

4 Occupied bandwidth for NR FR1

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	18.120	18.260	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.110	18.290	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.030	18.250	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.060	18.270	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.930	18.230	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.410	36.330	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.510	36.370	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.360	36.320	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.500	36.430	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.340	36.280	PASS
n41	30	50	518598	128@0	DFT_BPSK	47.030	46.350	PASS
n41	30	50	518598	128@0	DFT_QPSK	46.890	46.390	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.950	46.260	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.010	46.420	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.020	46.310	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.710	58.590	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.780	58.570	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.630	58.690	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.600	58.550	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.620	58.530	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.050	78.150	PASS
n41	30	80	518598	216@0	DFT_QPSK	76.940	78.190	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.930	78.070	PASS
n41	30	80	518598	216@0	DFT_QAM64	76.920	78.180	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.020	78.170	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.570	86.790	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.650	86.740	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.560	86.750	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.430	86.800	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.550	86.740	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.450	97.530	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.330	97.590	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.420	97.610	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.450	97.580	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.460	97.520	PASS

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



n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598 RB=50@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_BPSK BW=60MHz Channel=518598 RB=162@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_QAM16 BW=100MHz Channel=518598 RB=270@0



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



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



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



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



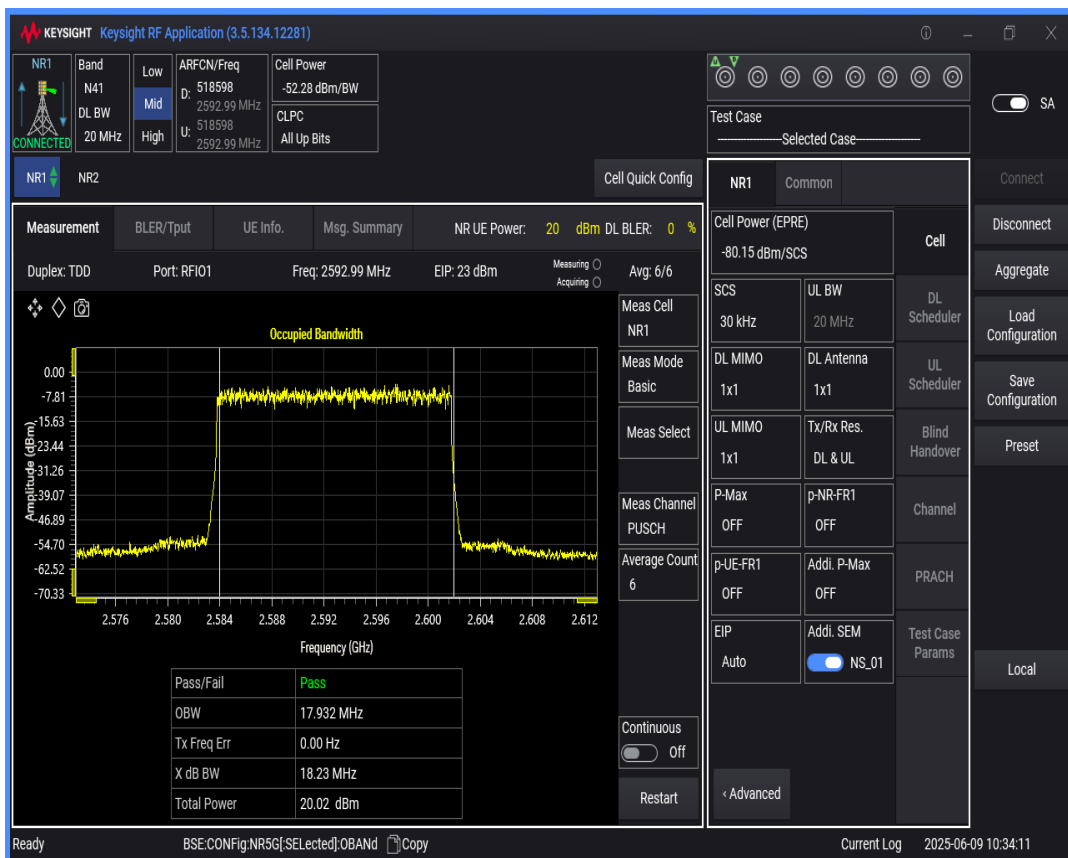
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n41 SCS=30kHz DFT_QAM256 BW=50MHz Channel=518598 RB=128@0



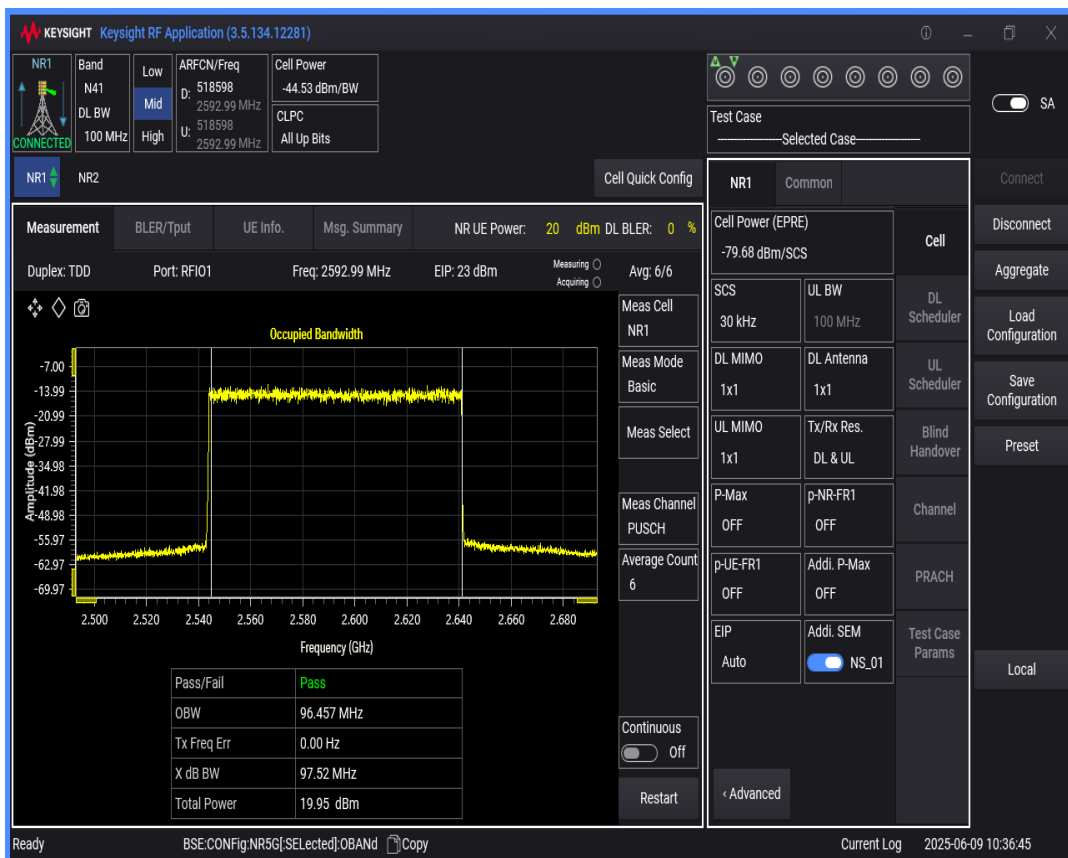
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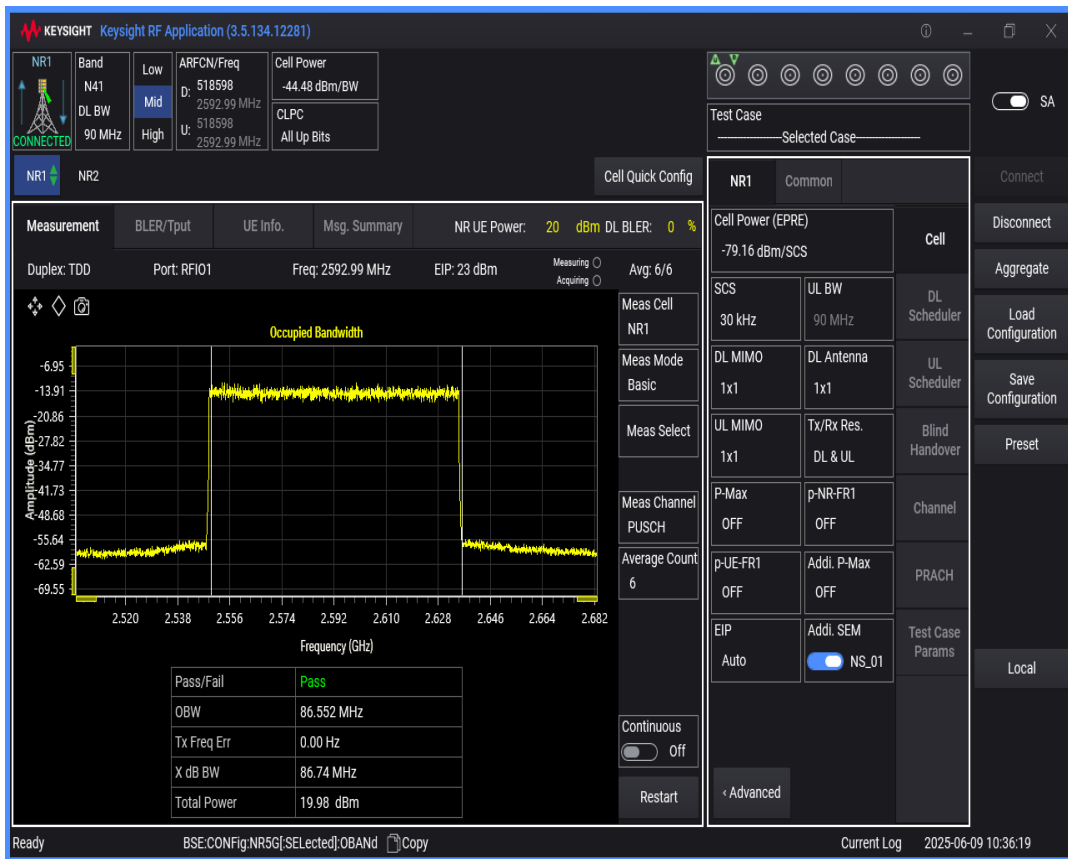
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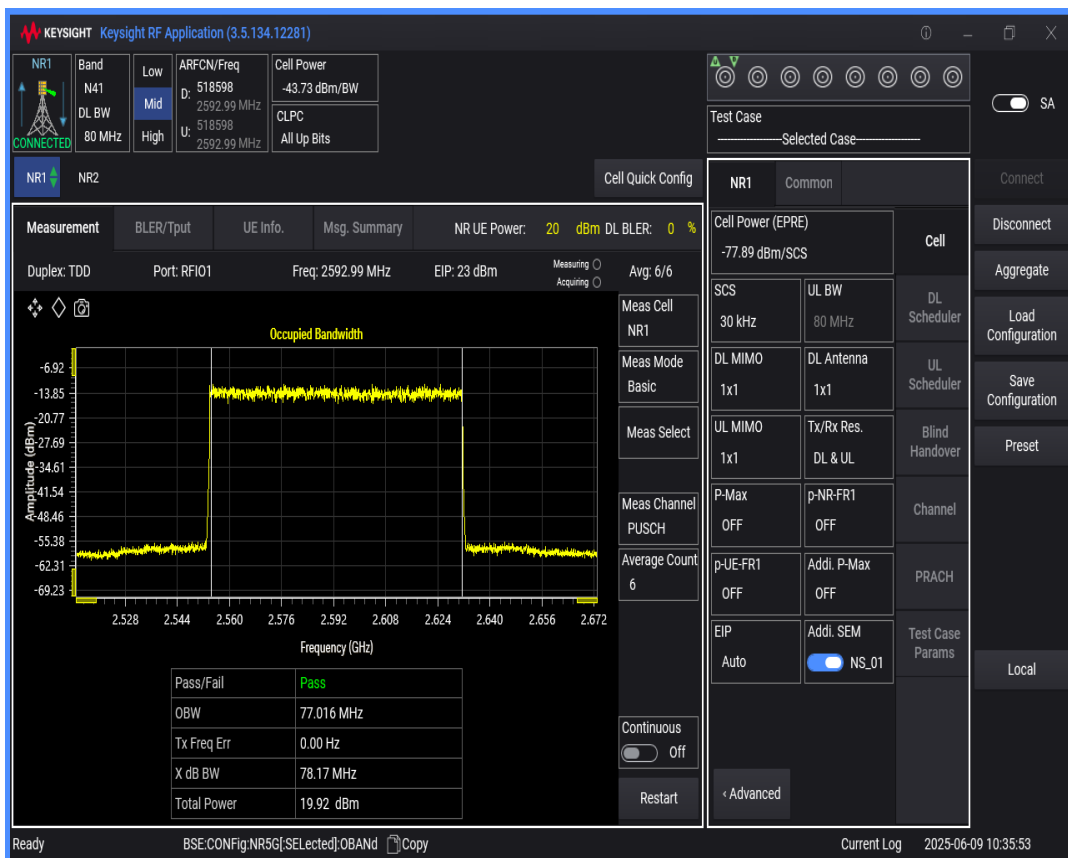
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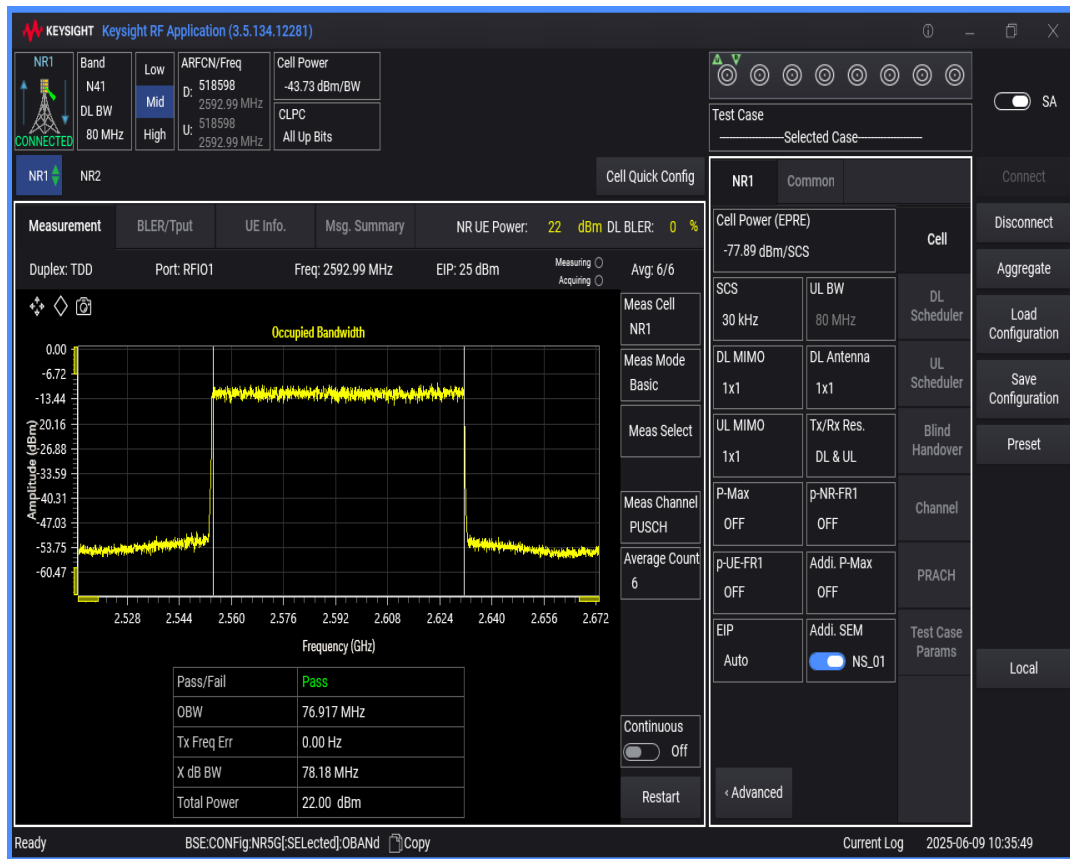
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n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=518598 RB=240@0



