

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	17.950	18.300	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.060	18.300	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.030	18.200	PASS
n41	30	20	518598	50@0	DFT_QAM64	17.950	18.180	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.950	18.260	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.550	36.280	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.550	36.380	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.440	36.290	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.460	36.430	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.450	36.480	PASS
n41	30	50	518598	128@0	DFT_BPSK	47.020	46.360	PASS
n41	30	50	518598	128@0	DFT_QPSK	46.890	46.290	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.900	46.370	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.000	46.320	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.010	46.400	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.700	58.590	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.700	58.540	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.690	58.580	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.720	58.510	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.790	58.650	PASS
n41	30	80	518598	216@0	DFT_BPSK	76.930	77.960	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.040	78.100	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.940	78.060	PASS
n41	30	80	518598	216@0	DFT_QAM64	76.950	78.160	PASS
n41	30	80	518598	216@0	DFT_QAM256	76.950	78.060	PASS
n41	30	90	518598	240@0	DFT_BPSK	85.960	86.720	PASS
n41	30	90	518598	240@0	DFT_QPSK	85.960	86.700	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.290	86.770	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.320	86.680	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.410	86.630	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.020	97.480	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.280	97.380	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.160	97.390	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.270	97.510	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.330	97.430	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_QAM16 BW=100MHz Channel=518598 RB=270@0



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



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



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



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



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



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



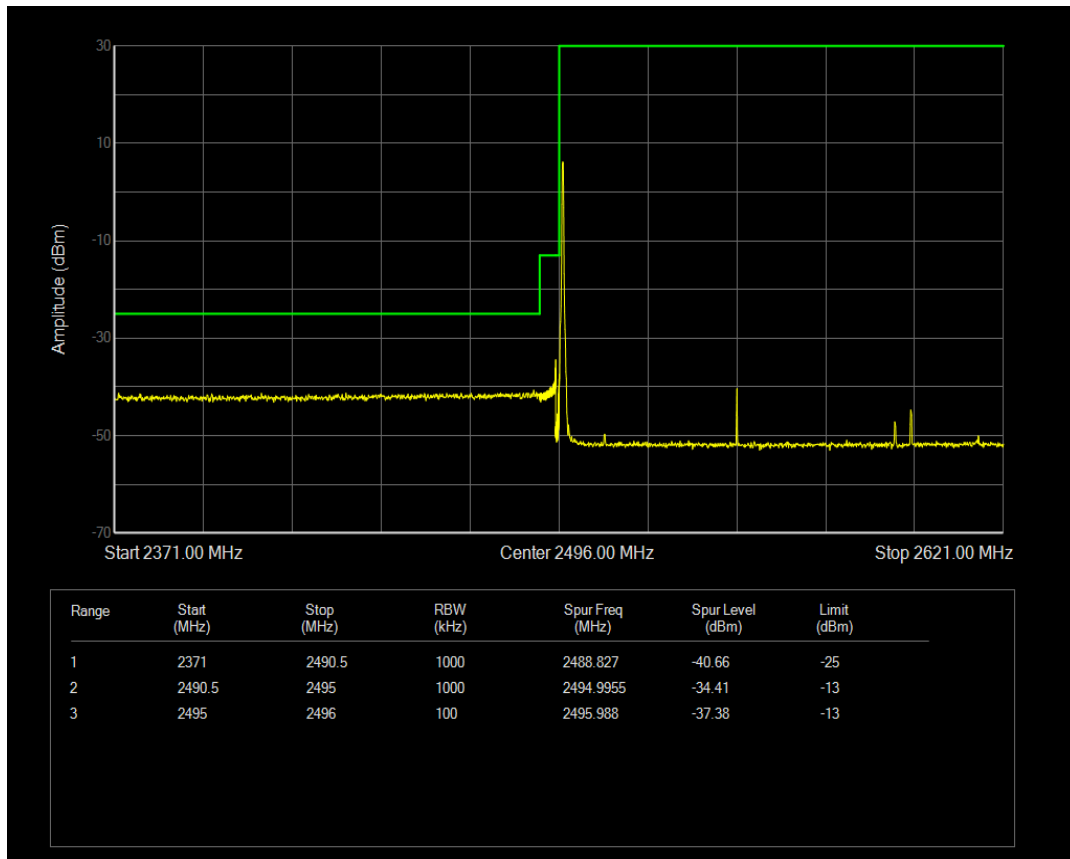
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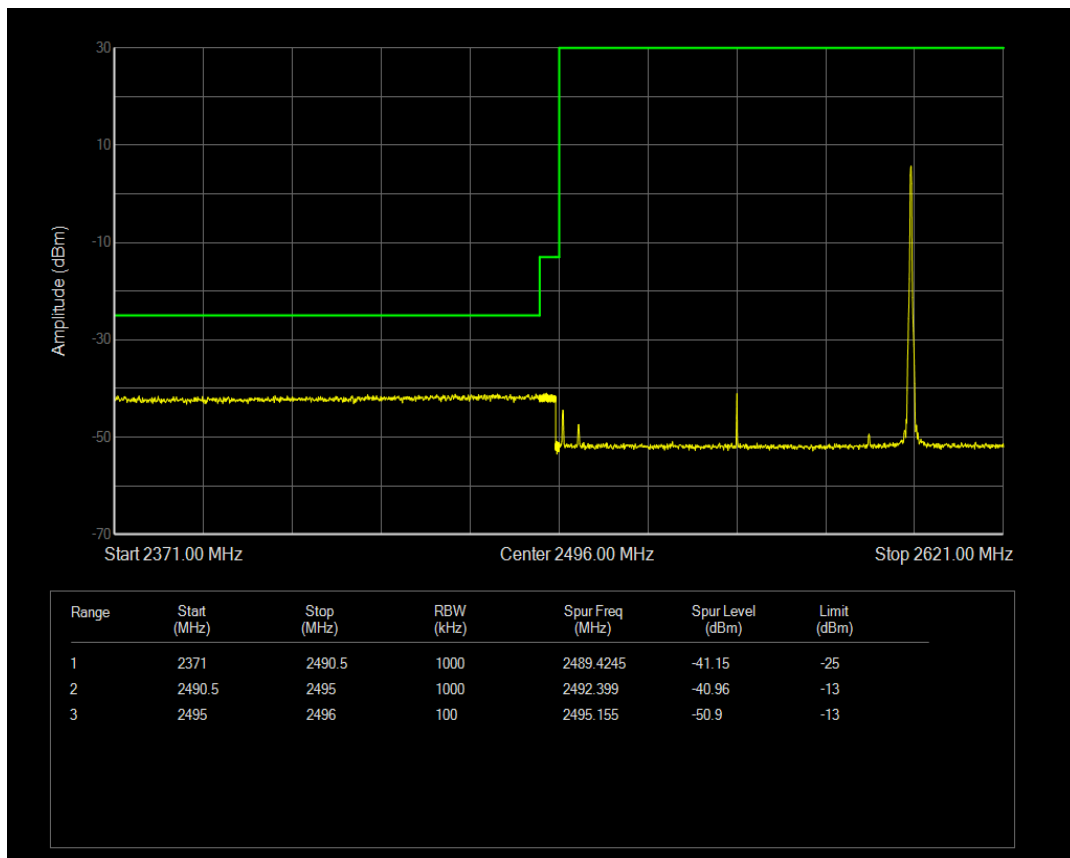
5 Band edge for NR FR1

<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	2489.14	-34.11	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2487.95	-41.02	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2485.63	-40.74	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2710.16	-38.13	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2710.29	-40.86	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2713.86	-41.11	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2489.82	-37.30	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2469.52	-41.03	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2486.51	-41.00	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2690.00	-25.58	-10	PASS
n41	30	50	532998	1@0	CP_QPSK	2750.01	-41.05	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2743.50	-41.13	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2495.99	-23.55	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2488.83	-40.66	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2489.42	-41.15	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2690.01	-23.74	-10	PASS
n41	30	100	528000	1@0	CP_QPSK	2793.63	-41.06	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2804.30	-41.15	-25	PASS

