

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	18.190	18.290	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.140	19.160	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.080	18.300	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.110	18.310	PASS
n41	30	20	518598	50@0	DFT_QAM256	17.950	18.230	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.560	36.720	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.610	36.610	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.400	36.480	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.510	36.450	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.340	36.310	PASS
n41	30	50	518598	128@0	DFT_BPSK	47.030	46.480	PASS
n41	30	50	518598	128@0	DFT_QPSK	46.880	46.460	PASS
n41	30	50	518598	128@0	DFT_QAM16	46.950	46.250	PASS
n41	30	50	518598	128@0	DFT_QAM64	46.950	46.500	PASS
n41	30	50	518598	128@0	DFT_QAM256	46.950	46.290	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.700	58.590	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.780	58.680	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.690	58.770	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.620	58.600	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.690	58.550	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.010	78.220	PASS
n41	30	80	518598	216@0	DFT_QPSK	76.940	78.170	PASS
n41	30	80	518598	216@0	DFT_QAM16	76.910	78.040	PASS
n41	30	80	518598	216@0	DFT_QAM64	76.830	78.230	PASS
n41	30	80	518598	216@0	DFT_QAM256	76.910	78.130	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.670	86.760	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.680	86.750	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.560	86.760	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.450	86.810	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.540	86.710	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.560	97.540	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.690	97.590	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.550	97.600	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.590	97.530	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.560	97.510	PASS

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



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



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



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



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



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



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



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



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



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



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



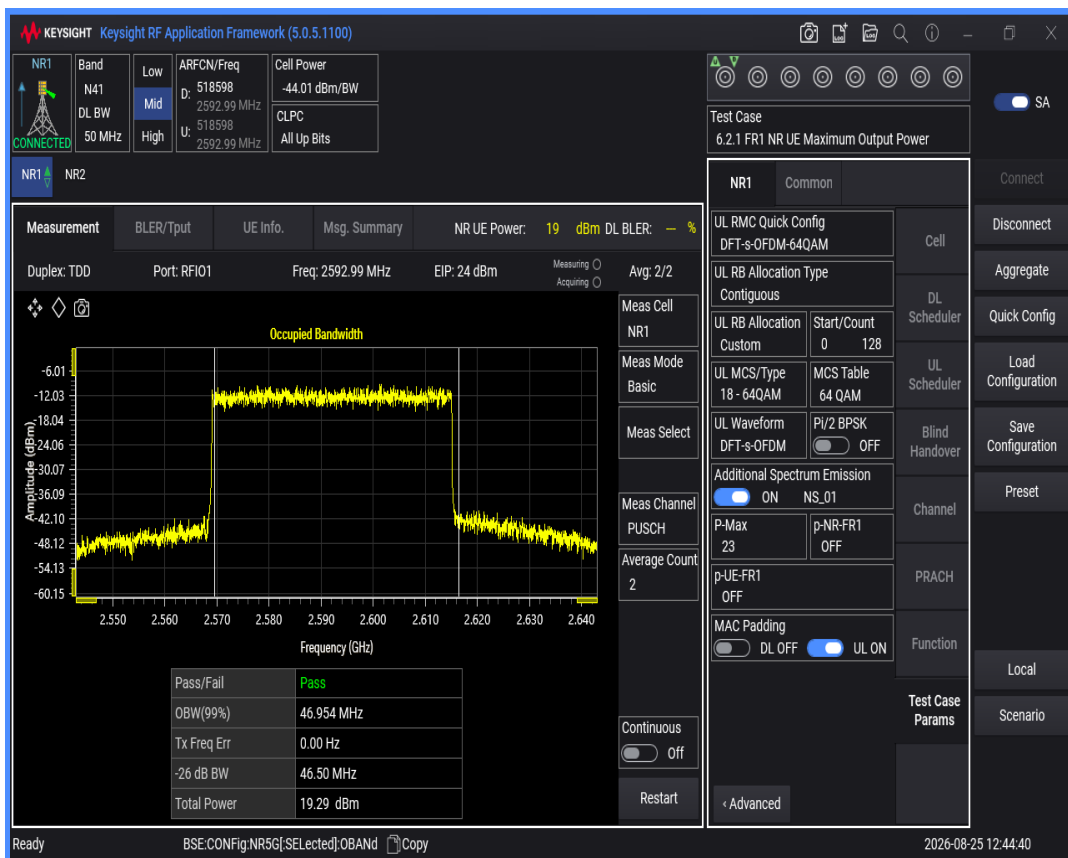
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n41 SCS=30kHz DFT_QPSK BW=60MHz Channel=518598 RB=162@0



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



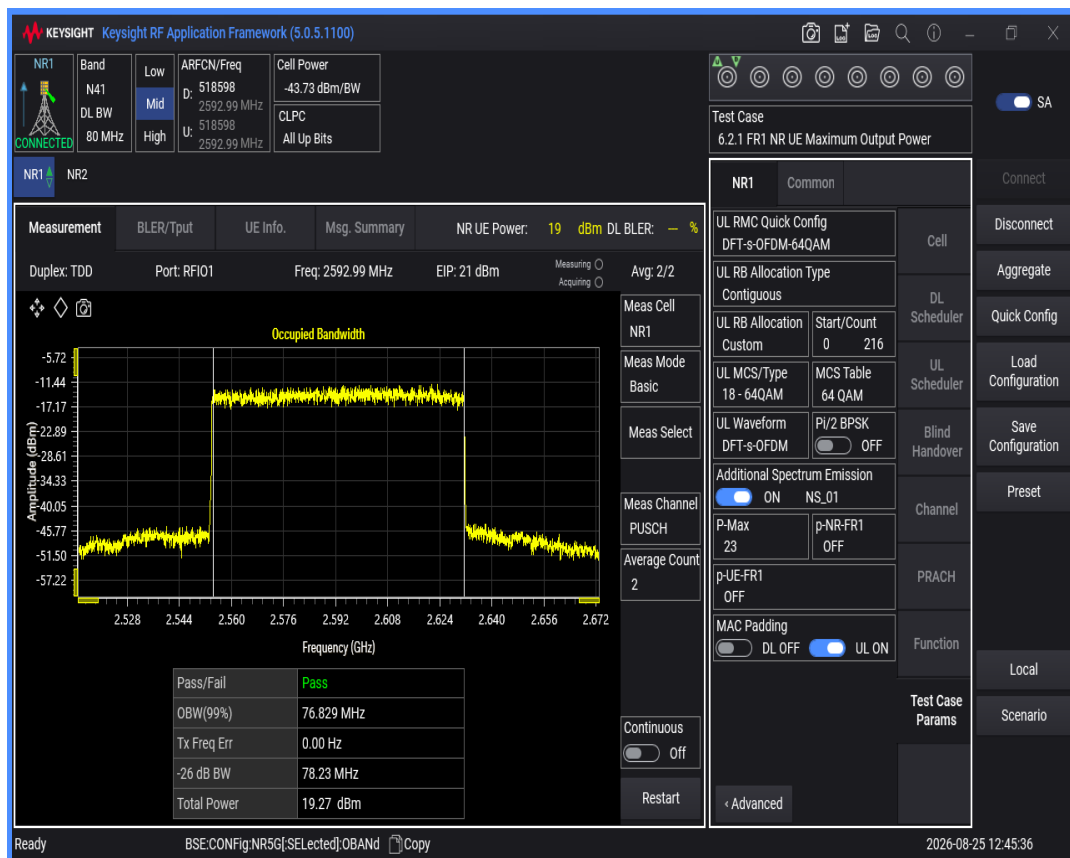
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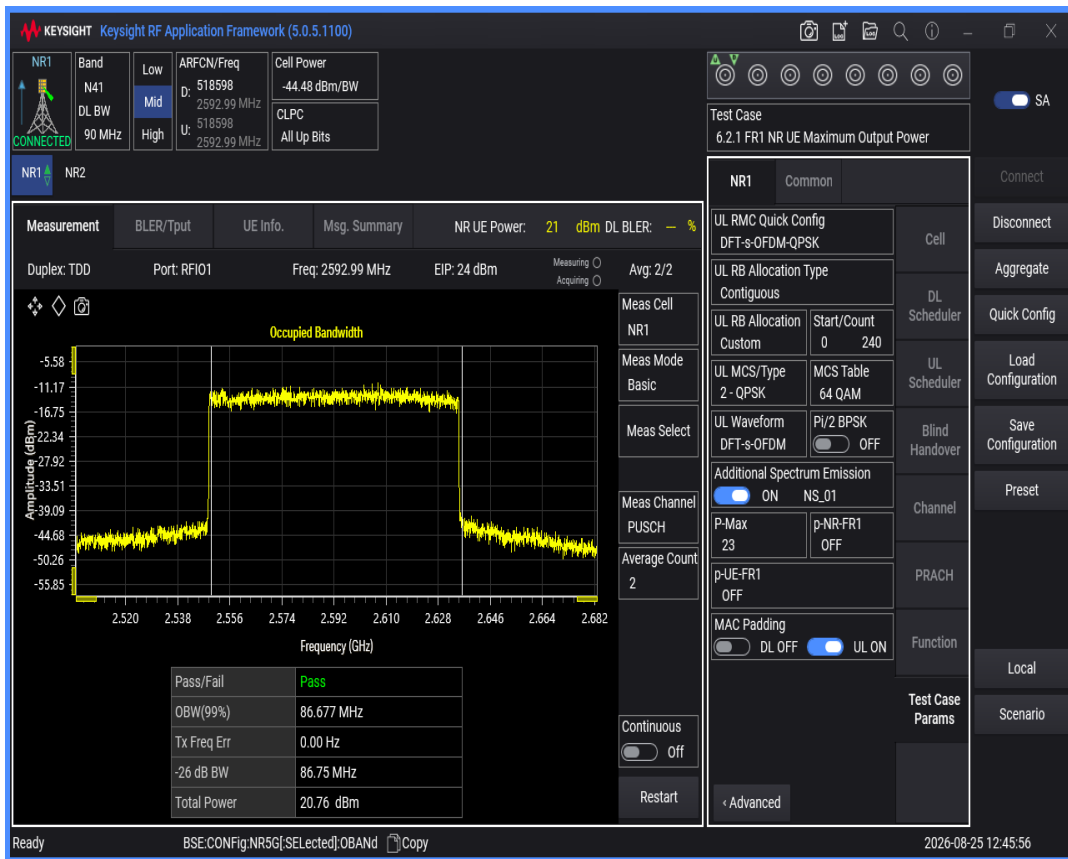
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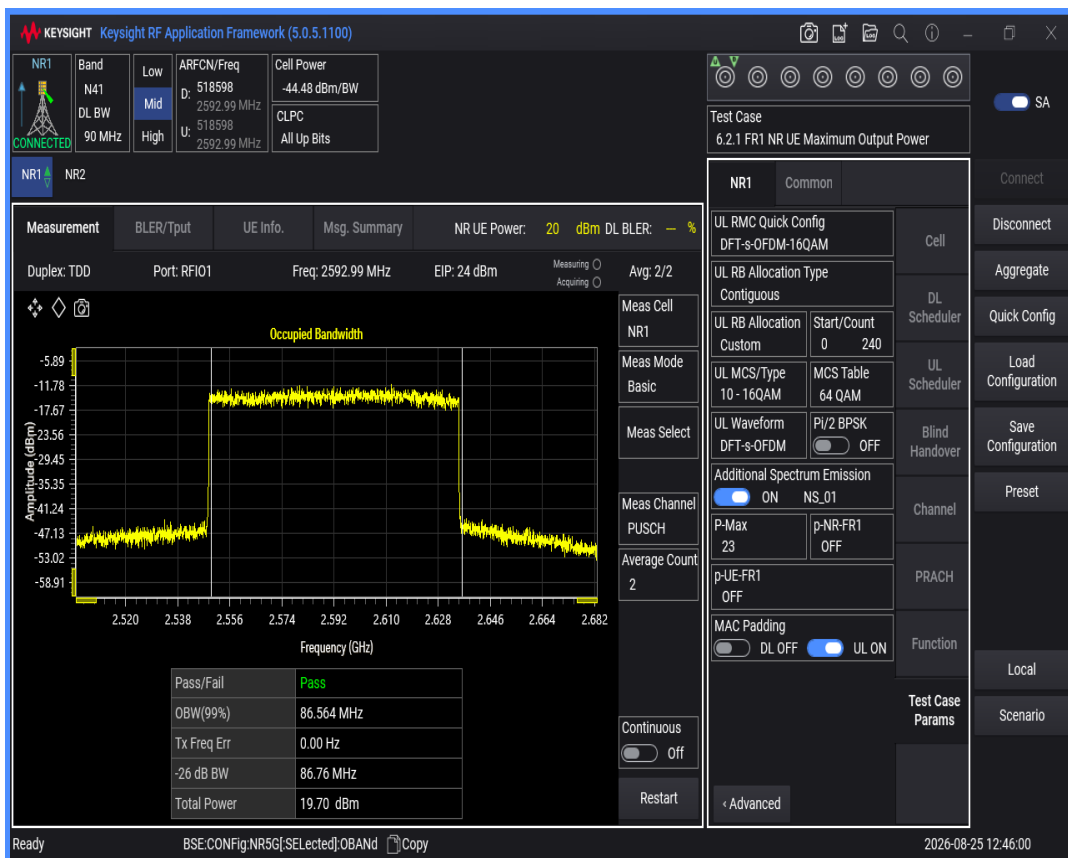
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n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=518598 RB=240@0



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



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



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



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



Measurement

BLER/Tput

UE Info.

