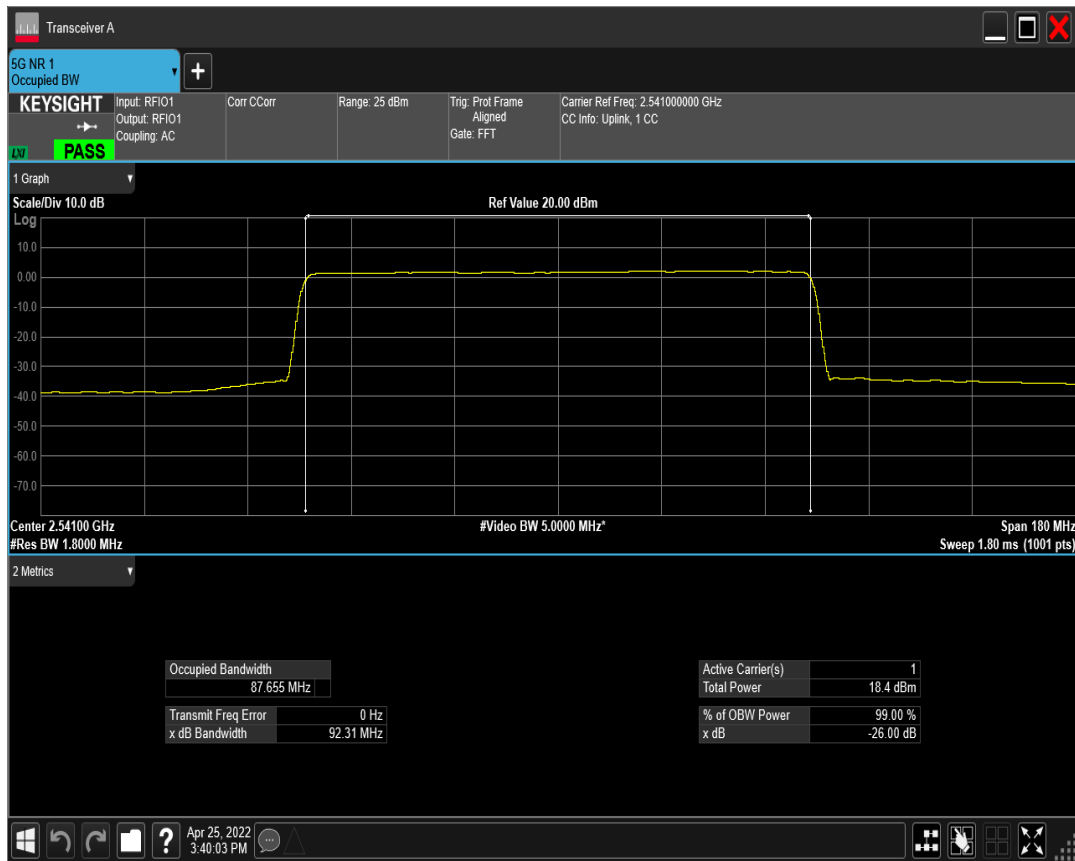
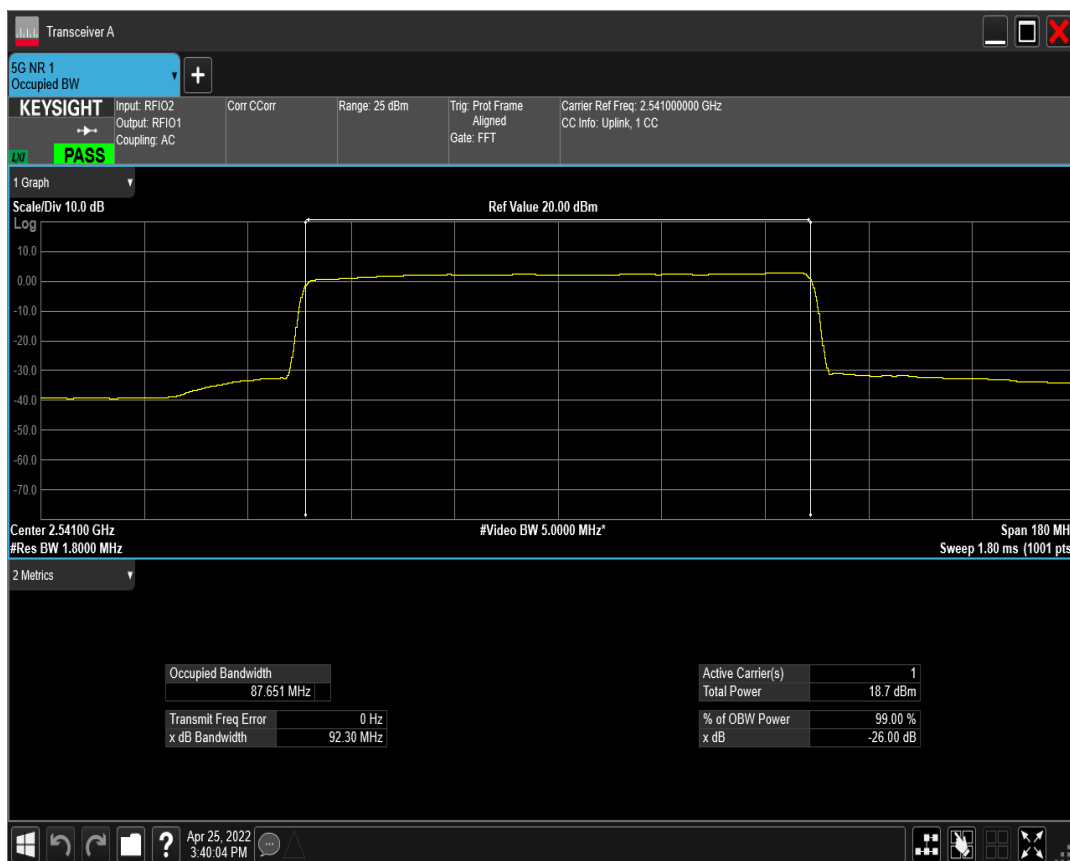
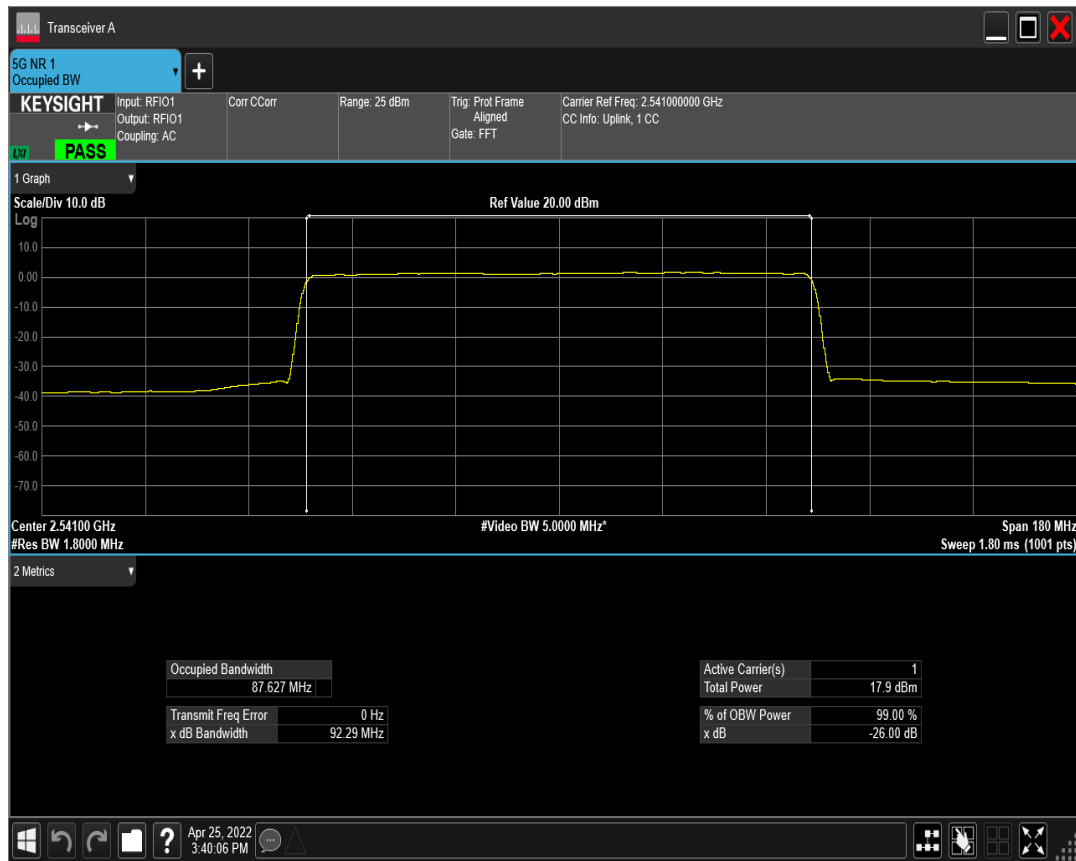




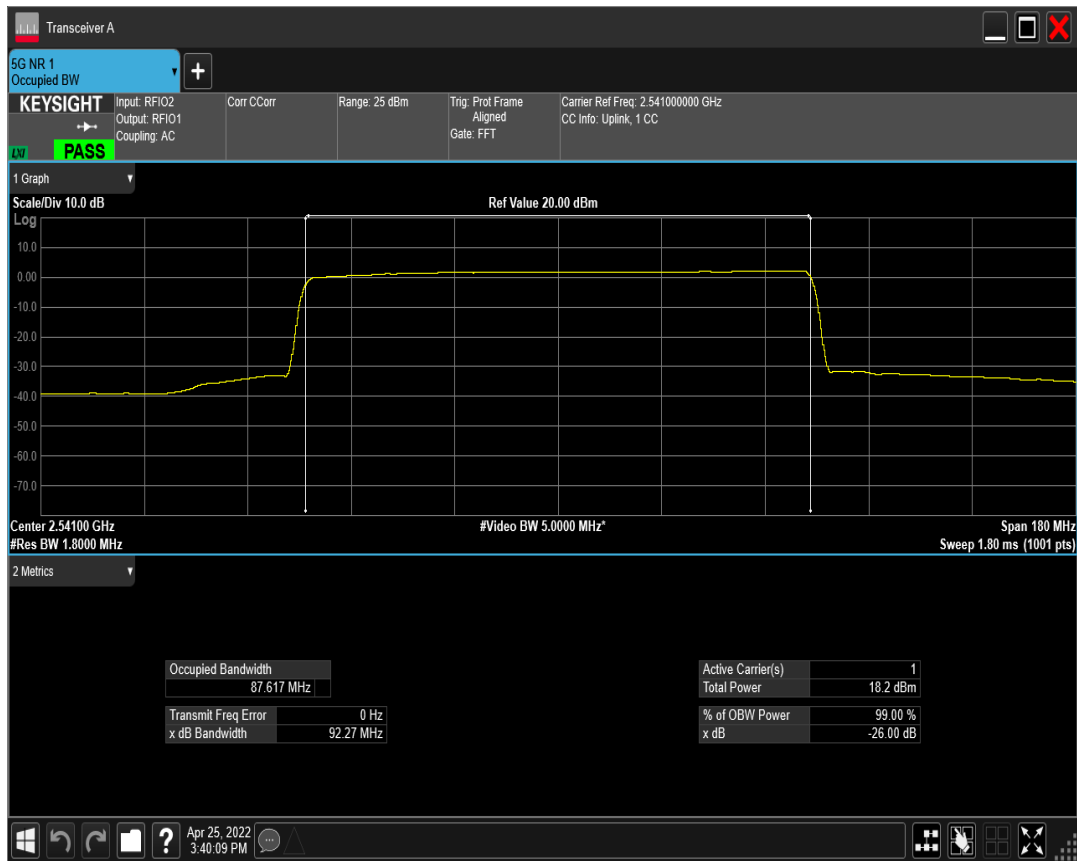
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=508200 RB=245@0 ant2



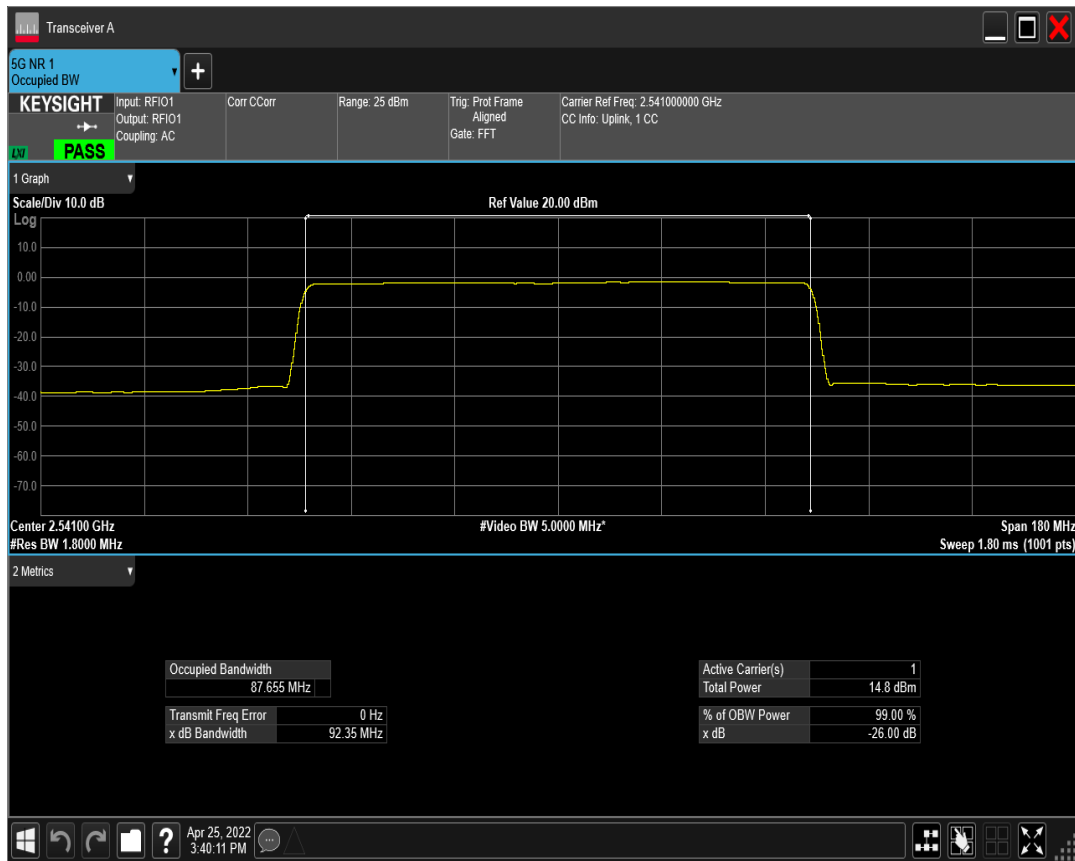
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=508200 RB=245@0 ant1



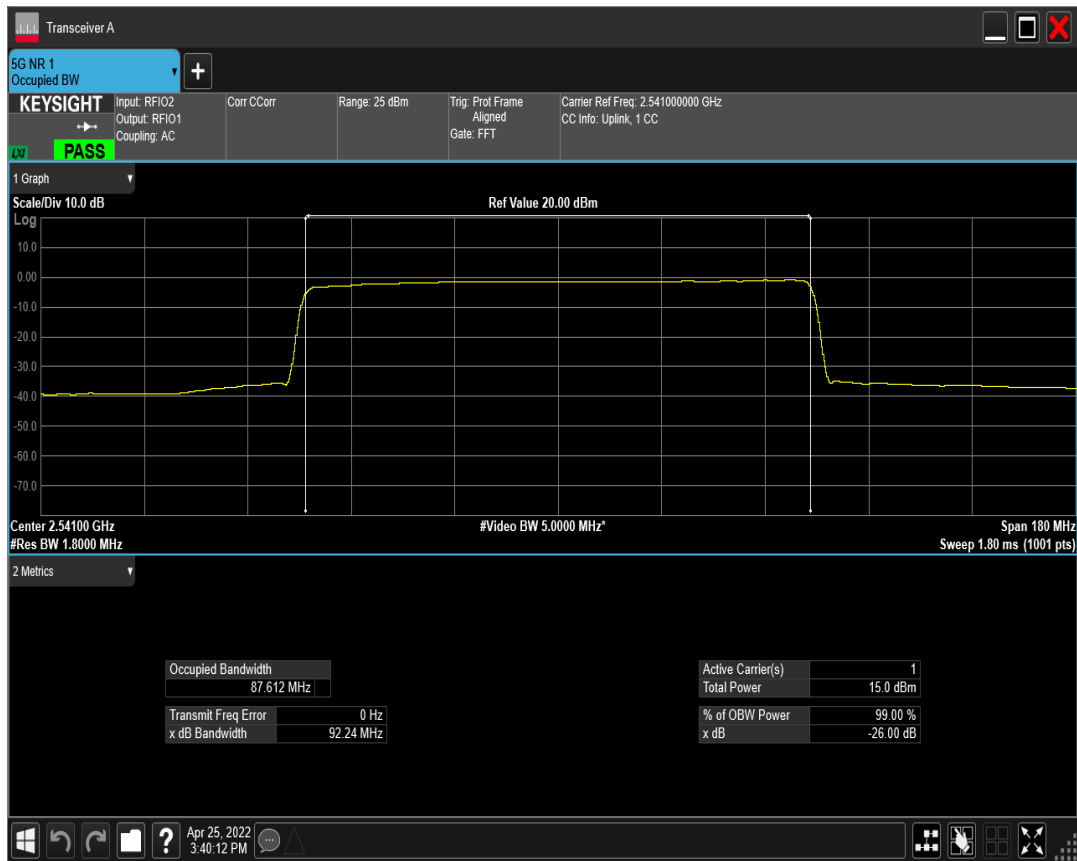
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=508200 RB=245@0 ant2



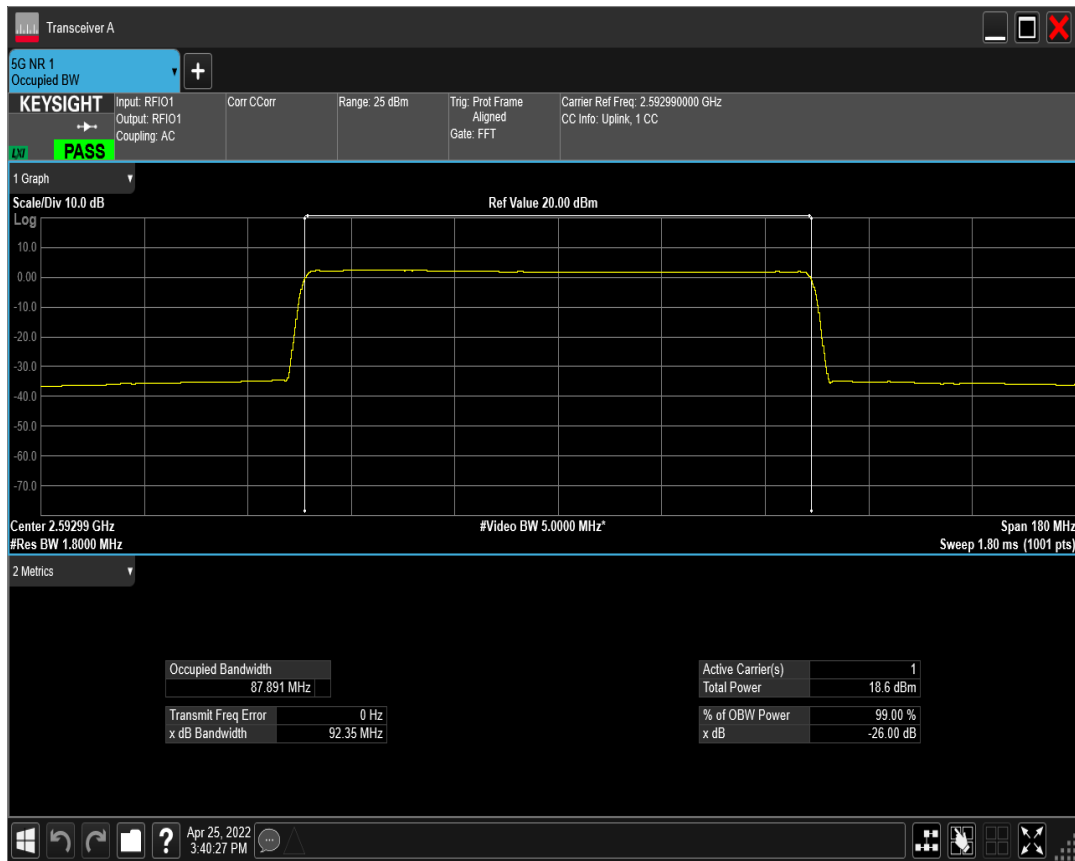
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=508200 RB=245@0 ant1



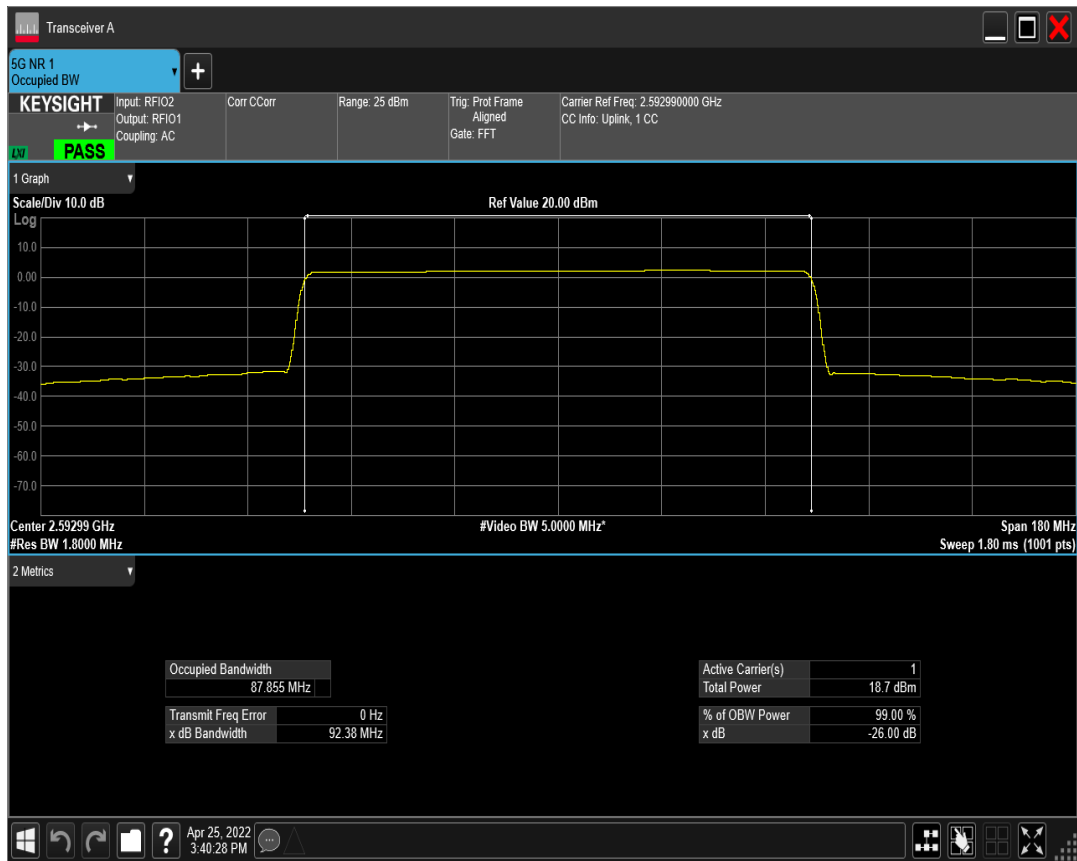
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=508200 RB=245@0 ant2



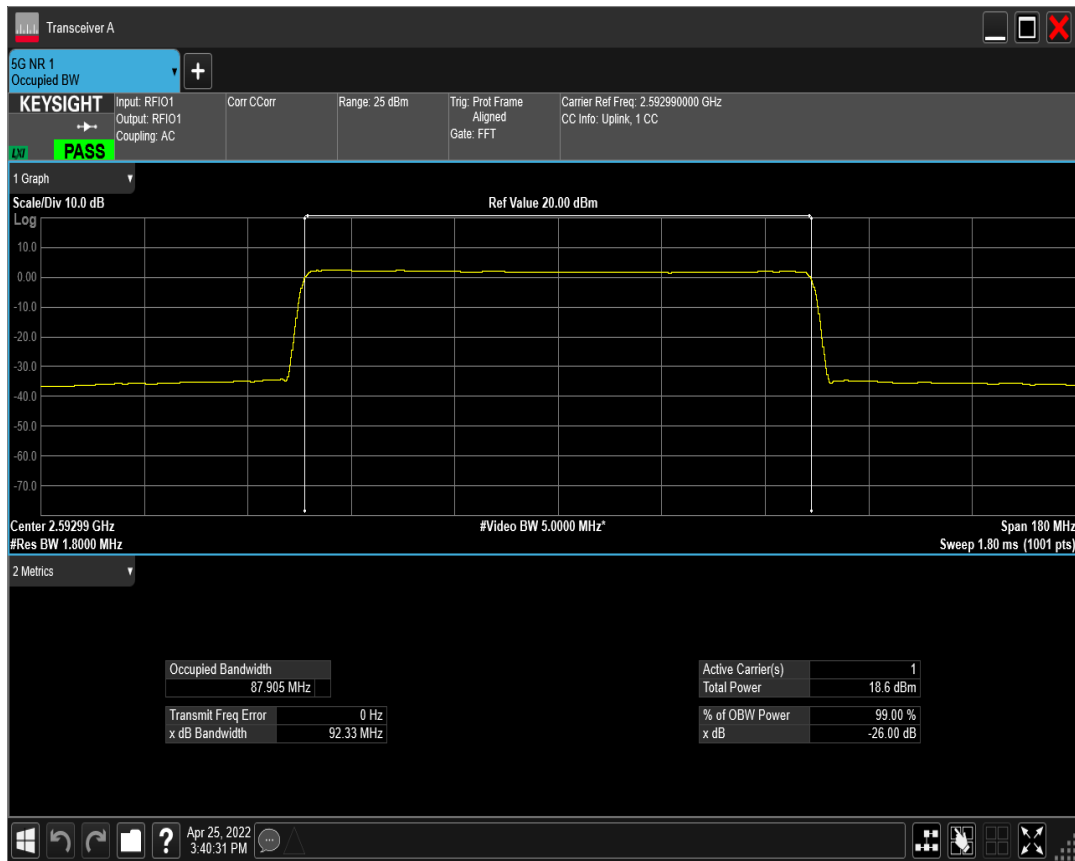
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=518598 RB=245@0 ant1



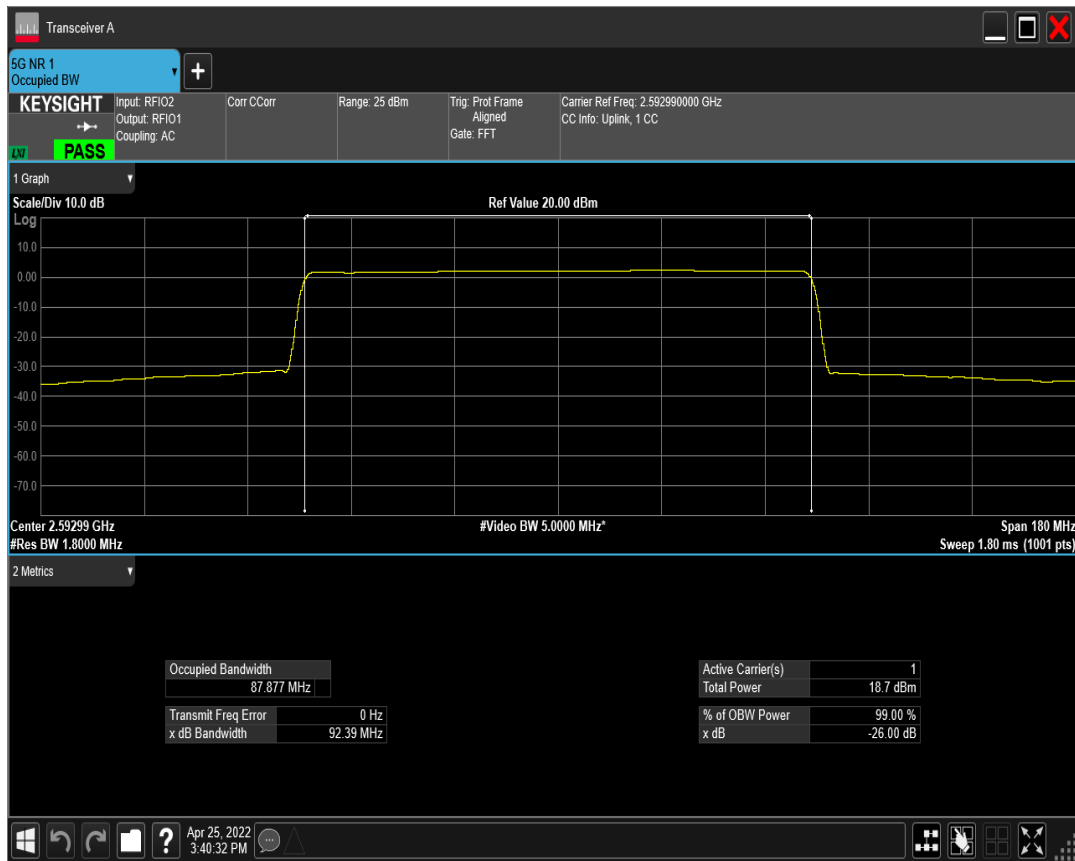
n41 SCS=30kHz CP_QPSK BW=90MHz Channel=518598 RB=245@0 ant2



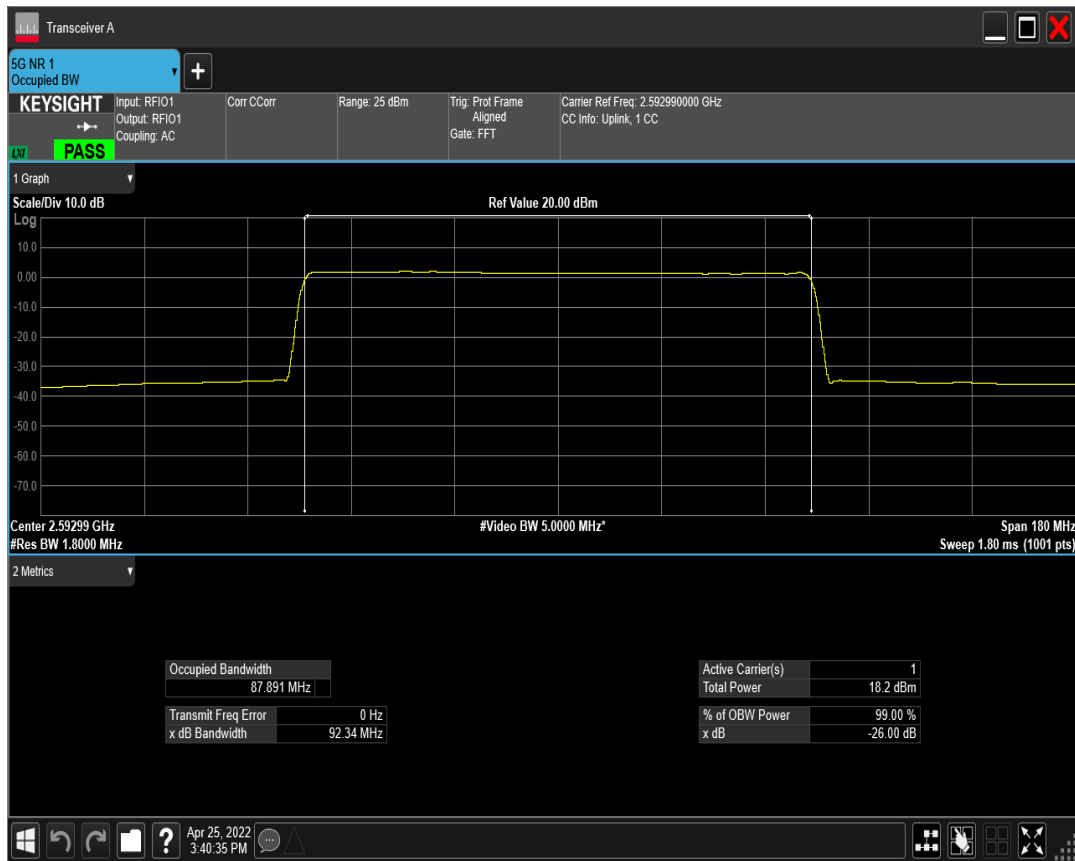
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=518598 RB=245@0 ant1