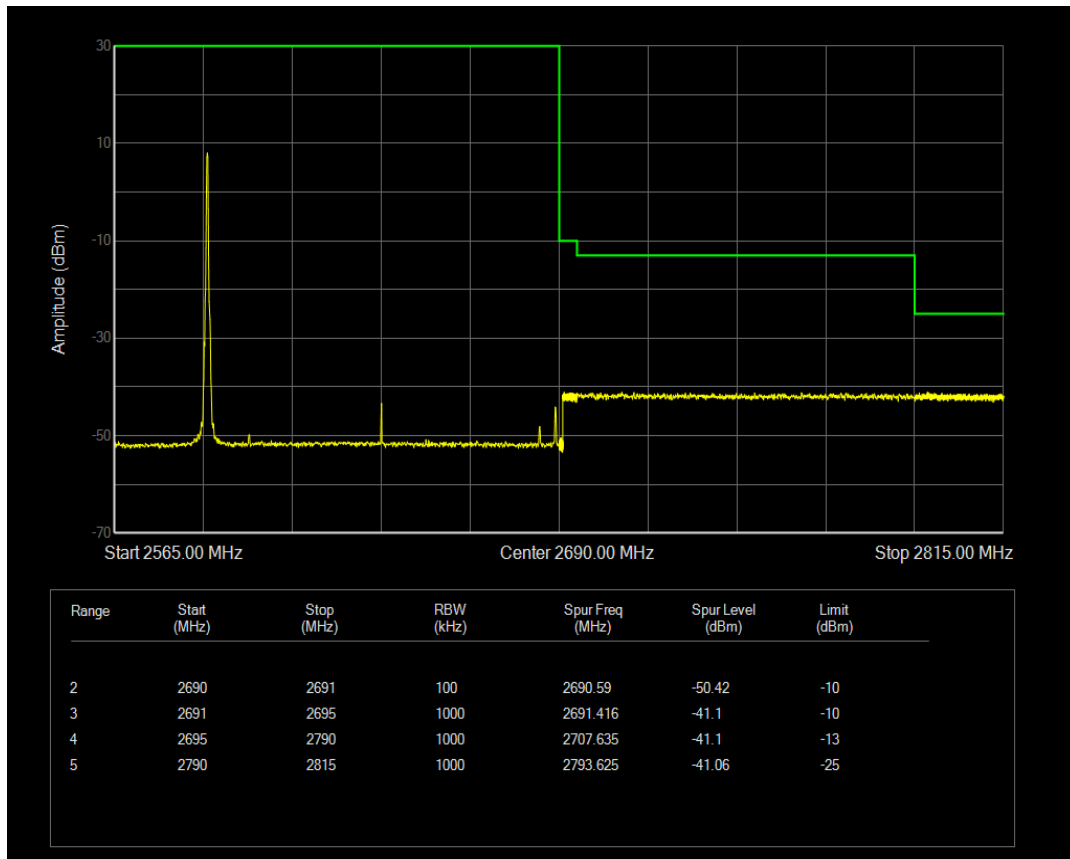
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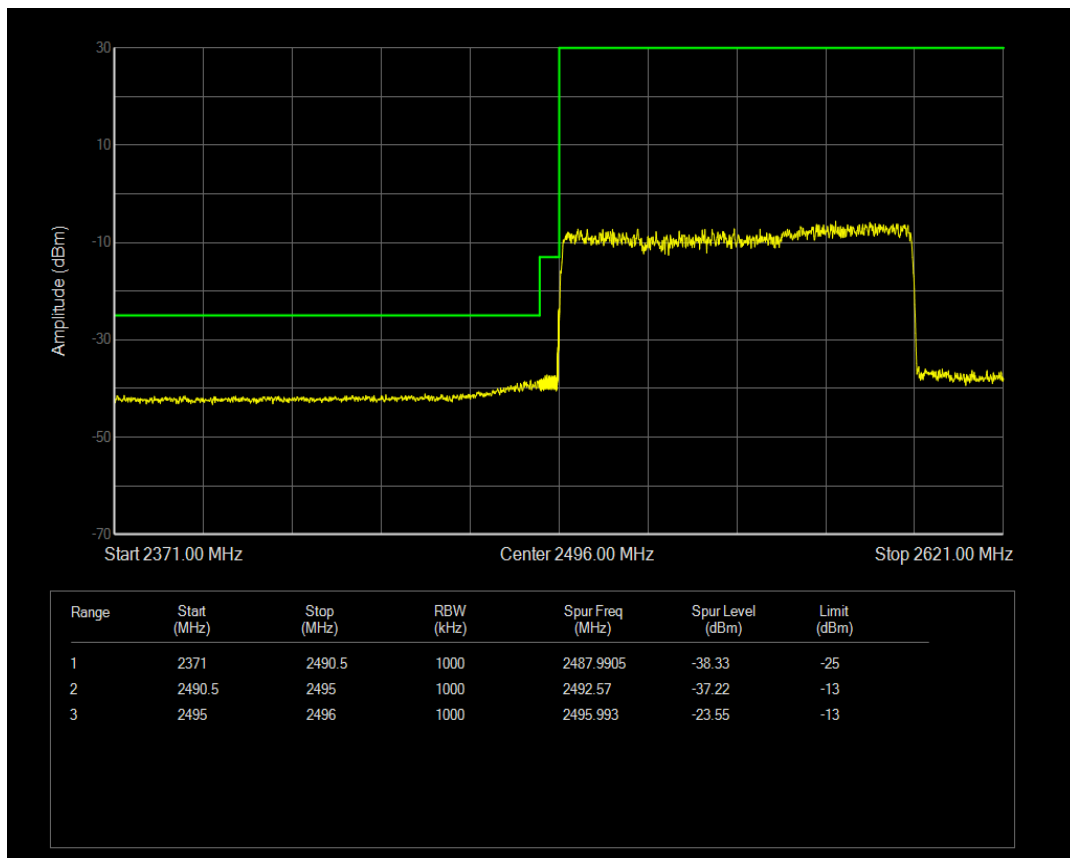
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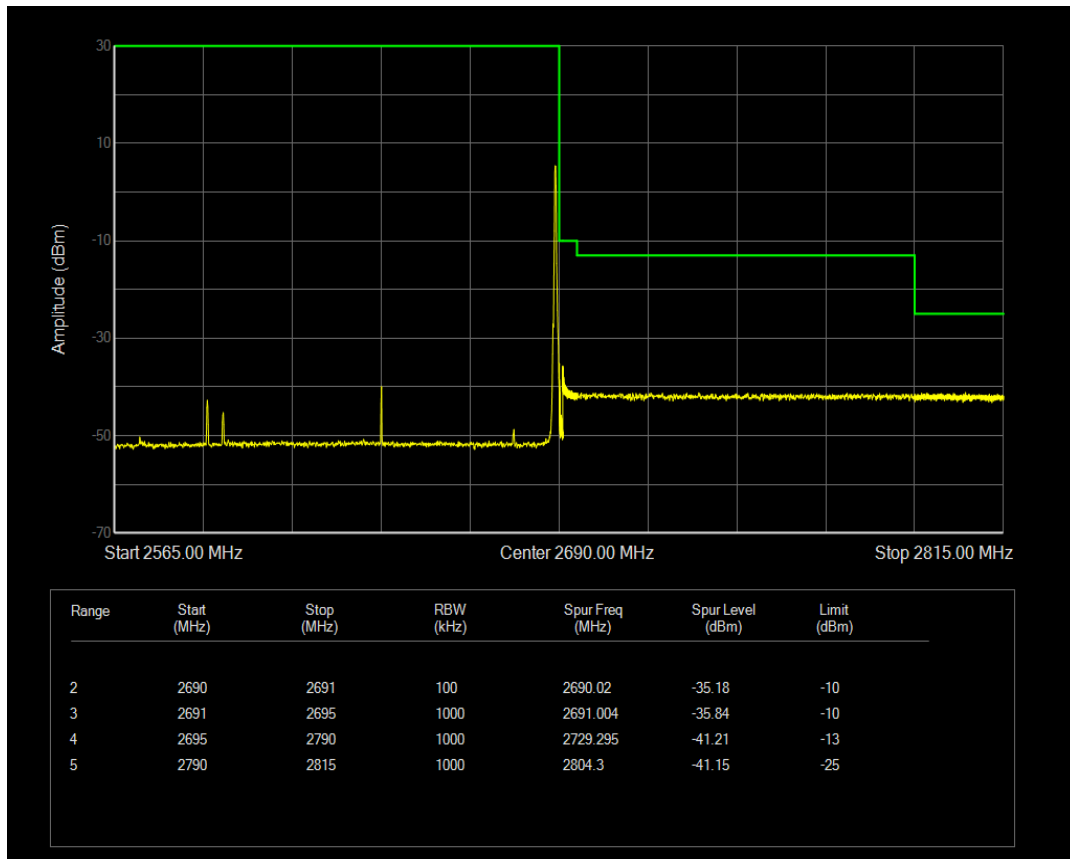
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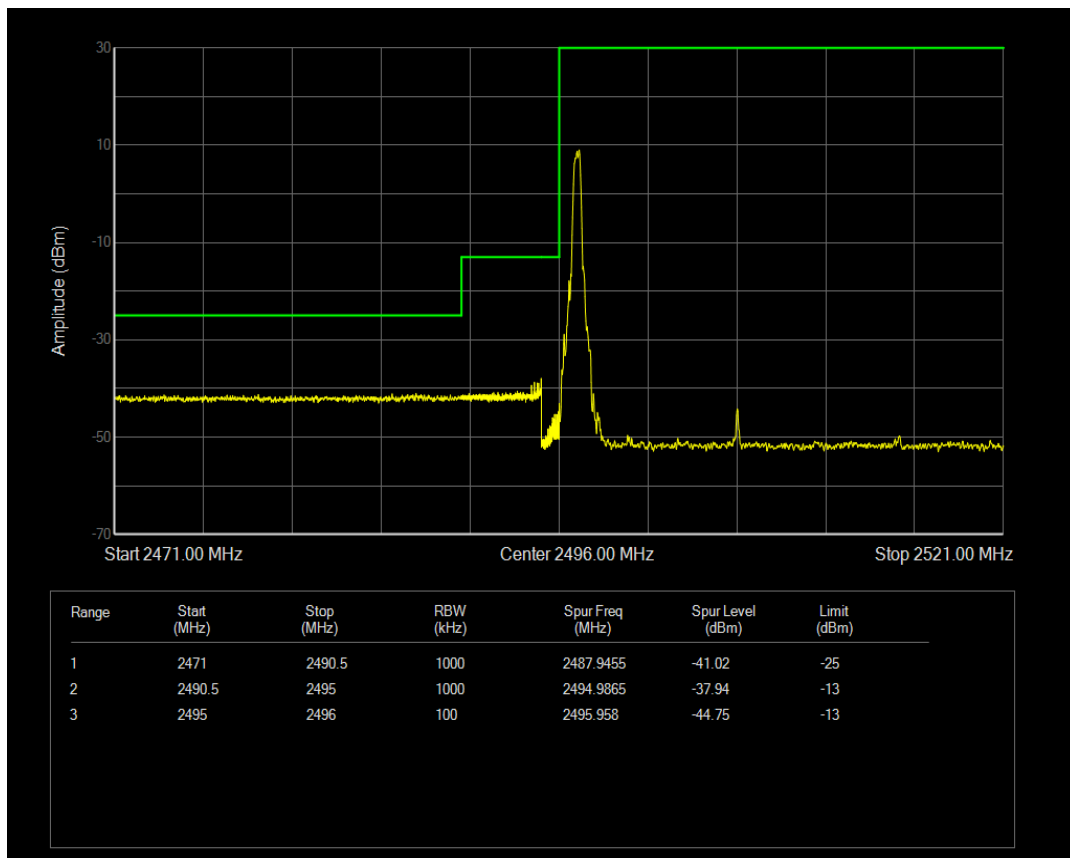
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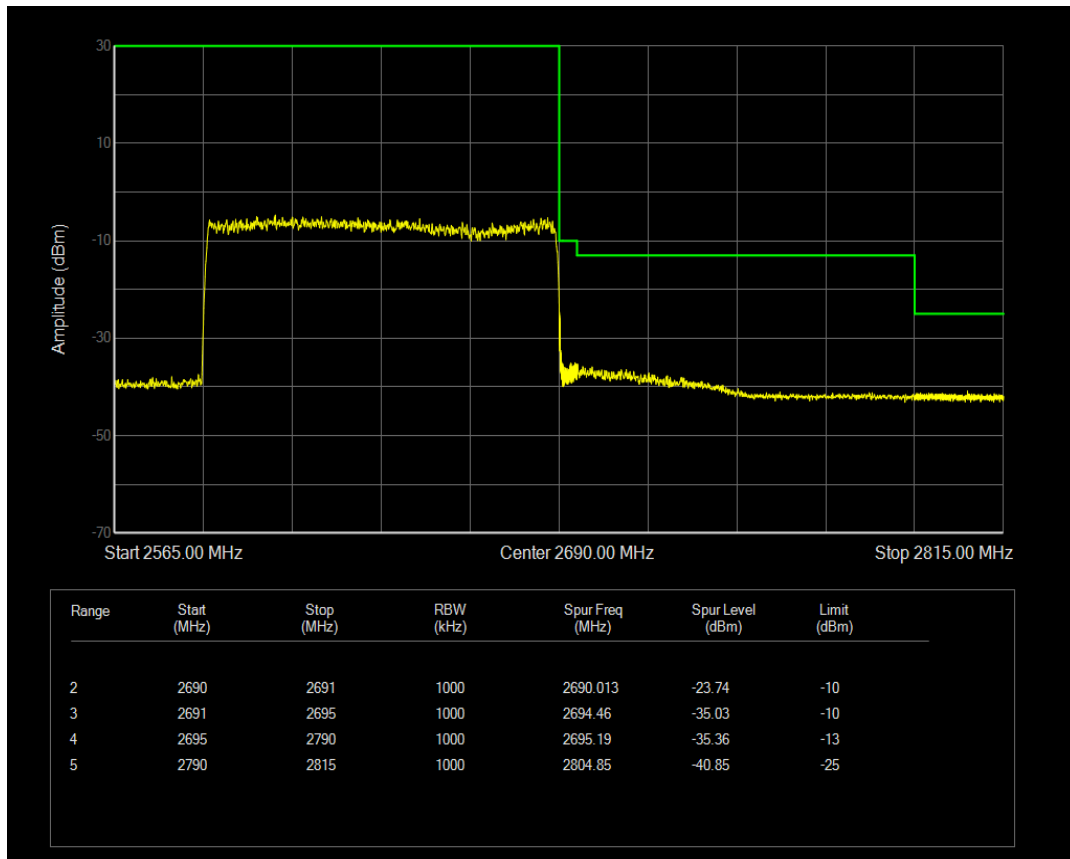
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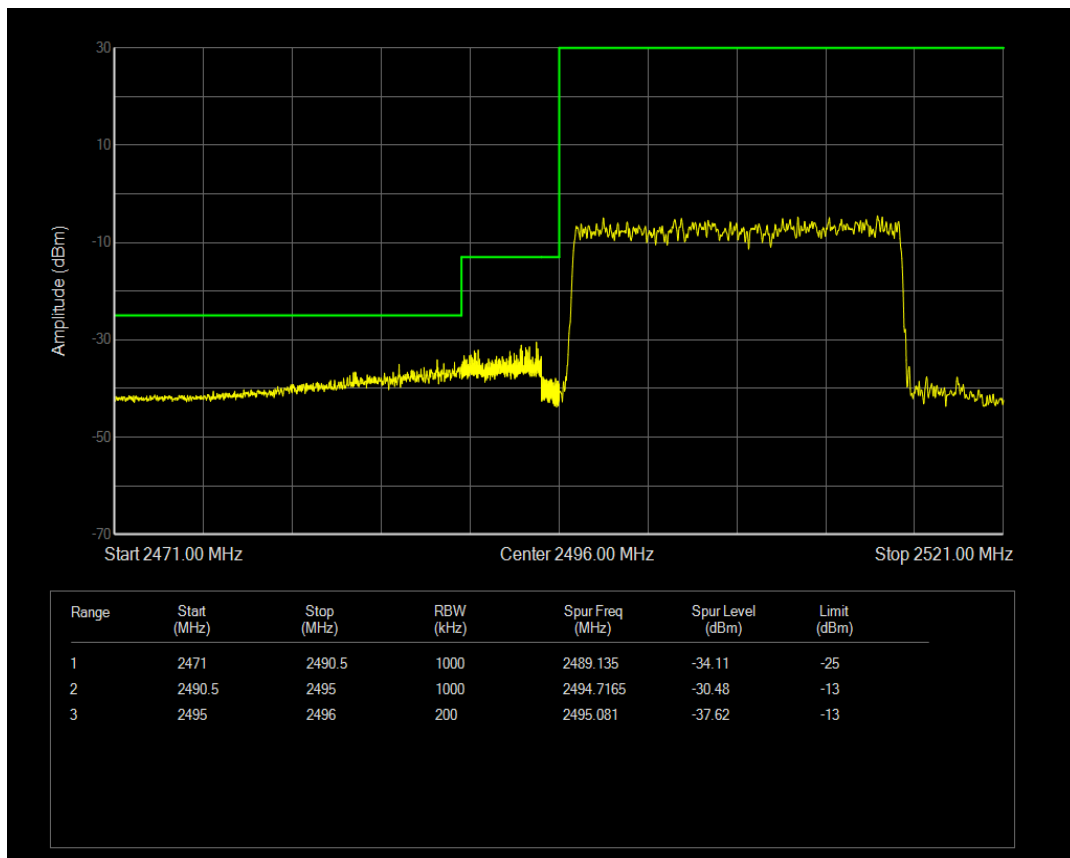
