

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	17.980	18.250	PASS
n41	30	20	518598	50@0	DFT_QPSK	17.950	18.210	PASS
n41	30	20	518598	50@0	DFT_QAM16	17.980	18.260	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.040	18.290	PASS
n41	30	20	518598	50@0	DFT_QAM256	18.040	18.250	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.450	36.340	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.450	36.320	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.450	36.310	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.400	36.310	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.400	36.250	PASS
n41	30	50	518598	128@0	DFT_BPSK	46.950	46.440	PASS
n41	30	50	518598	128@0	DFT_QPSK	47.010	46.460	PASS
n41	30	50	518598	128@0	DFT_QAM16	47.020	46.420	PASS
n41	30	50	518598	128@0	DFT_QAM64	46.810	46.450	PASS
n41	30	50	518598	128@0	DFT_QAM256	46.870	46.360	PASS
n41	30	60	518598	162@0	DFT_BPSK	57.790	58.630	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.760	58.690	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.770	58.600	PASS
n41	30	60	518598	162@0	DFT_QAM64	57.780	58.620	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.720	58.670	PASS
n41	30	80	518598	216@0	DFT_BPSK	76.950	78.070	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.060	78.020	PASS
n41	30	80	518598	216@0	DFT_QAM16	77.060	78.030	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.140	78.060	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.060	78.050	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.690	86.700	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.790	86.780	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.570	86.740	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.770	86.770	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.800	86.770	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.850	97.510	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.720	97.440	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.860	97.510	PASS
n41	30	100	518598	270@0	DFT_QAM64	96.730	97.490	PASS
n41	30	100	518598	270@0	DFT_QAM256	97.000	97.440	PASS

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=20MHz Channel=518598 RB=50@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_QAM16 BW=100MHz Channel=518598 RB=270@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=50MHz Channel=518598 RB=128@0



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



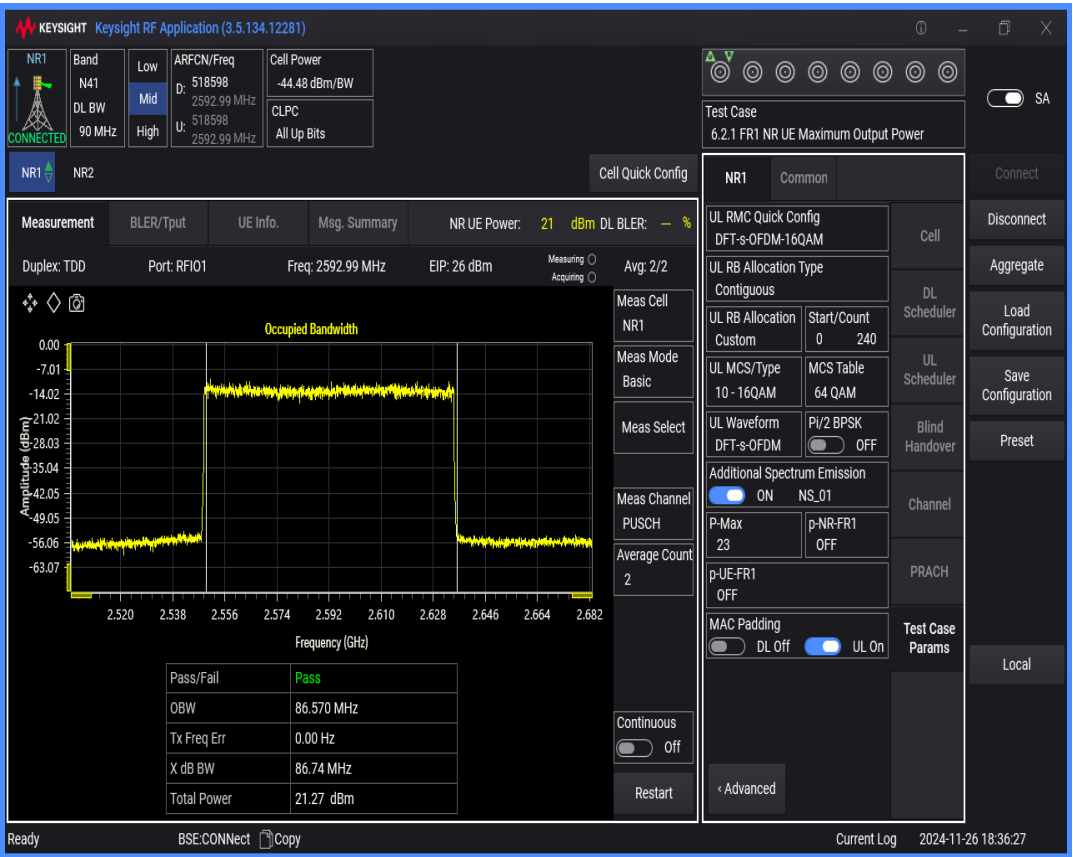
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n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