Msg. Summary

NR UE Power: 17 dBm DL BLER: - %

Duplex: TDD

Port: RFIO1

Freq: 2592.99 MHz

EIP: 20 dBm

Measuring

Acquiring

Avg: 2/2

Occupied Bandwidth

Amplitude (dBm)

Frequency (GHz)

Pass/Fail

Pass

OBW(99%)

96.557 MHz

Tx Freq Err

0.00 Hz

-26 dB BW

97.51 MHz

Total Power

17.14 dBm

Meas Cell

NR1

Meas Mode

Basic

Meas Select

Meas Channel

PUSCH

Average Count

2

Continuous

Off

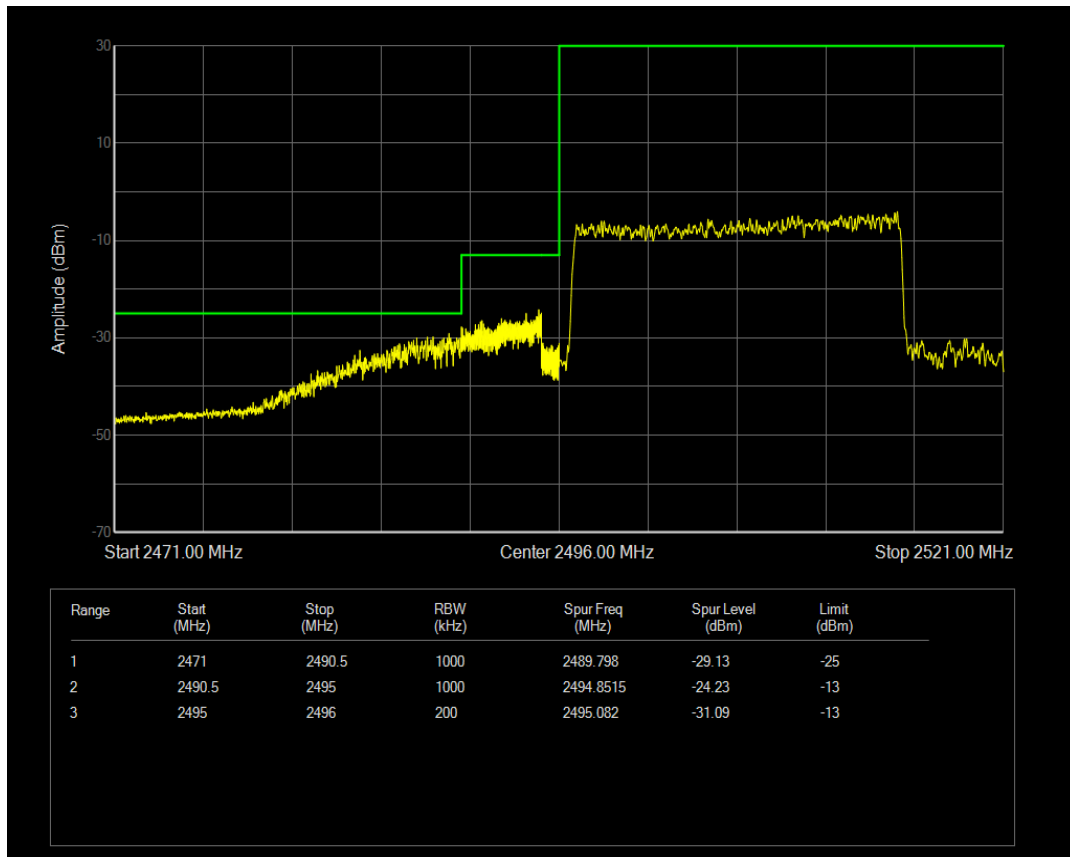
Restart

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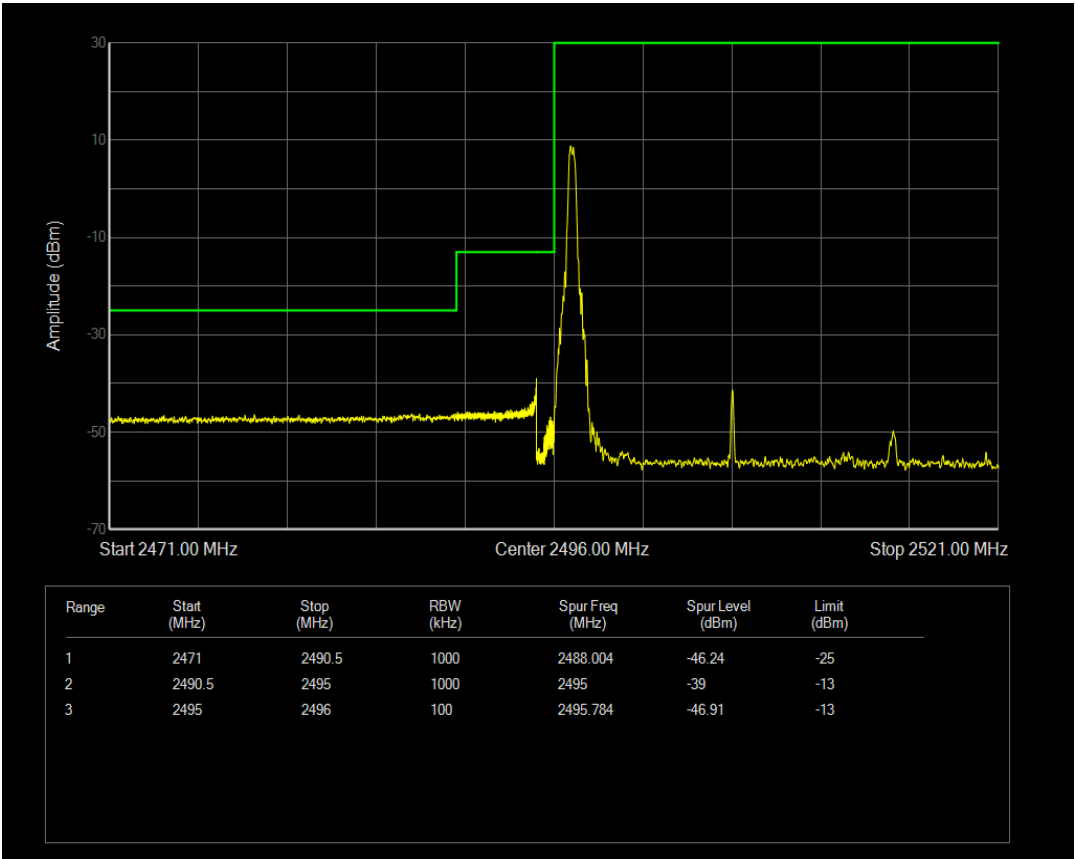
5 Band edge for NR FR1

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	2489.80	-29.13	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2496.93	8.83	30	PASS
n41	30	20	501204	1@50	CP_QPSK	2485.64	-45.60	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2695.15	-29.85	-13	PASS
n41	30	20	535998	1@0	CP_QPSK	2711.08	-46.57	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2688.93	9.54	30	PASS
n41	30	50	504204	133@0	CP_QPSK	2486.62	-32.64	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2490.22	-46.54	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2483.83	-46.34	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2690.00	-26.47	-10	PASS
n41	30	50	532998	1@0	CP_QPSK	2751.14	-46.61	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2746.09	-46.50	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2495.98	-22.02	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2495.92	-31.13	-13	PASS
n41	30	100	509202	1@272	CP_QPSK	2478.43	-46.28	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2690.01	-24.60	-10	PASS
n41	30	100	528000	1@0	CP_QPSK	2803.95	-46.64	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2794.03	-46.67	-25	PASS

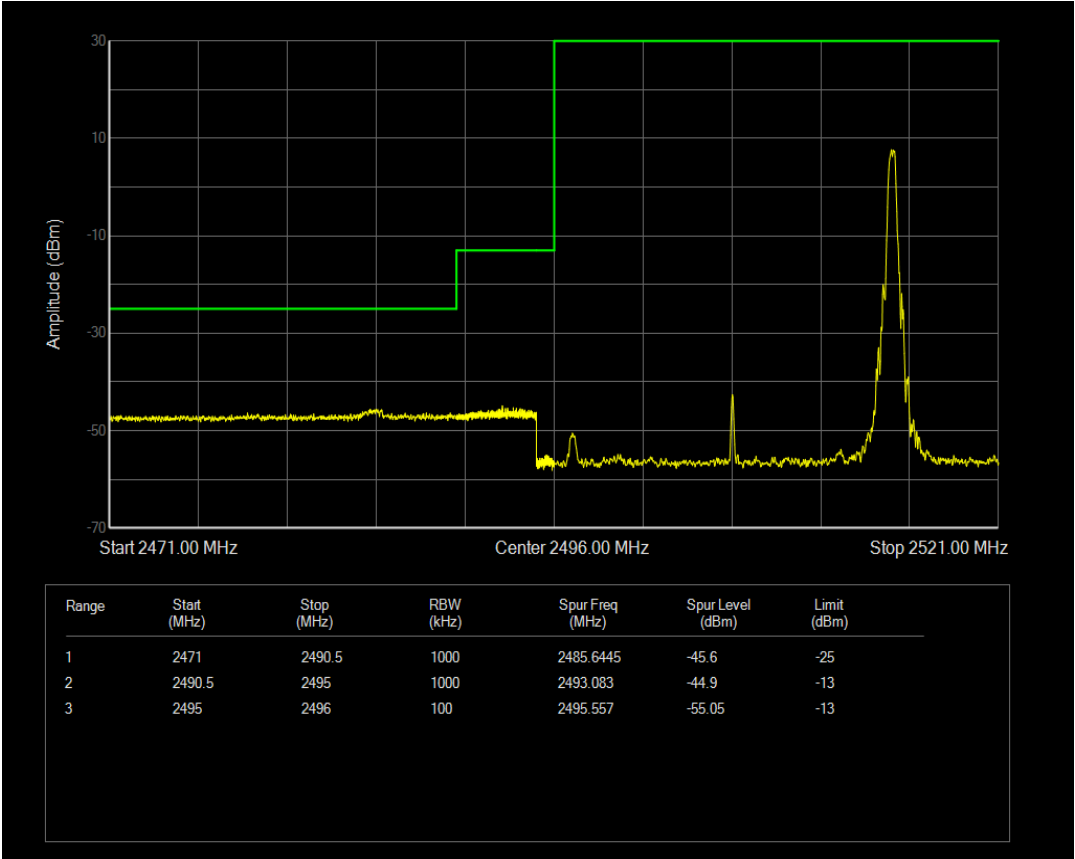
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0