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



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



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



n41 SCS=30kHz DFT_QAM64 BW=40MHz Channel=518598 RB=100@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=50MHz Channel=518598 RB=128@0



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



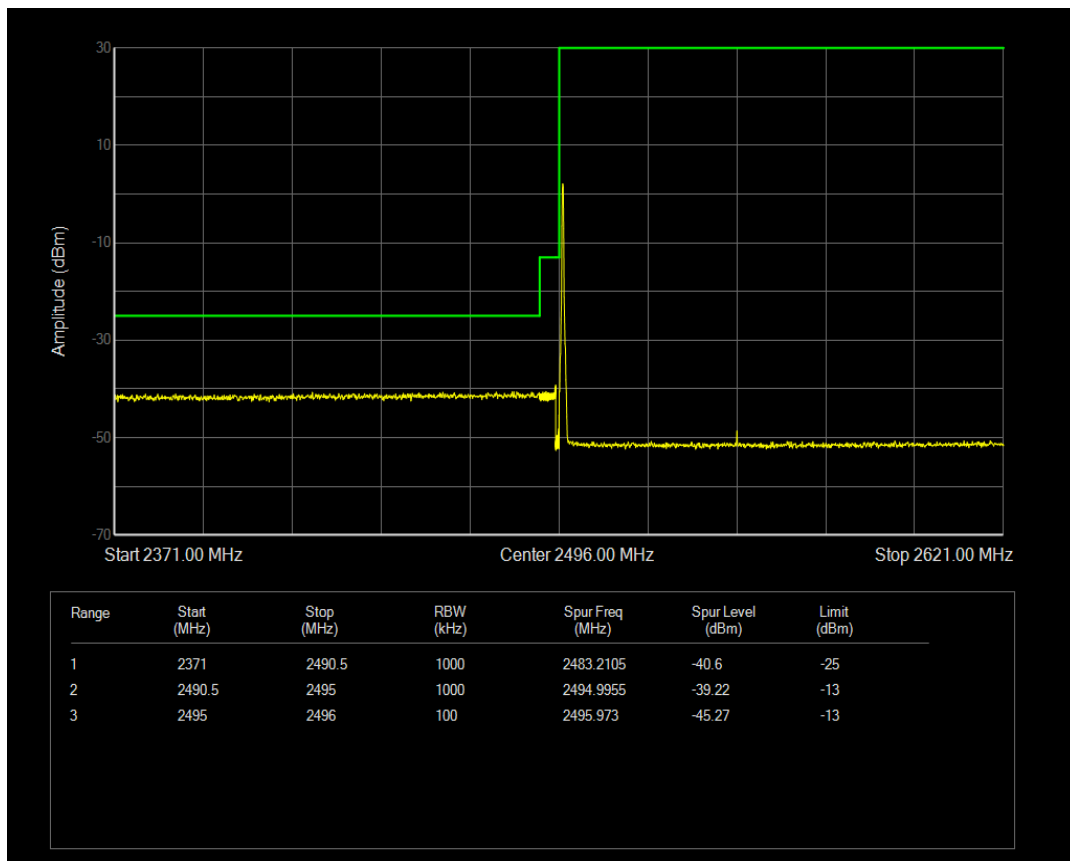
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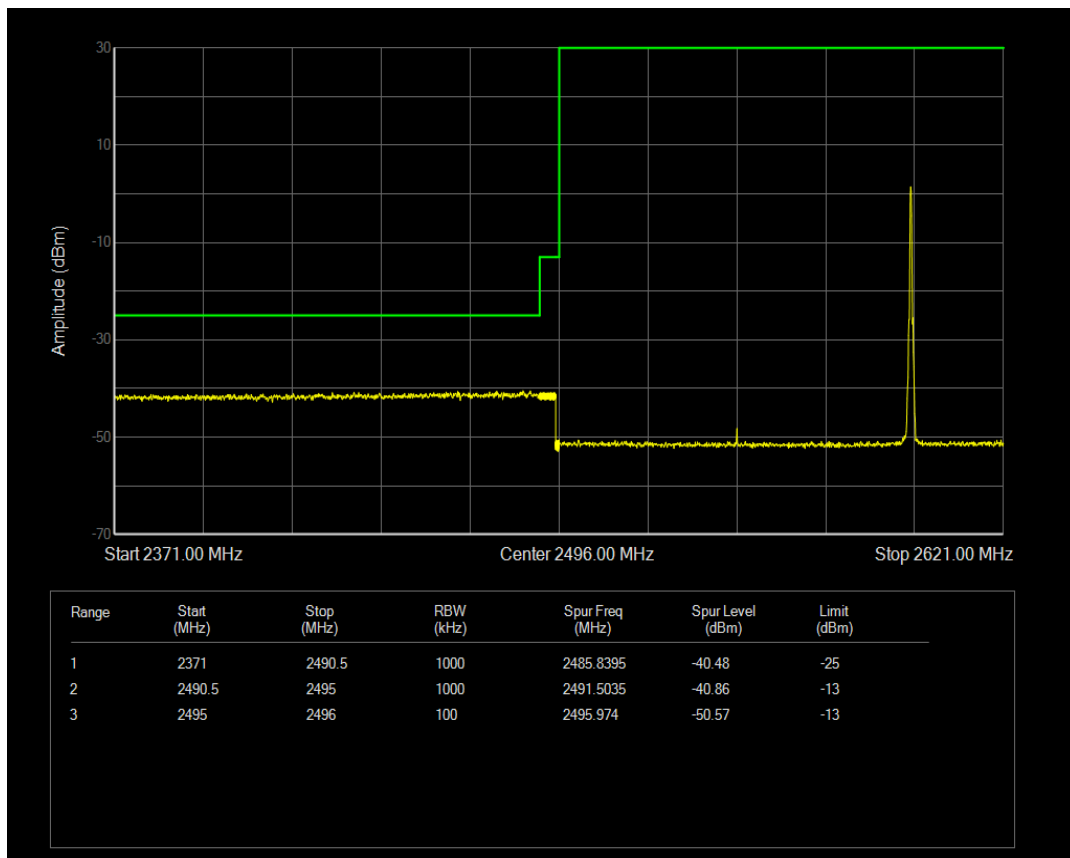
5 Band edge for NR FR1

<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	2489.80	-39.81	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2486.25	-40.83	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2488.37	-40.72	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2710.54	-40.41	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2713.36	-40.57	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2710.11	-40.79	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2490.44	-40.28	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2482.01	-40.66	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2474.08	-40.40	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2747.50	-40.60	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	2750.60	-40.97	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2751.61	-40.88	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2487.75	-40.31	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	2483.21	-40.60	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2485.84	-40.48	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2790.58	-40.66	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	2796.10	-40.51	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2795.30	-40.70	-25	PASS

