

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	18.090	18.330	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.060	18.260	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.010	18.240	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.010	18.160	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.980	18.280	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.620	36.340	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.570	36.380	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.500	36.300	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.510	36.410	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.500	36.460	PASS
n41	30	50	518598	128@0	DFT_BPSK	47.010	46.300	PASS
n41	30	50	518598	128@0	DFT_QPSK	47.000	46.300	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.940	46.360	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.020	46.320	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.070	46.400	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.710	58.570	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.700	58.550	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.640	58.570	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.710	58.500	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.790	58.650	PASS
n41	30	80	518598	216@0	DFT_BPSK	76.850	77.980	PASS
n41	30	80	518598	216@0	DFT_QPSK	76.950	78.060	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.940	78.020	PASS
n41	30	80	518598	216@0	DFT_QAM64	76.950	78.130	PASS
n41	30	80	518598	216@0	DFT_QAM256	76.950	78.050	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.310	86.700	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.320	86.700	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.550	86.770	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.570	86.690	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.570	86.640	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.420	97.480	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.550	97.390	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.540	97.410	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.580	97.540	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.690	97.450	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=40MHz Channel=518598 RB=100@0



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



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



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



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



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



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



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



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



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



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



Meas Cell

NR1

Meas Mode

Basic

Meas Select

Meas Channel

PUSCH

Average Count

2

Continuous

Off

Restart

UL RMC Quick Config

DFT-s-OFDM-QPSK

UL RB Allocation Type

Contiguous

UL RB Allocation

Custom

Start/Count

0 240

UL MCS/Type

2 - QPSK

MCS Table

64 QAM

UL Waveform

DFT-s-OFDM

PI/2 BPSK

OFF

Additional Spectrum Emission

ON

NS_01

P-Max

23

p-NR-FR1

OFF

p-UE-FR1

OFF

MAC Padding

DL On

UL On

Test Case Params

Local

Ready

BSE.CONNECT

Copy

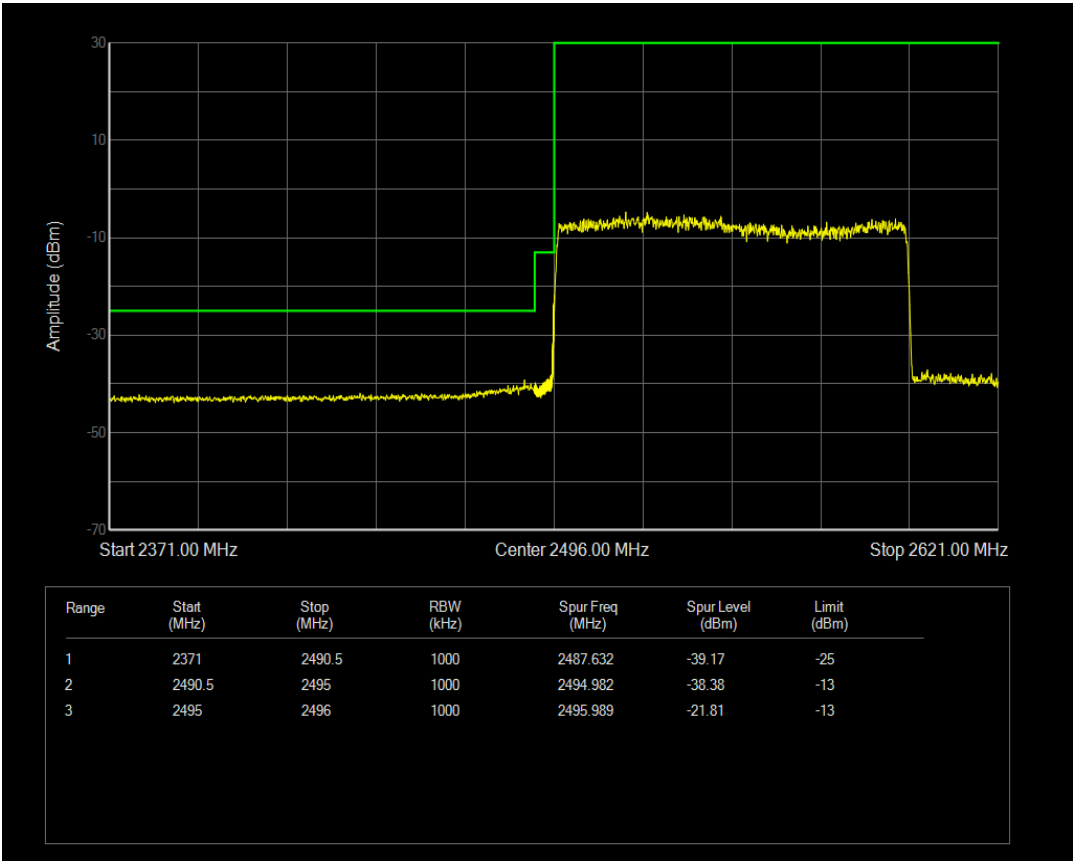
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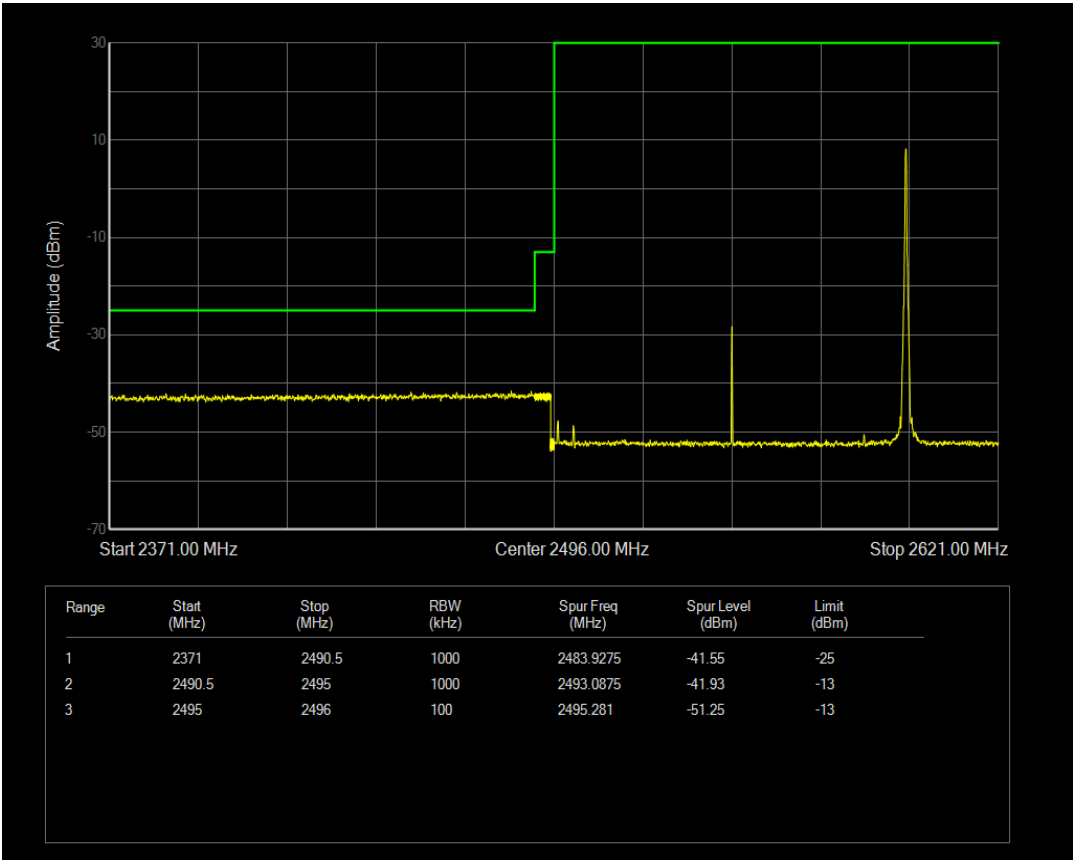
5 Band edge for NR FR1

<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	2489.43	-34.77	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2487.89	-41.48	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2485.86	-41.27	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2711.36	-40.06	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2713.41	-41.59	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2712.05	-41.86	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2489.70	-38.03	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2479.44	-41.67	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2475.11	-41.82	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2749.85	-41.88	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	2741.89	-41.99	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2747.71	-41.87	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2495.99	-21.81	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2452.98	-41.82	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2483.93	-41.55	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2690.03	-25.39	-10	PASS
n41	30	100	528000	1@0	CP_QPSK	2804.98	-41.75	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2791.75	-41.99	-25	PASS