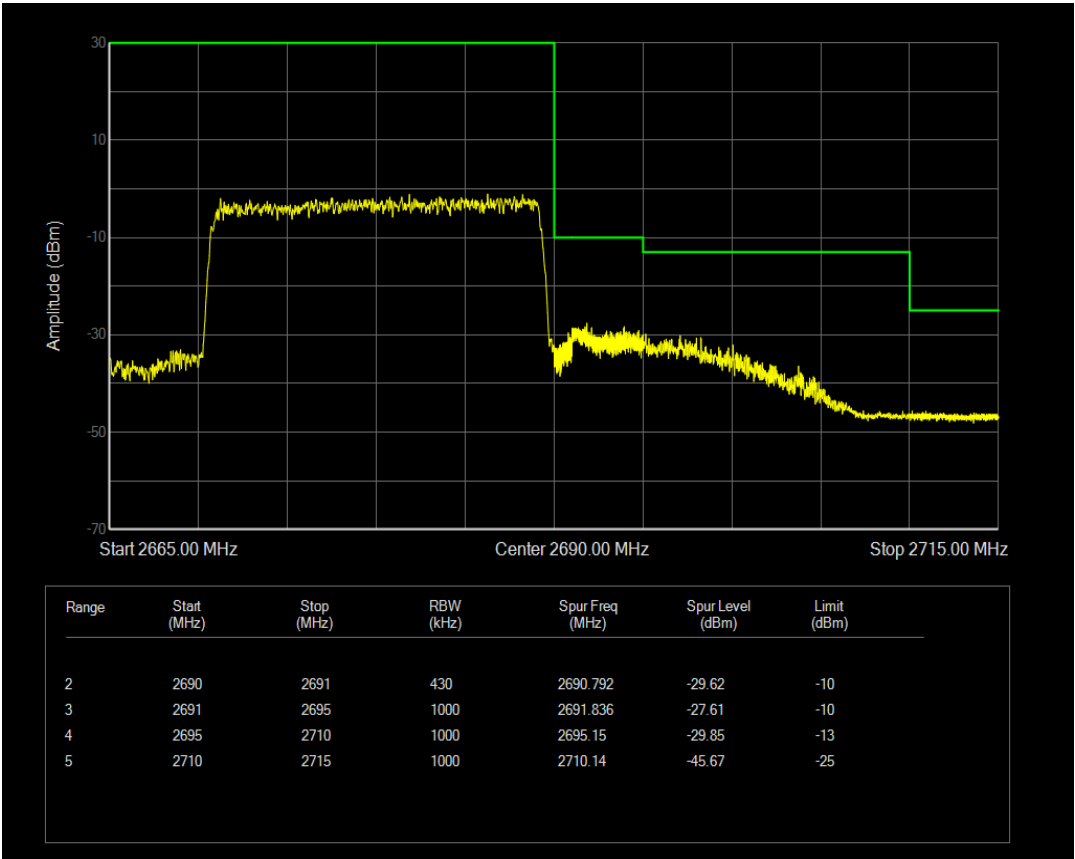
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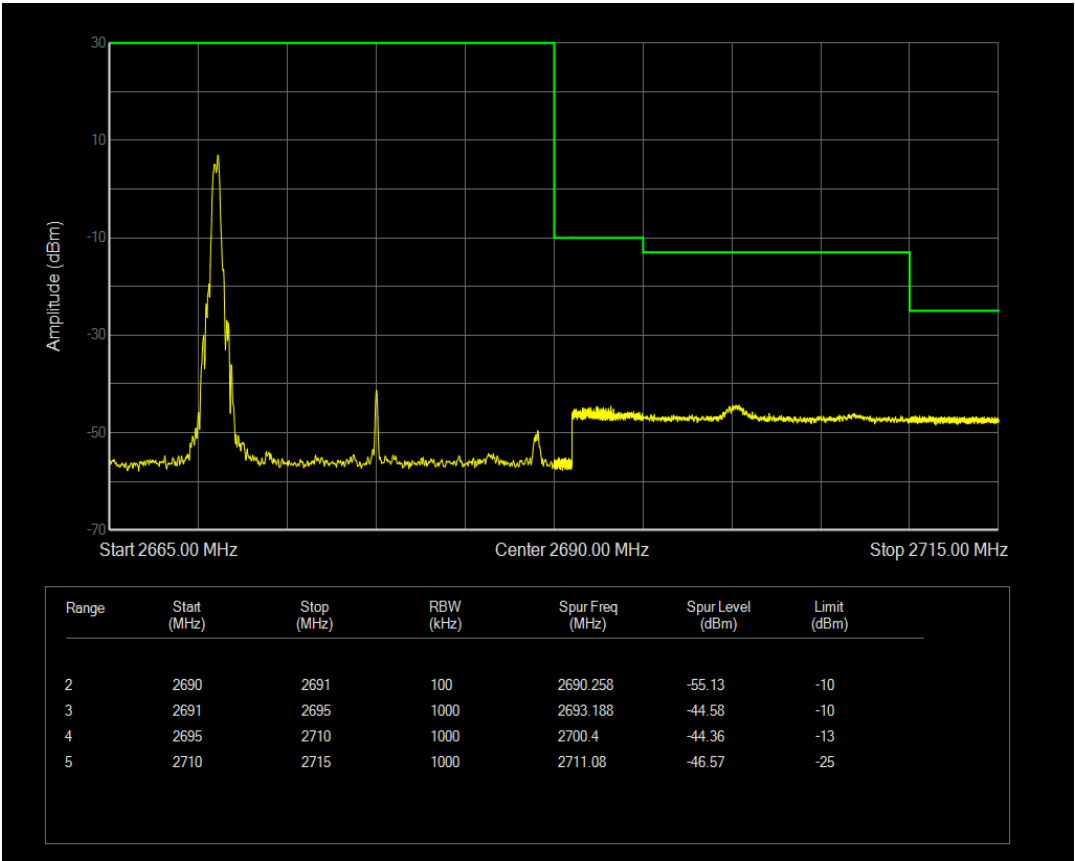
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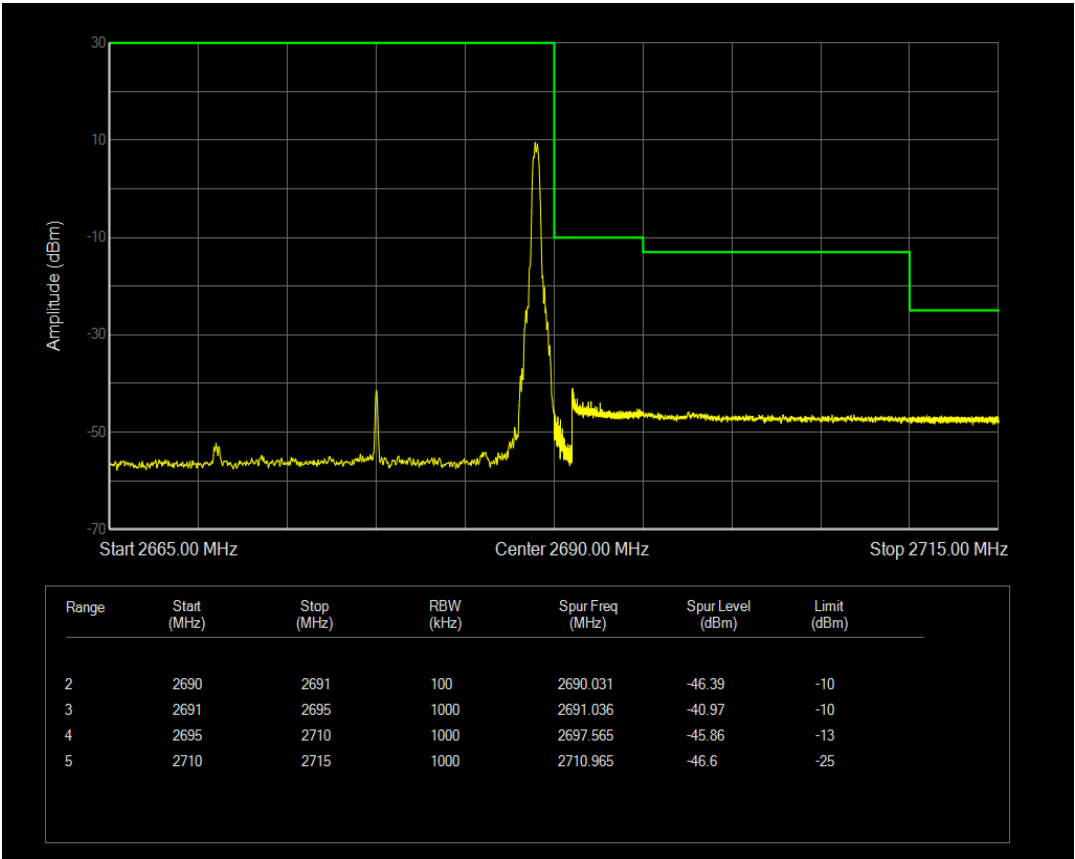
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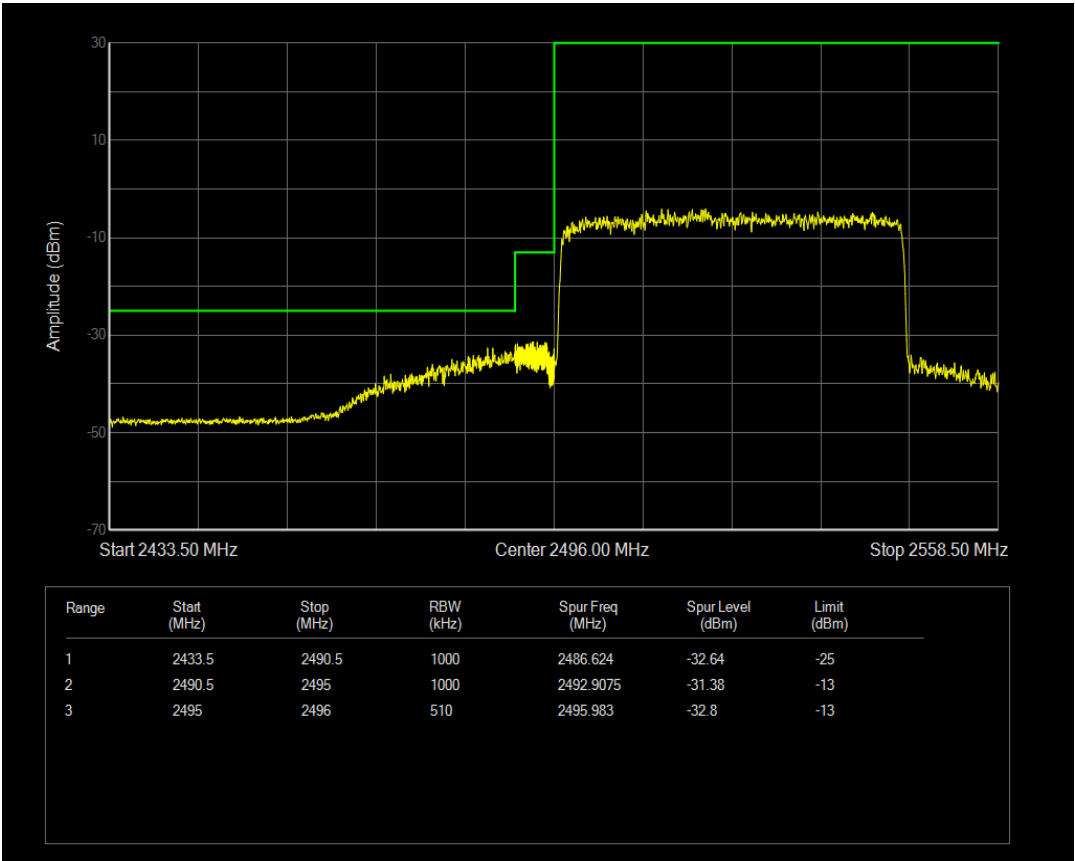
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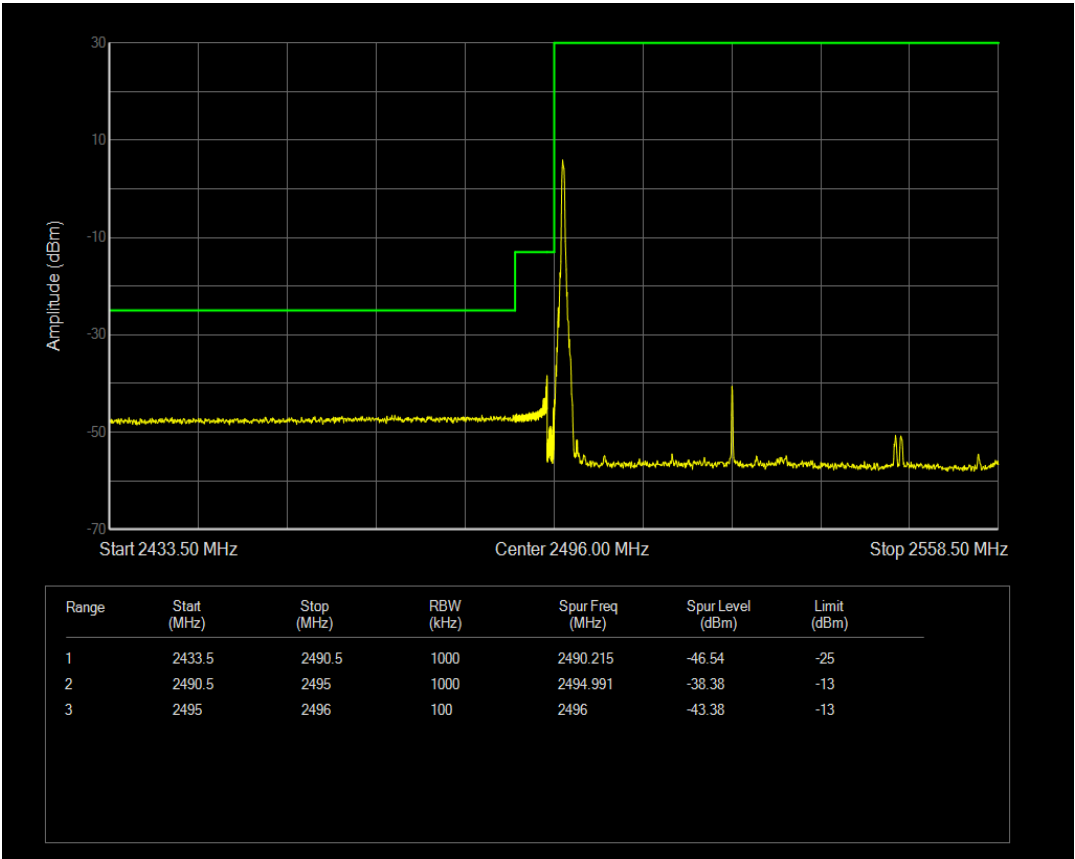
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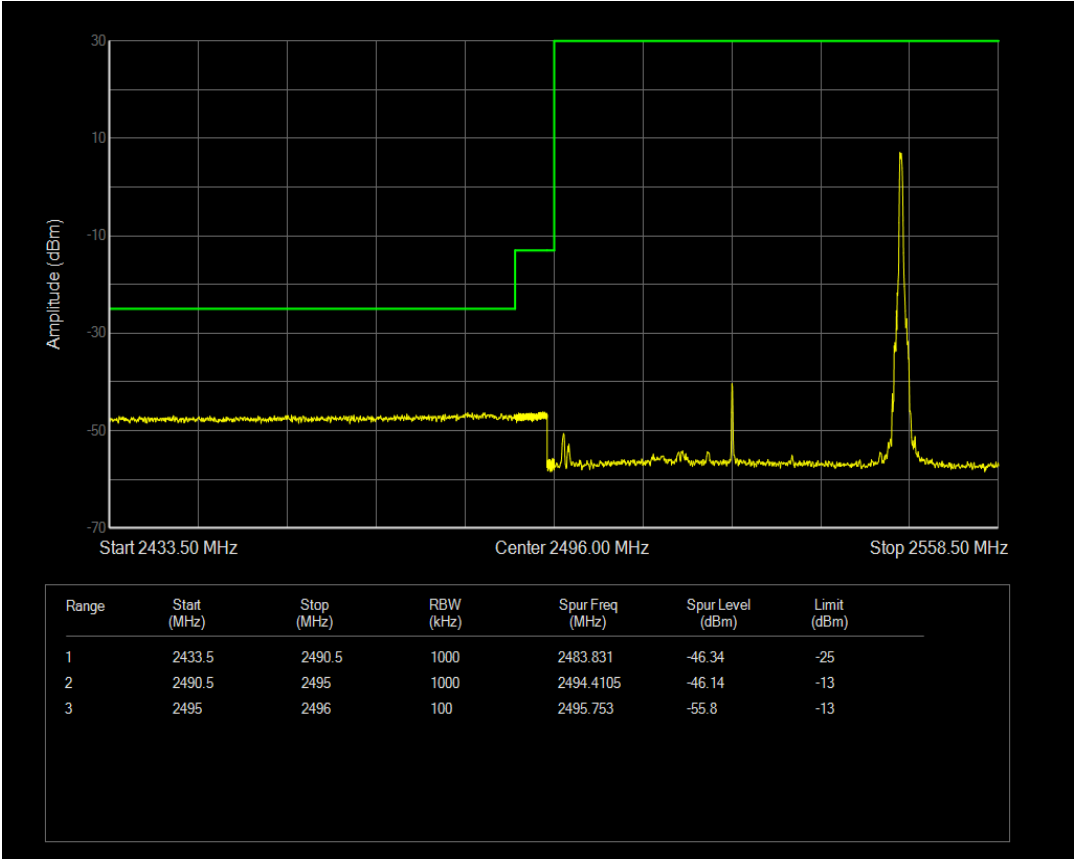