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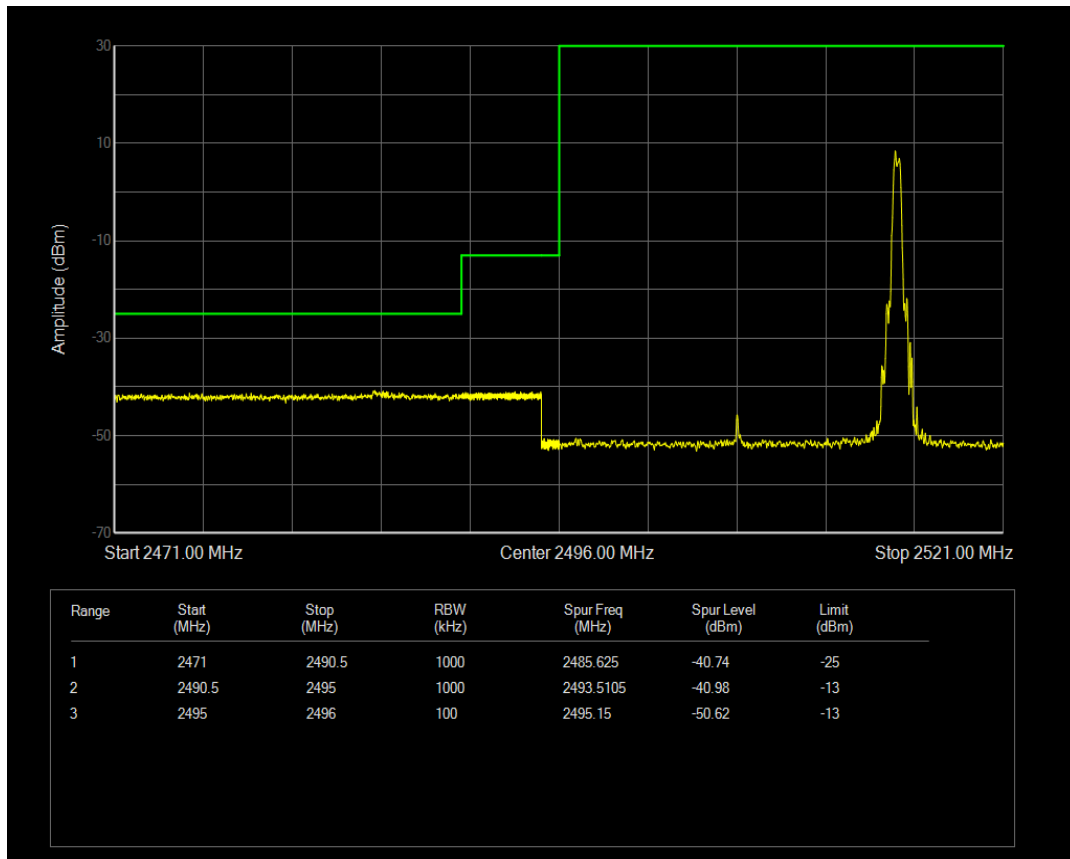
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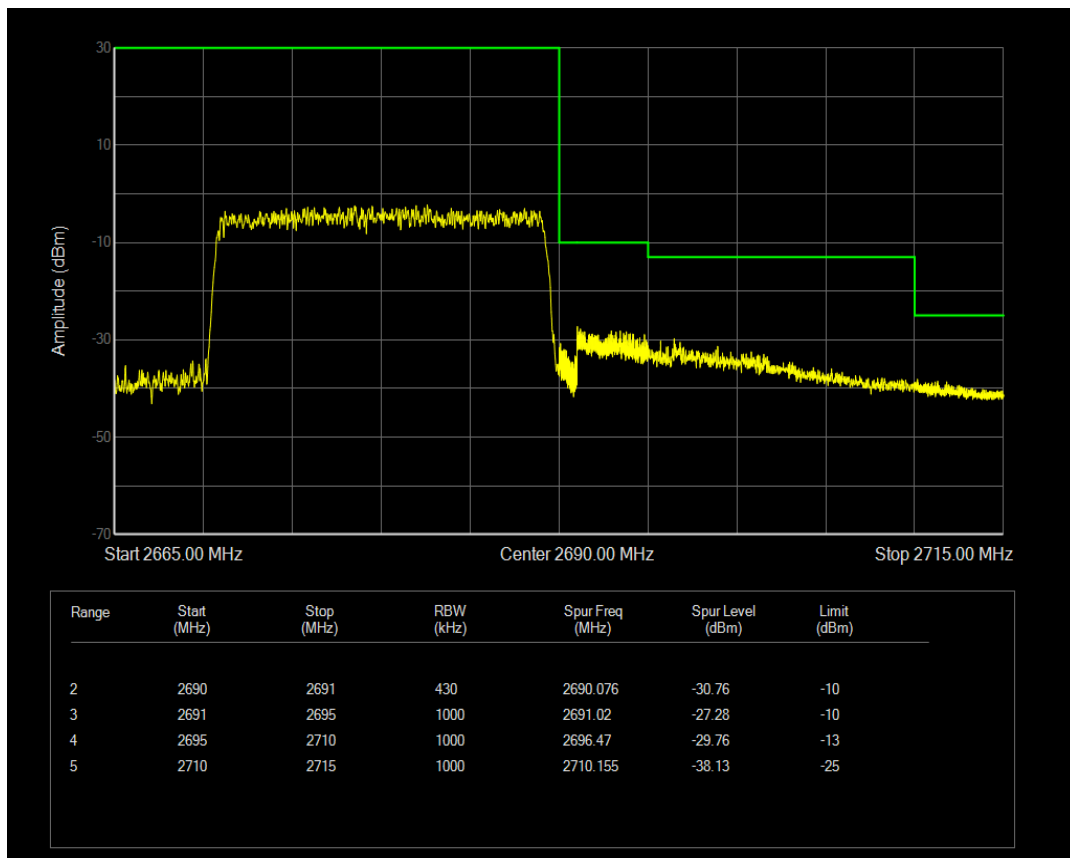
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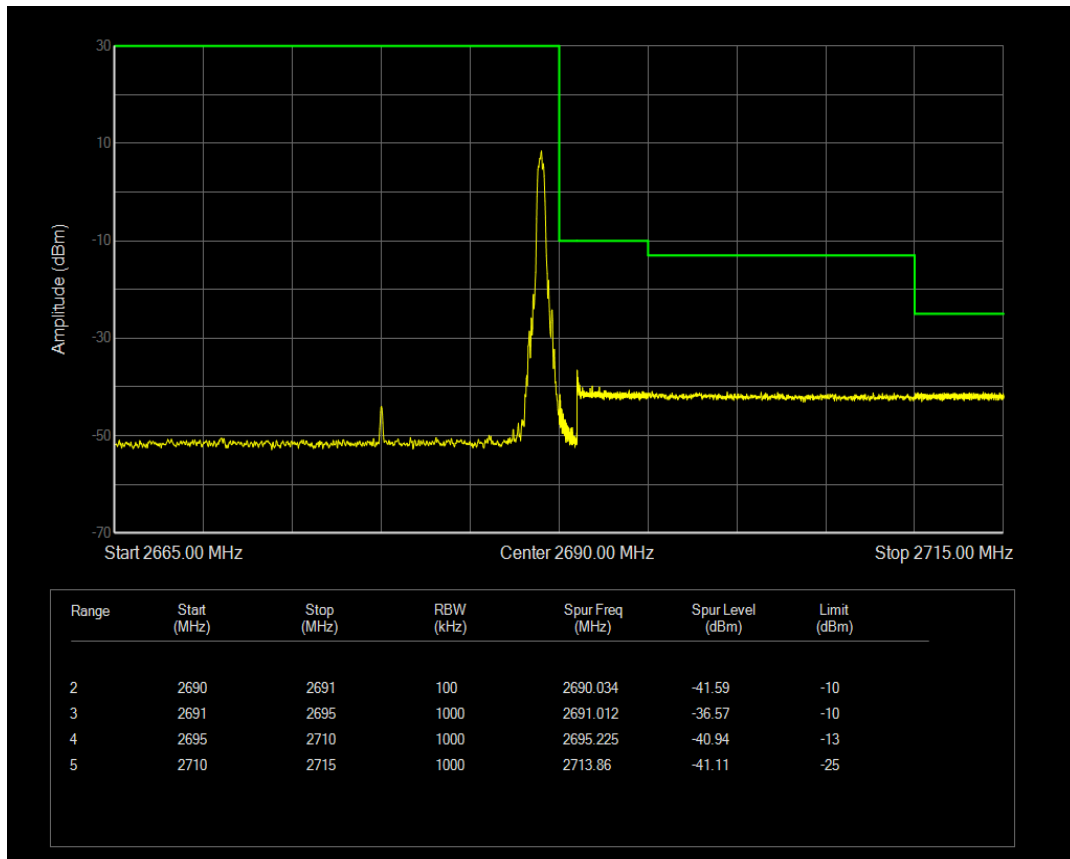
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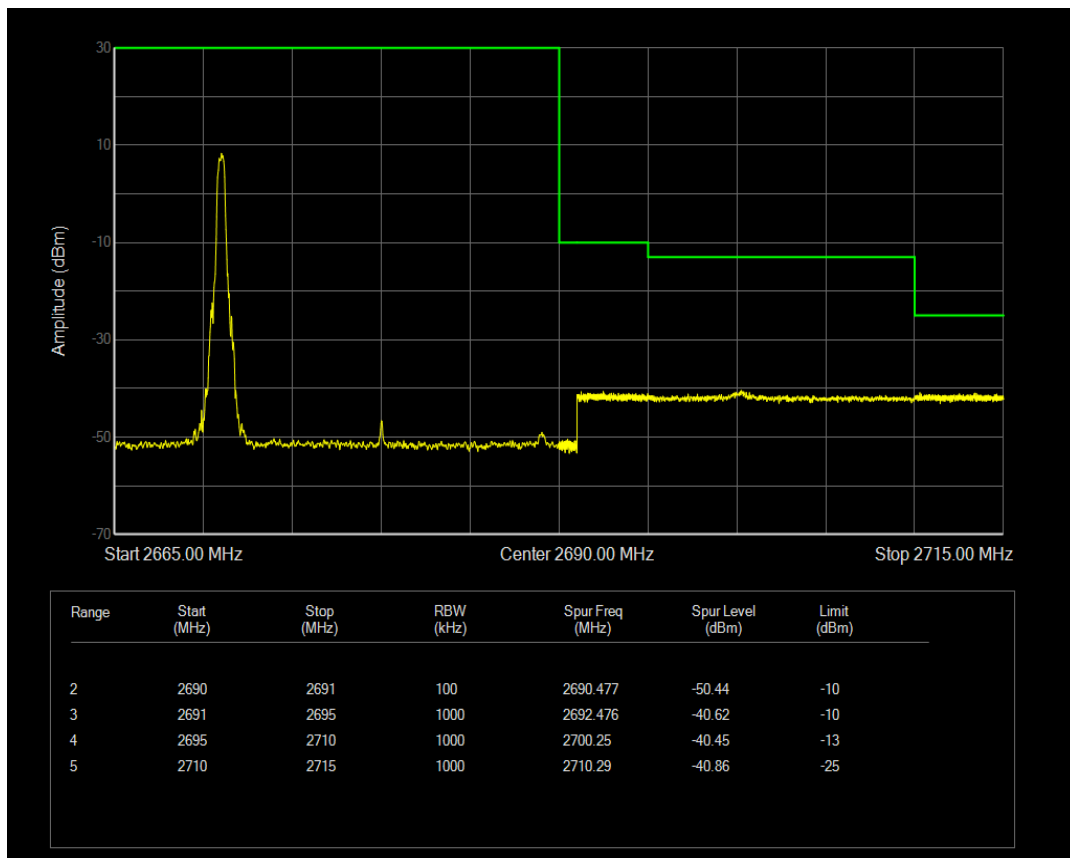
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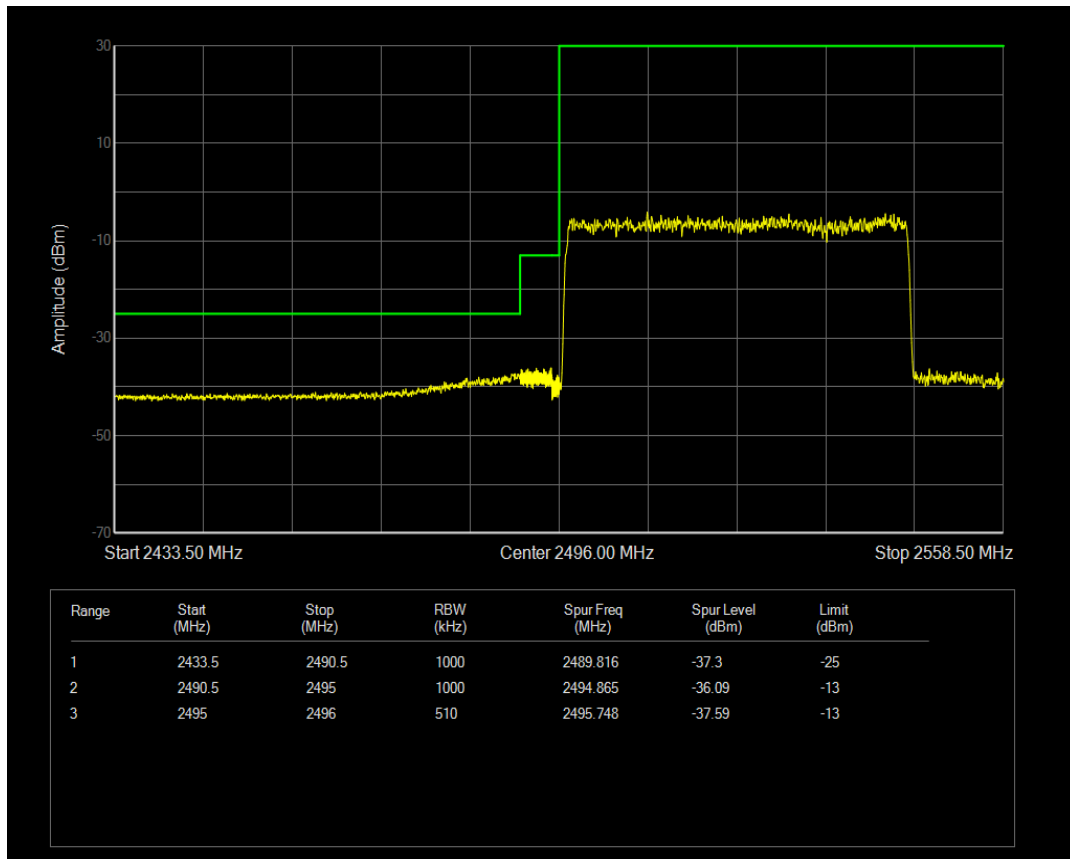