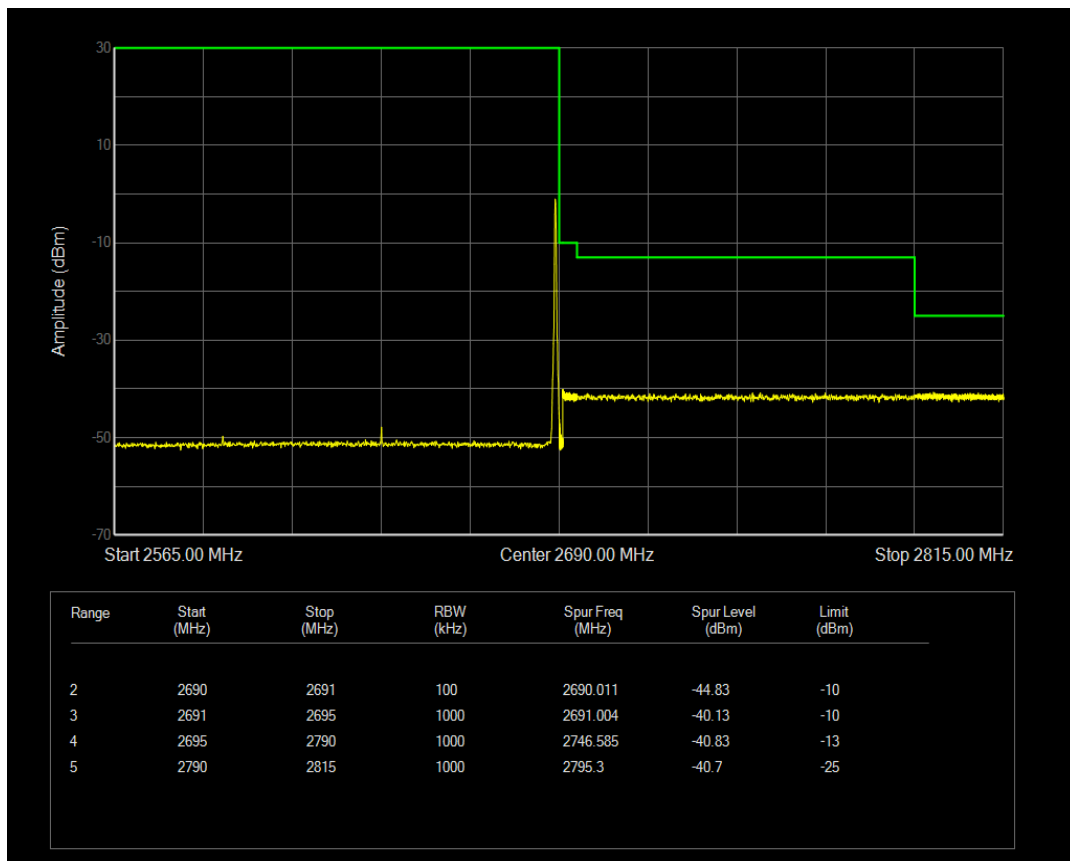
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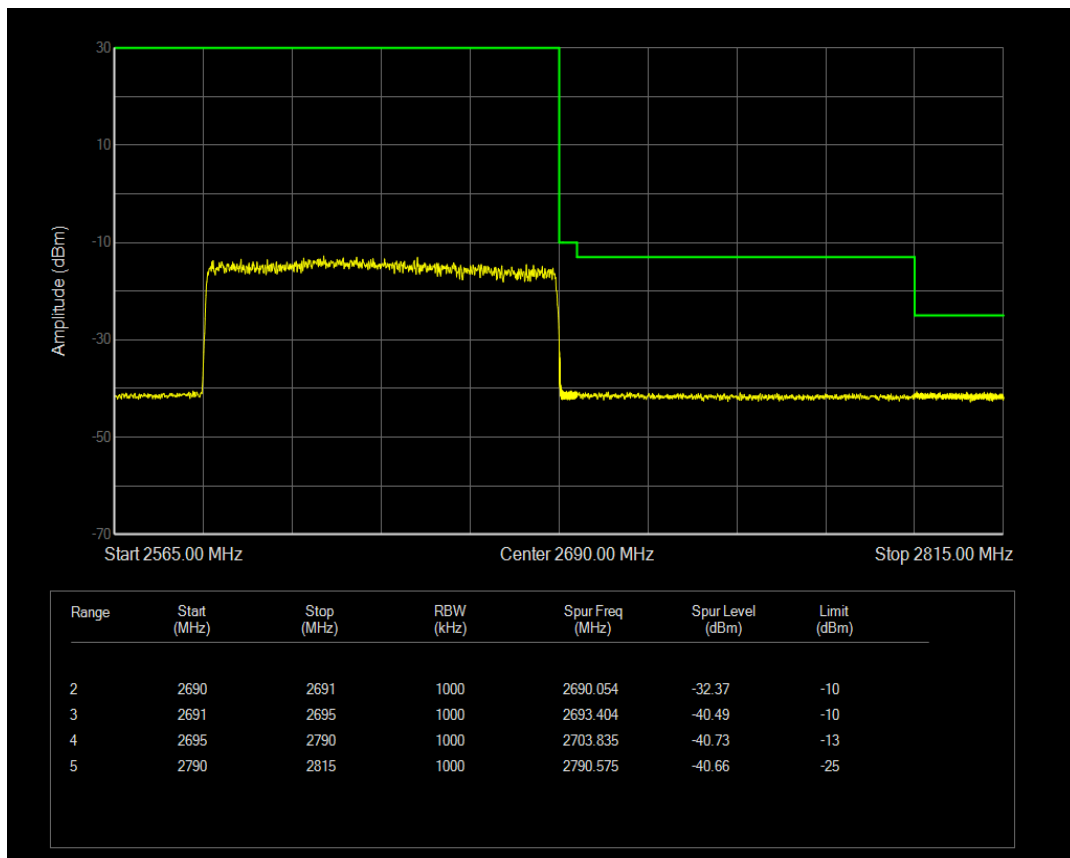
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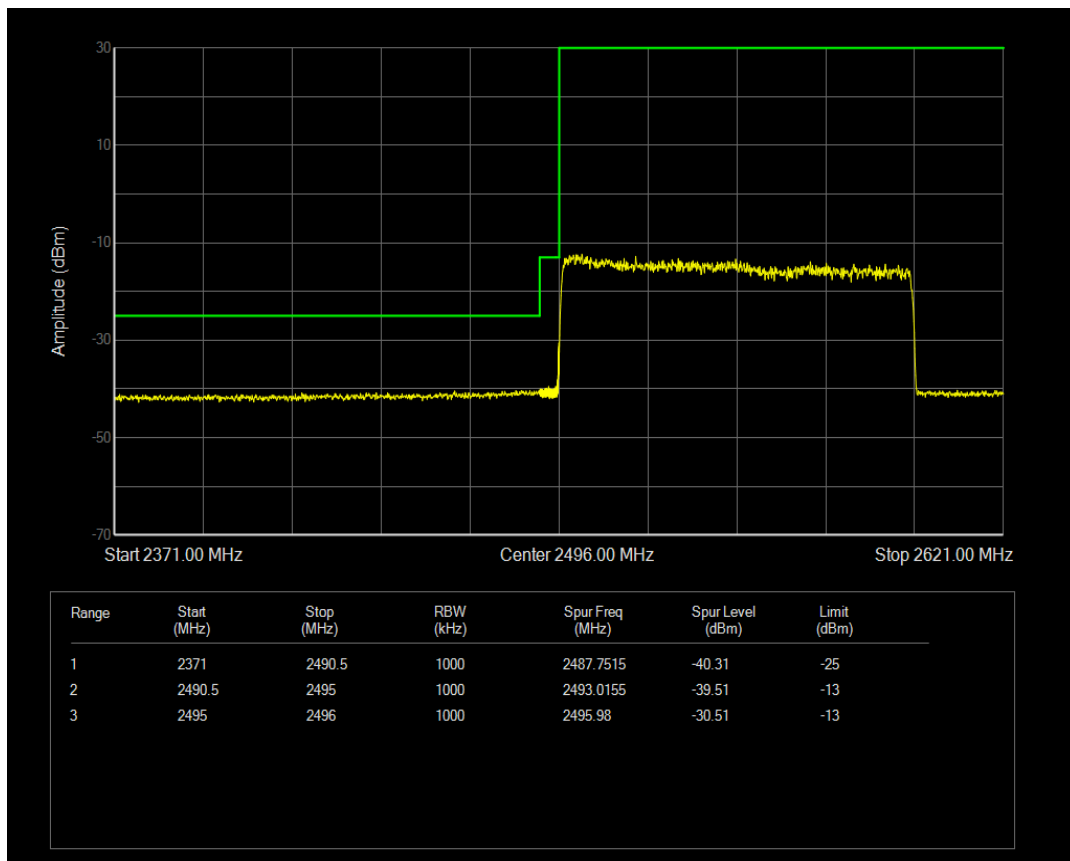
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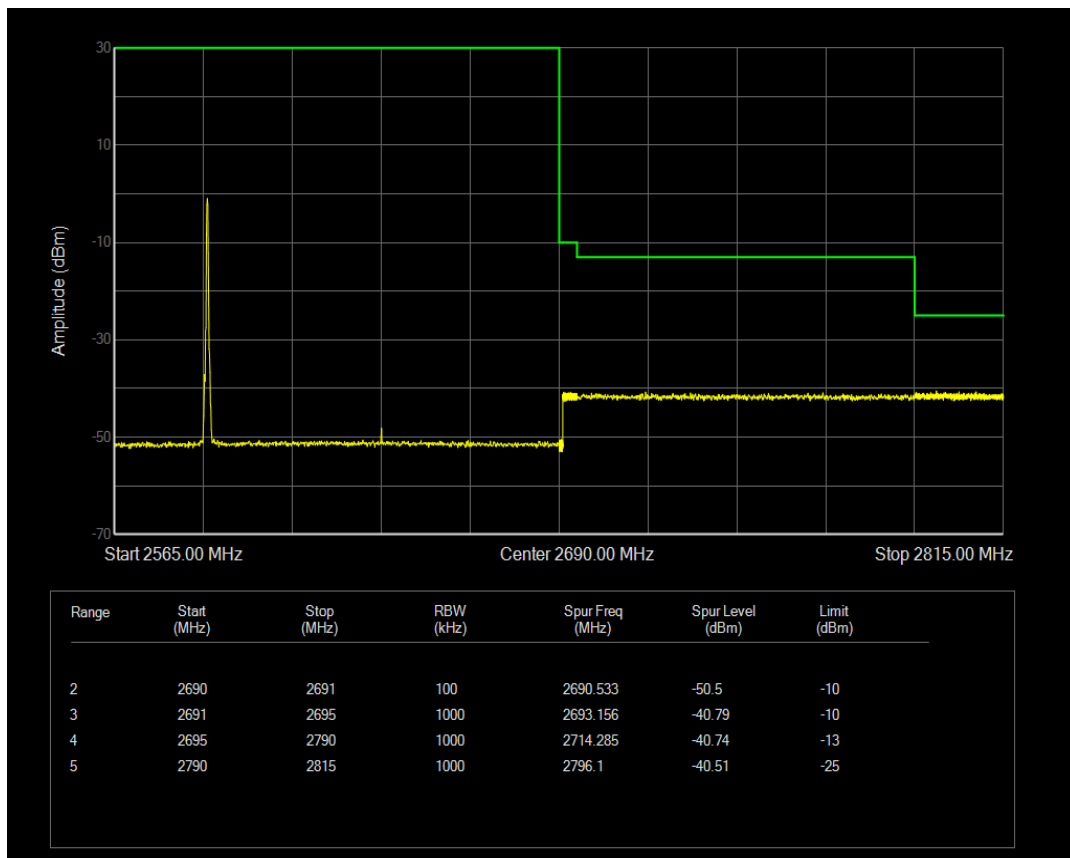
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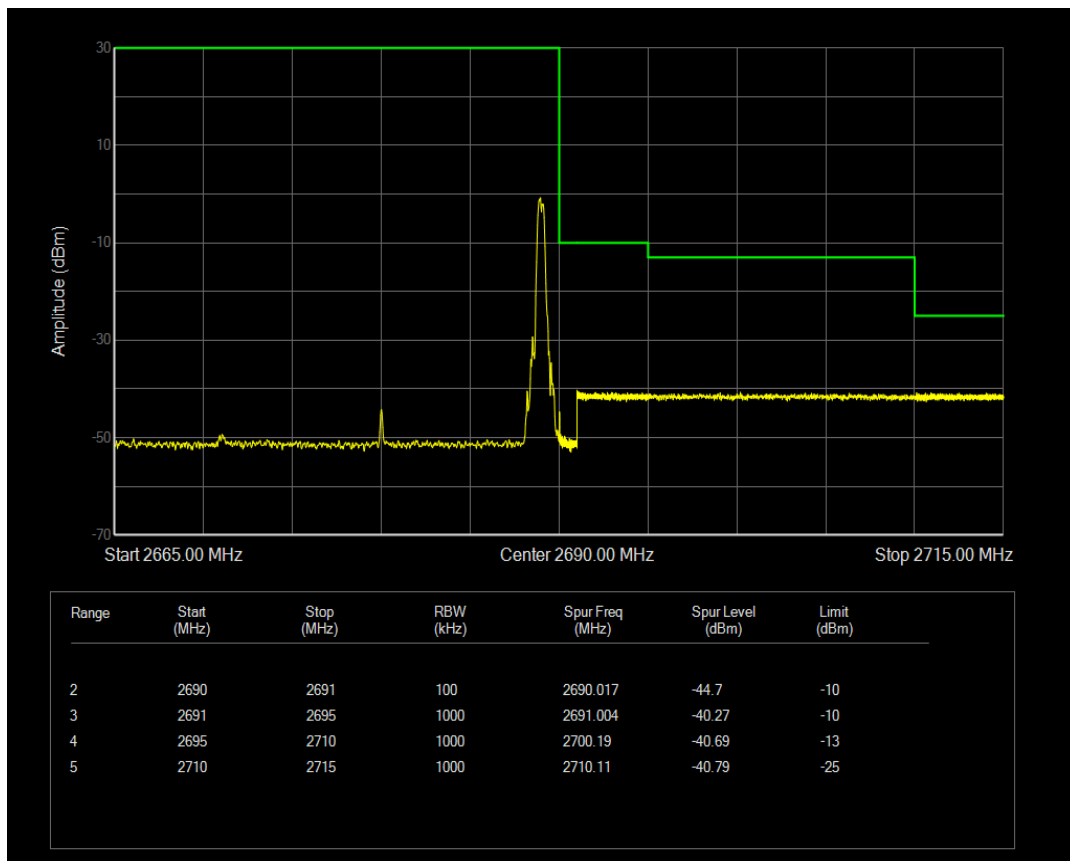
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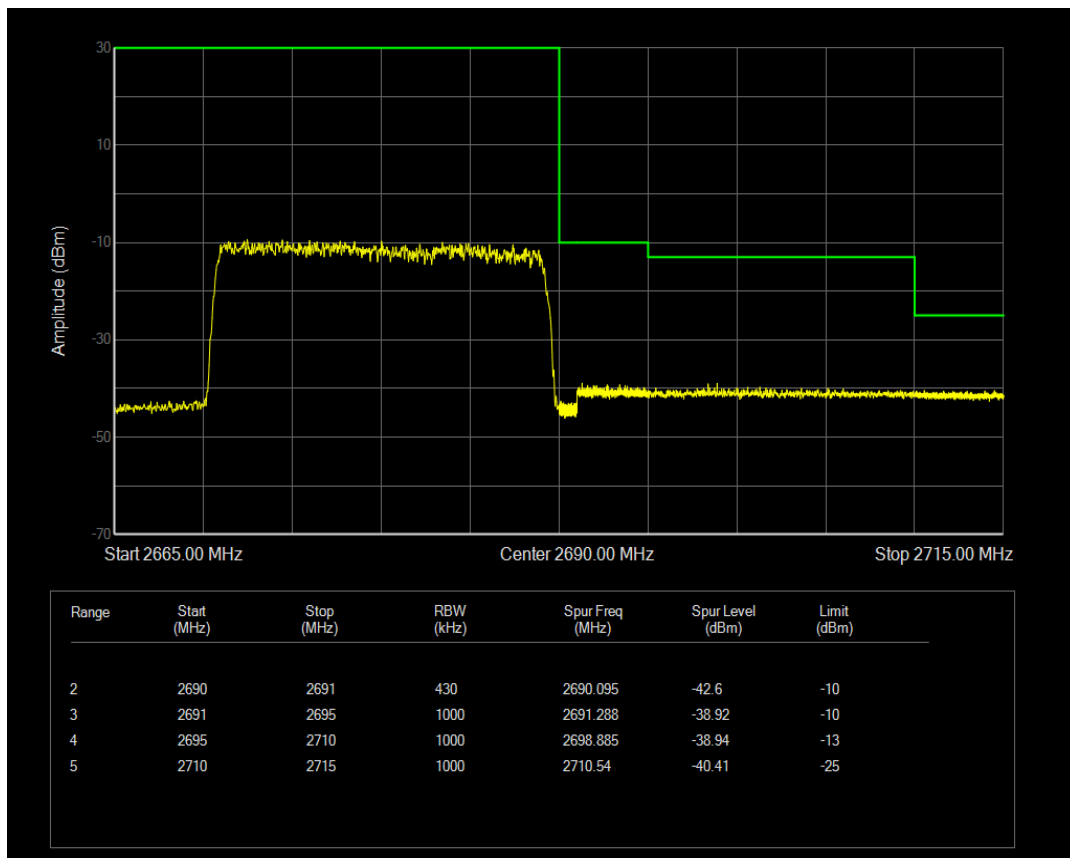
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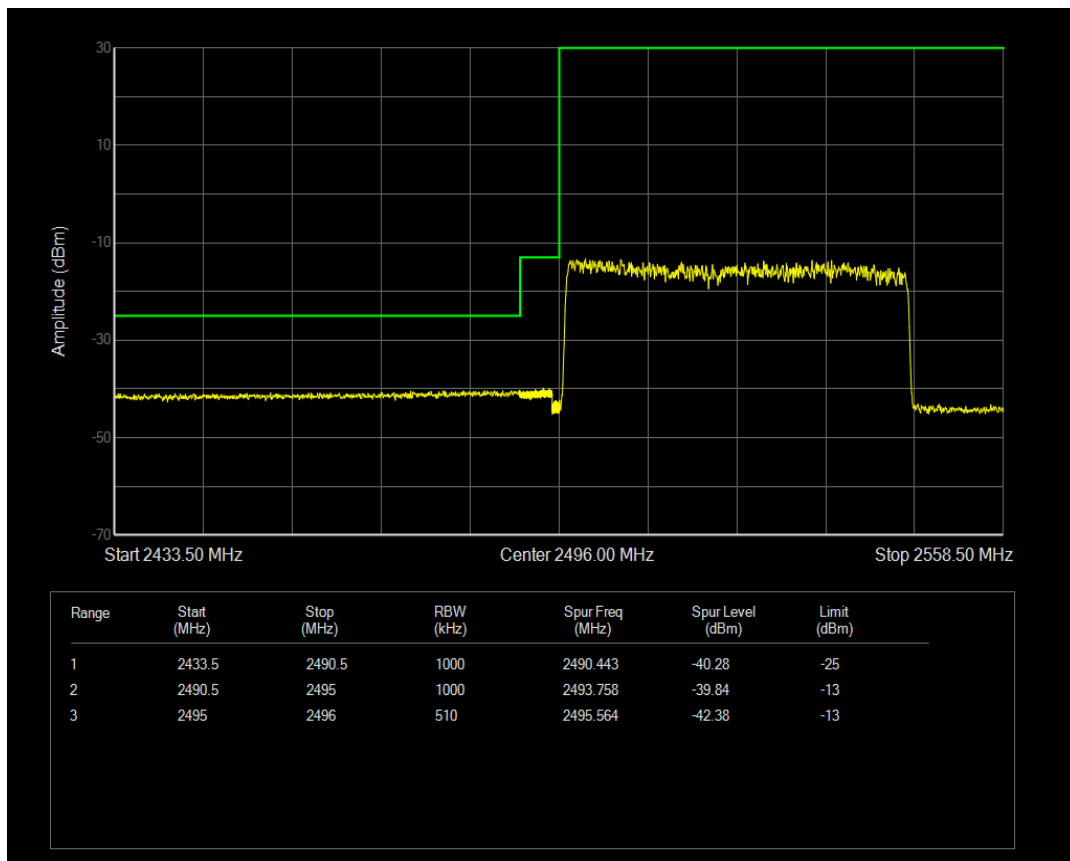
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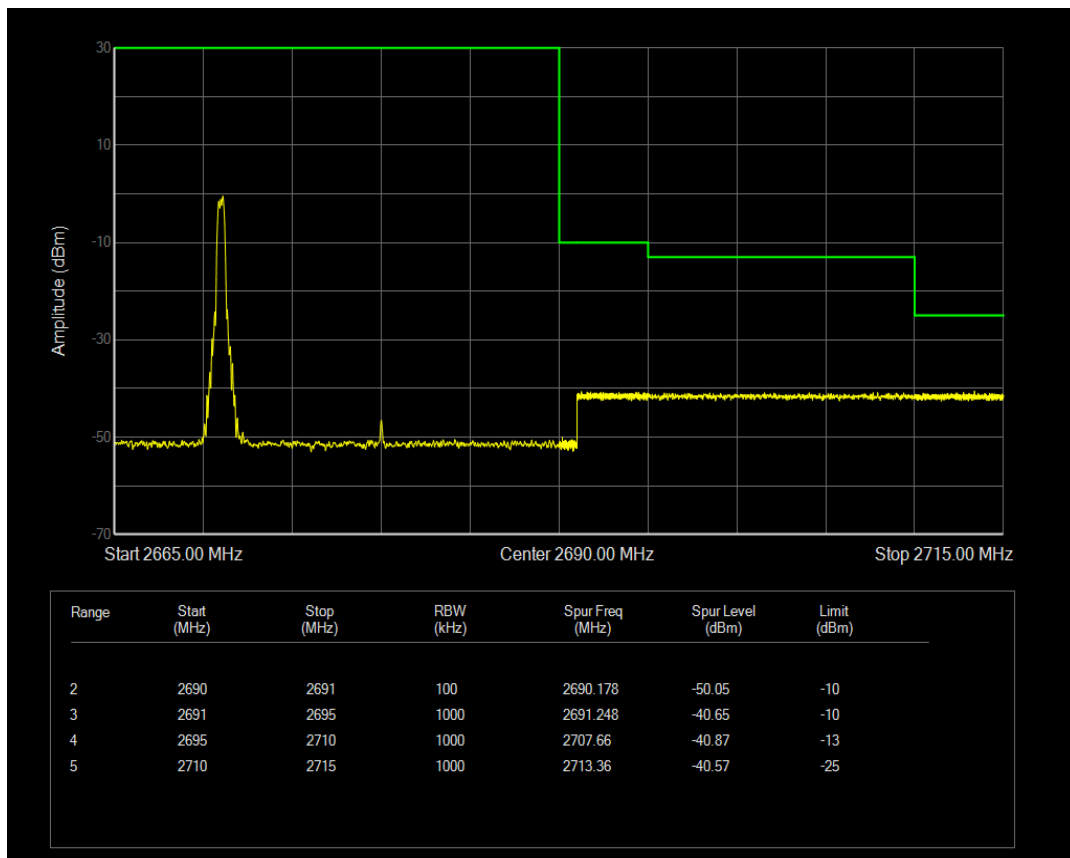
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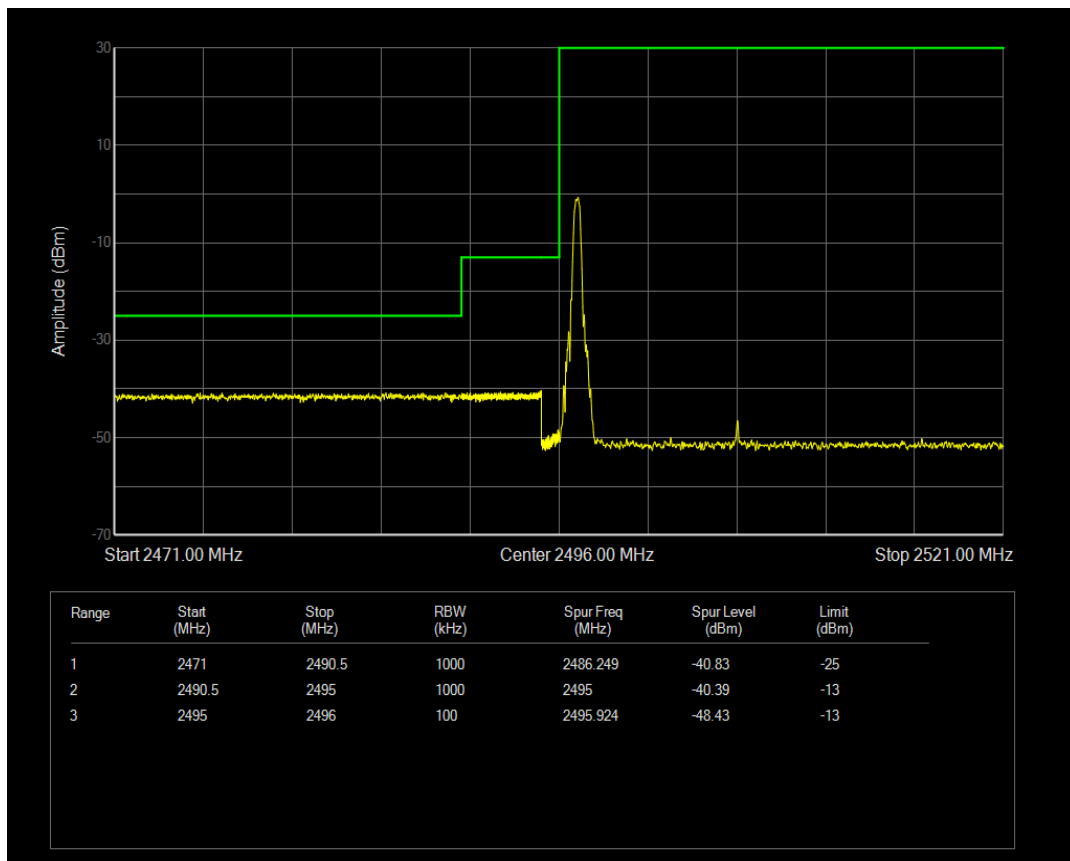
n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=133@0



