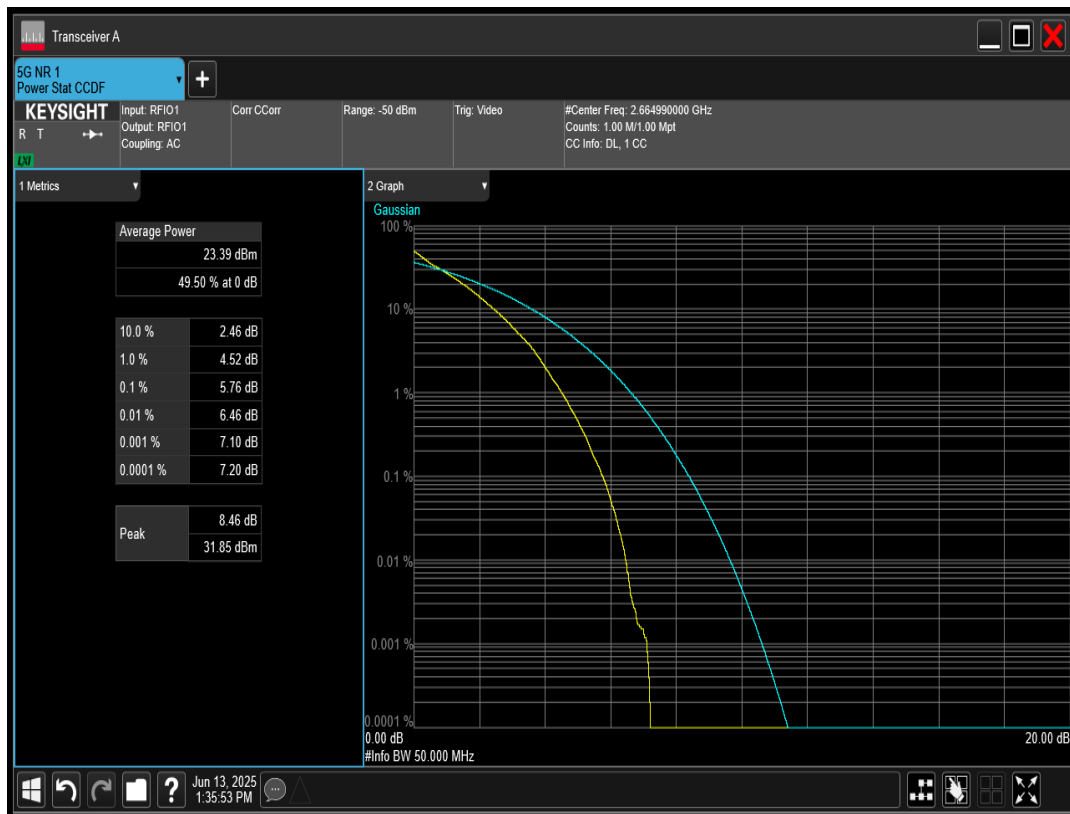
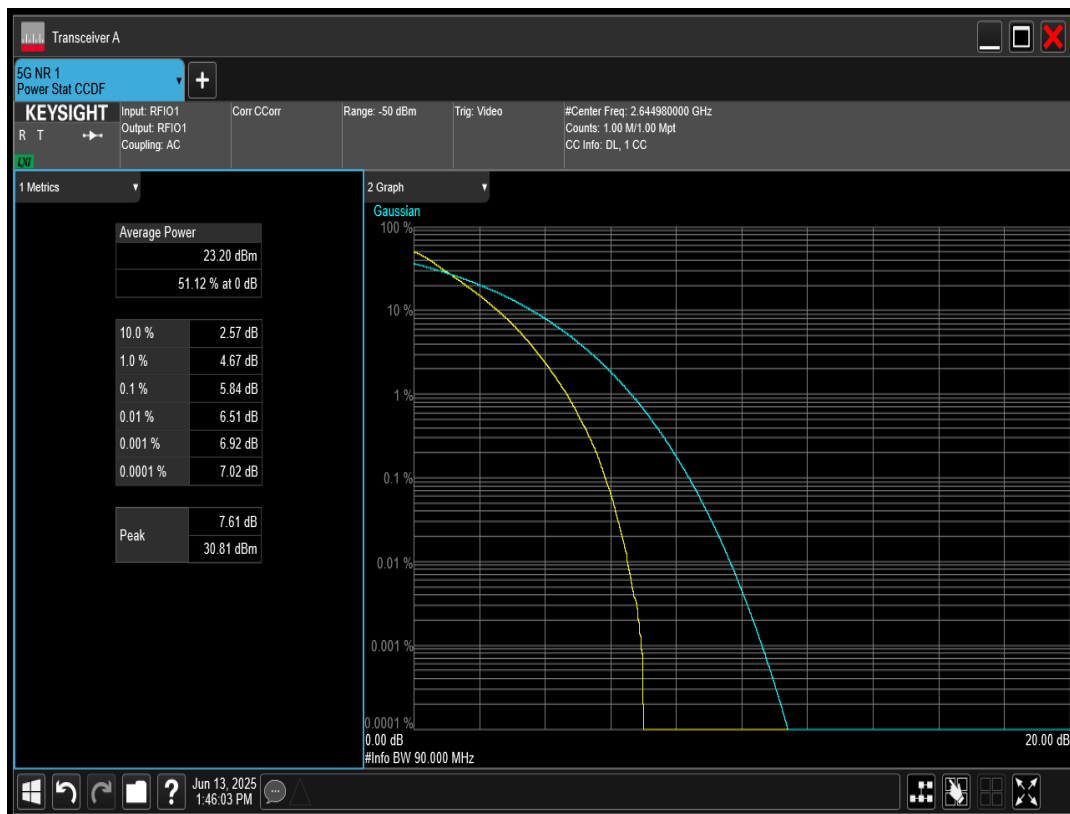
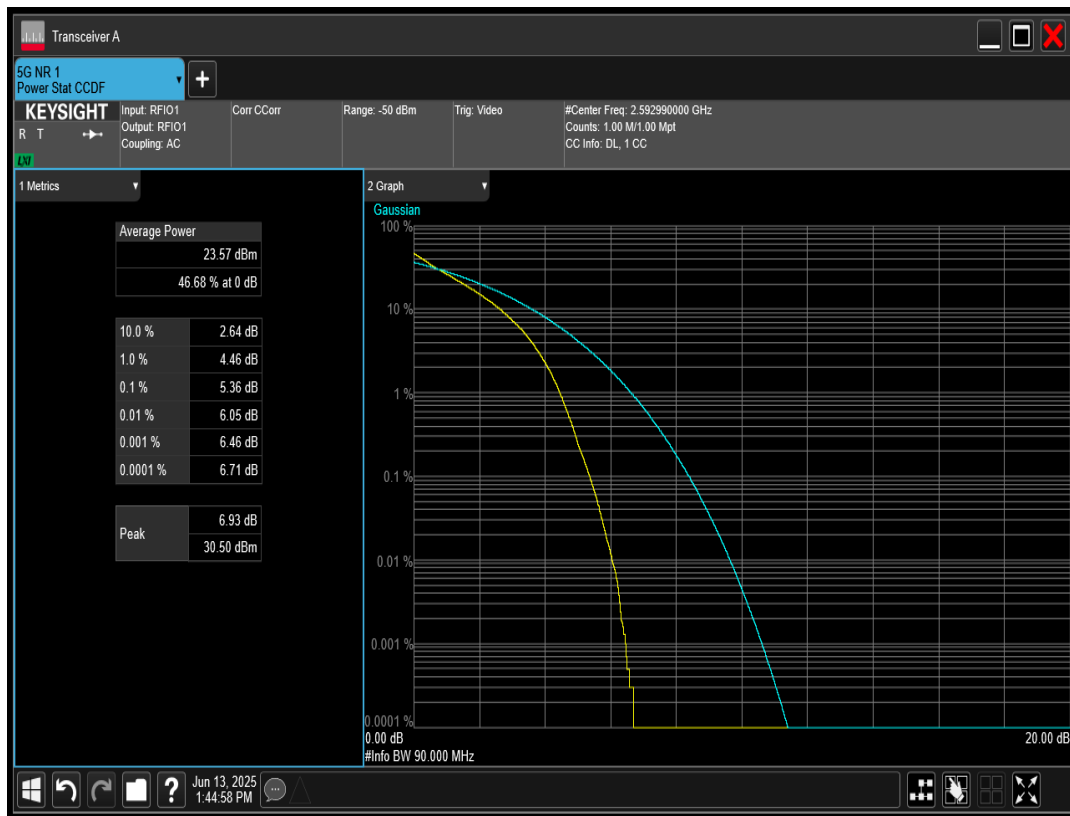
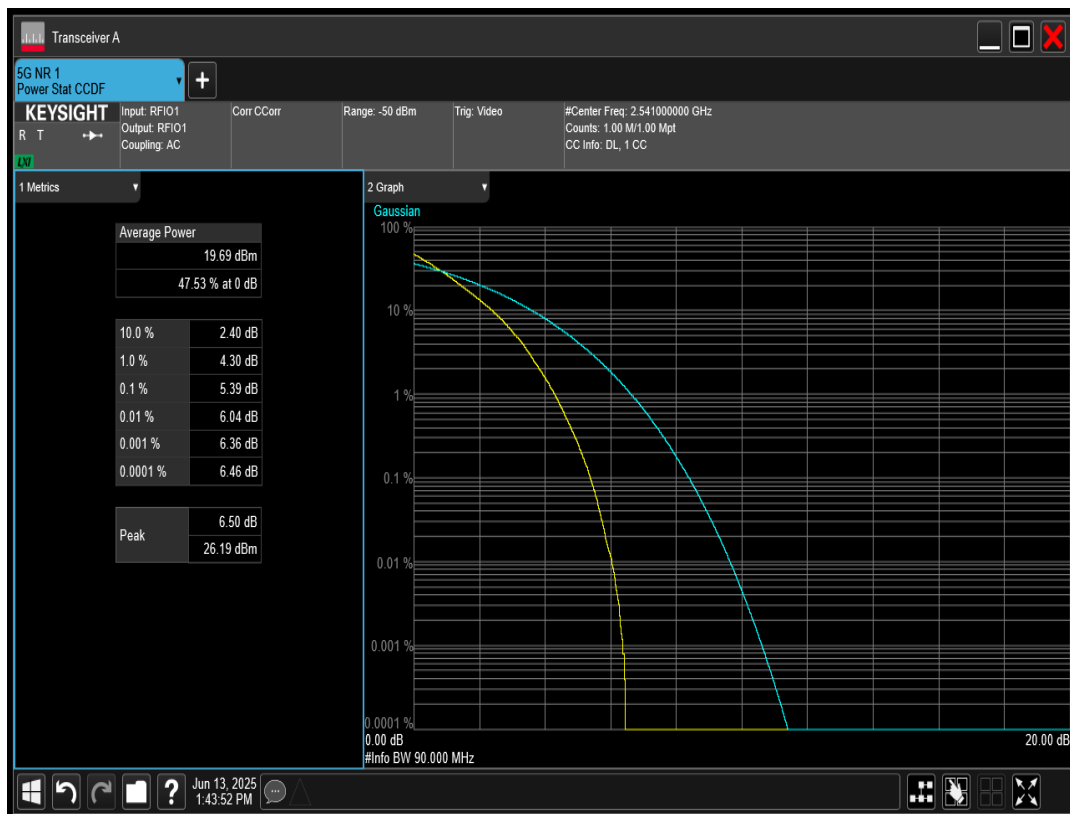


n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=532998 RB=128@0



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=528996 RB=240@0



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0***n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=508200 RB=240@0***