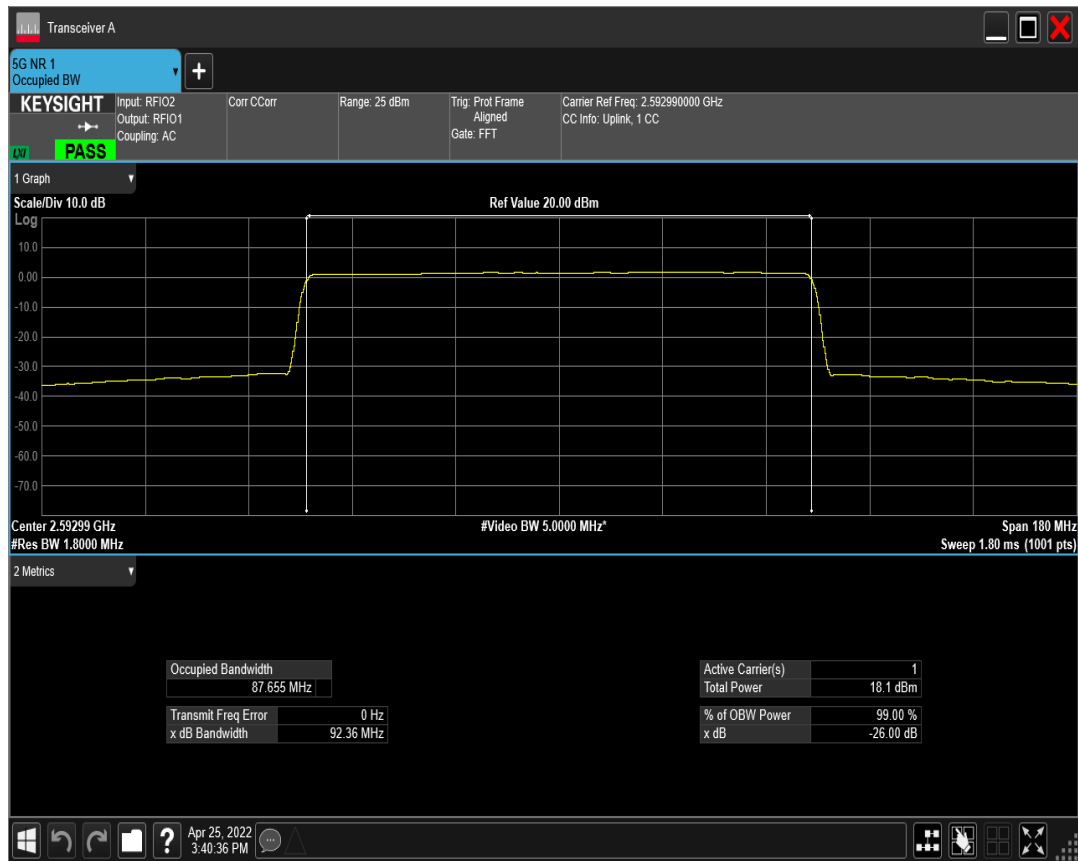
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=518598 RB=245@0 ant2



n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=518598 RB=245@0 ant1



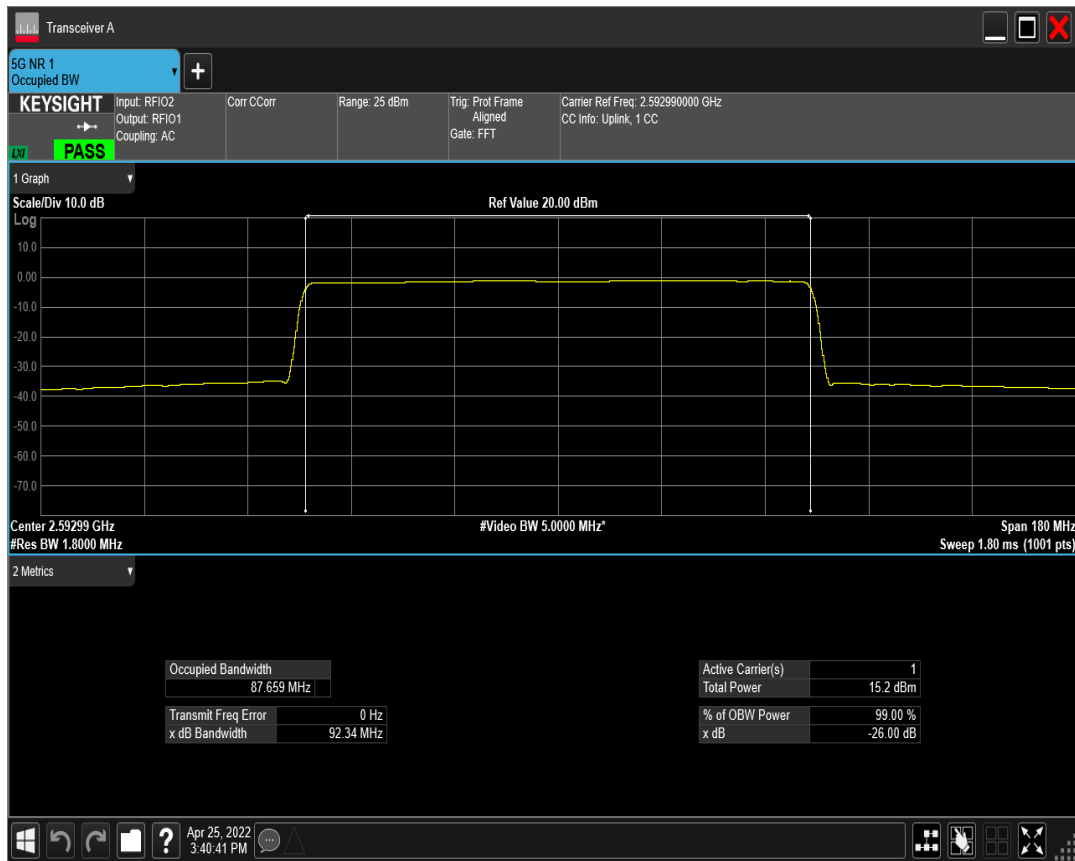
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=518598 RB=245@0 ant2



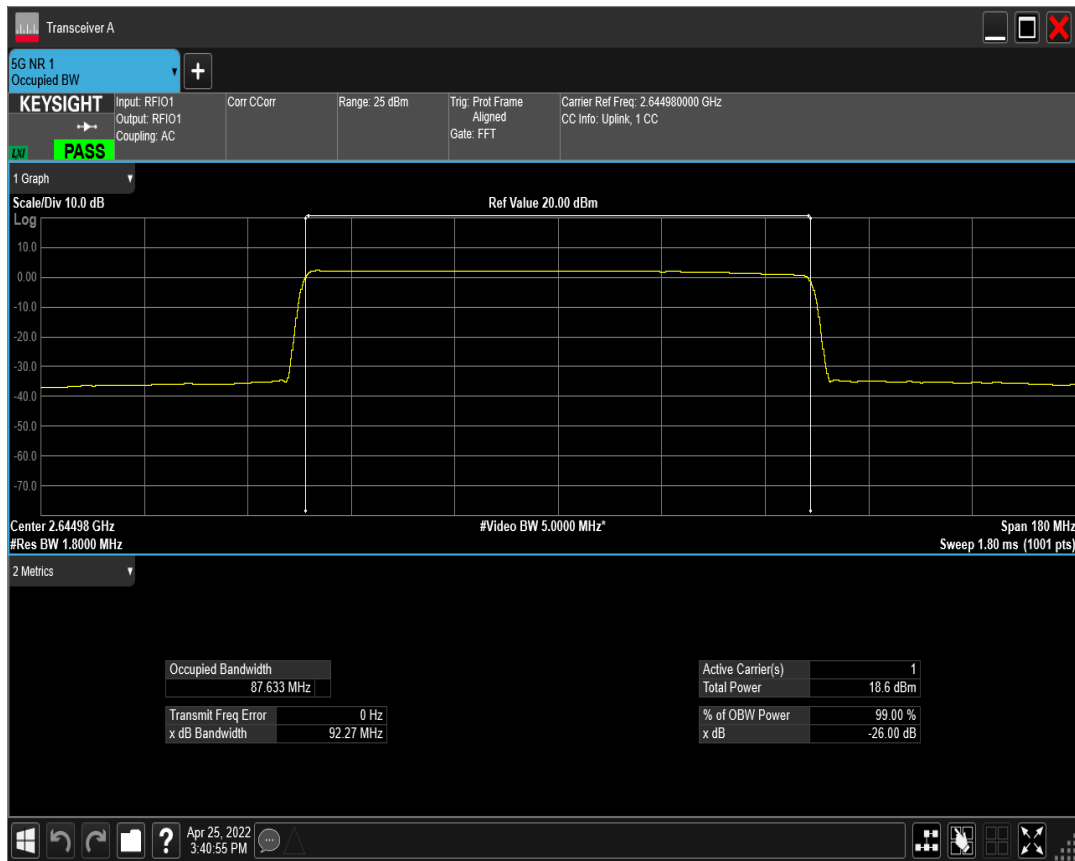
n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=518598 RB=245@0 ant1



n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=518598 RB=245@0 ant2

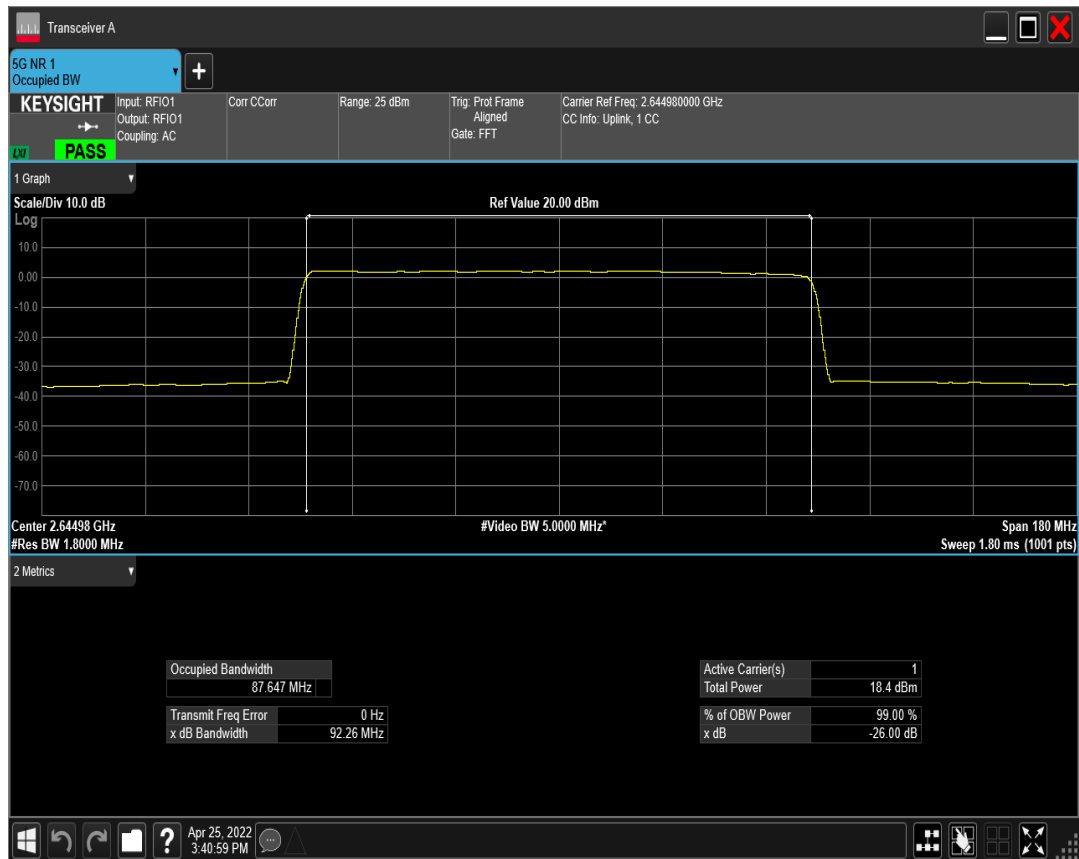


n41 SCS=30kHz CP_QPSK BW=90MHz Channel=528996 RB=245@0 ant1

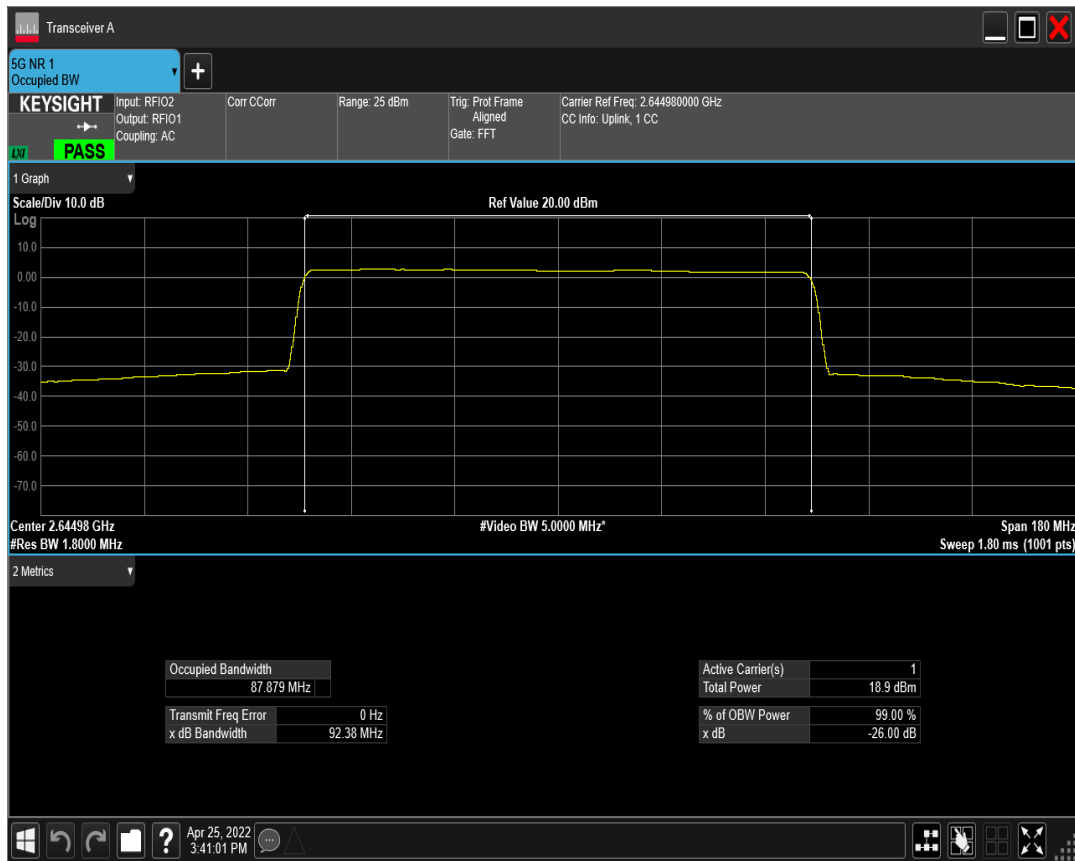


n41 SCS=30kHz CP_QPSK BW=90MHz Channel=528996 RB=245@0 ant2





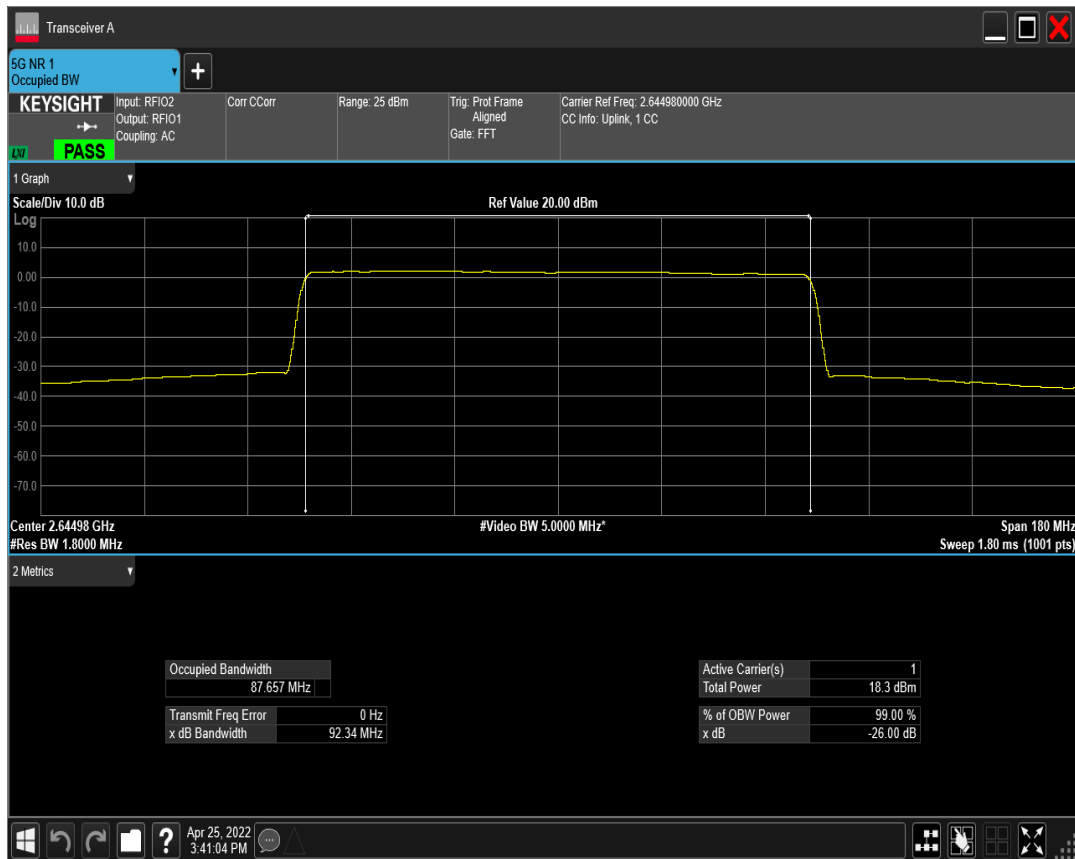
n41 SCS=30kHz CP_QAM16 BW=90MHz Channel=528996 RB=245@0 ant2



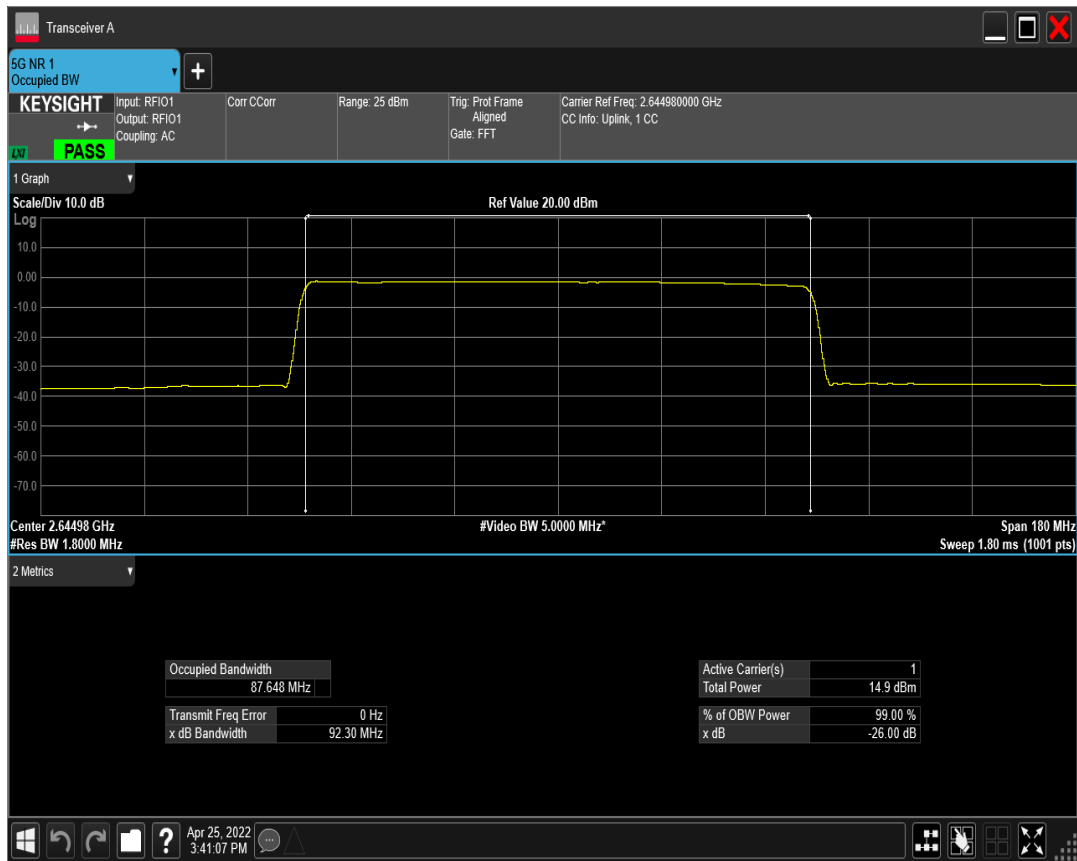
n41 SCS=30kHz CP_QAM64 BW=90MHz Channel=528996 RB=245@0 ant1



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

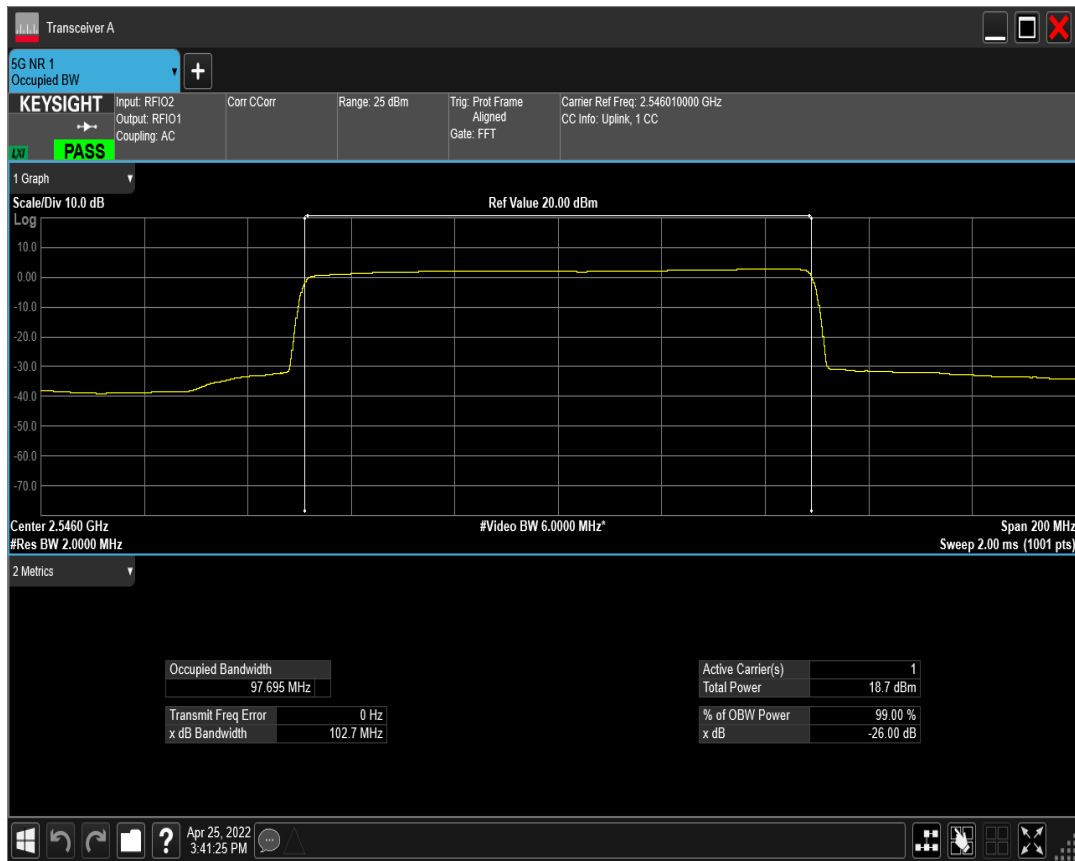


n41 SCS=30kHz CP_QAM256 BW=90MHz Channel=528996 RB=245@0 ant2

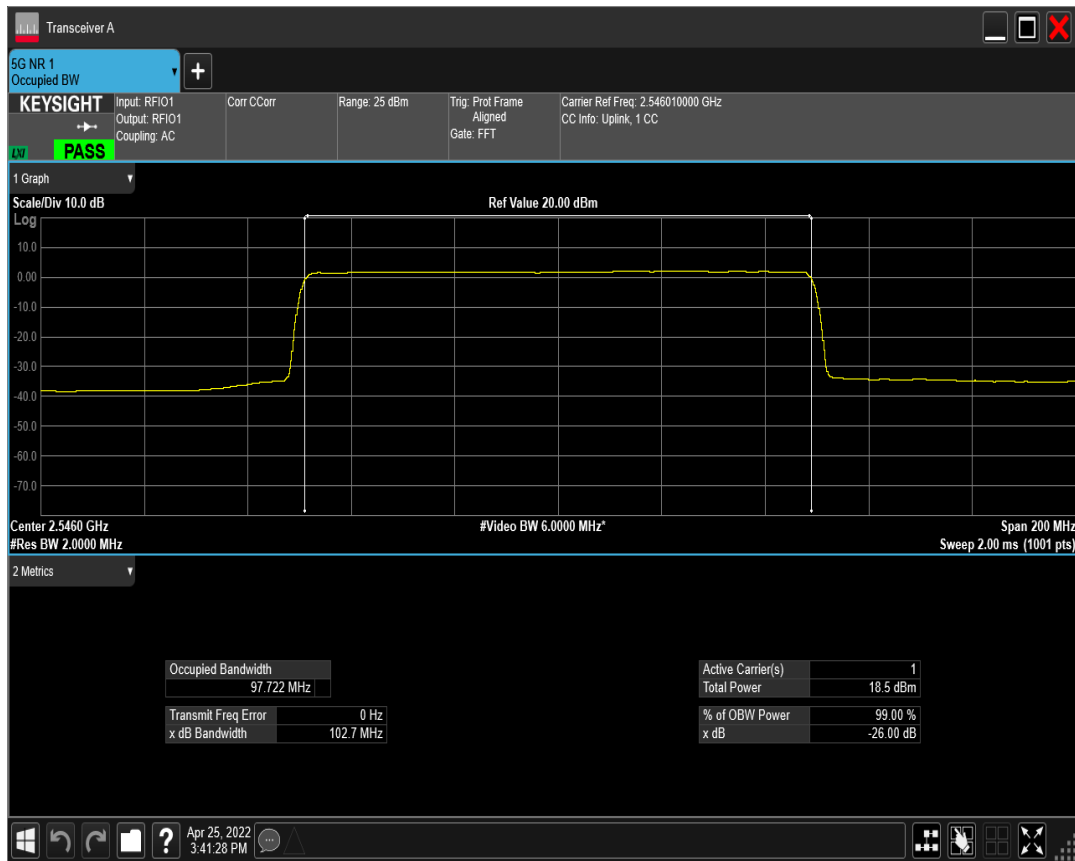




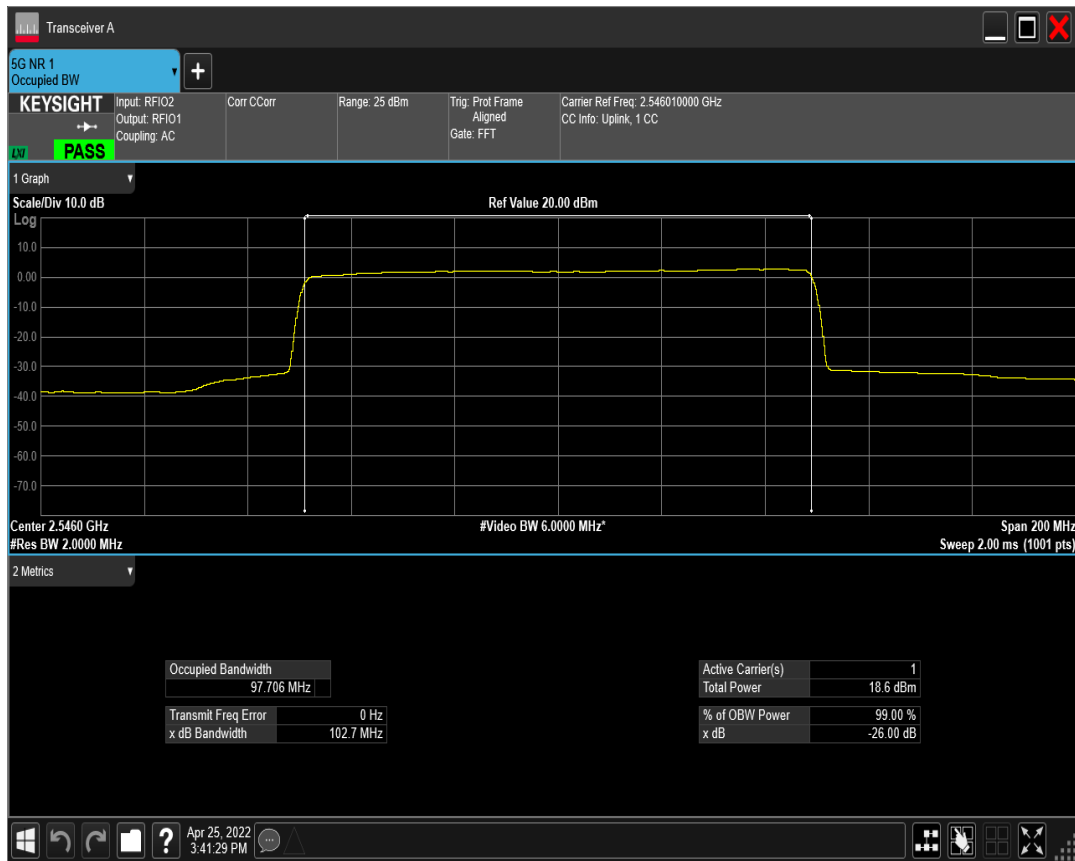
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



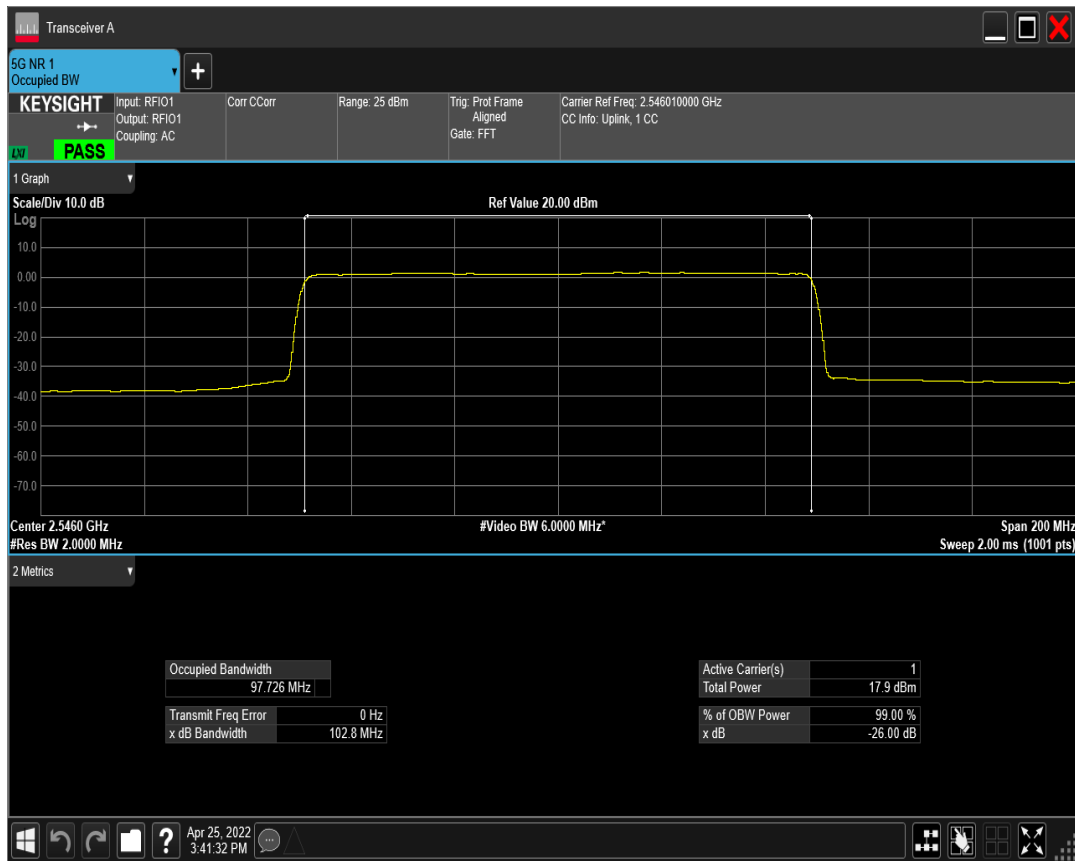
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=509202 RB=273@0 ant1