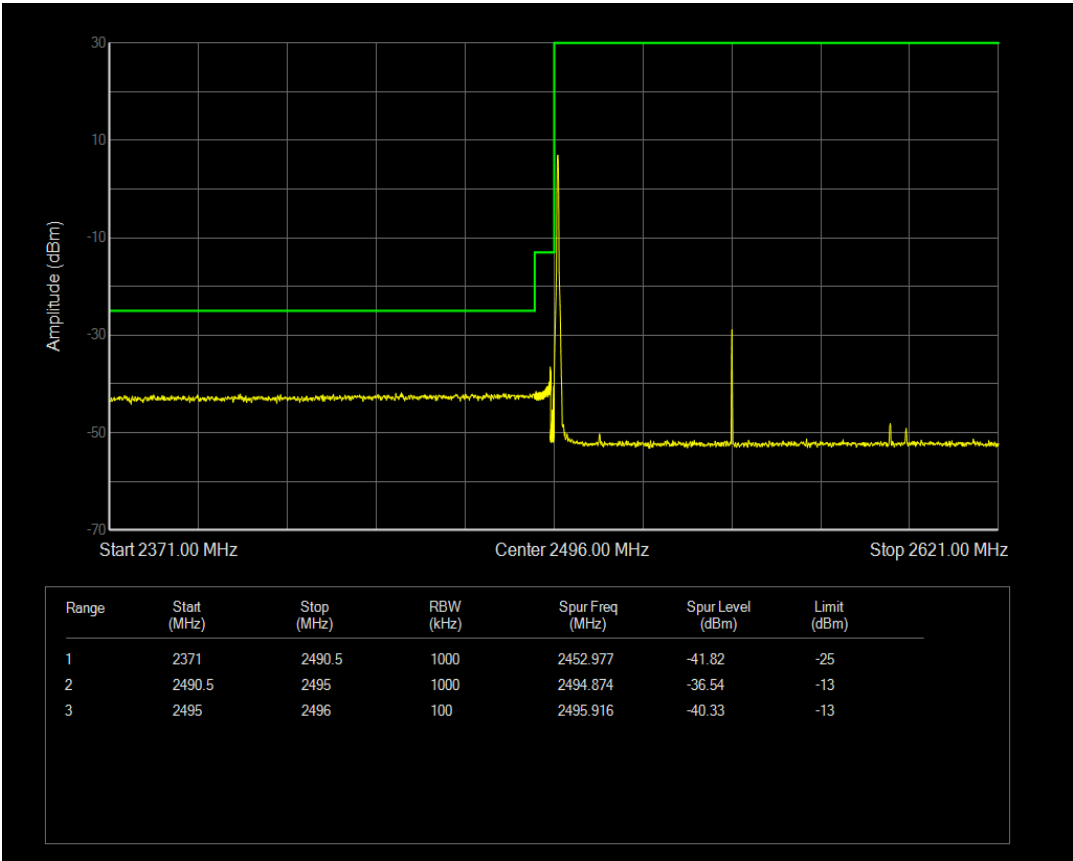
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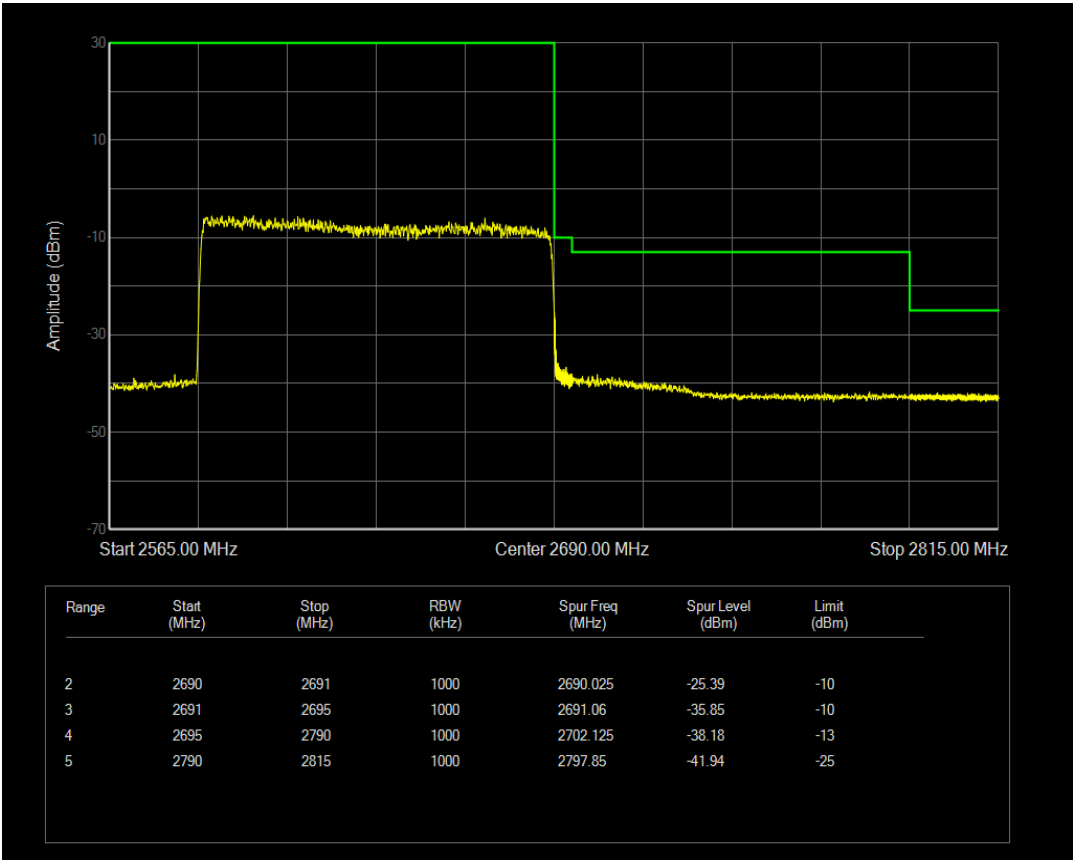
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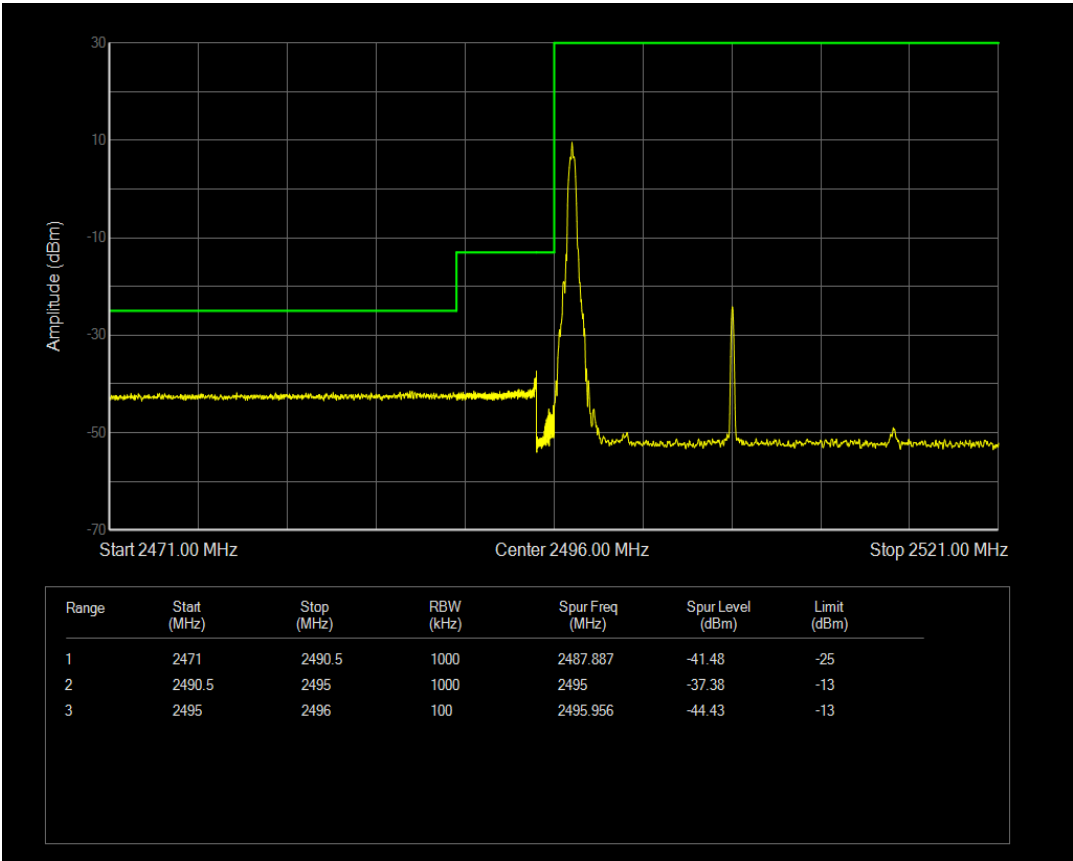
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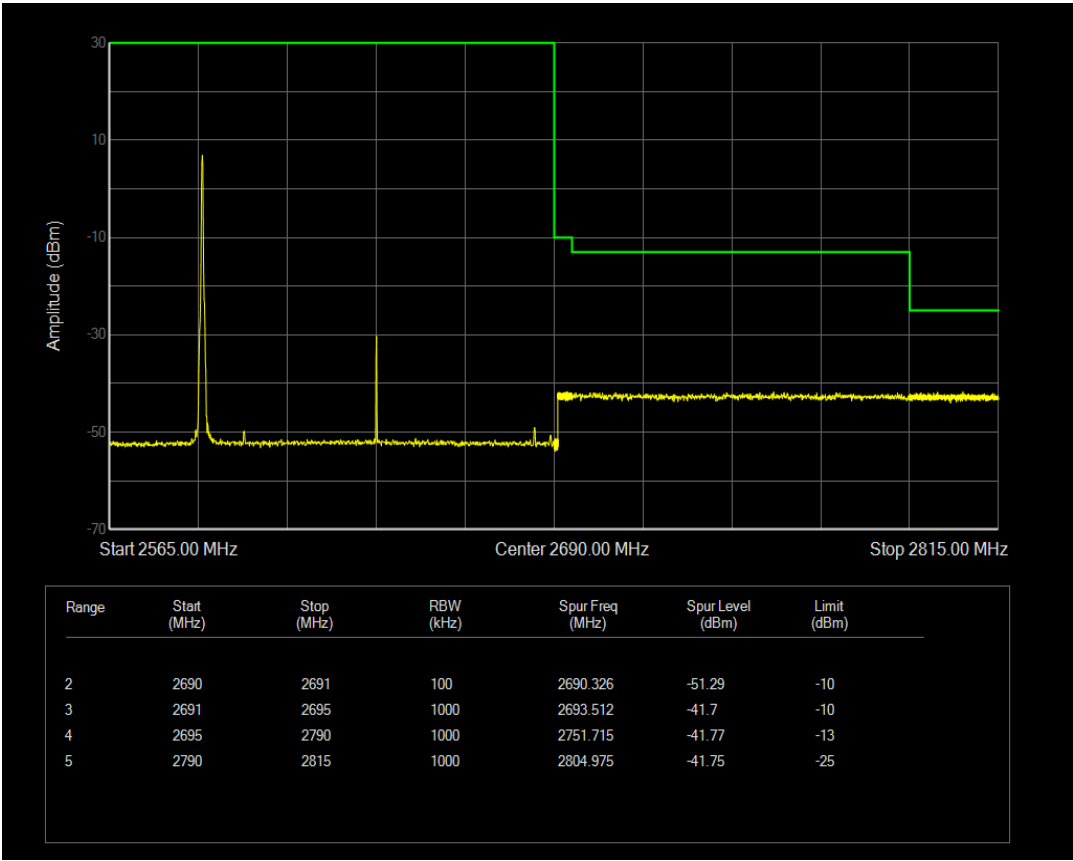
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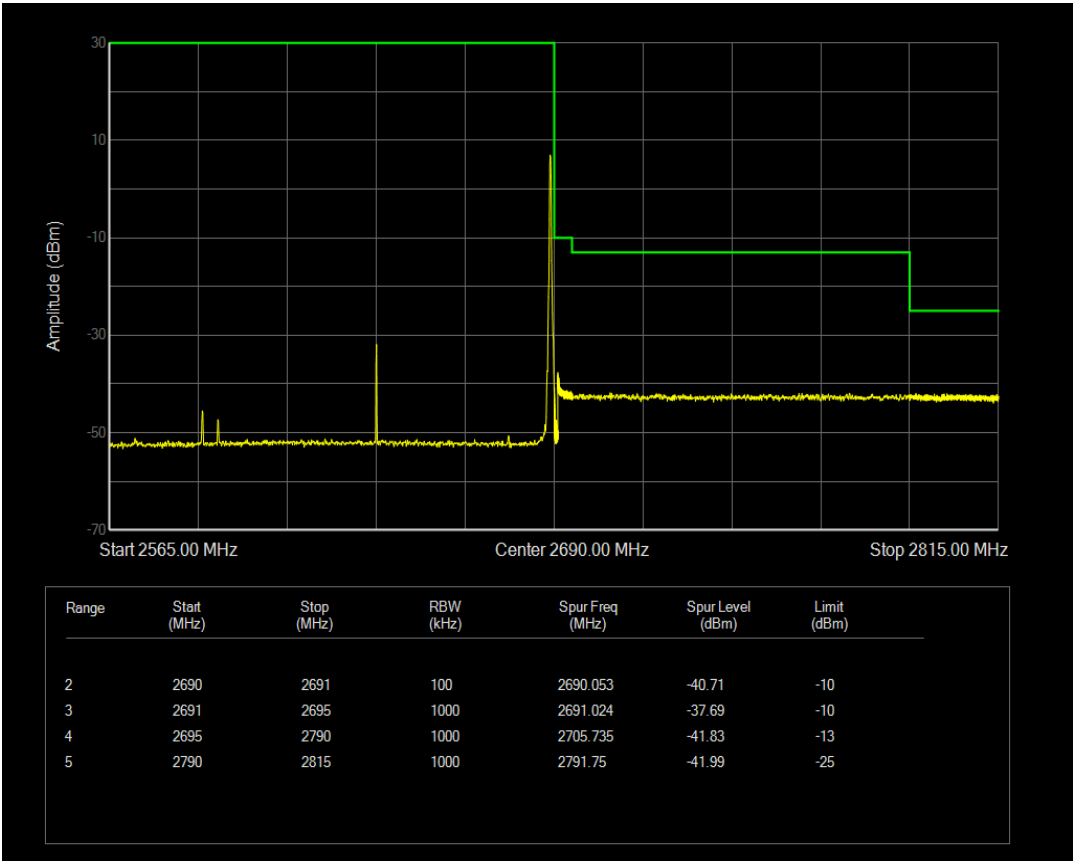
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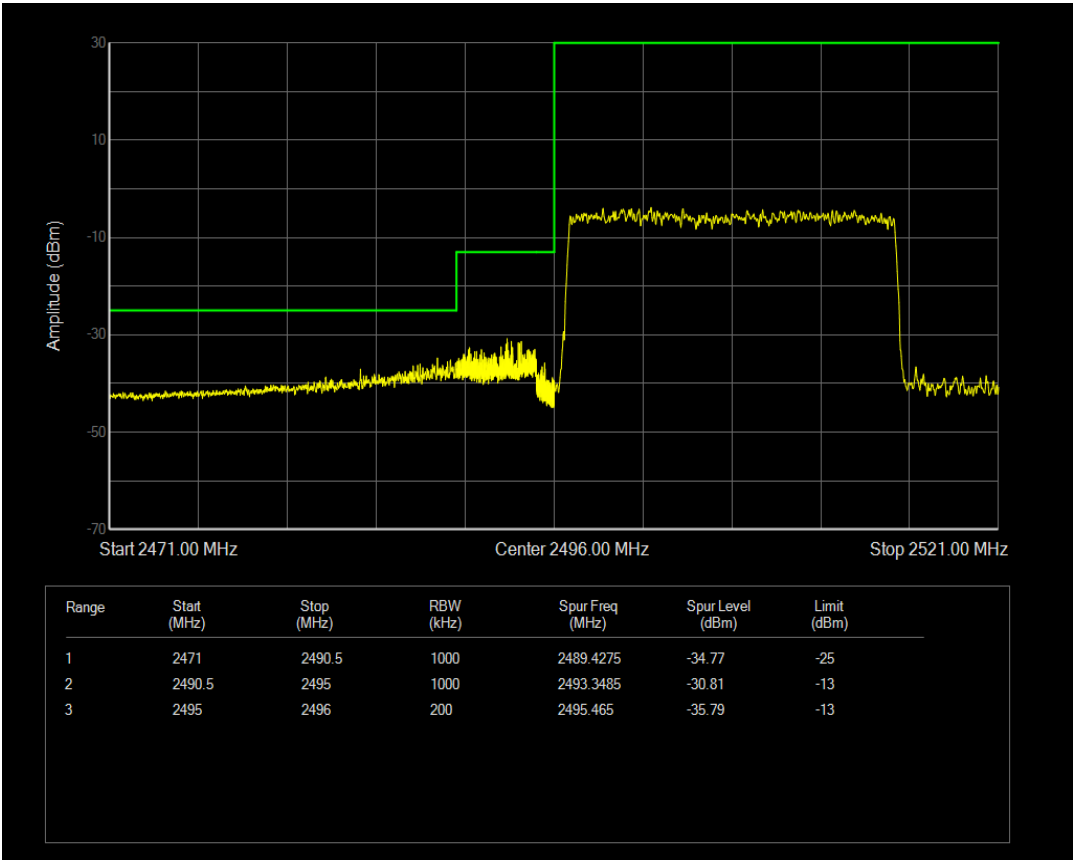