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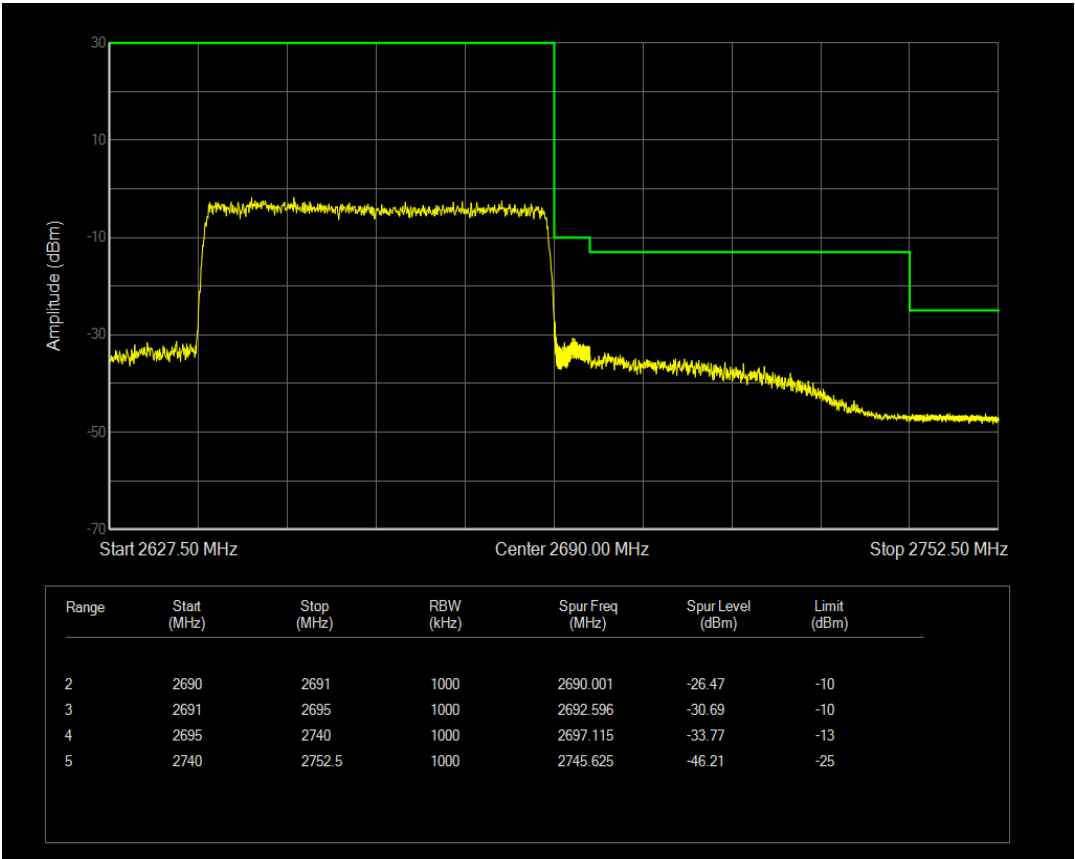
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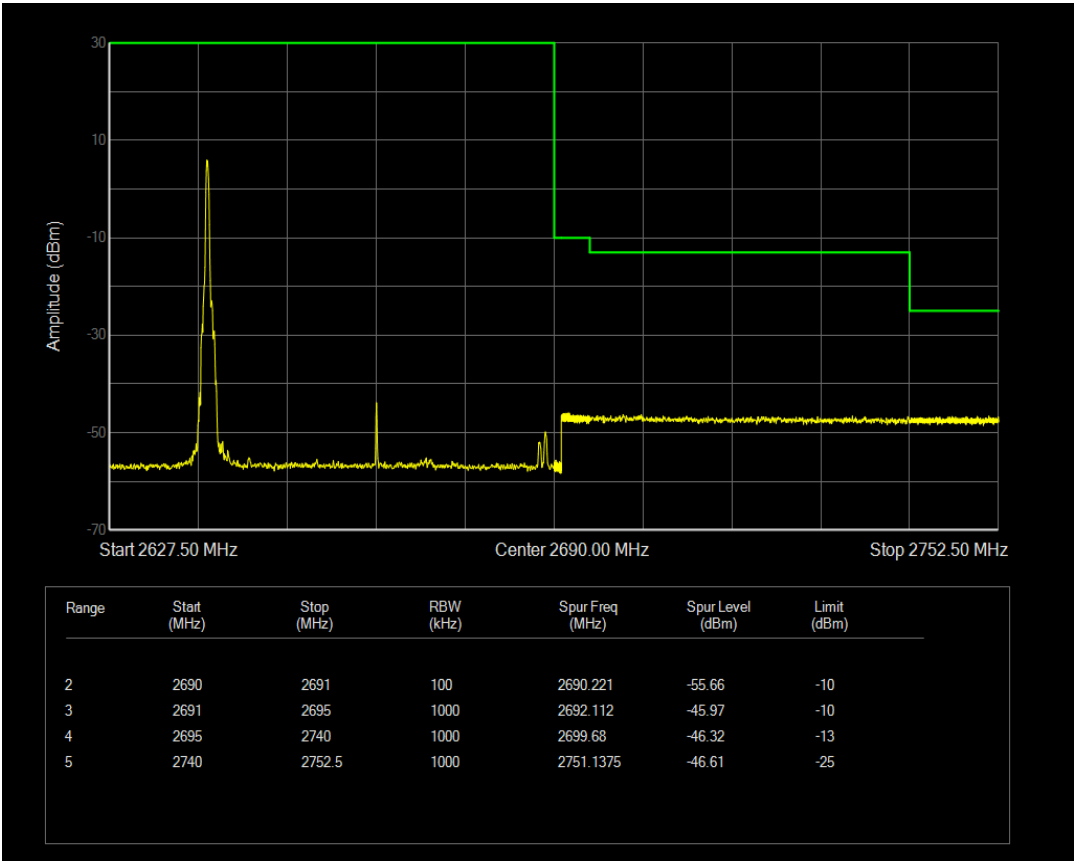
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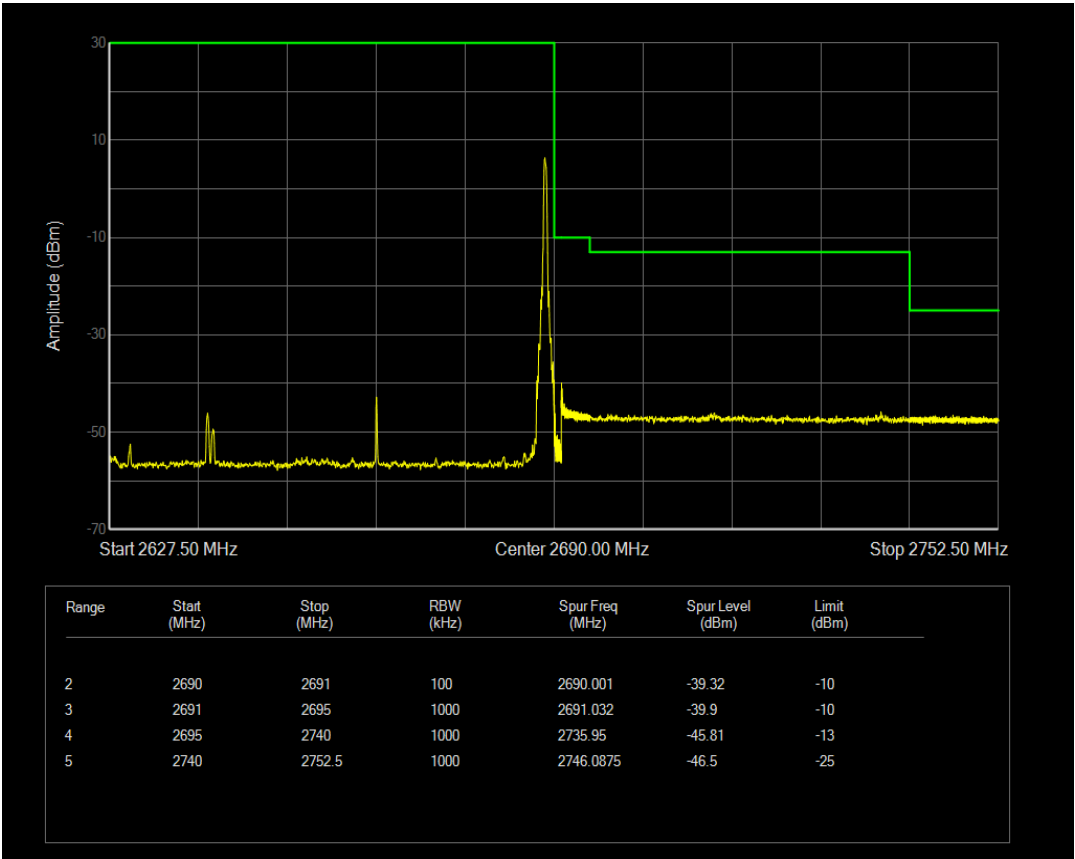
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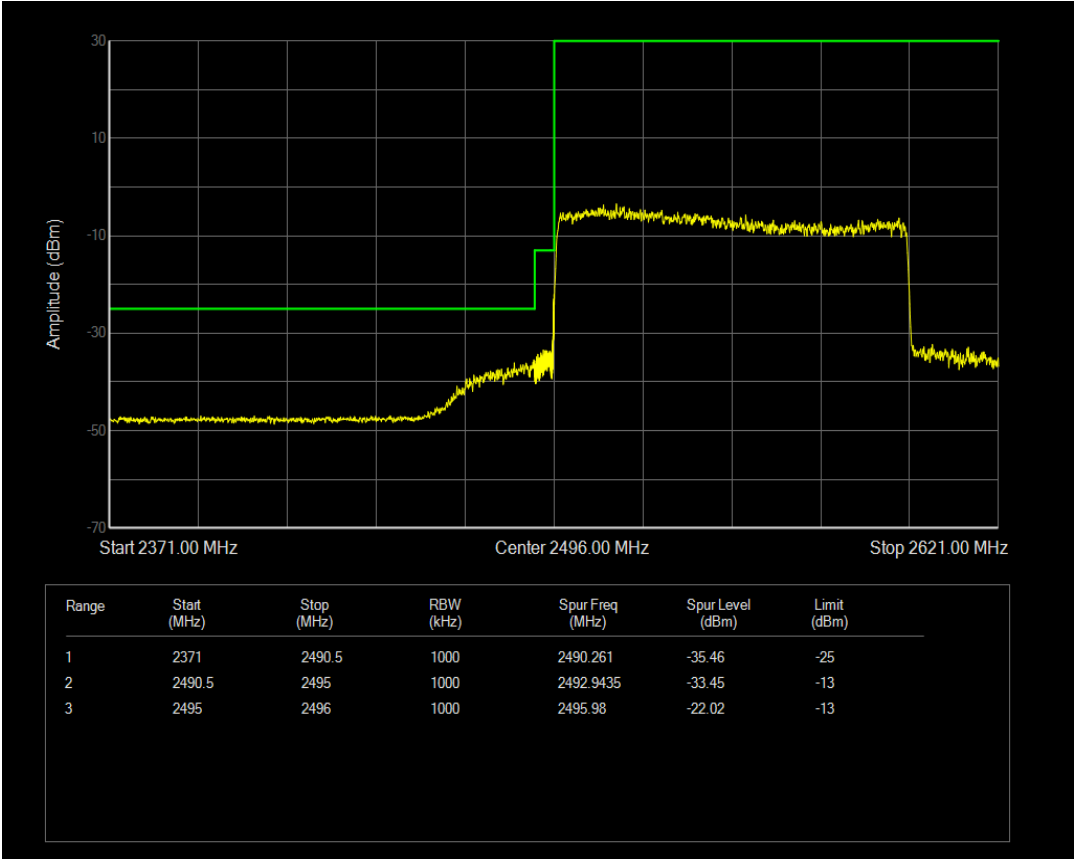
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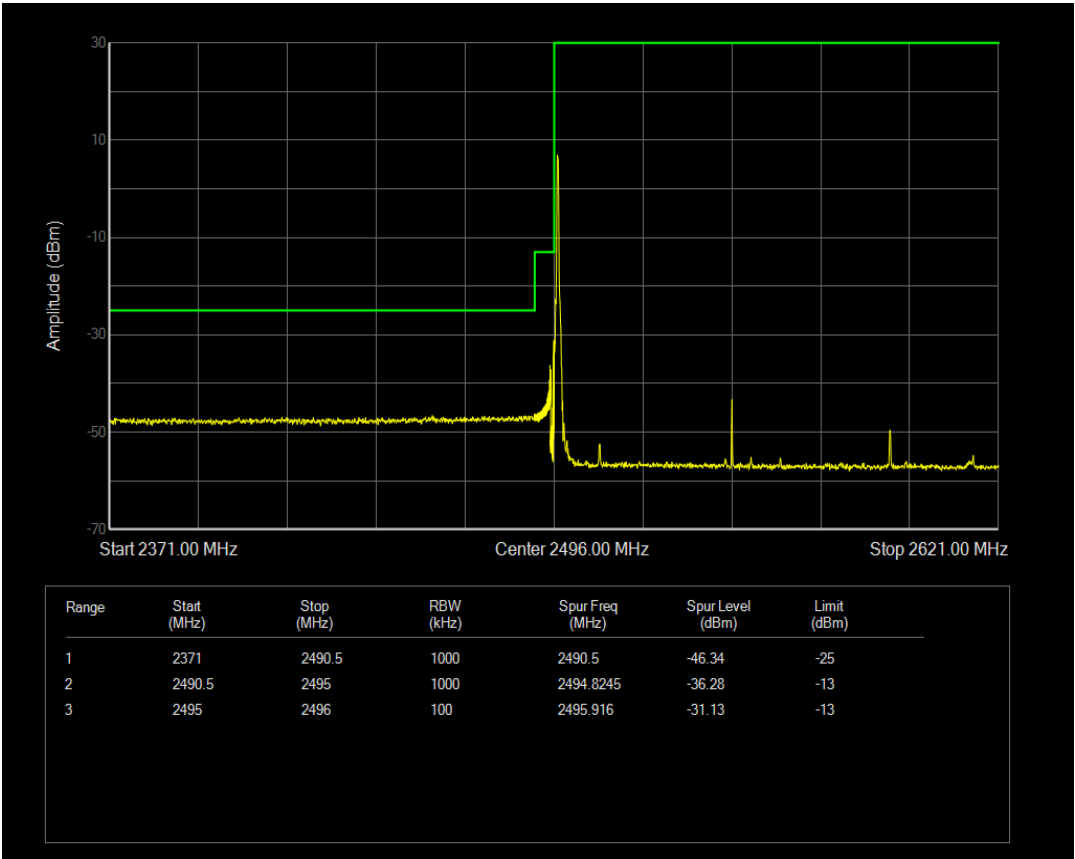