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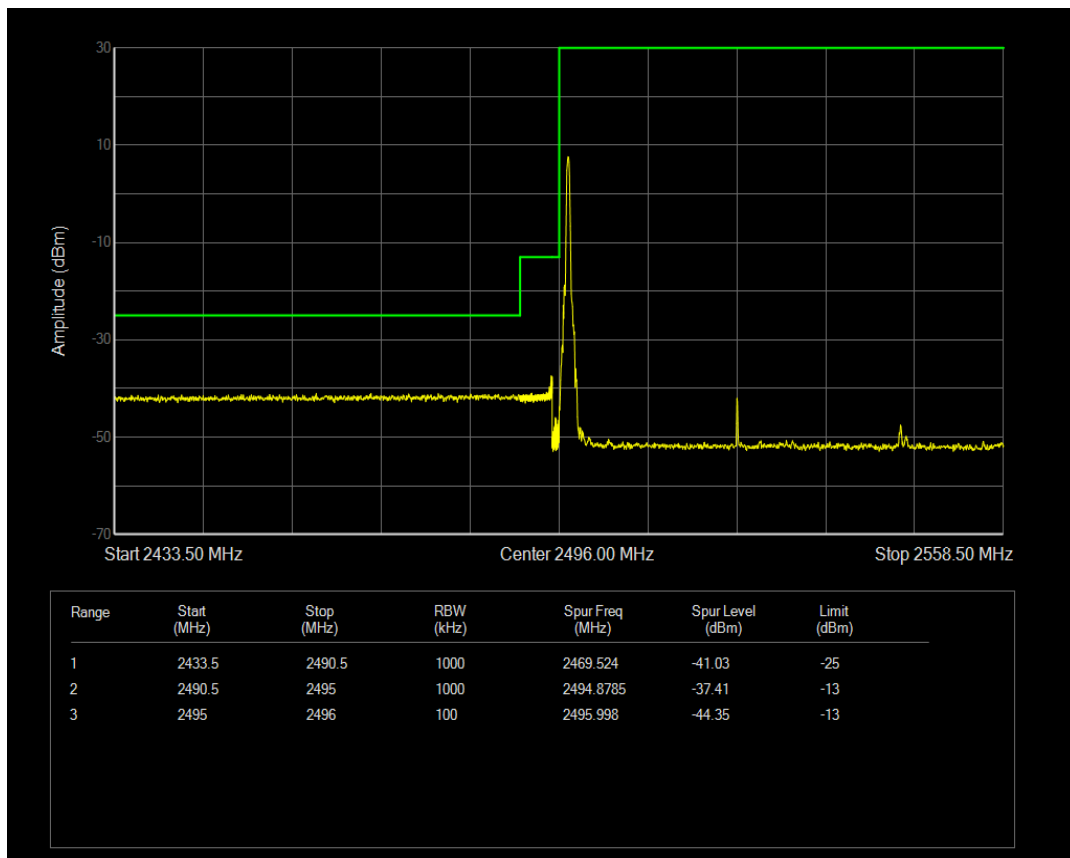
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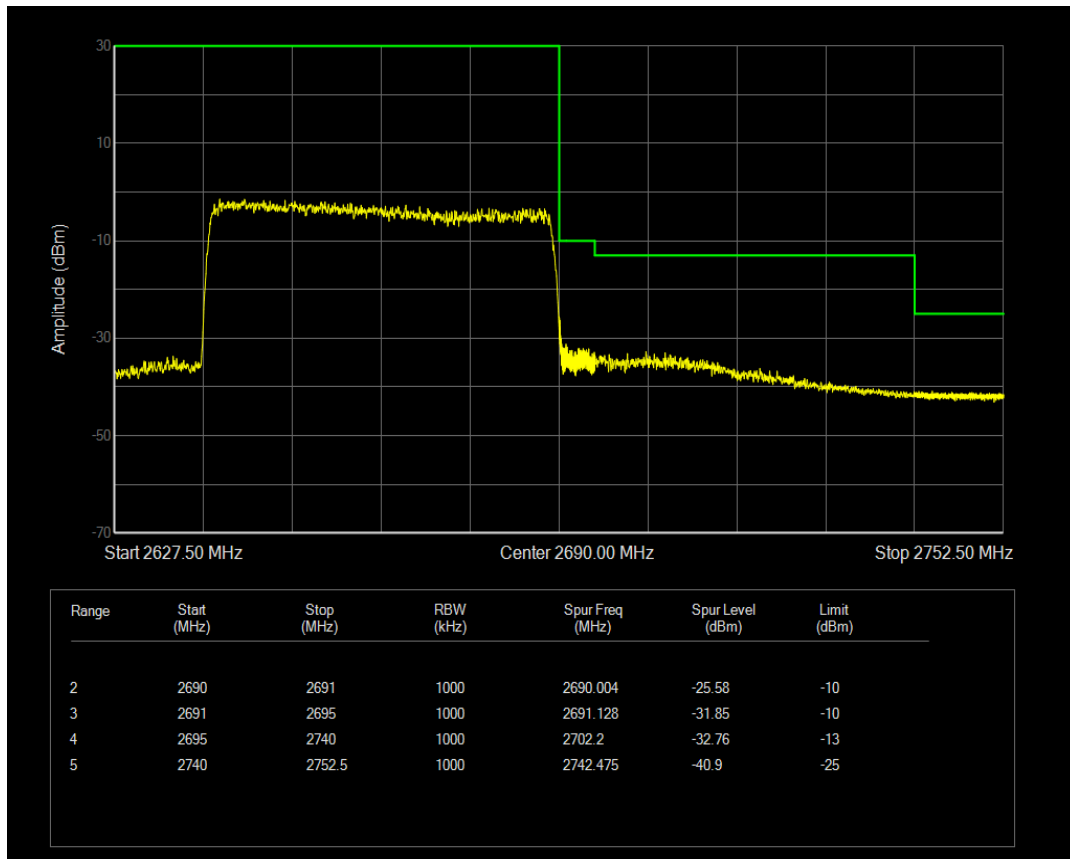
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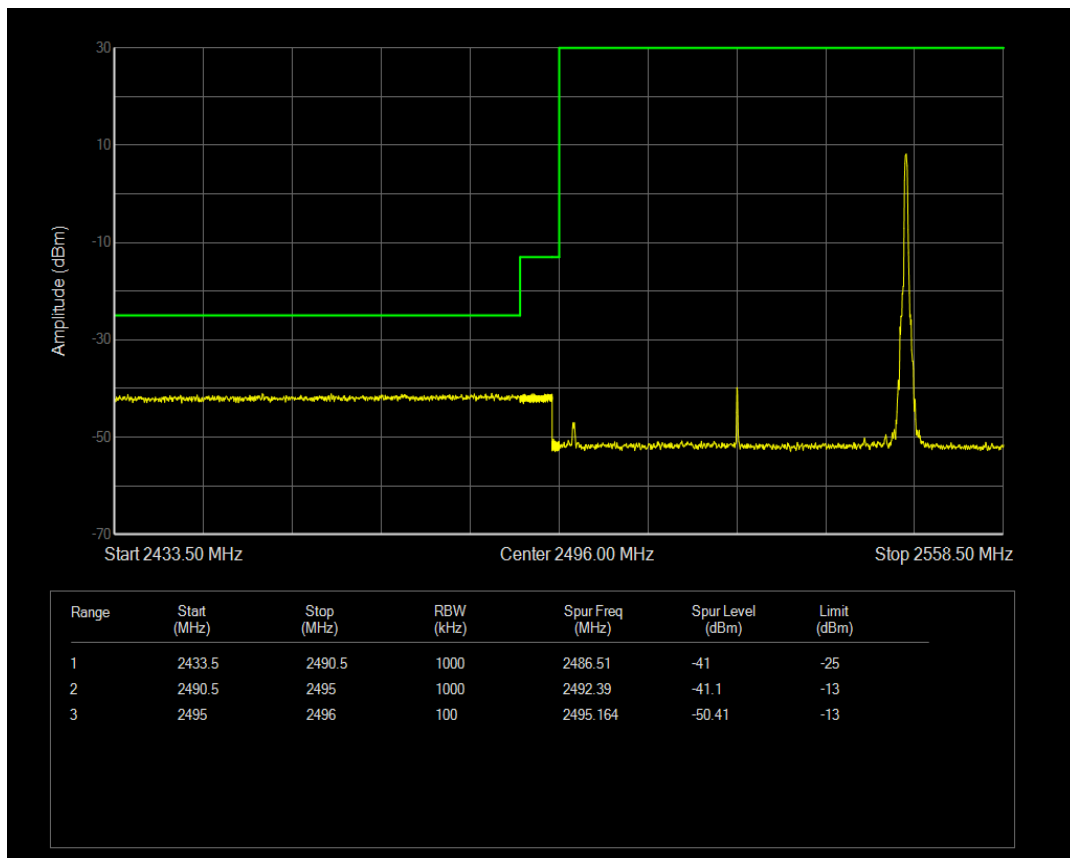
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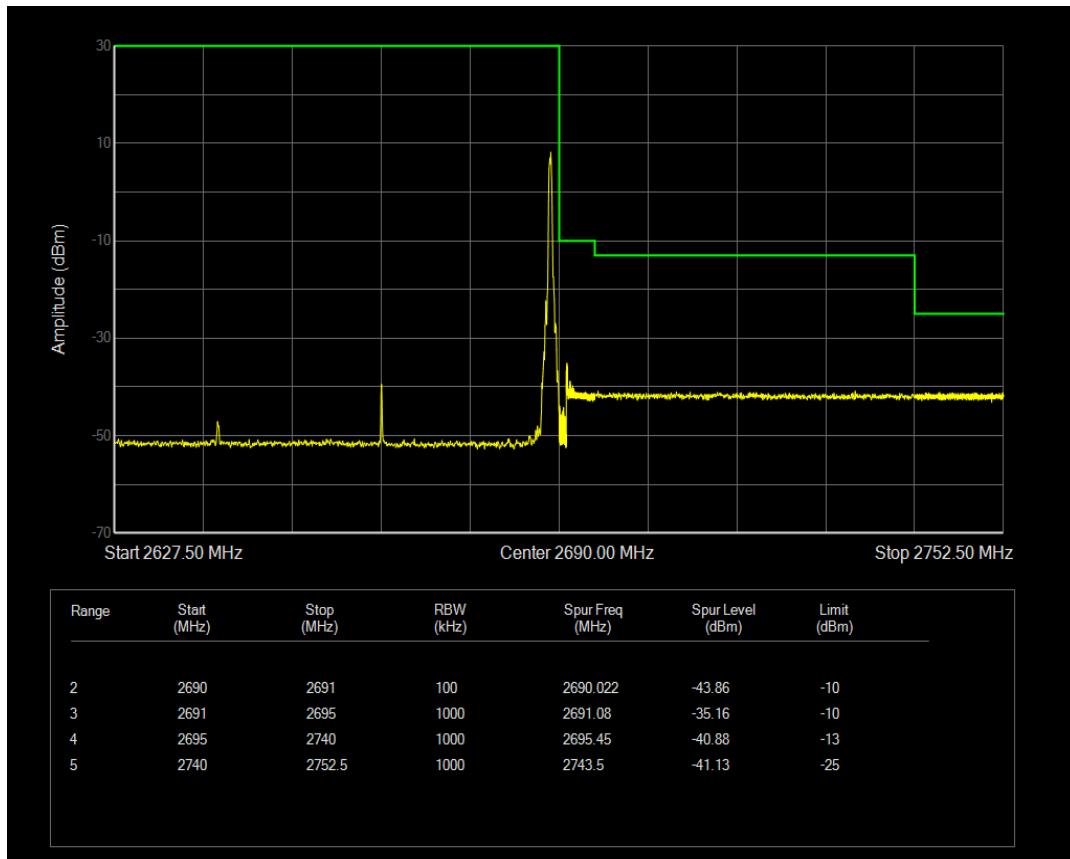
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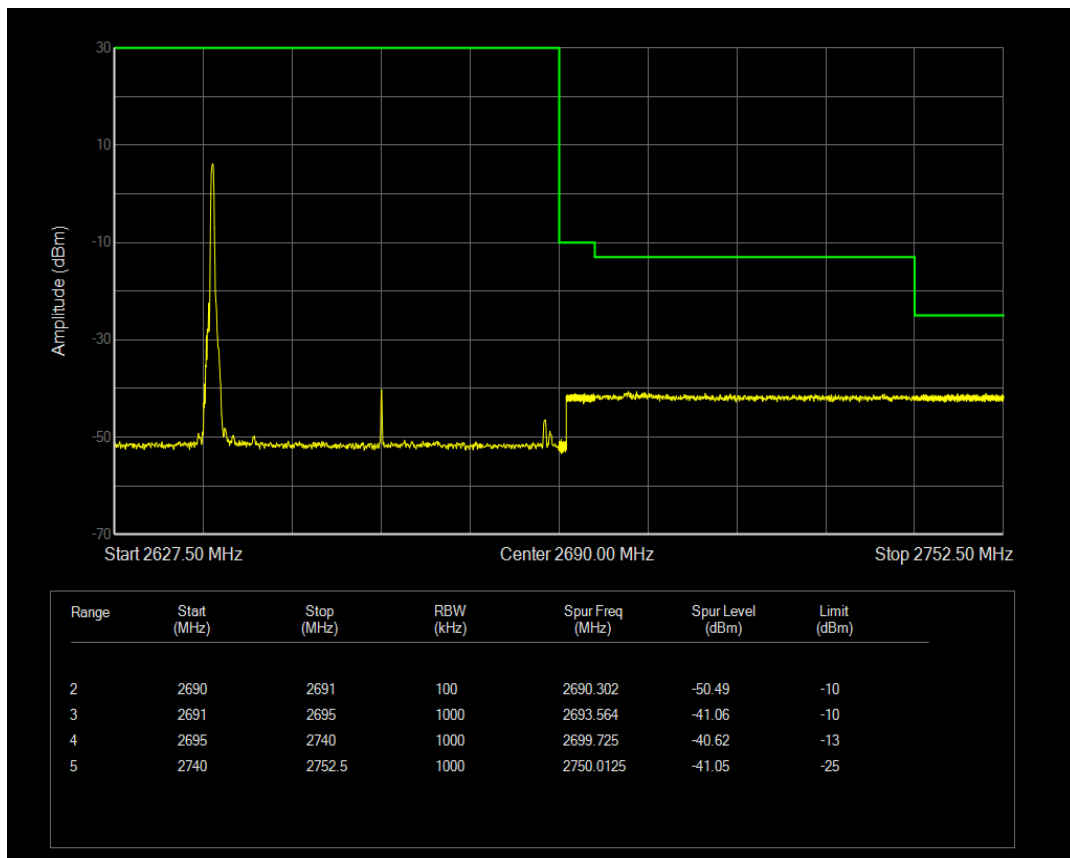
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@132