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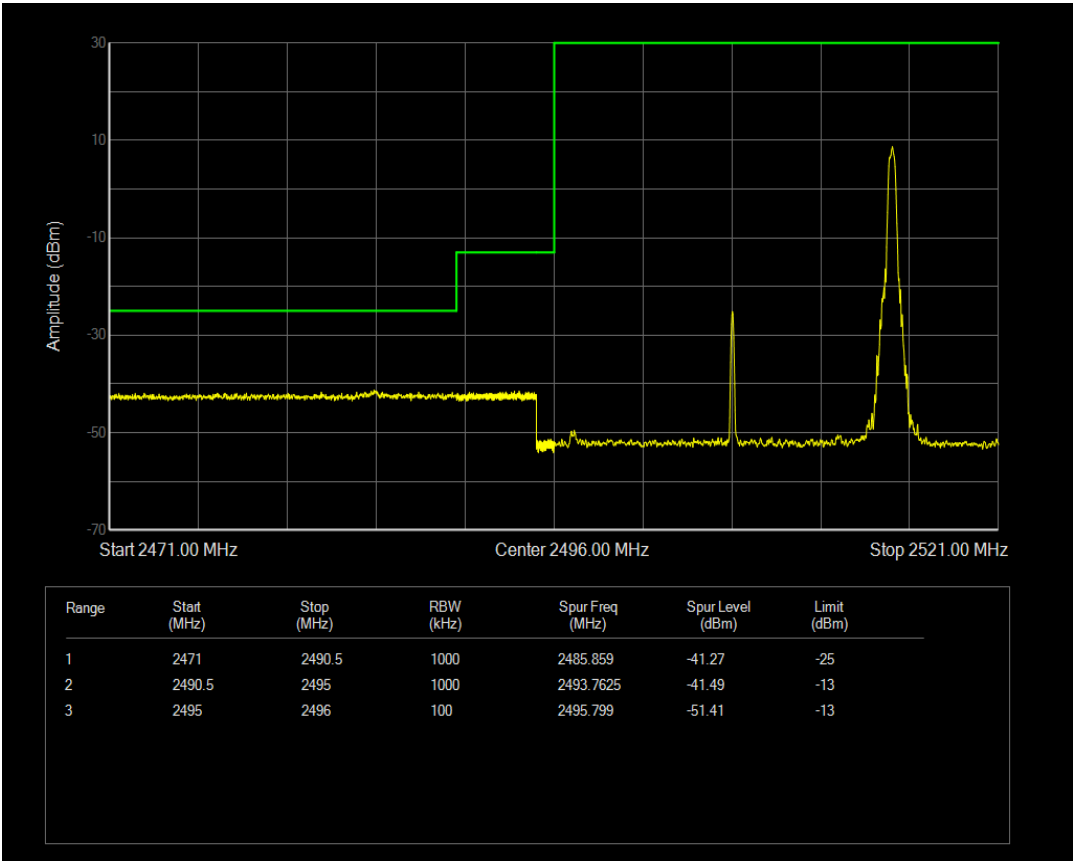
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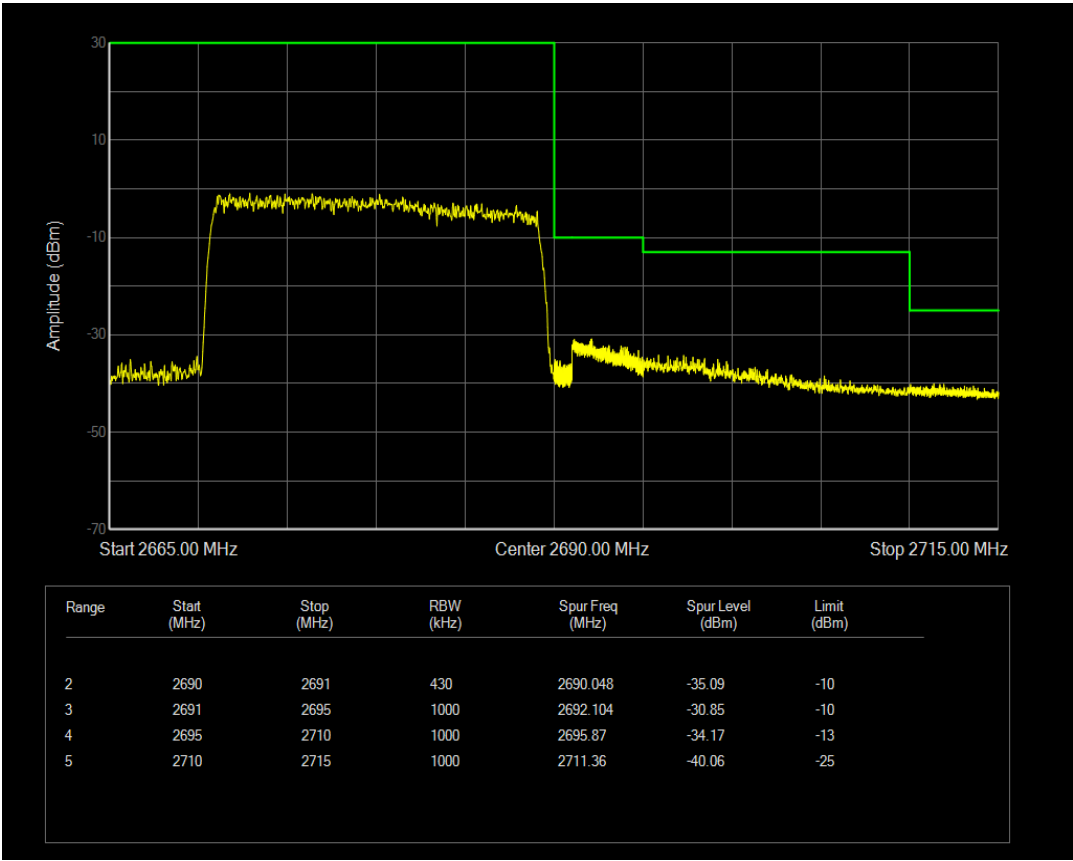
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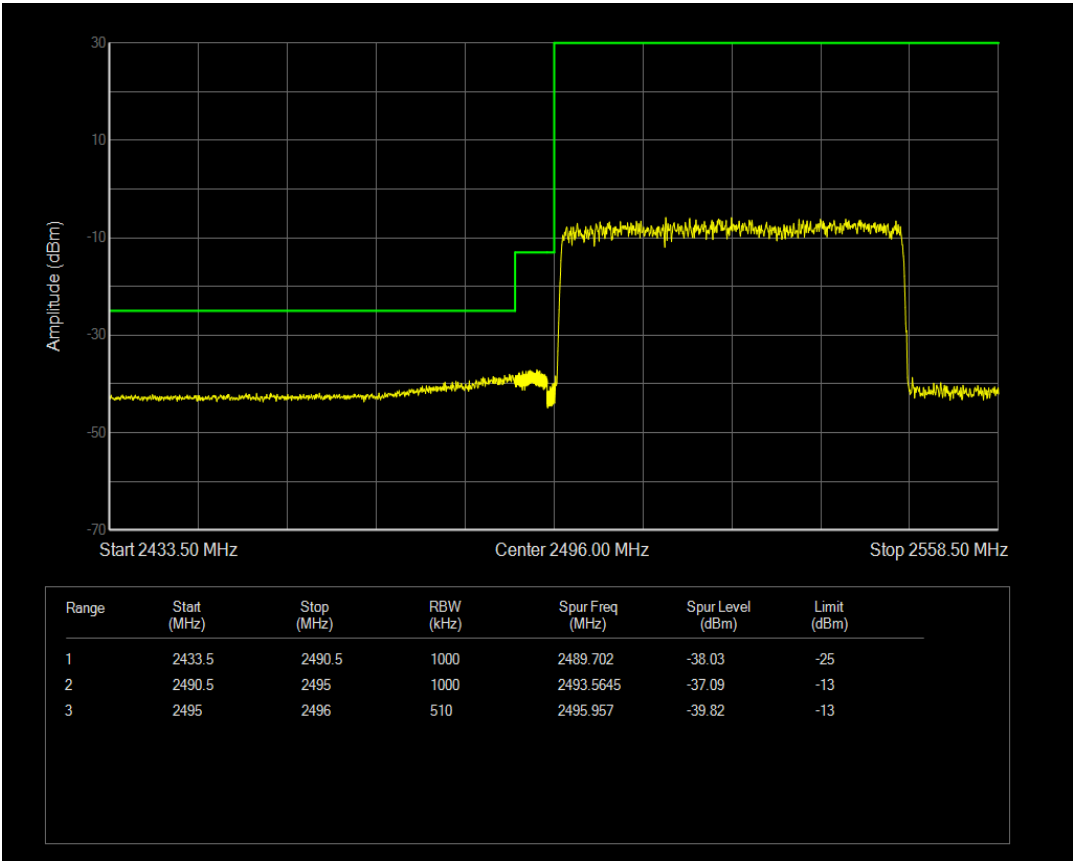
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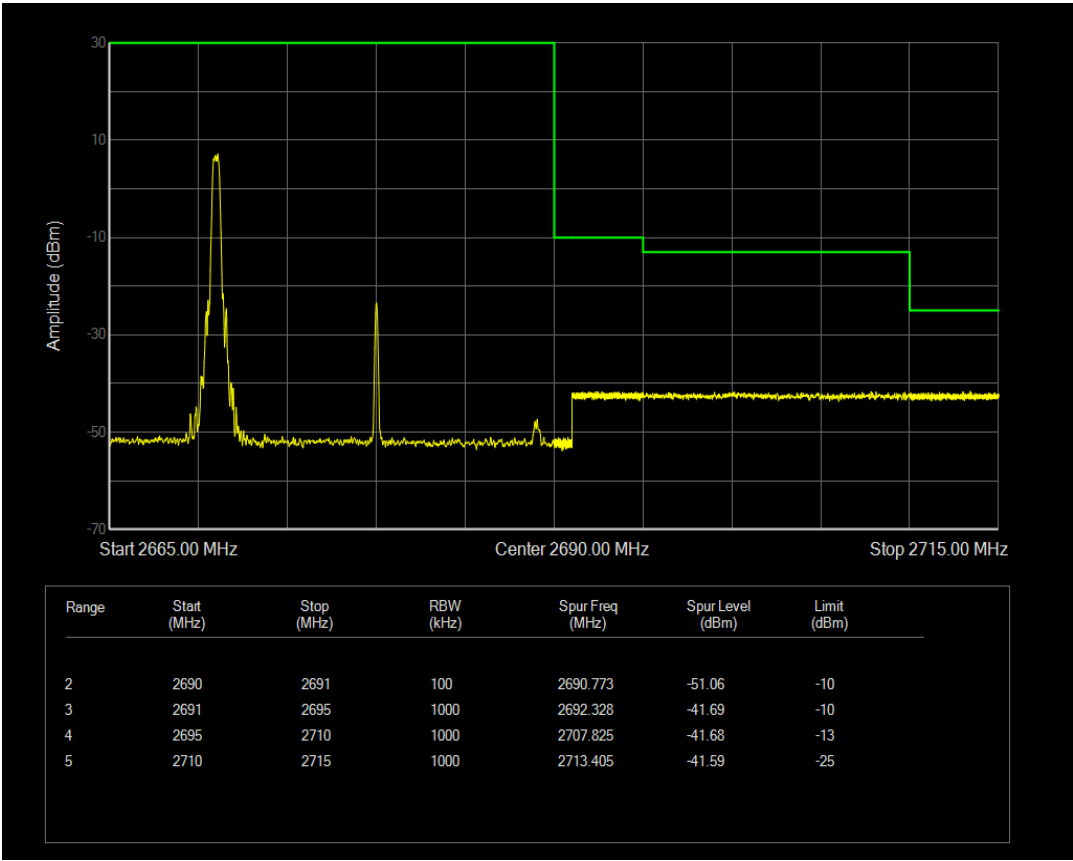
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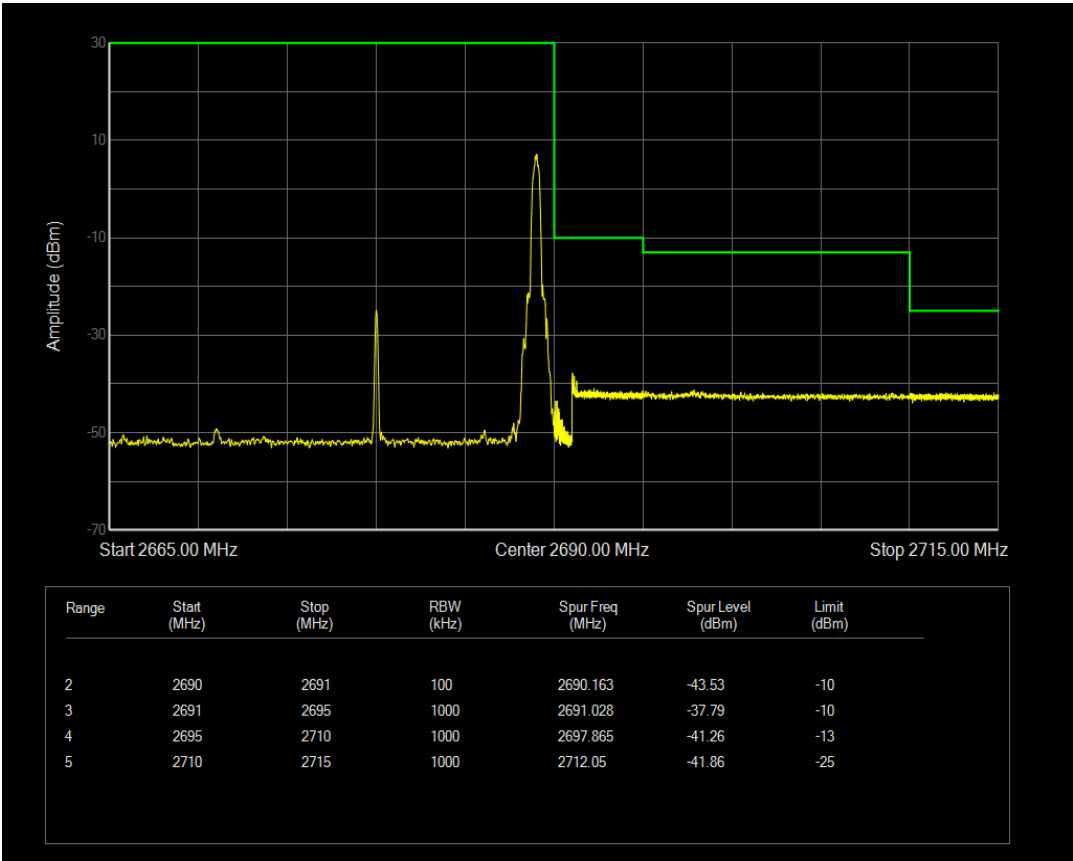
