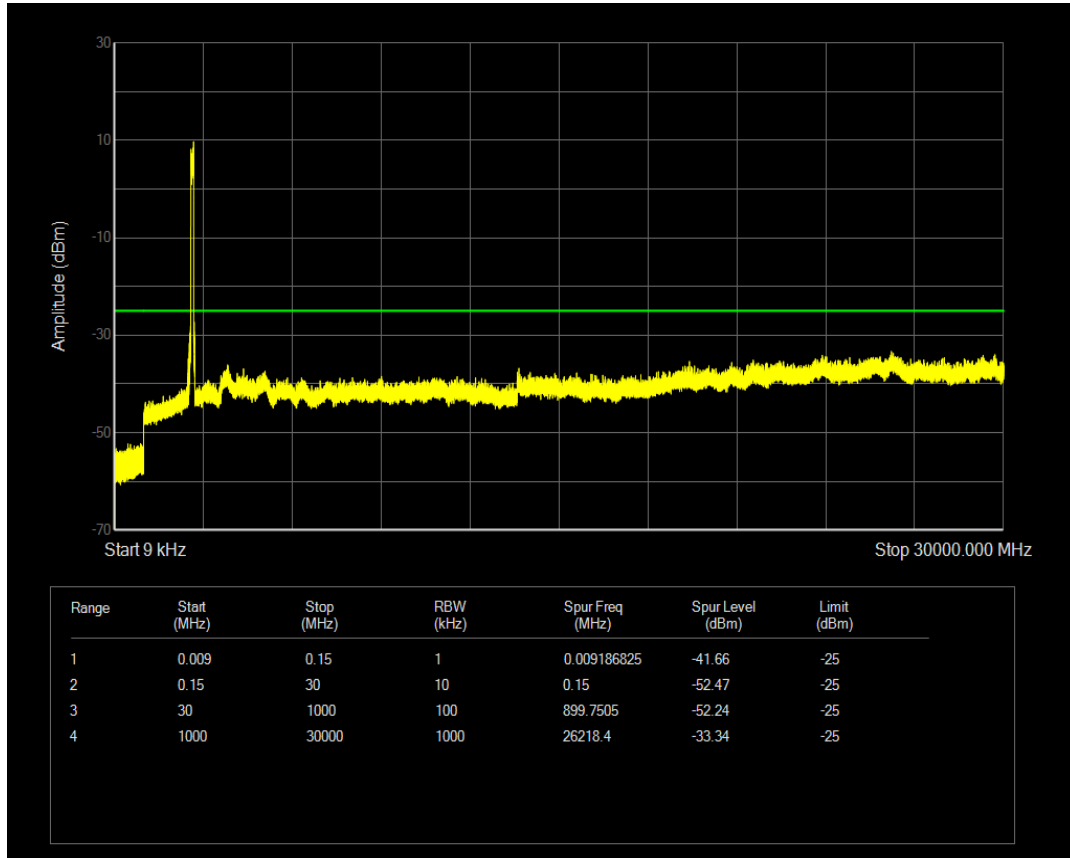
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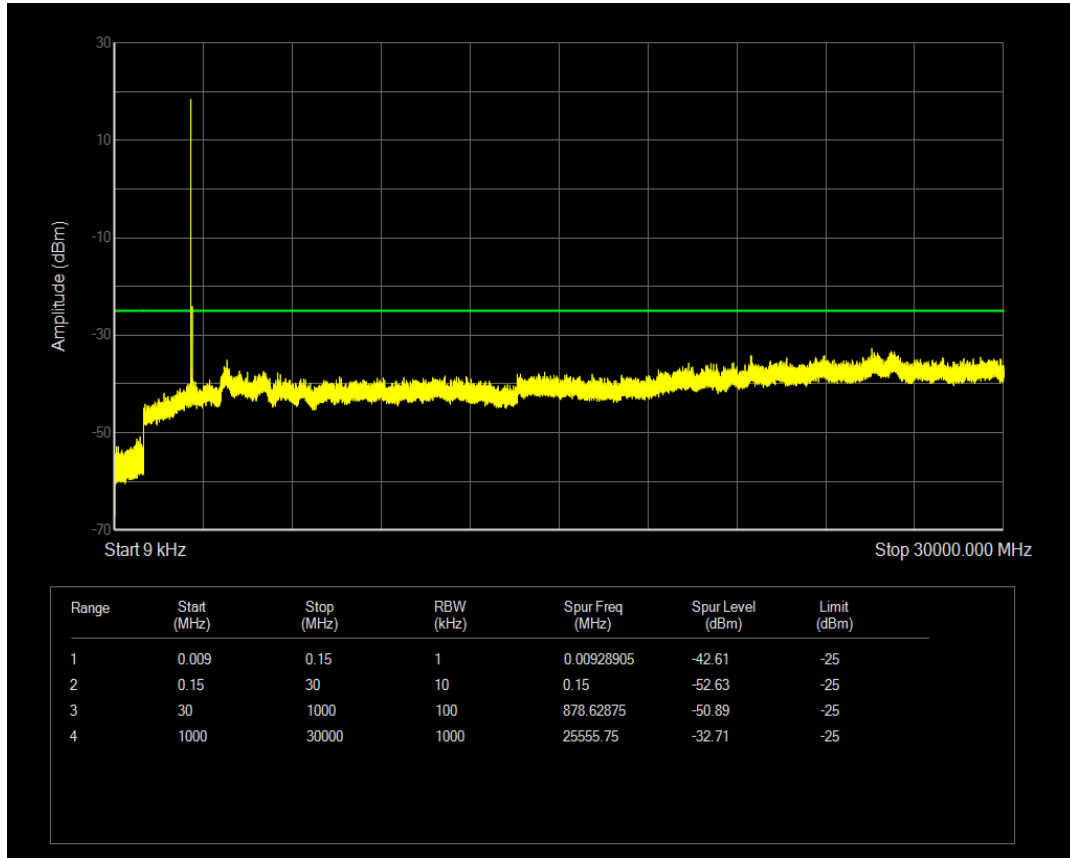
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