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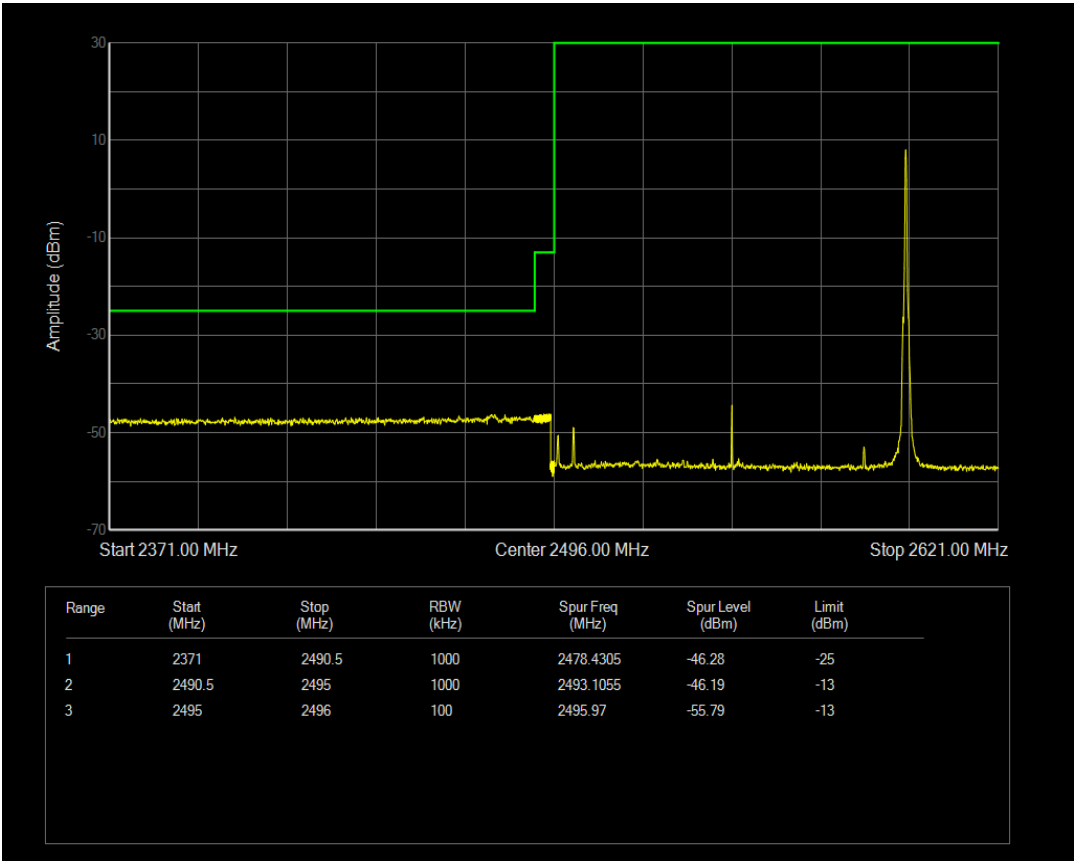
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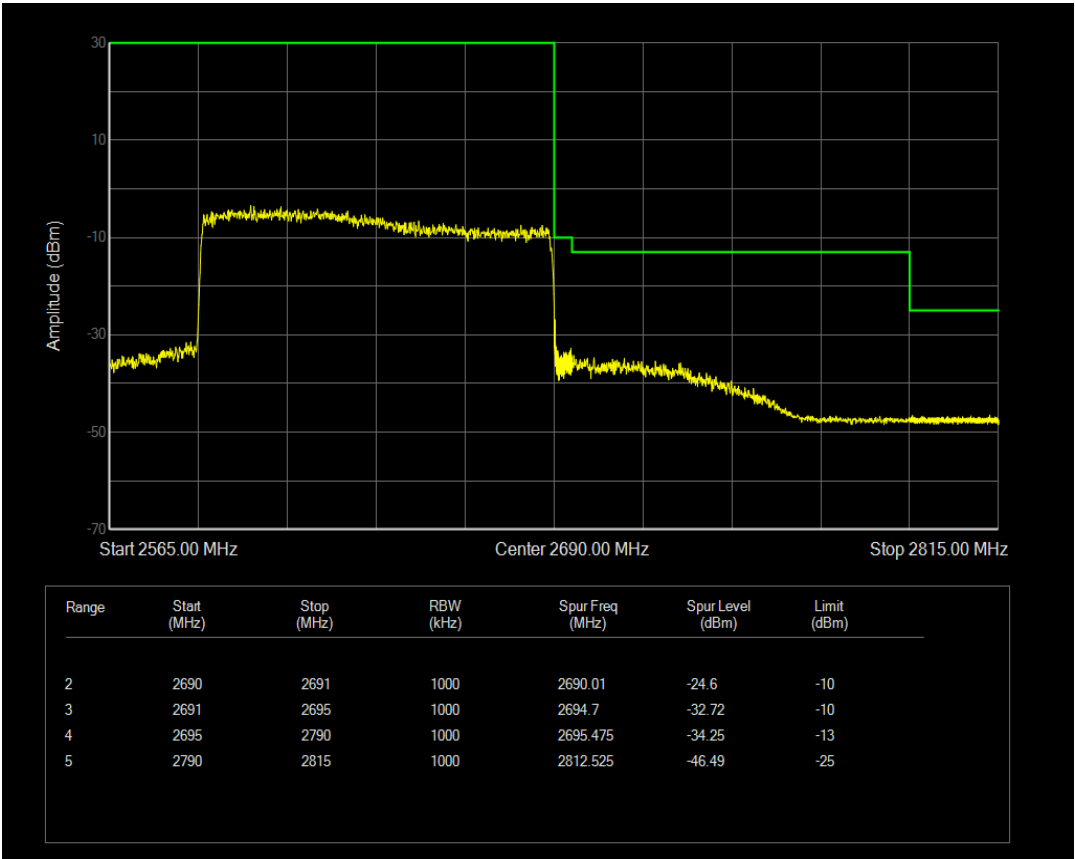
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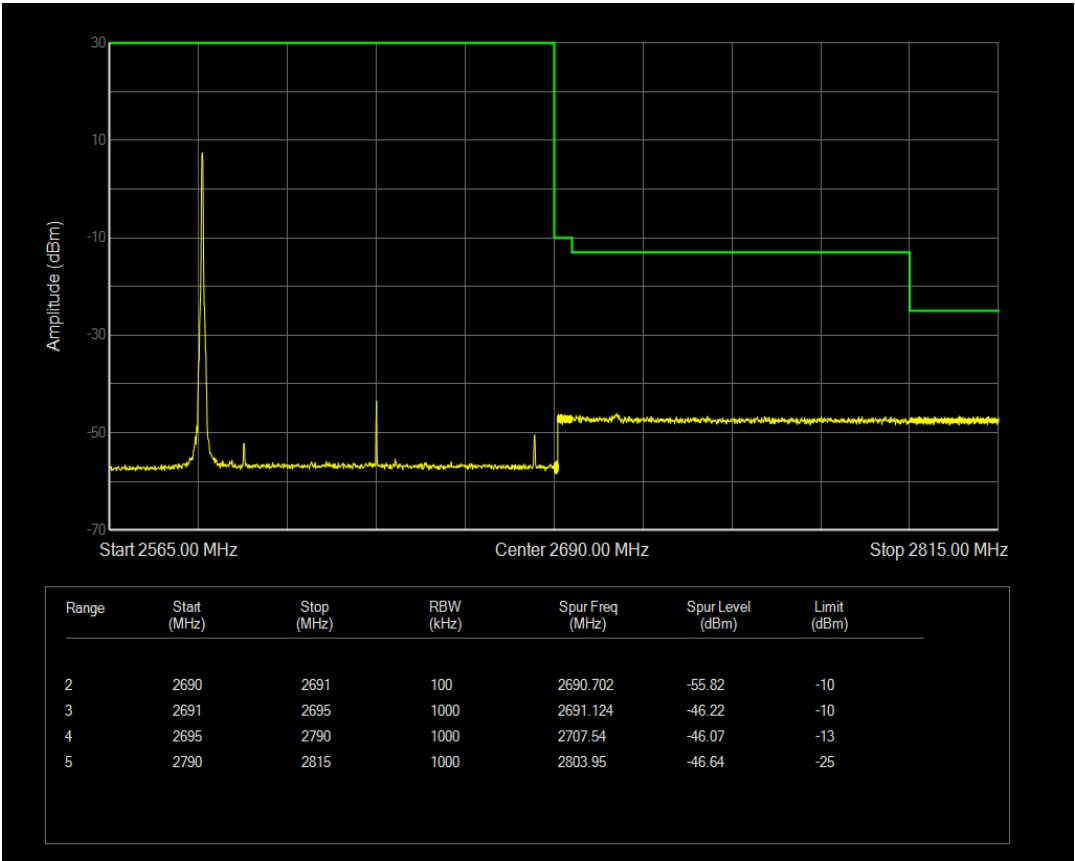
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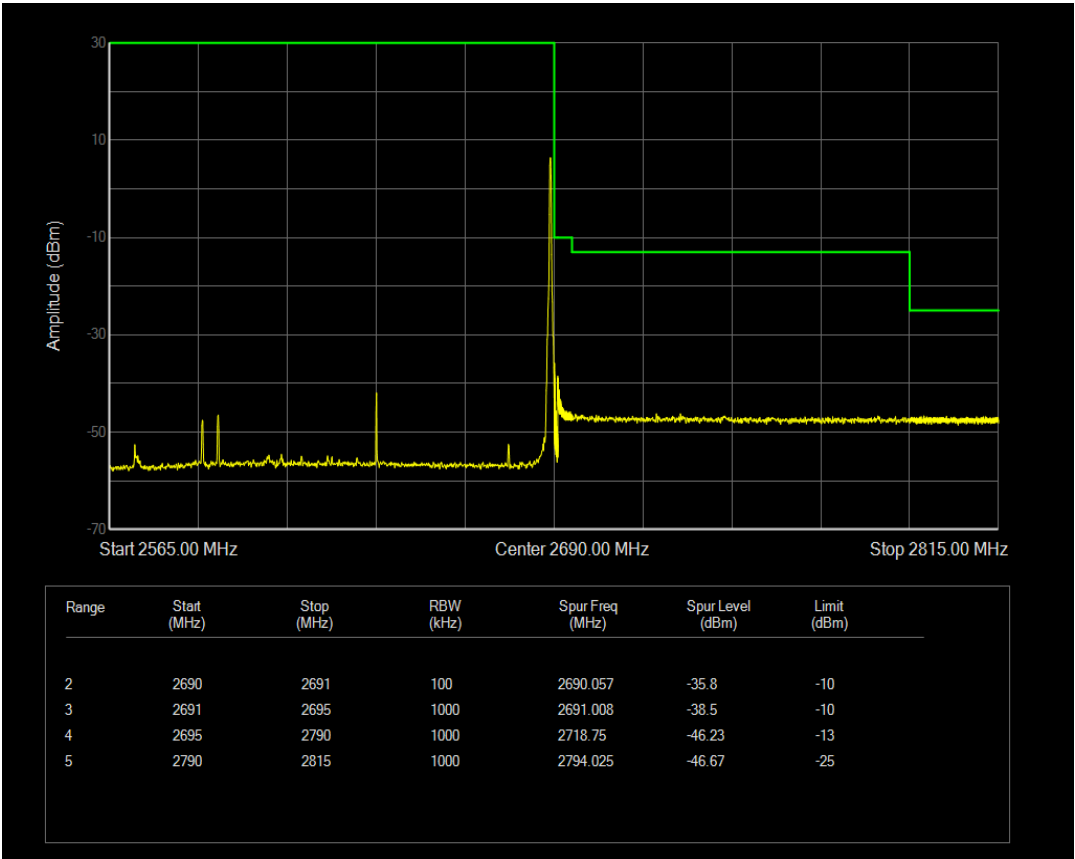
n41 SCS=30kHz CP_QPSK BW=100MHz Channel=528000 RB=273@0