Meas Cell

NR1

Meas Mode

Basic

Meas Select

Meas Channel

PUSCH

Average Count

2

Continuous

Off

Restart

NR1

Common

UL RMC Quick Config

DFT-s-OFDM-QPSK

UL RB Allocation Type

Contiguous

UL RB Allocation

Custom

Start/Count

0 128

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 Off

UL On

Test Case Params

Advanced

Connect

Disconnect

Aggregate

Load Configuration

Save Configuration

Preset

Channel

PRACH

Local

Ready

BSE.CONNECT

Copy

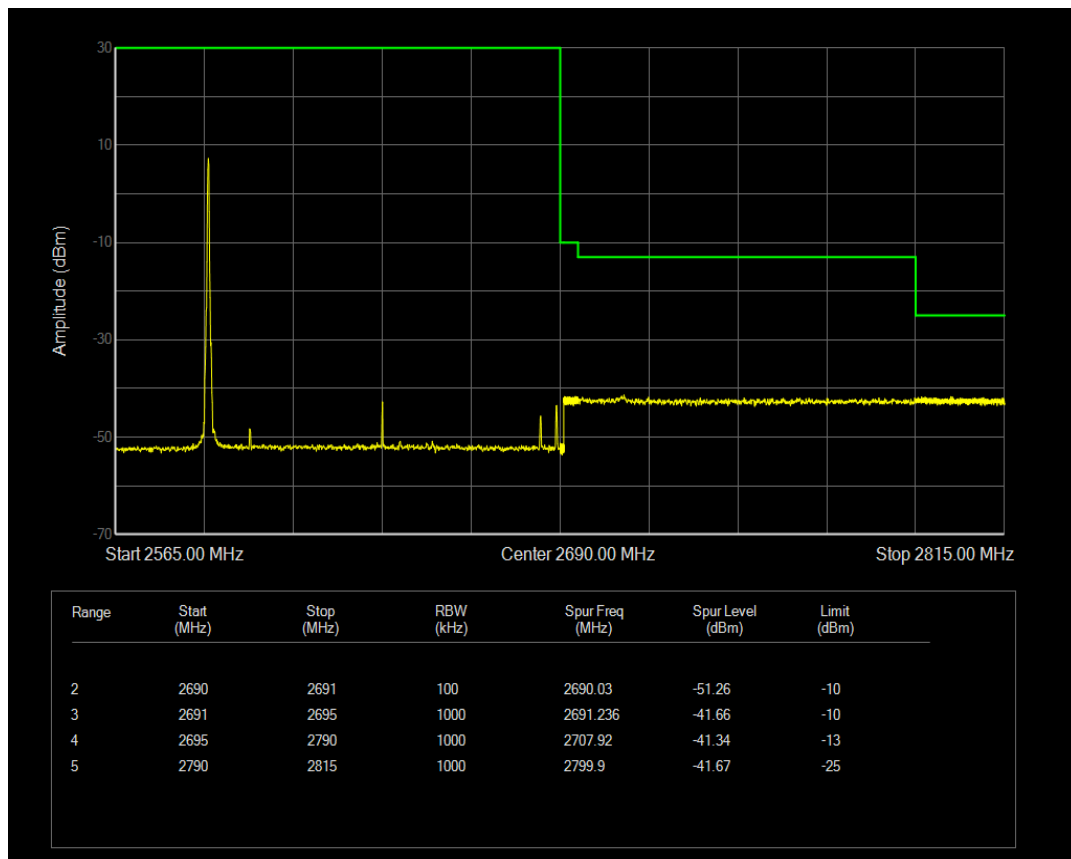
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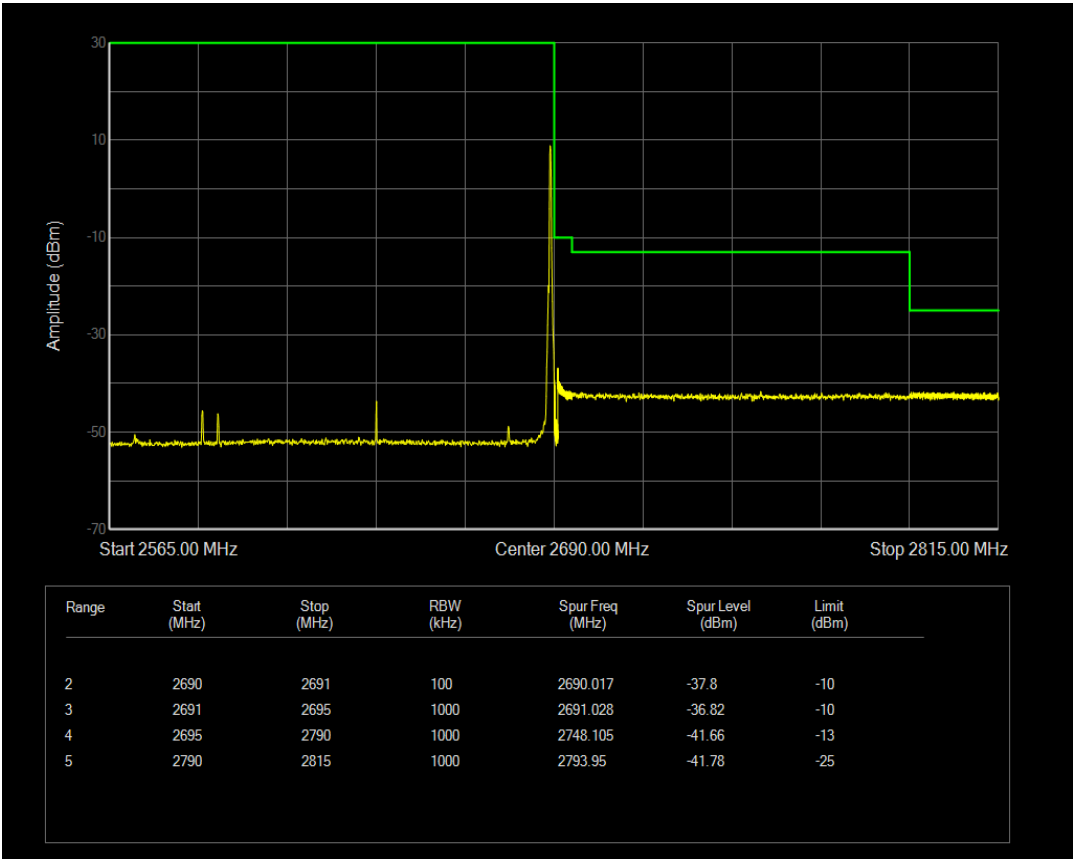
5 Band edge for NR FR1