4 Occupied bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	30	20	518598	50@0	DFT_BPSK	18.000	18.250	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.030	18.340	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.040	18.330	PASS
n41	30	20	518598	50@0	DFT_QAM64	17.980	18.280	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.970	18.280	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.450	36.380	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.570	36.410	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.560	36.340	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.400	36.250	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.350	36.330	PASS
n41	30	50	518598	128@0	DFT_BPSK	46.740	46.390	PASS
n41	30	50	518598	128@0	DFT_QPSK	46.890	46.420	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.960	46.370	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.010	46.460	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.000	46.470	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.700	58.590	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.700	58.590	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.700	58.620	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.770	58.530	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.720	58.640	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.030	78.060	PASS
n41	30	80	518598	216@0	DFT_QPSK	76.950	77.980	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.930	78.110	PASS
n41	30	80	518598	216@0	DFT_QAM64	76.940	78.050	PASS
n41	30	80	518598	216@0	DFT_QAM256	76.950	78.090	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.400	86.720	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.210	86.690	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.330	86.810	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.330	86.780	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.210	86.880	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.010	97.490	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.040	97.570	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.060	97.510	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.190	97.500	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.060	97.580	PASS

n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_BPSK BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_BPSK BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_BPSK BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QAM16 BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QAM16 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_BPSK BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_BPSK BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM256 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QAM256 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM256 BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_QAM256 BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QAM16 BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QAM16 BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_QAM16 BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM16 BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QAM256 BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM256 BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QAM64 BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QPSK BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM64 BW=40MHz Channel=518598 RB=100@0



n41 SCS=30kHz DFT_QAM64 BW=50MHz Channel=518598 RB=128@0



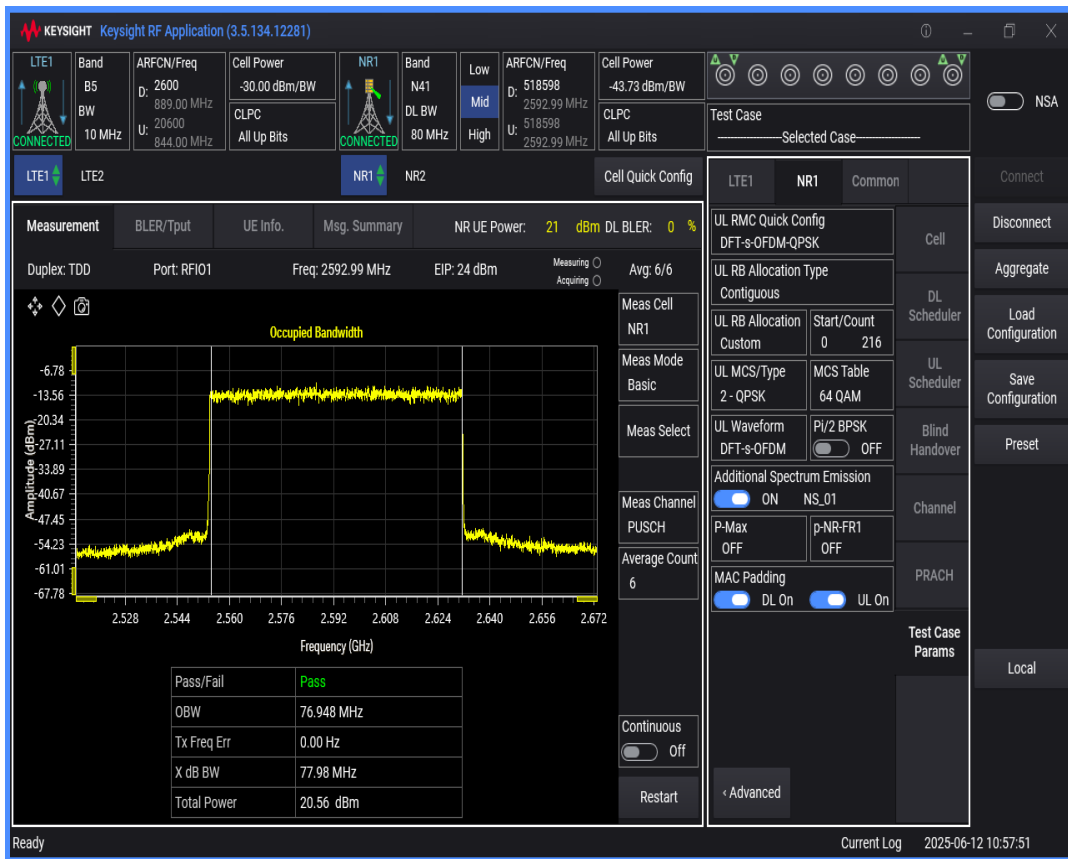
n41 SCS=30kHz DFT_QAM64 BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=518598 RB=162@0



n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=518598 RB=216@0



n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0



n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_QPSK BW=40MHz Channel=518598 RB=100@0



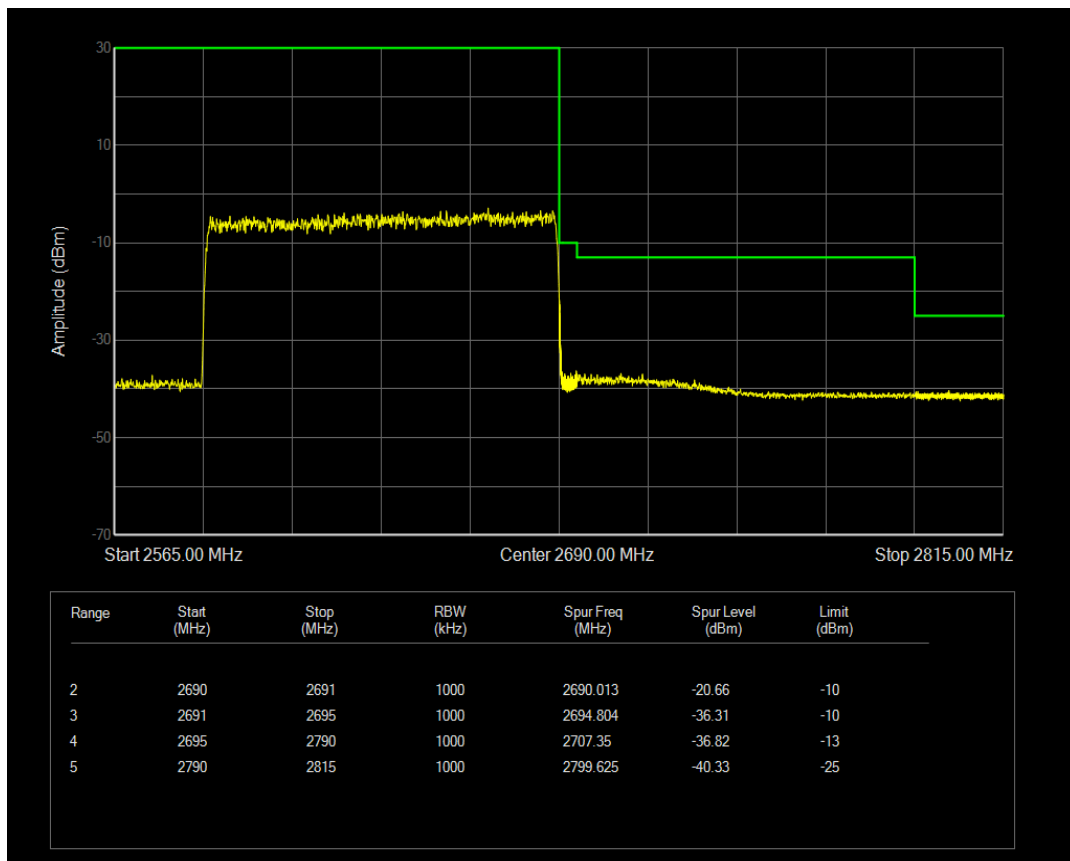
n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



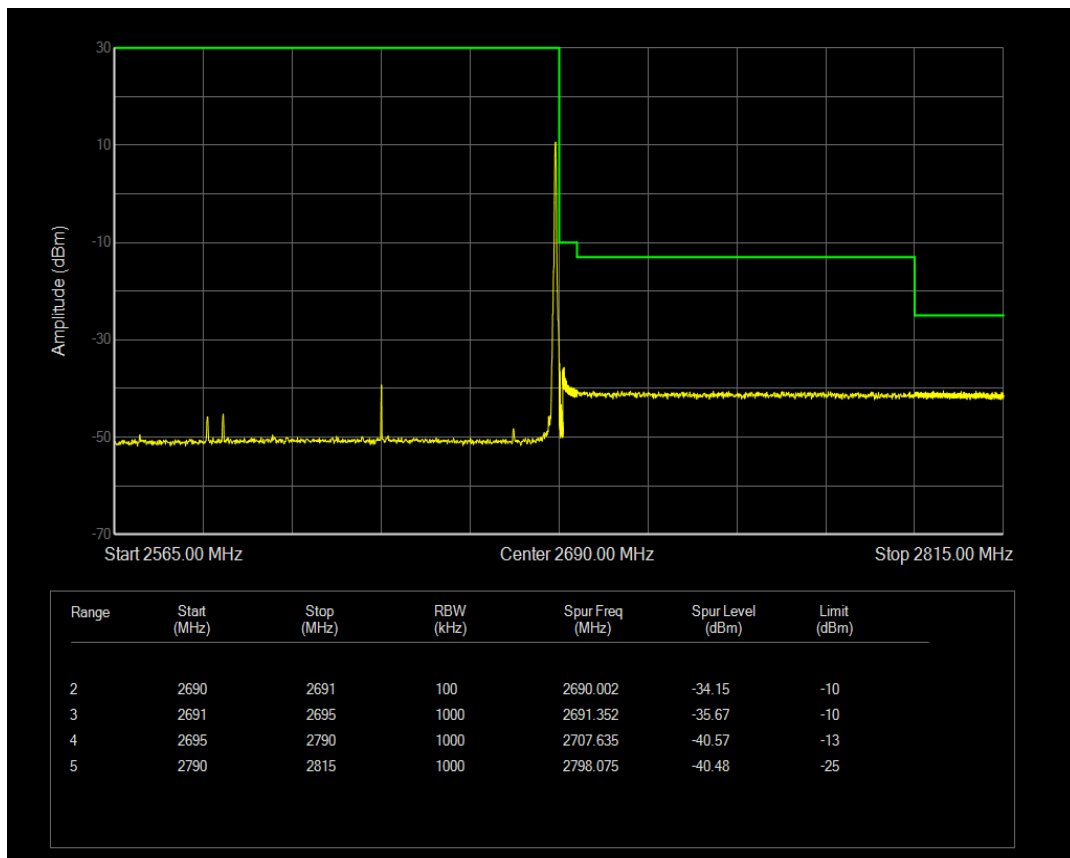
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n41	30	20	501204	51@0	CP_QPSK	2490.17	-32.45	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2489.54	-40.31	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2485.63	-39.95	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2710.69	-39.57	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2714.71	-40.45	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2714.83	-40.19	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2489.87	-33.39	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2480.35	-40.19	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2479.61	-40.20	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2690.01	-24.80	-10	PASS
n41	30	50	532998	1@0	CP_QPSK	2741.69	-40.47	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2744.23	-40.33	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2495.99	-19.90	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2485.24	-40.47	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2478.19	-40.39	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2690.01	-20.66	-10	PASS
n41	30	100	528000	1@0	CP_QPSK	2806.08	-40.49	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2798.08	-40.48	-25	PASS

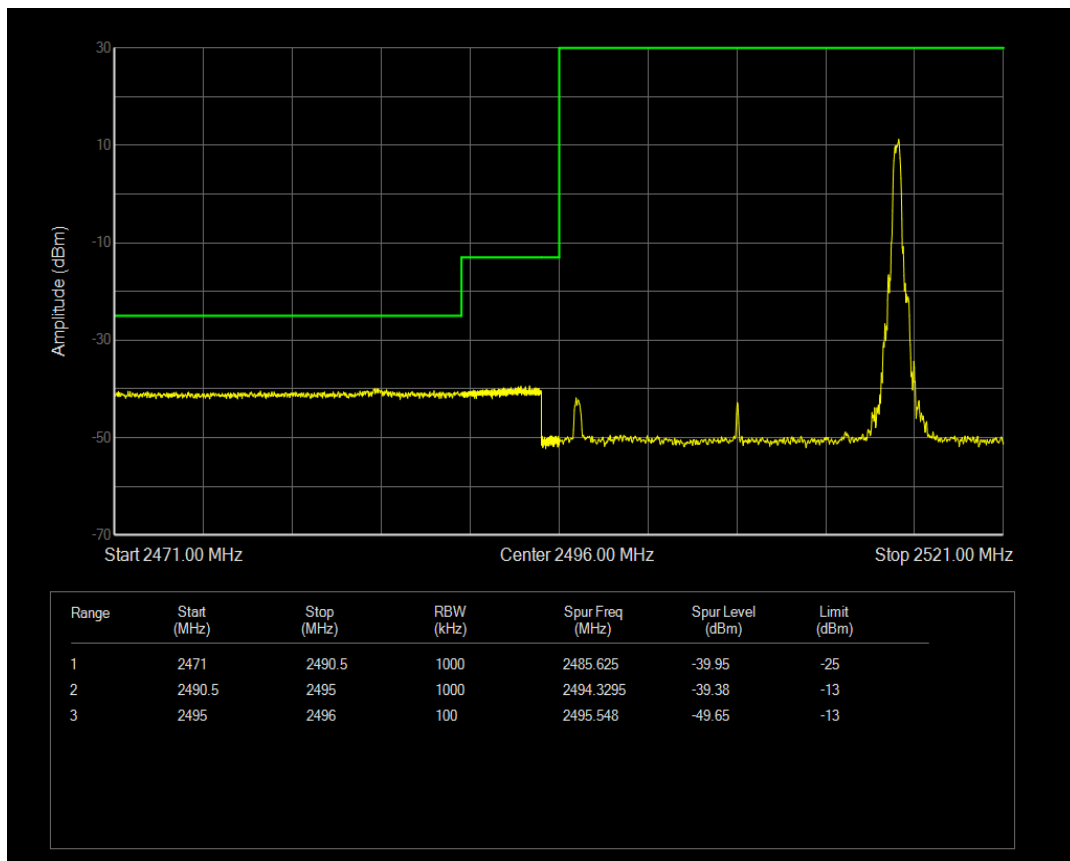
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0