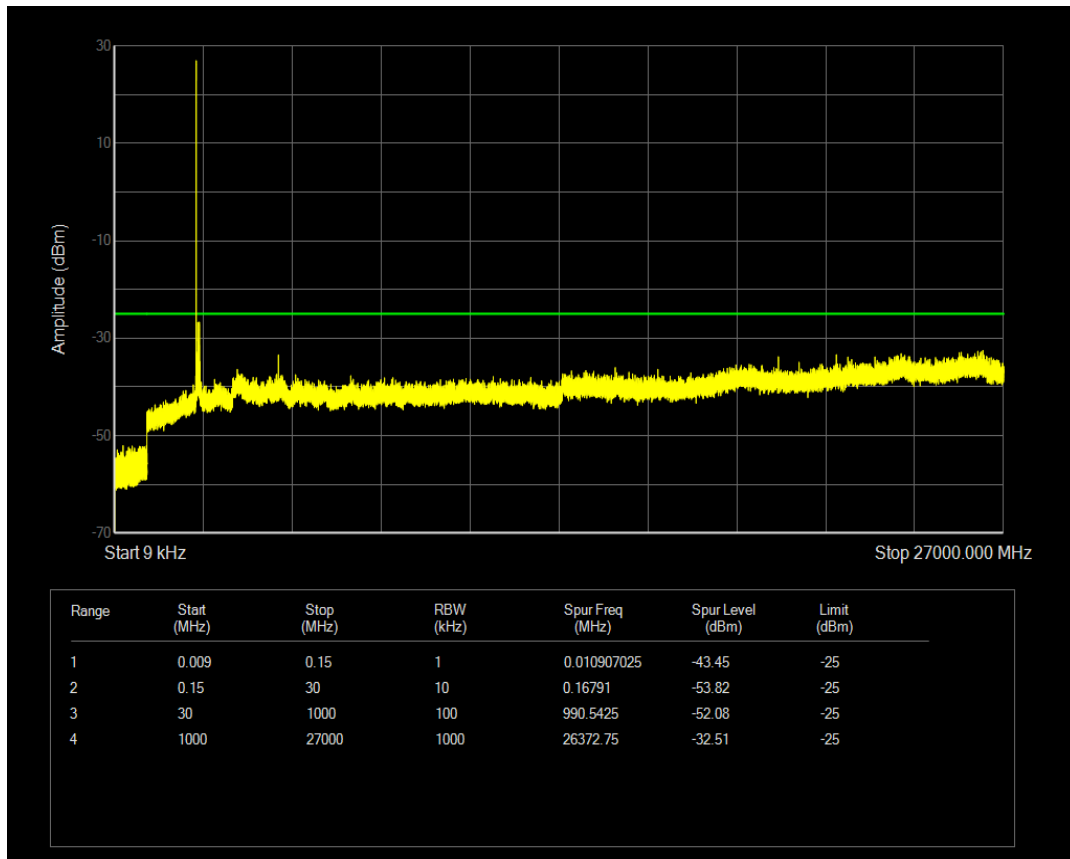
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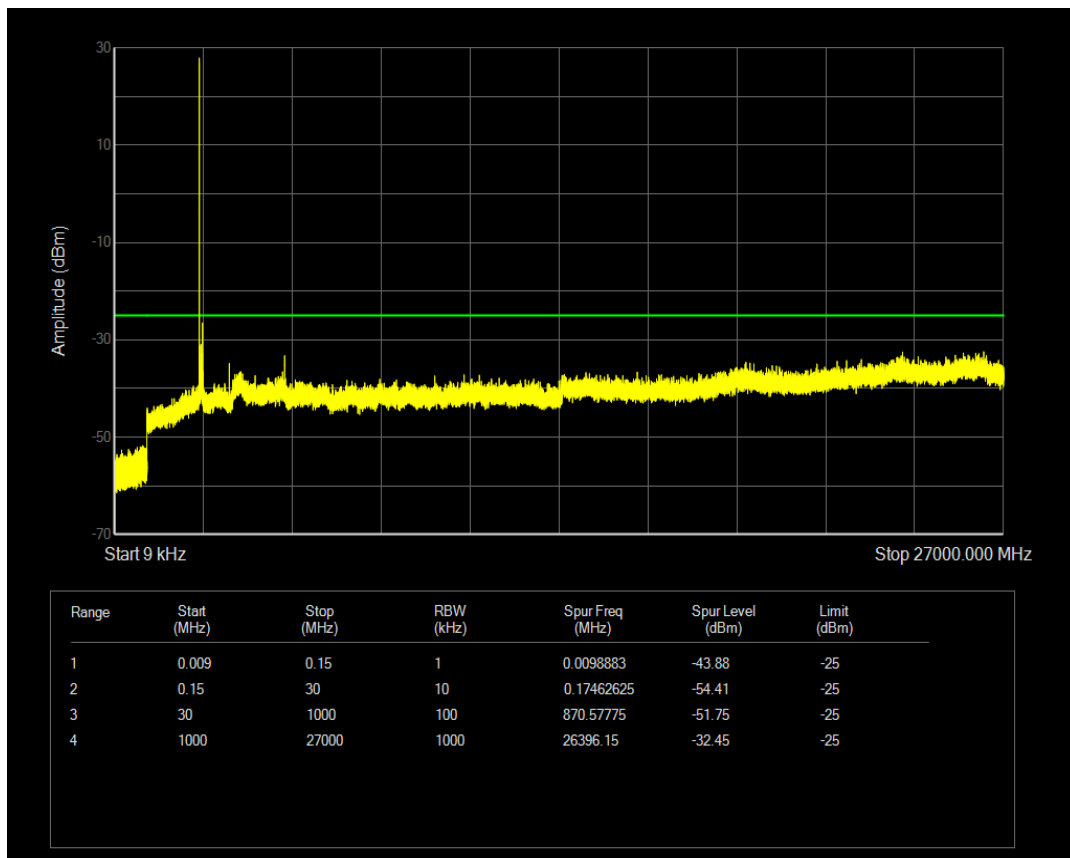
6 Out-of-band emissions for NR FR1