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



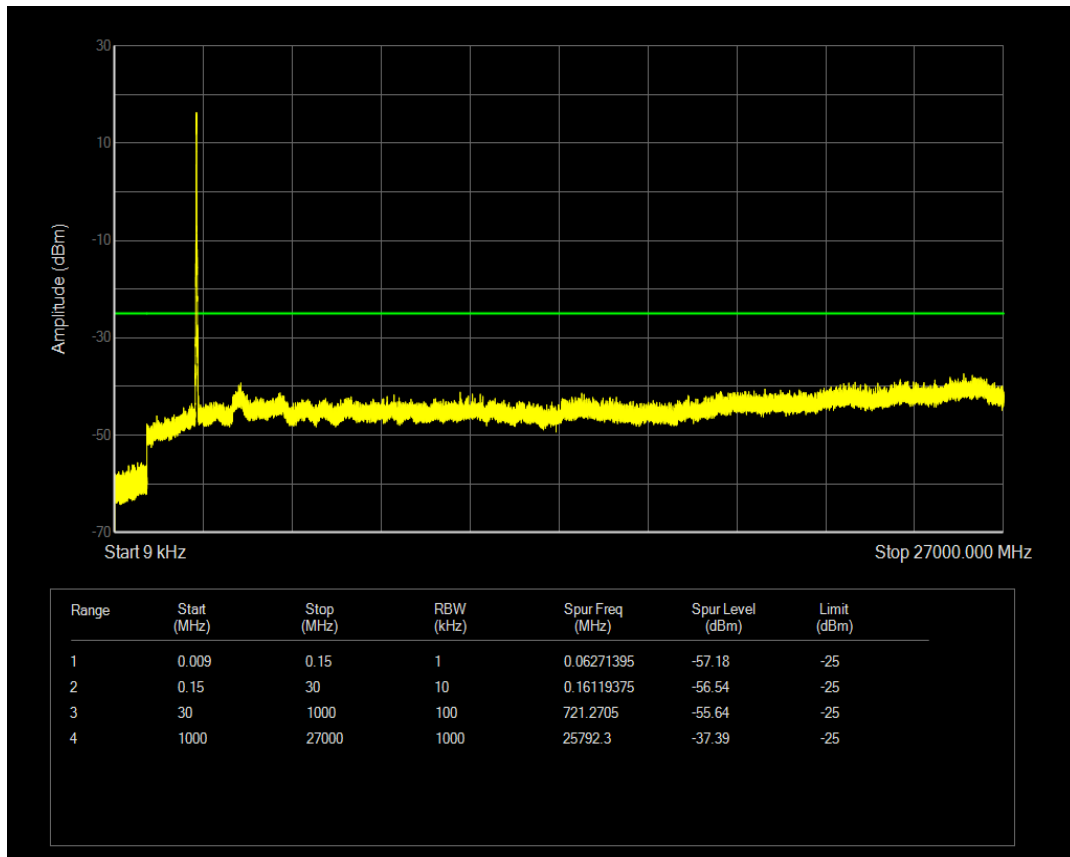
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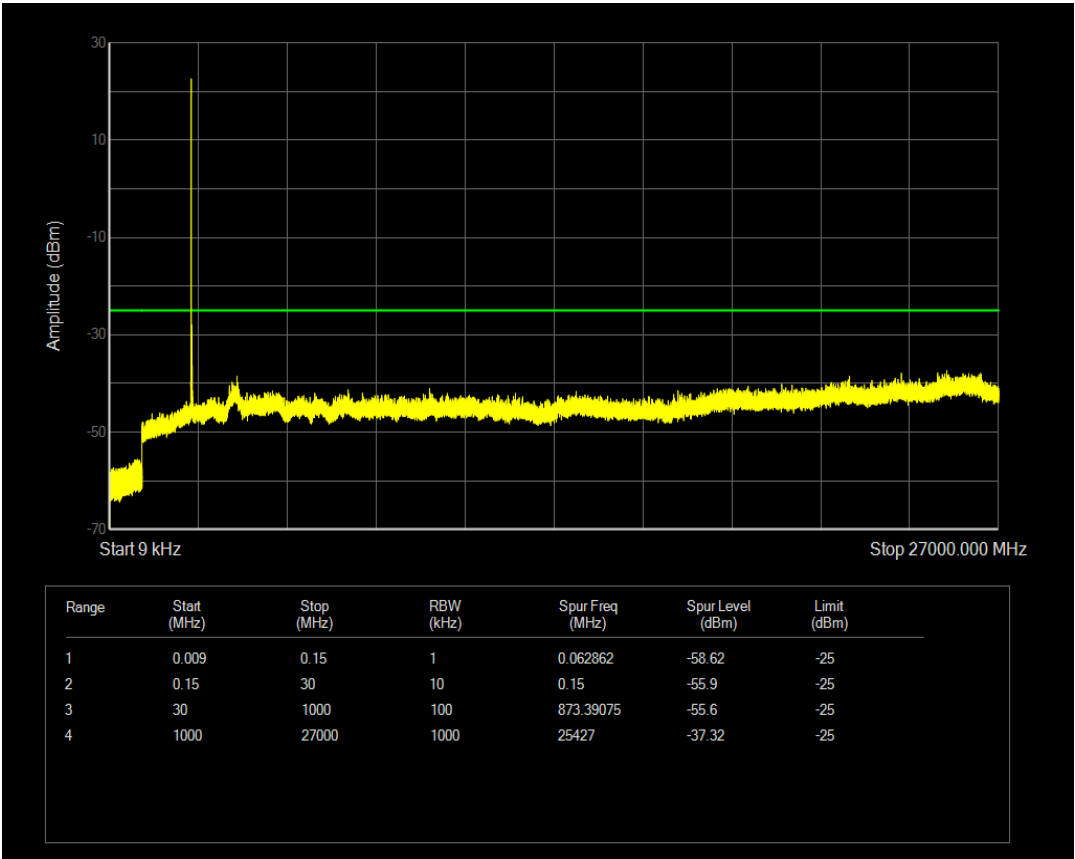
6 Out-of-band emissions for NR FR1

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	25792.30	-37.39	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	25427.00	-37.32	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	26387.70	-37.49	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	26286.95	-37.33	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	26067.90	-36.36	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	25935.95	-36.85	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	26138.10	-37.41	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	26043.20	-37.26	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	25788.40	-37.37	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	25948.95	-37.33	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	26223.90	-37.43	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	25949.60	-36.43	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	25500.45	-37.64	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	25733.15	-37.17	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	26015.25	-37.04	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	25837.80	-37.55	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	26034.10	-37.76	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	25966.50	-37.38	-25	PASS