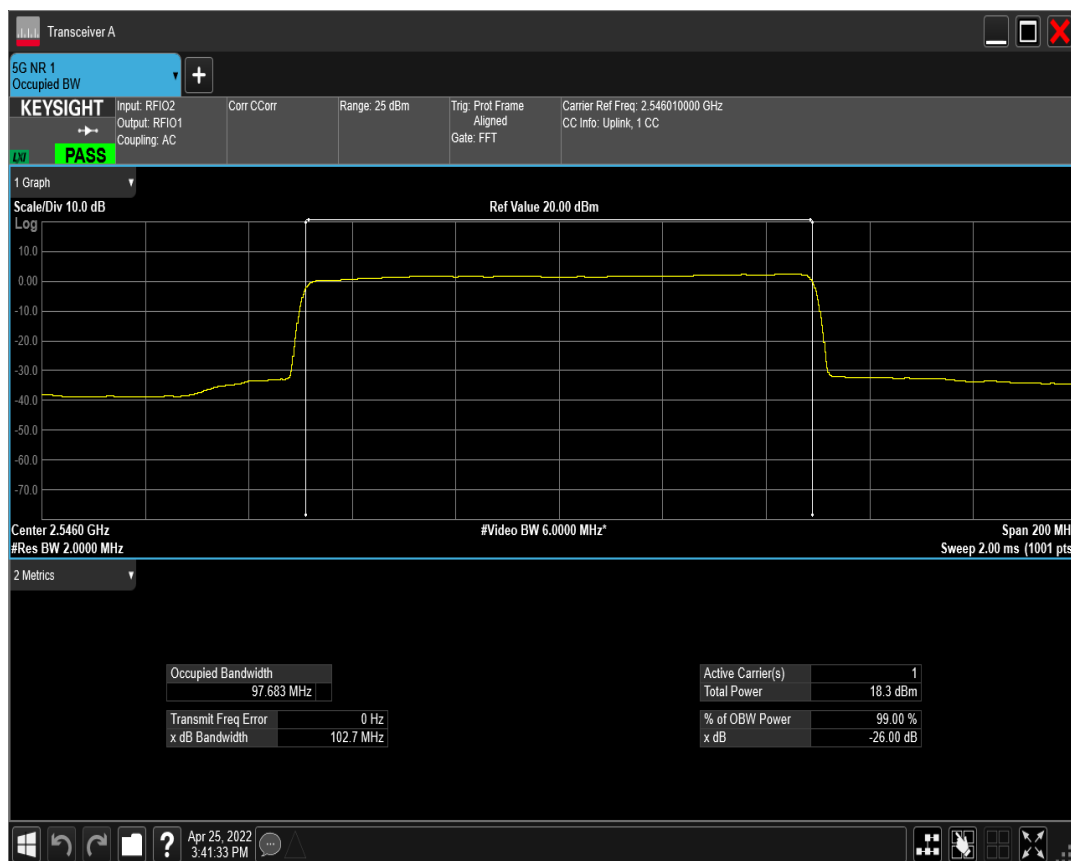
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=509202 RB=273@0 ant2



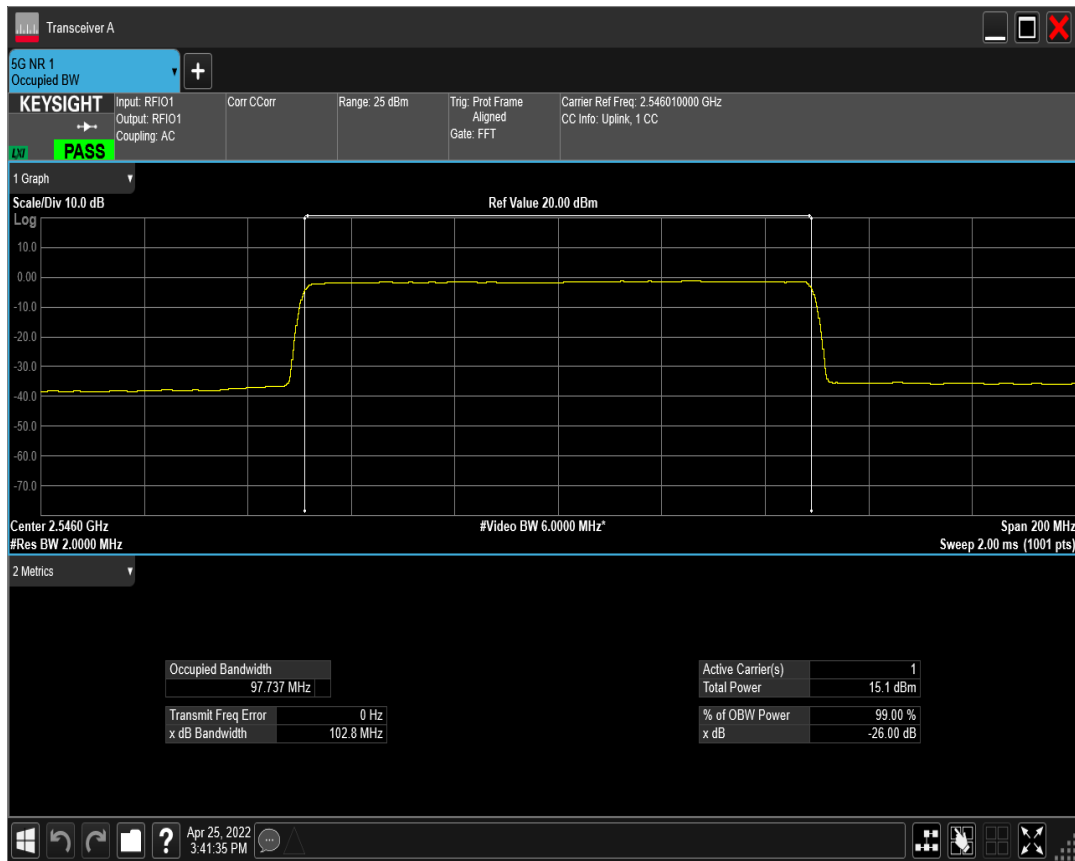
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=509202 RB=273@0 ant1



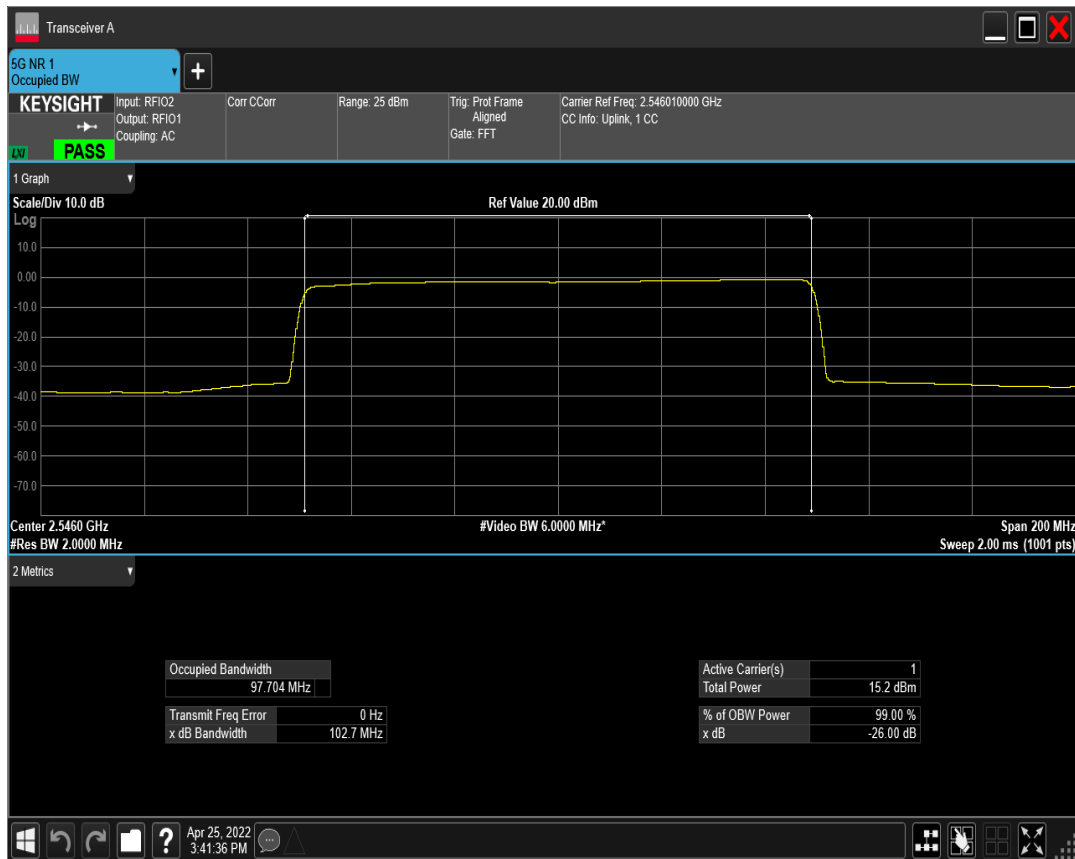
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=509202 RB=273@0 ant2



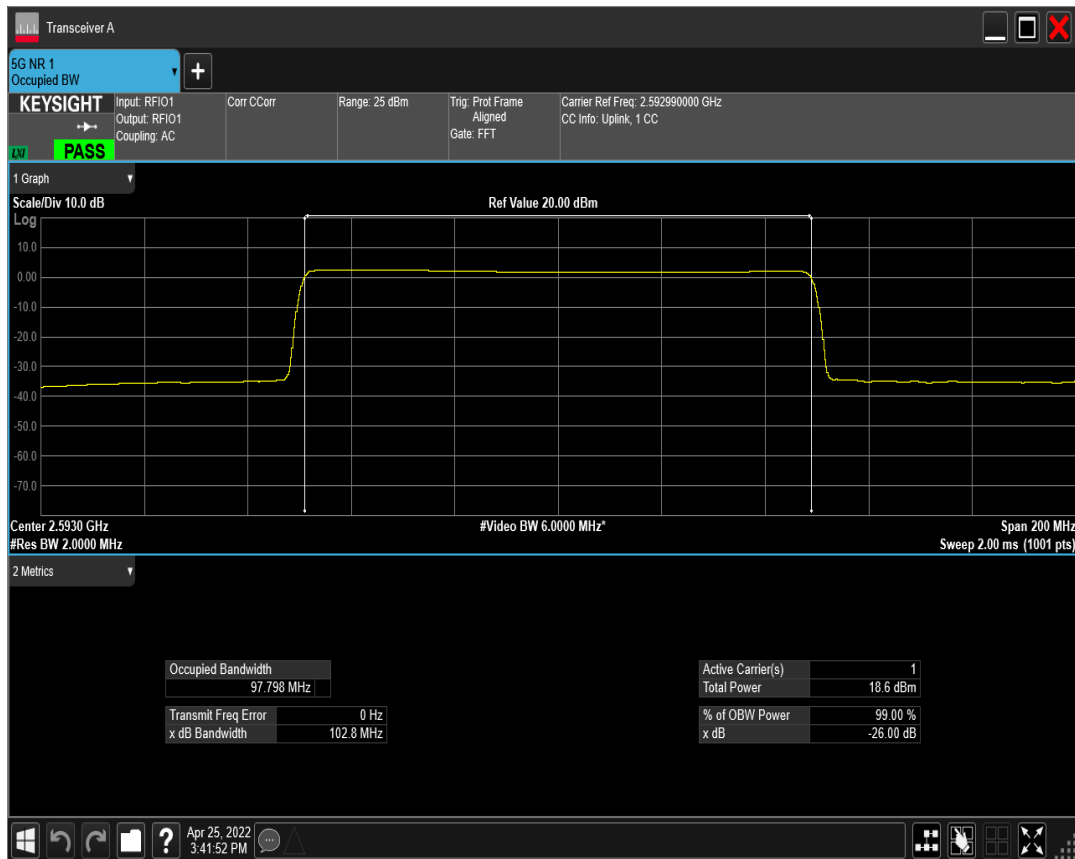
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant1



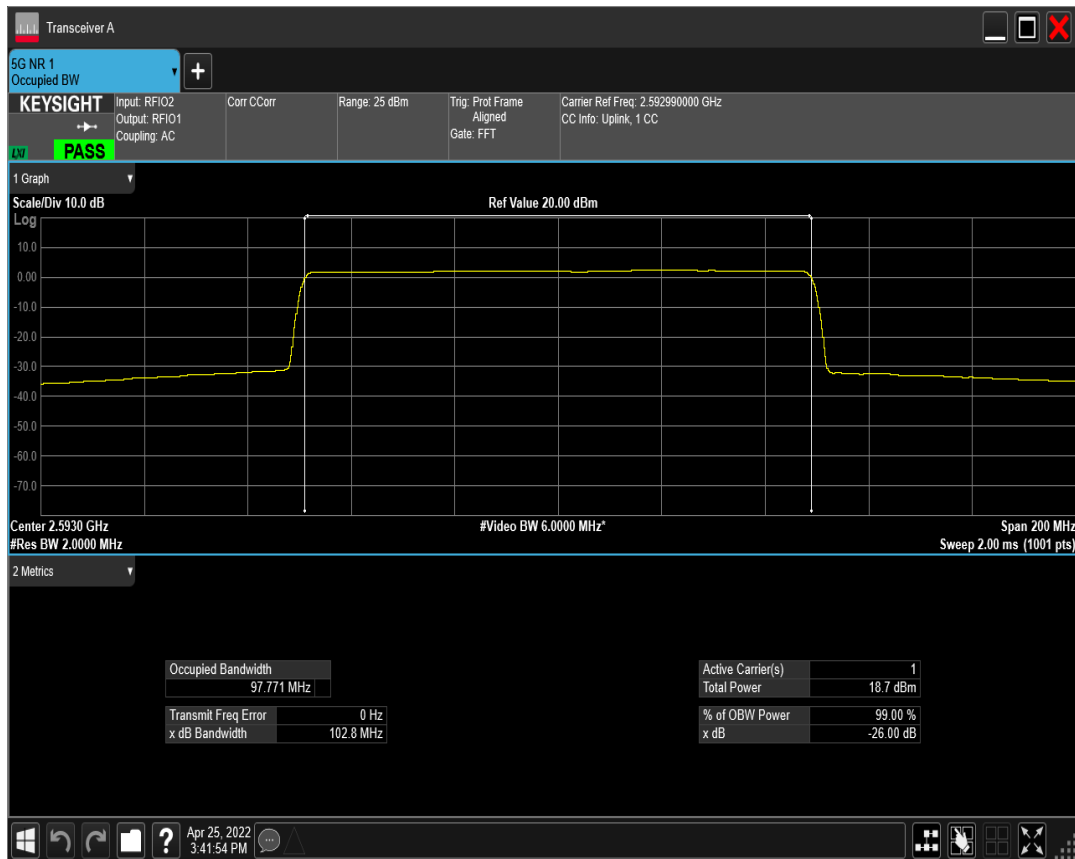
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=509202 RB=273@0 ant2



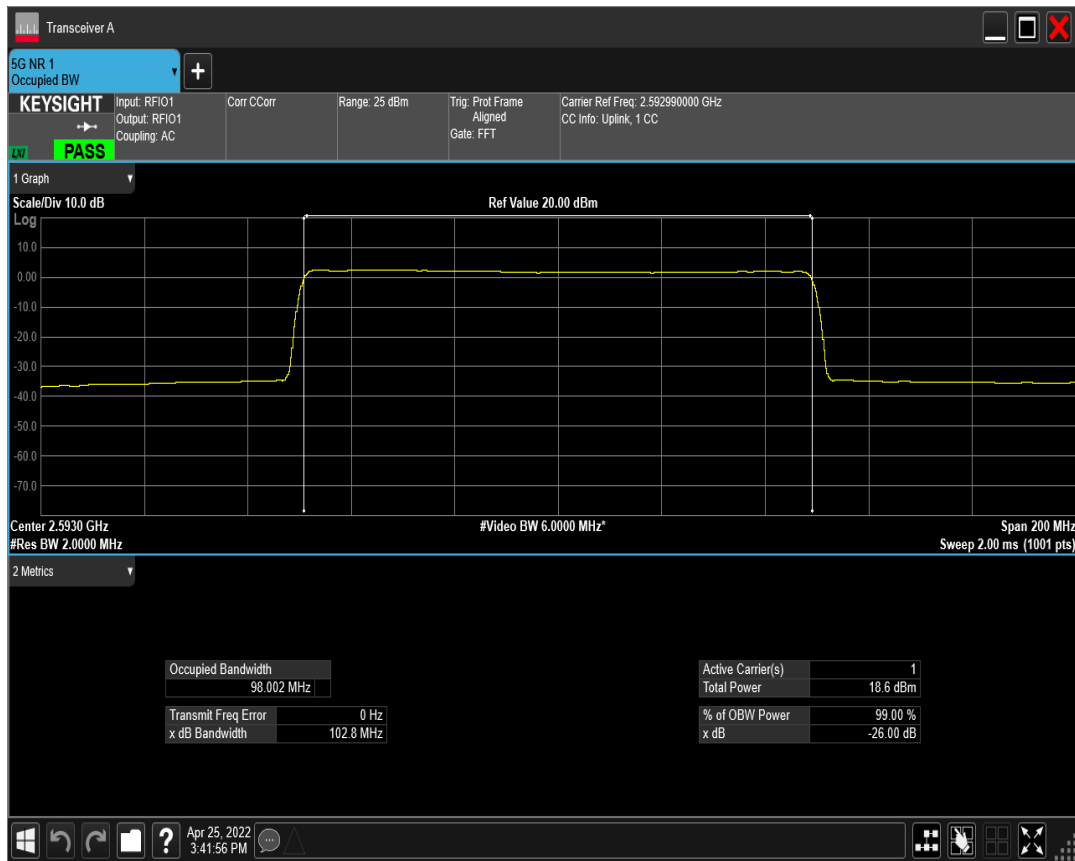
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant1



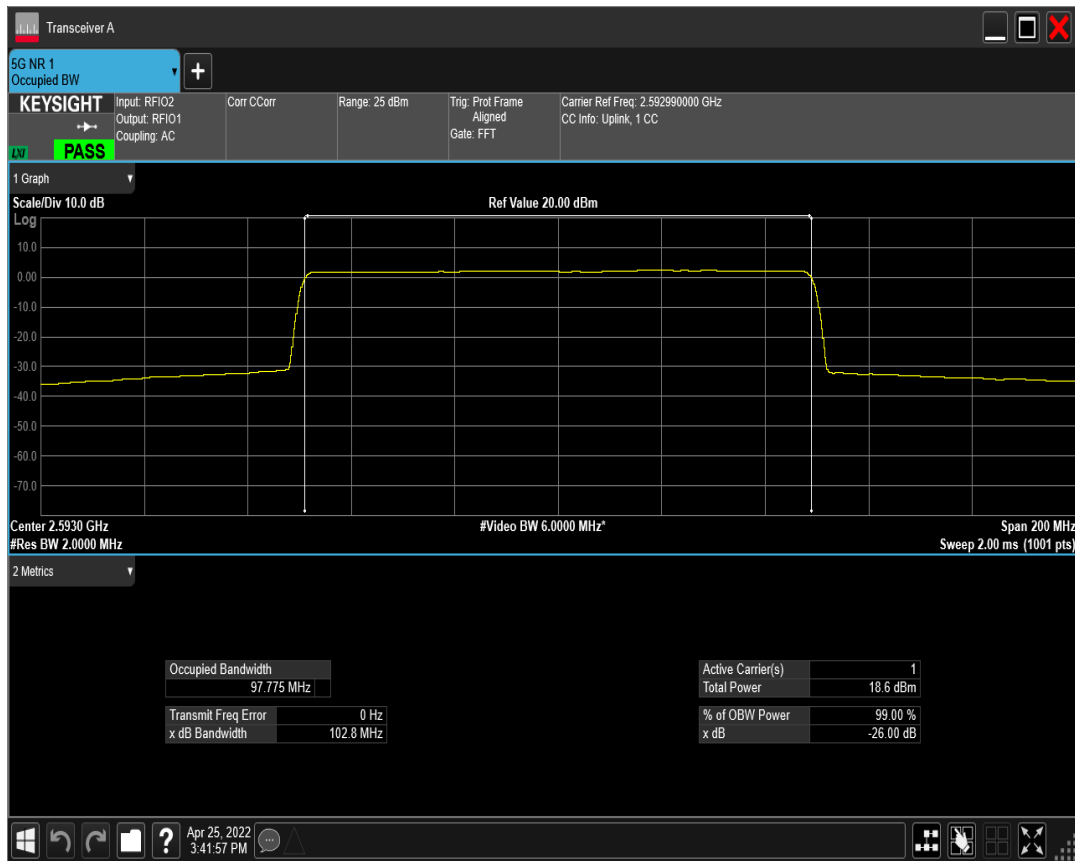
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=518598 RB=273@0 ant2



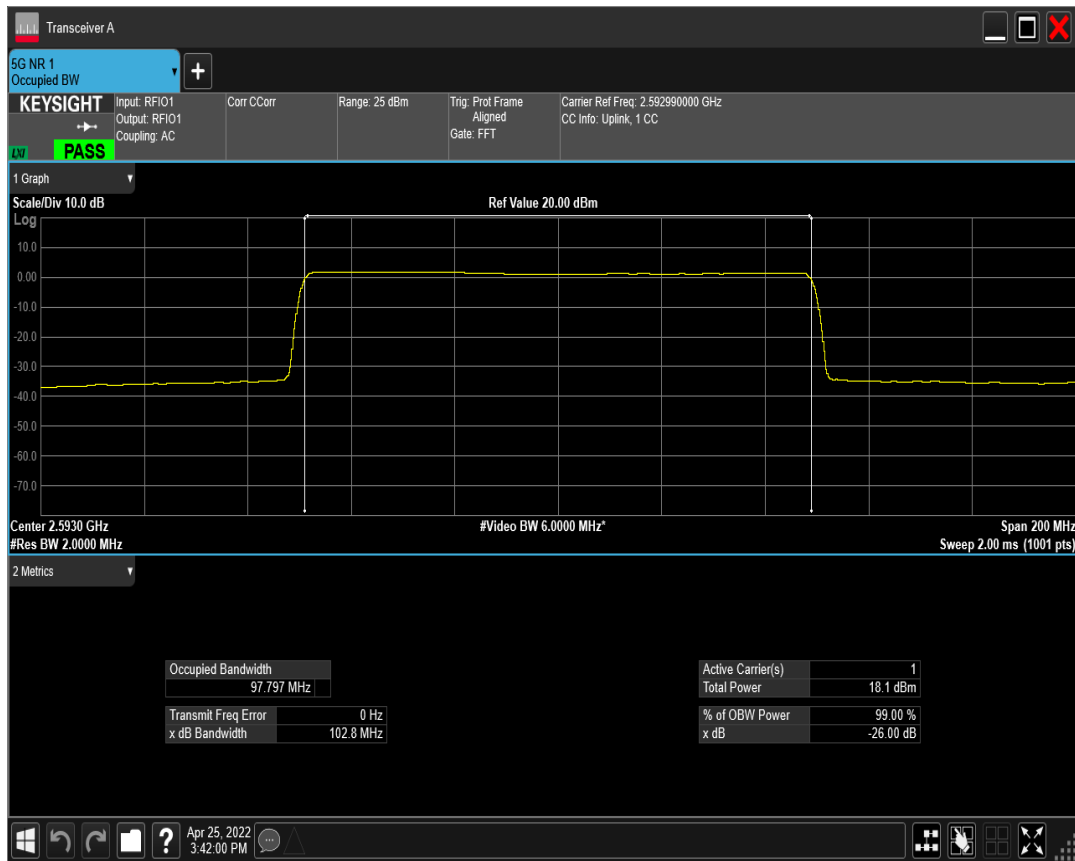
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=518598 RB=273@0 ant1



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



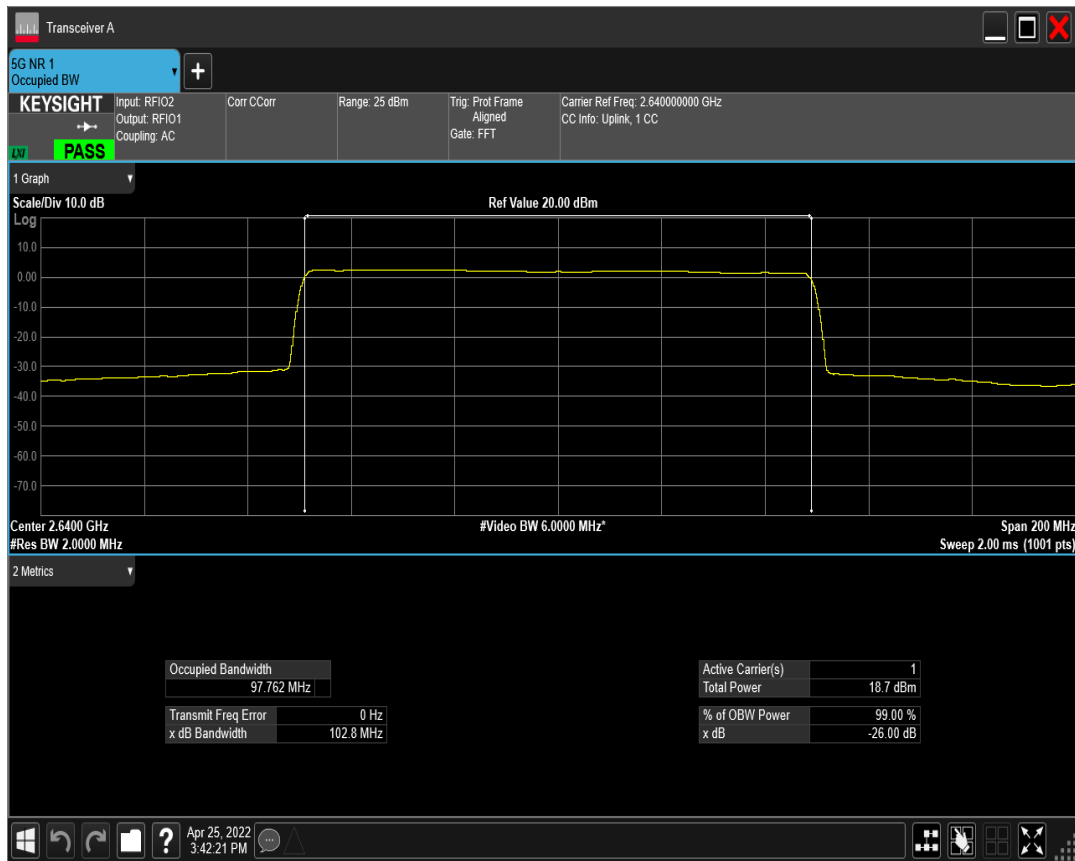
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=518598 RB=273@0 ant2



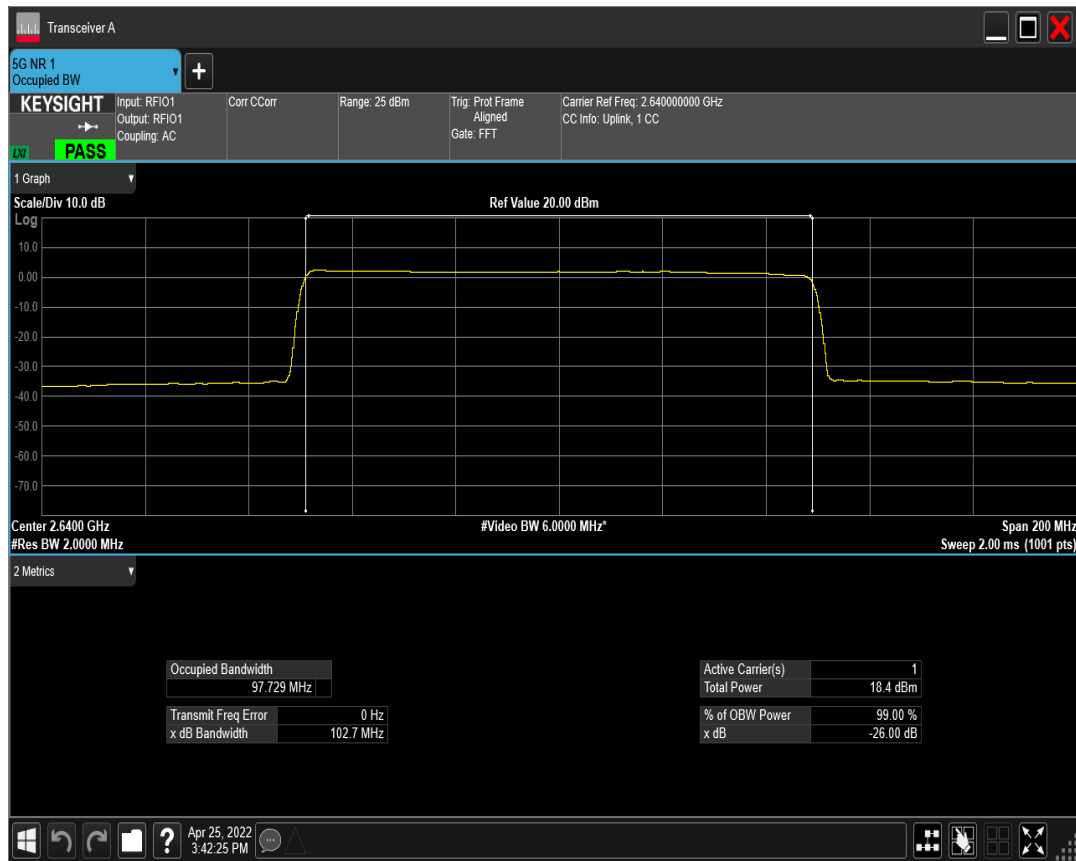
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



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



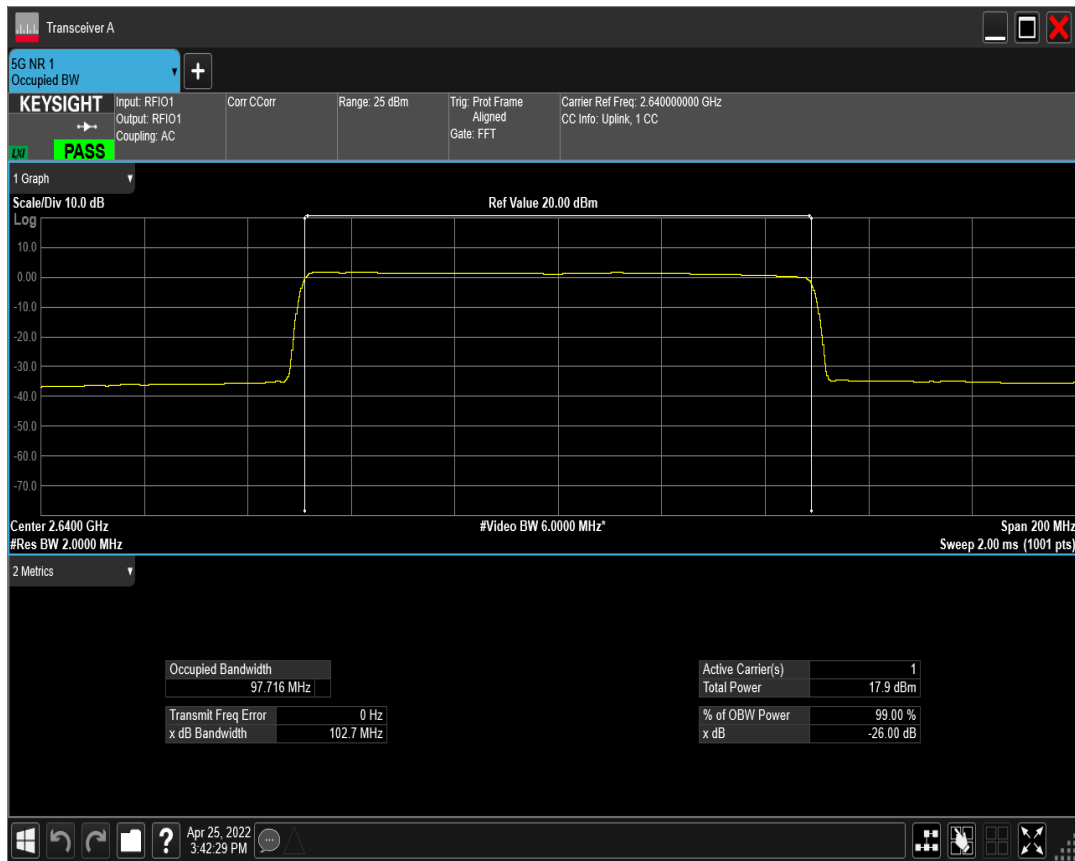
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=528000 RB=273@0 ant1