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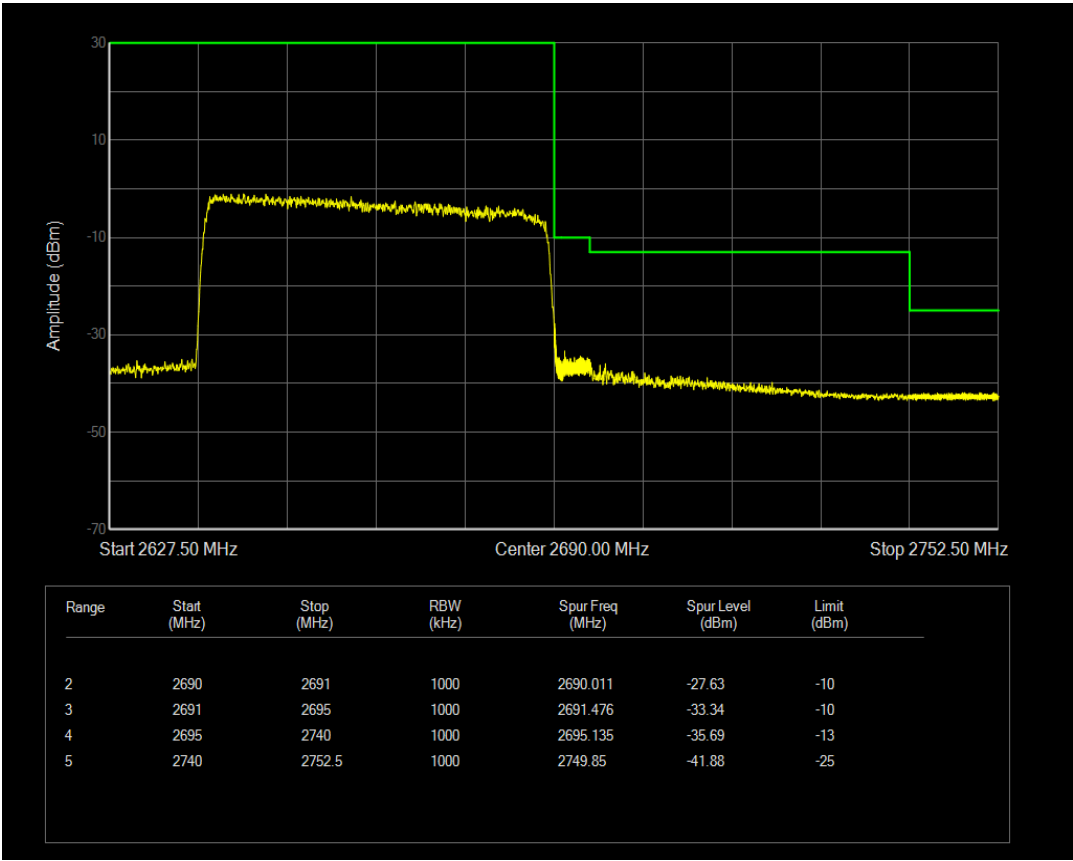
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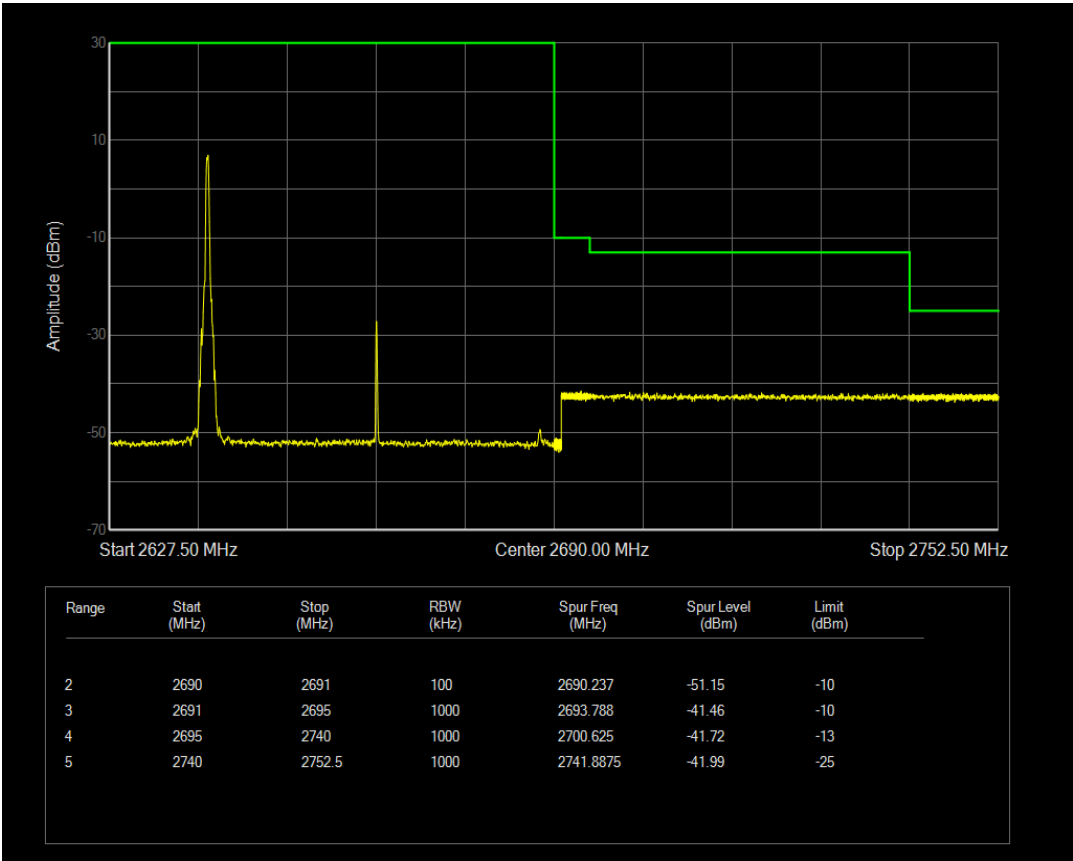
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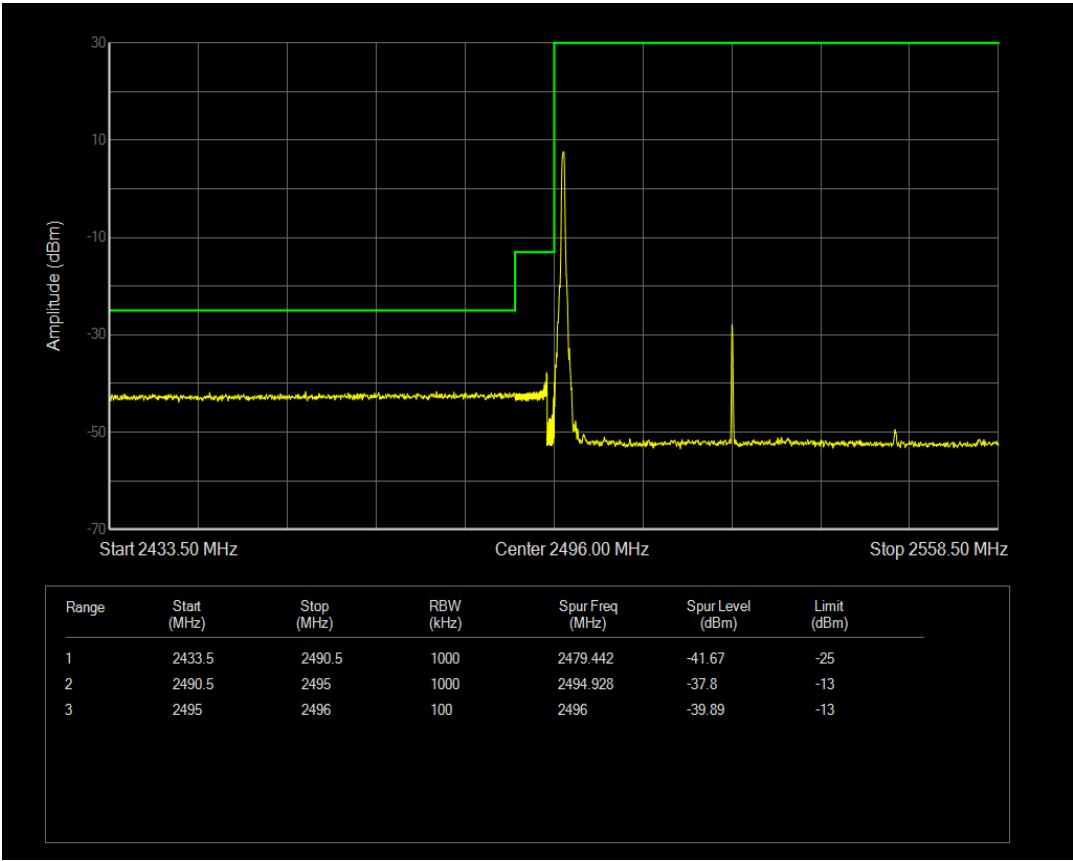
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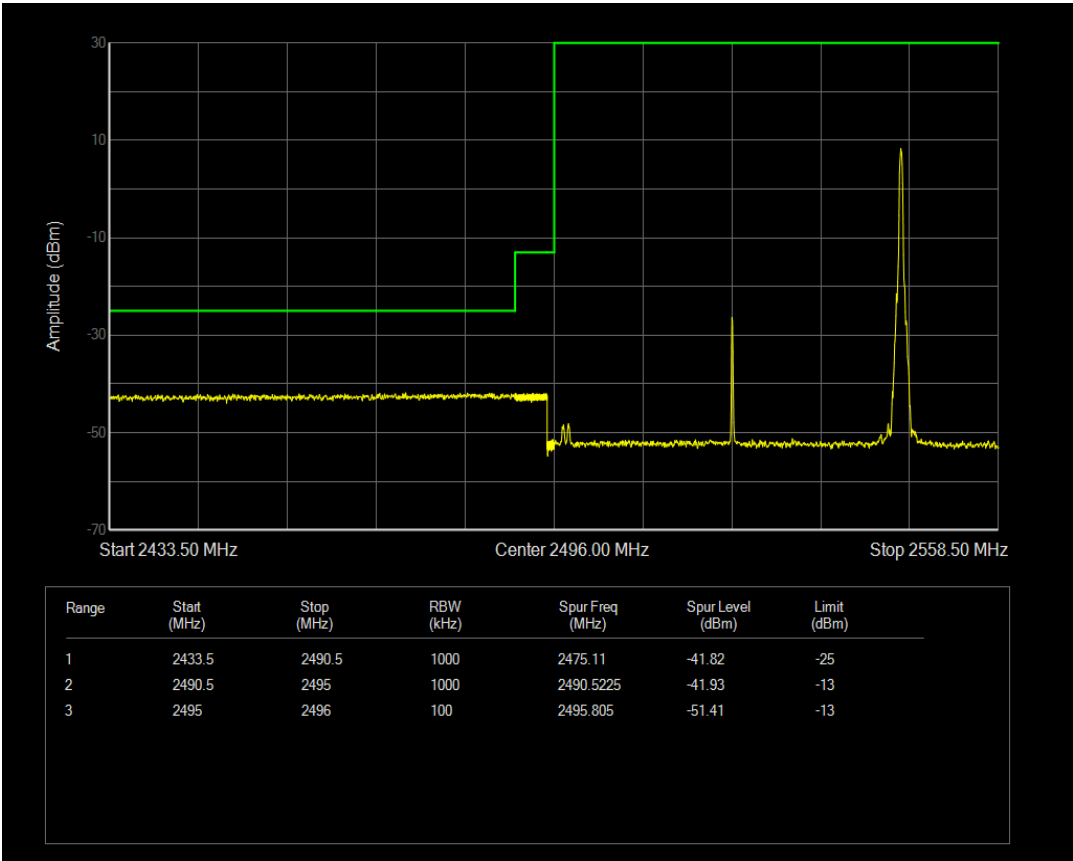
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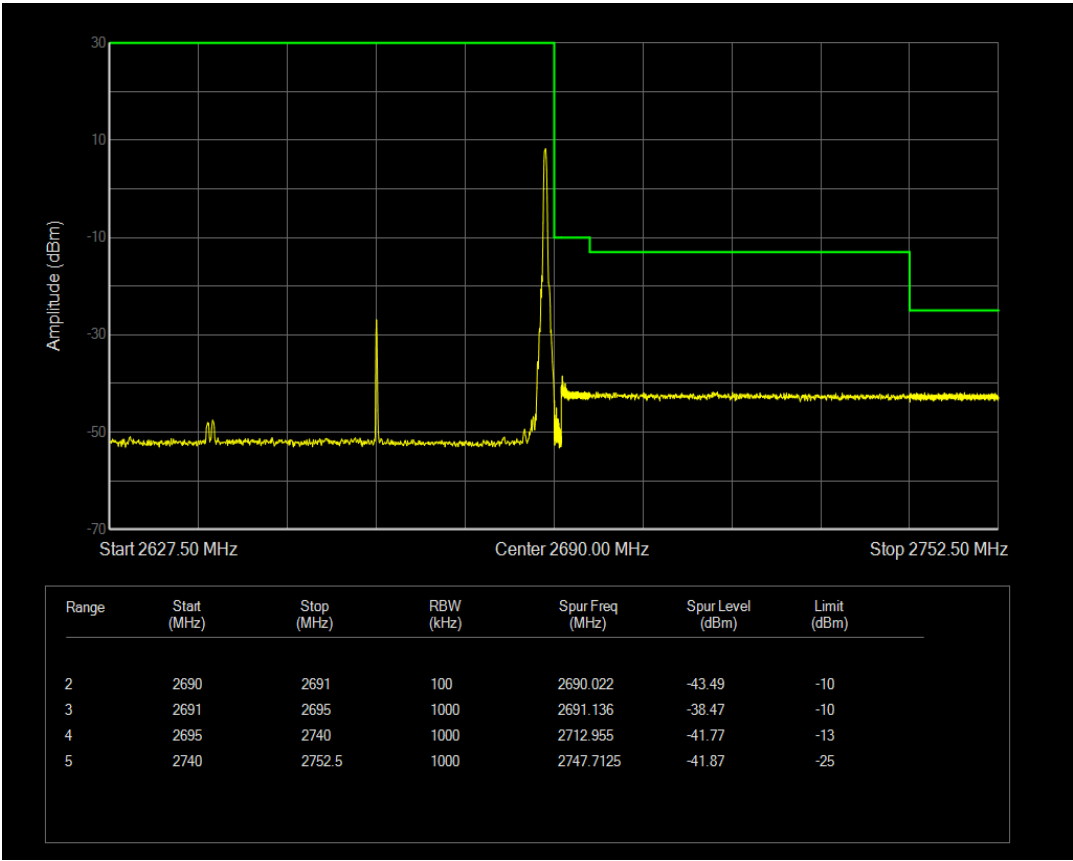
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=1@132