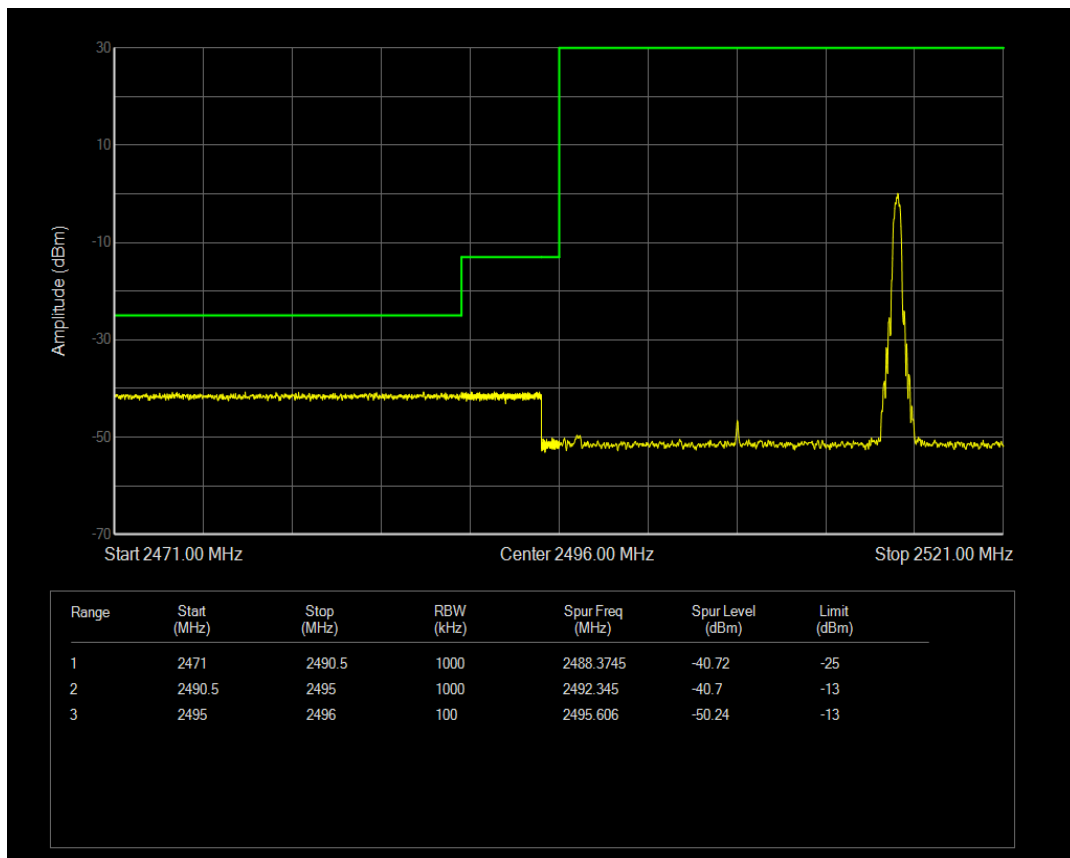
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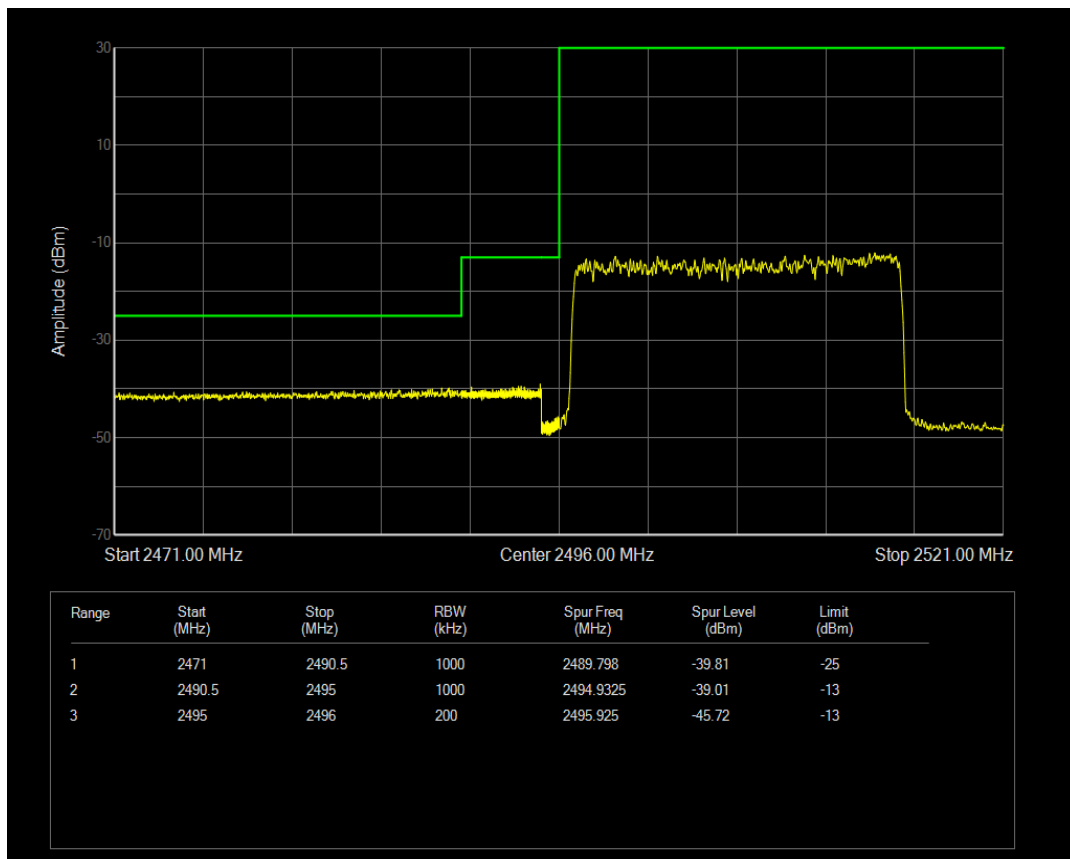
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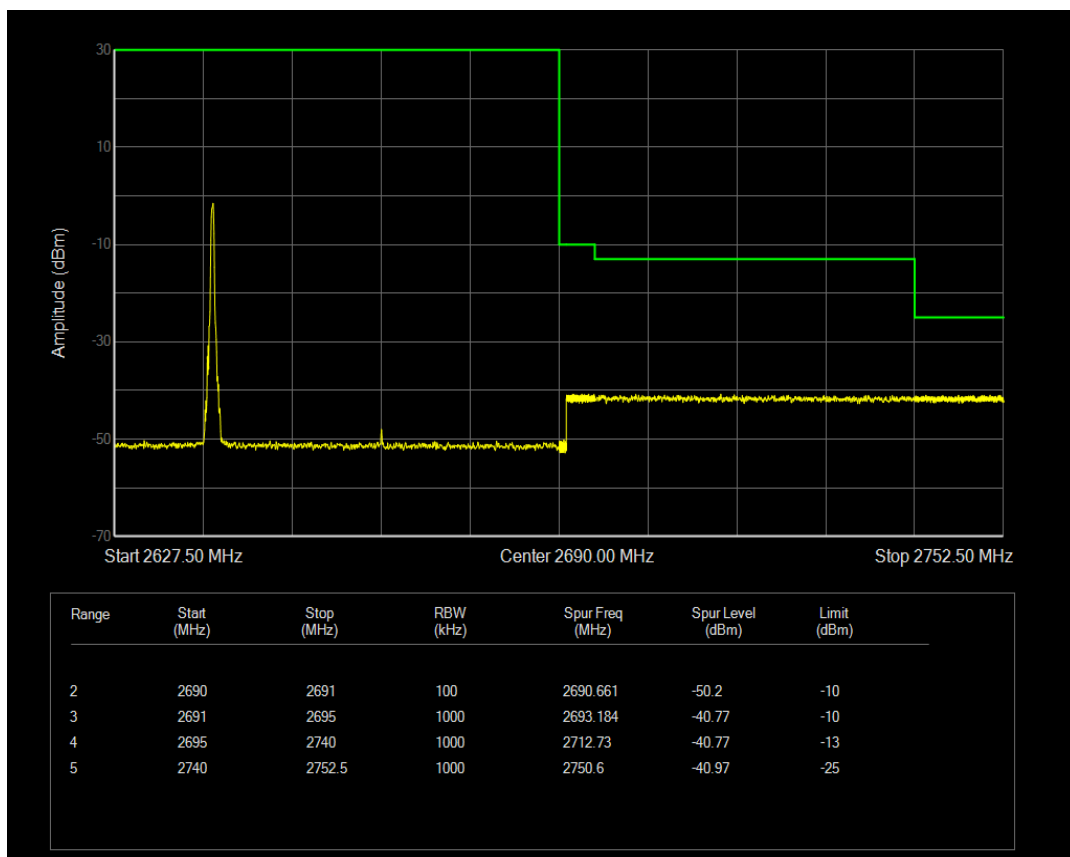
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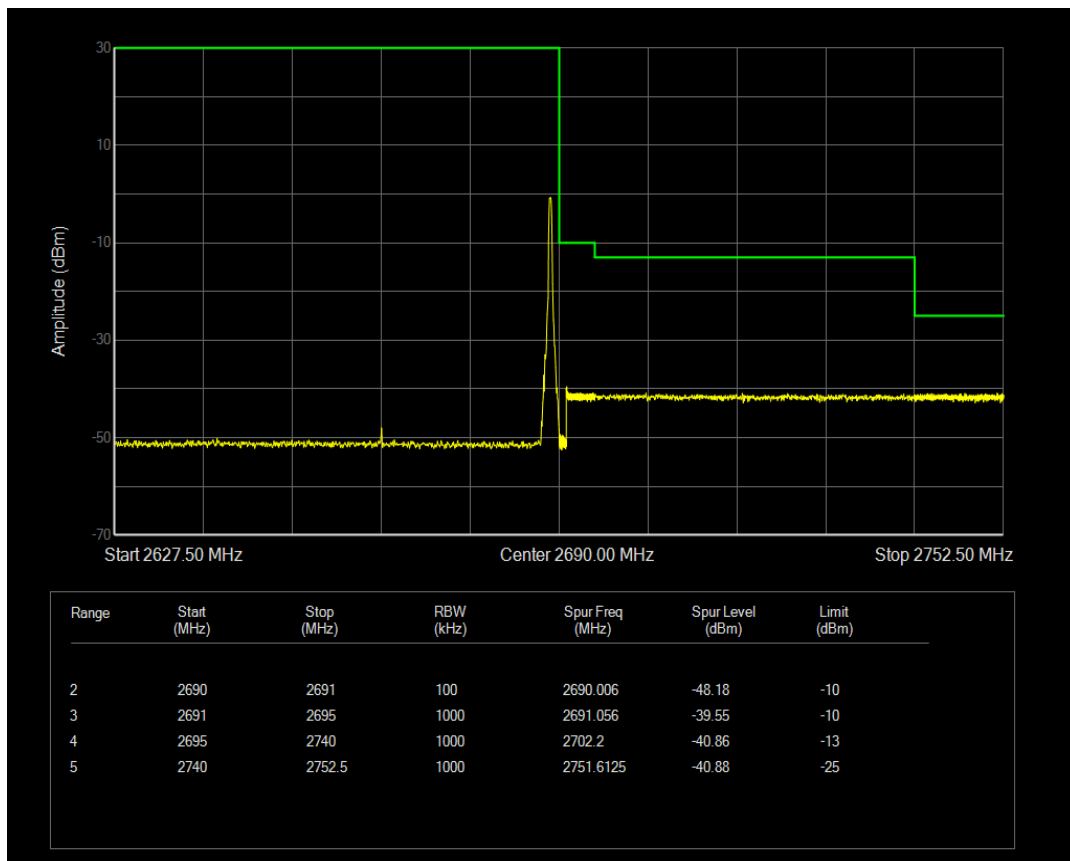
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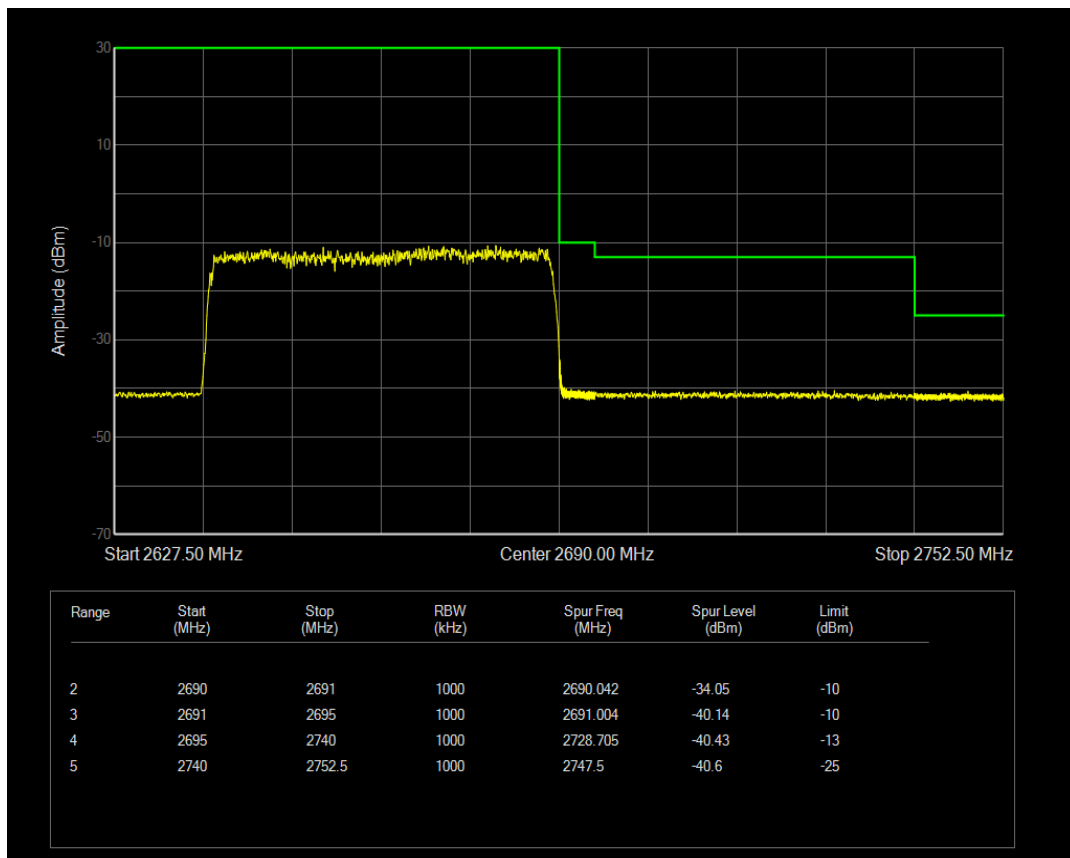
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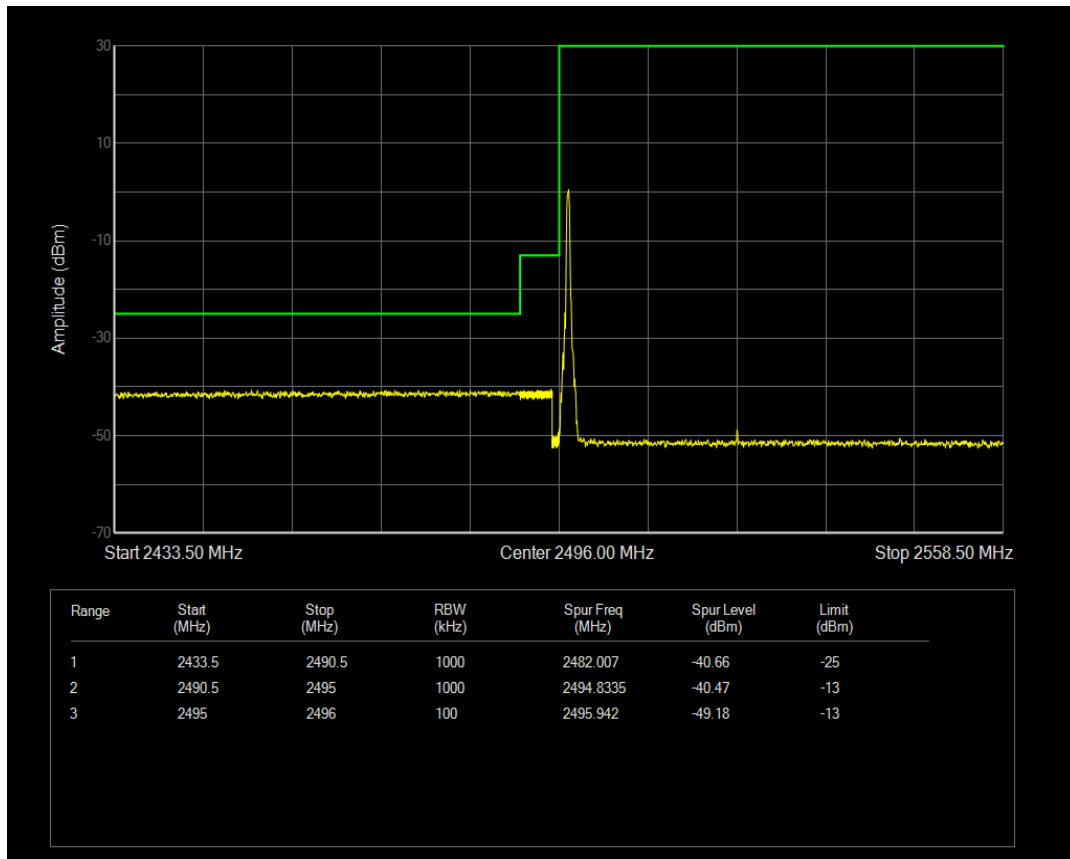
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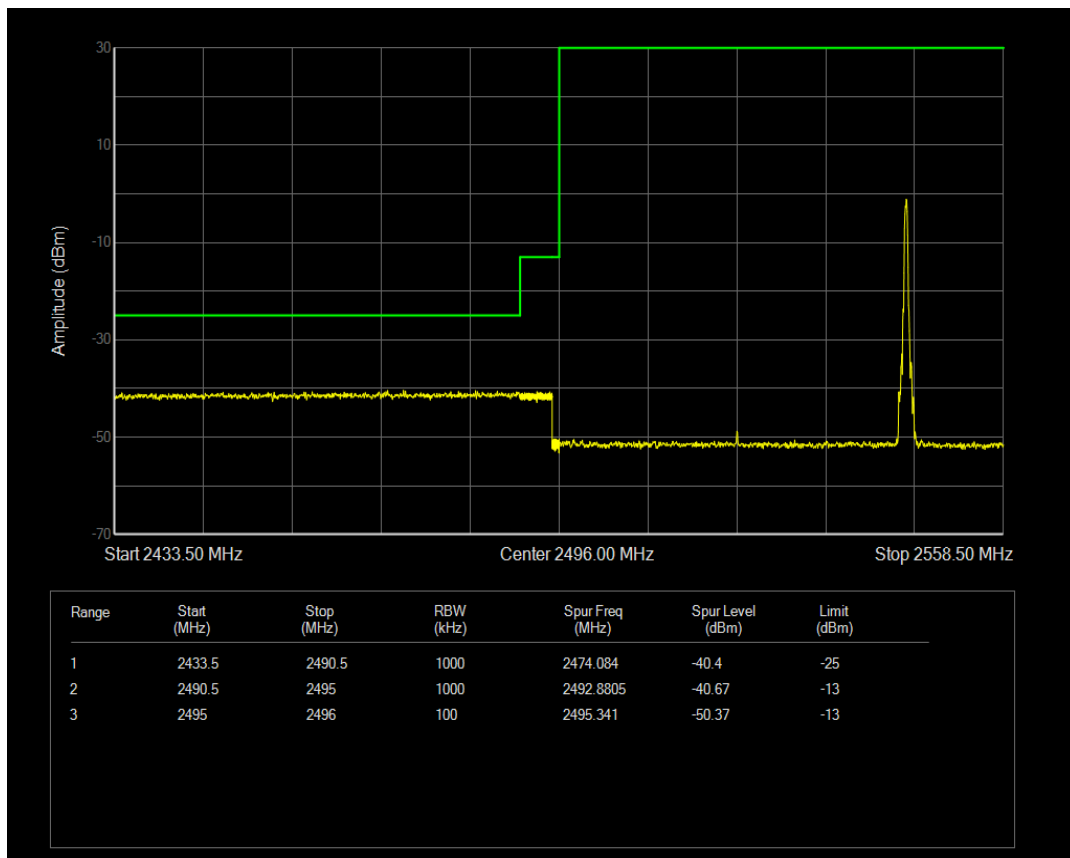
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@0