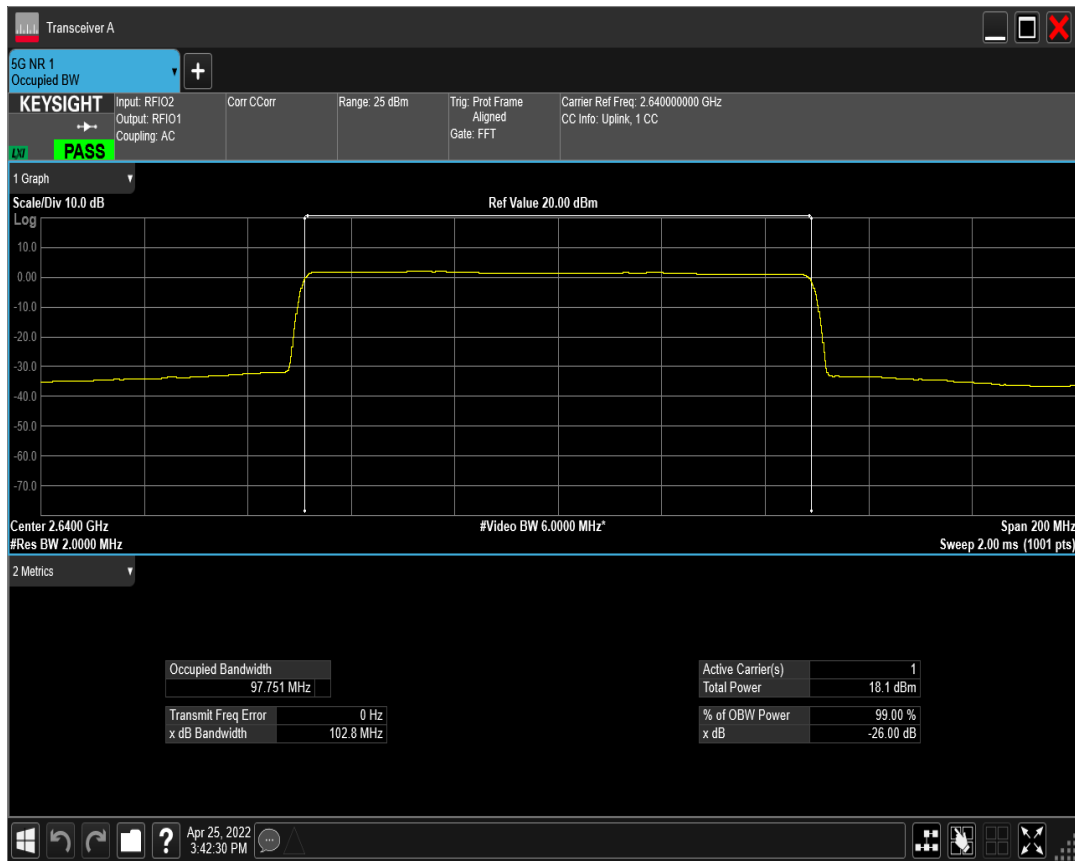
n41 SCS=30kHz CP_QAM16 BW=100MHz Channel=528000 RB=273@0 ant2



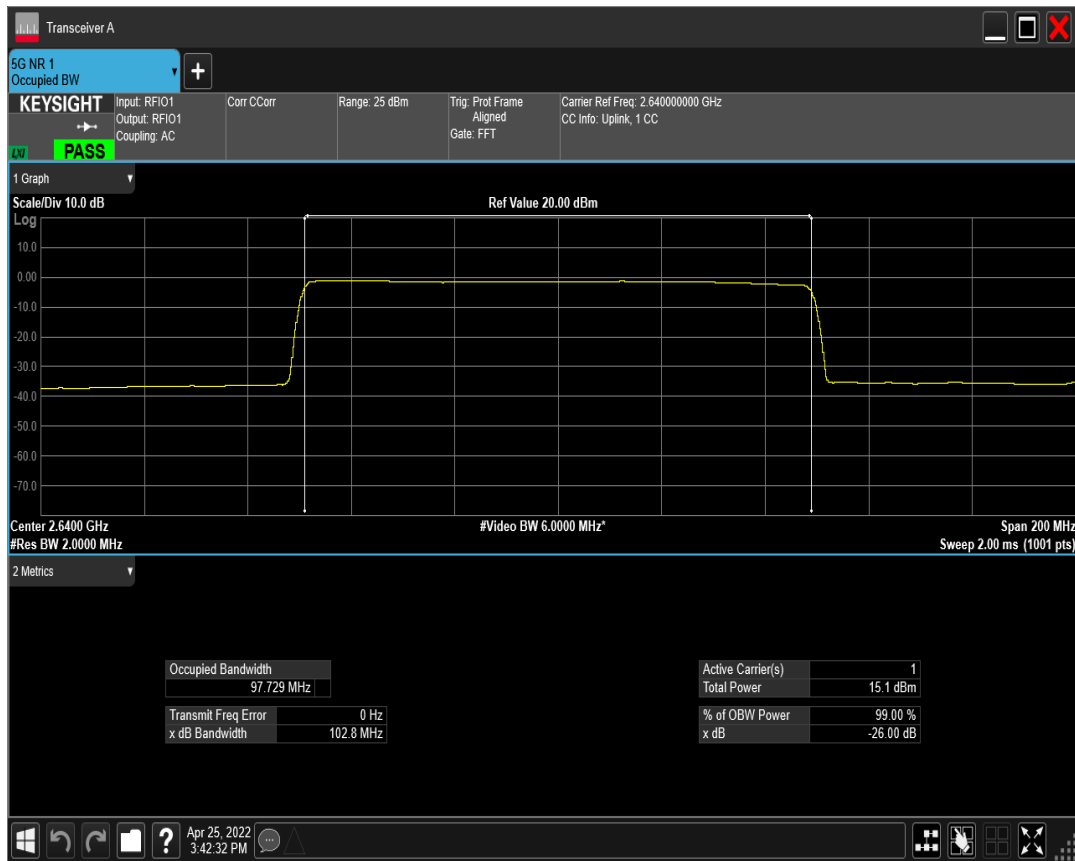
n41 SCS=30kHz CP_QAM64 BW=100MHz Channel=528000 RB=273@0 ant1



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



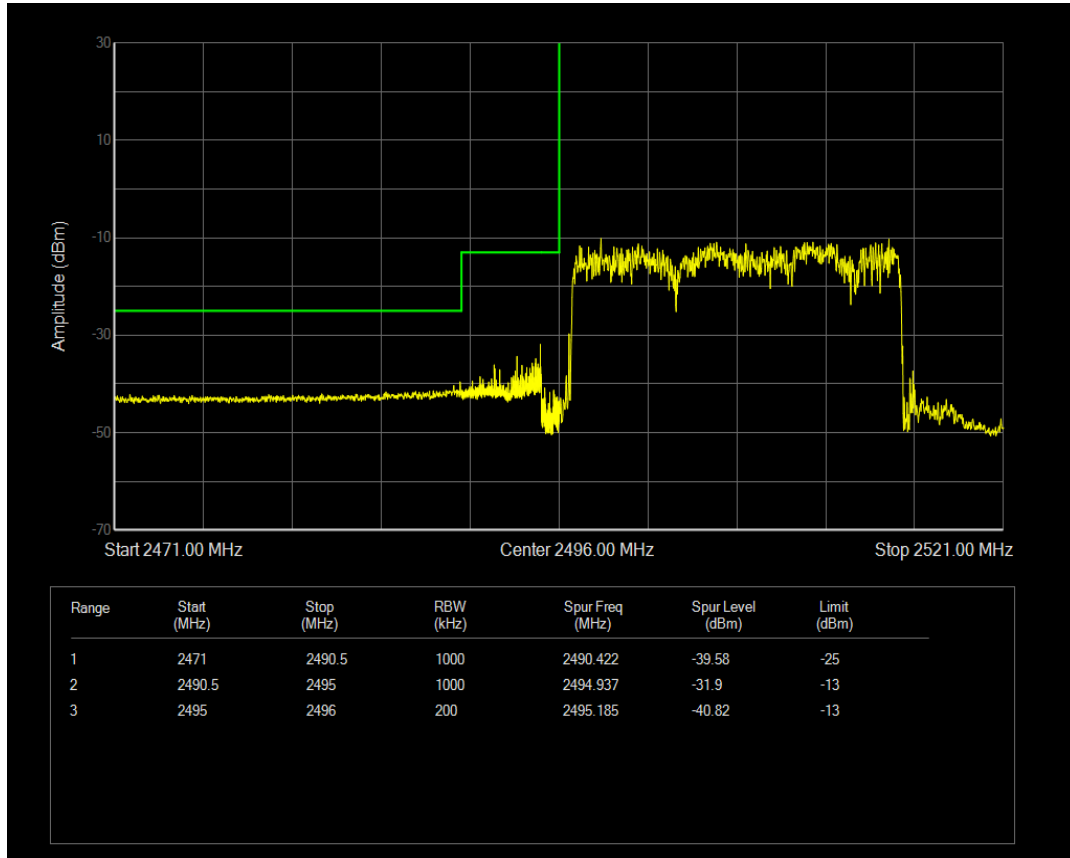
n41 SCS=30kHz CP_QAM256 BW=100MHz Channel=528000 RB=273@0 ant2



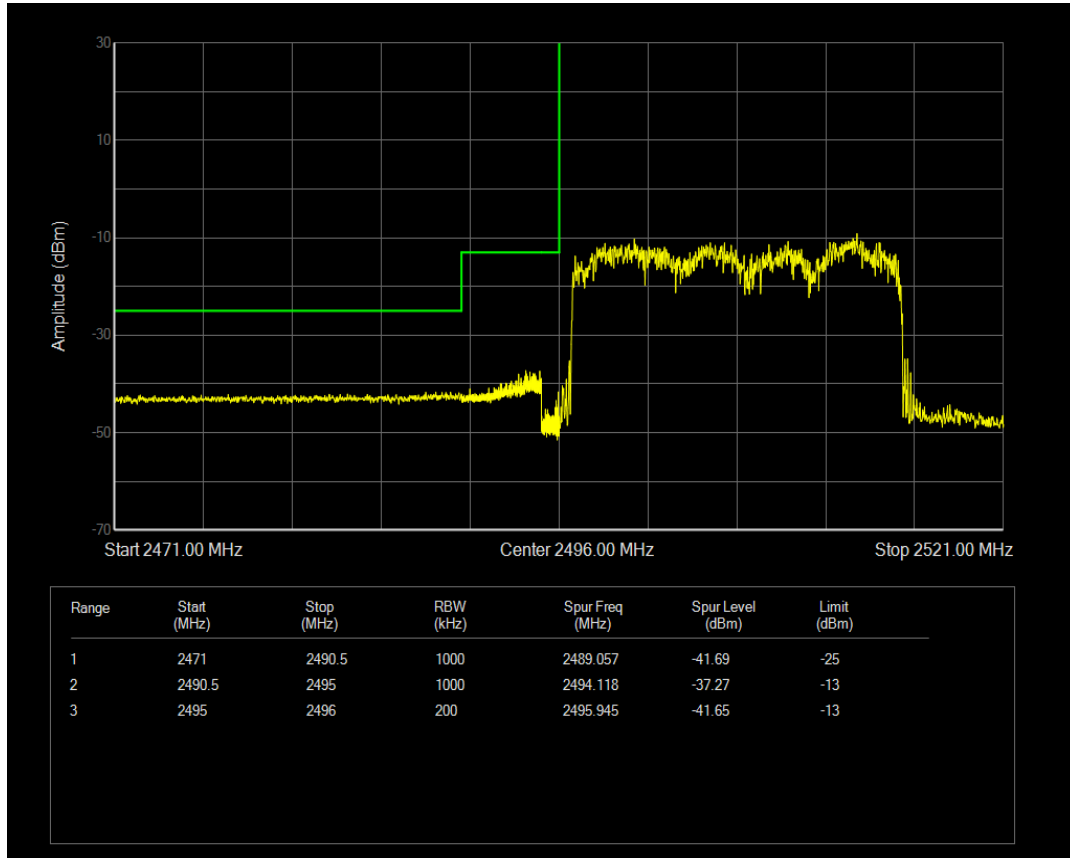
5 Band edge for NR FR1 UL-MIMO

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	2490.42	-39.58	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	2489.06	-41.69	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	2476.54	-42.17	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	2472.44	-42.15	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	2712.29	-42.00	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	2710.86	-41.52	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	2710.94	-41.91	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	2711.04	-42.07	-25	PASS
n41	ant1	30	100	509202	273@0	CP_QPSK	2490.02	-42.47	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	2484.88	-41.42	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	2469.11	-42.12	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	2479.27	-42.19	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	2804.18	-41.95	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	2796.20	-42.33	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	2804.65	-42.07	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	2804.20	-42.10	-25	PASS

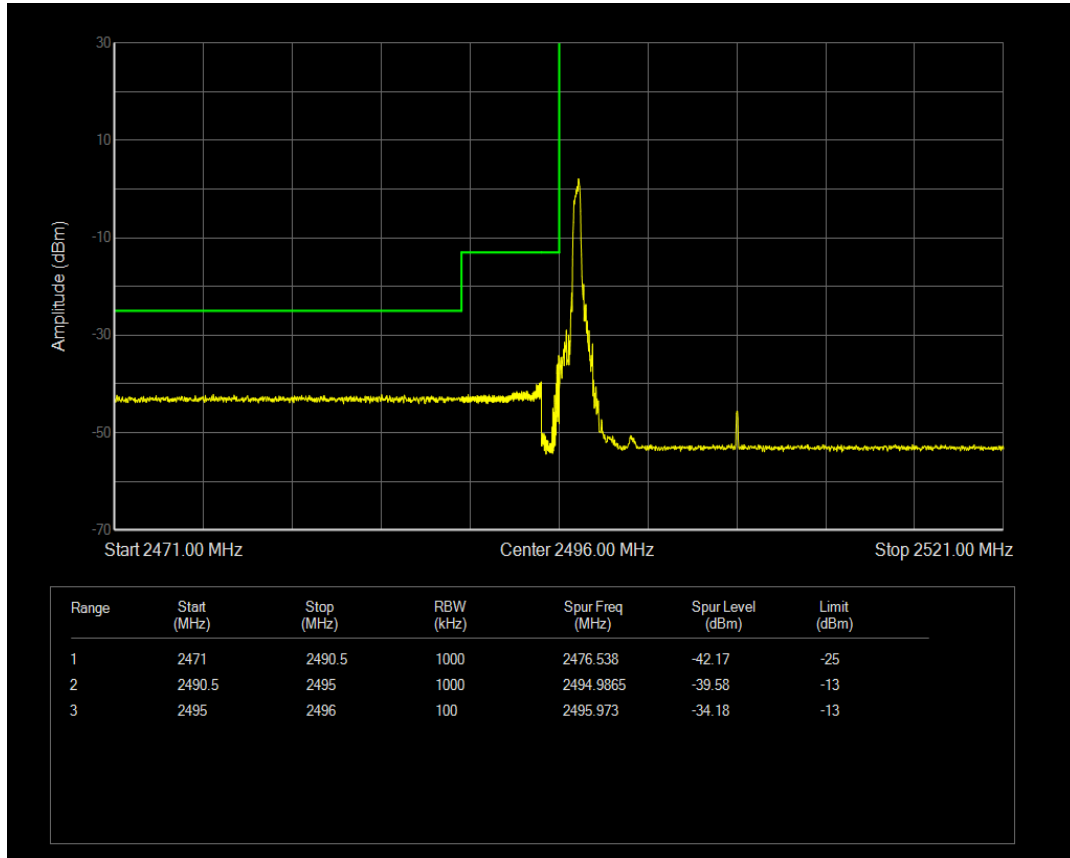
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant1



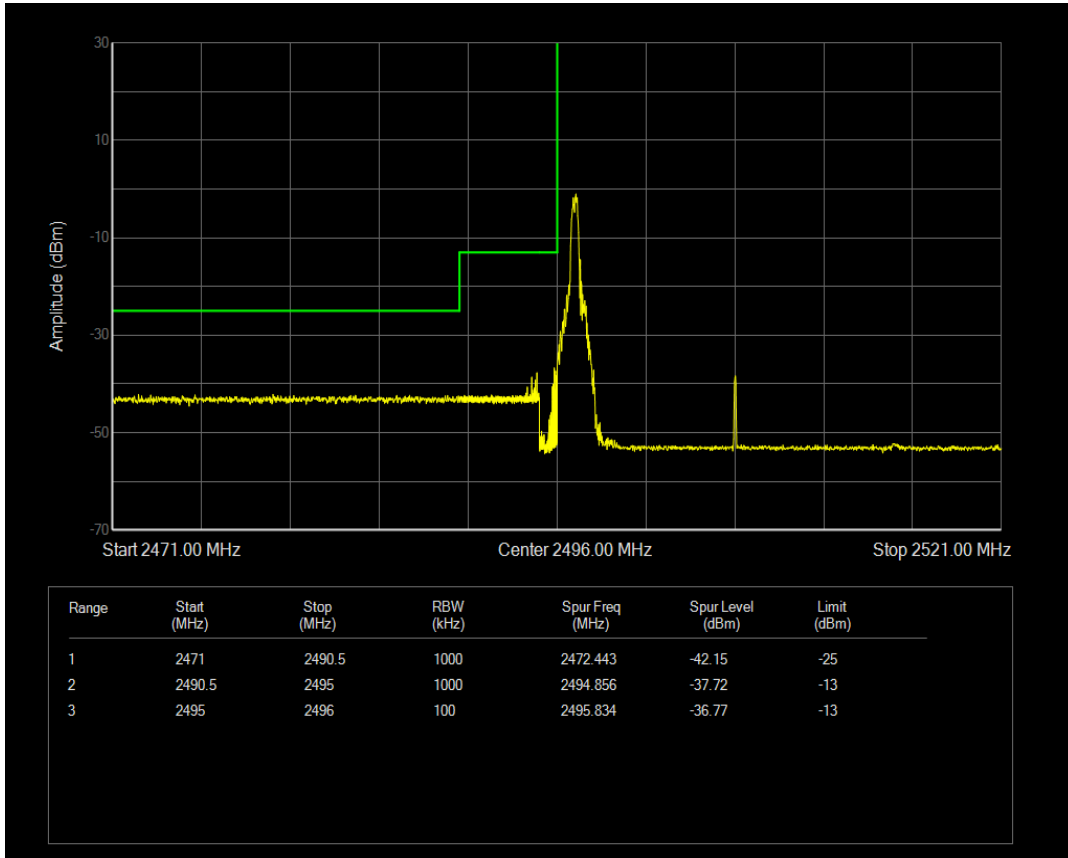
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0 ant2



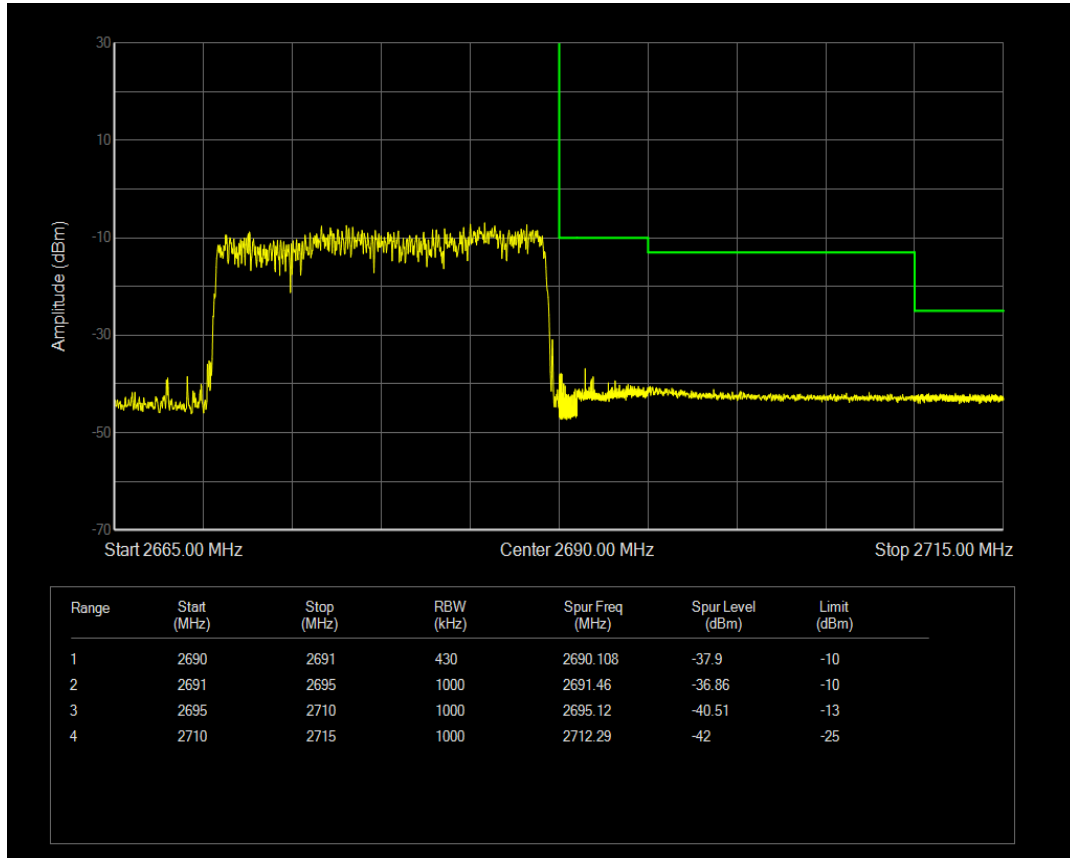
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant1



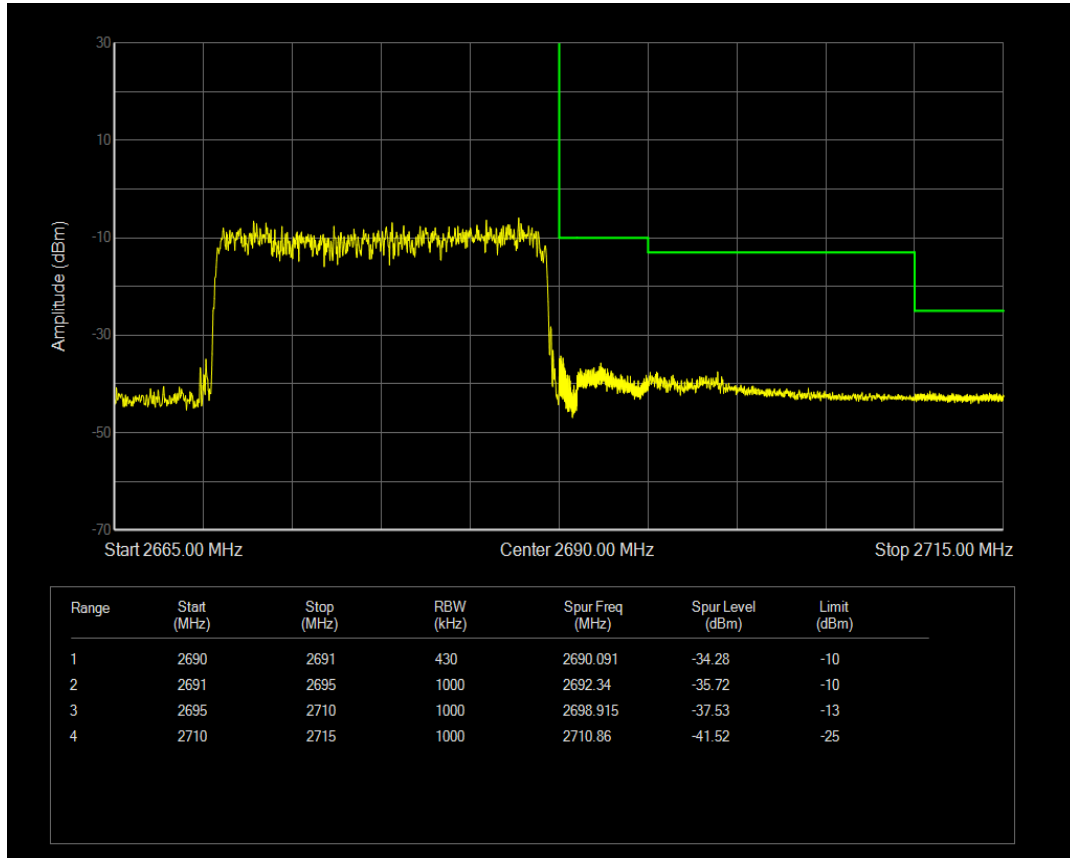
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0 ant2



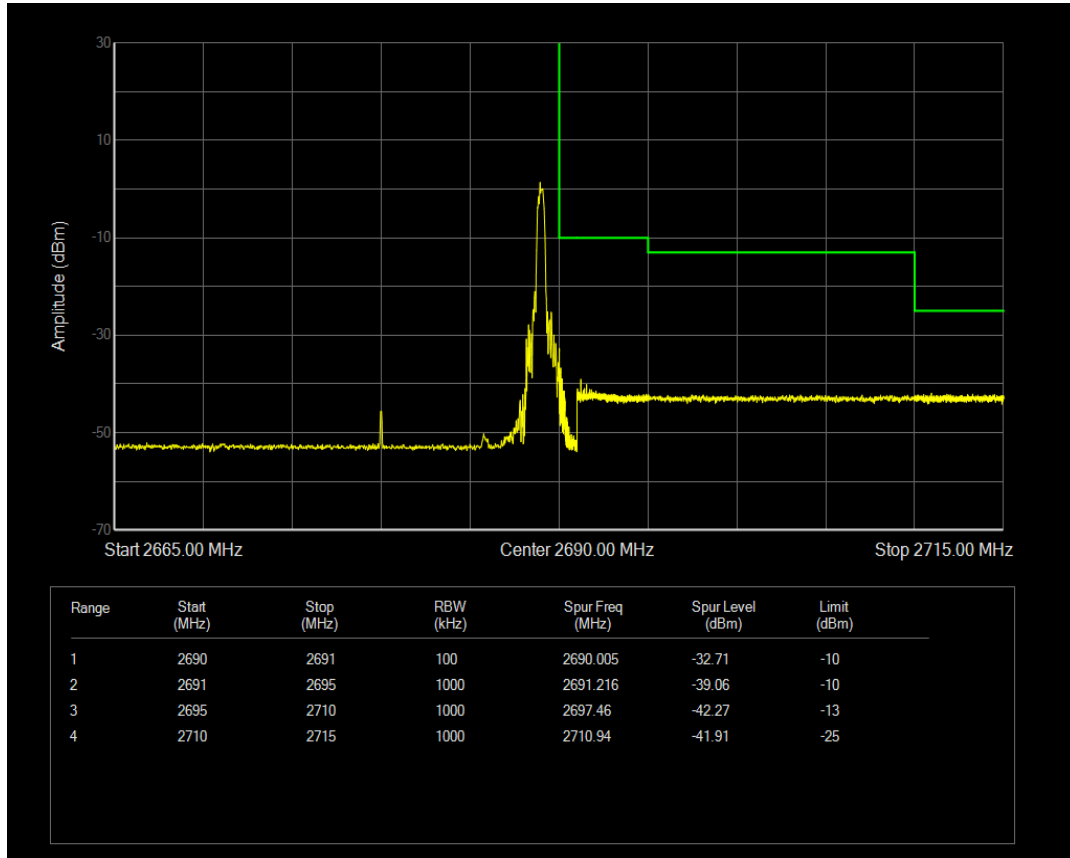
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant1



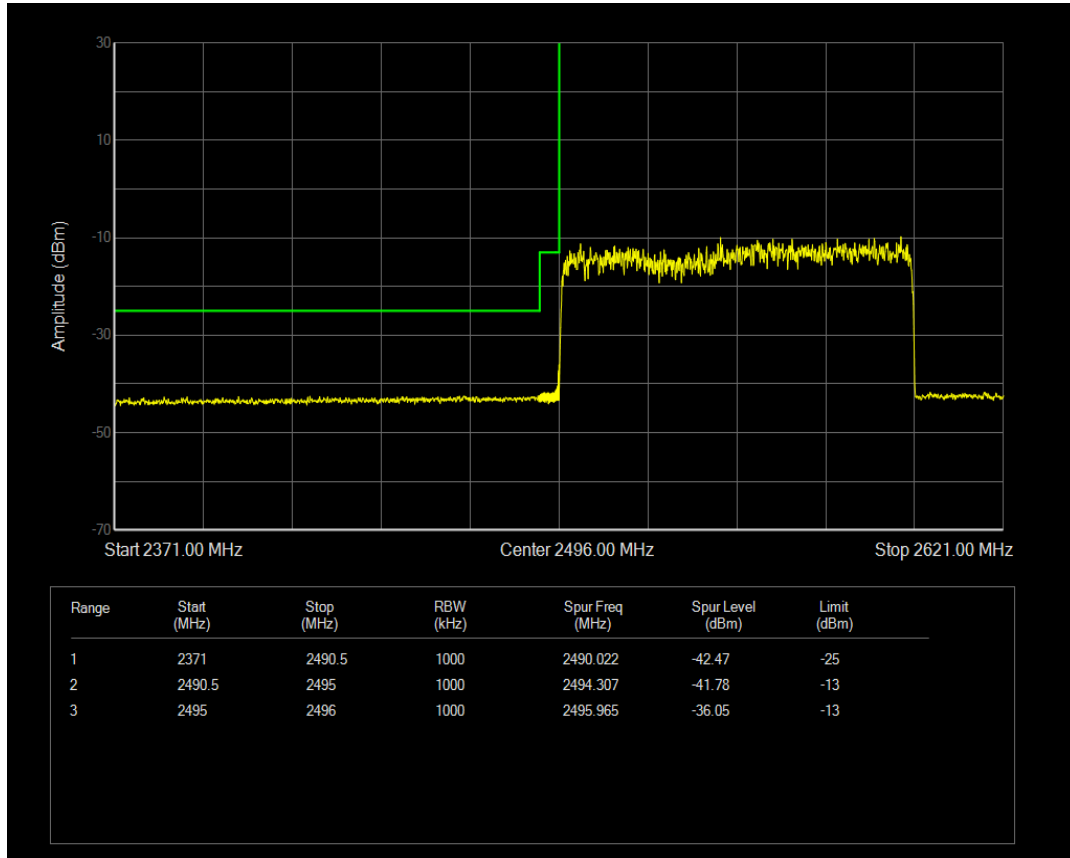
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0 ant2