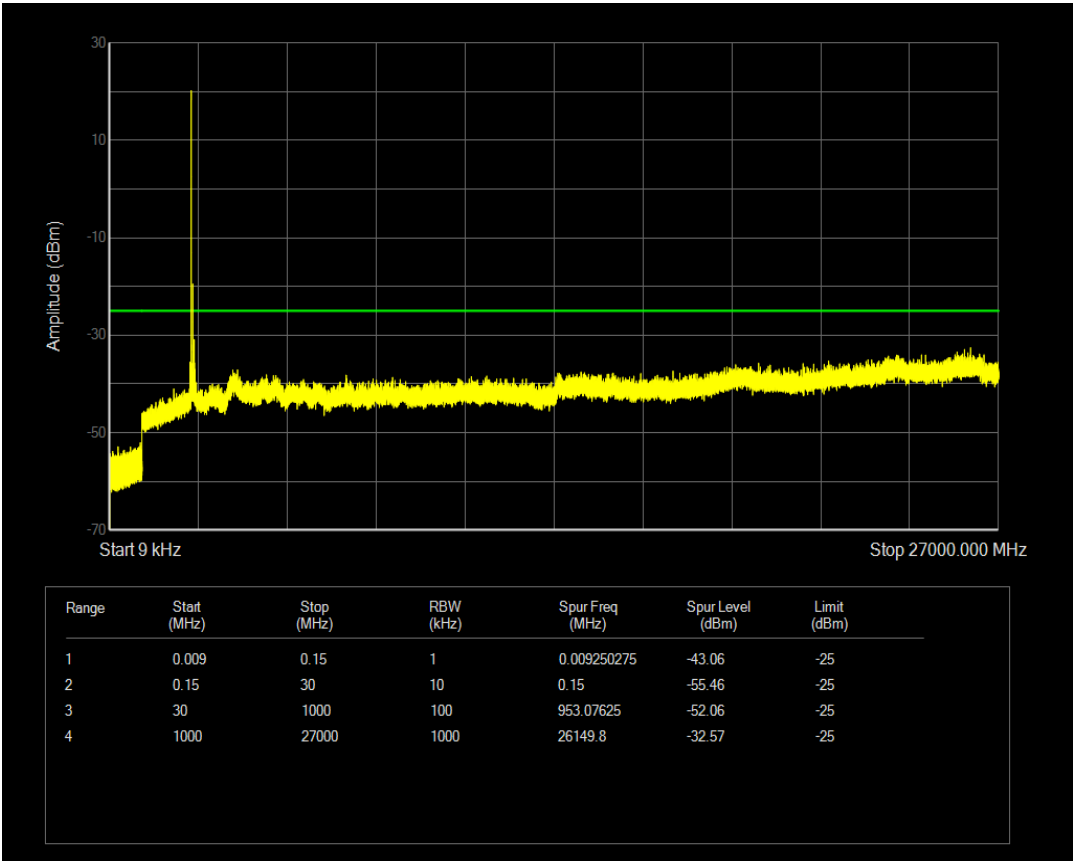
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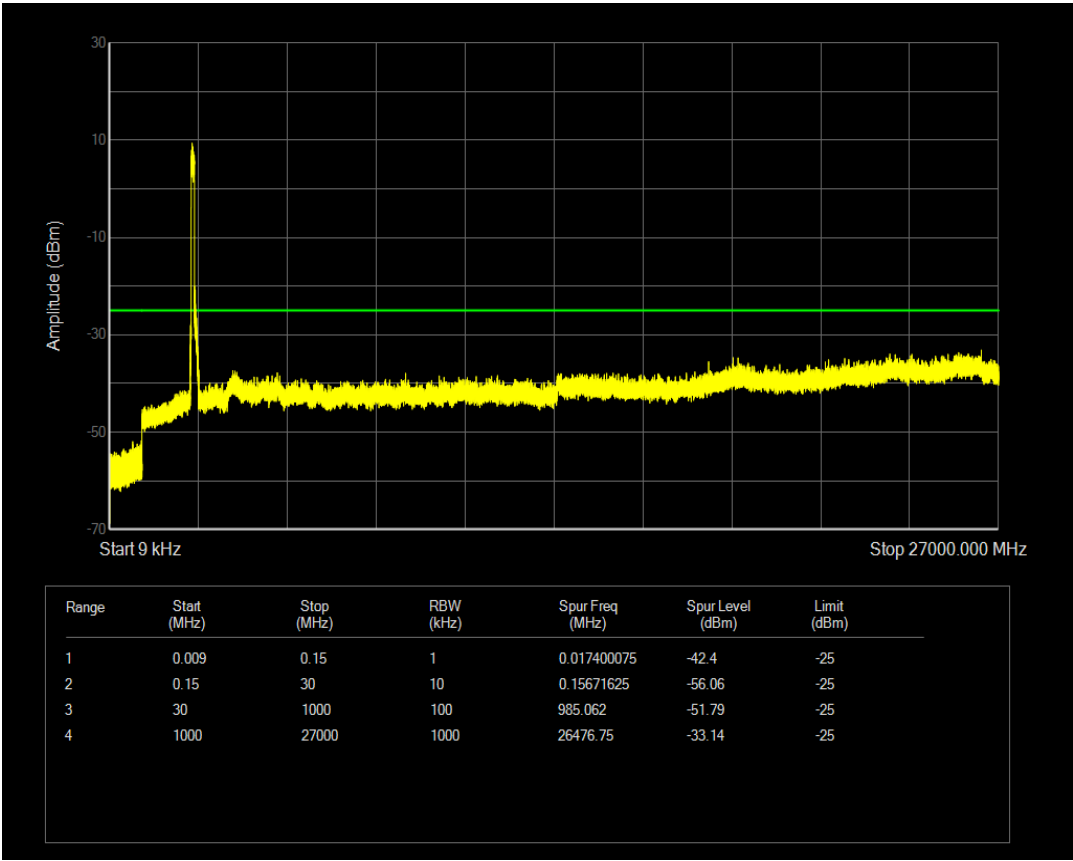
6 Out-of-band emissions for NR FR1