<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	23995.70	-32.42	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	26099.10	-32.47	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	26395.50	-32.16	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	26086.10	-32.17	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	5342.00	-28.48	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	26462.45	-32.70	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	25736.40	-31.28	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	25641.50	-32.42	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	26307.75	-32.51	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	25077.30	-32.61	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	5281.55	-32.31	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	24626.20	-32.44	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	25878.10	-32.66	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	26372.75	-32.51	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	26202.45	-32.14	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	25900.85	-32.73	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	26396.15	-32.45	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	26387.05	-32.64	-25	PASS

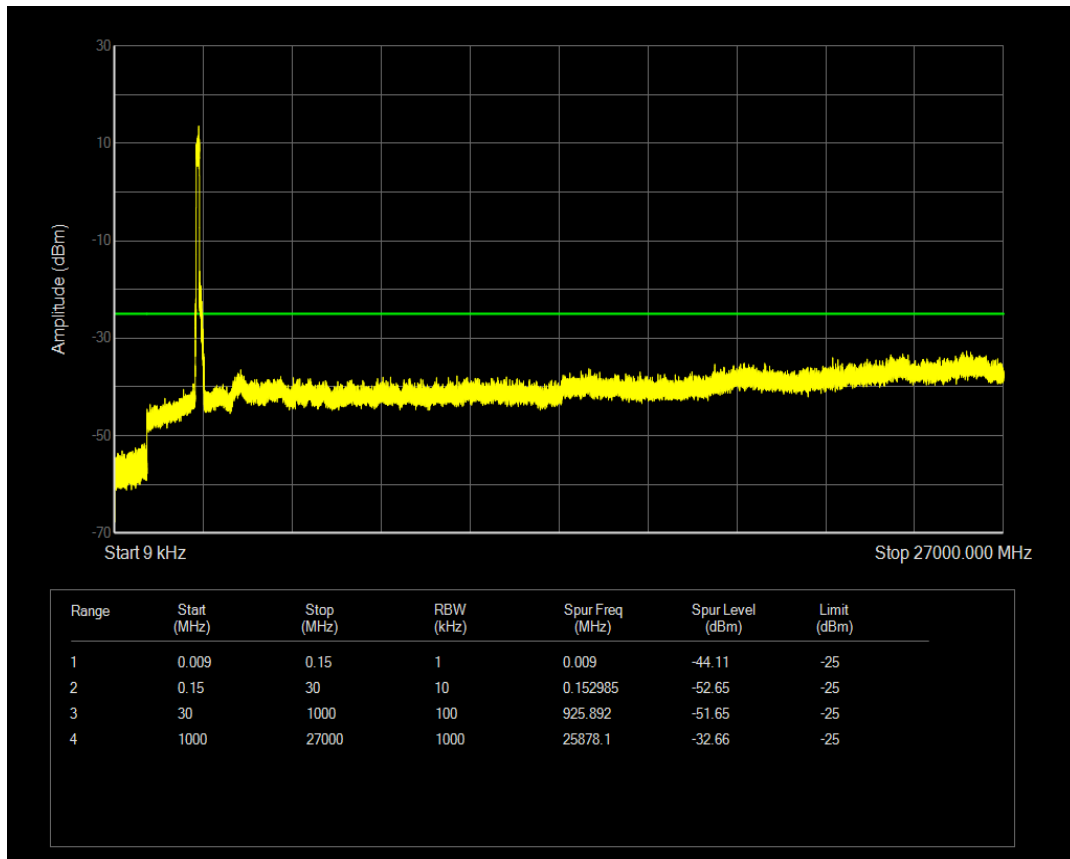
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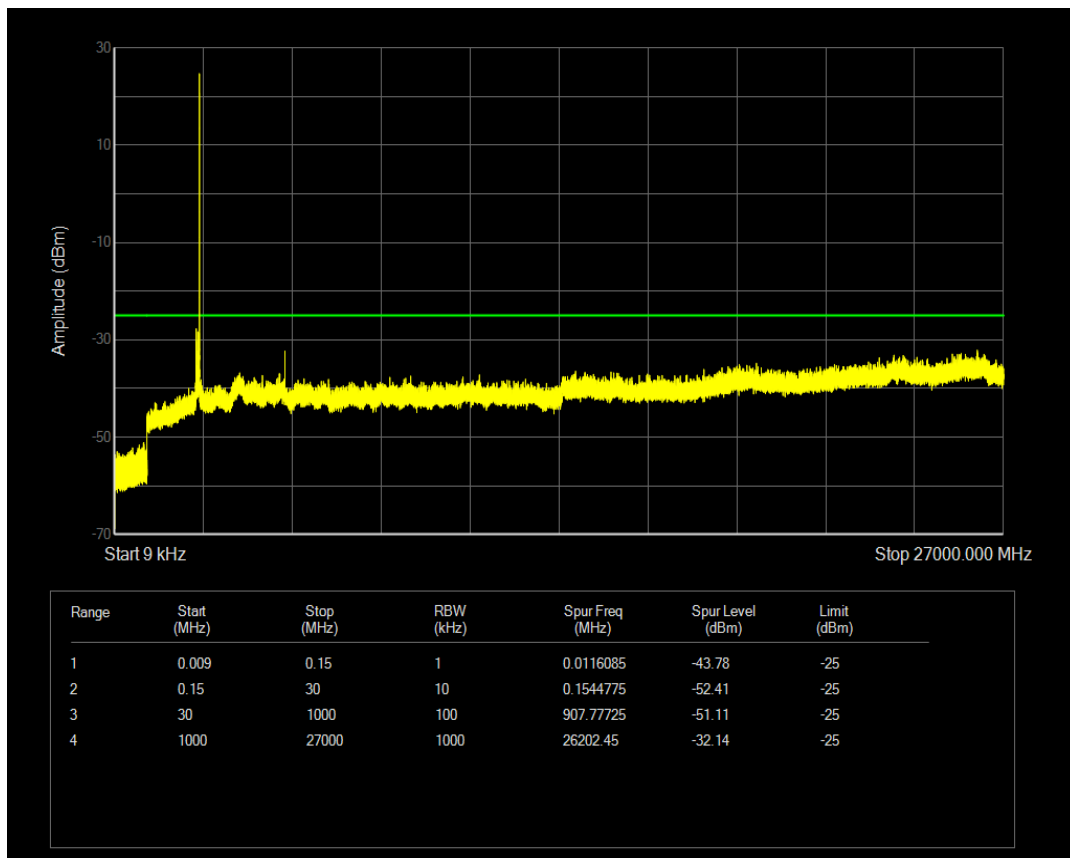
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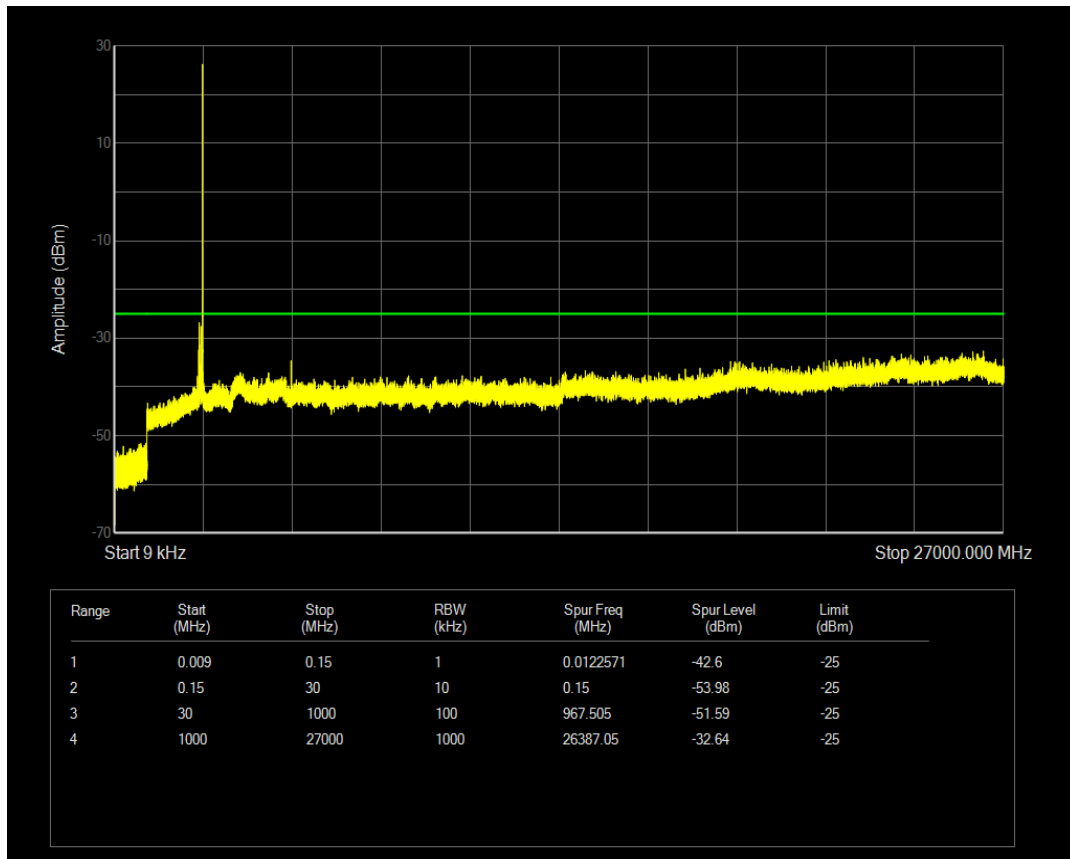
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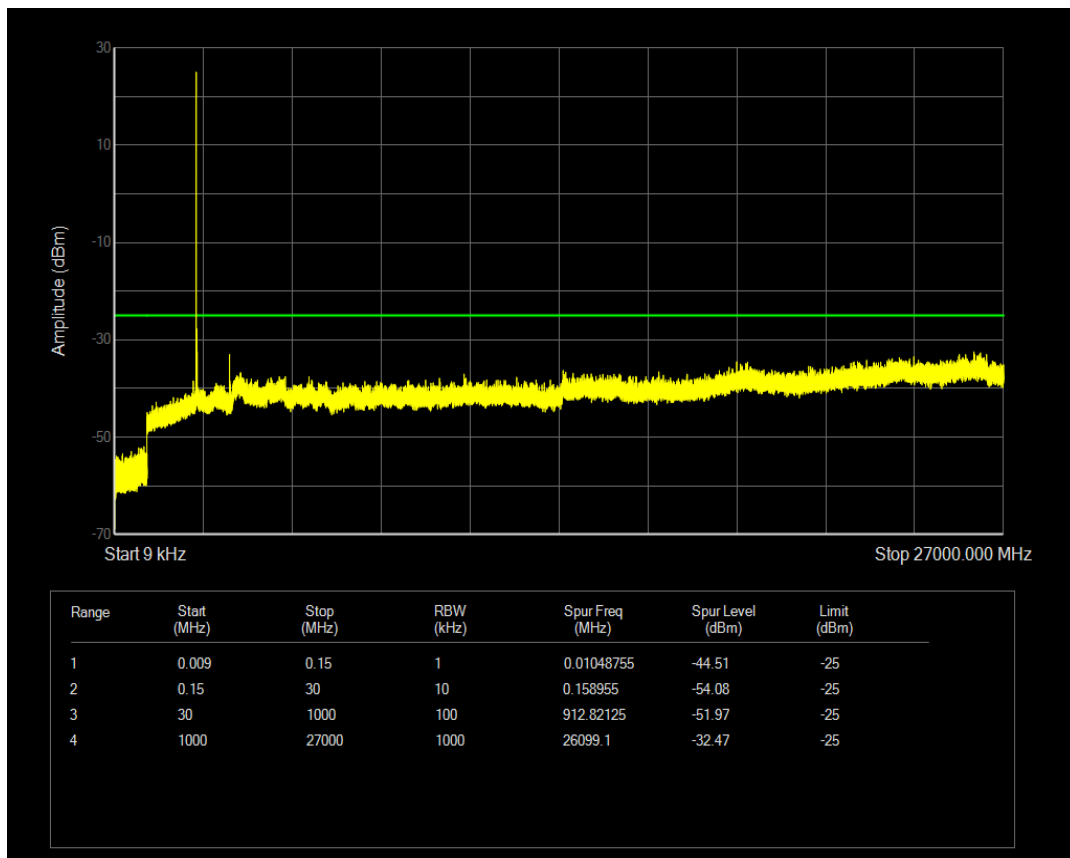
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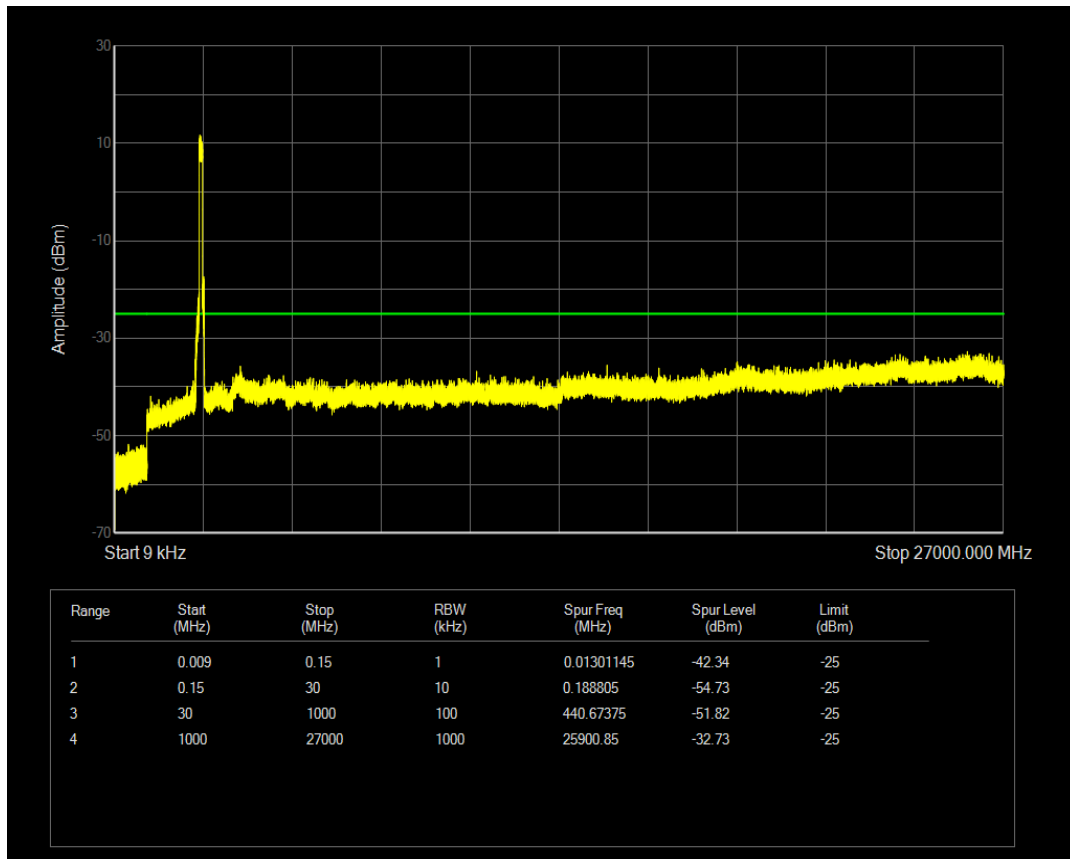
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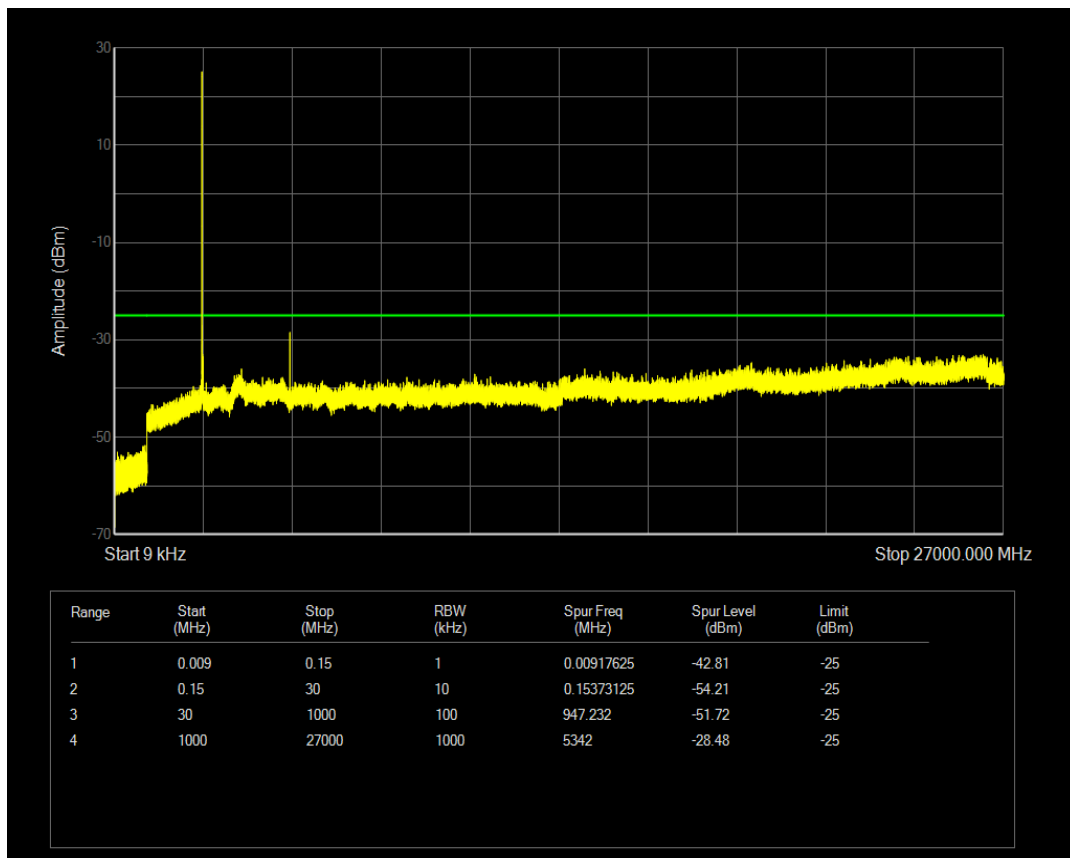
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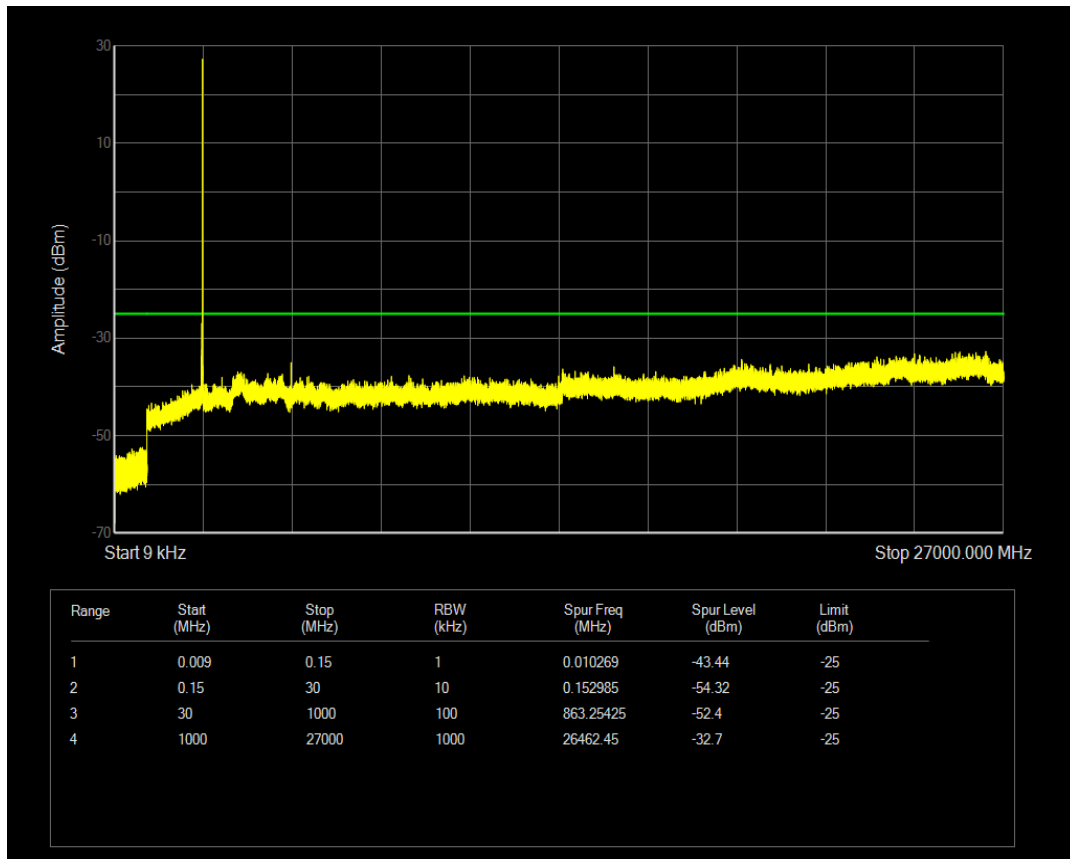