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	2489.93	-37.18	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	2484.16	-41.65	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	2485.41	-41.47	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	2710.12	-41.52	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	2711.32	-41.67	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	2711.84	-41.56	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	2489.30	-39.81	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	2453.11	-41.87	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	2482.75	-41.63	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	2690.01	-26.47	-10	PASS
n41	30	50	532998	1@0	CP_QPSK	2746.83	-41.84	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	2751.93	-41.66	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	2496.00	-21.50	-13	PASS
n41	30	100	509202	1@0	CP_QPSK	2460.51	-41.53	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	2488.35	-41.52	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	2690.00	-22.60	-10	PASS
n41	30	100	528000	1@0	CP_QPSK	2799.90	-41.67	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	2793.95	-41.78	-25	PASS

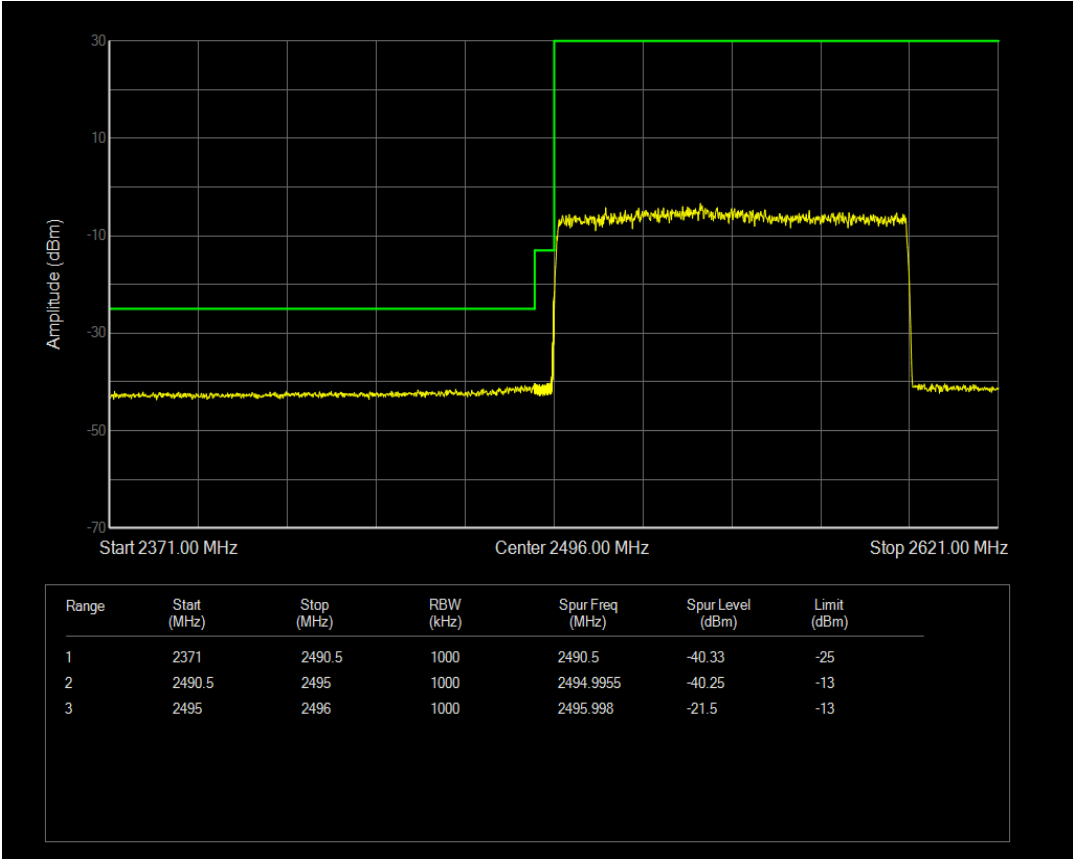
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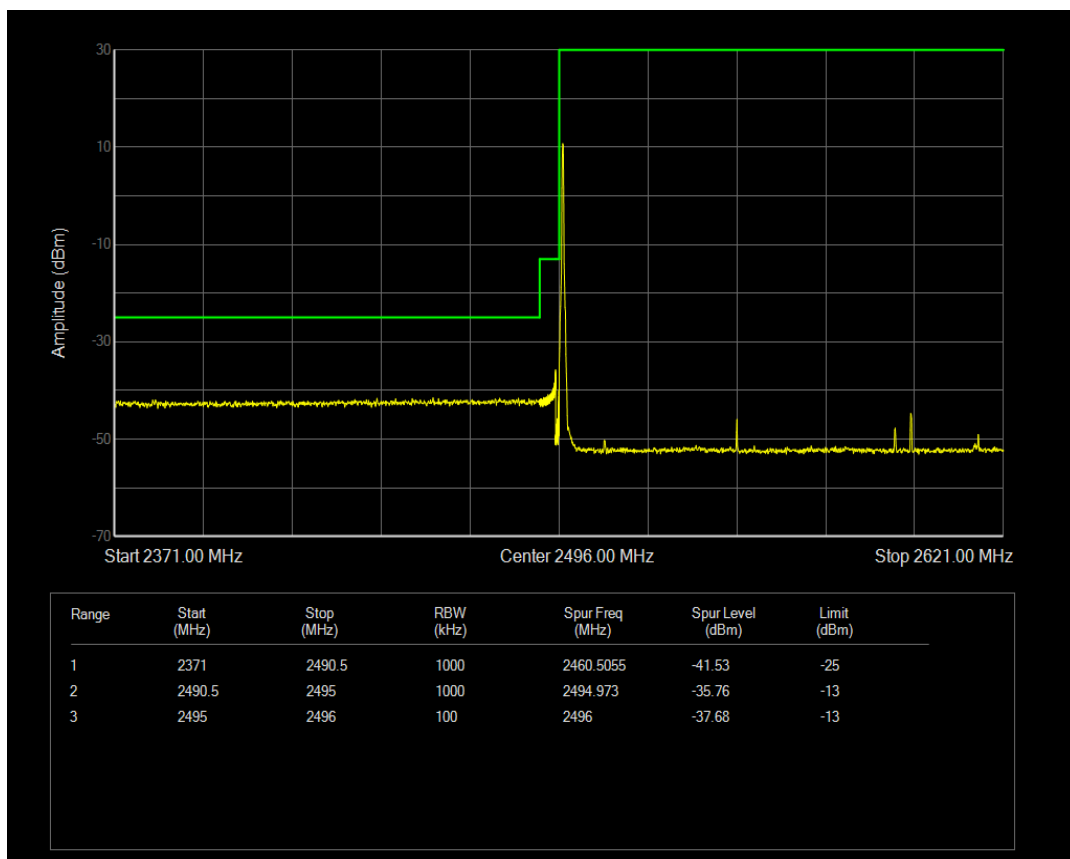