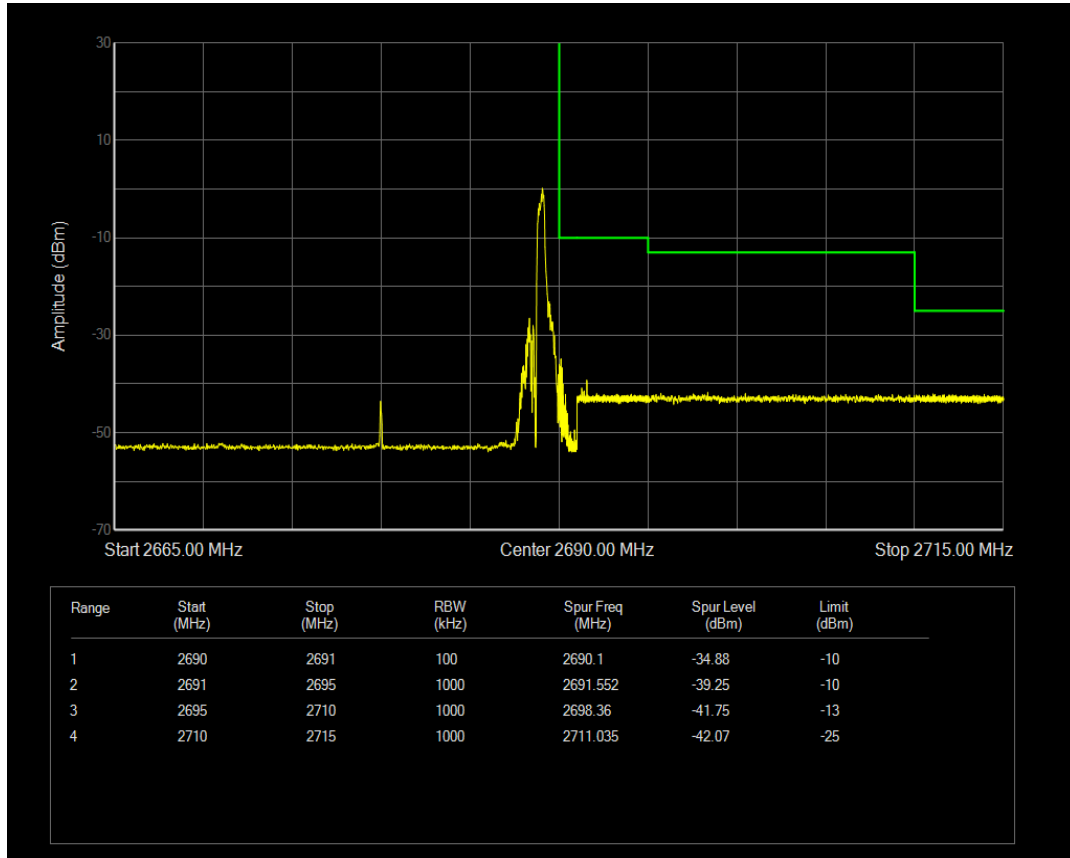
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant1



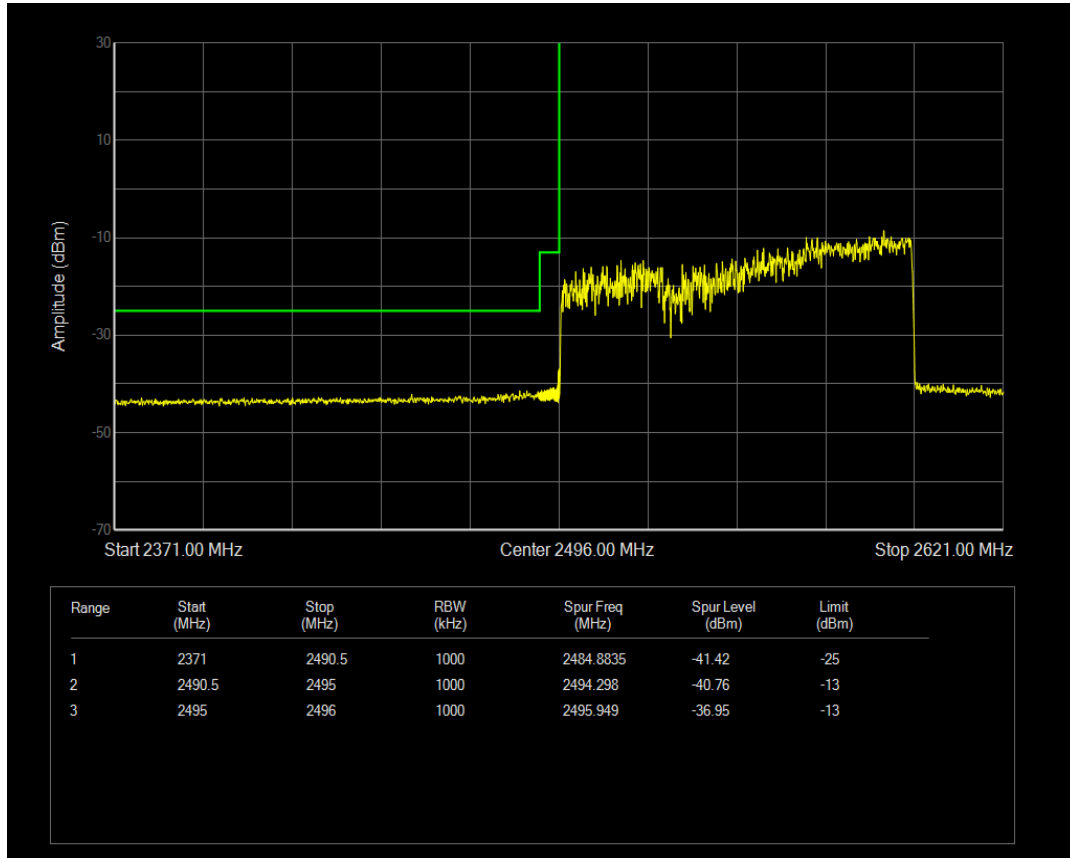
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant1



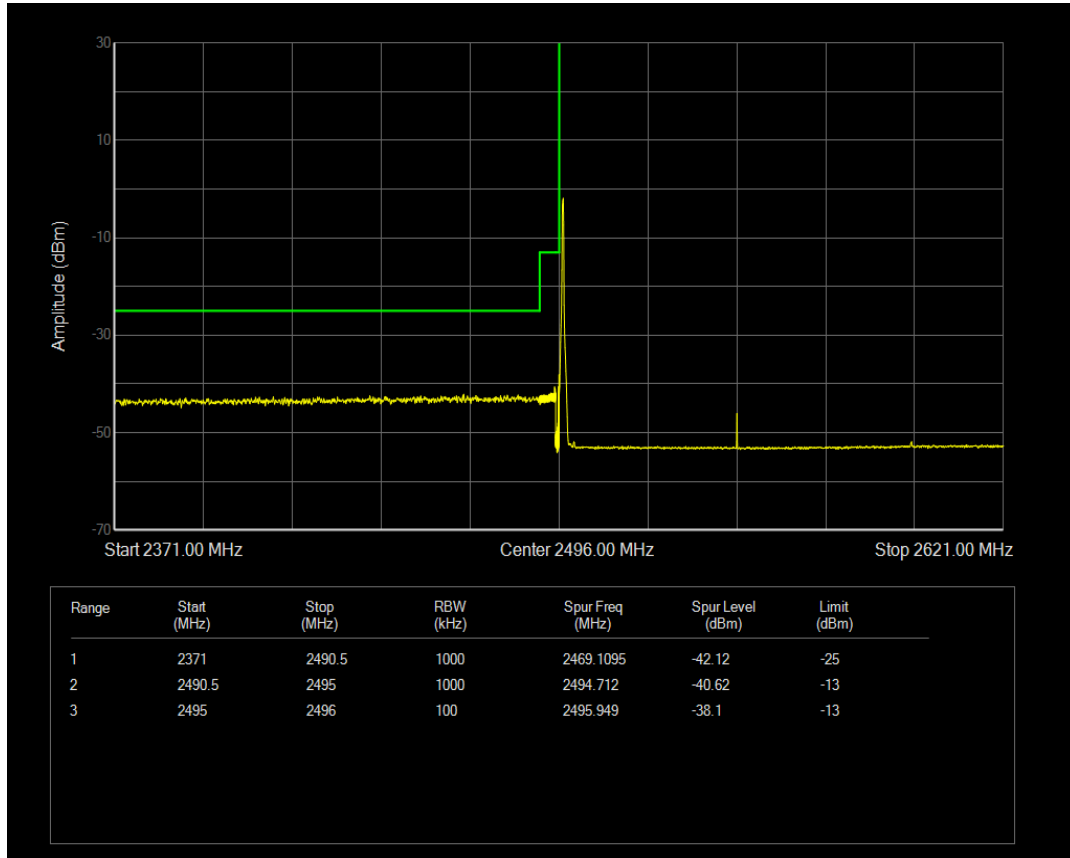
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50 ant2



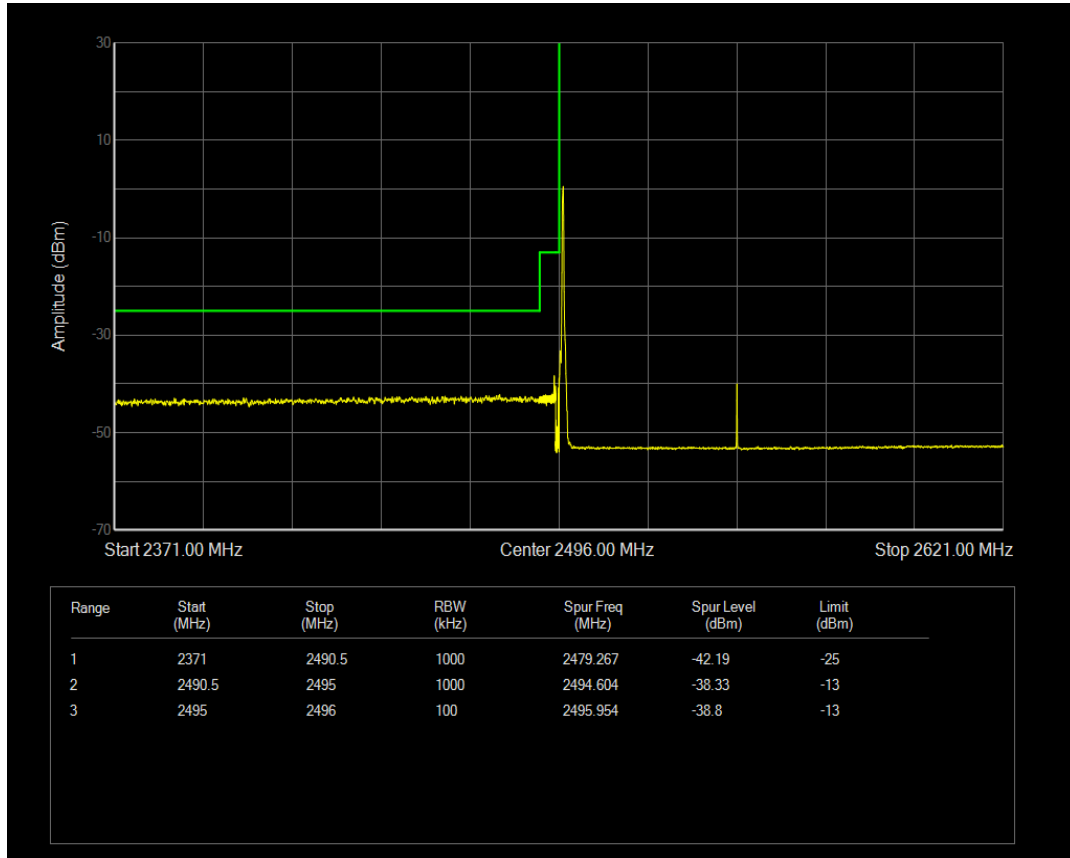
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0 ant2



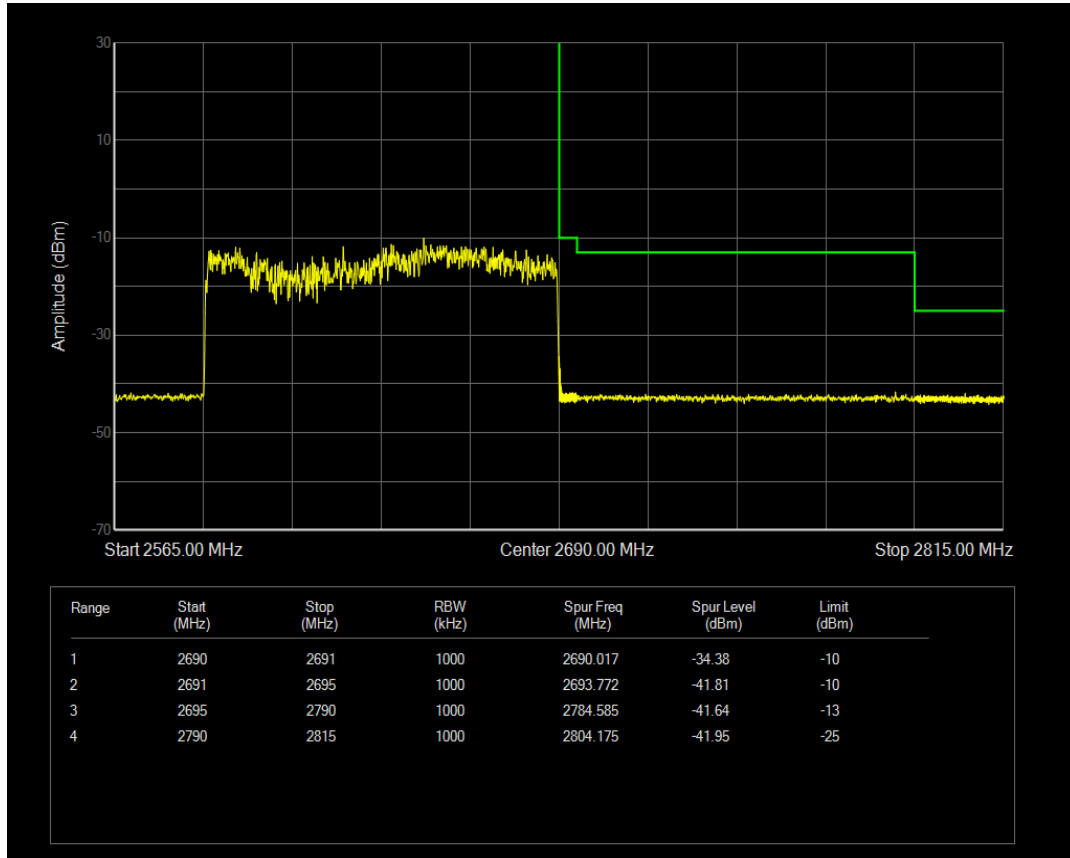
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant1



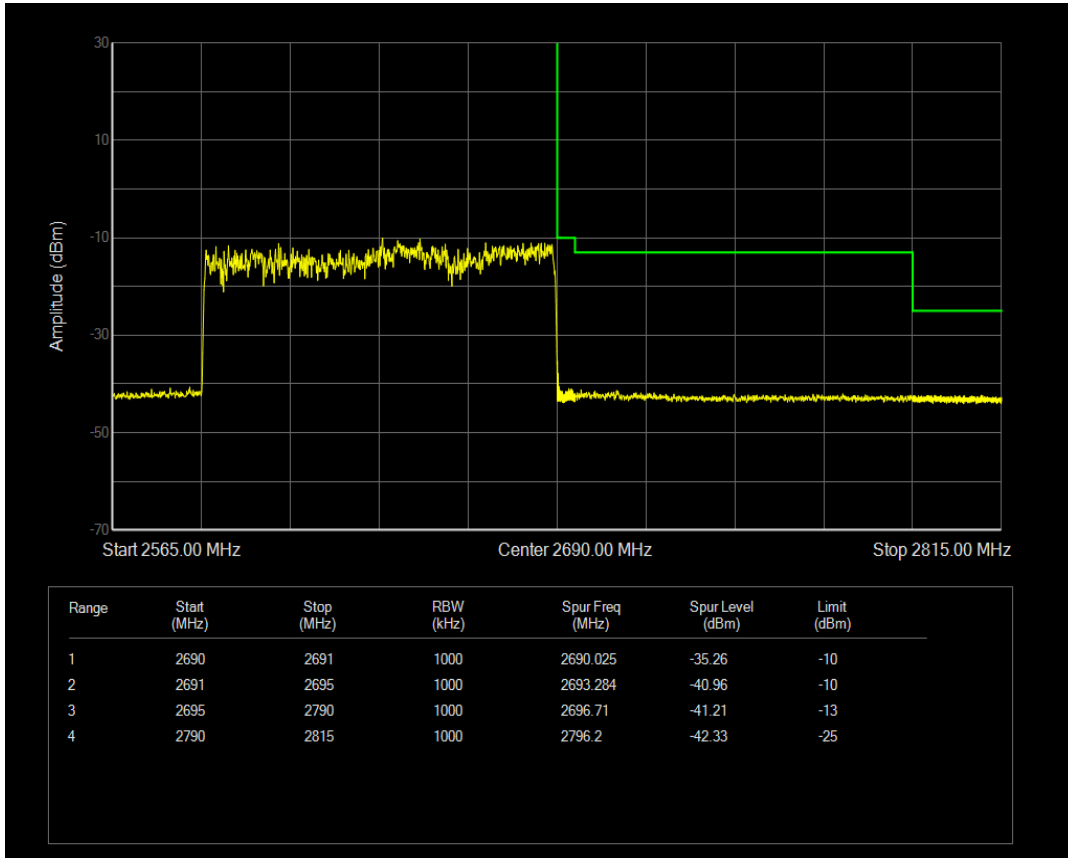
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0 ant2



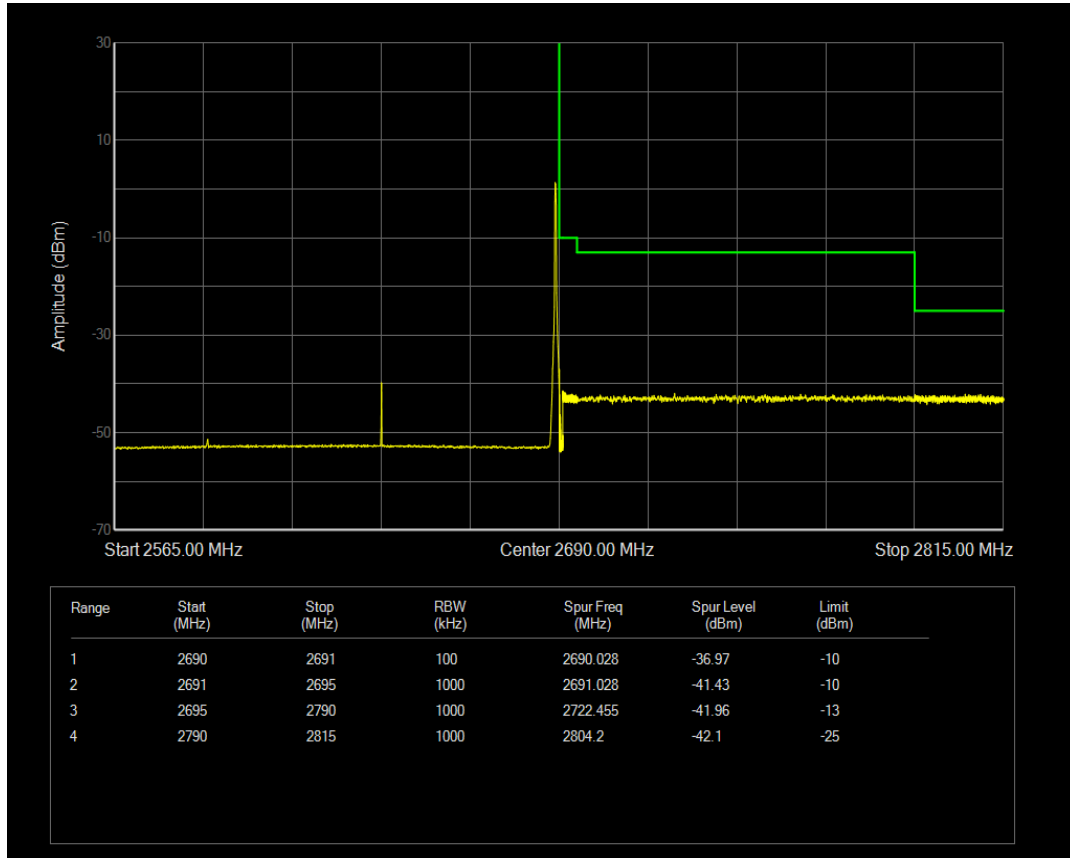
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant1



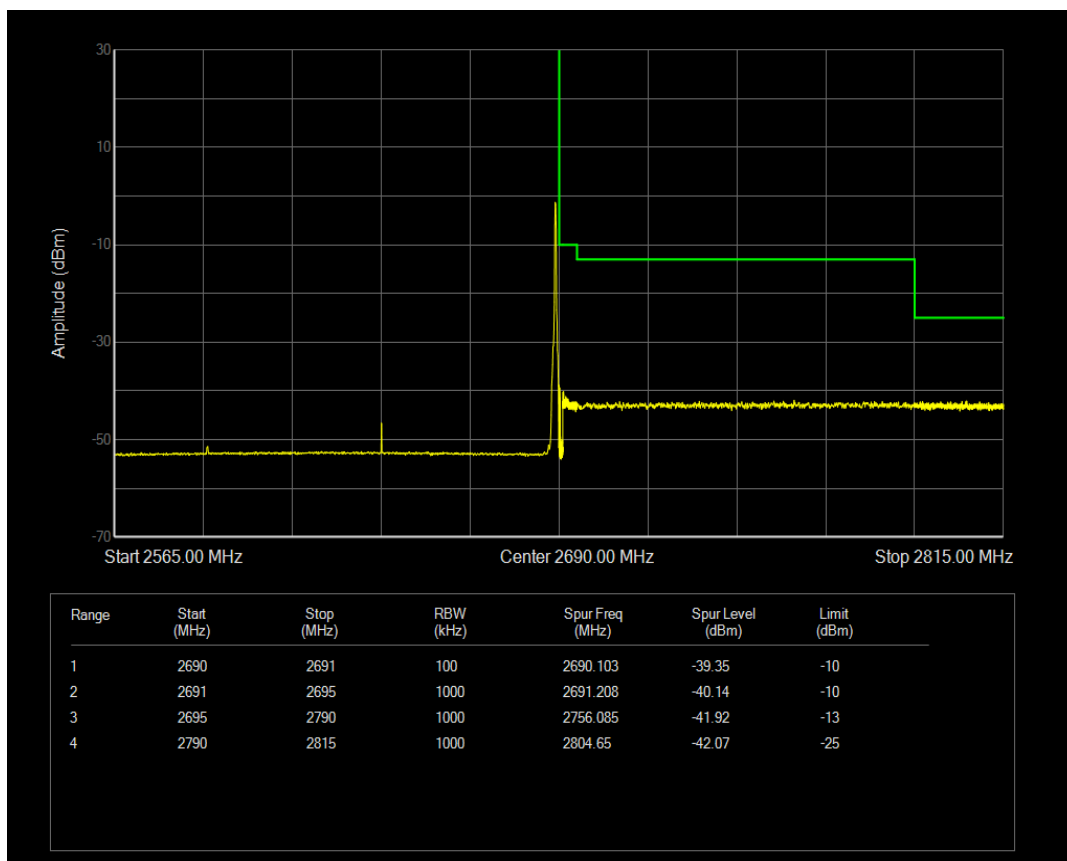
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0 ant2



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



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

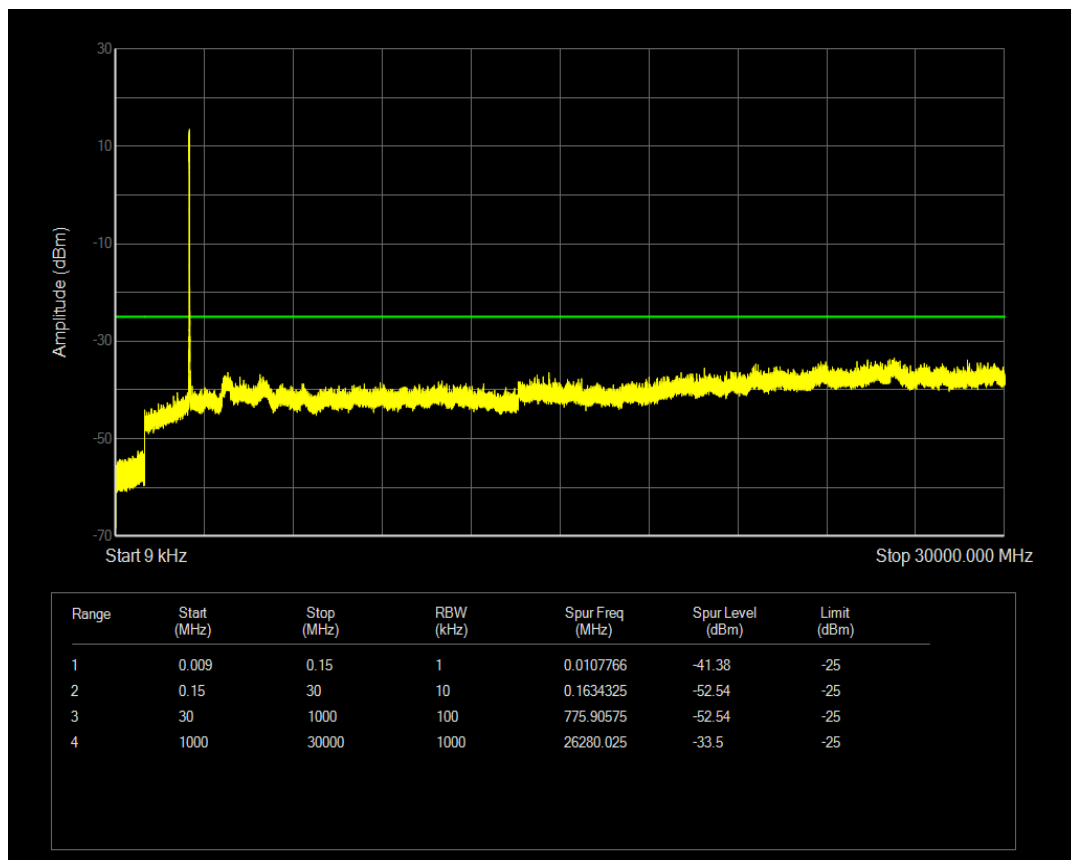


6 Out-of-band emissions for NR FR1 UL-MIMO

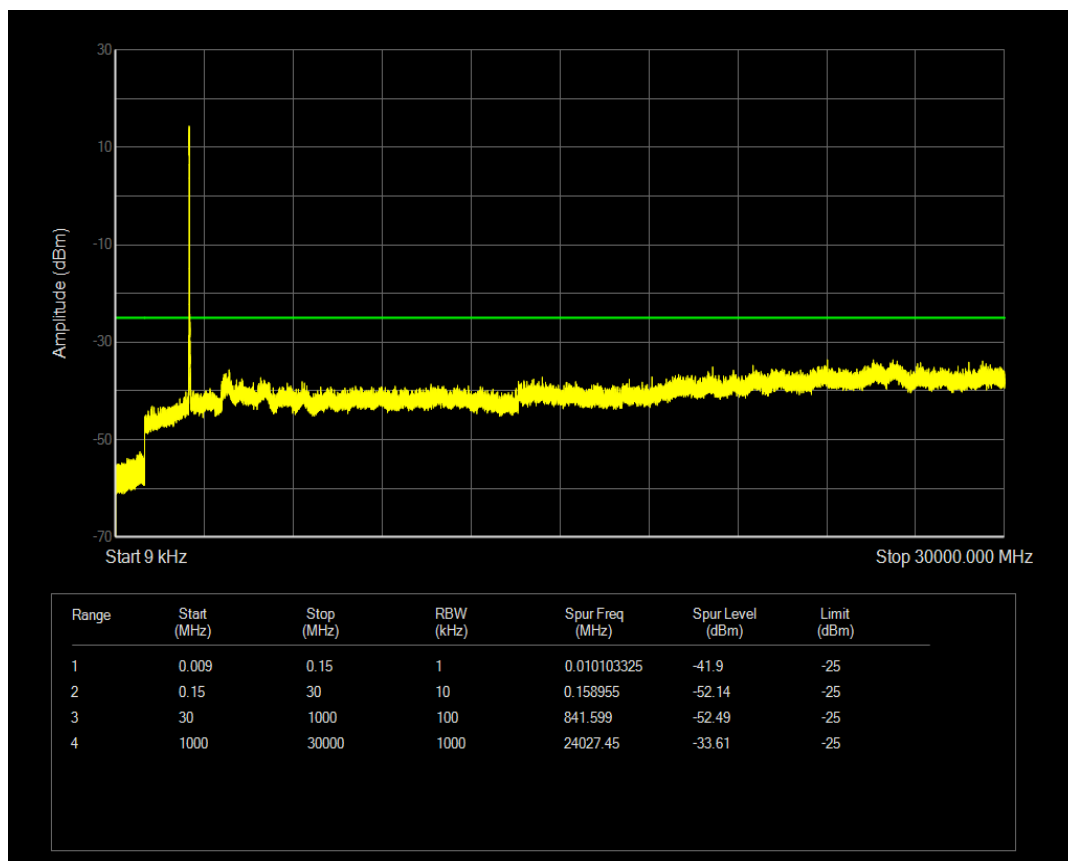
Band	Ant	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	ant1	30	20	501204	51@0	CP_QPSK	26280.03	-33.50	-25	PASS
n41	ant2	30	20	501204	51@0	CP_QPSK	24027.45	-33.61	-25	PASS
n41	ant1	30	20	501204	1@0	CP_QPSK	26189.40	-33.09	-25	PASS
n41	ant2	30	20	501204	1@0	CP_QPSK	25496.30	-33.11	-25	PASS
n41	ant1	30	20	501204	1@50	CP_QPSK	26261.18	-33.20	-25	PASS
n41	ant2	30	20	501204	1@50	CP_QPSK	29760.75	-32.91	-25	PASS
n41	ant1	30	20	518598	51@0	CP_QPSK	26201.73	-32.47	-25	PASS
n41	ant2	30	20	518598	51@0	CP_QPSK	26232.18	-31.92	-25	PASS
n41	ant1	30	20	518598	1@0	CP_QPSK	26233.63	-33.00	-25	PASS
n41	ant2	30	20	518598	1@0	CP_QPSK	26318.45	-32.69	-25	PASS
n41	ant1	30	20	518598	1@50	CP_QPSK	25533.28	-32.92	-25	PASS
n41	ant2	30	20	518598	1@50	CP_QPSK	26287.28	-33.08	-25	PASS
n41	ant1	30	20	535998	51@0	CP_QPSK	28004.80	-33.30	-25	PASS
n41	ant2	30	20	535998	51@0	CP_QPSK	26215.50	-31.91	-25	PASS
n41	ant1	30	20	535998	1@0	CP_QPSK	26301.78	-32.23	-25	PASS
n41	ant2	30	20	535998	1@0	CP_QPSK	25747.88	-33.49	-25	PASS
n41	ant1	30	20	535998	1@50	CP_QPSK	26311.20	-32.62	-25	PASS
n41	ant2	30	20	535998	1@50	CP_QPSK	26402.55	-33.40	-25	PASS

n41	ant1	30	100	509202	273@0	CP_QPSK	26200.28	-32.05	-25	PASS
n41	ant2	30	100	509202	273@0	CP_QPSK	26287.28	-33.10	-25	PASS
n41	ant1	30	100	509202	1@0	CP_QPSK	26363.40	-33.31	-25	PASS
n41	ant2	30	100	509202	1@0	CP_QPSK	26259.00	-32.85	-25	PASS
n41	ant1	30	100	509202	1@272	CP_QPSK	26250.30	-33.37	-25	PASS
n41	ant2	30	100	509202	1@272	CP_QPSK	23854.18	-33.46	-25	PASS
n41	ant1	30	100	518598	273@0	CP_QPSK	26360.50	-33.19	-25	PASS
n41	ant2	30	100	518598	273@0	CP_QPSK	26241.60	-33.03	-25	PASS
n41	ant1	30	100	518598	1@0	CP_QPSK	25655.08	-33.32	-25	PASS
n41	ant2	30	100	518598	1@0	CP_QPSK	26378.63	-32.77	-25	PASS
n41	ant1	30	100	518598	1@272	CP_QPSK	25673.20	-32.93	-25	PASS
n41	ant2	30	100	518598	1@272	CP_QPSK	26180.70	-32.92	-25	PASS
n41	ant1	30	100	528000	273@0	CP_QPSK	26392.40	-33.39	-25	PASS
n41	ant2	30	100	528000	273@0	CP_QPSK	26221.30	-33.00	-25	PASS
n41	ant1	30	100	528000	1@0	CP_QPSK	25787.75	-33.07	-25	PASS
n41	ant2	30	100	528000	1@0	CP_QPSK	26275.68	-33.45	-25	PASS
n41	ant1	30	100	528000	1@272	CP_QPSK	26317.00	-32.96	-25	PASS
n41	ant2	30	100	528000	1@272	CP_QPSK	23954.95	-32.64	-25	PASS