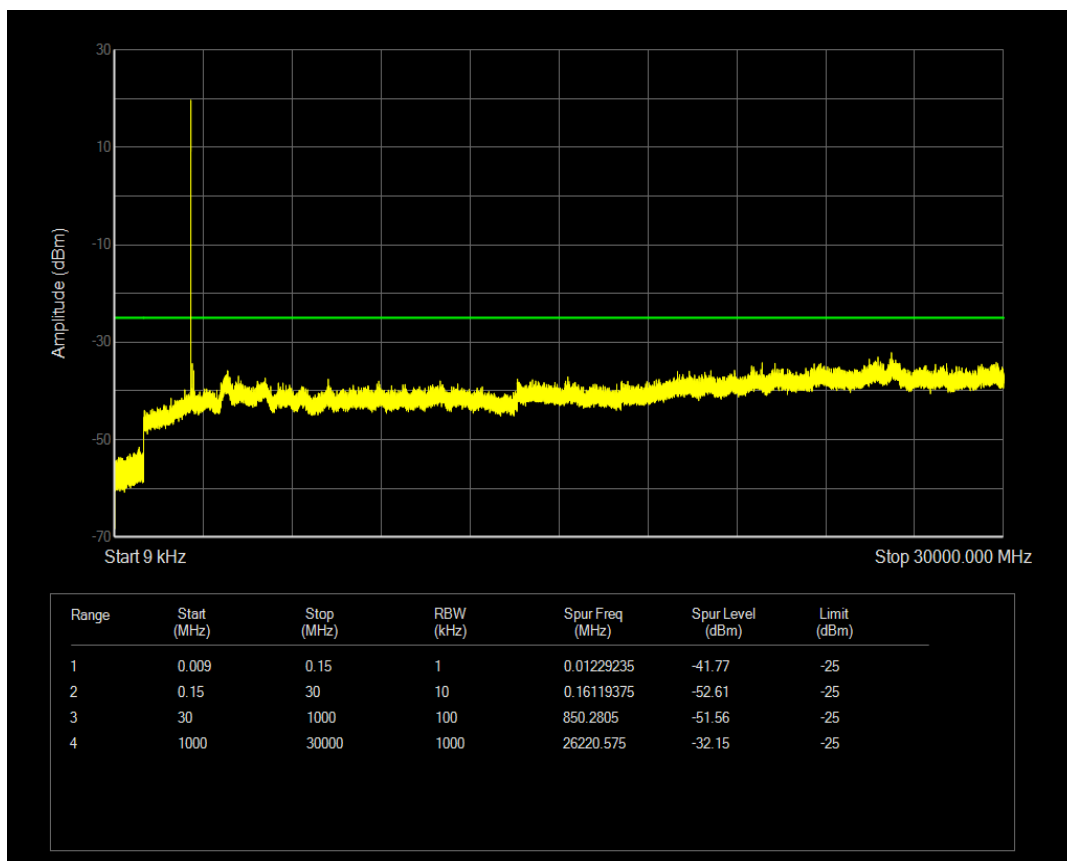
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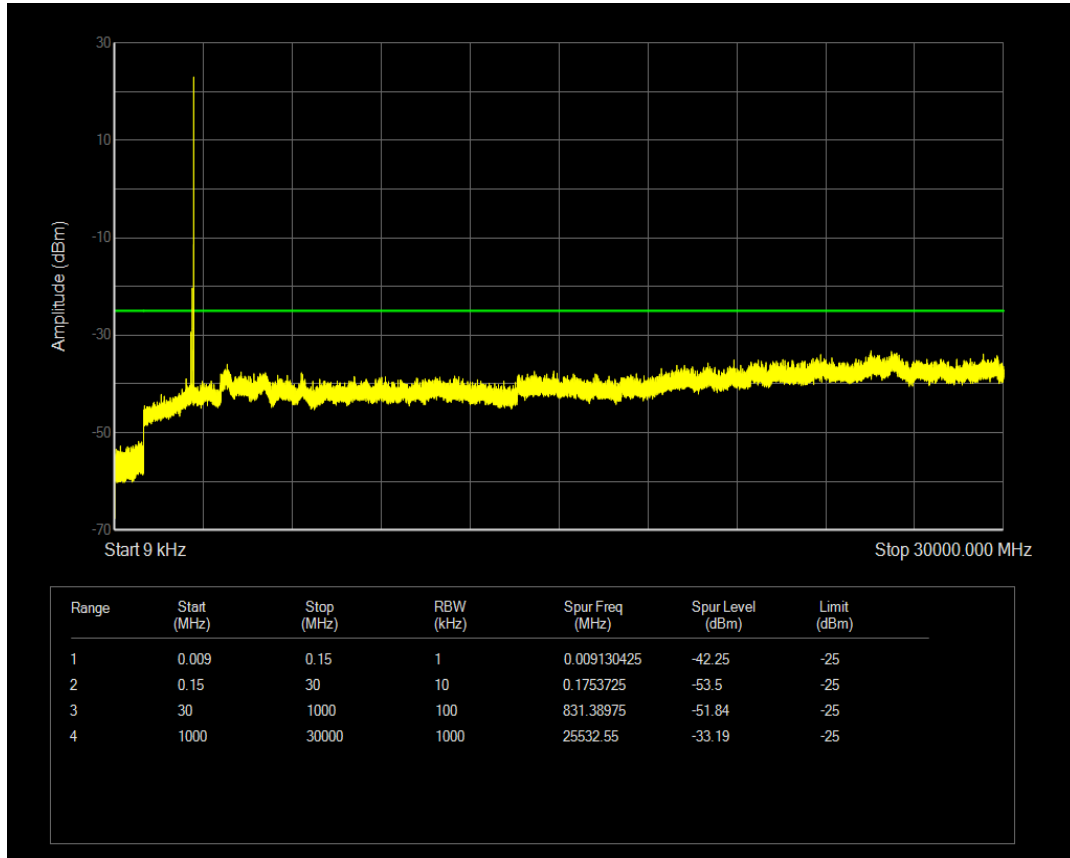
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n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0 ant2



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



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