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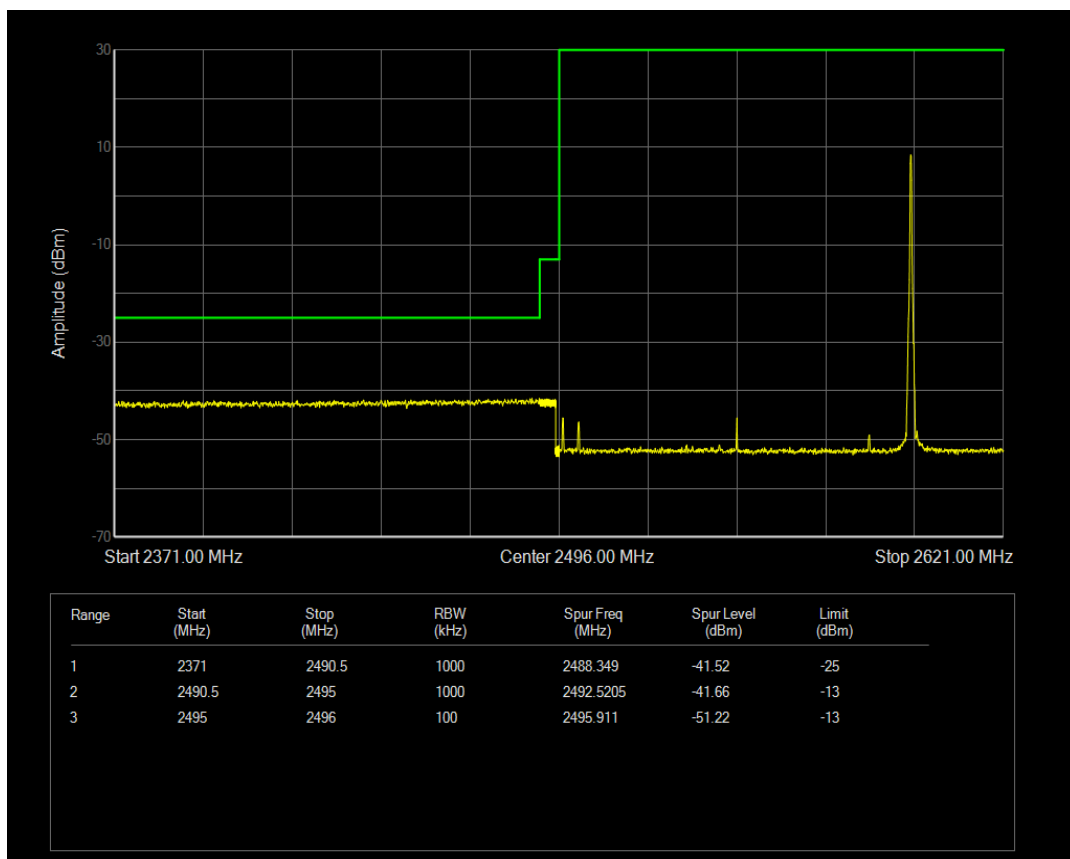
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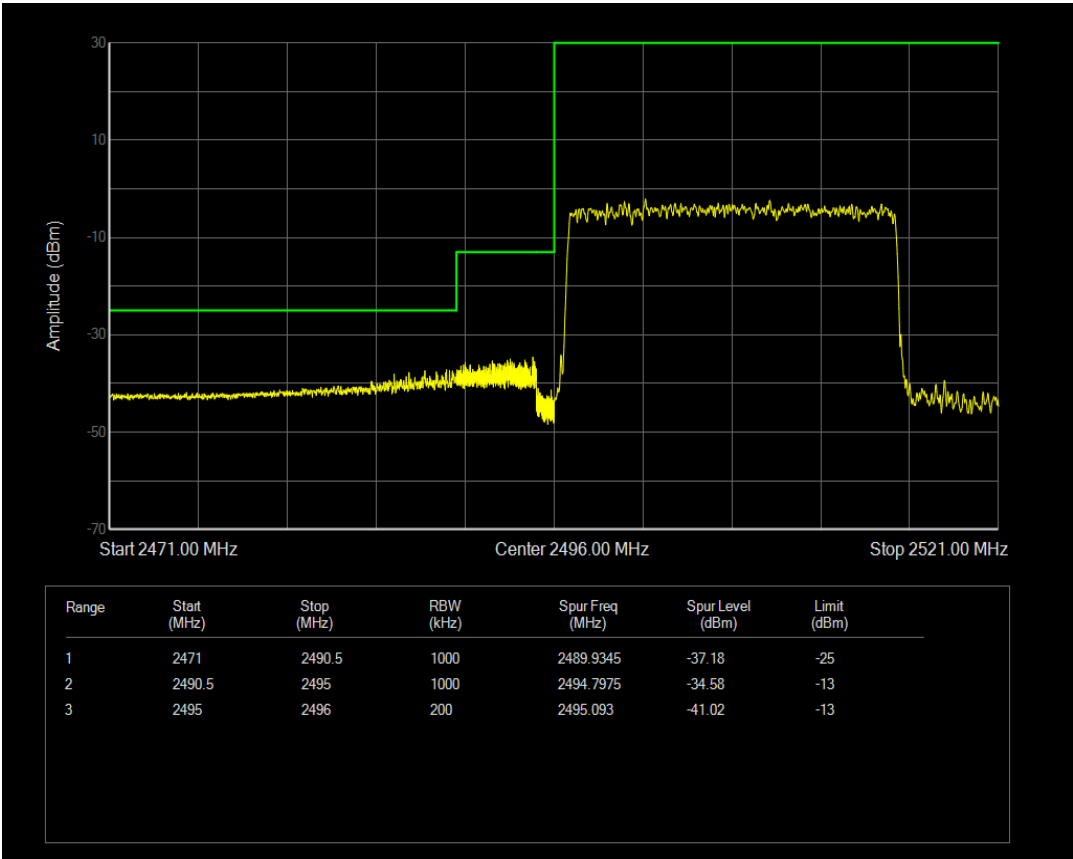
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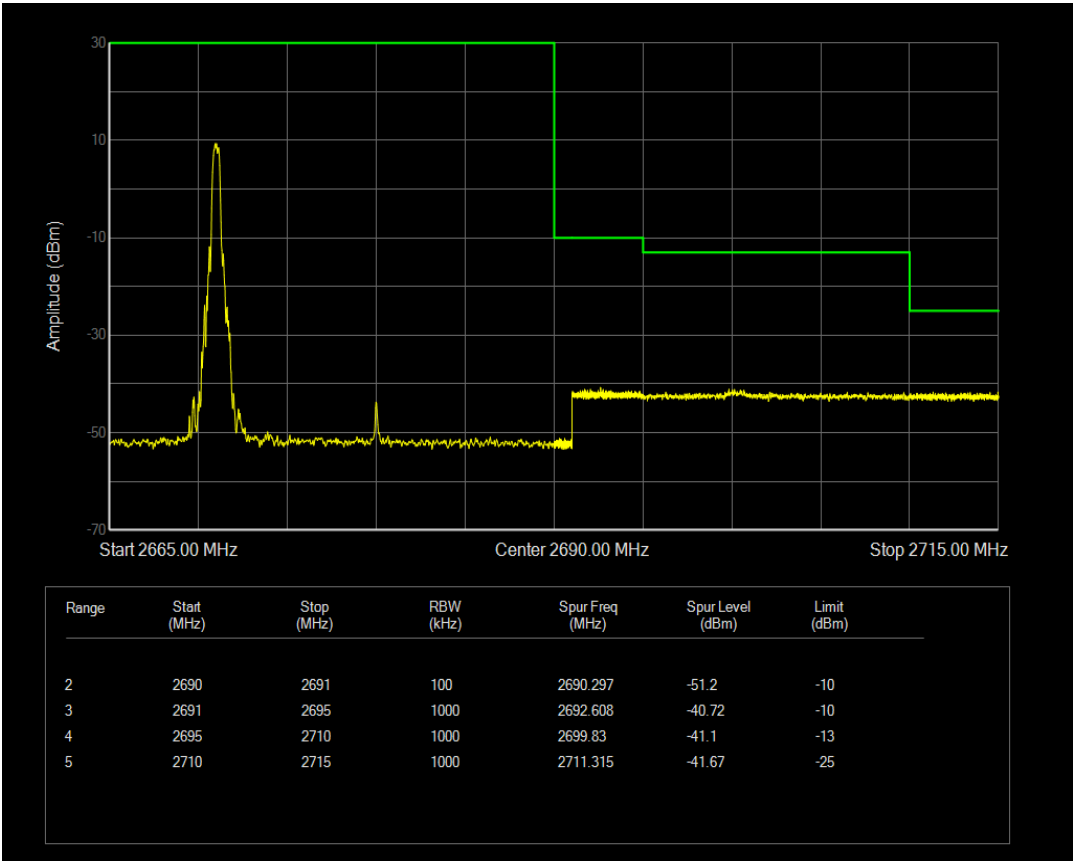
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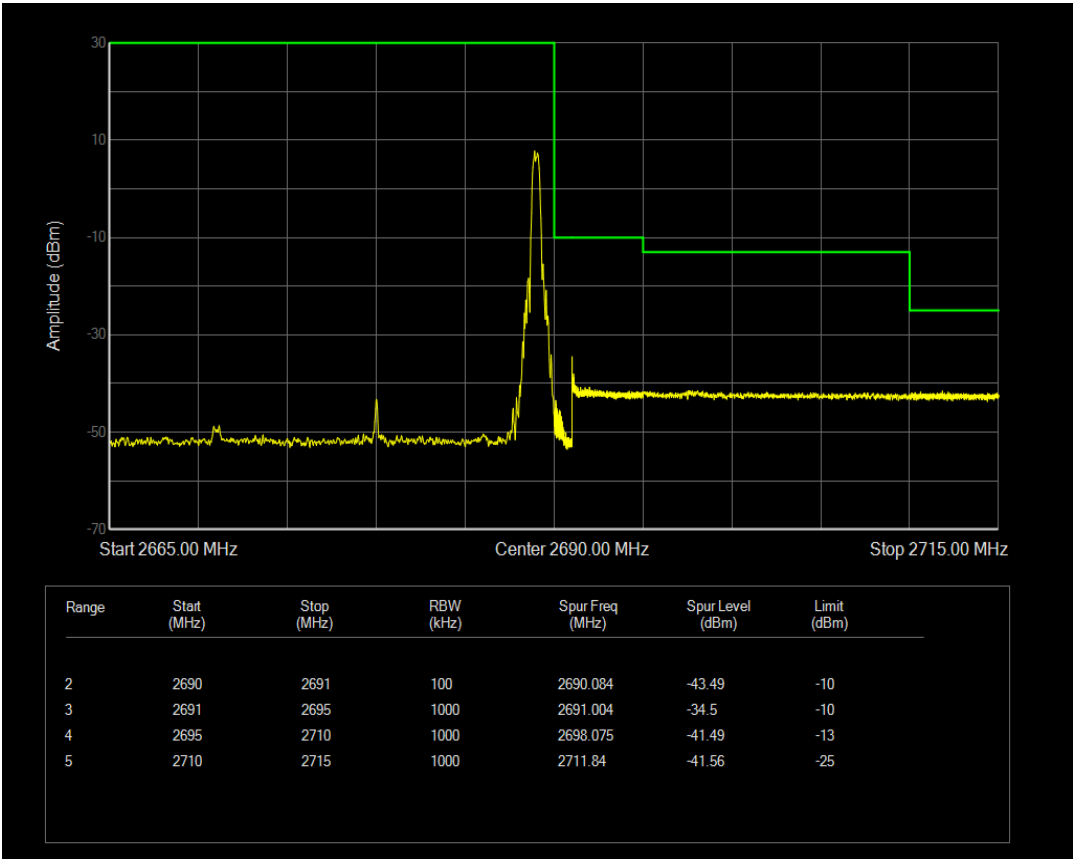