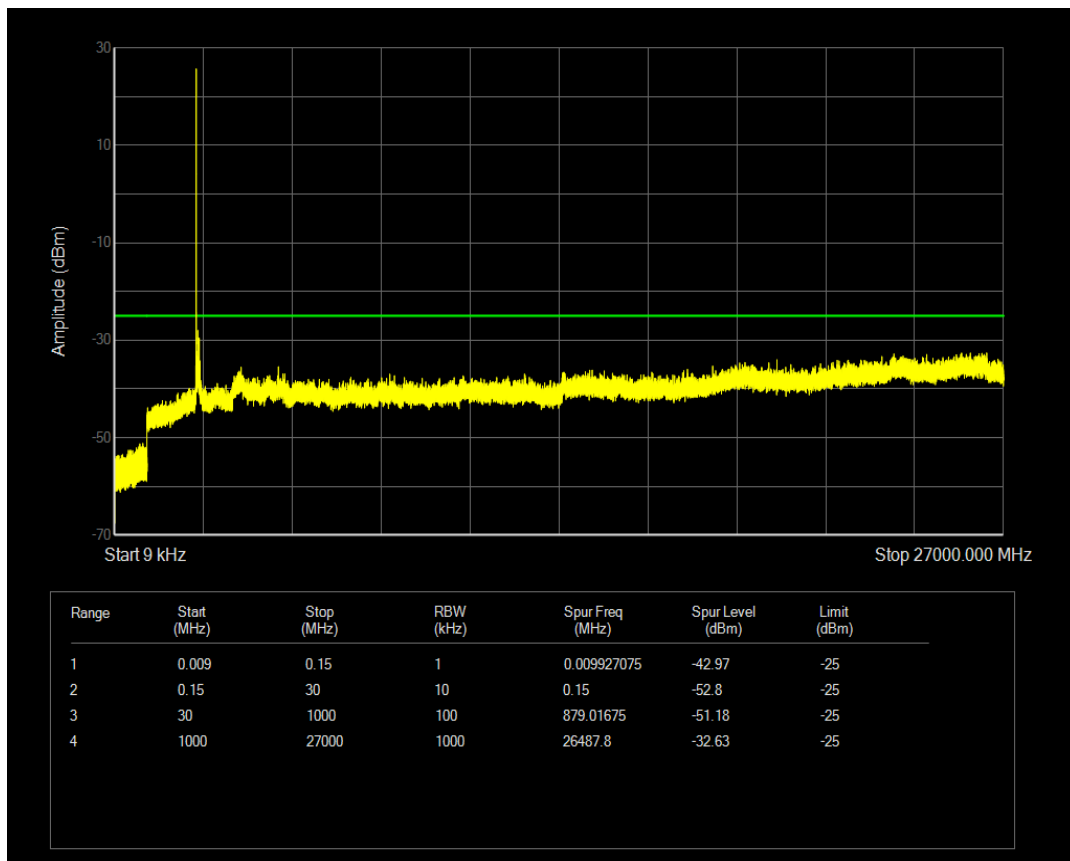
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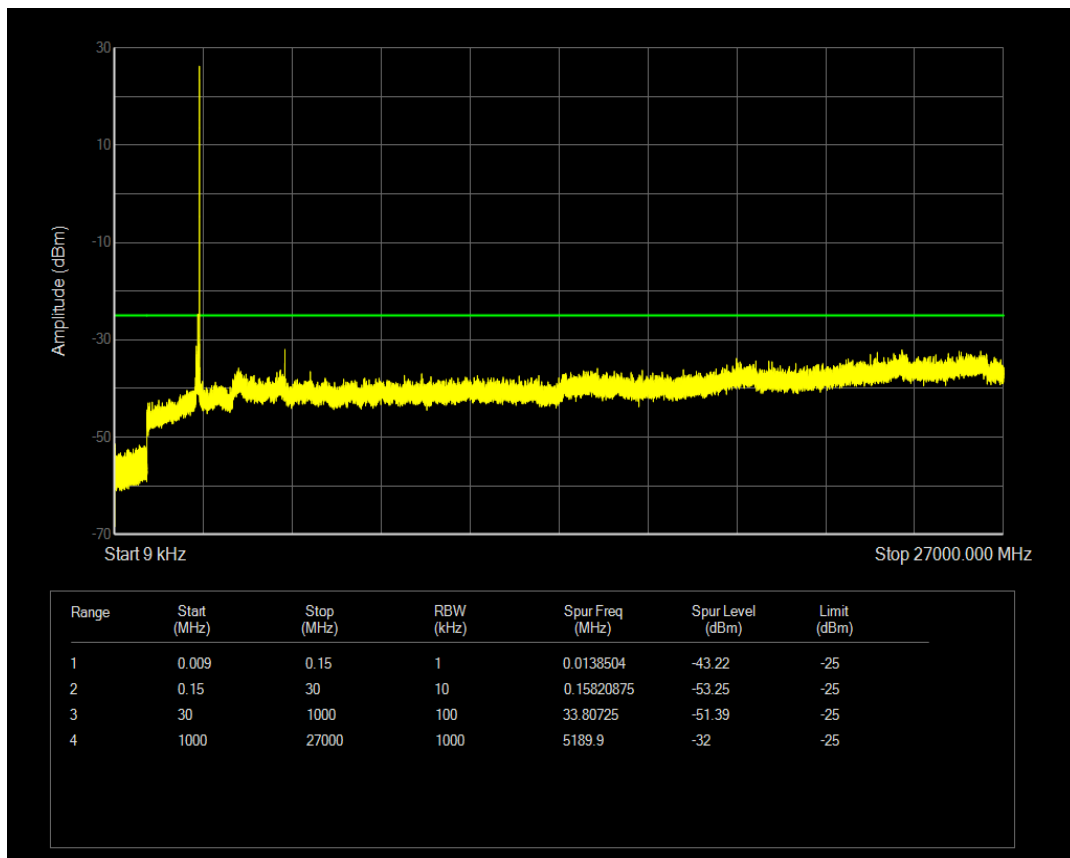
6 Out-of-band emissions for NR FR1