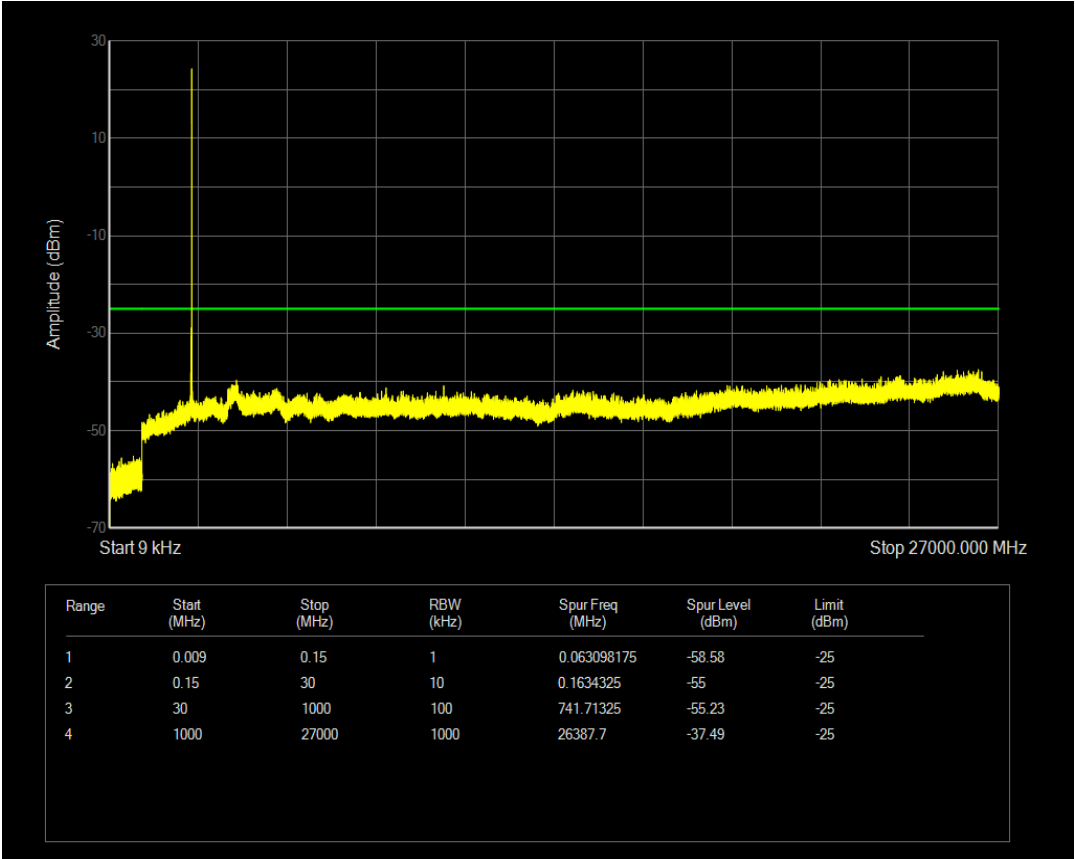
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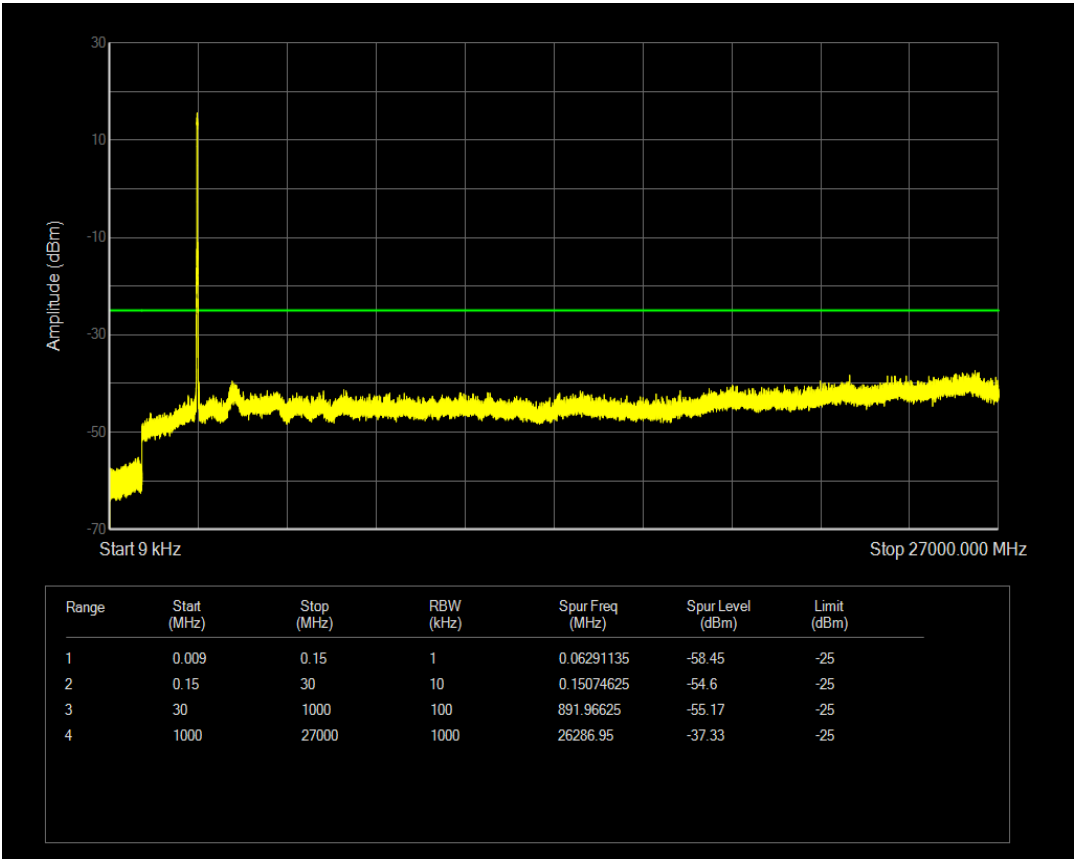
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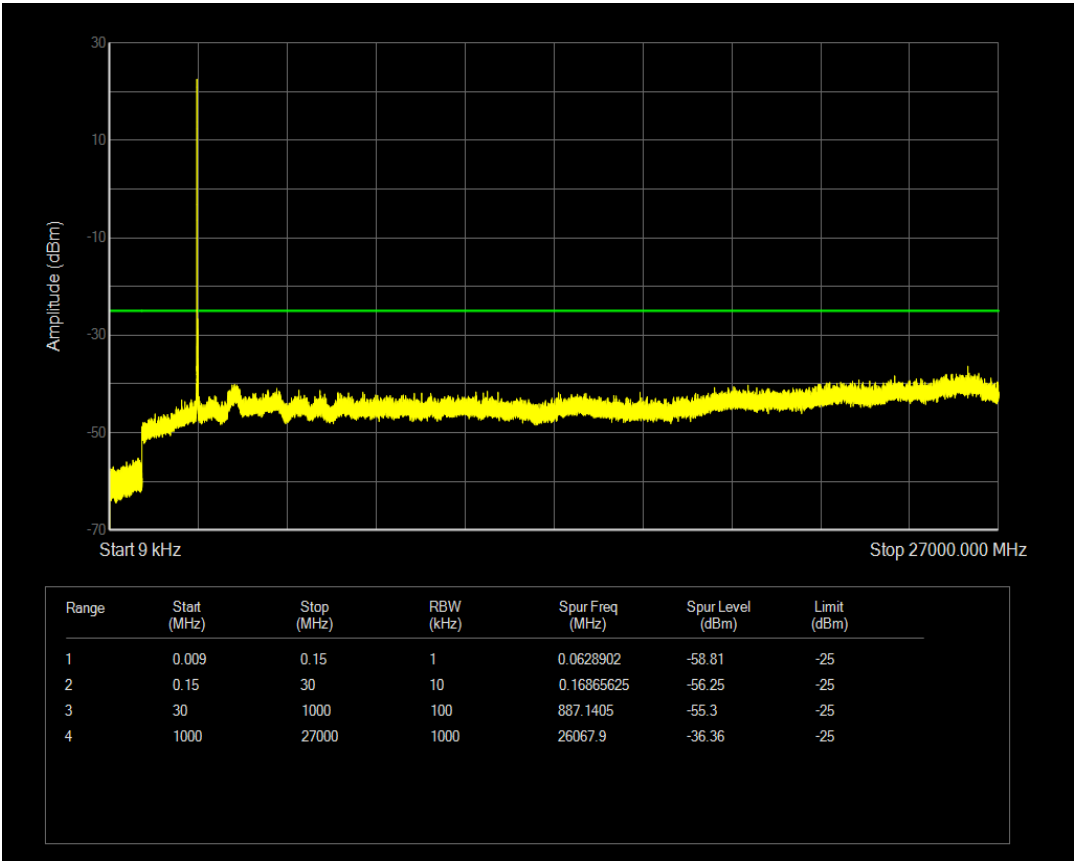
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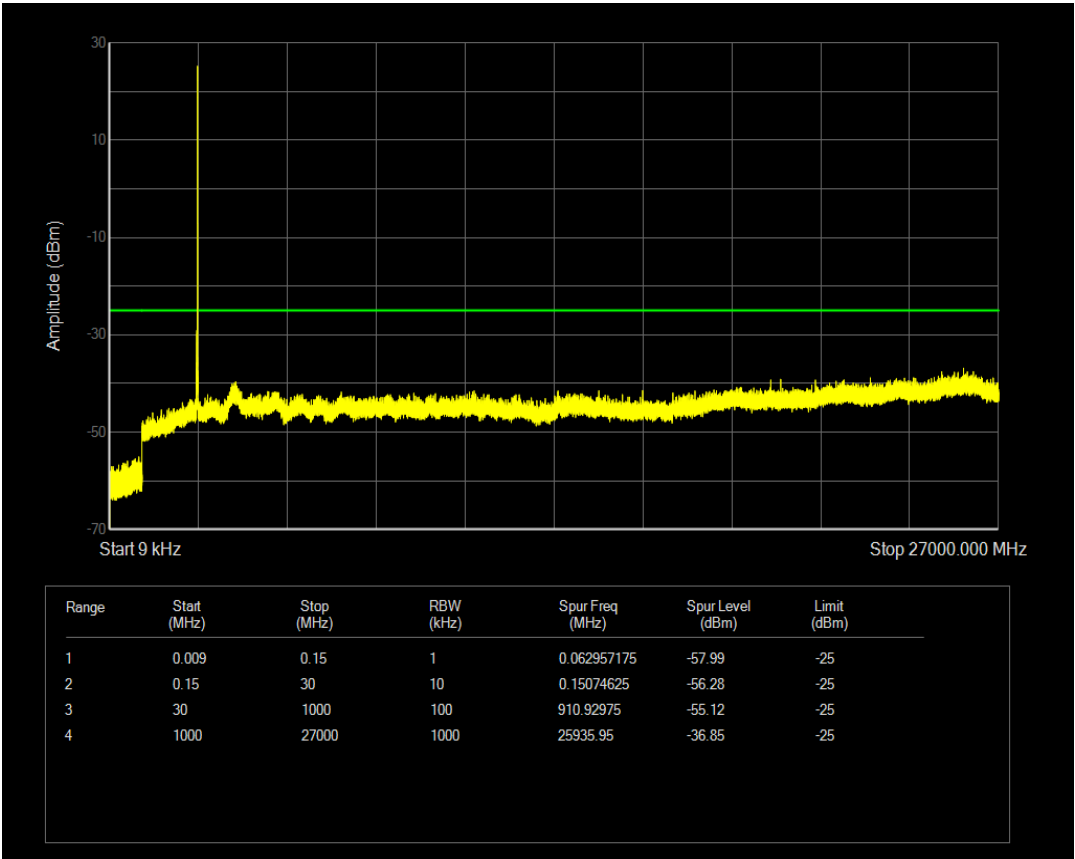
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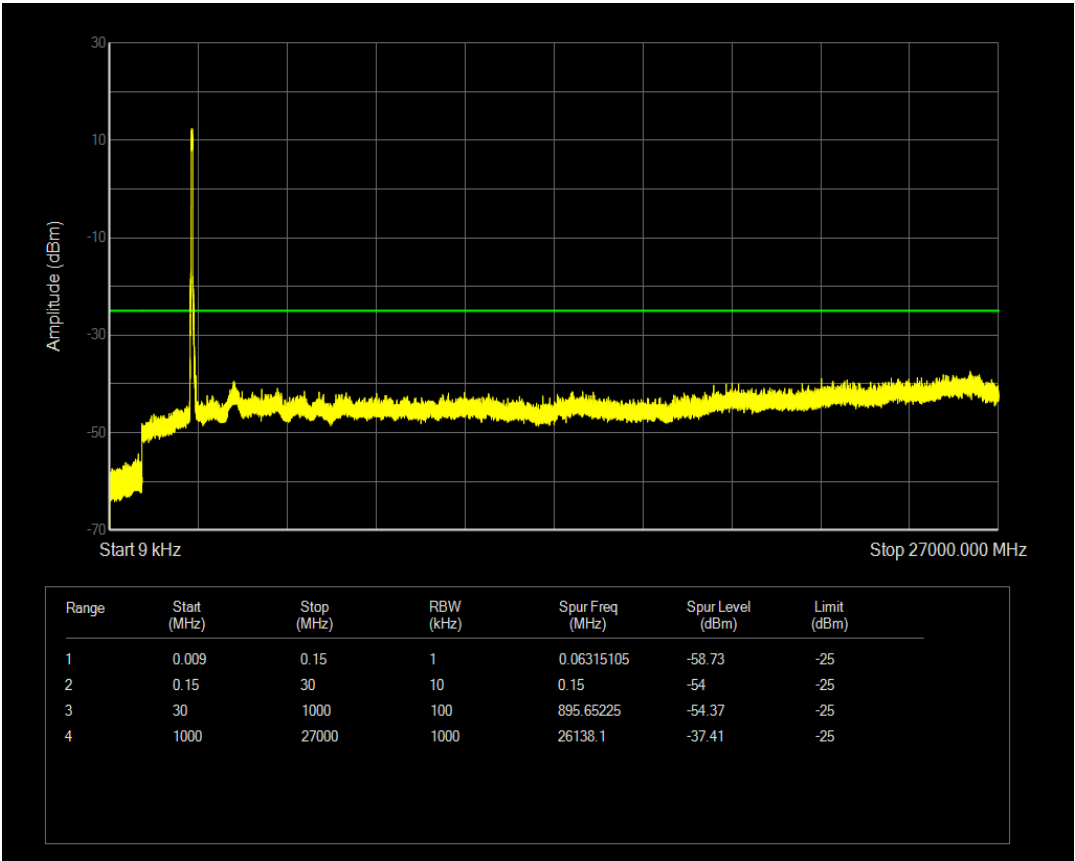
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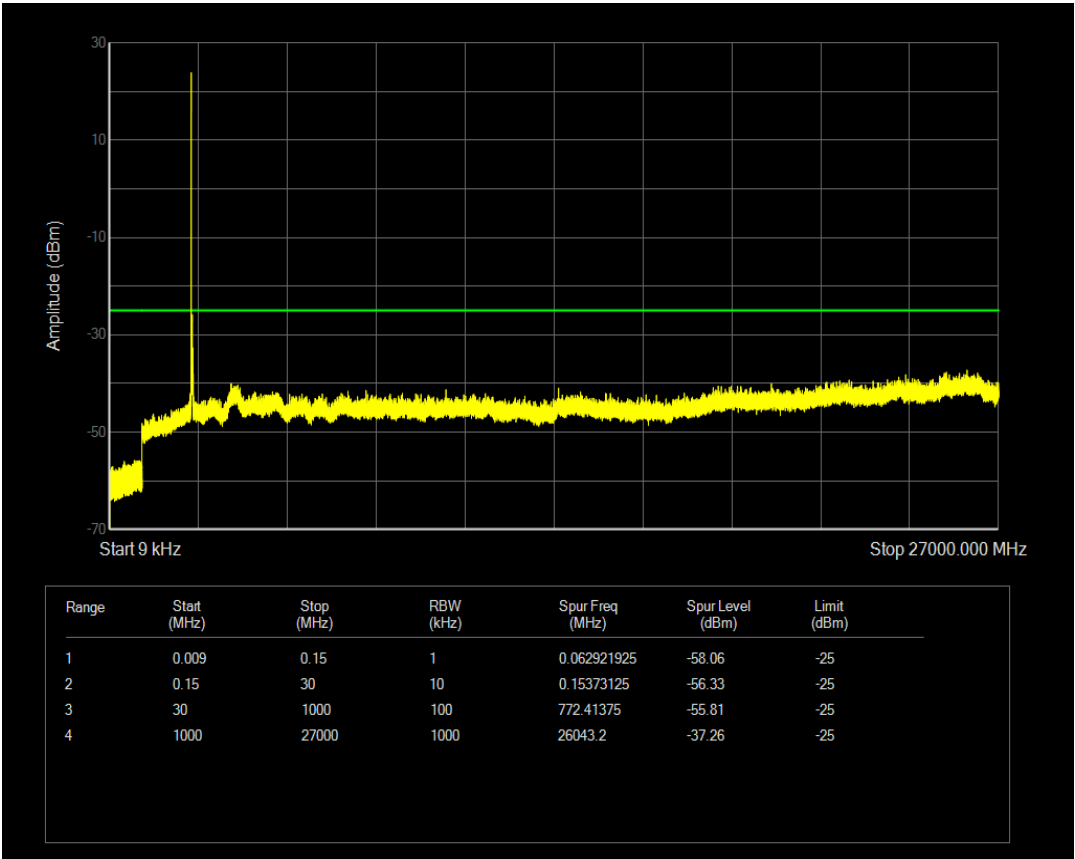