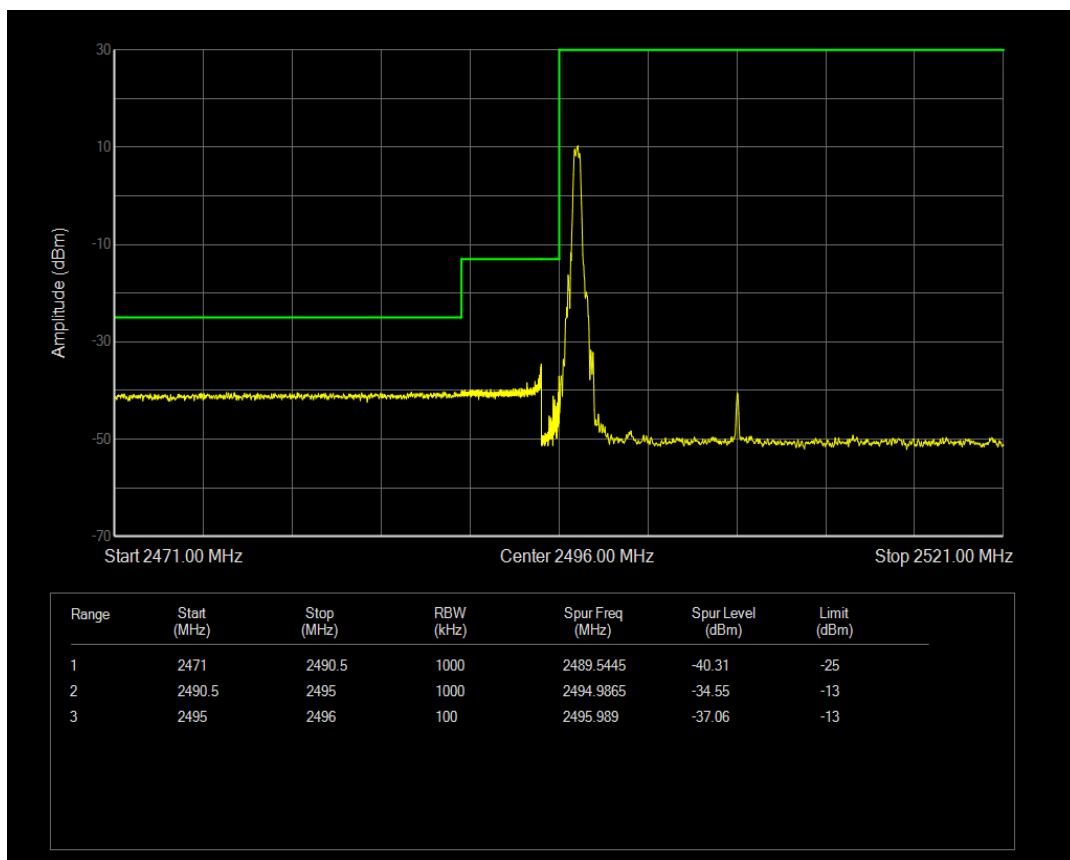
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272



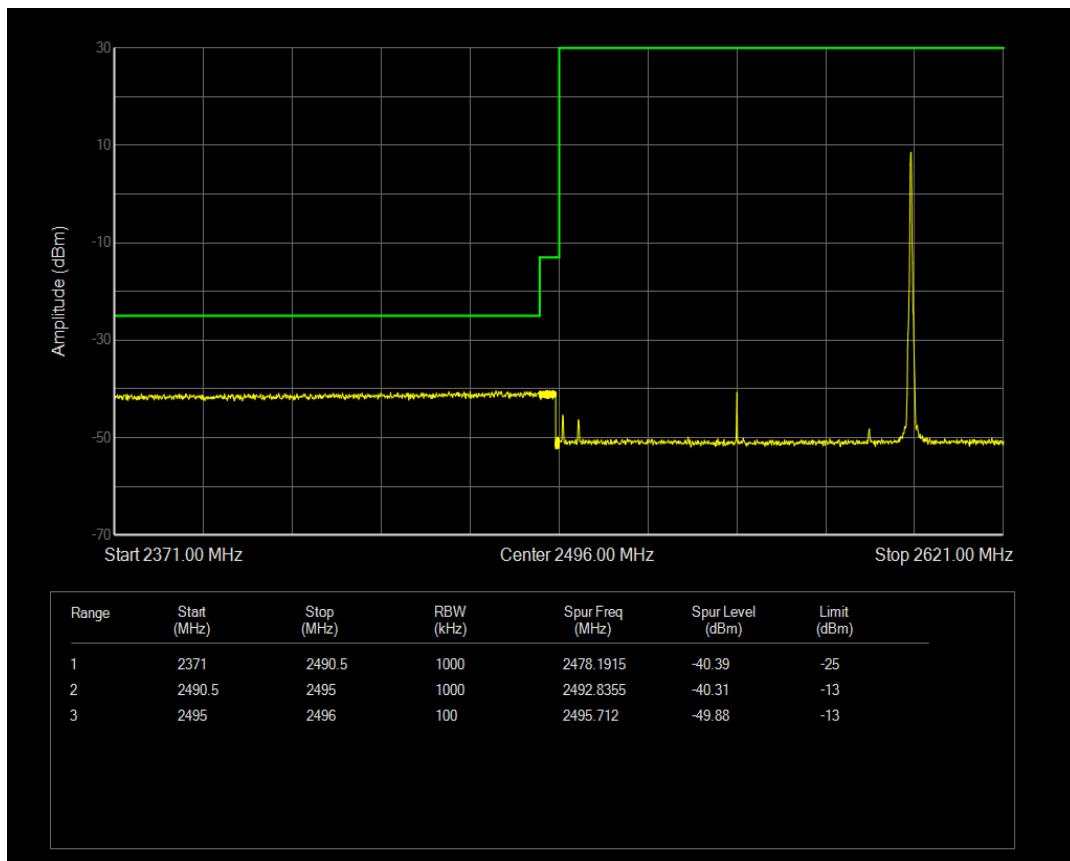
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@50



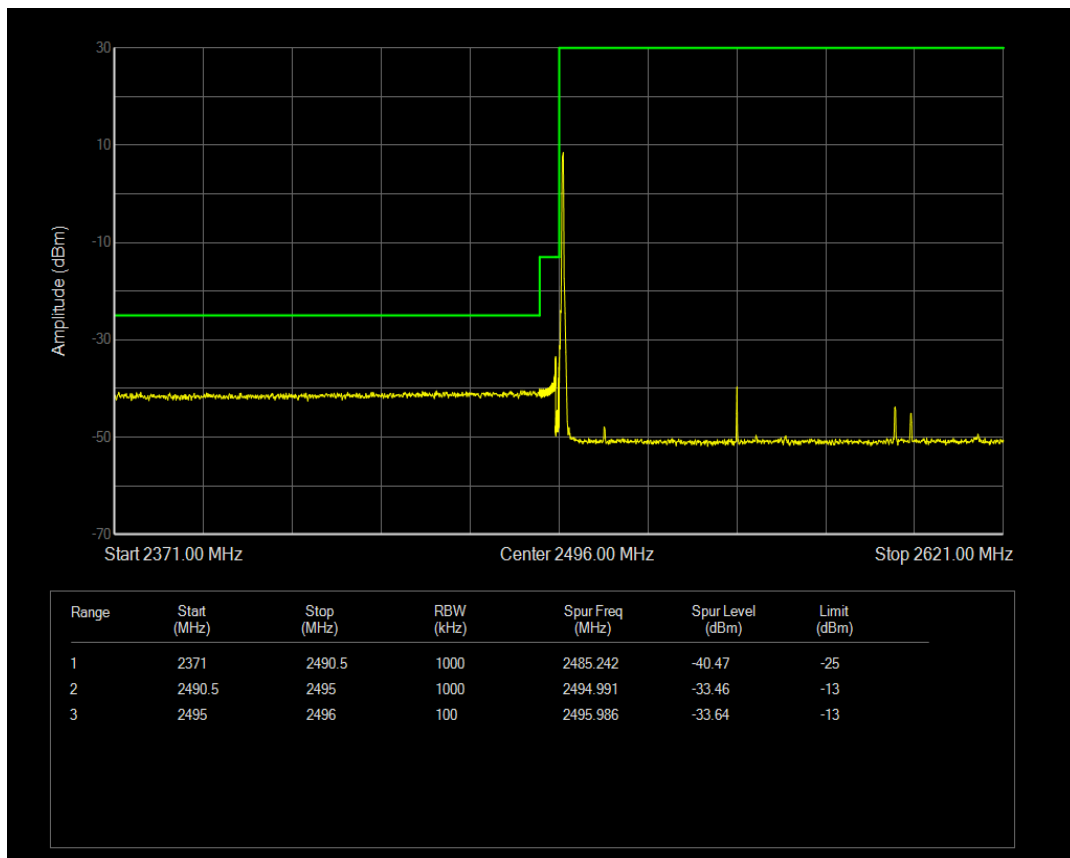
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=1@0



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



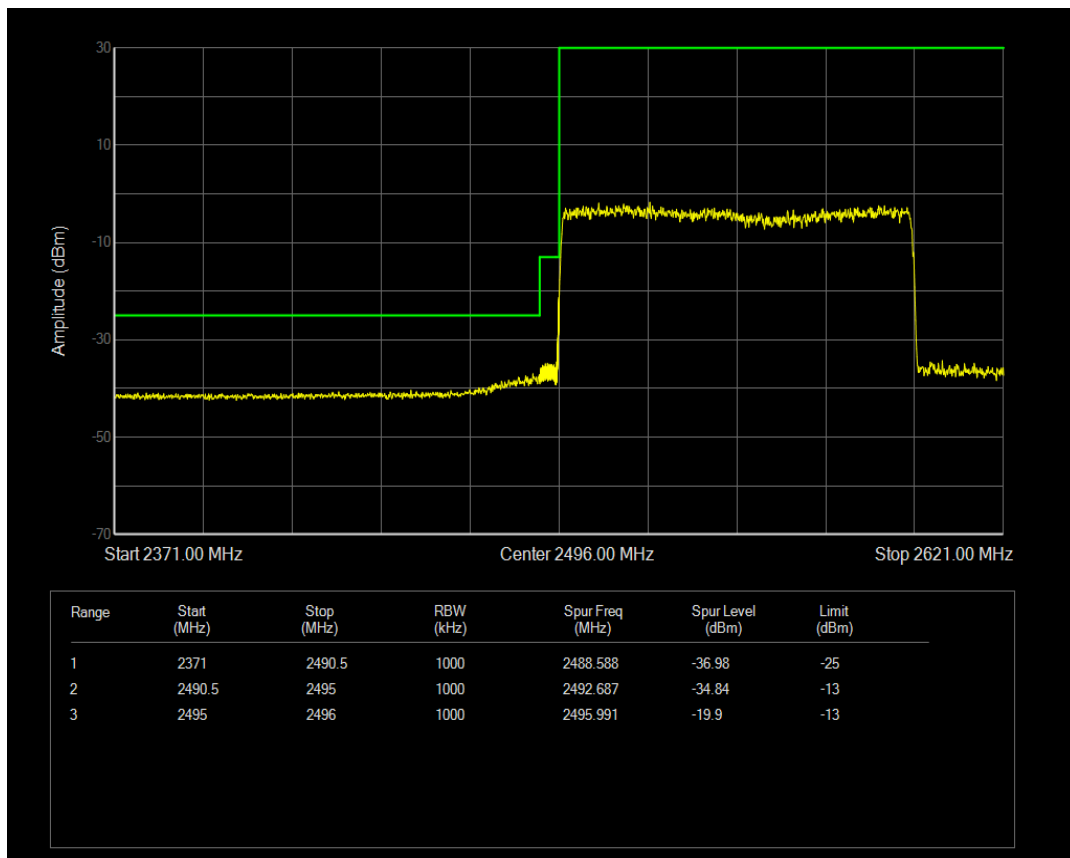
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0