<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	26123.15	-31.68	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	25825.45	-31.67	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	26061.40	-32.48	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	24008.05	-32.42	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	5342.00	-28.36	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	5378.40	-29.05	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	23692.15	-32.03	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	26314.25	-32.38	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	25823.50	-31.63	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	26068.55	-31.97	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	25978.85	-30.95	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	5377.75	-30.82	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	23828.00	-32.15	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	26487.80	-32.63	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	5189.90	-32.00	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	26428.65	-31.88	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	26288.25	-31.40	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	5377.75	-27.93	-25	PASS

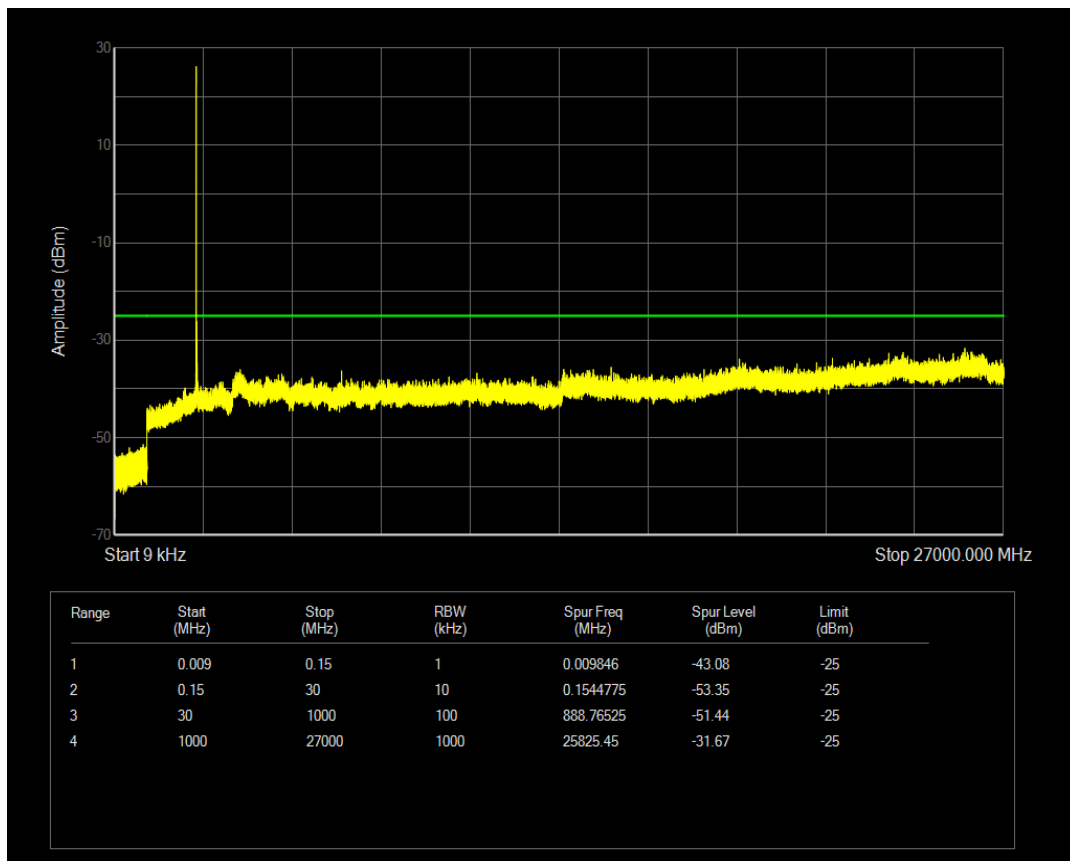
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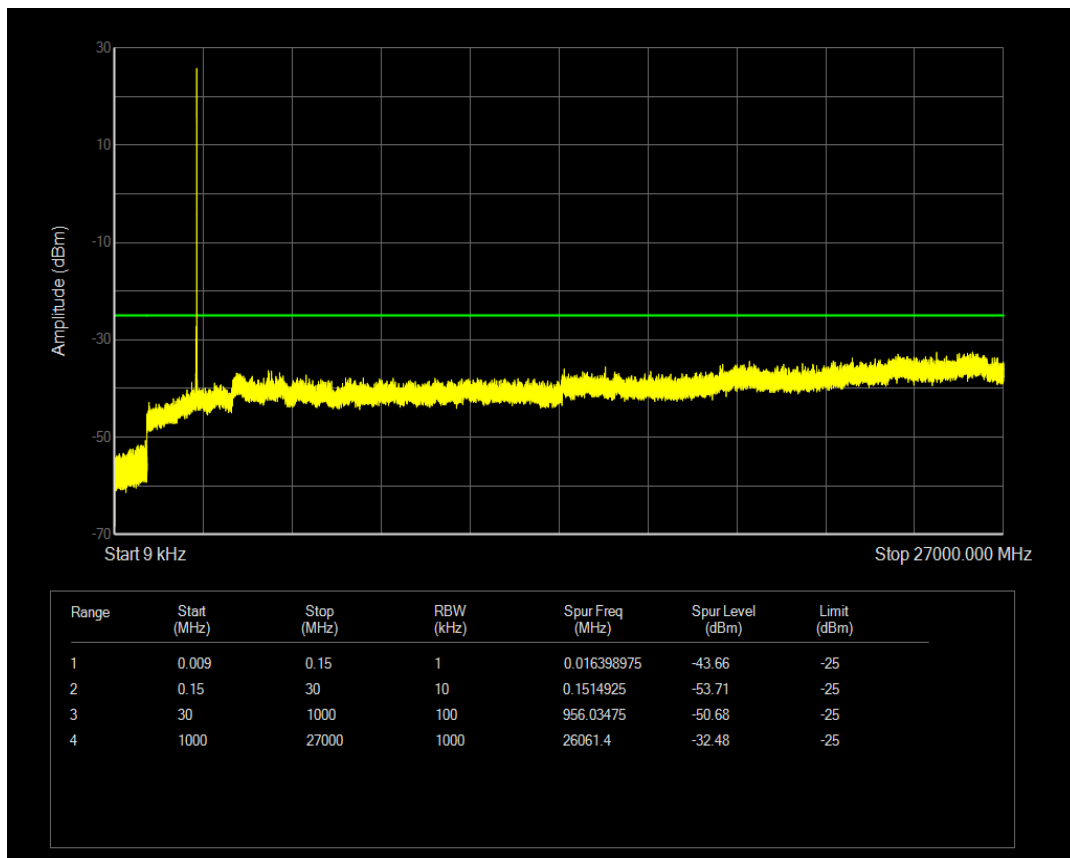
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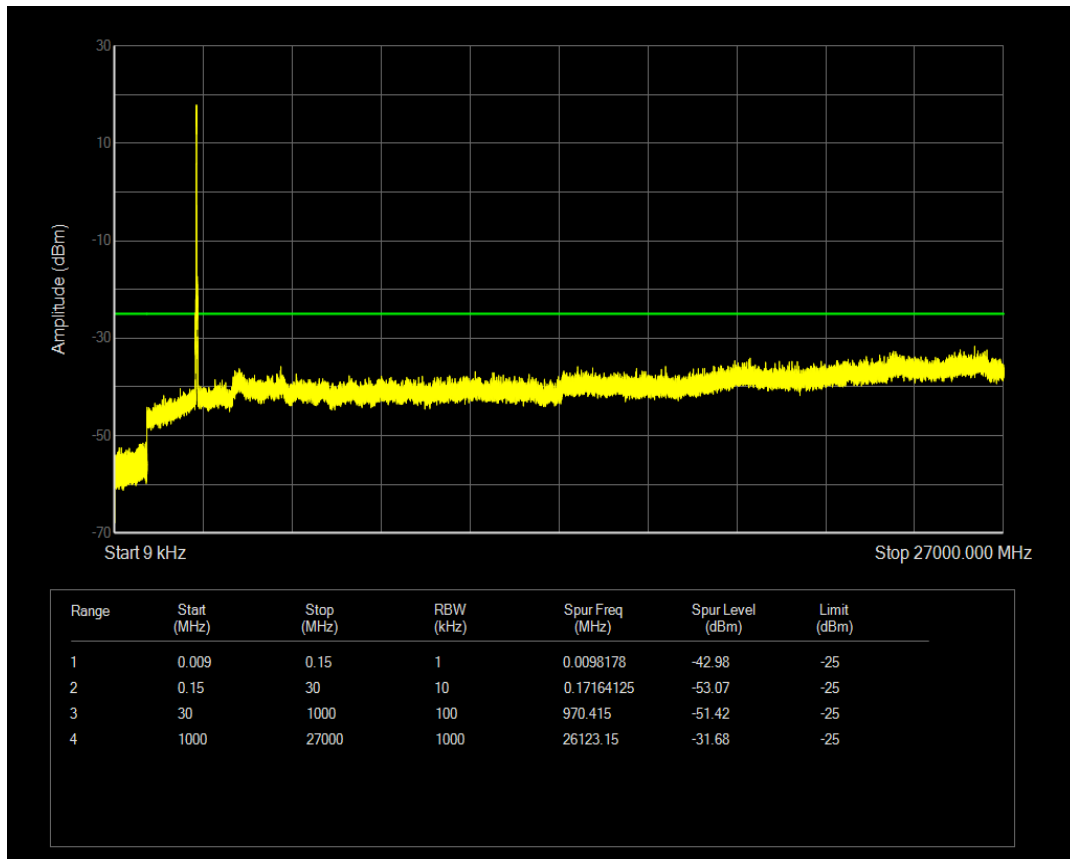
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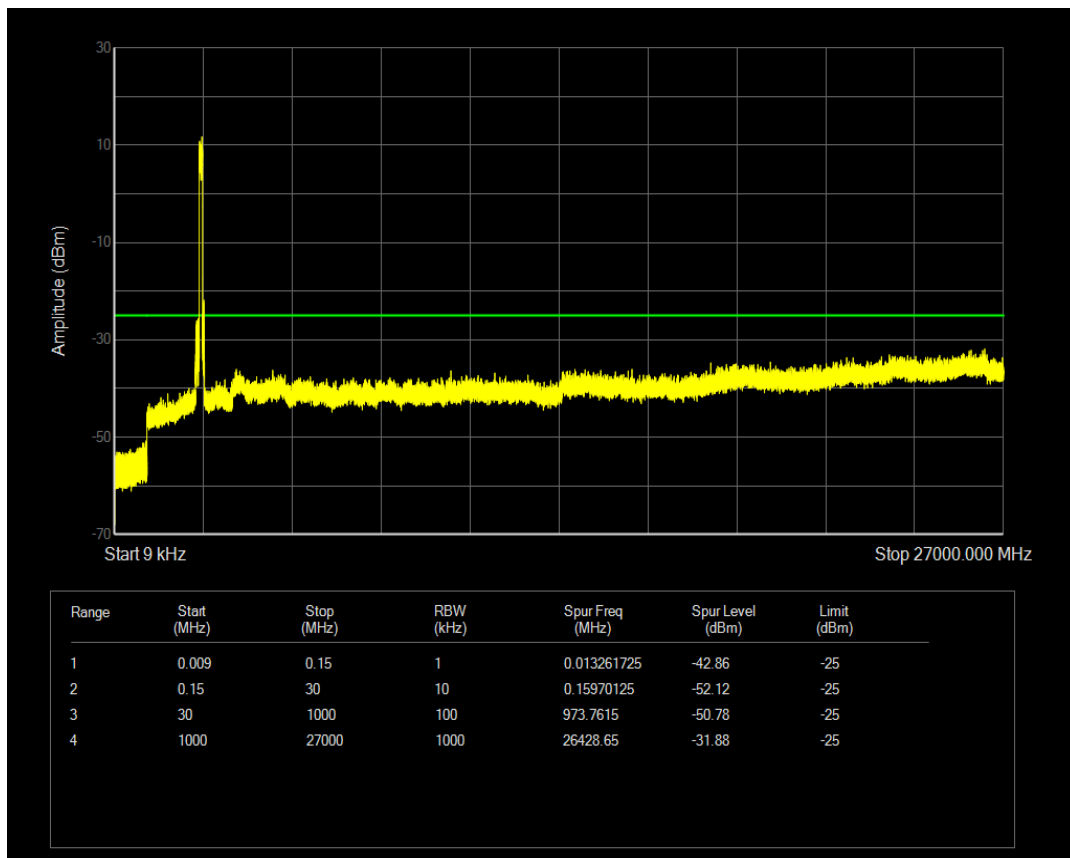
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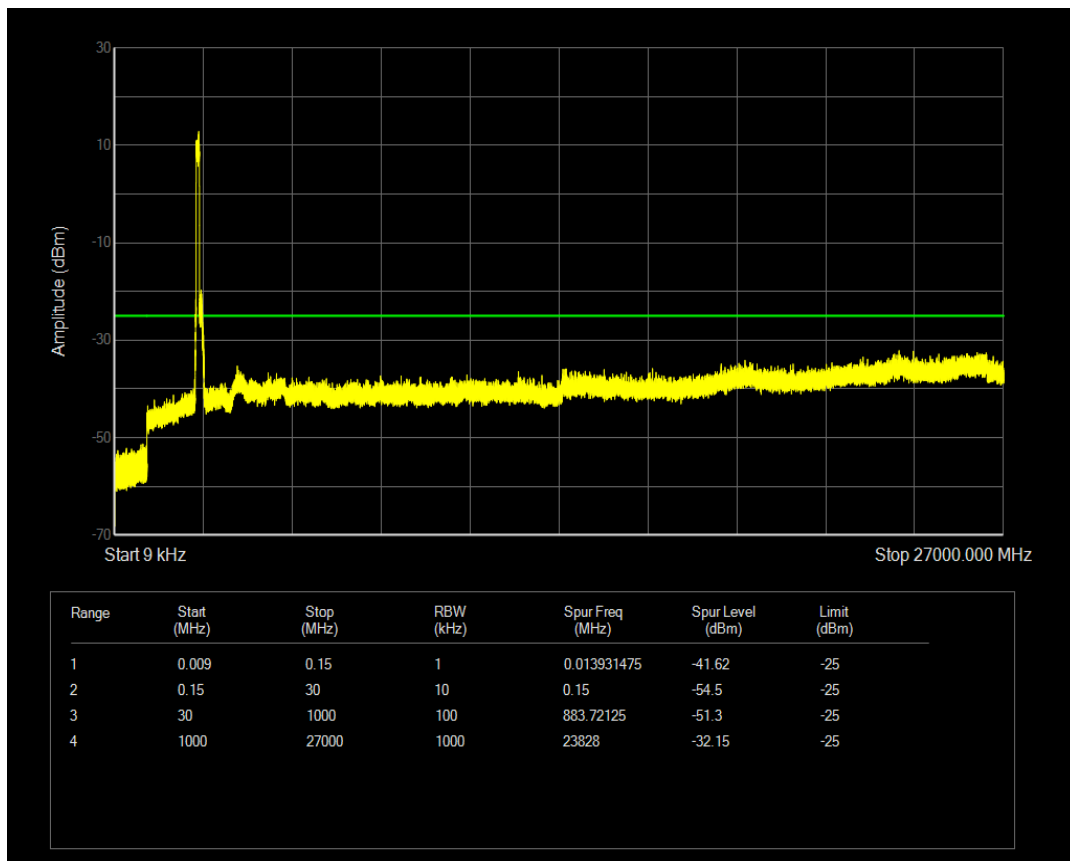
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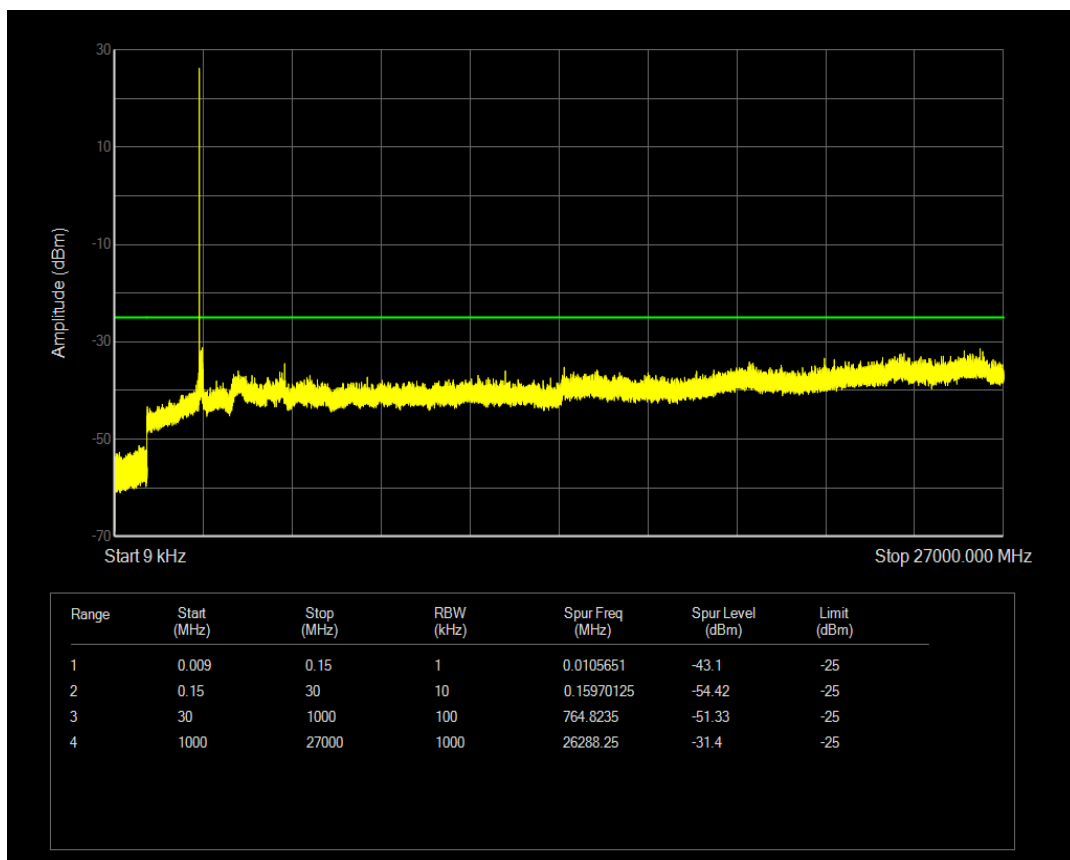
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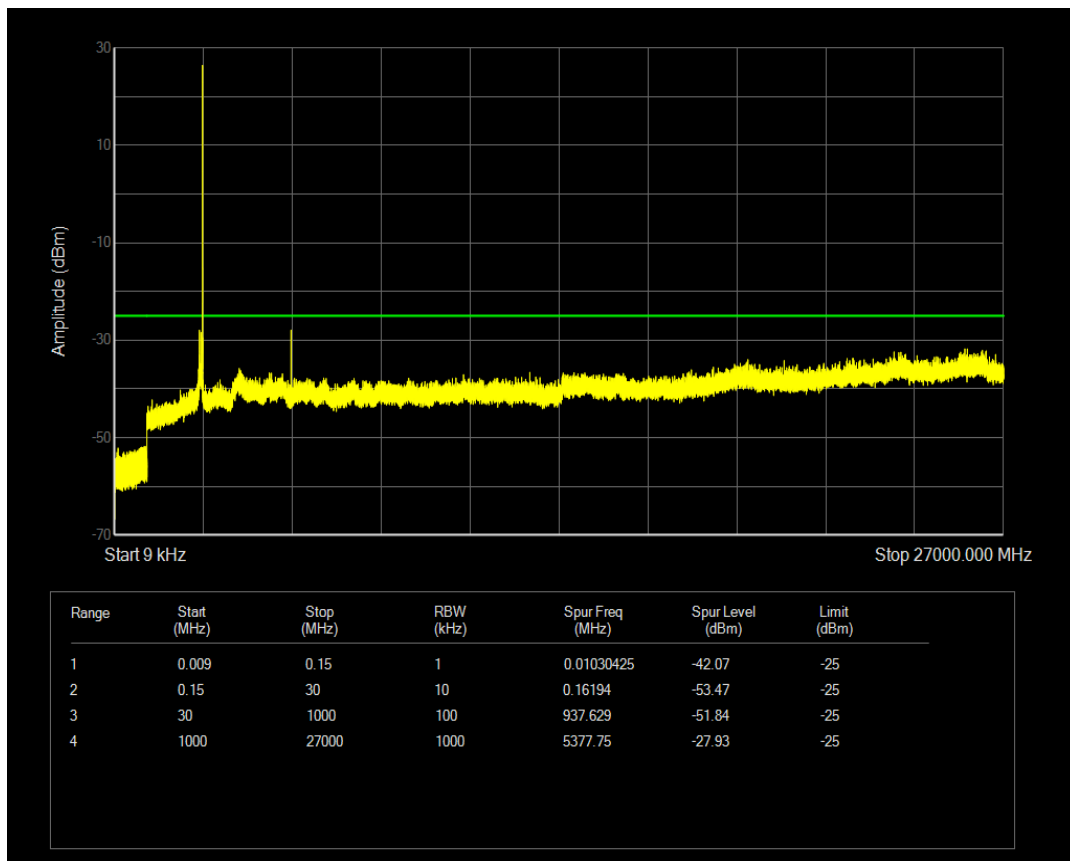