<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	26364.95	-32.72	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	23879.35	-33.22	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	25378.25	-33.01	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	26028.25	-32.88	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	26359.75	-33.24	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	5377.75	-30.58	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	23876.75	-33.48	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	25885.25	-32.64	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	25744.20	-32.68	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	25700.00	-33.05	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	5282.20	-32.89	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	5377.75	-32.59	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	26476.75	-33.14	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	26149.80	-32.57	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	25839.75	-32.68	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	25904.10	-33.22	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	25856.65	-33.36	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	25955.45	-33.14	-25	PASS

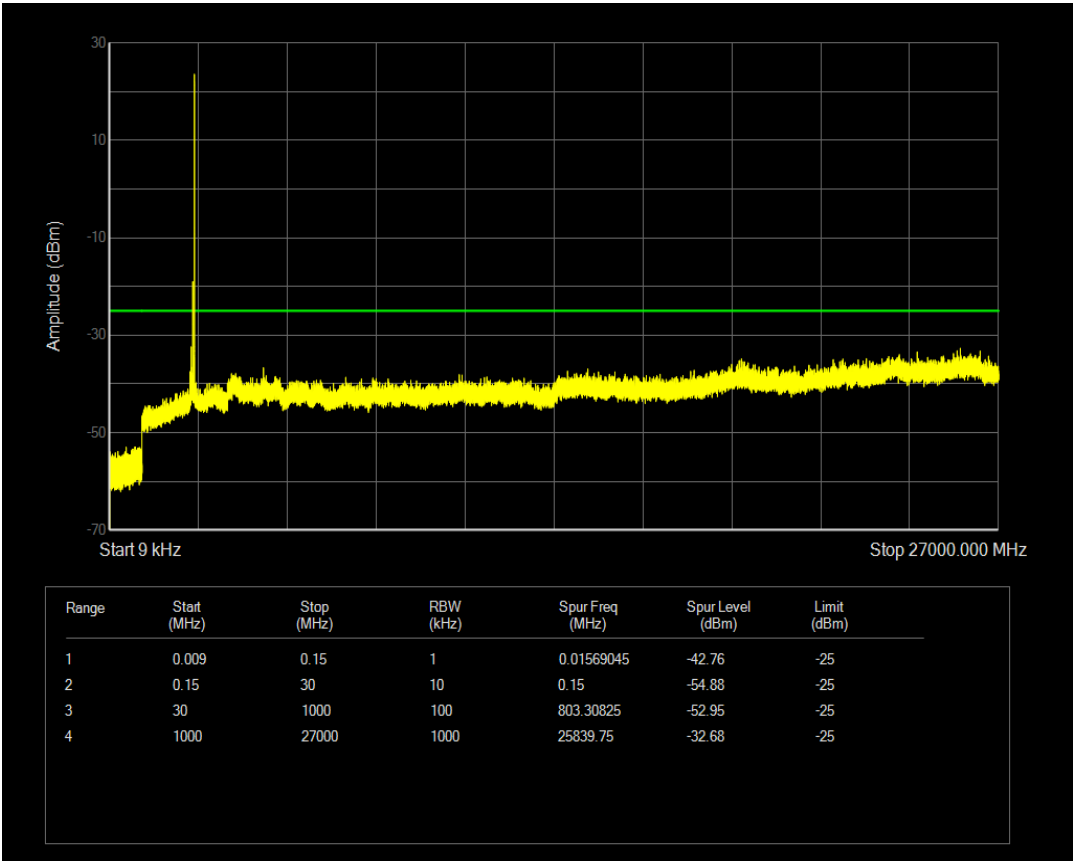
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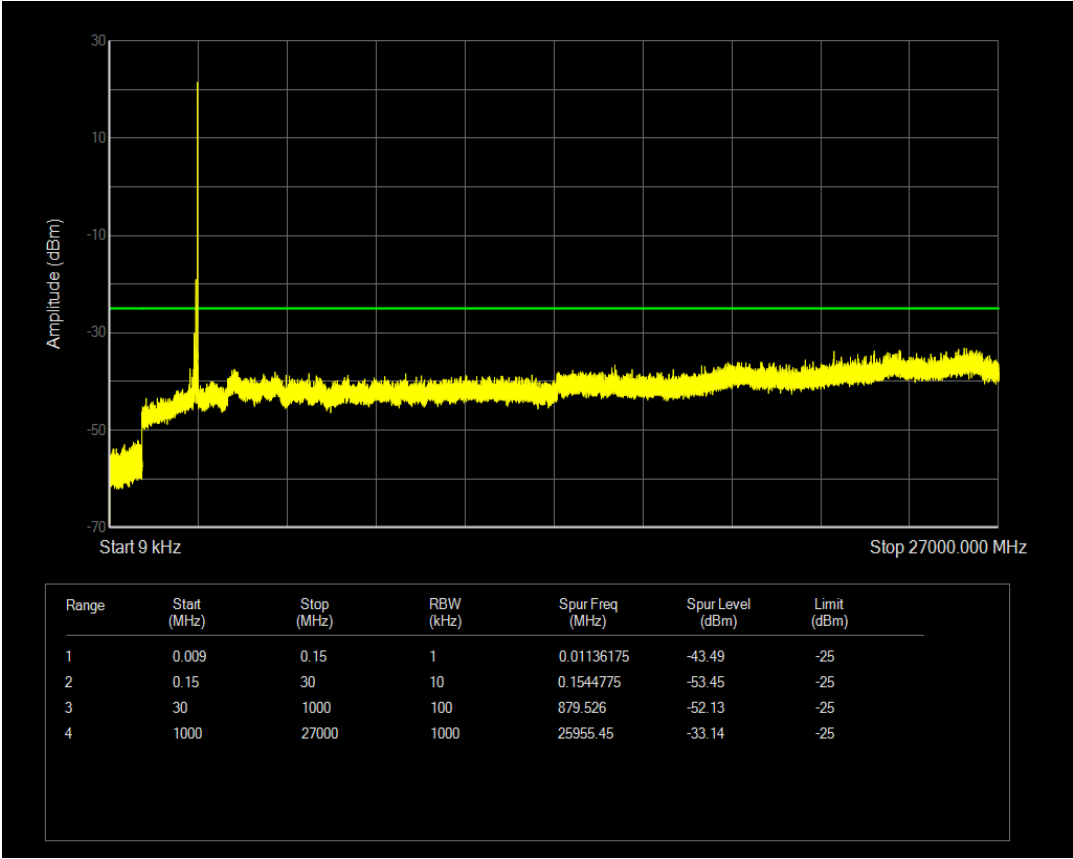
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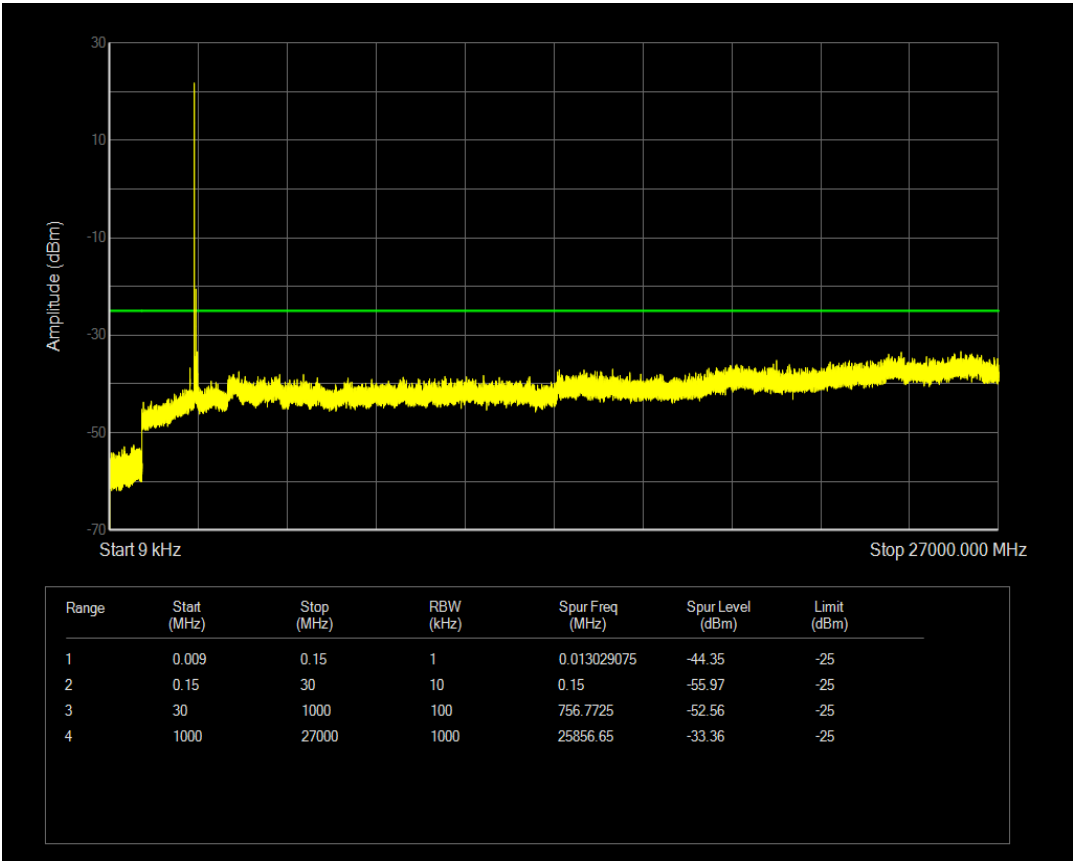
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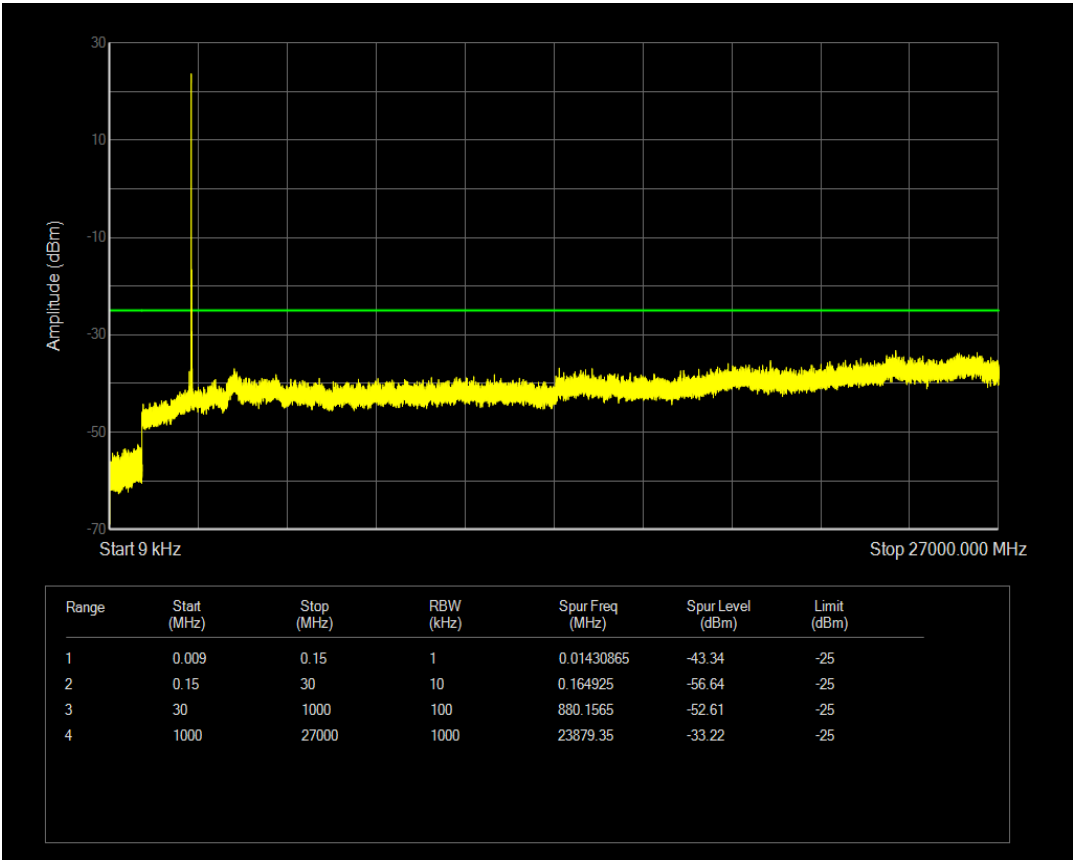
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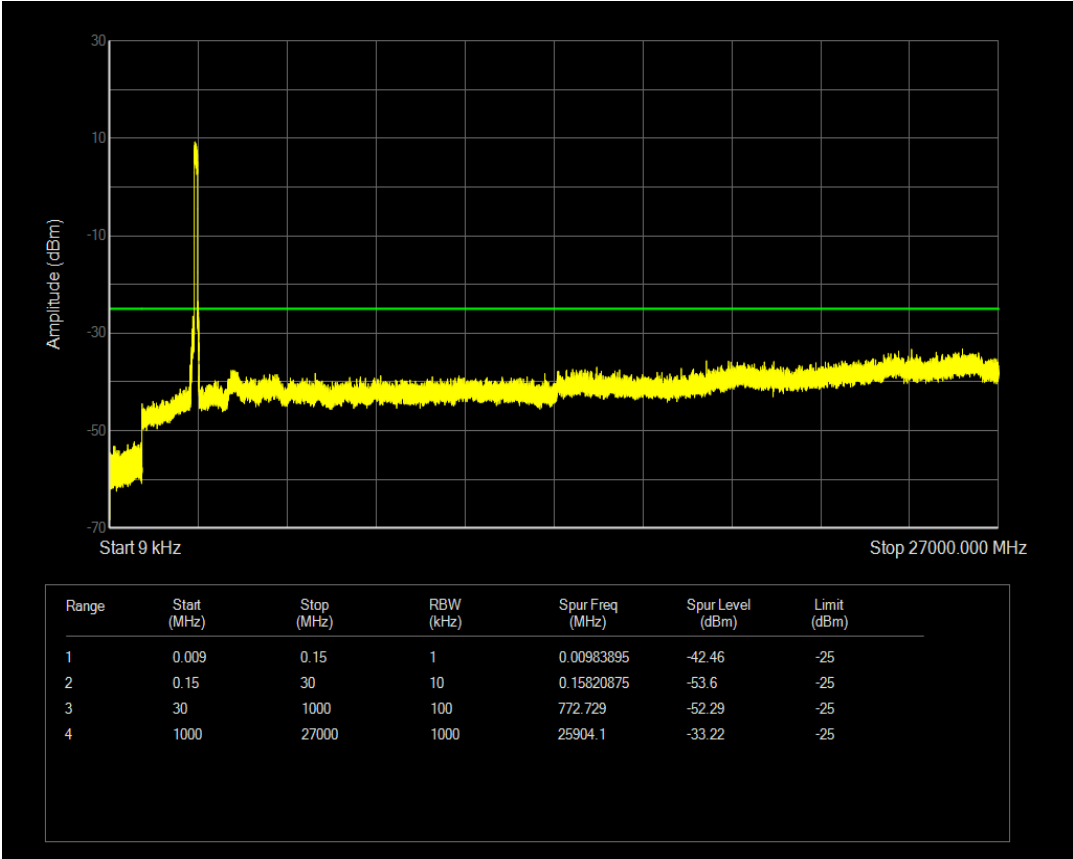
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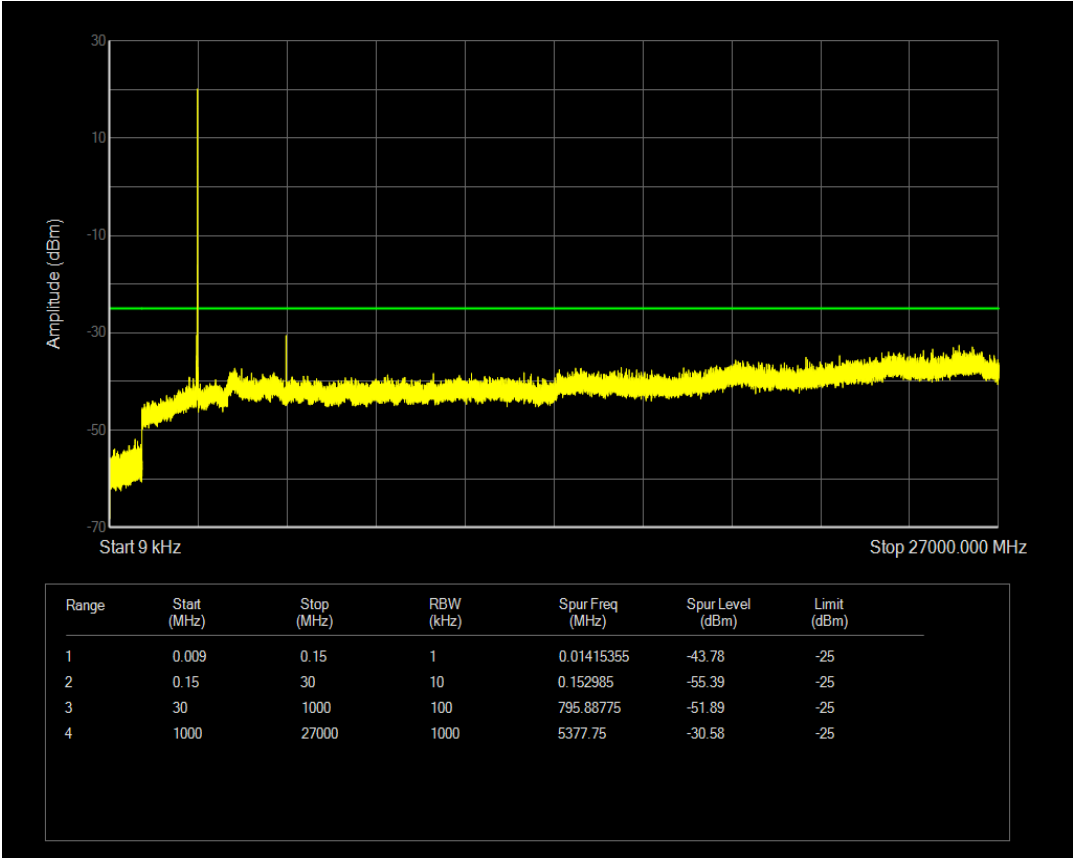
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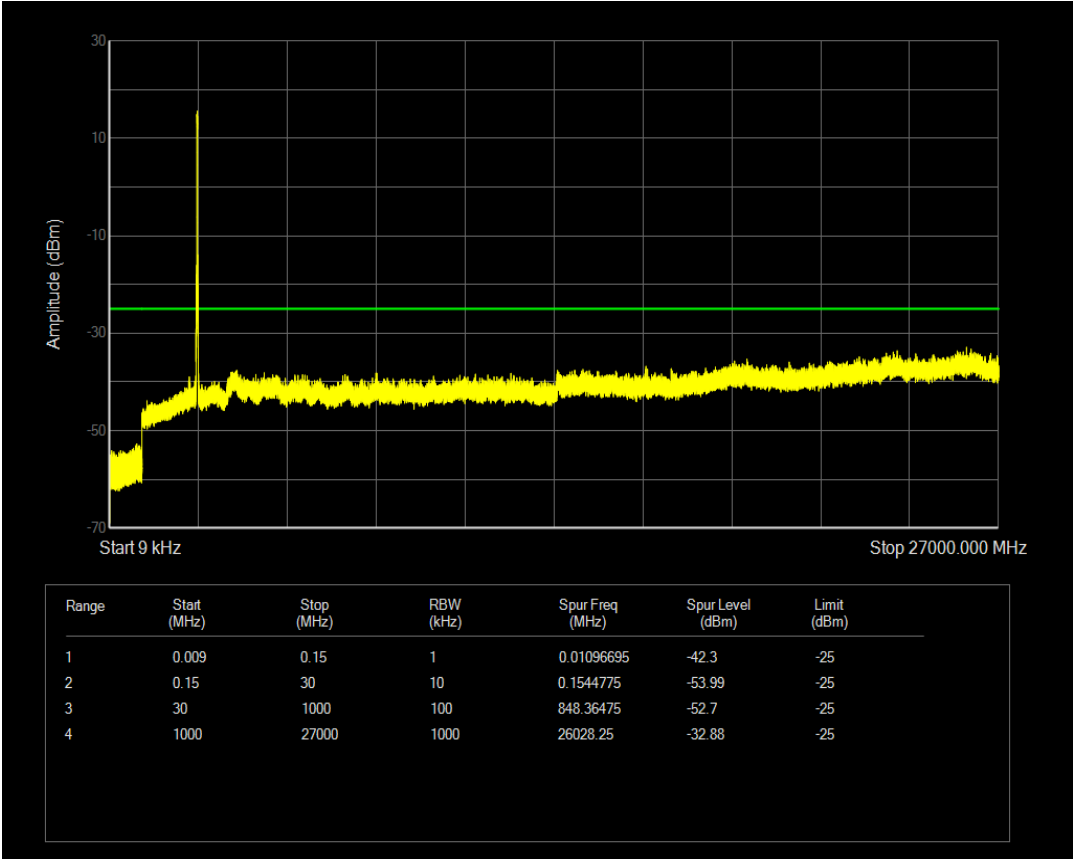