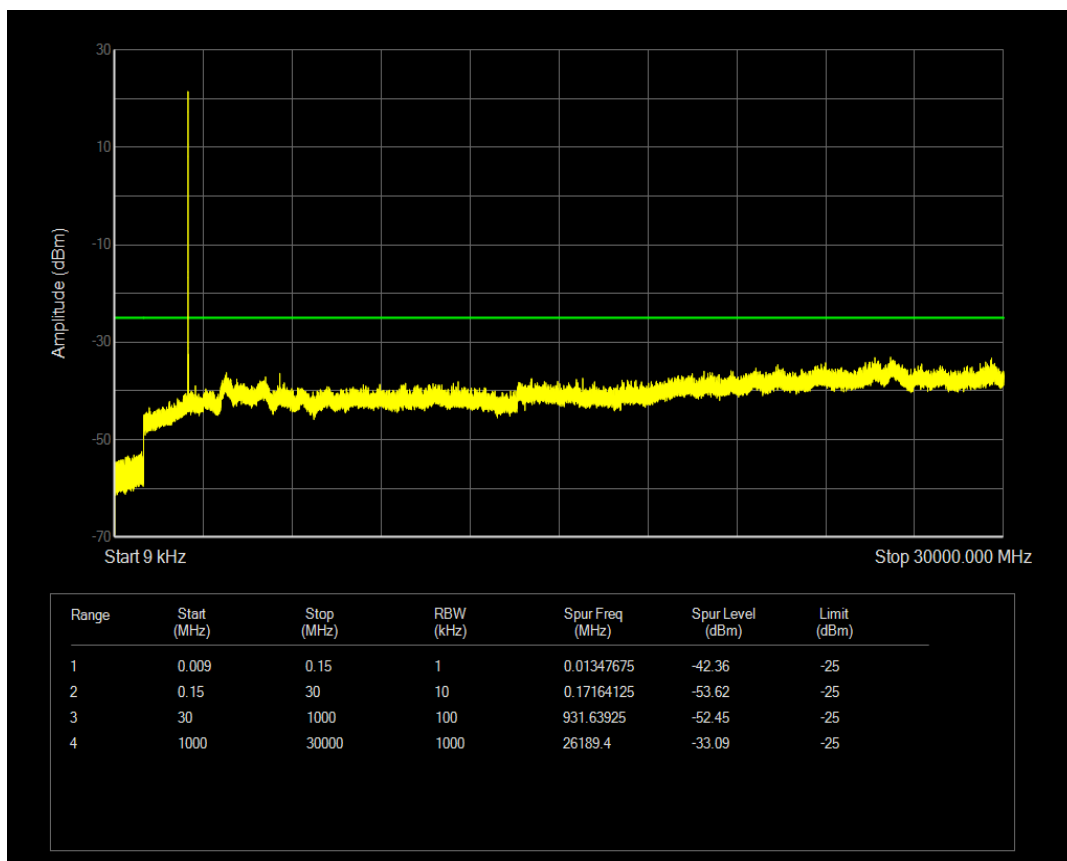
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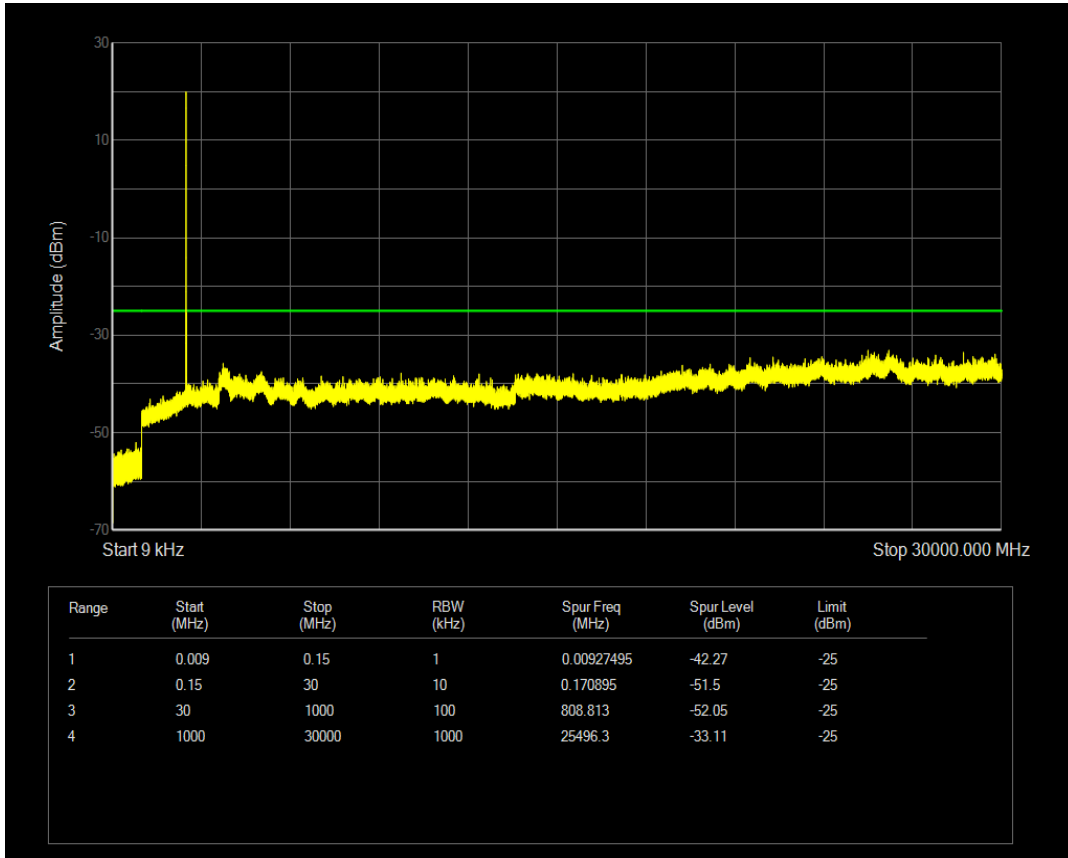
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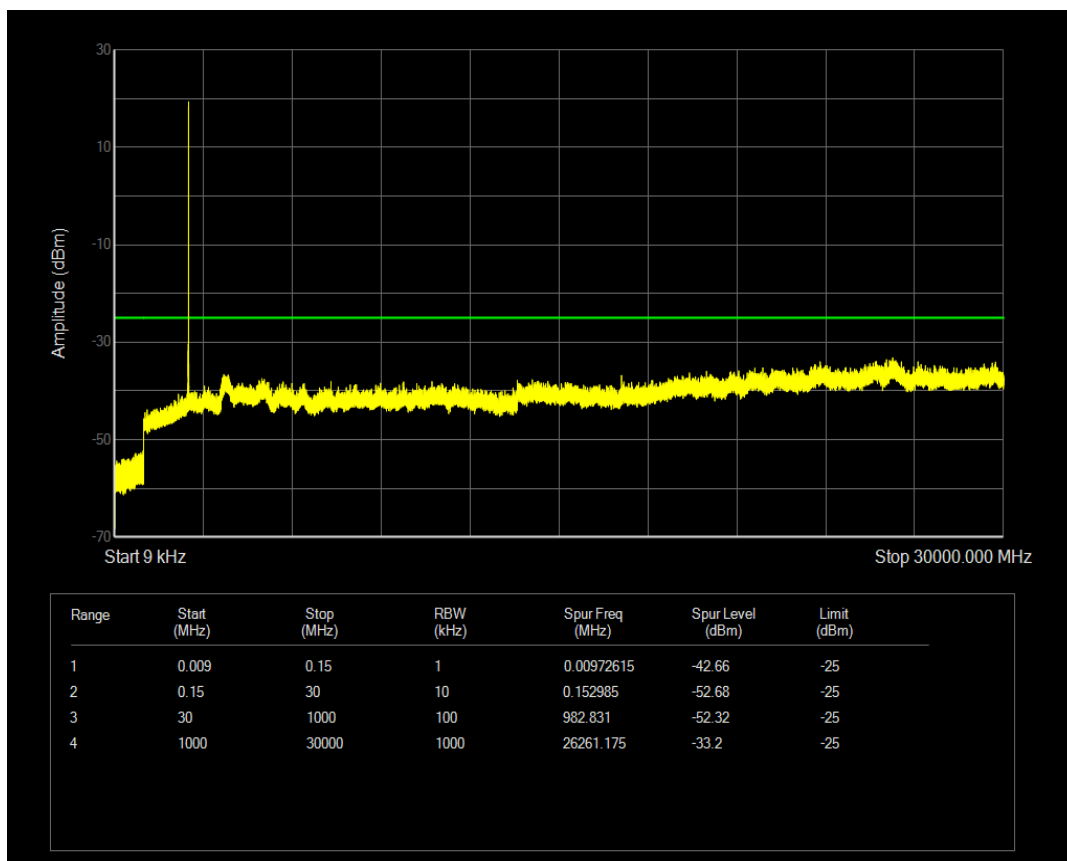
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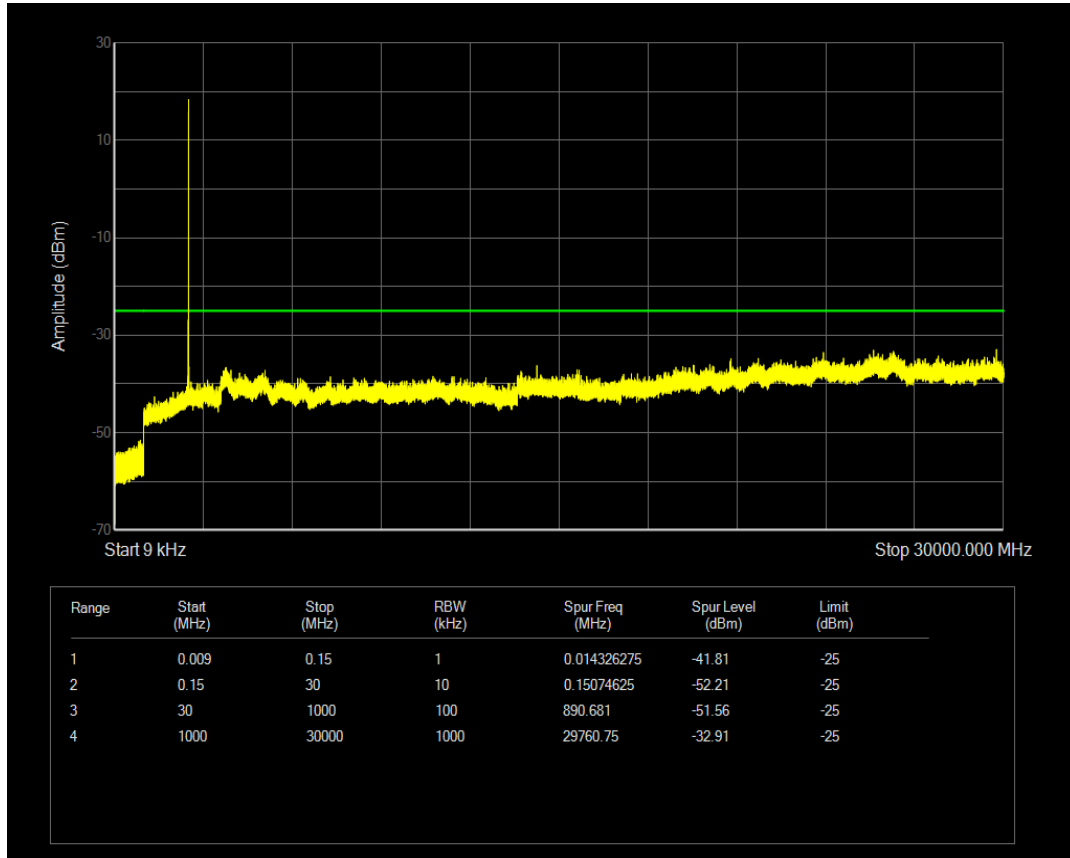
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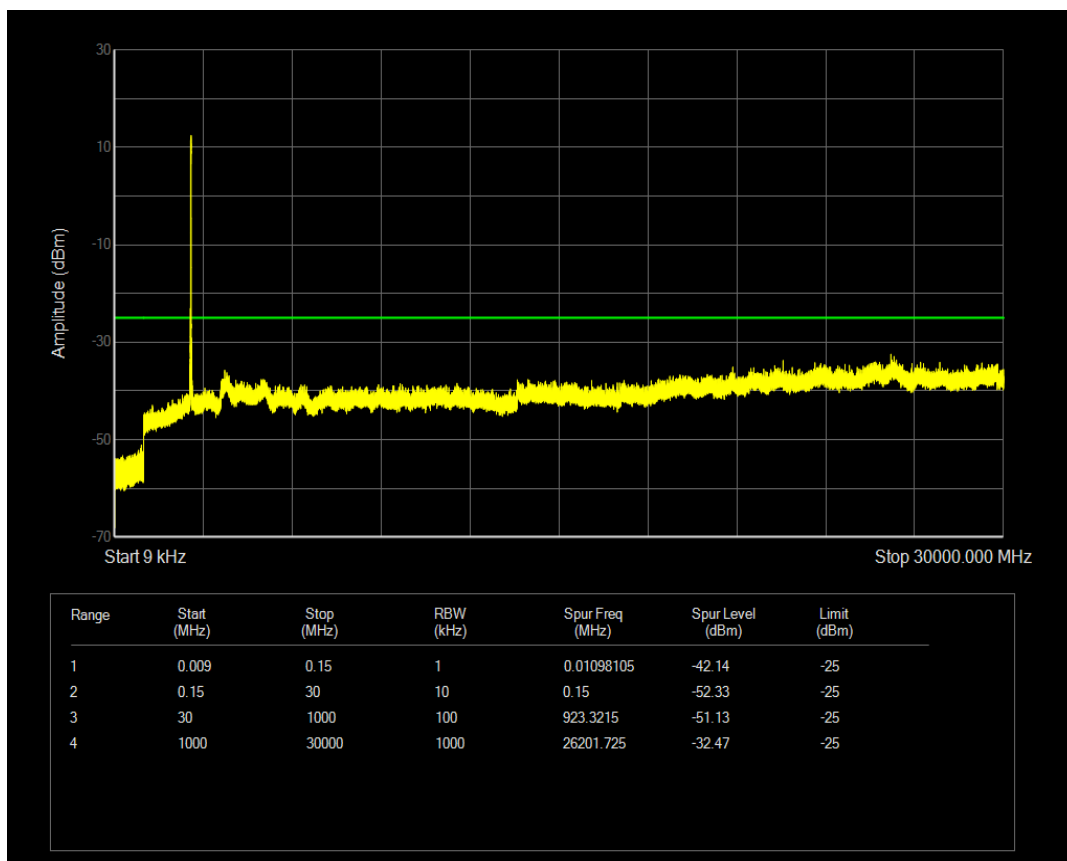
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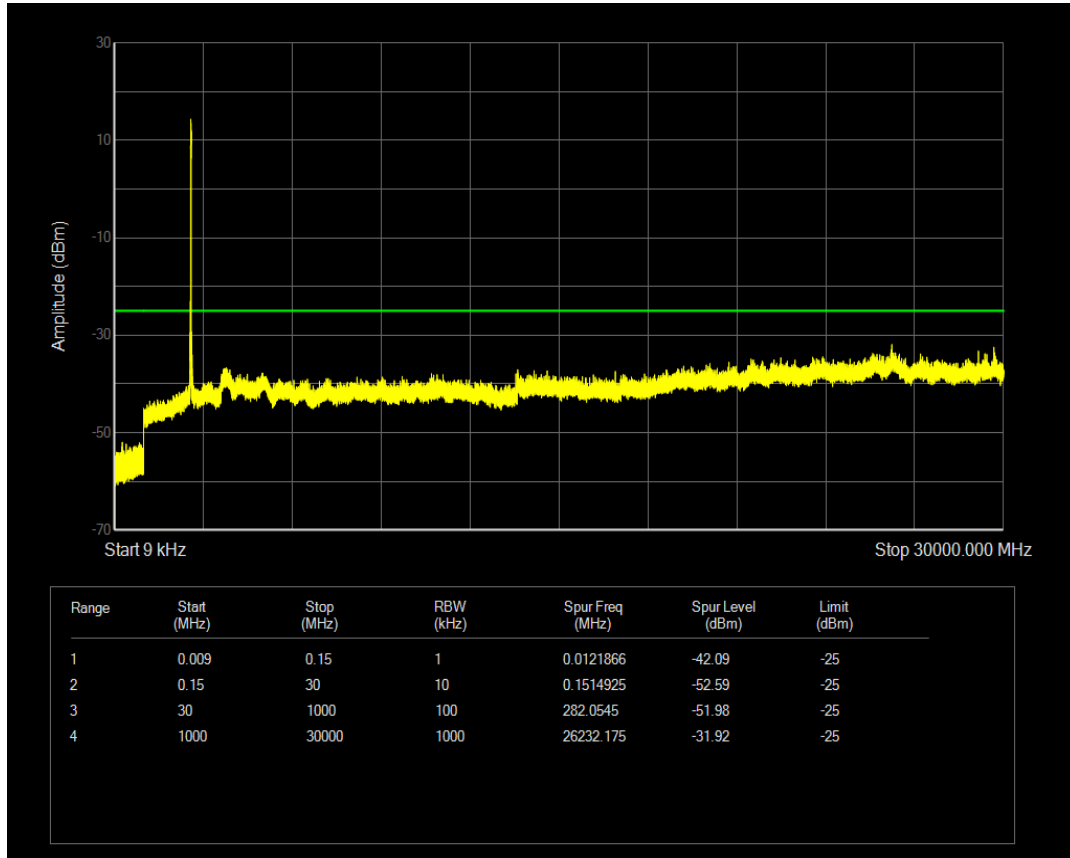
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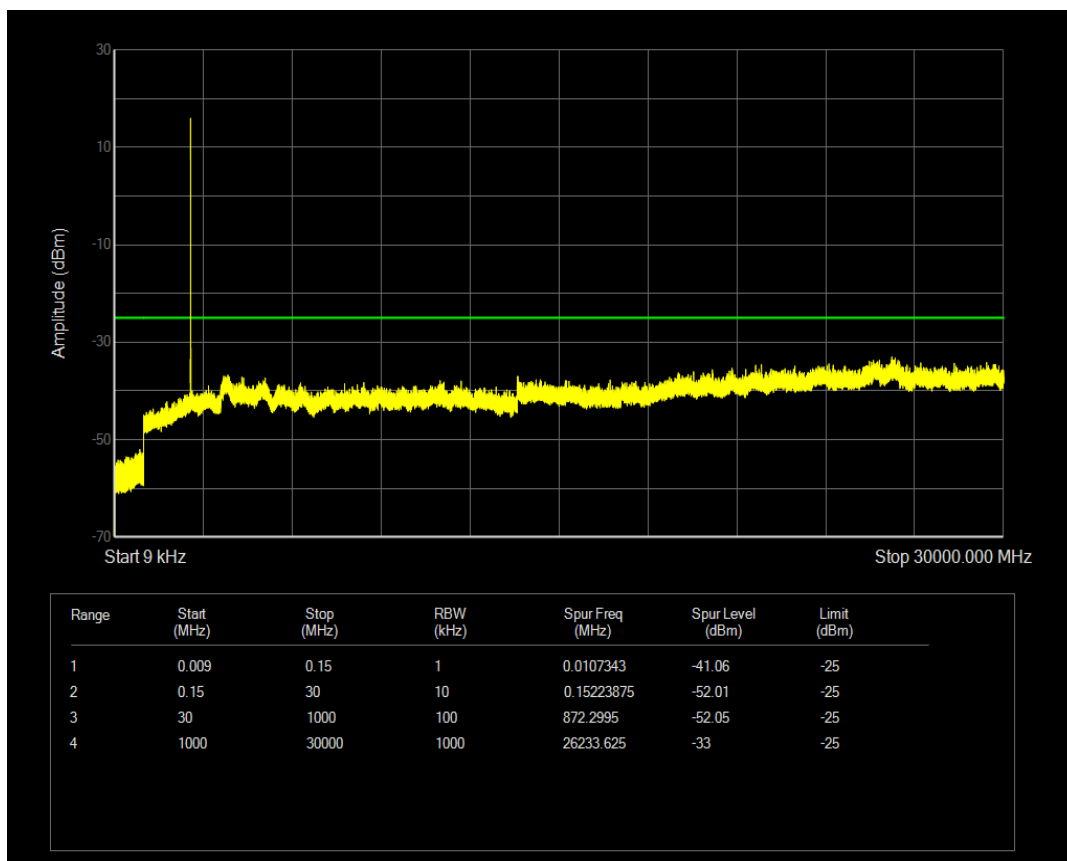
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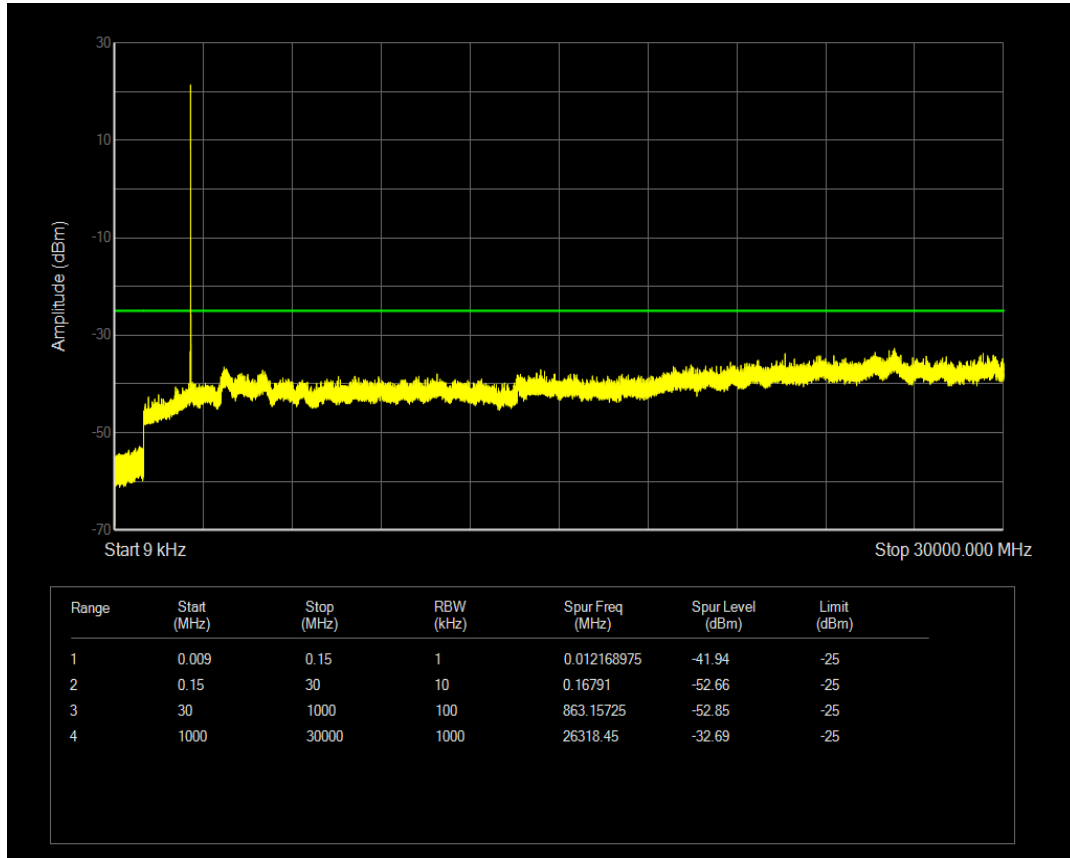
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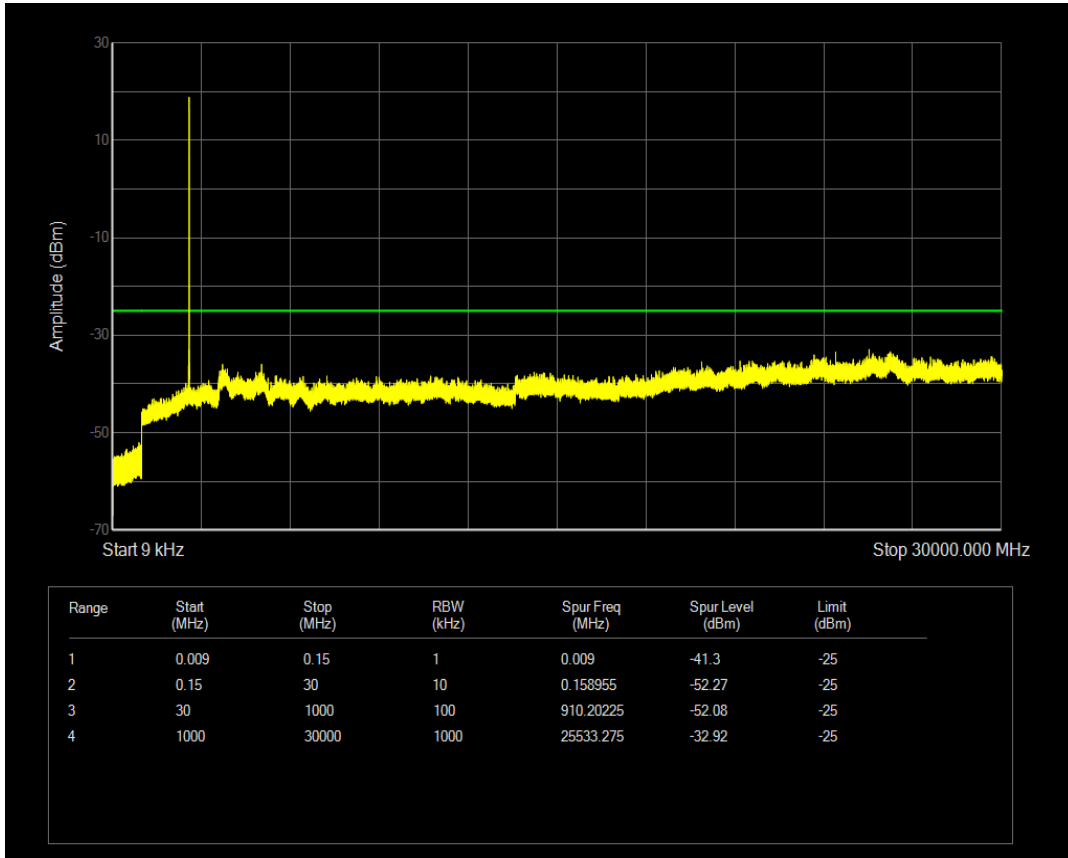
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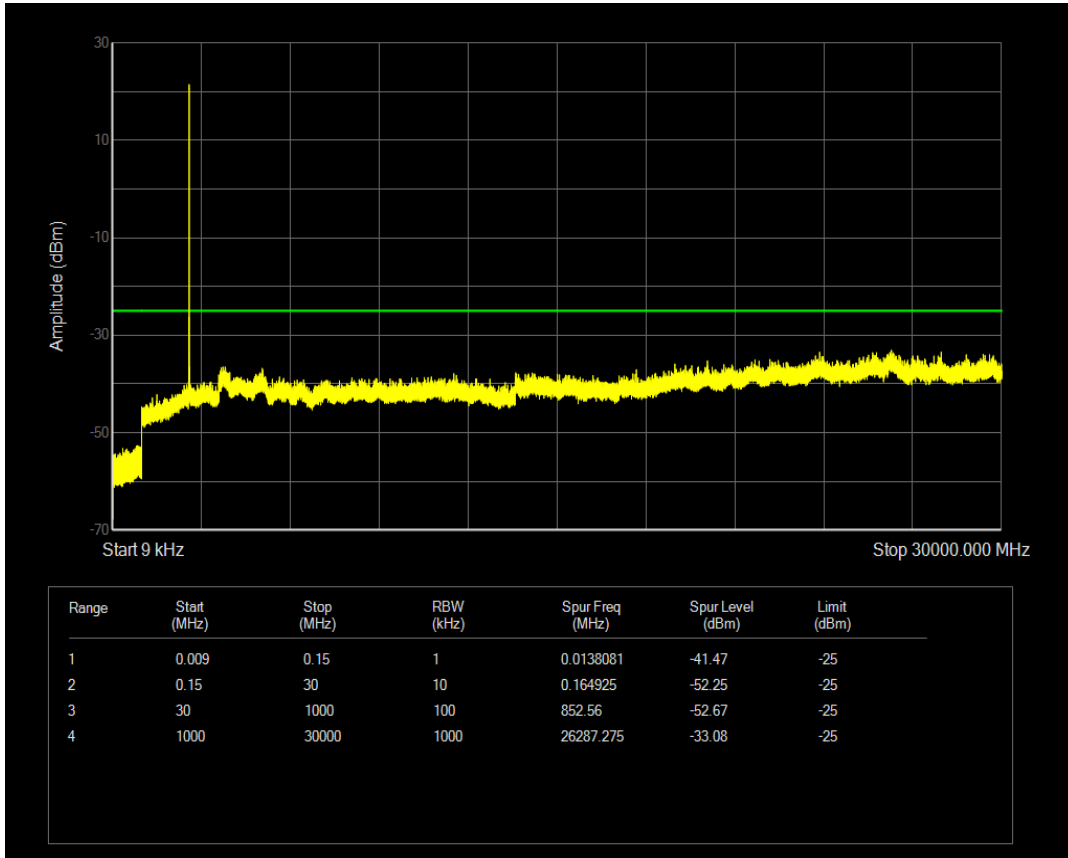
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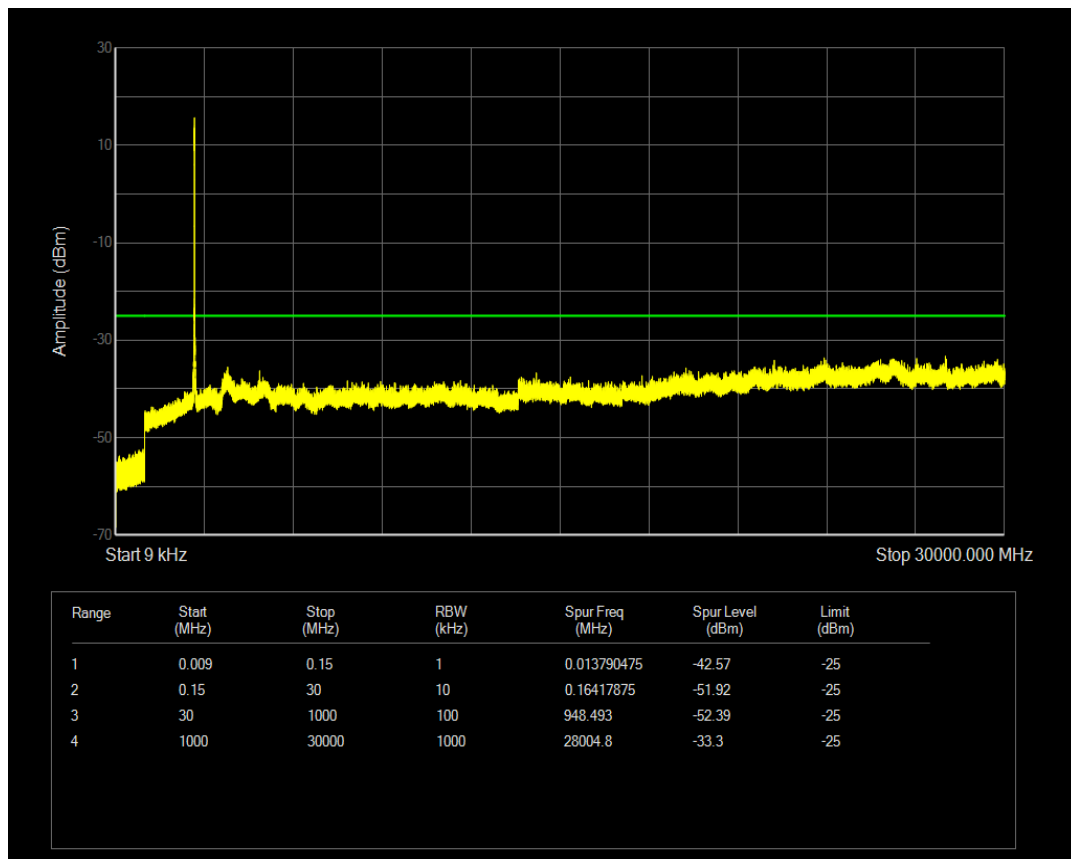
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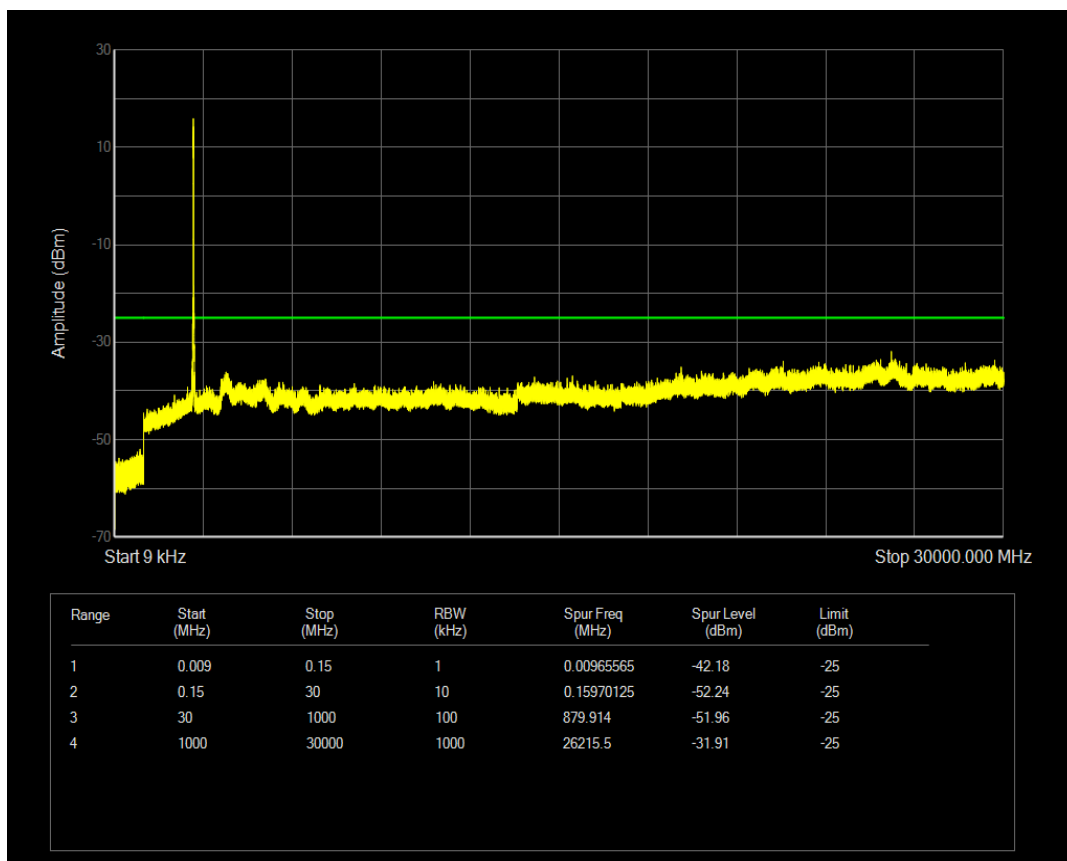