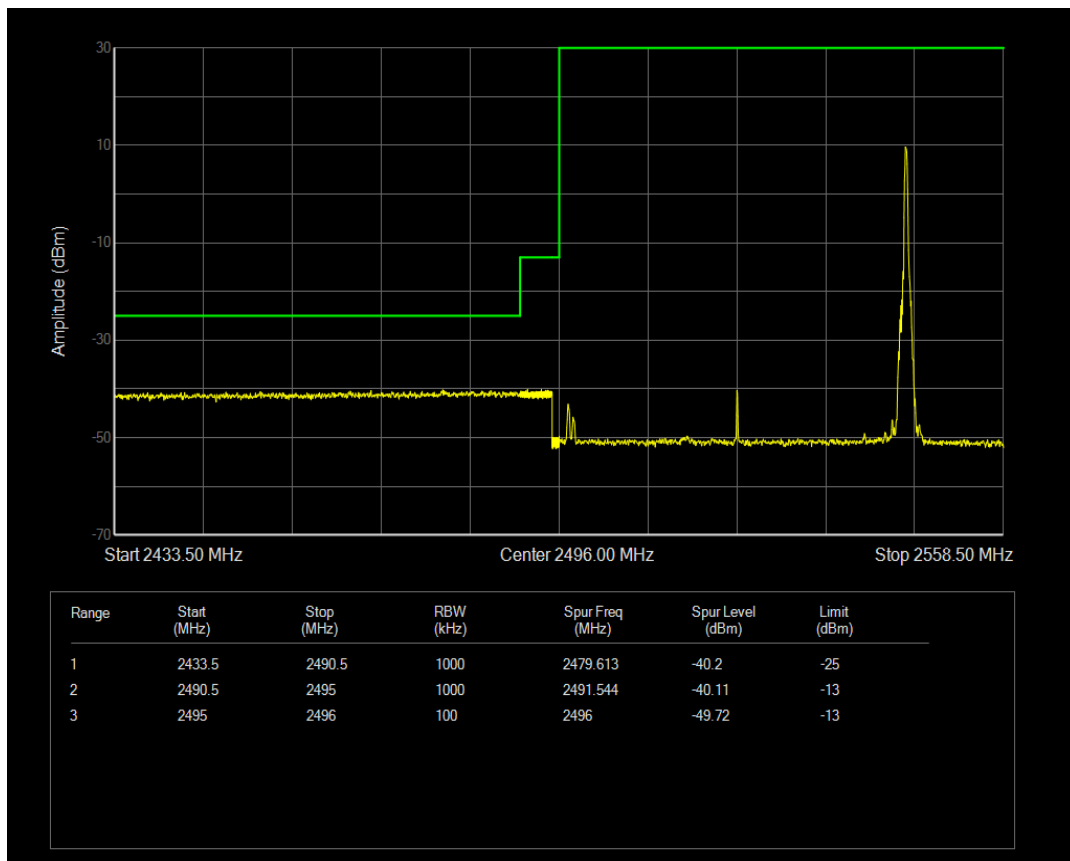
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0



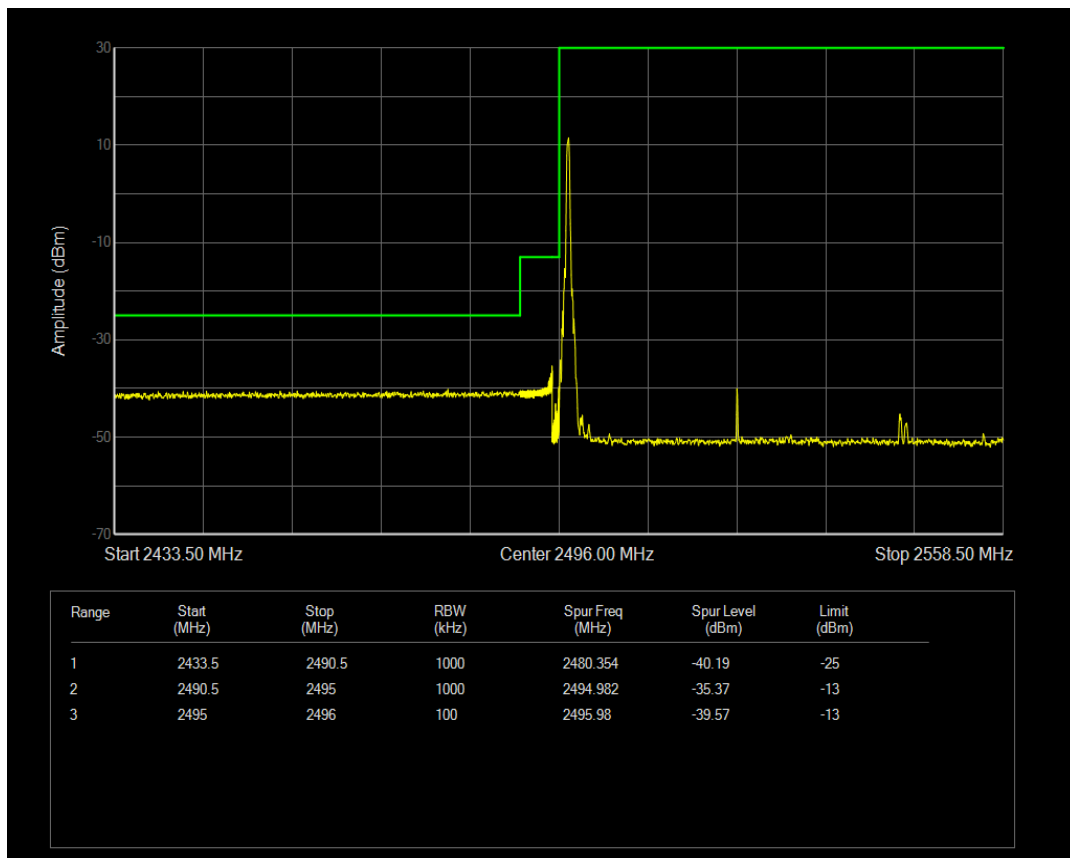
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0



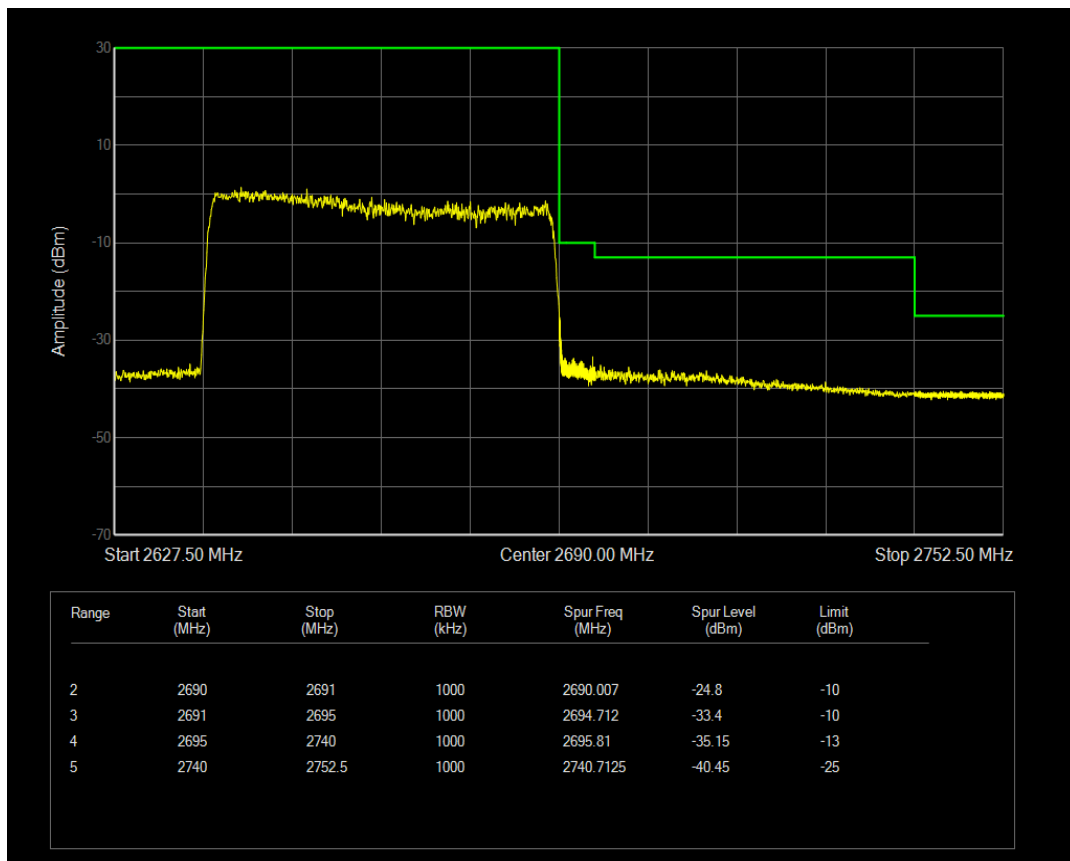
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@132



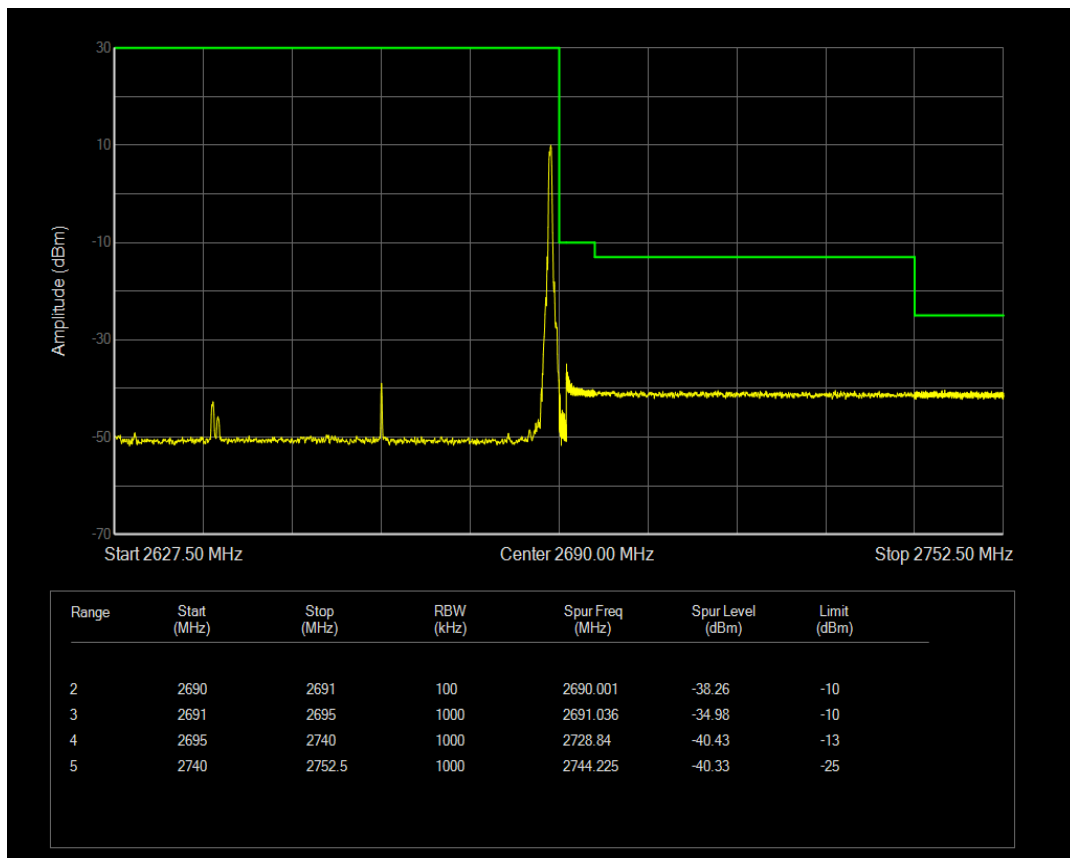
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@0



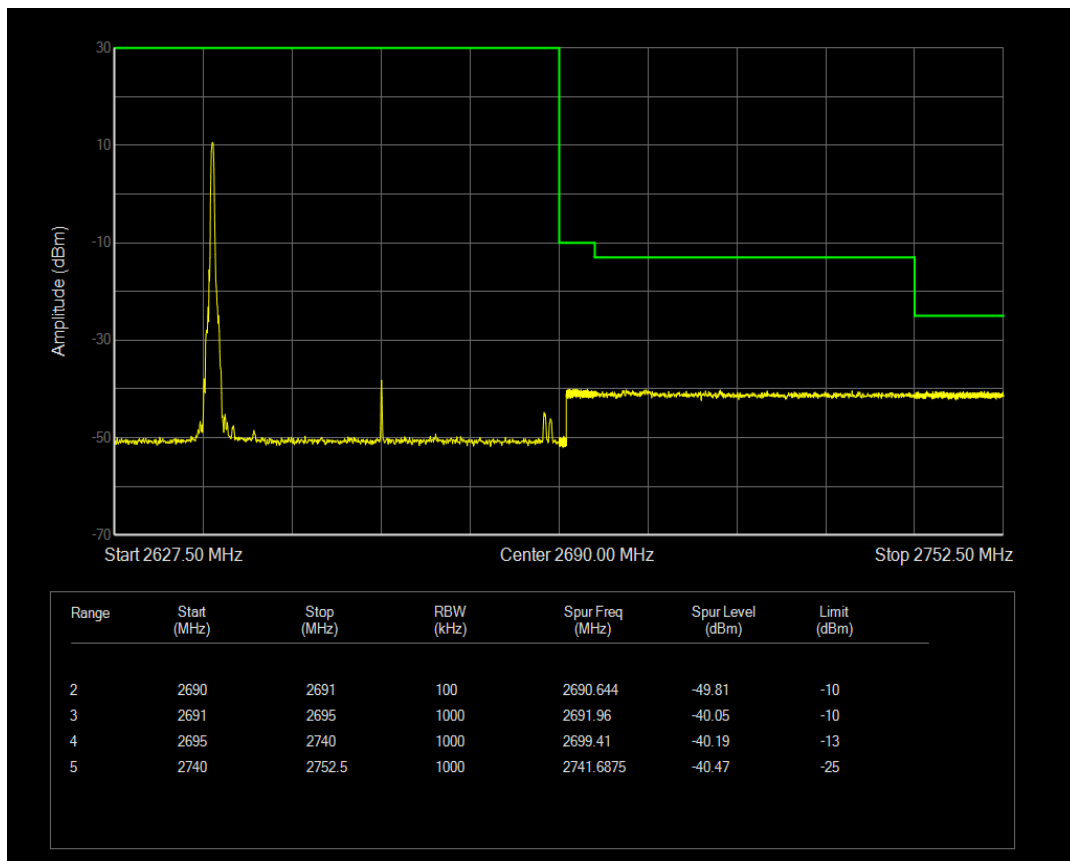
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=133@0