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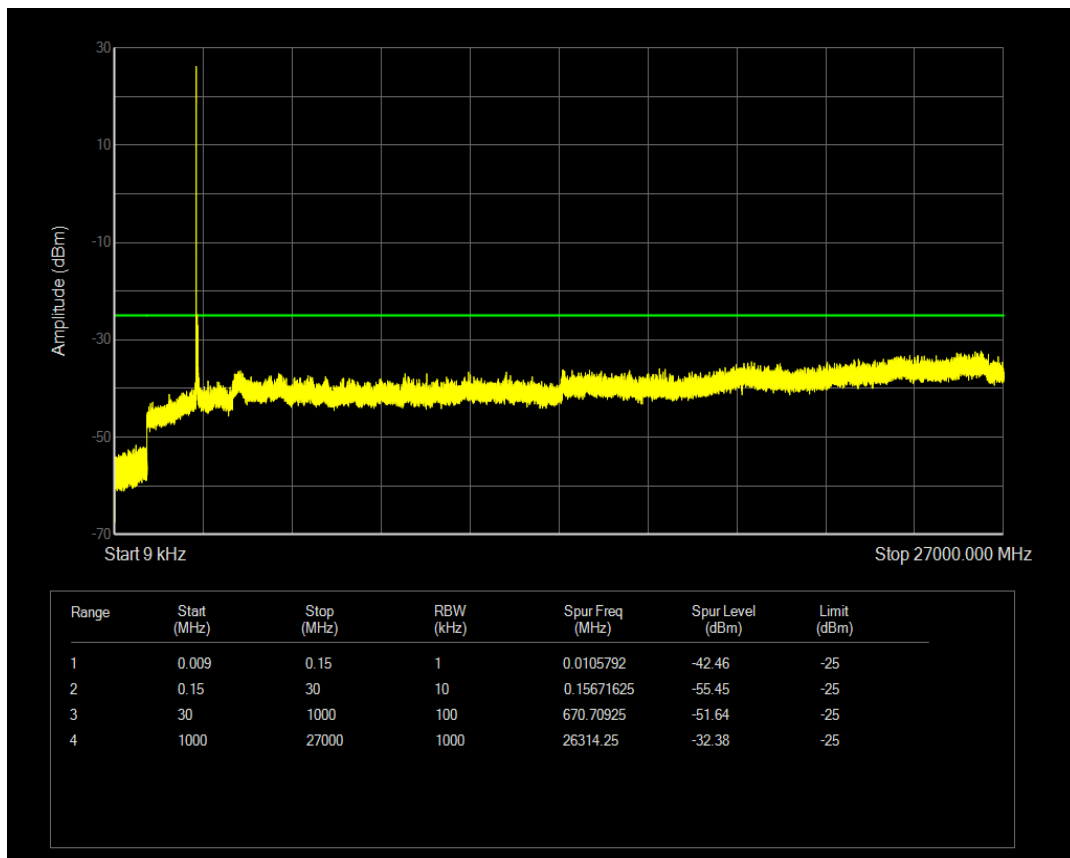
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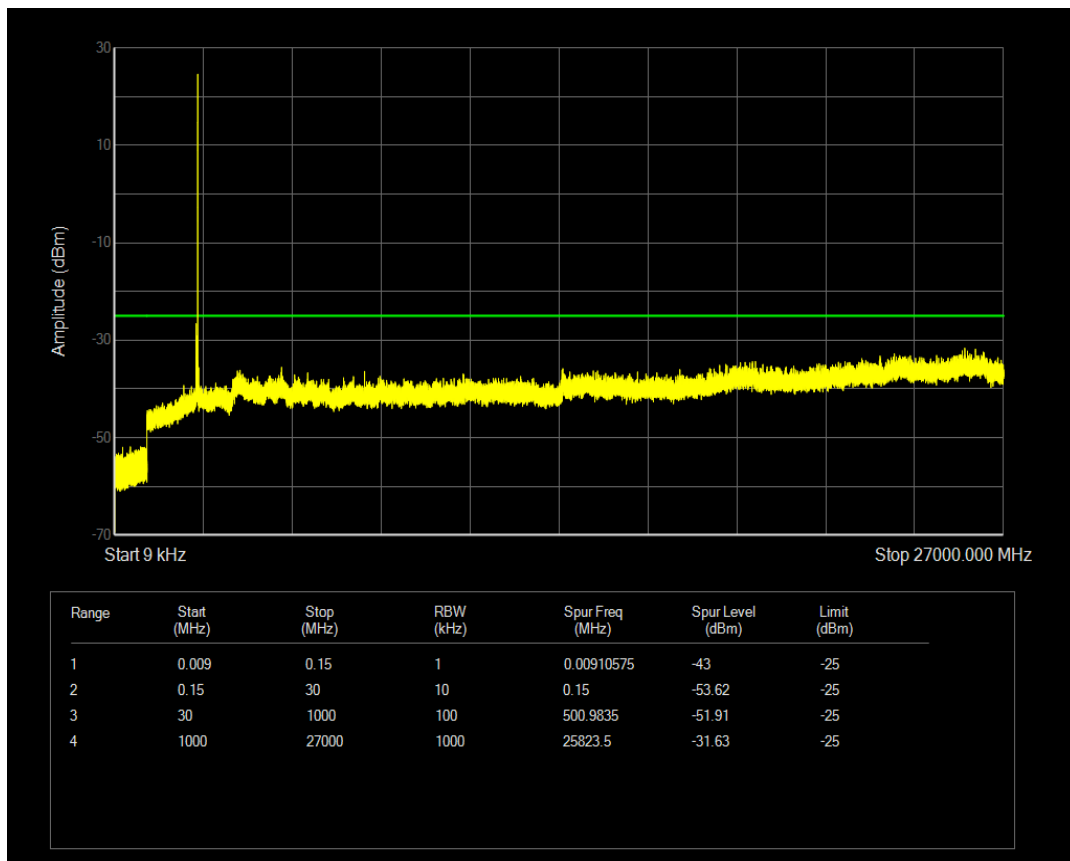
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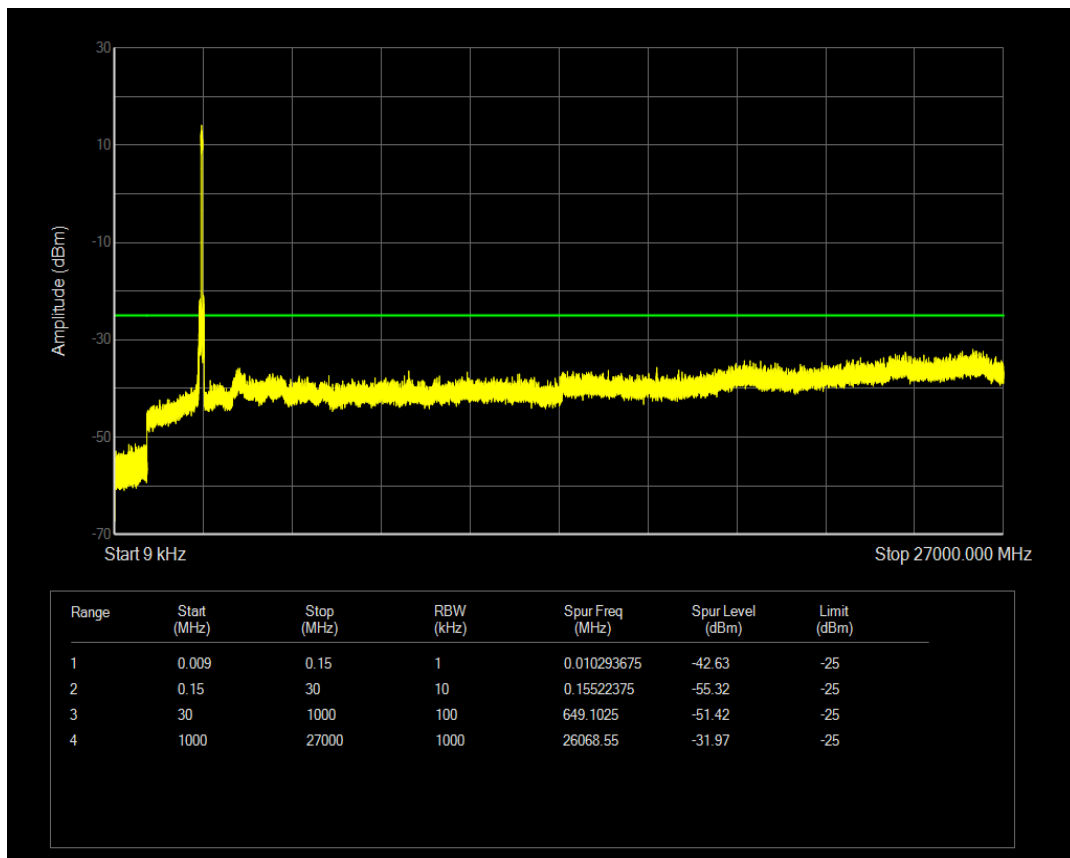
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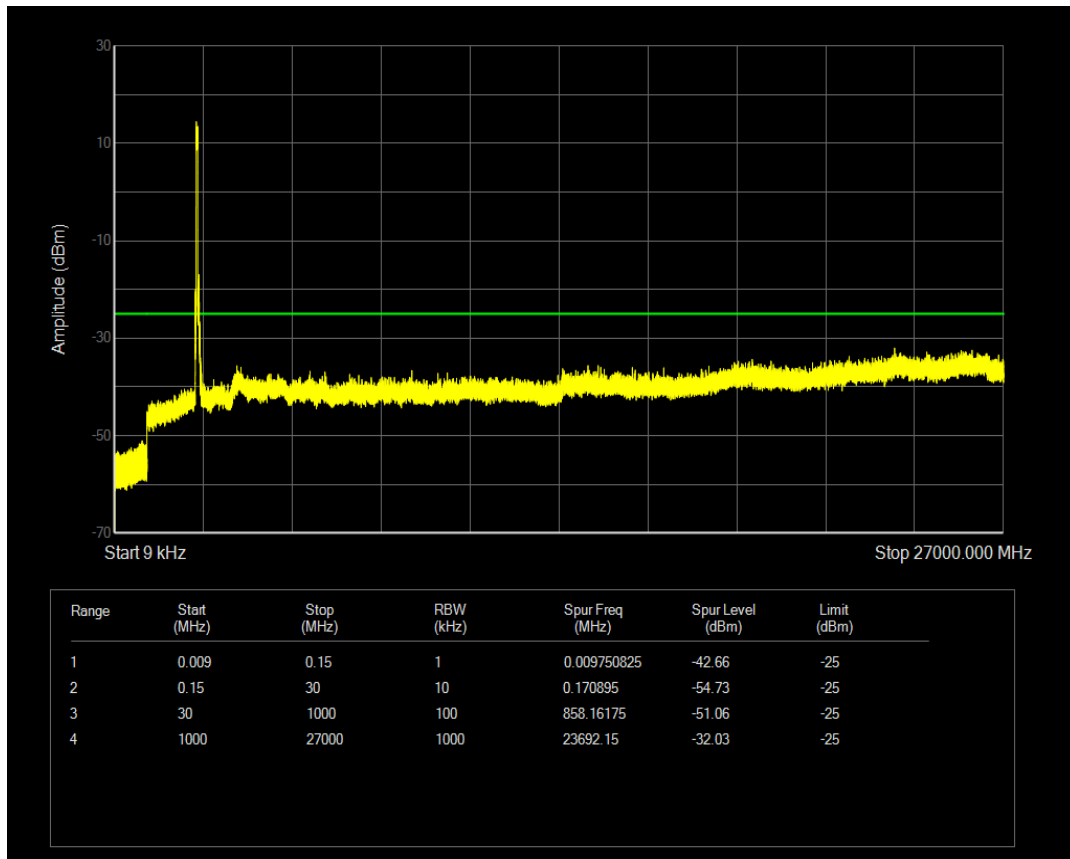
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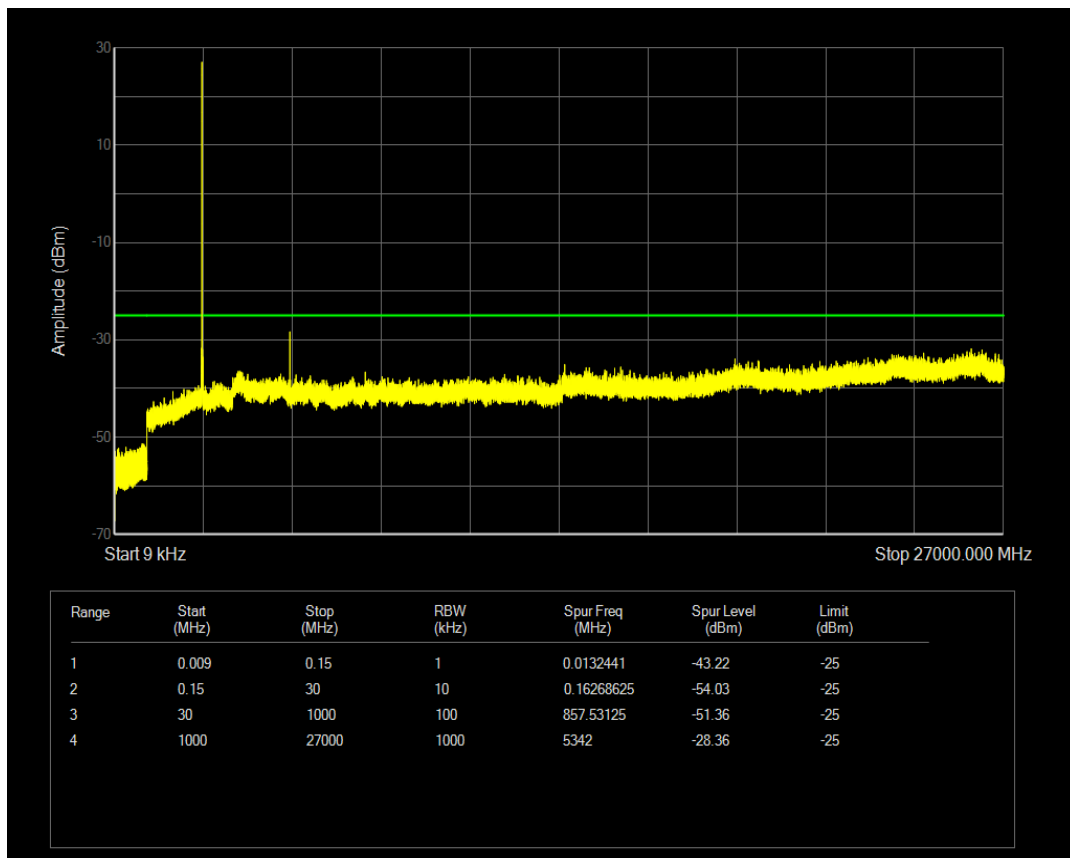
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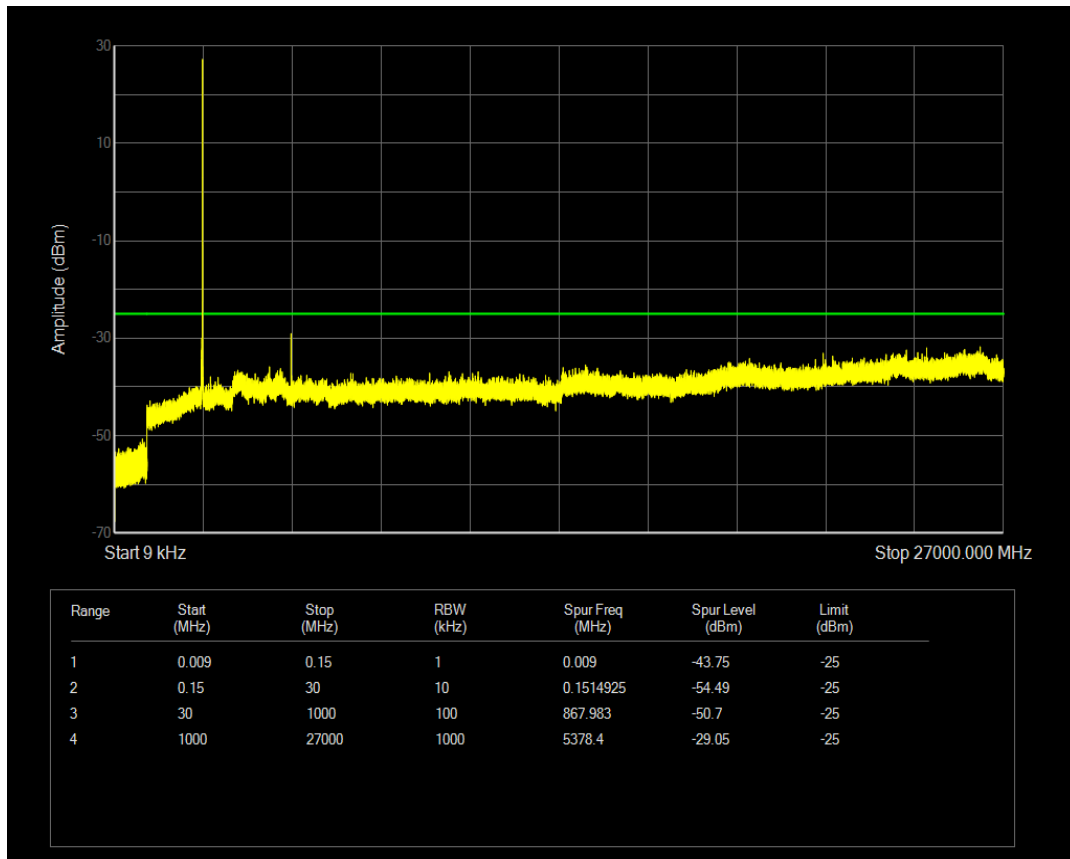
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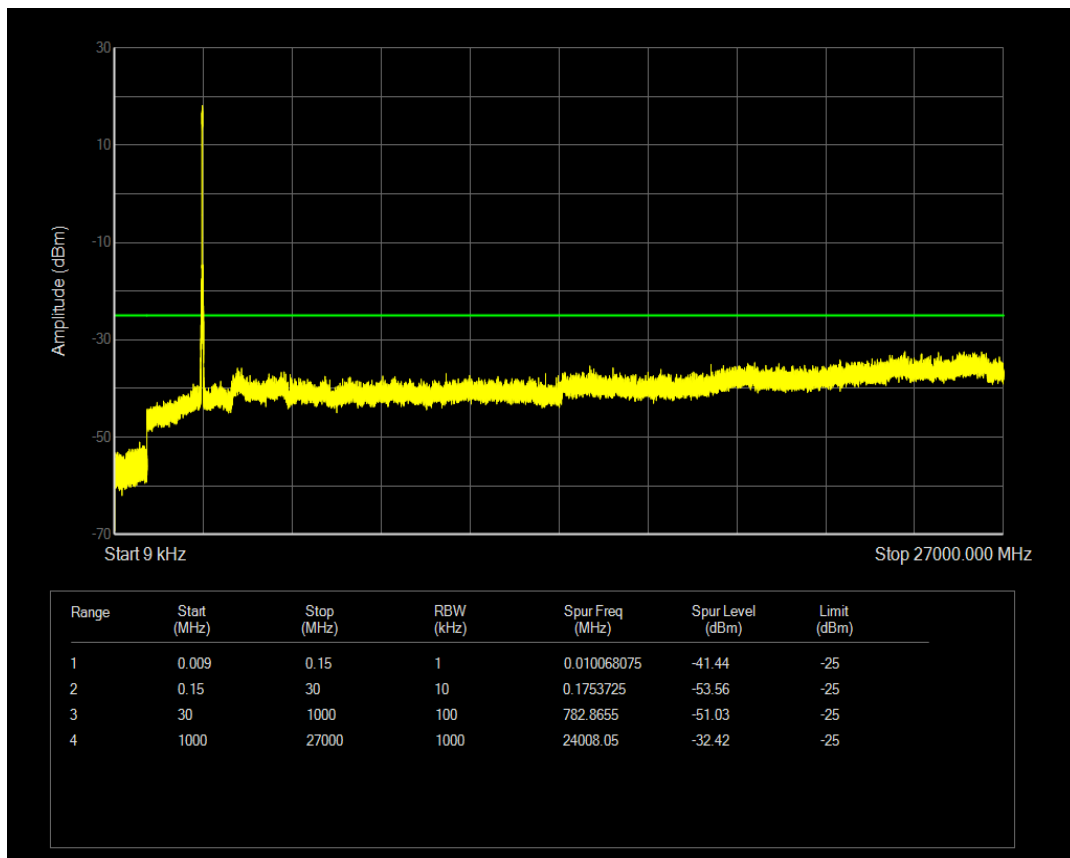
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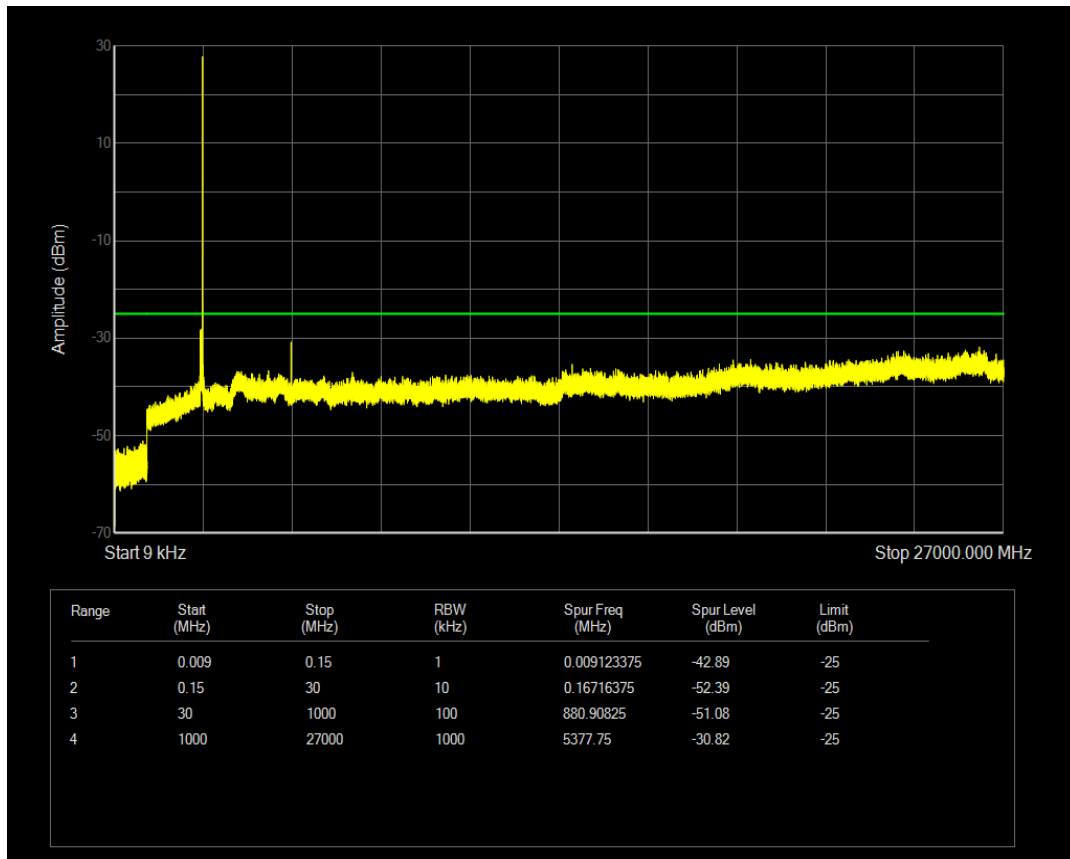
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n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0



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



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