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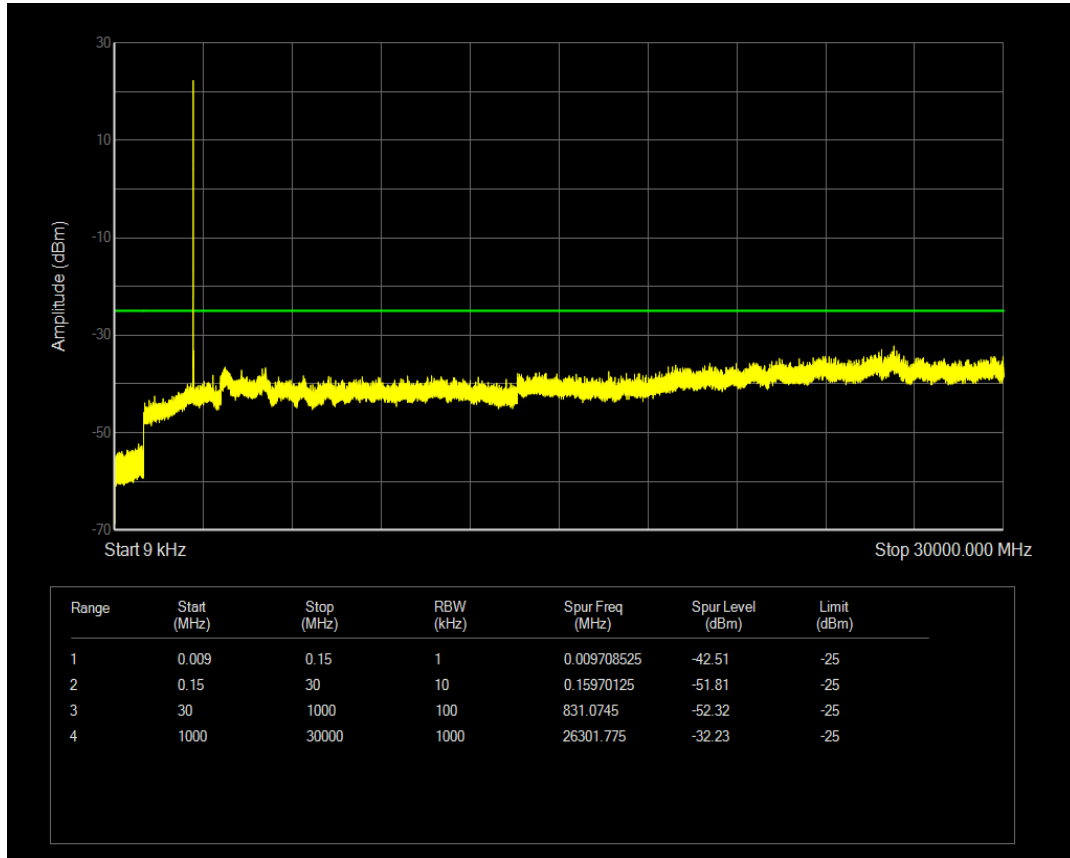
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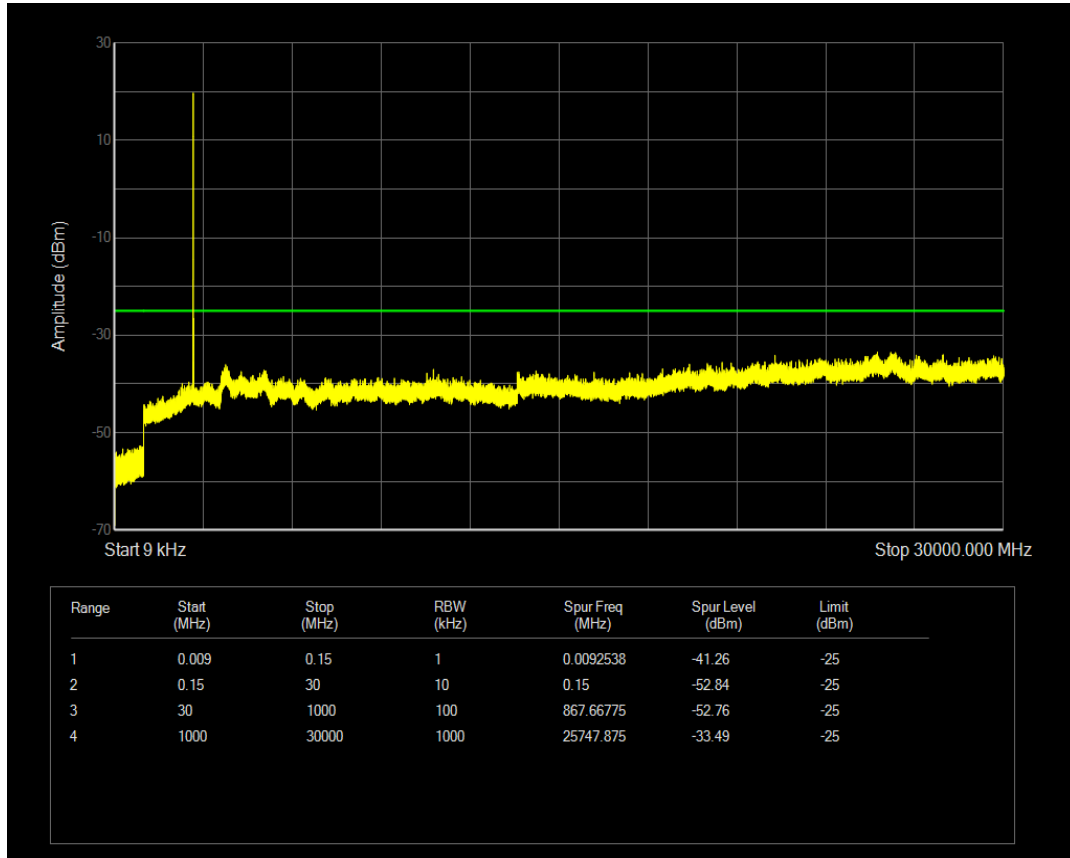
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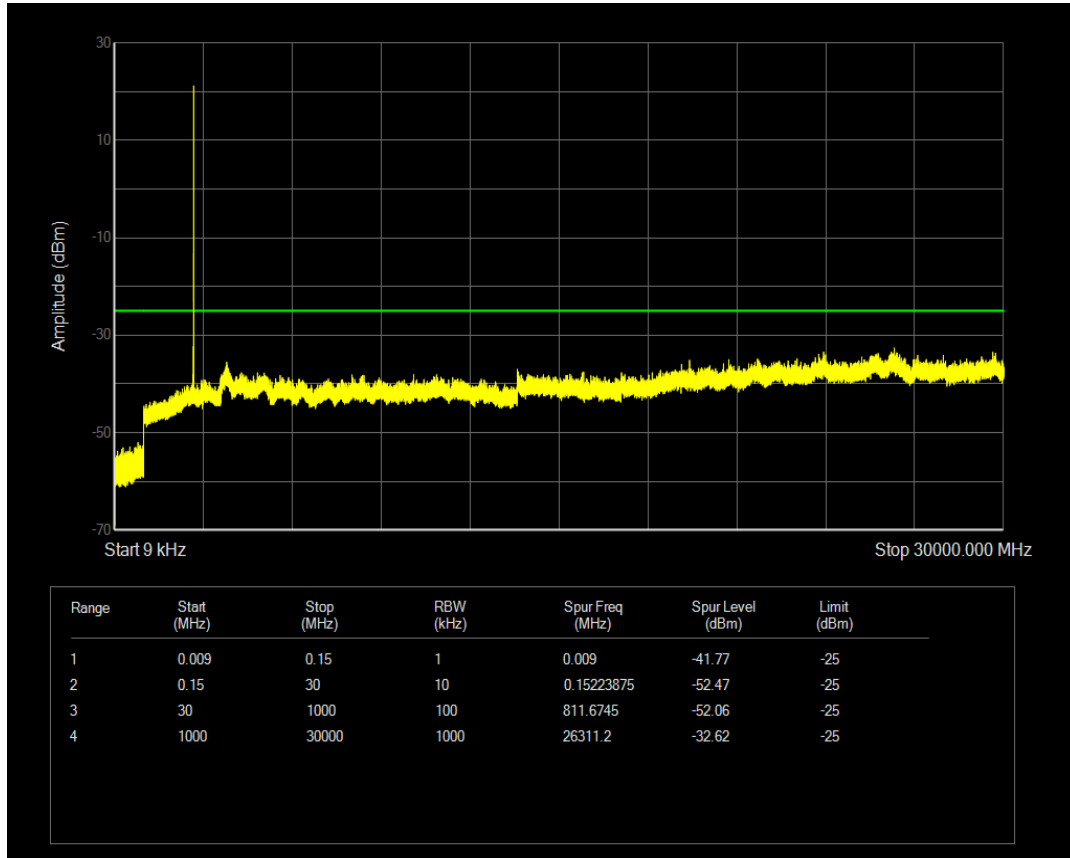
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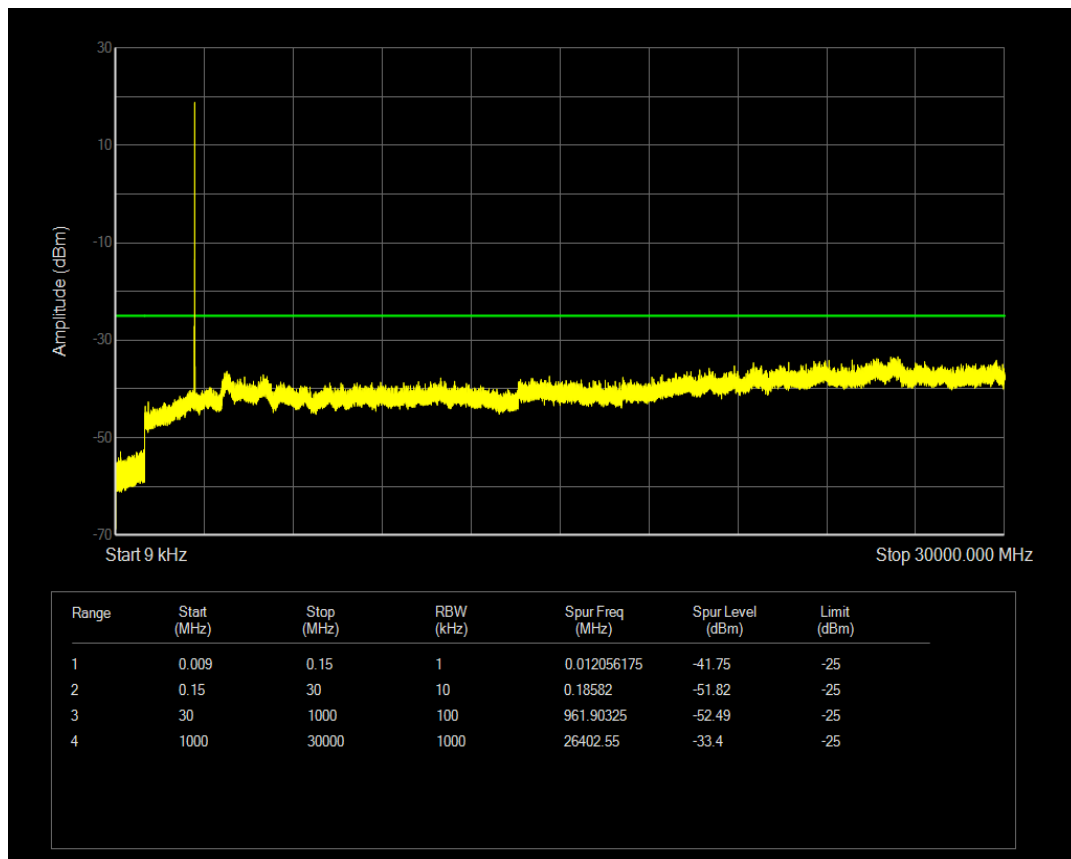
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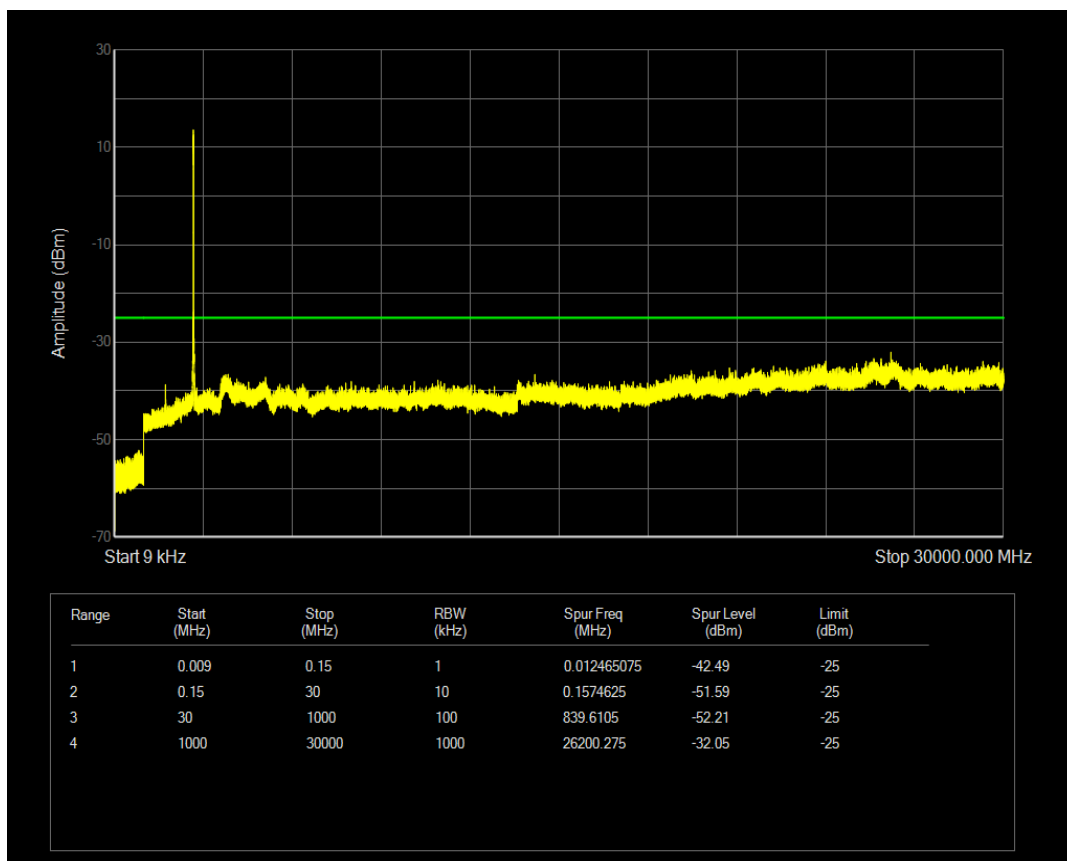
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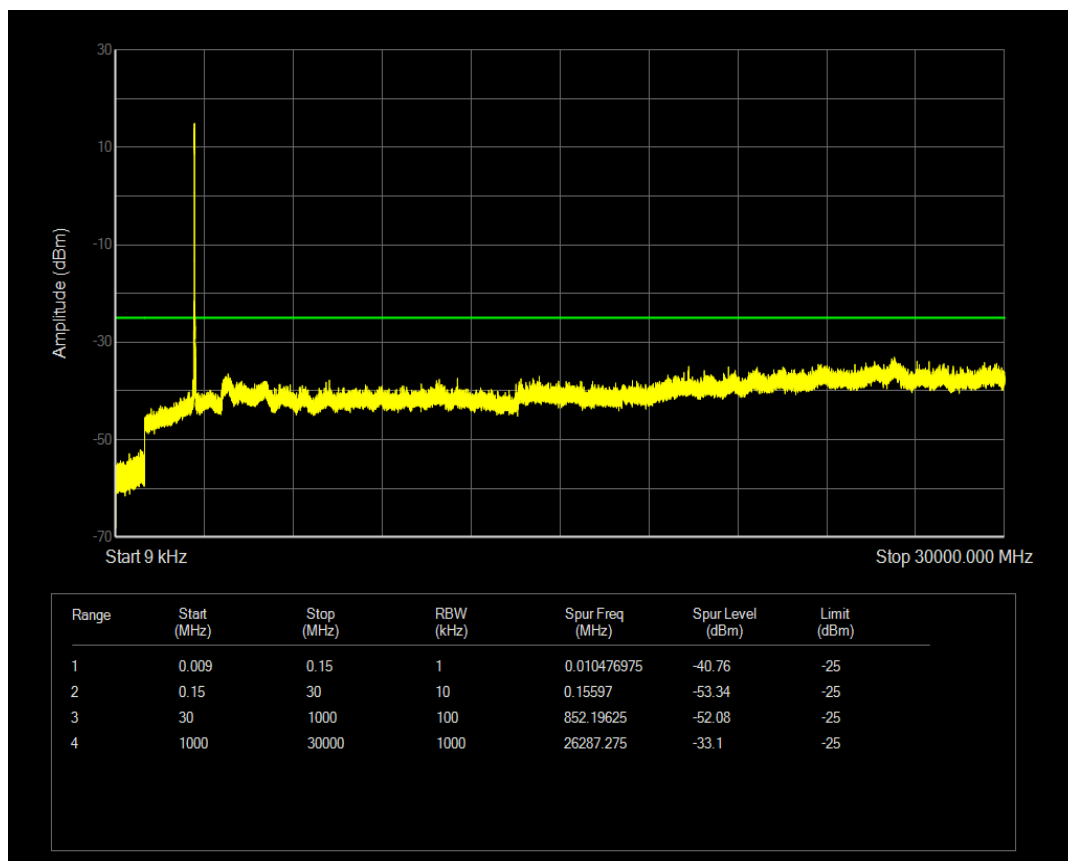
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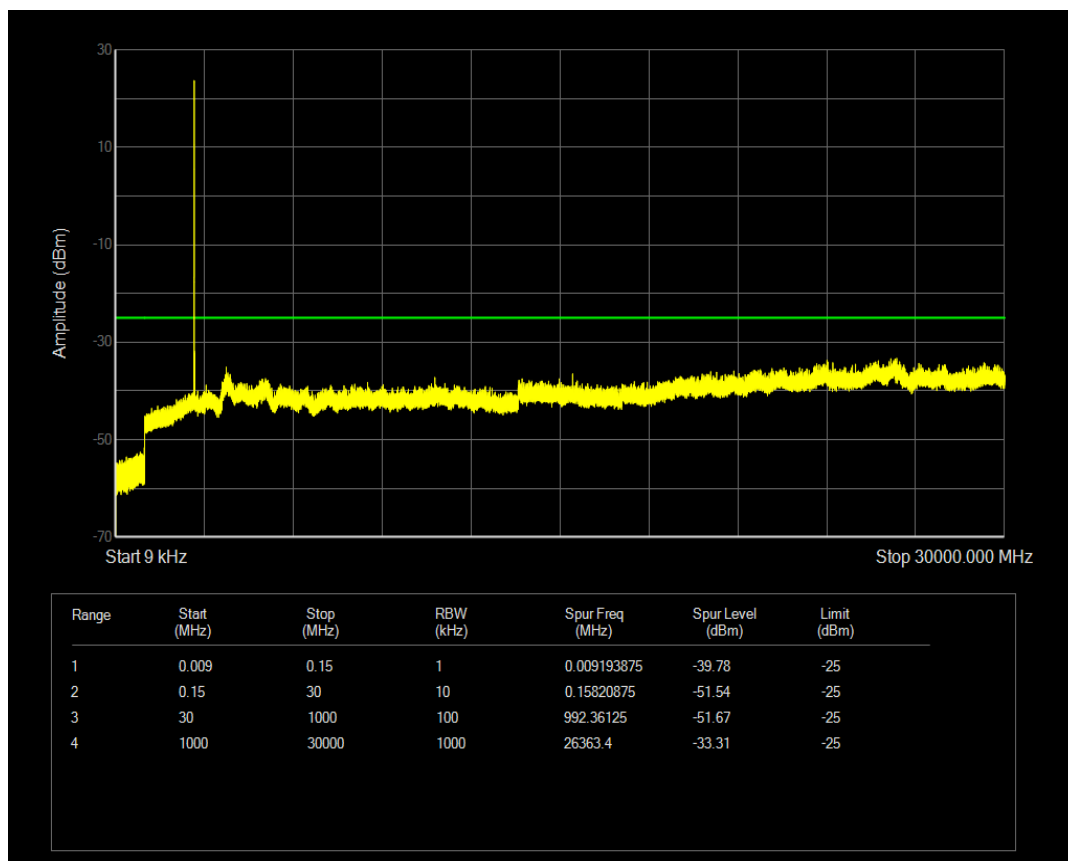
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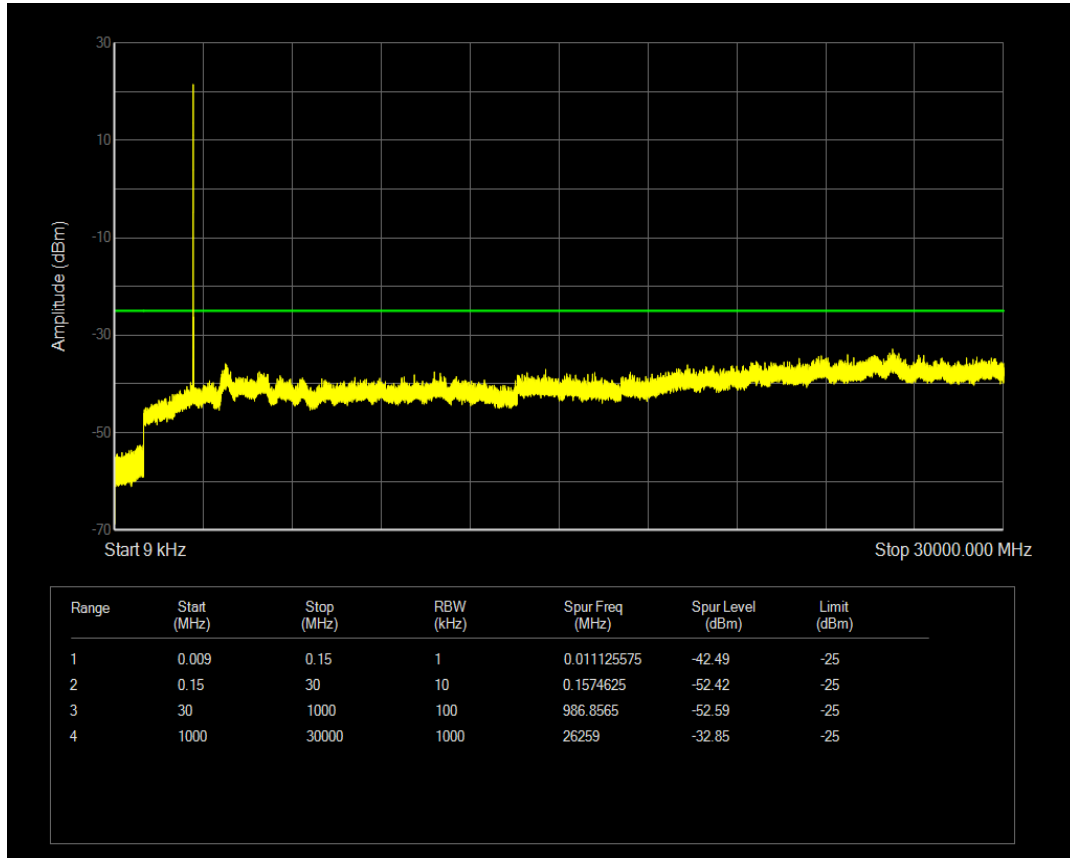
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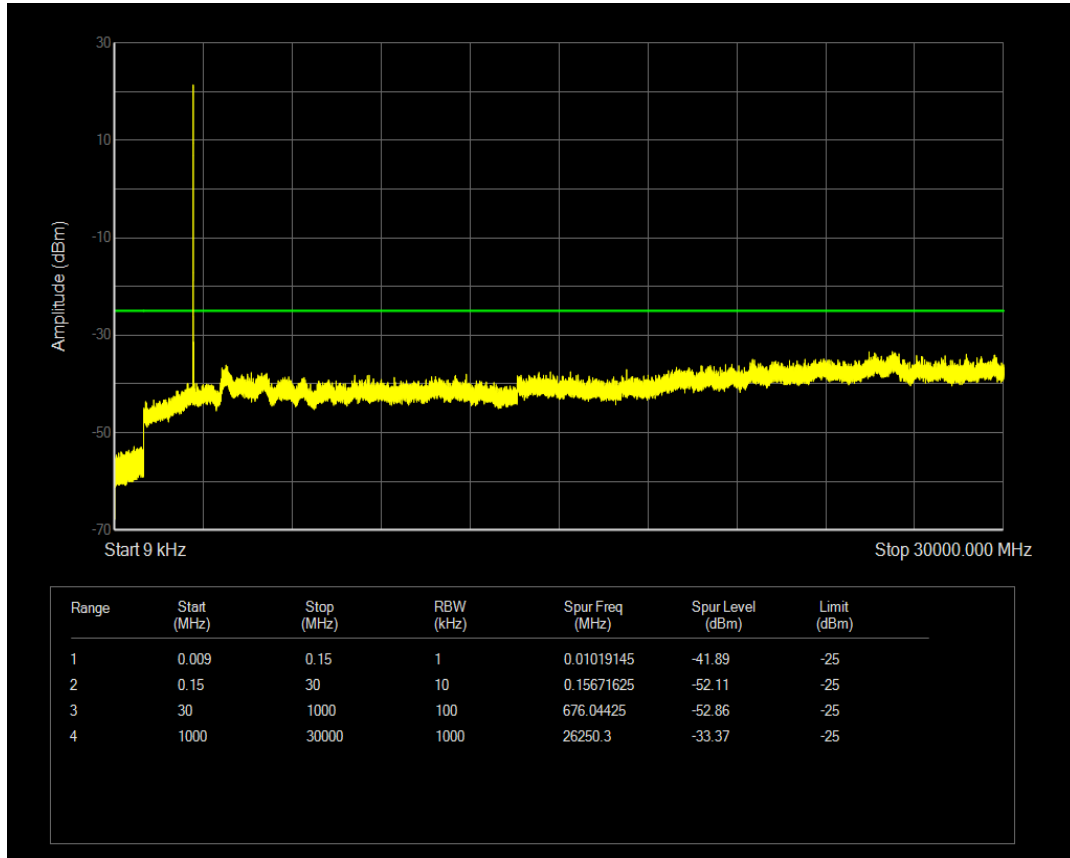
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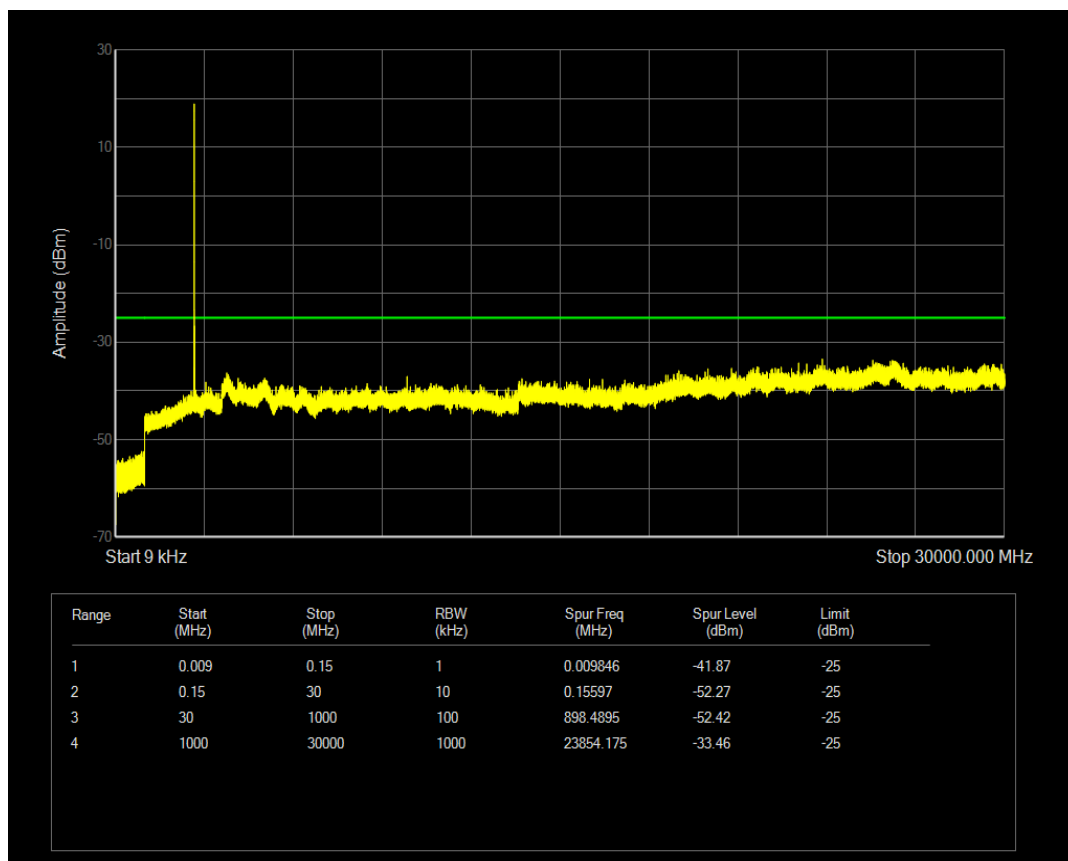
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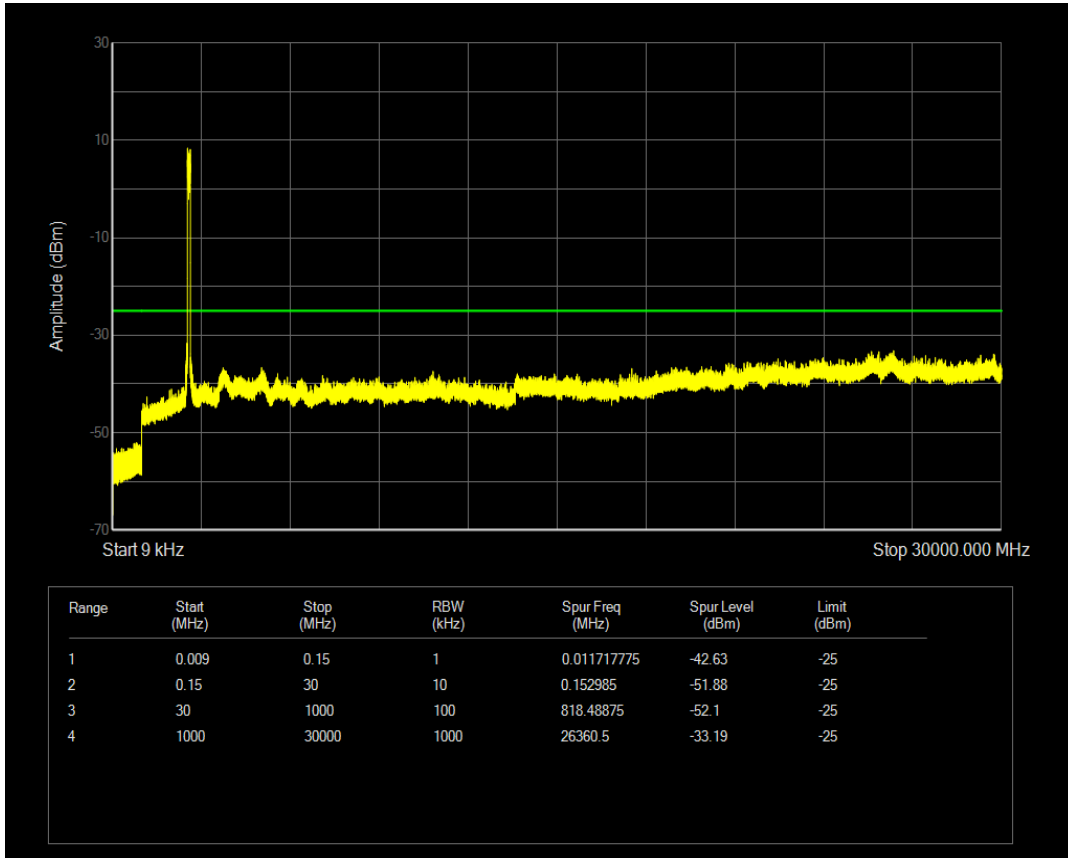