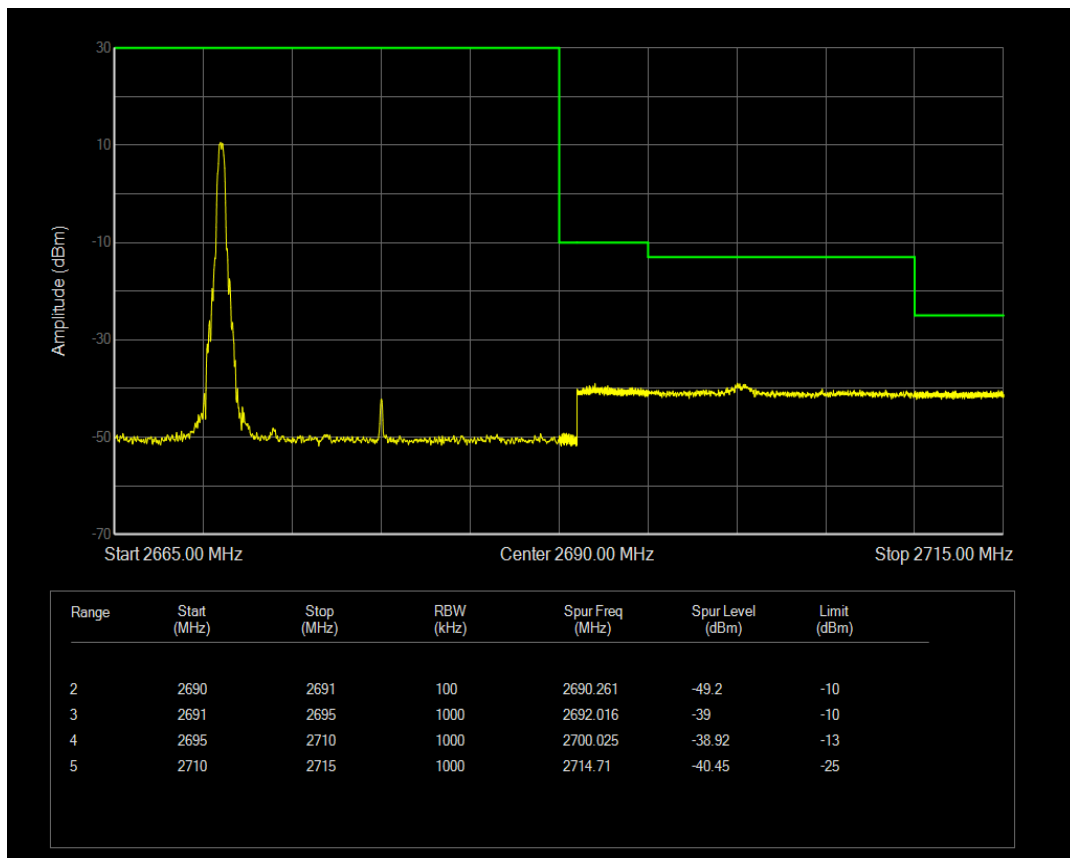
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@132



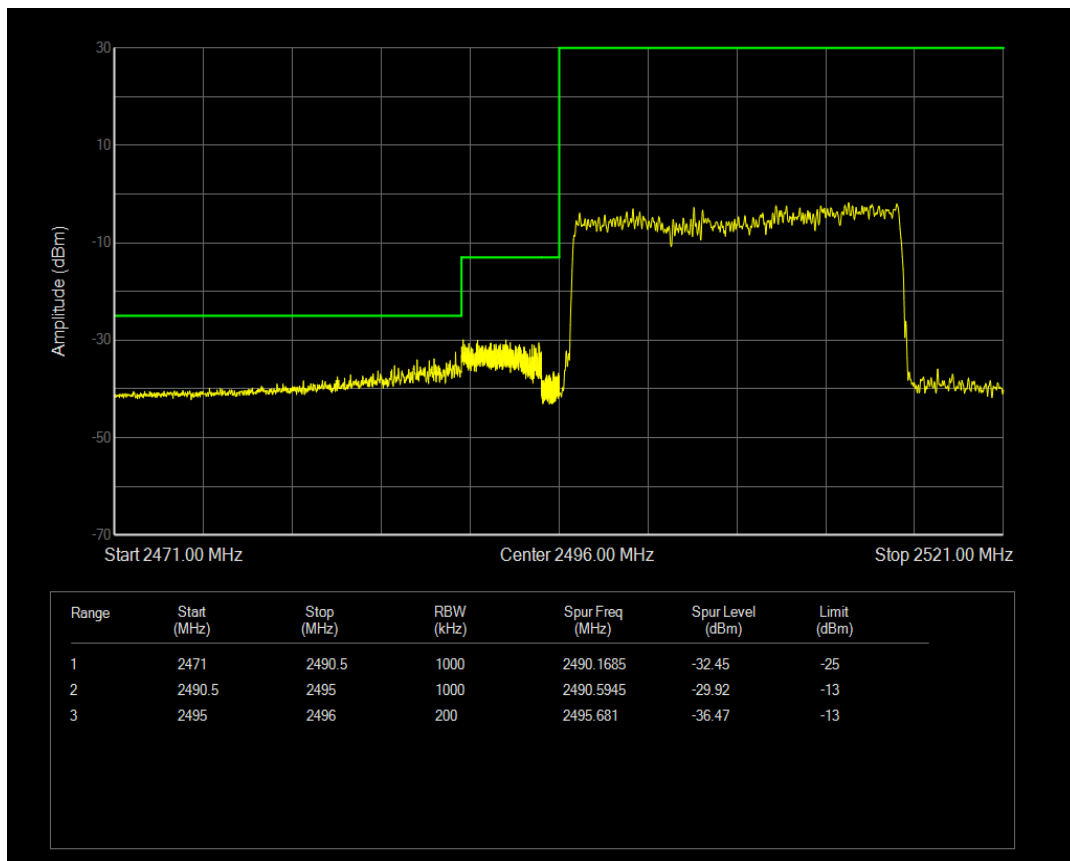
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@0



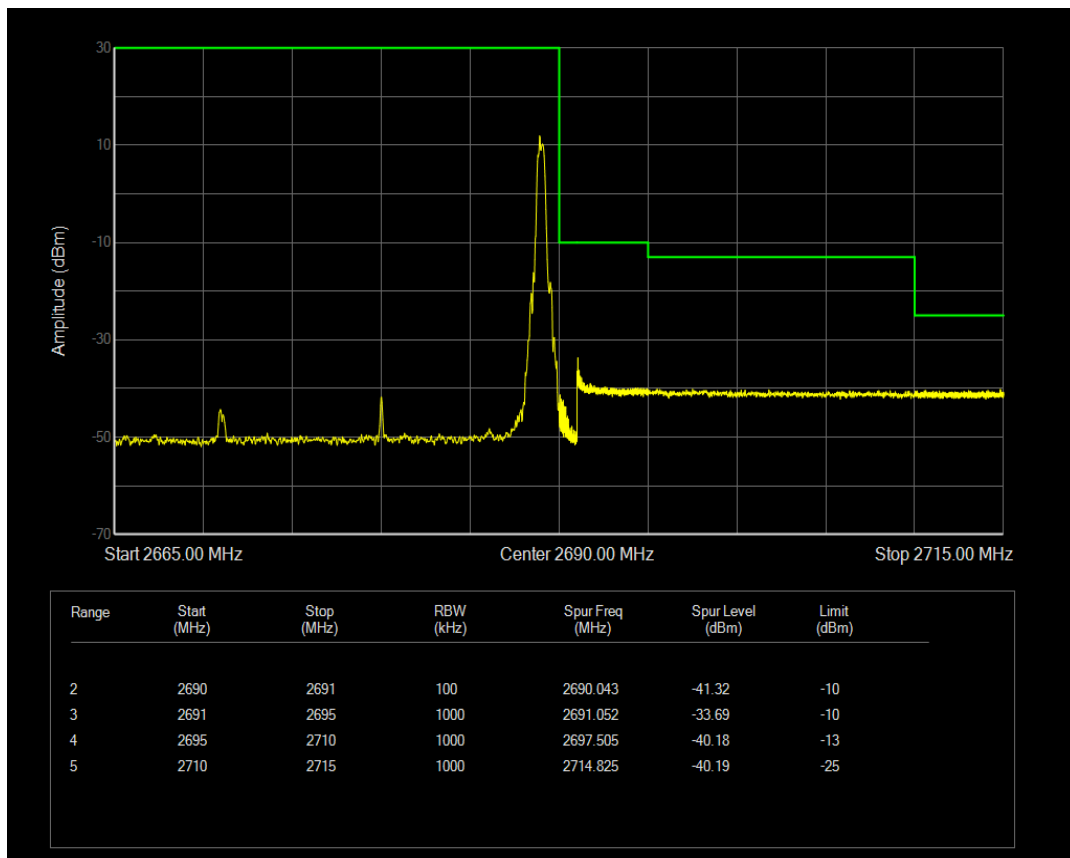
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@0



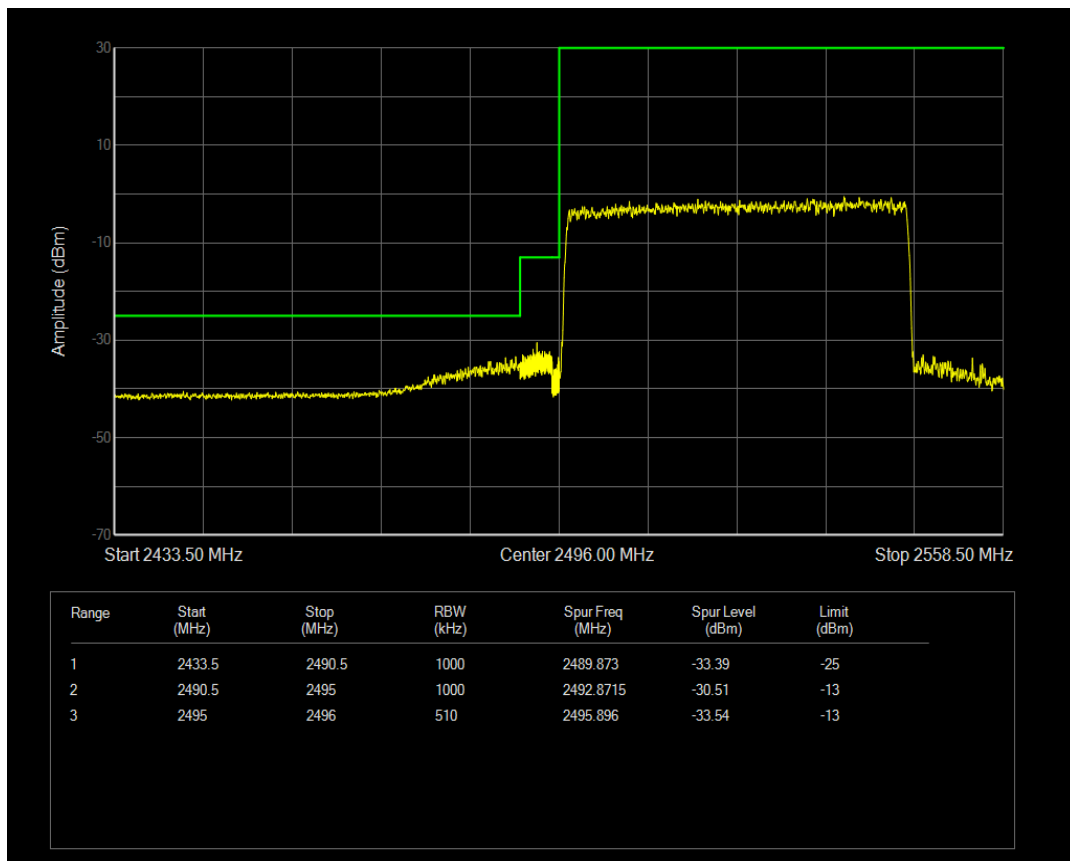
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0