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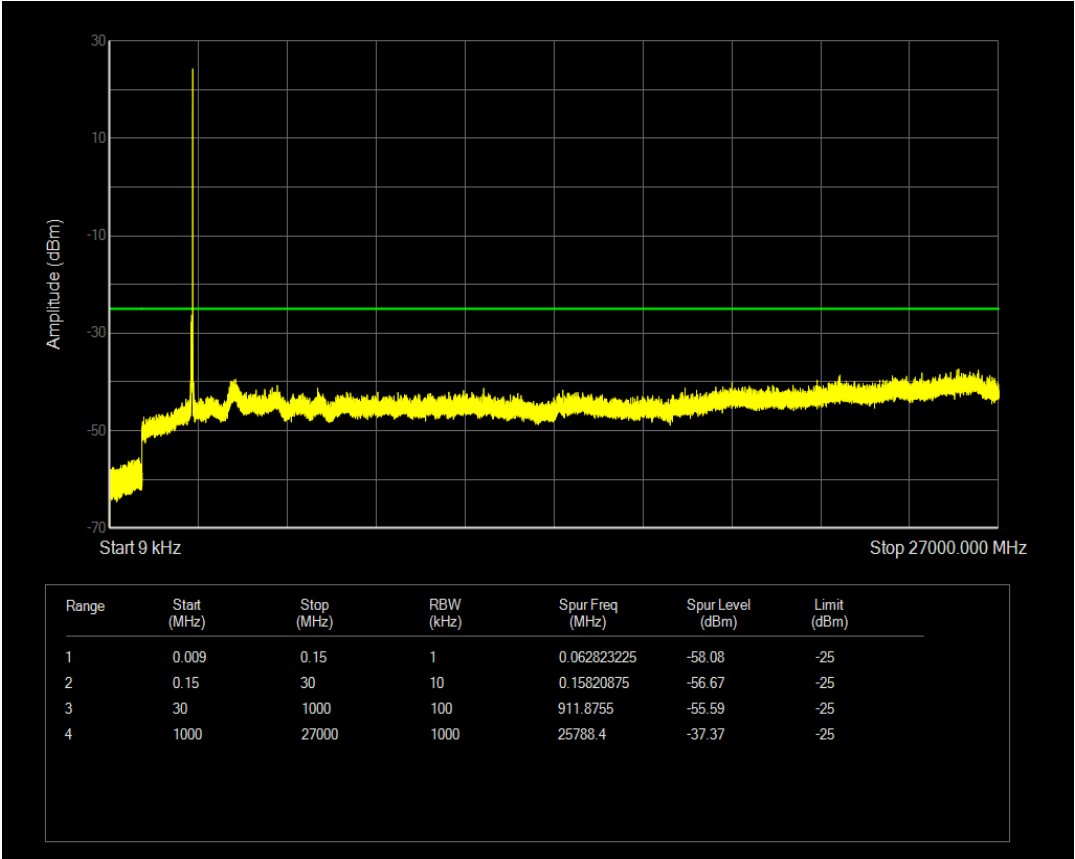
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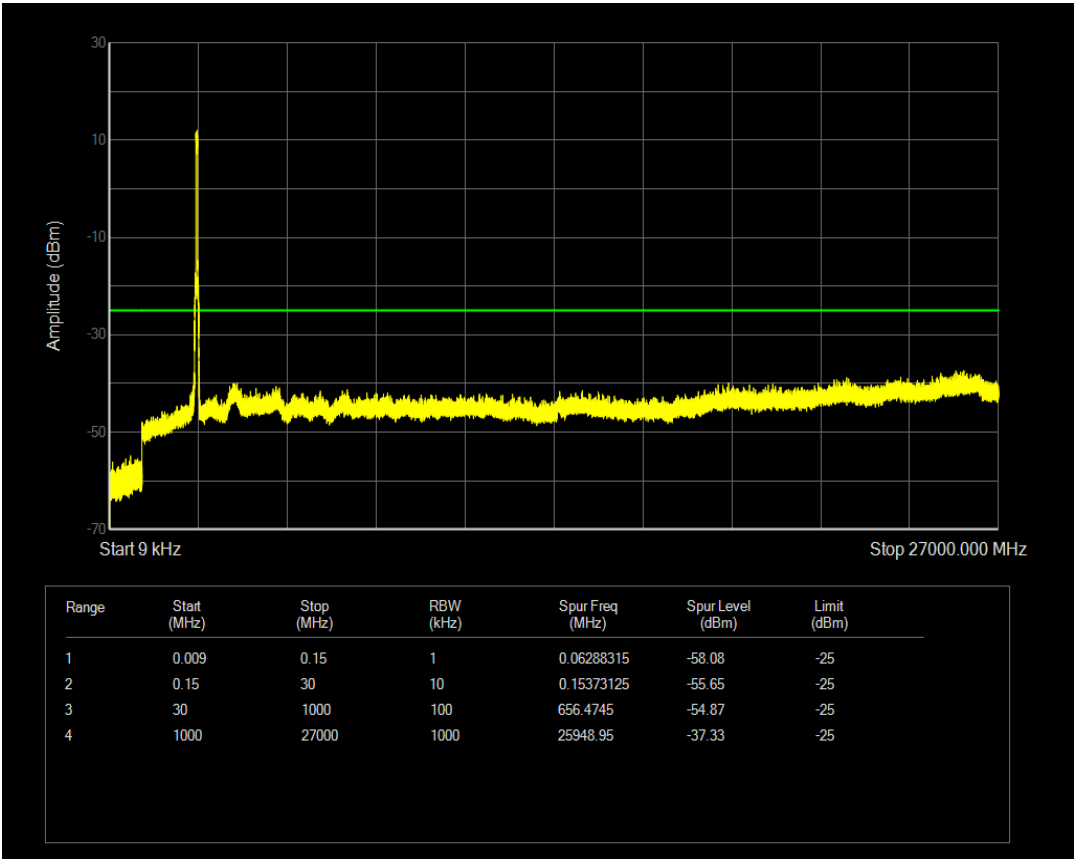
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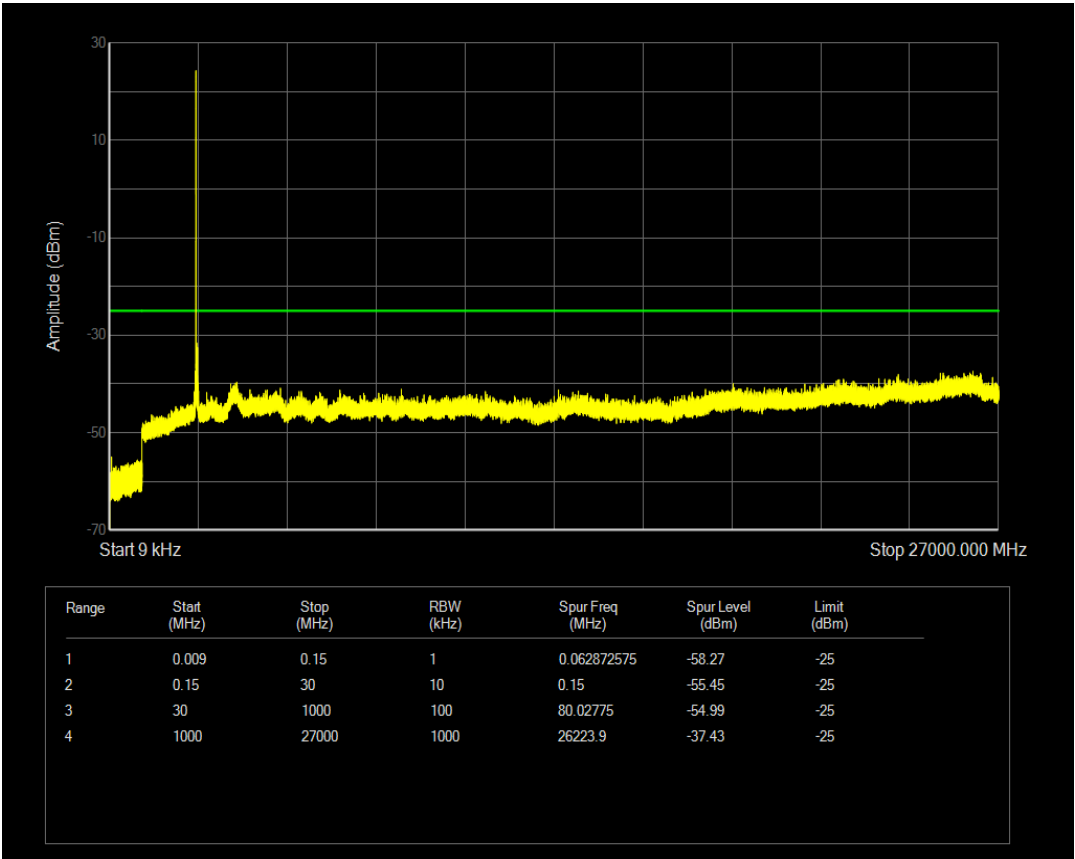
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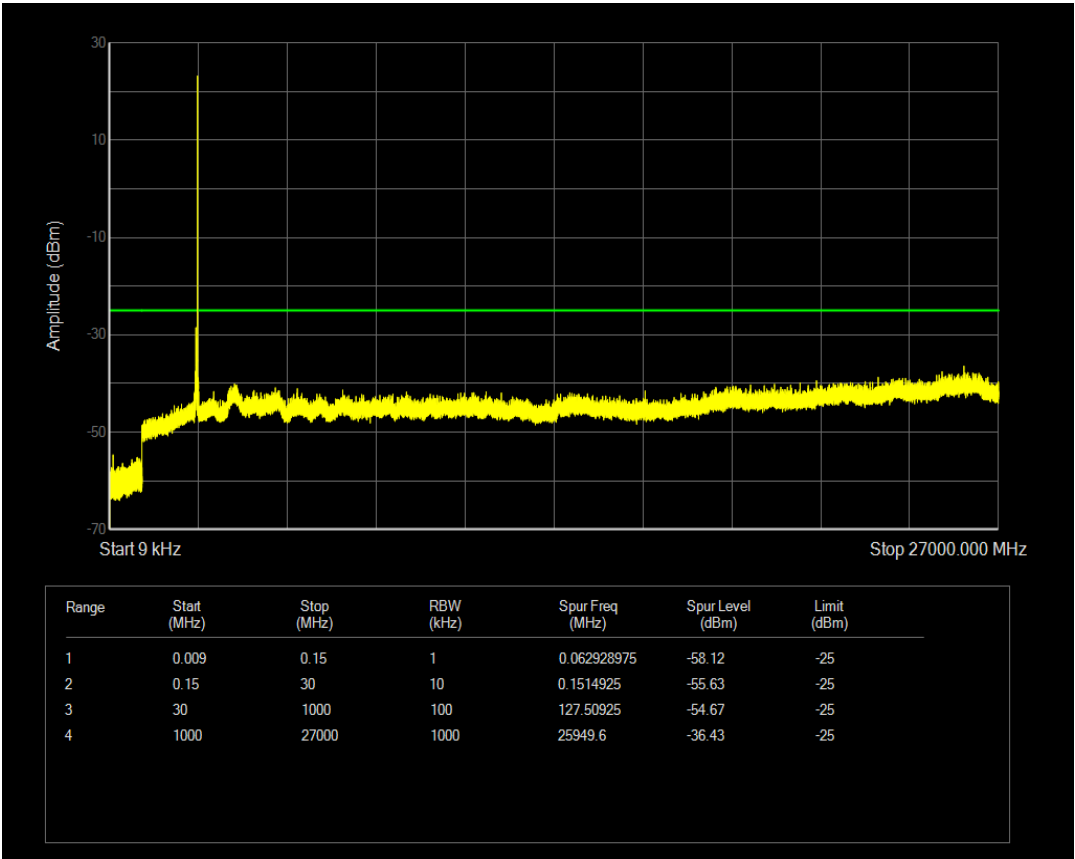
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@0



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



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