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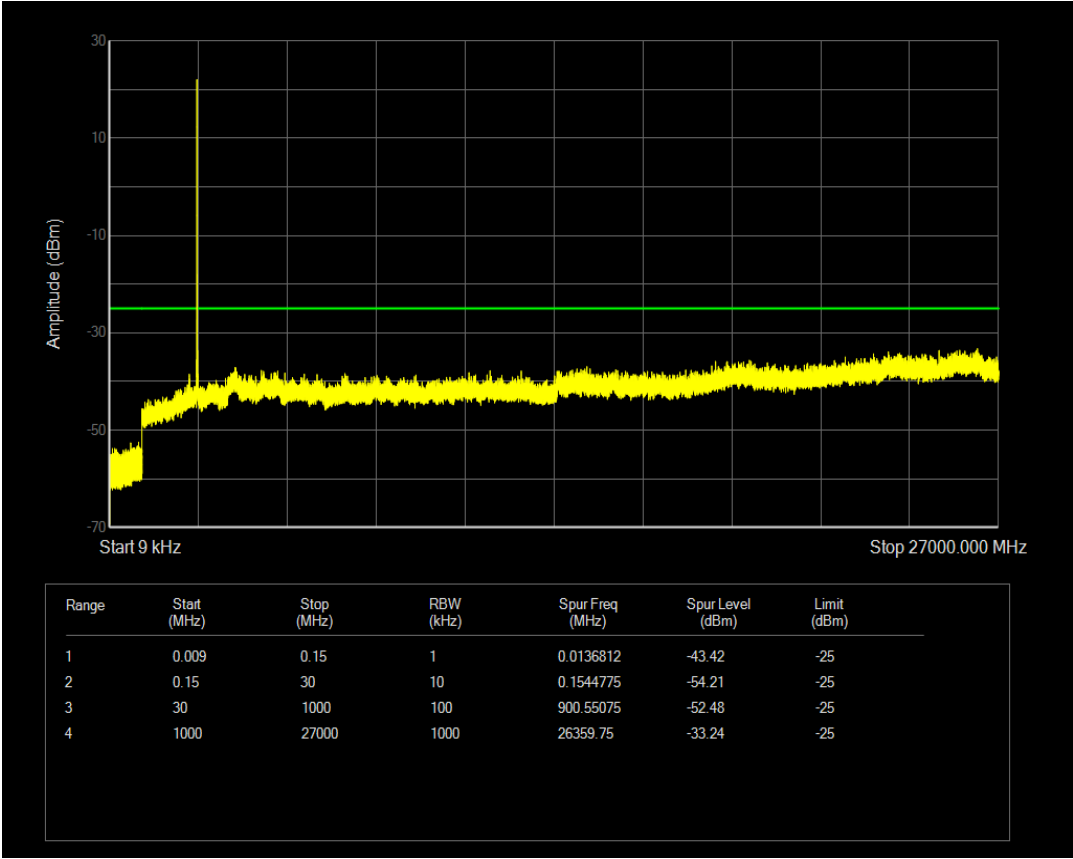
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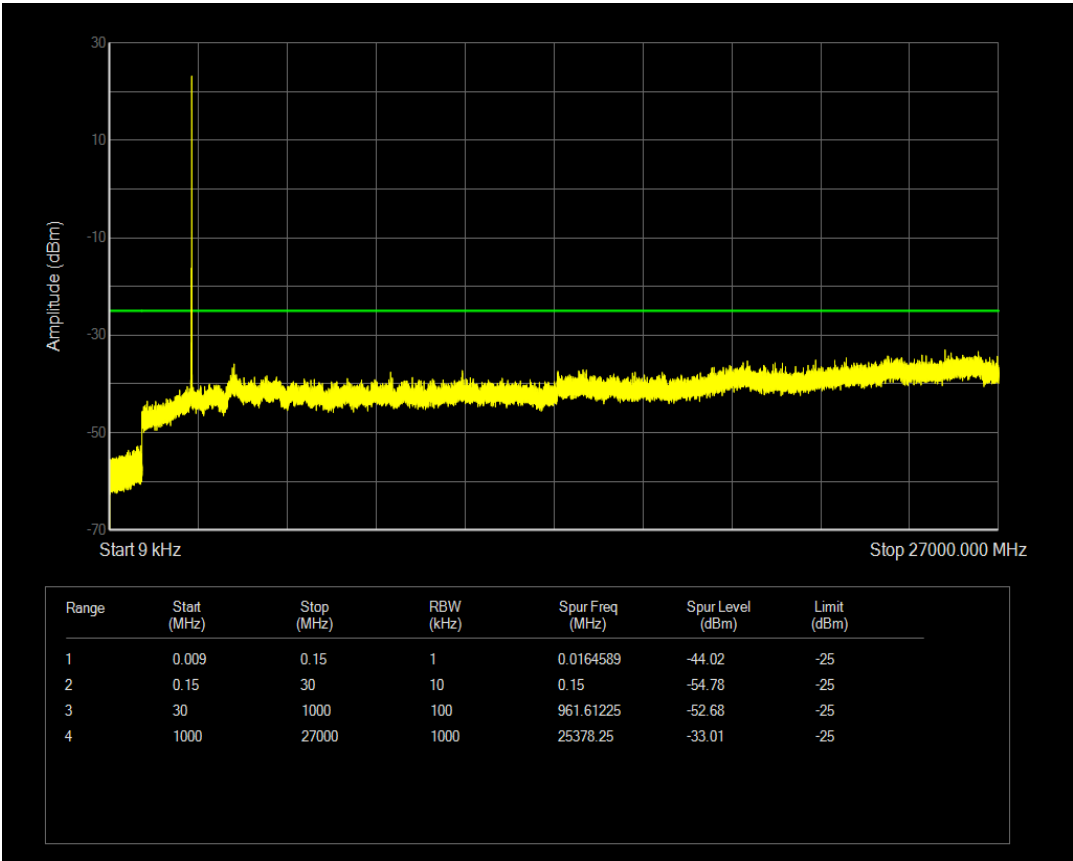
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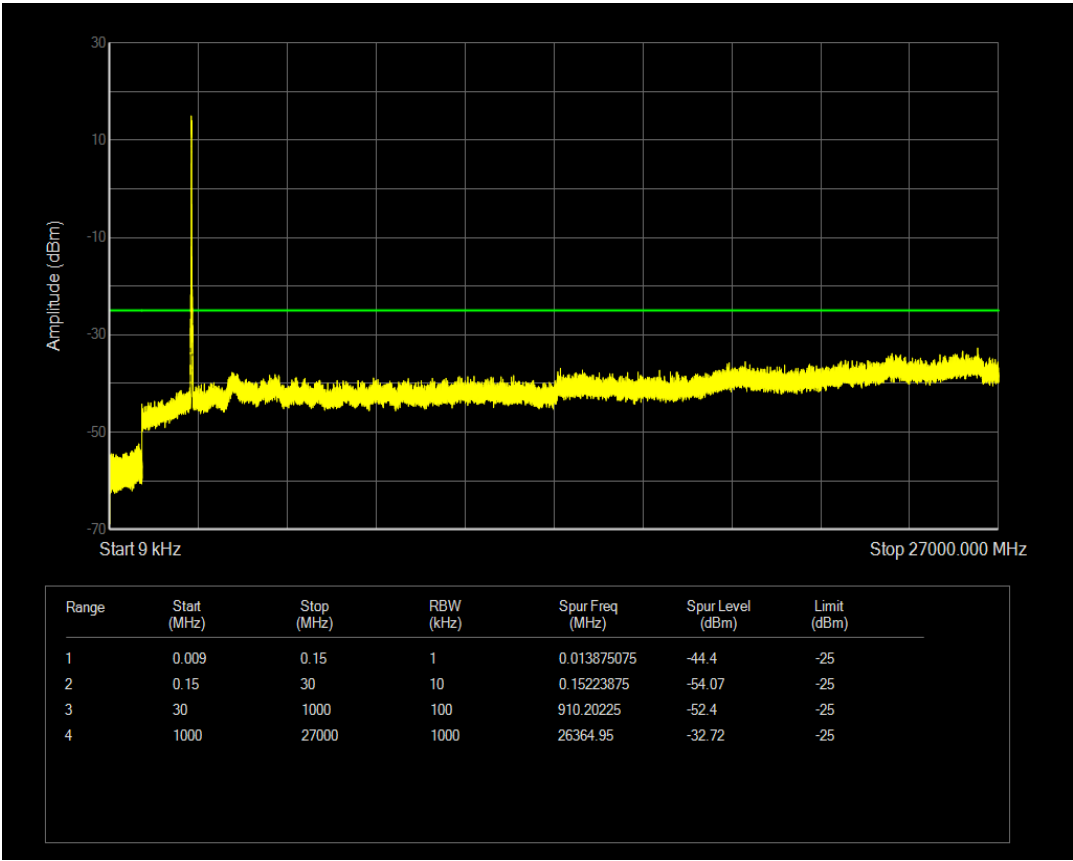
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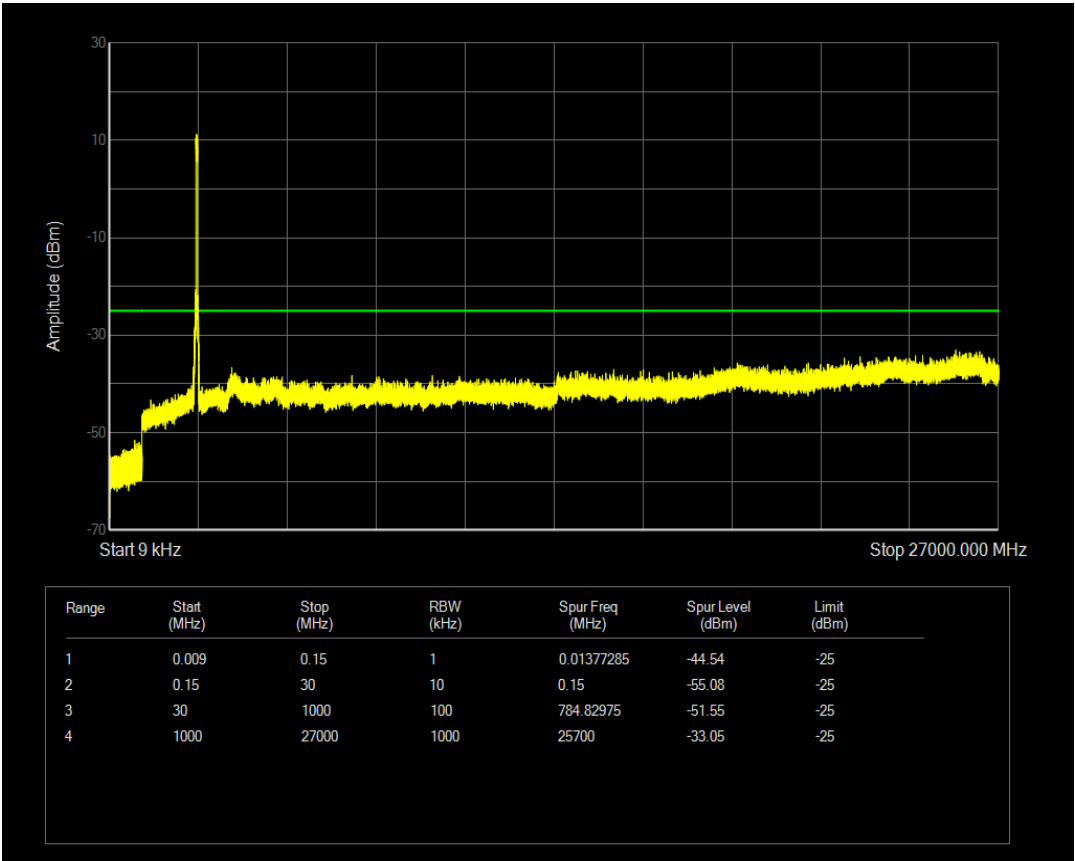
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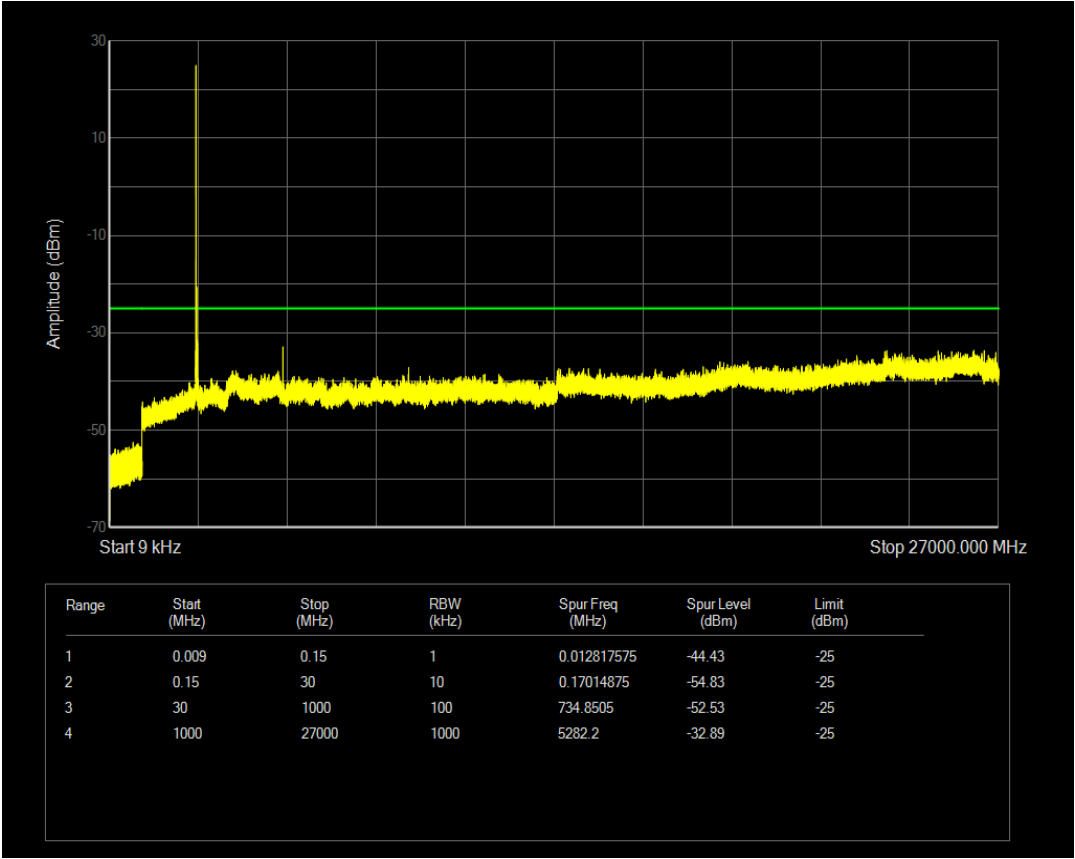
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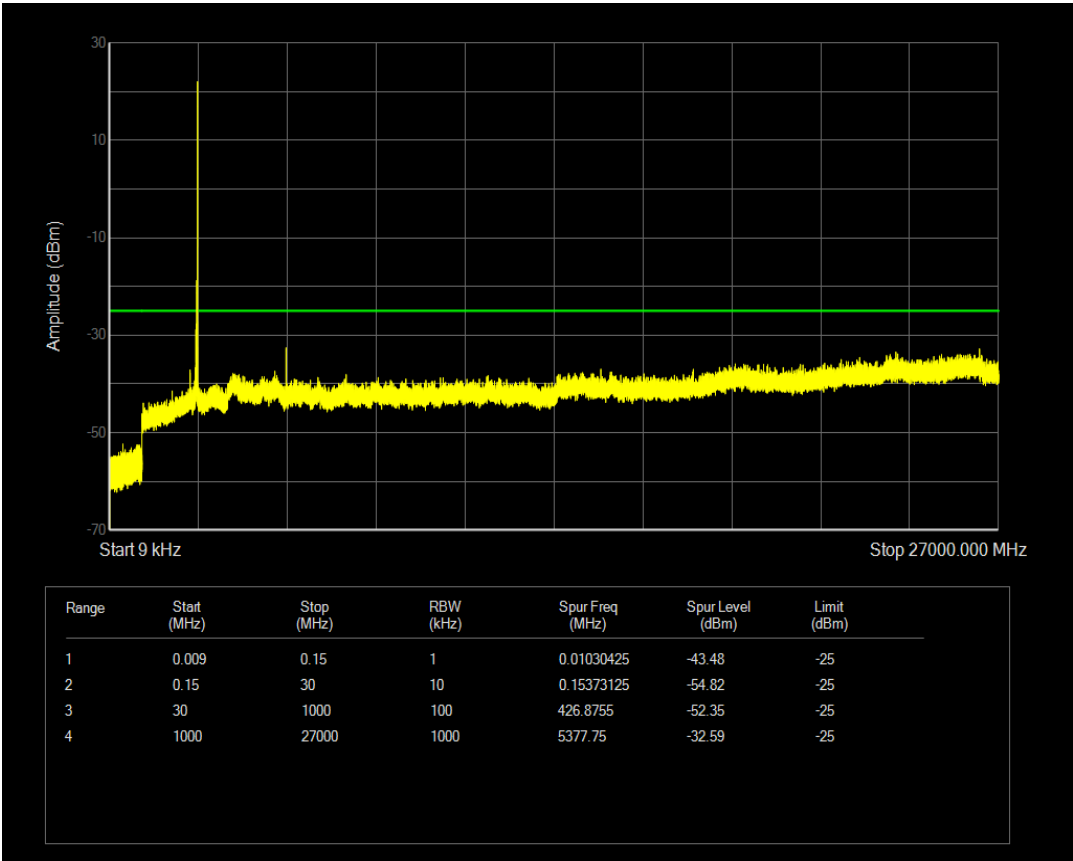
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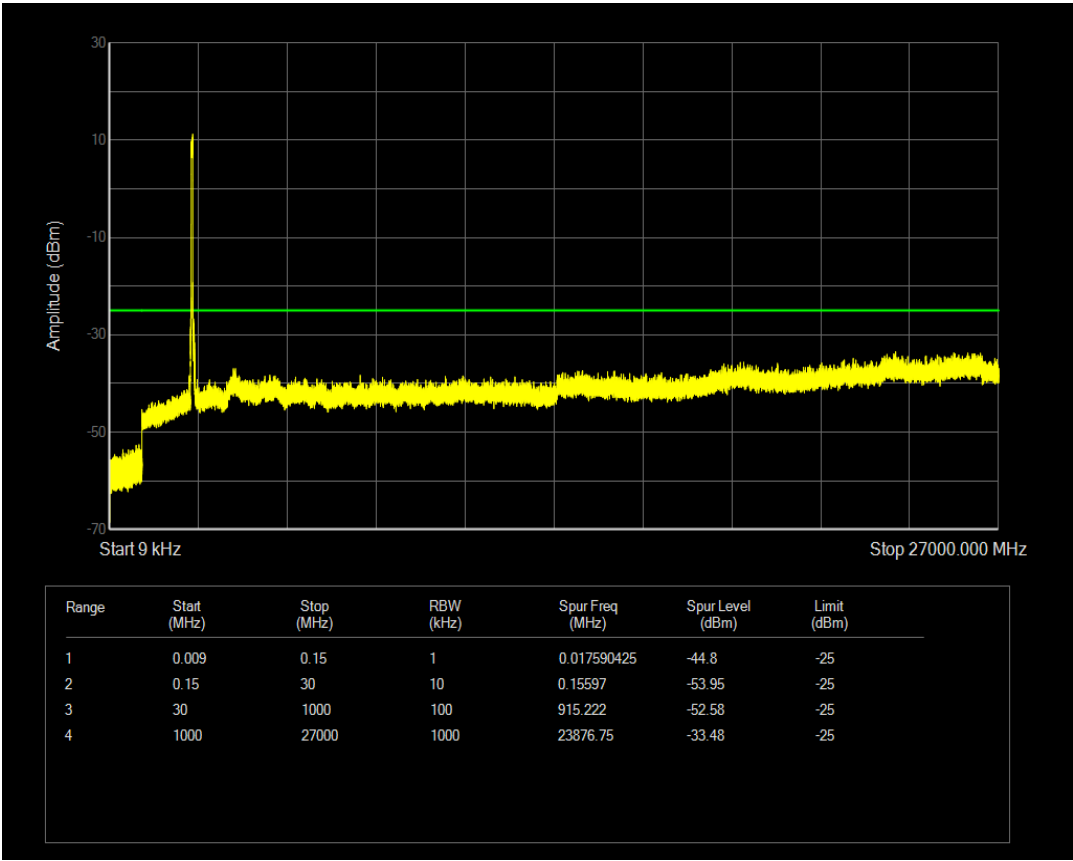
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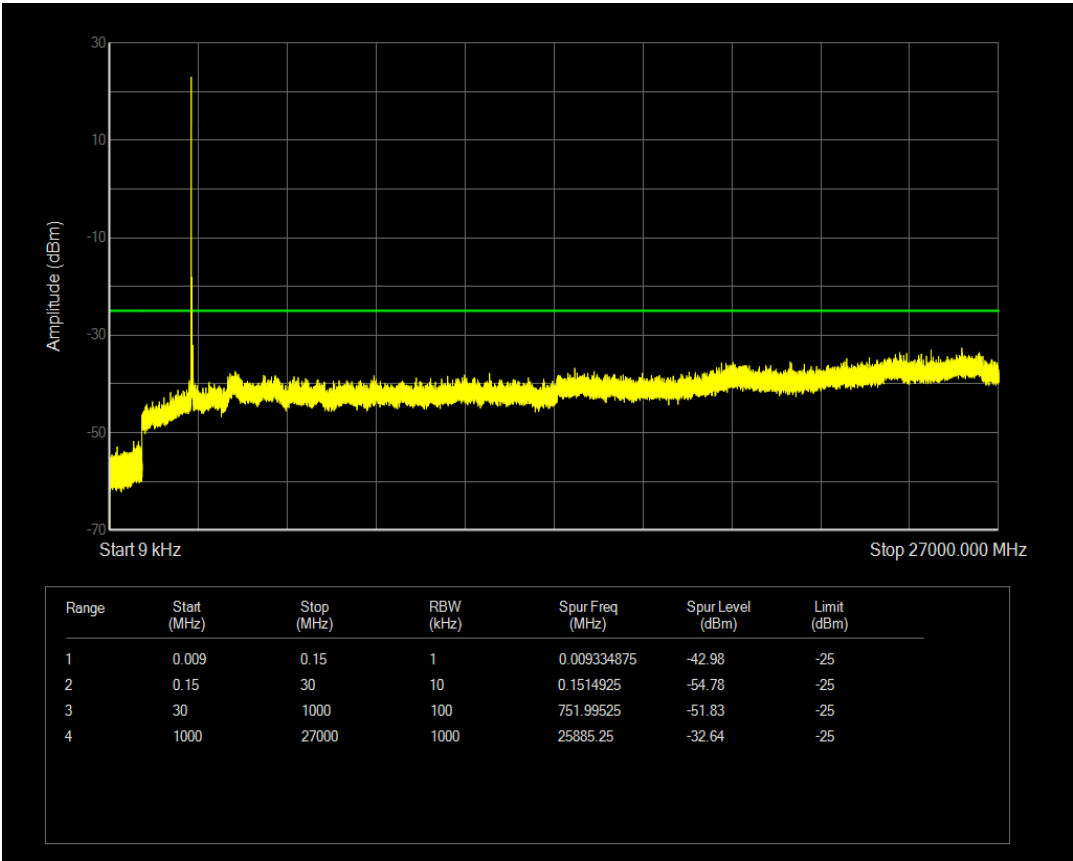
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=504204 RB=133@0



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



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