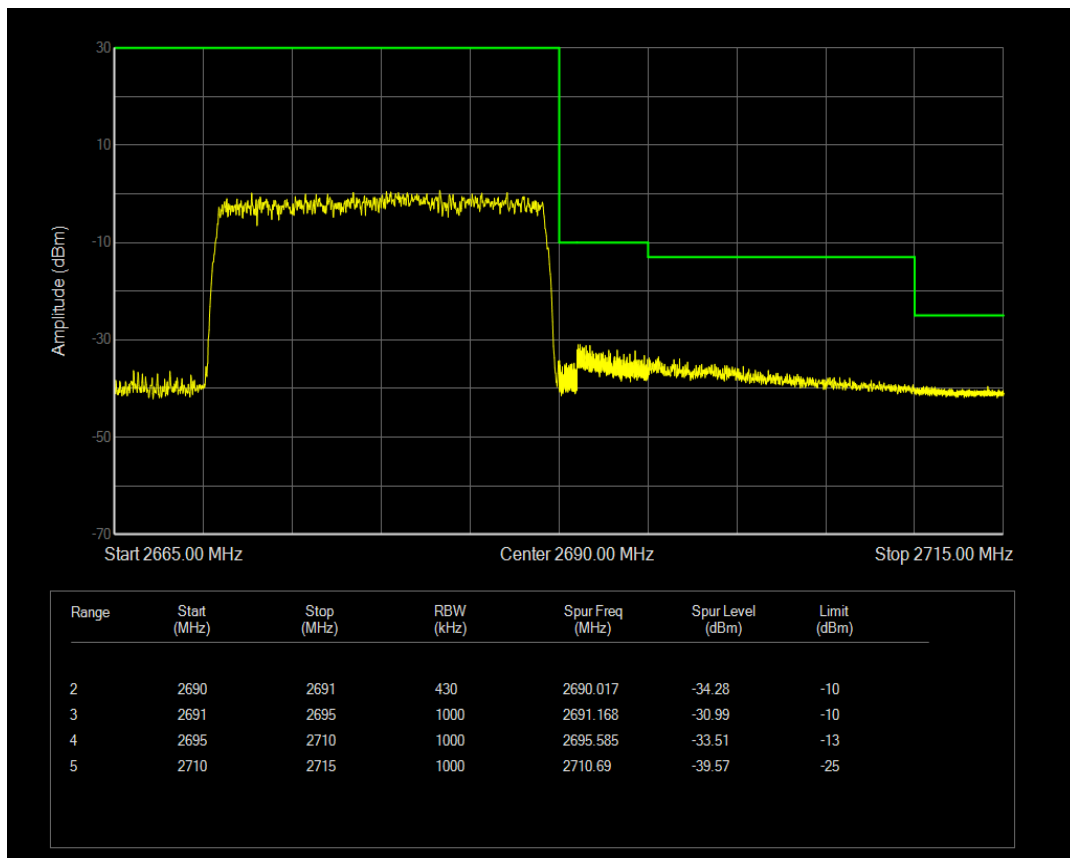
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=1@50



n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=133@0



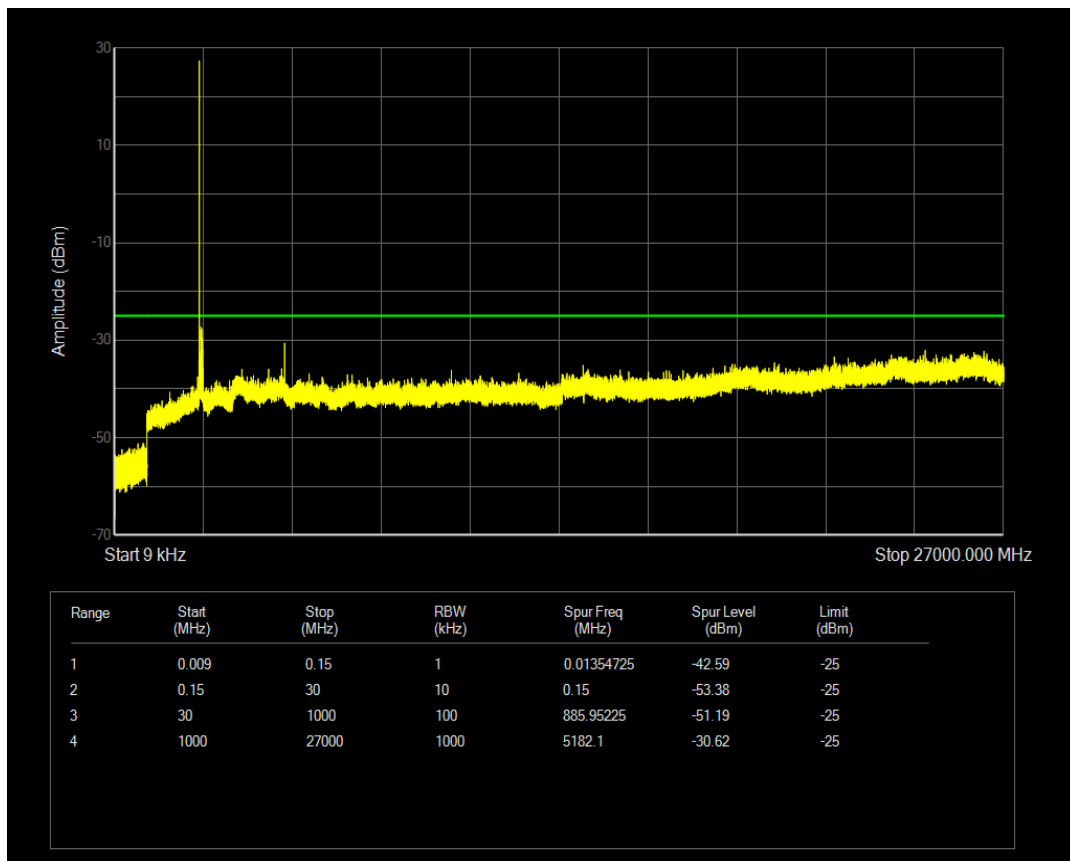
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



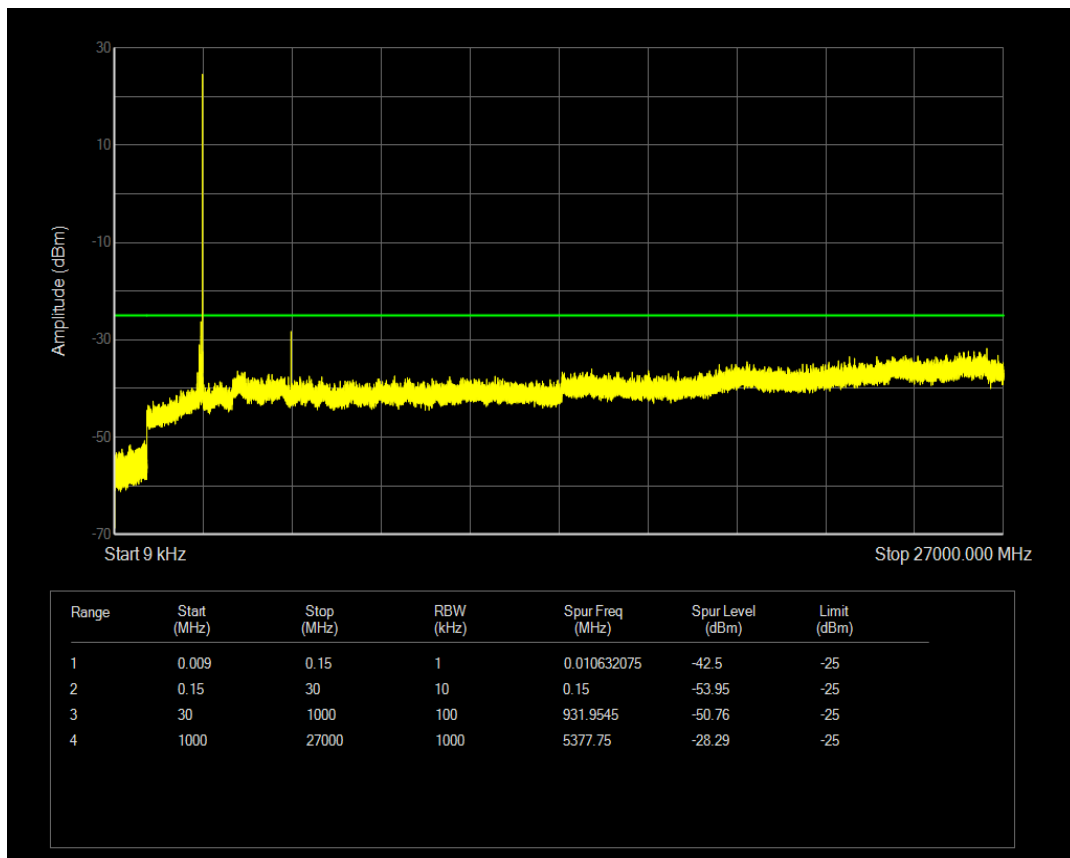
6 Out-of-band emissions for EN-DC

<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Spur Freq (MHz)</i>	<i>Spur Level (dBm)</i>	<i>Limit (dBm)</i>	<i>Verdict</i>
n41	30	20	501204	51@0	CP_QPSK	26200.50	-32.30	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	25753.95	-32.06	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	26395.50	-32.43	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	25733.80	-32.61	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	5342.00	-26.80	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	5377.75	-27.45	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	25954.80	-31.84	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	25999.65	-32.40	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	24994.75	-31.73	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	23670.05	-31.92	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	24800.40	-32.31	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	5377.75	-30.46	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	26116.65	-31.60	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	26402.65	-31.45	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	5189.90	-31.23	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	26357.80	-32.10	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	5182.10	-30.62	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	5377.75	-28.29	-25	PASS

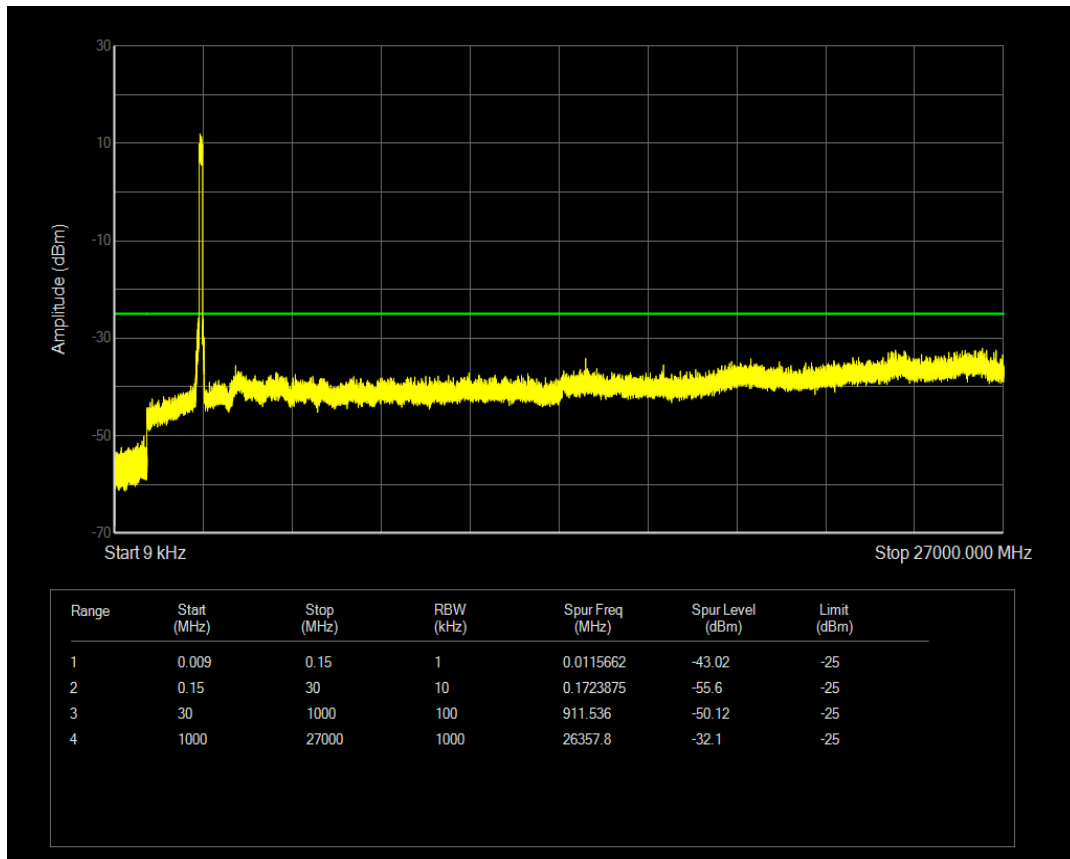
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@0