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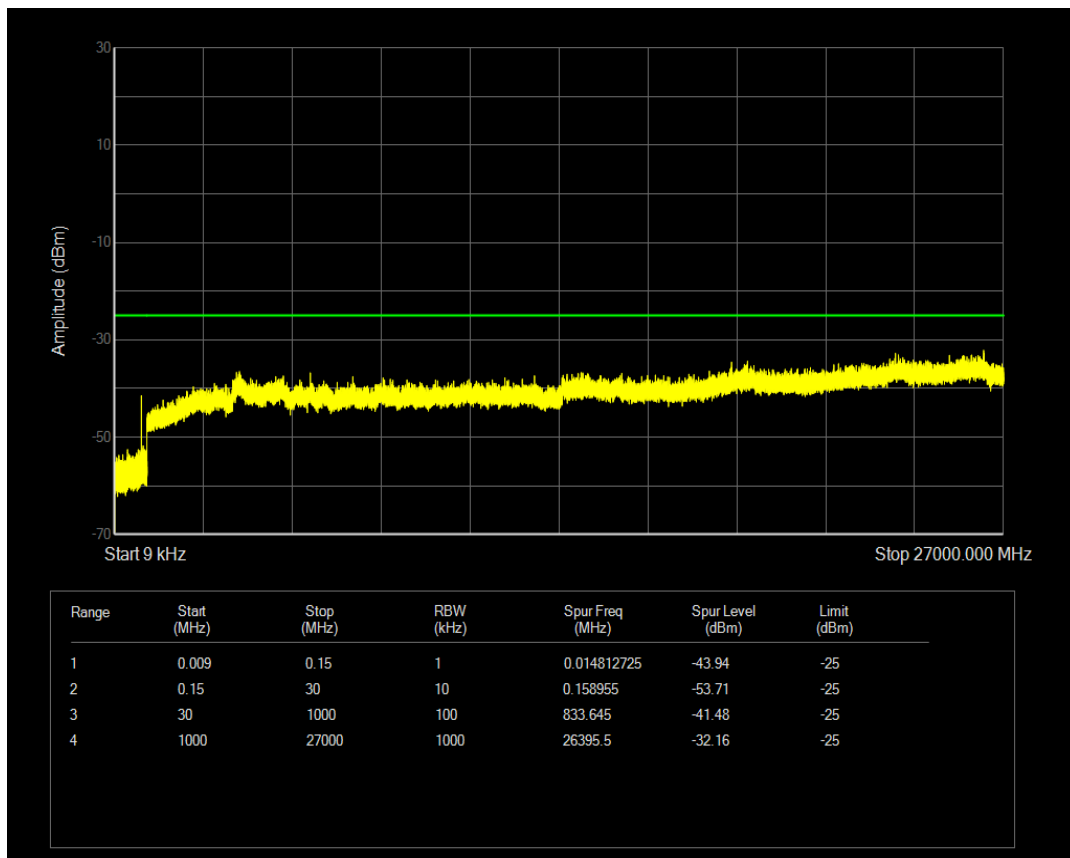
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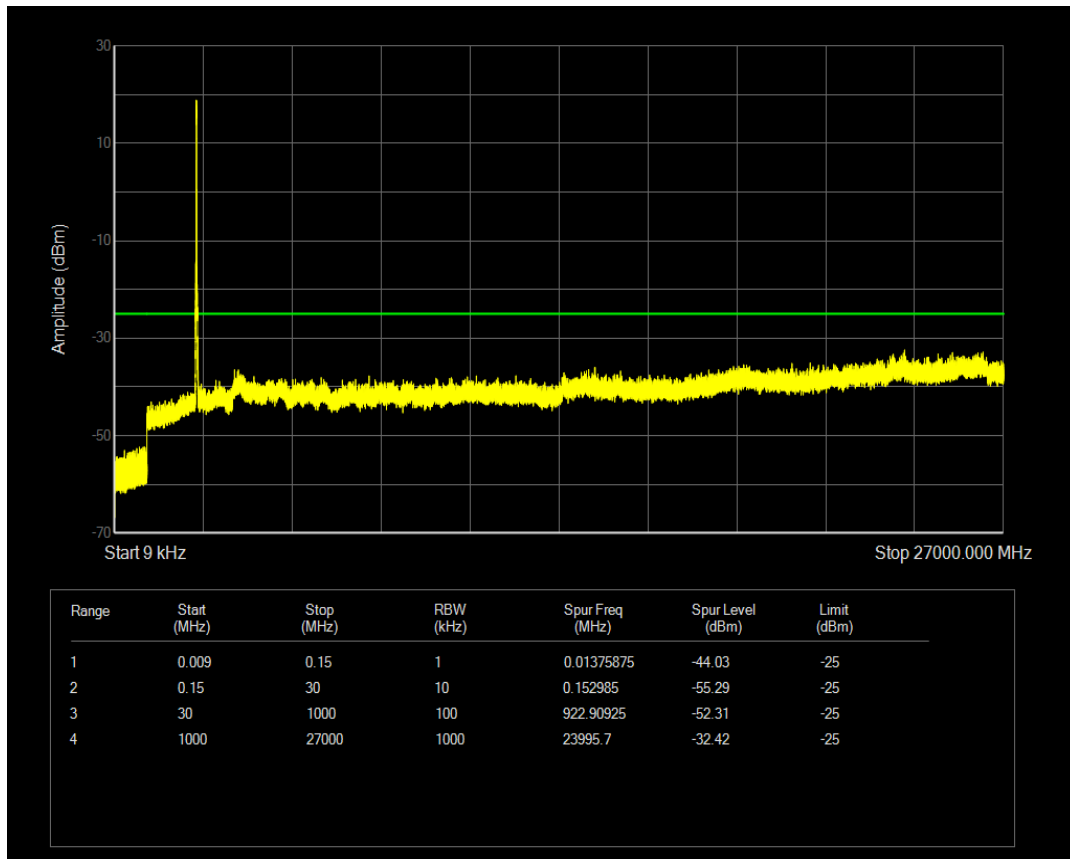
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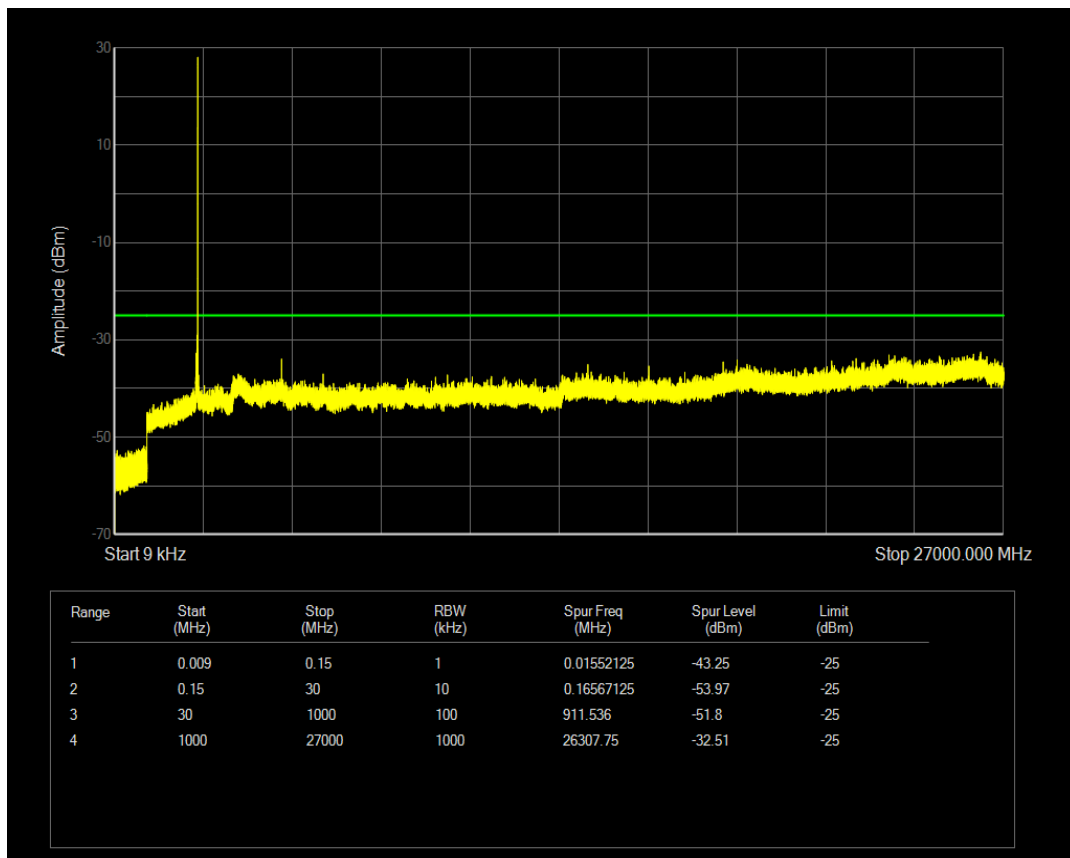
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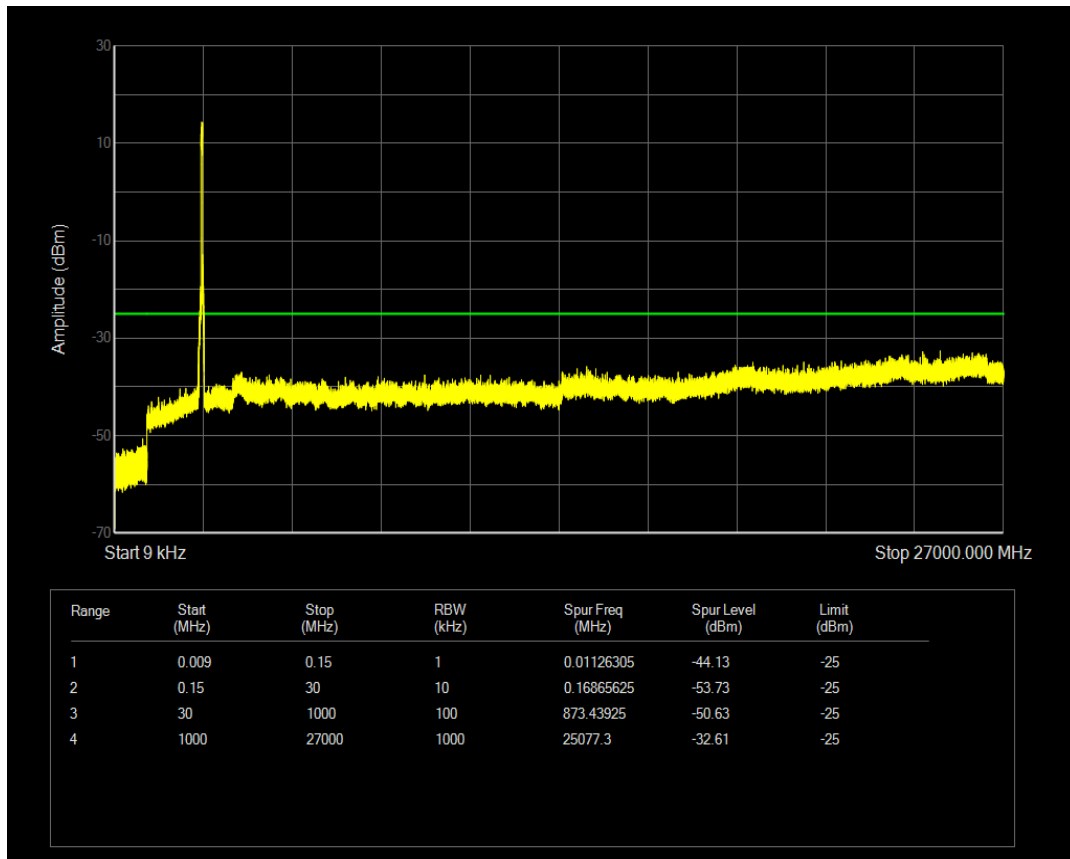
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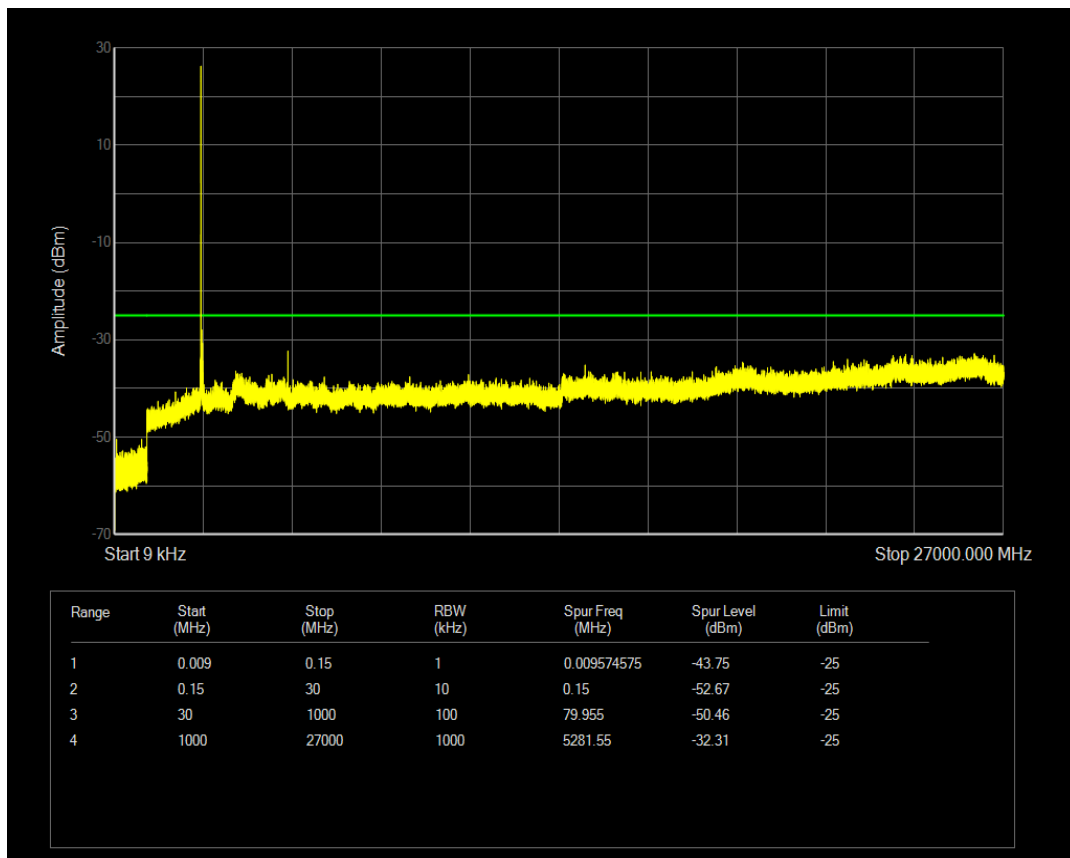
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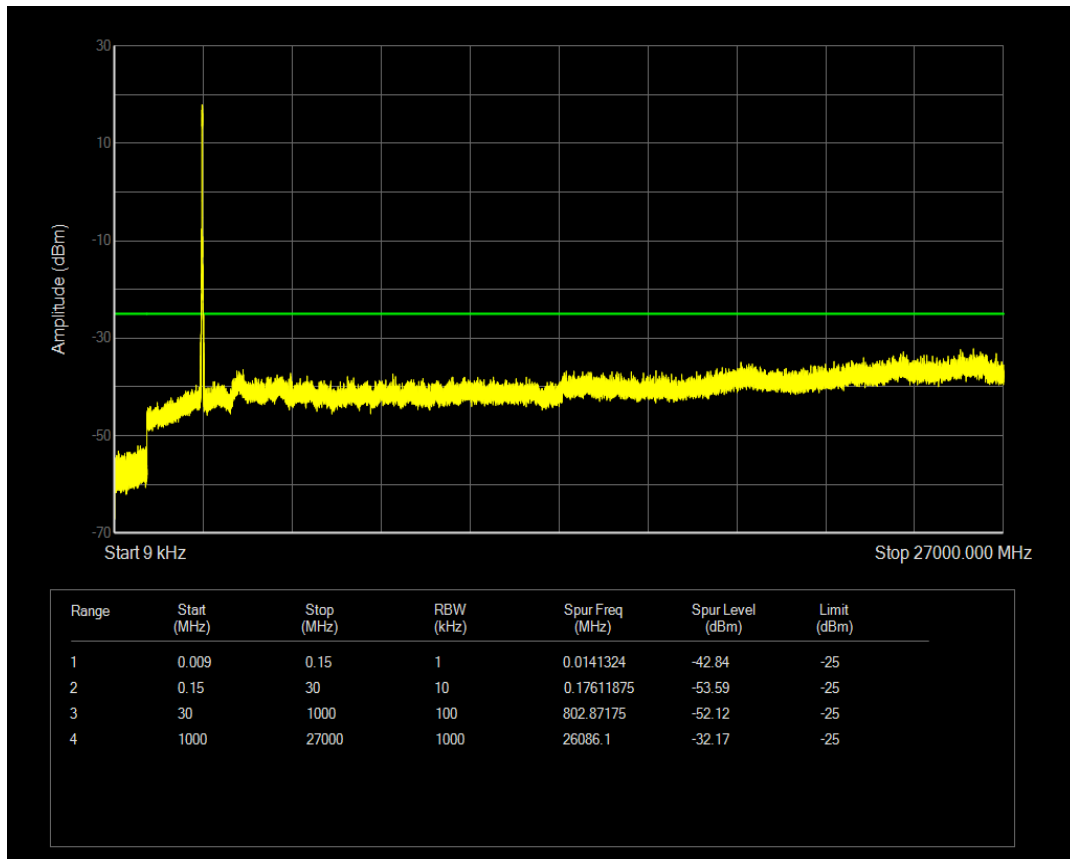
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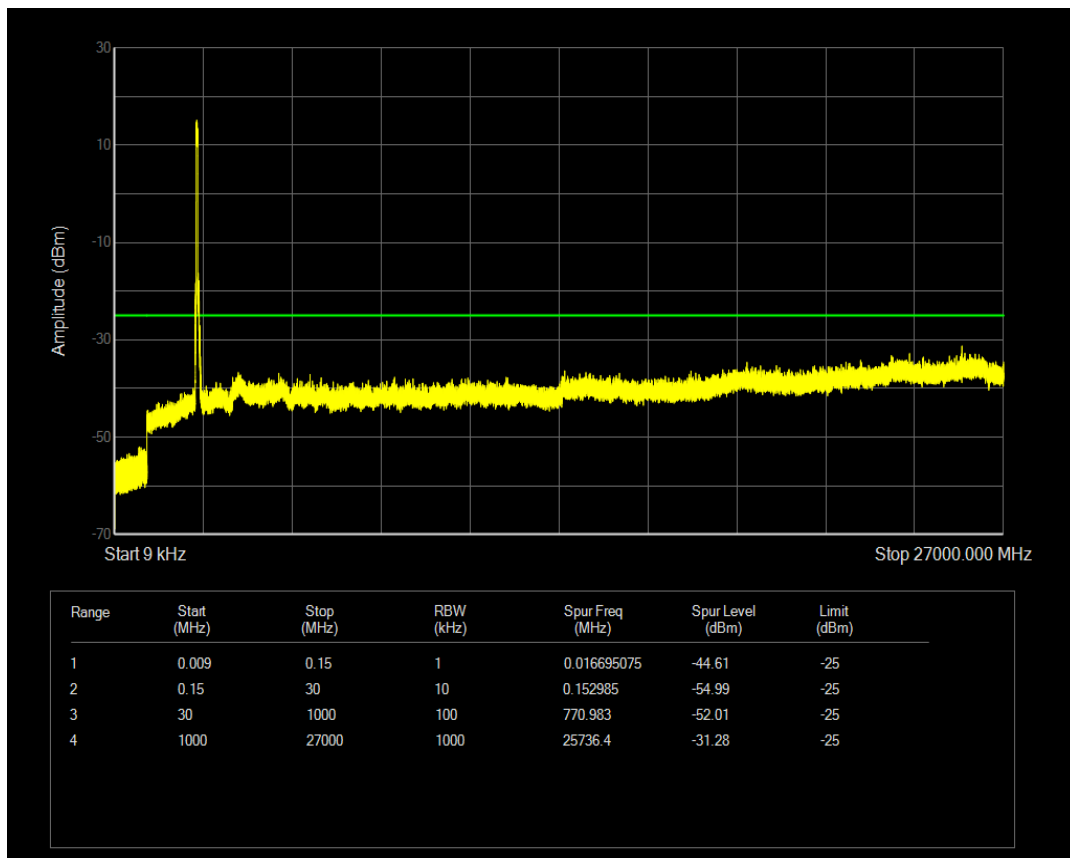
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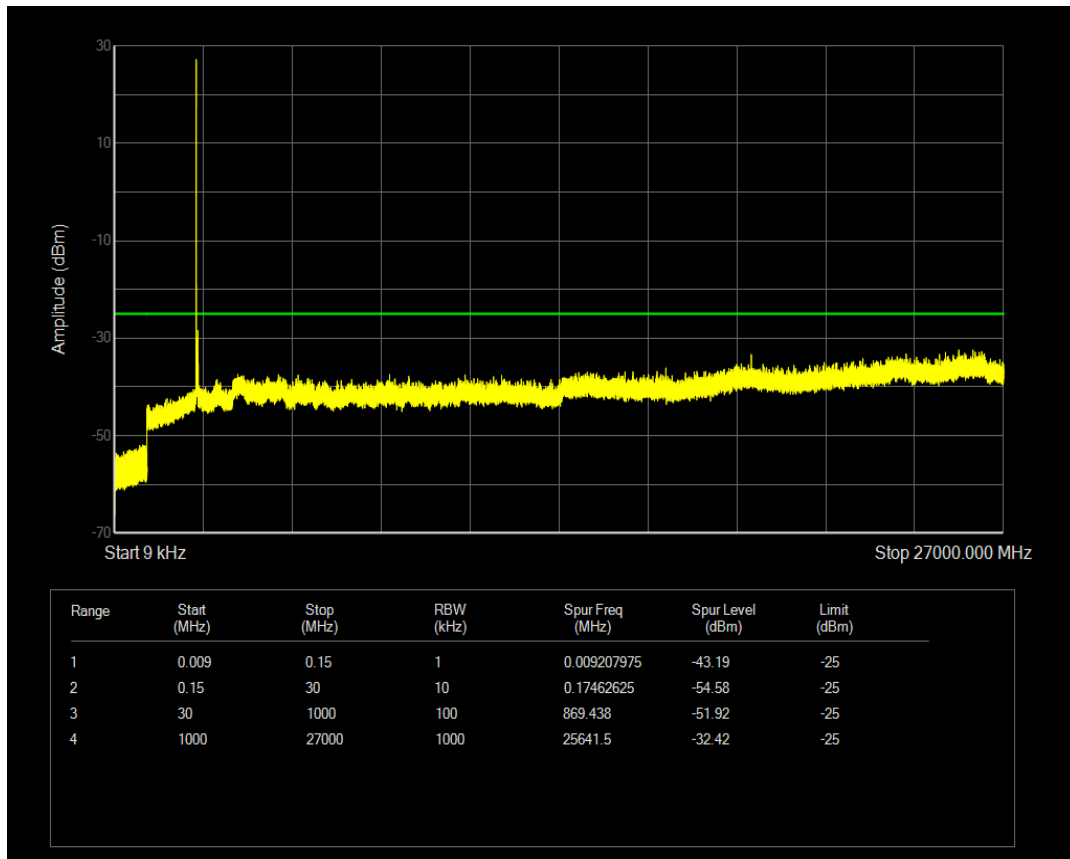
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=133@0



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



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