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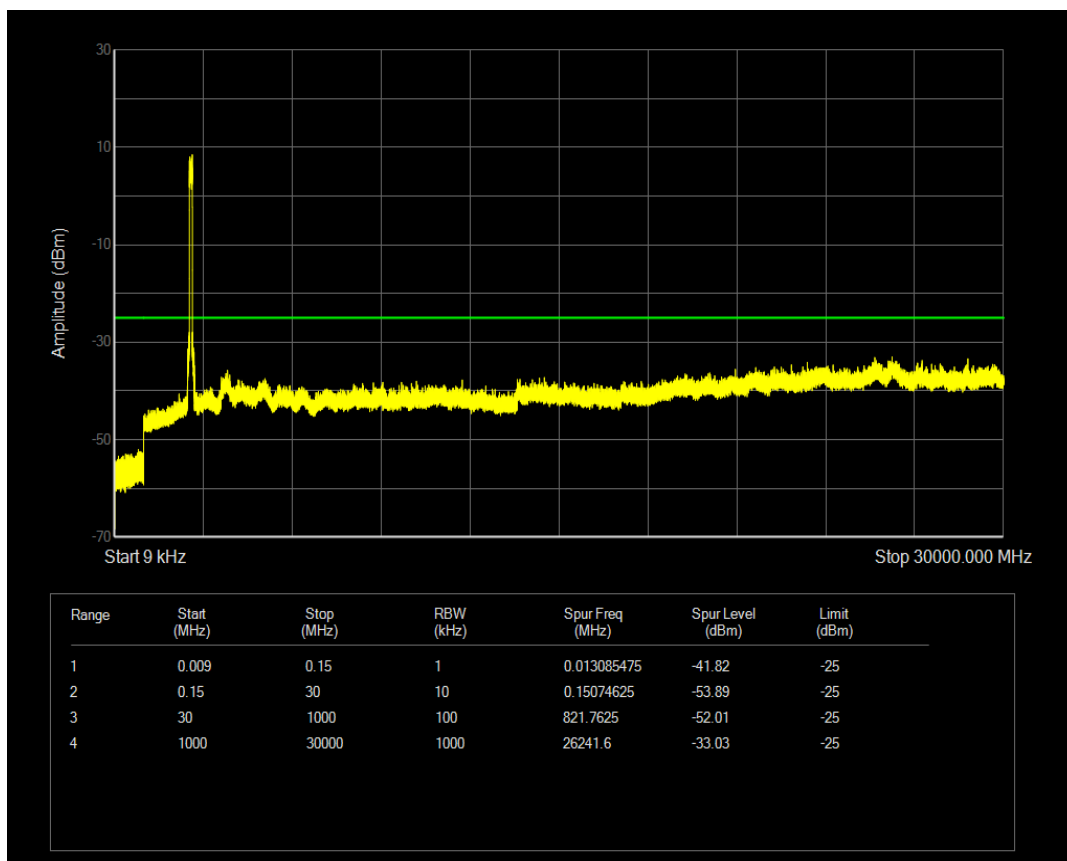
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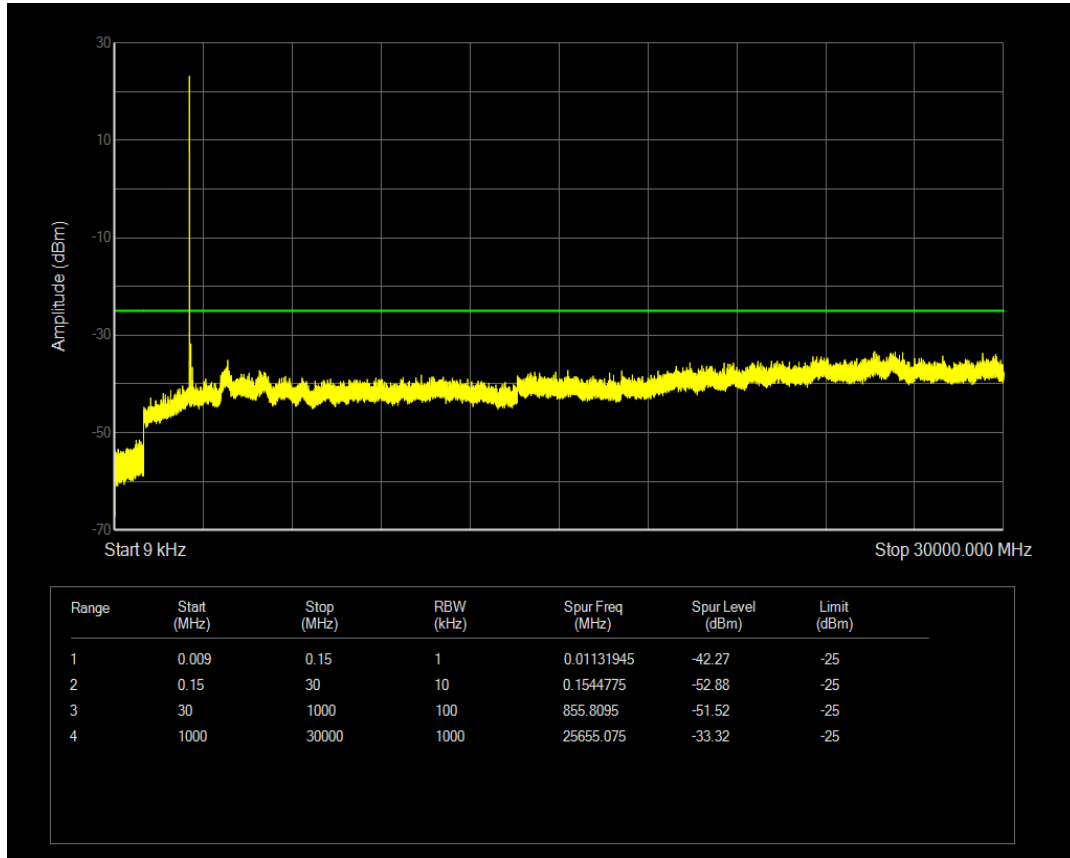
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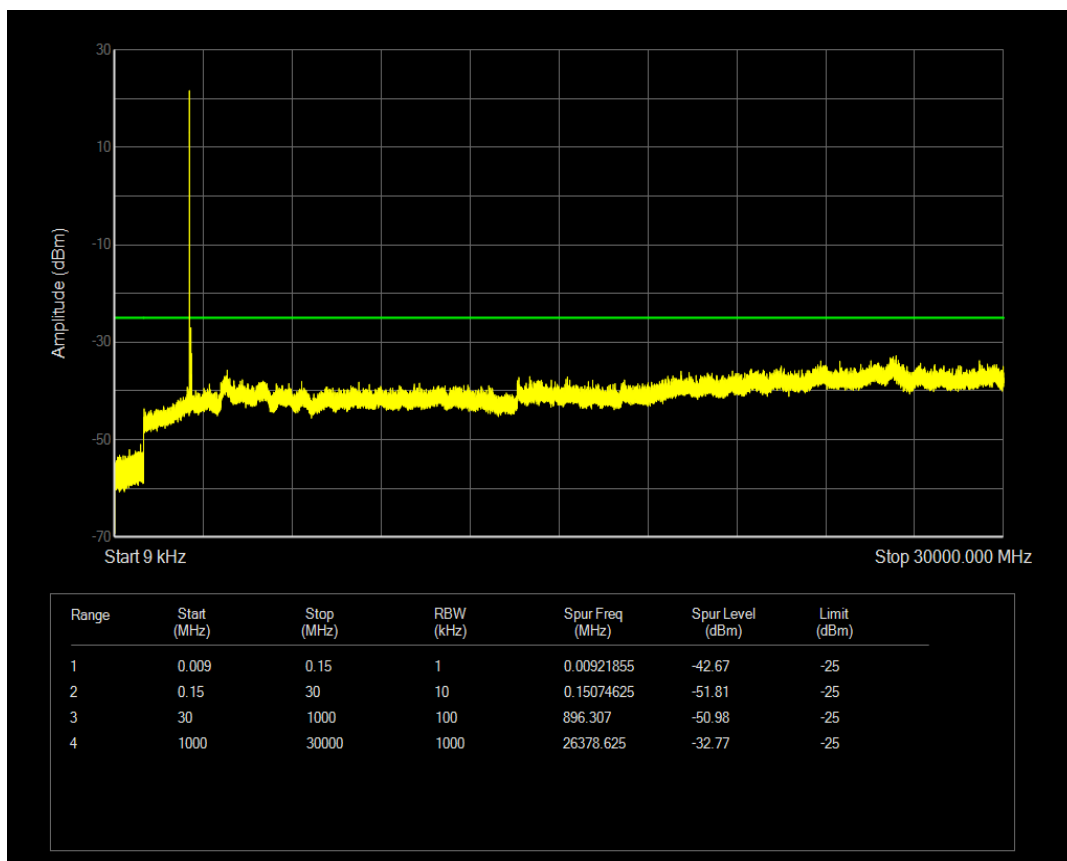
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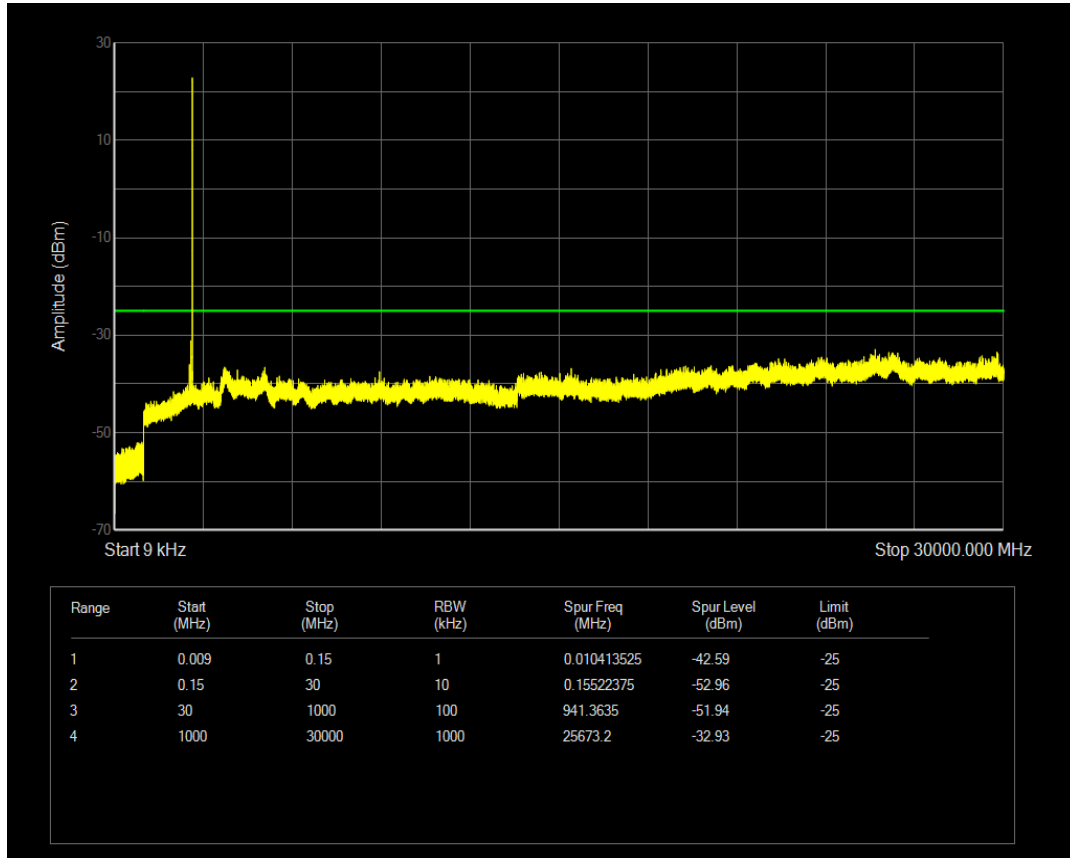
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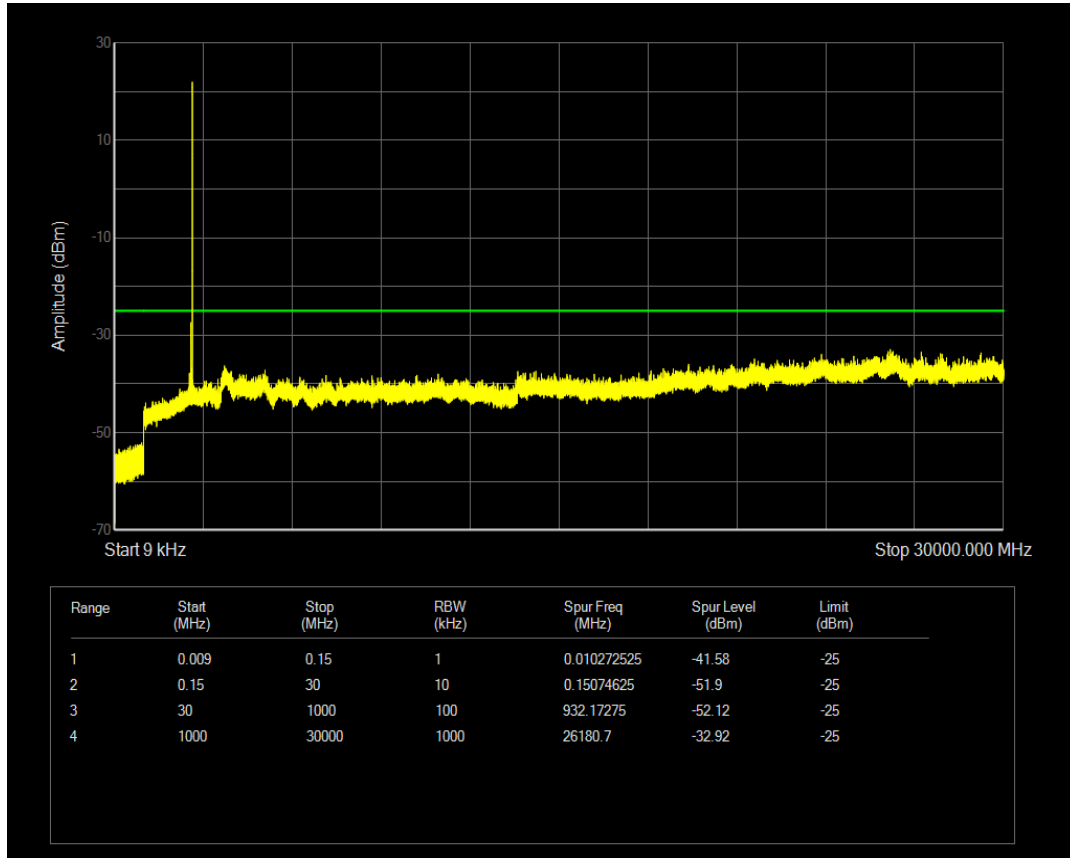
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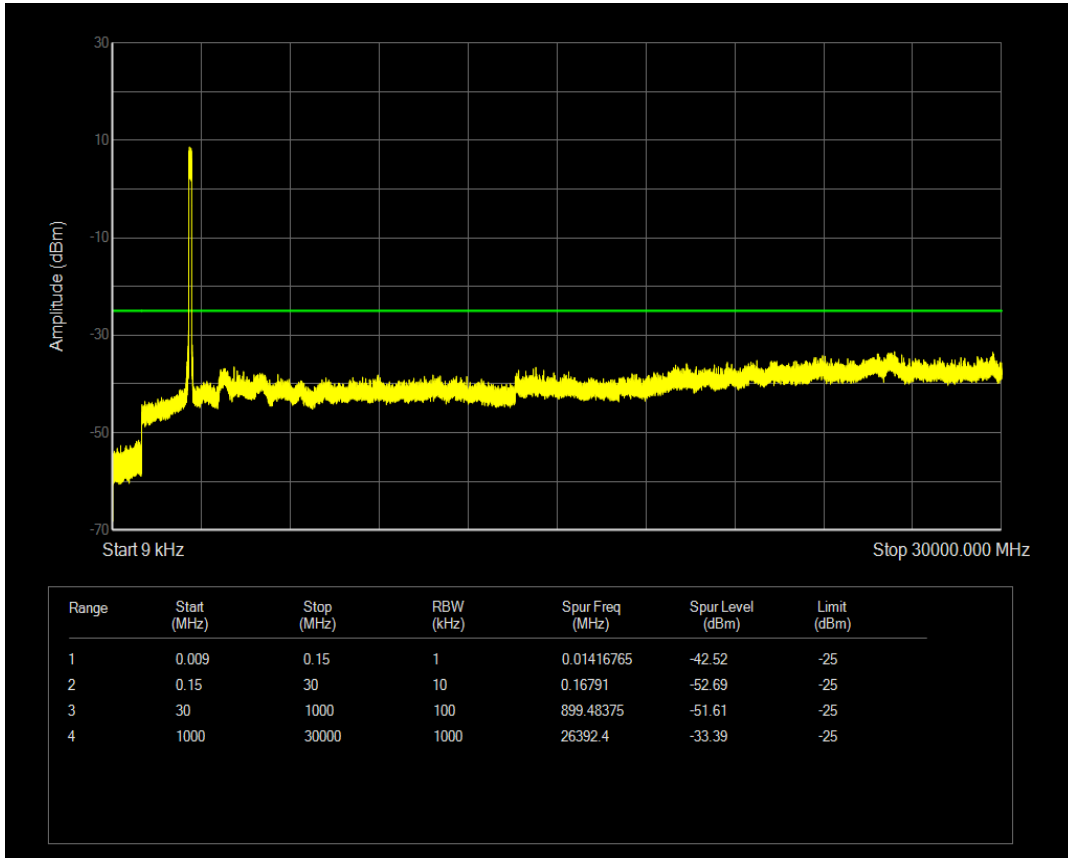
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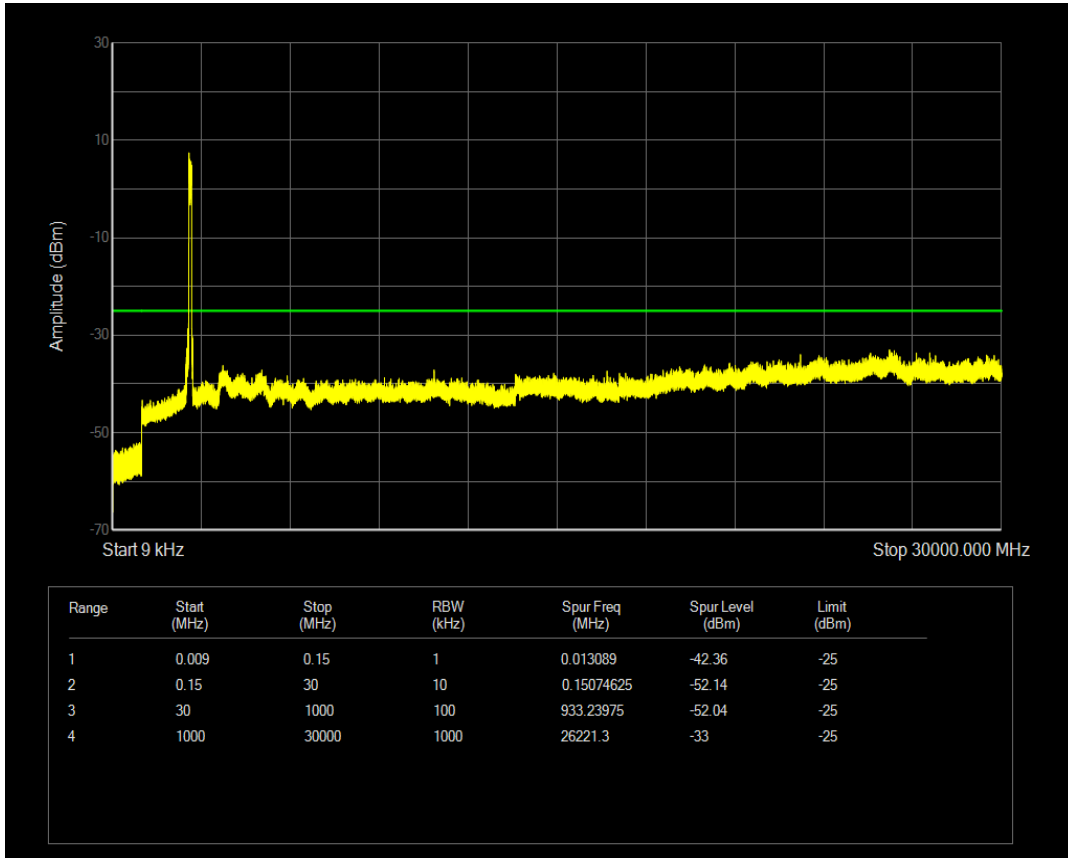
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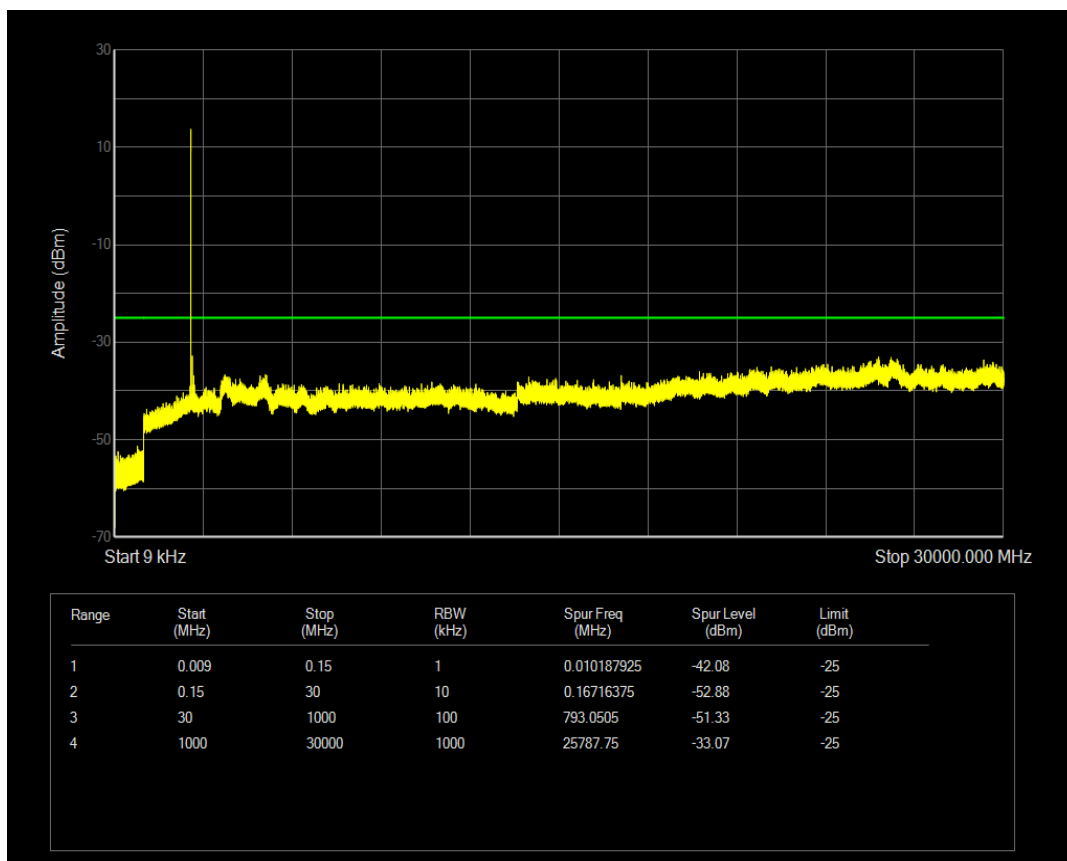
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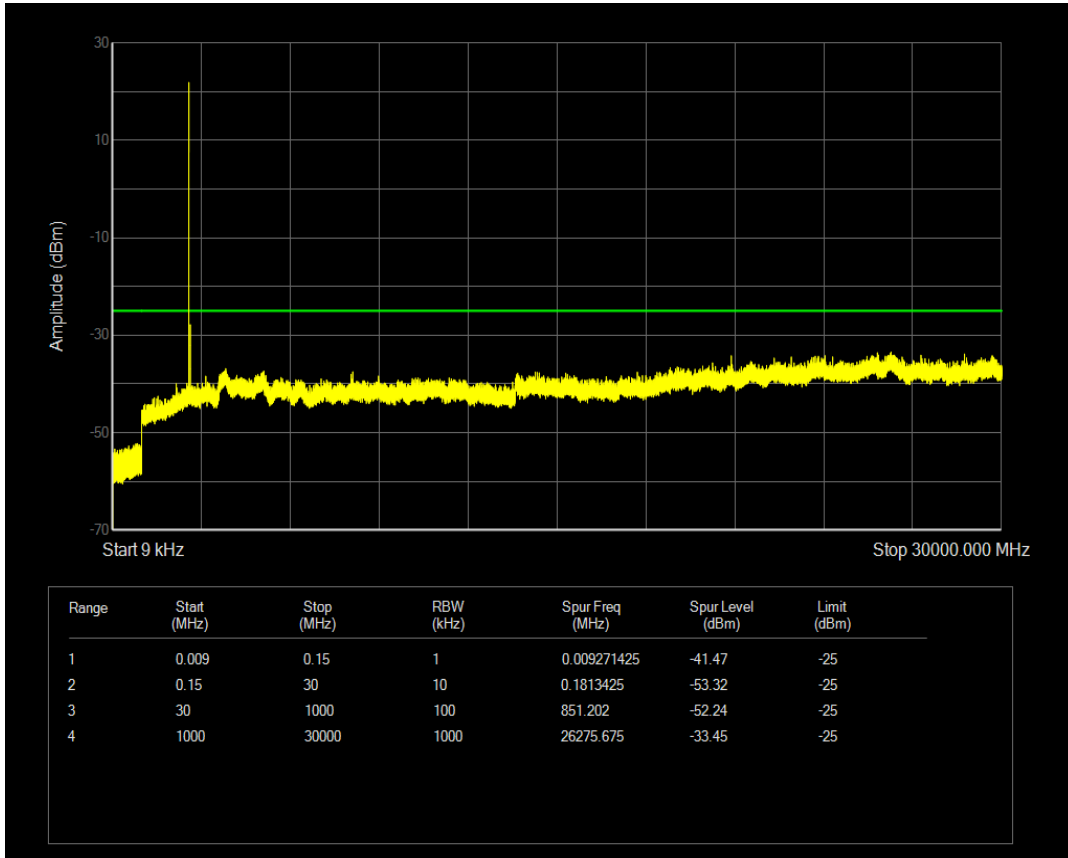
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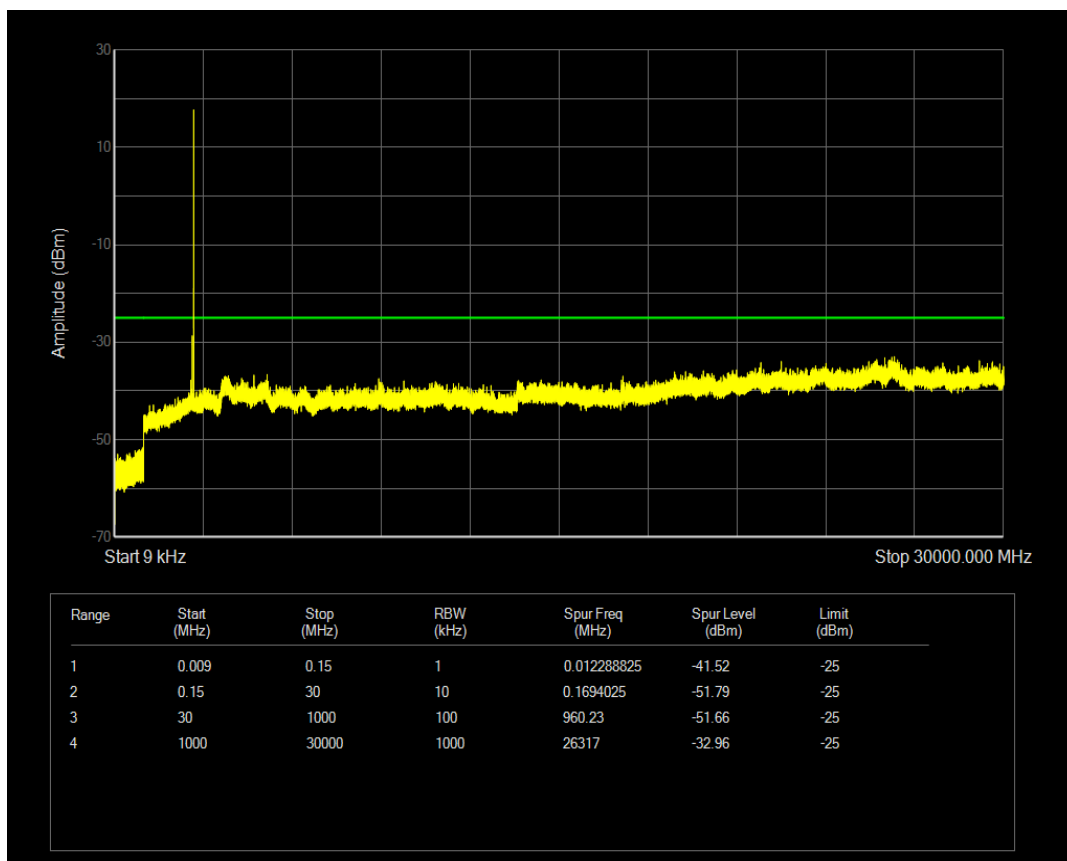
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n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0 ant2



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