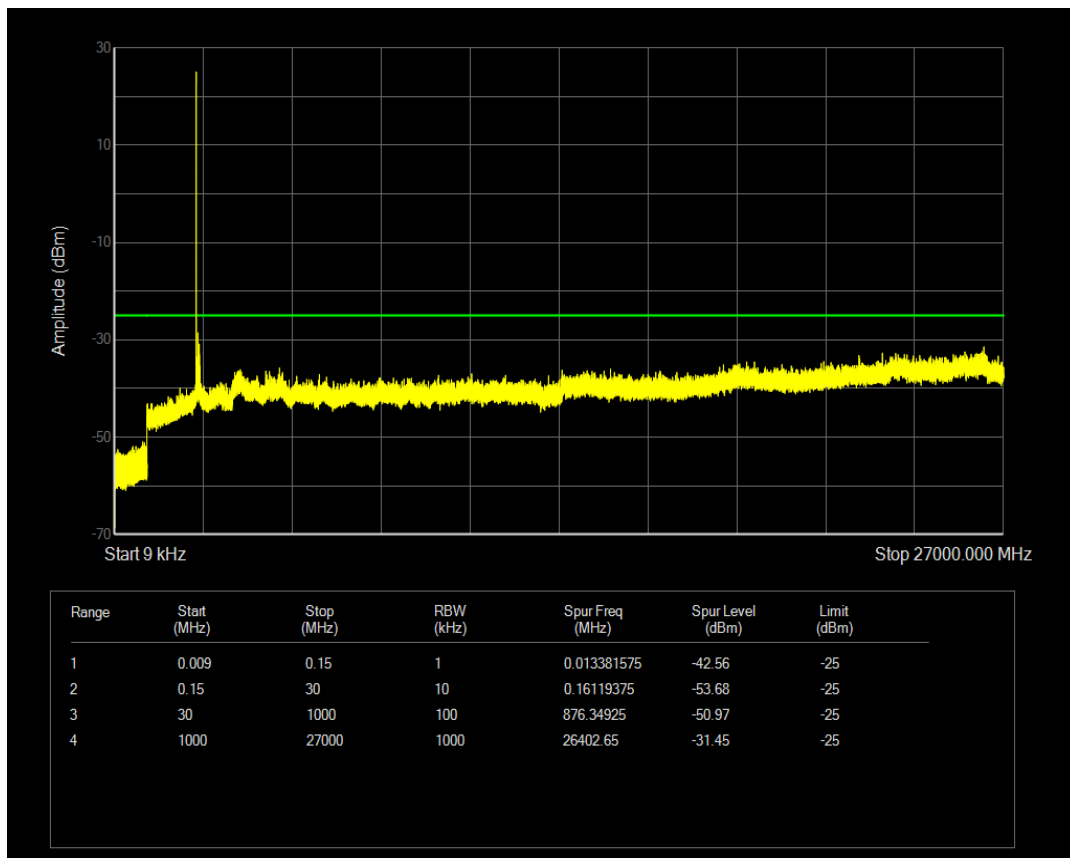
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=1@272



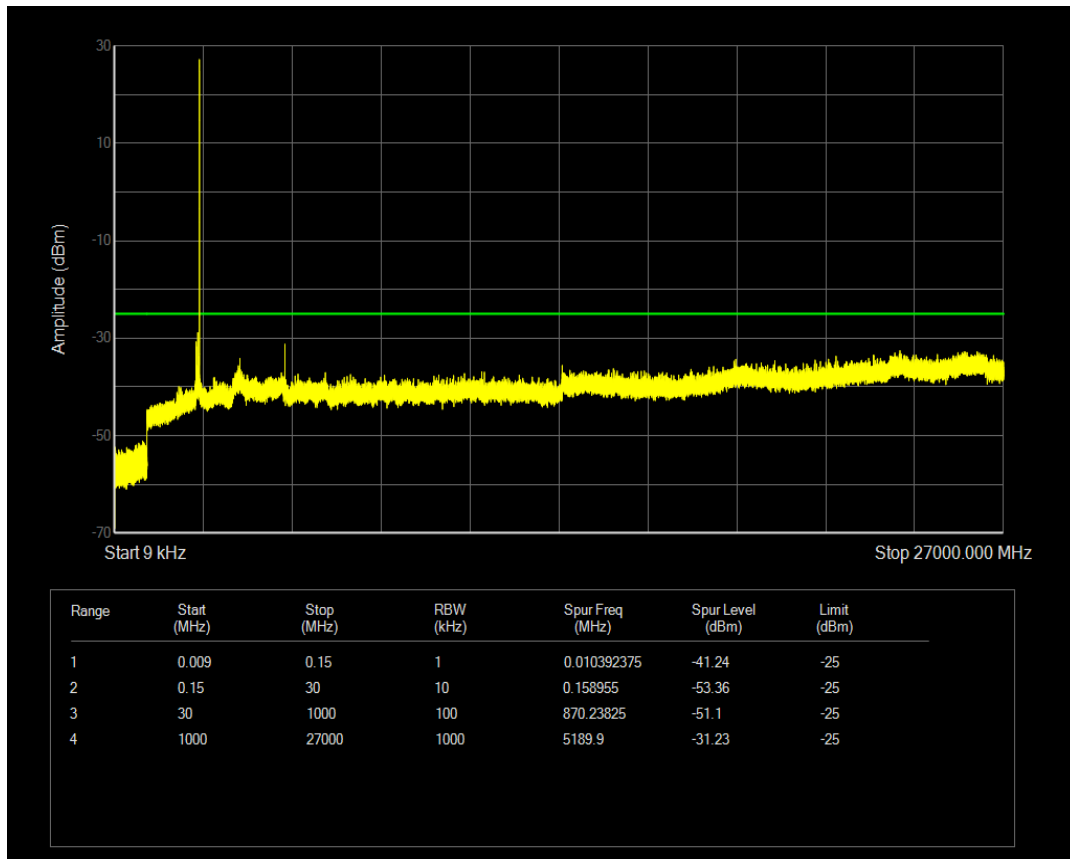
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0



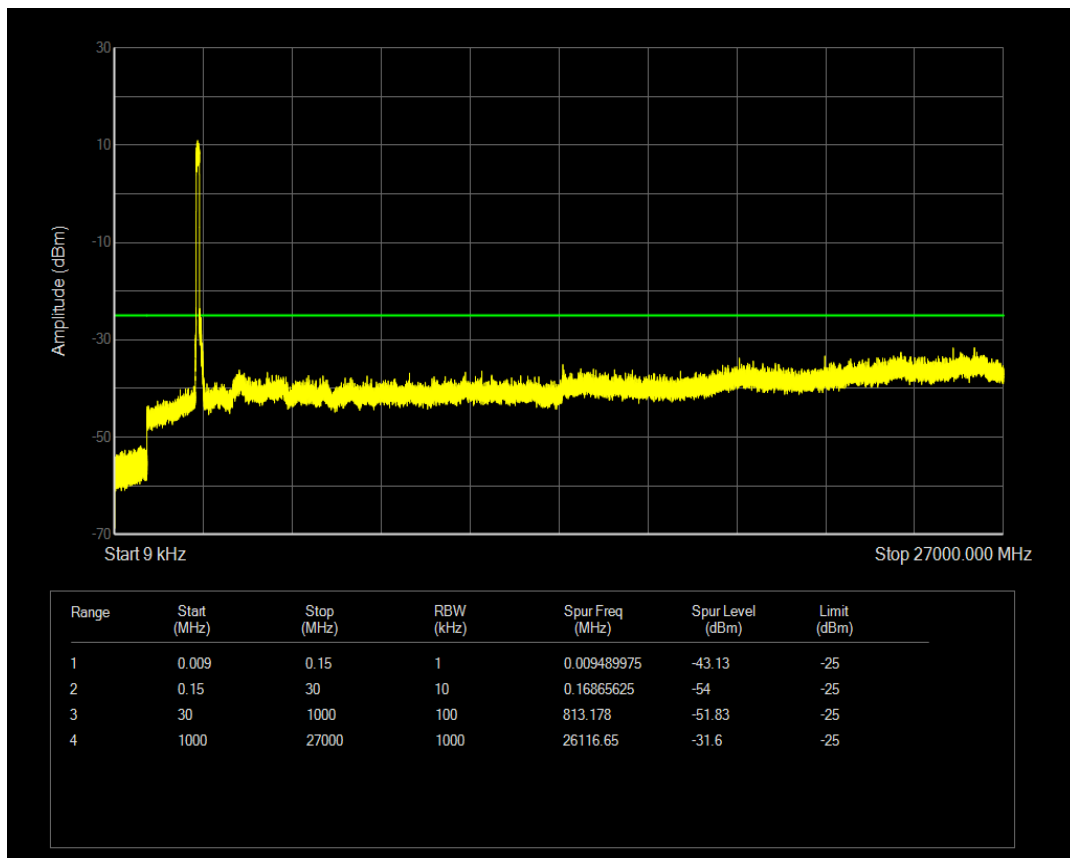
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@0



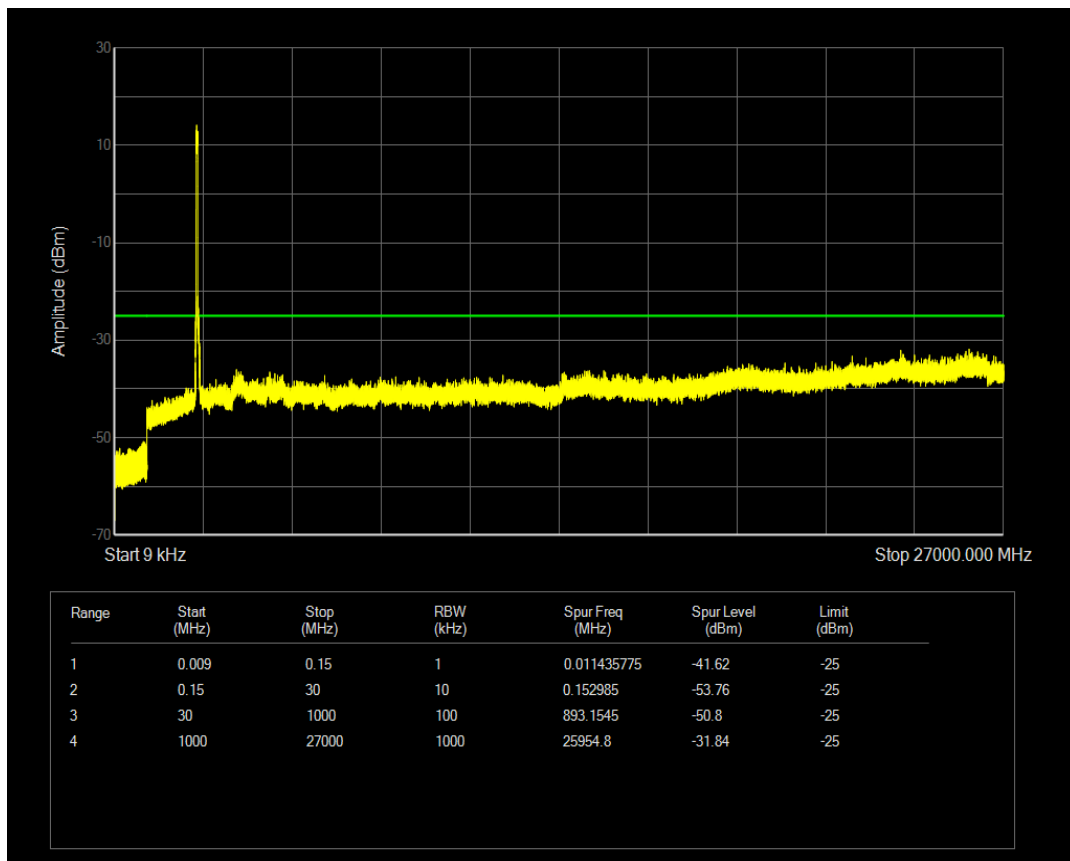
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=1@272



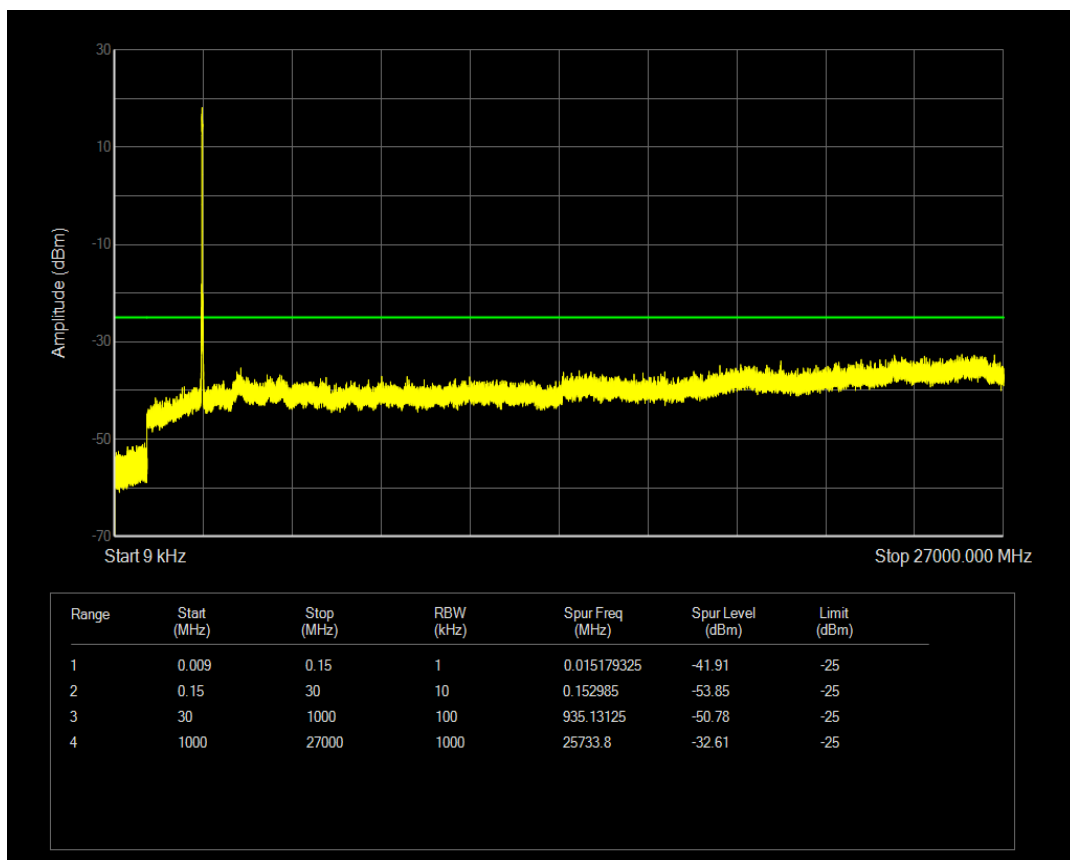
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=509202 RB=273@0



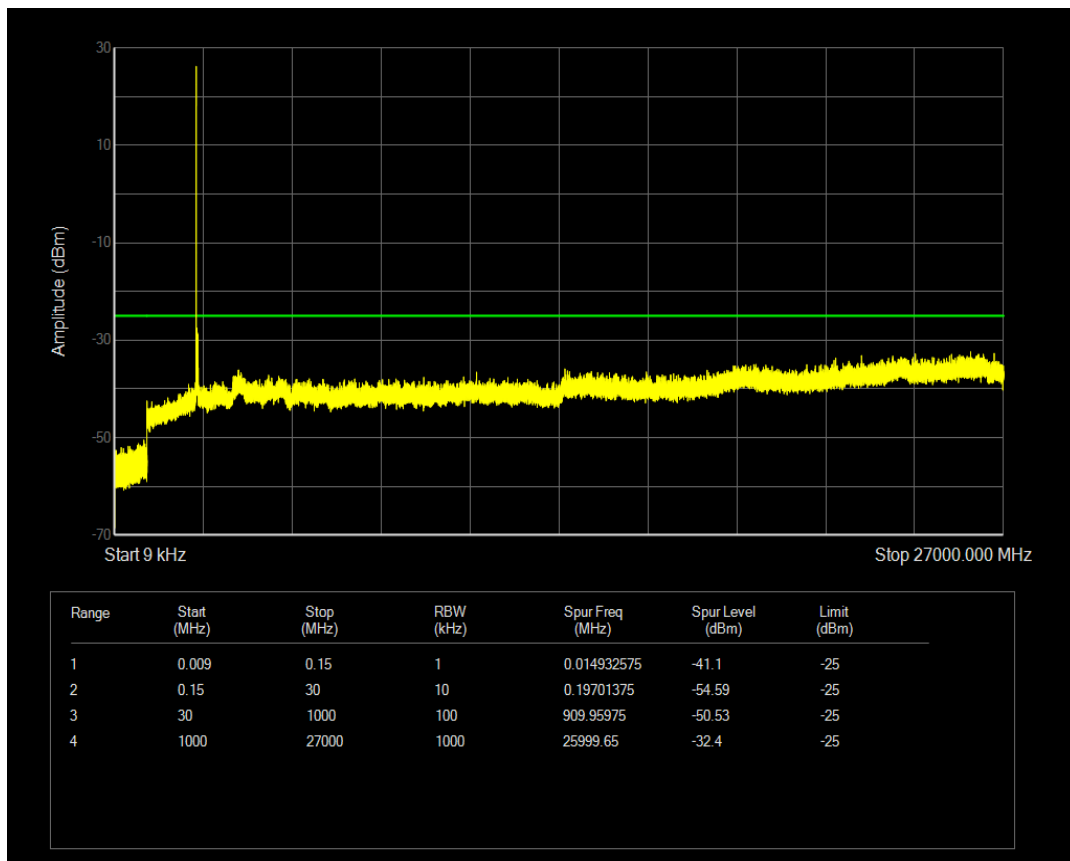
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=133@0



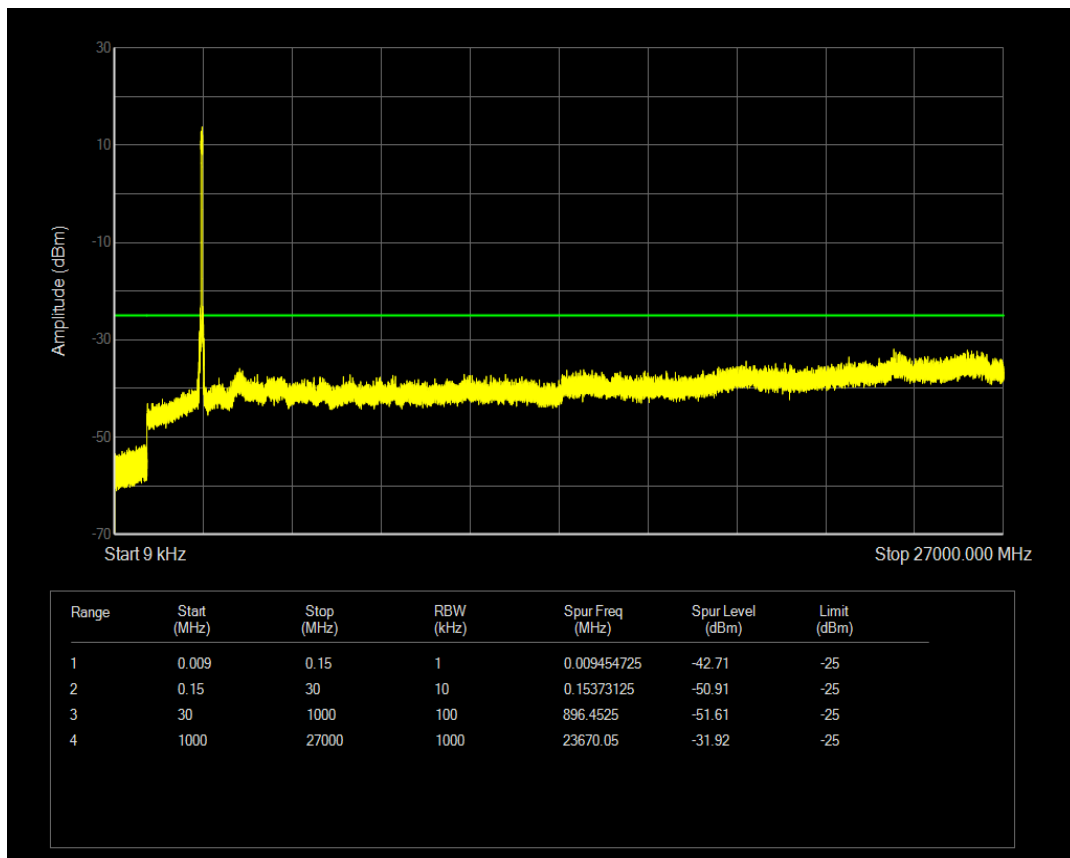
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



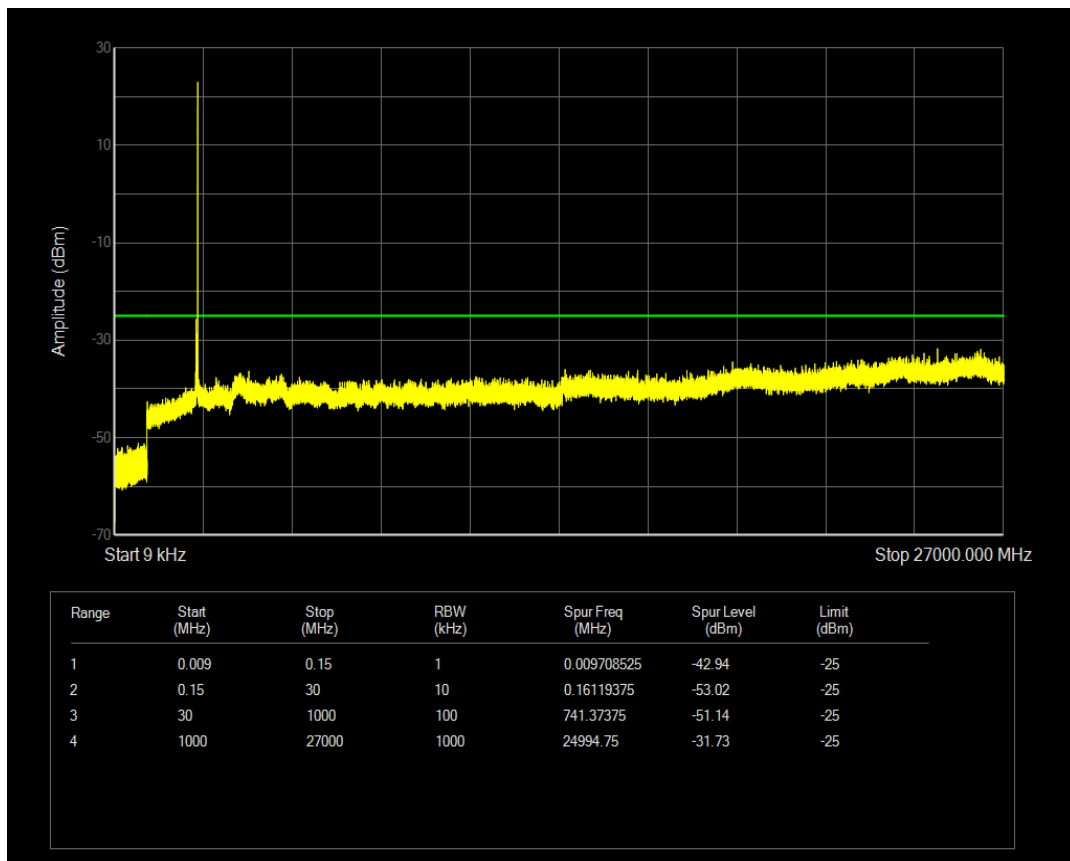
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@0



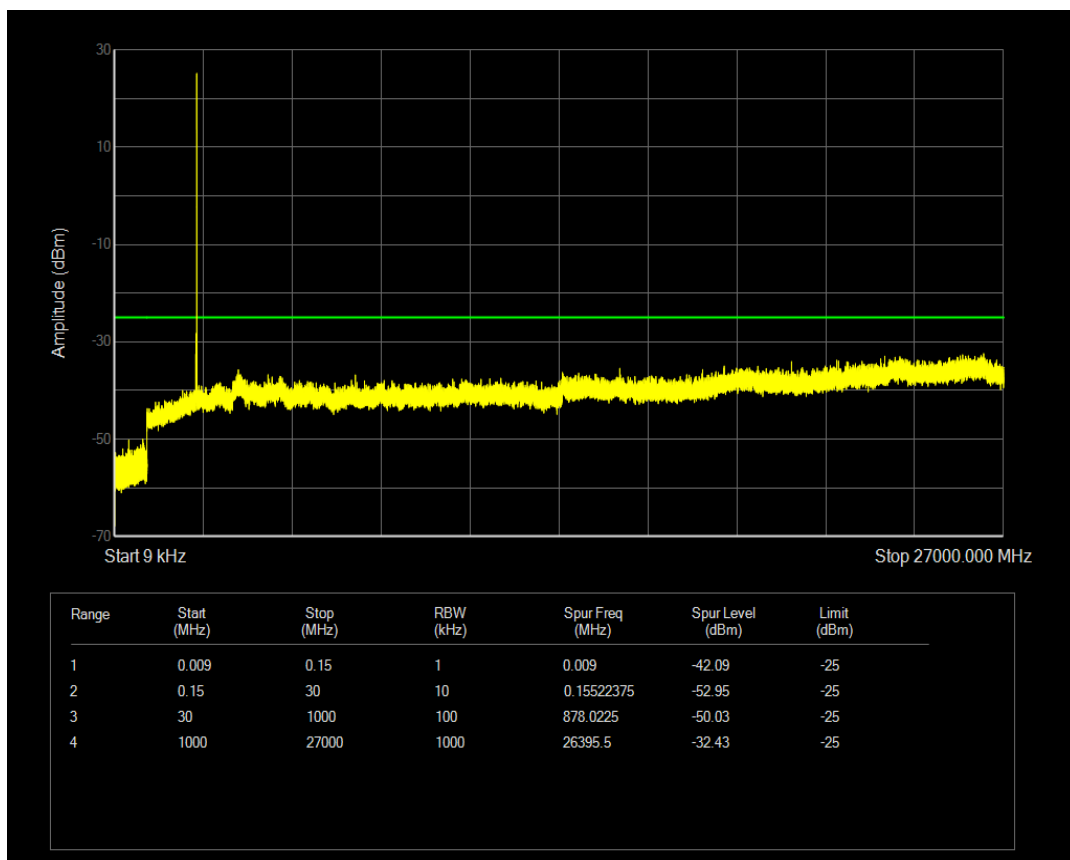
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=133@0



n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@132



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



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