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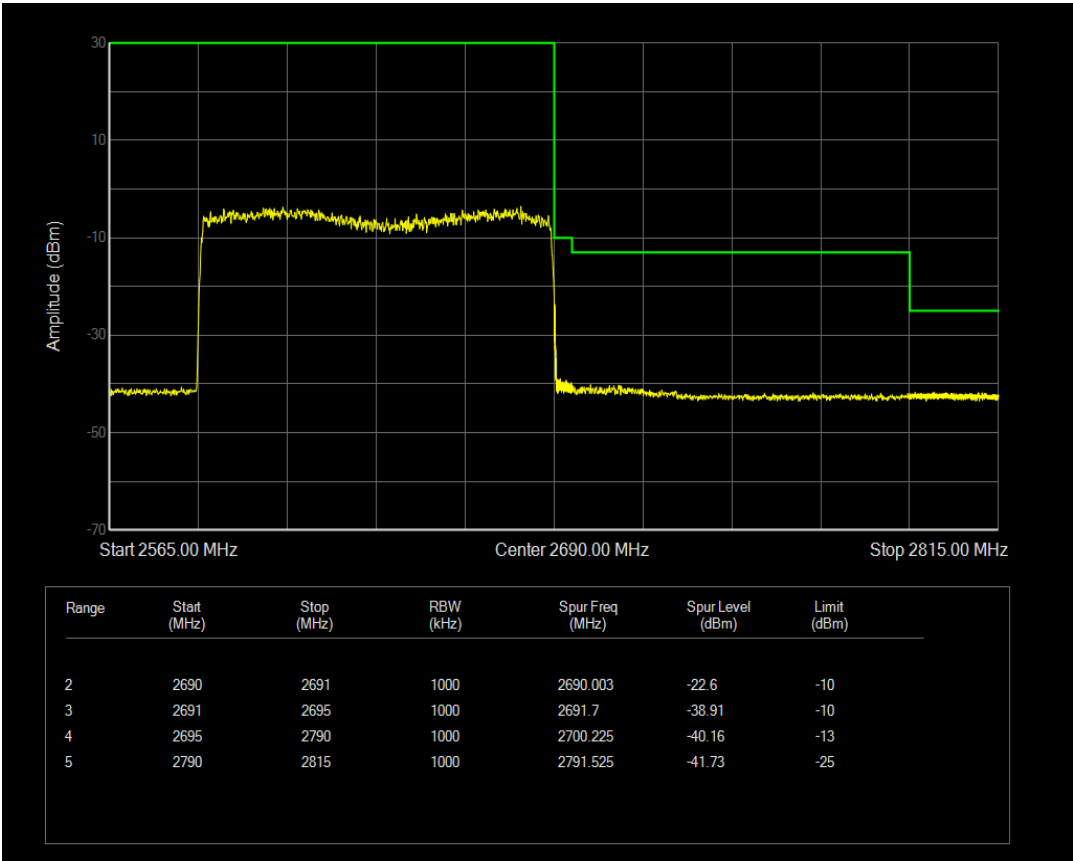
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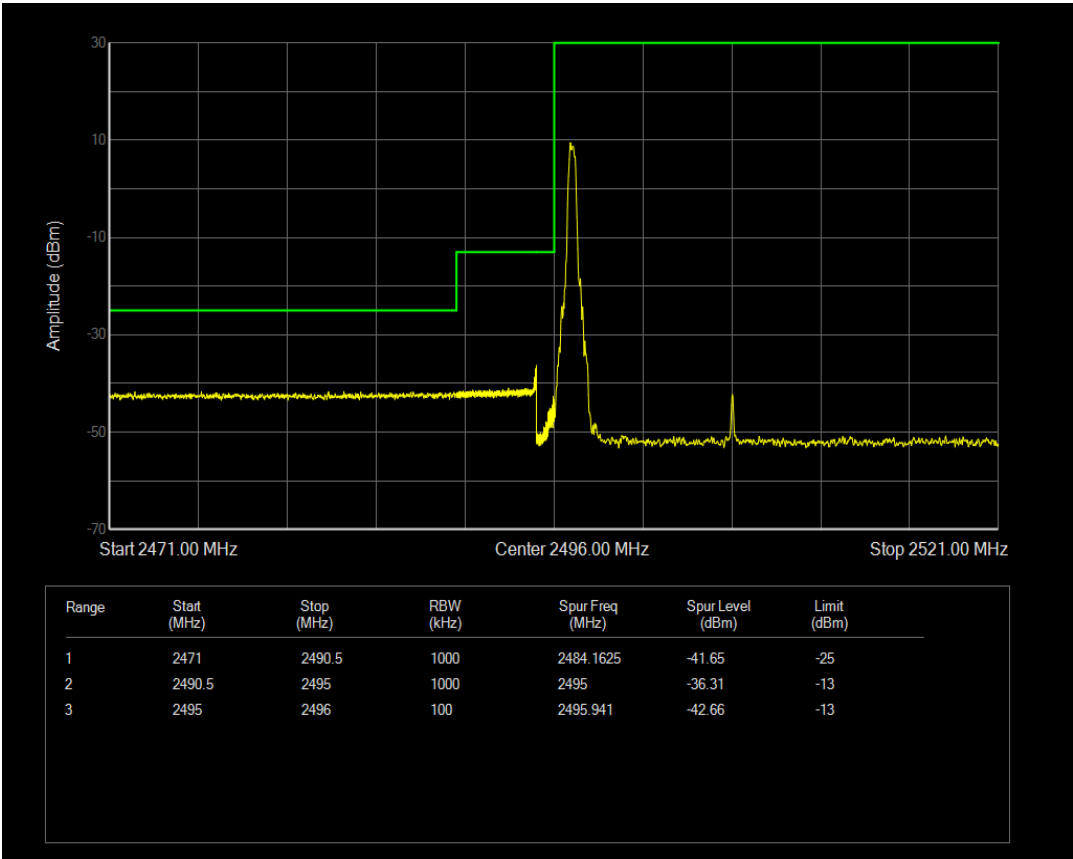
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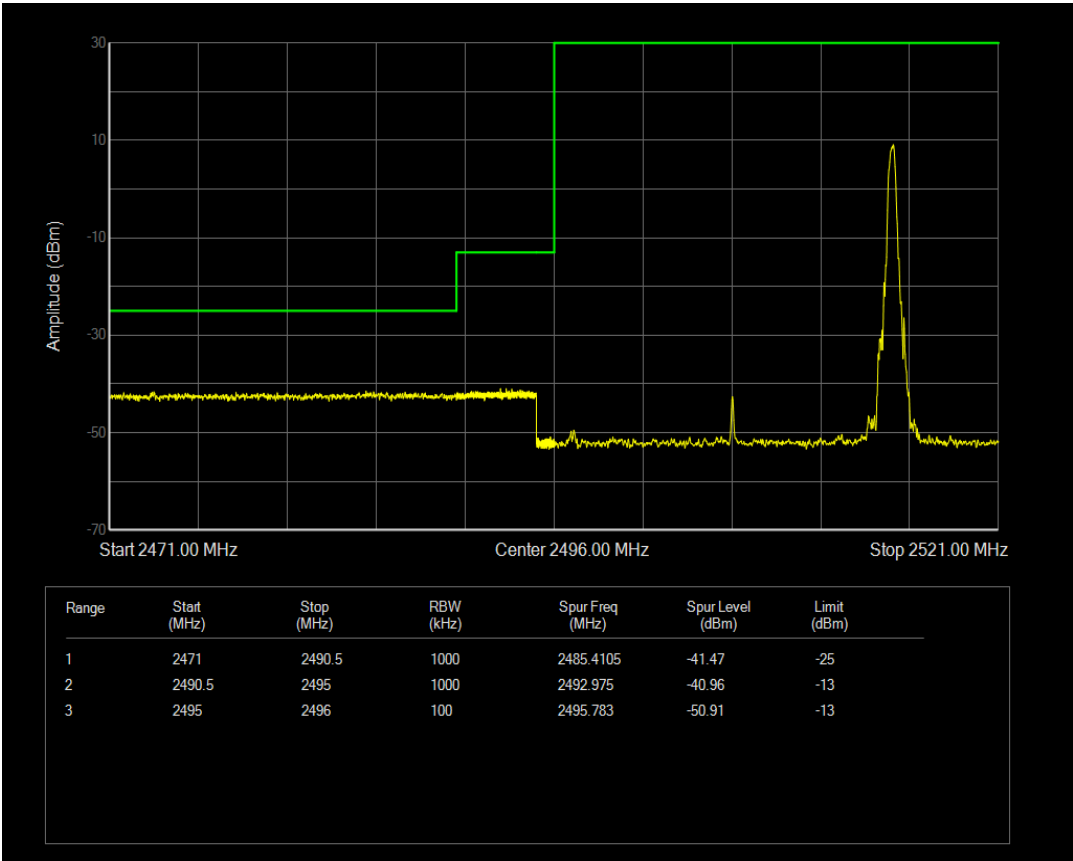
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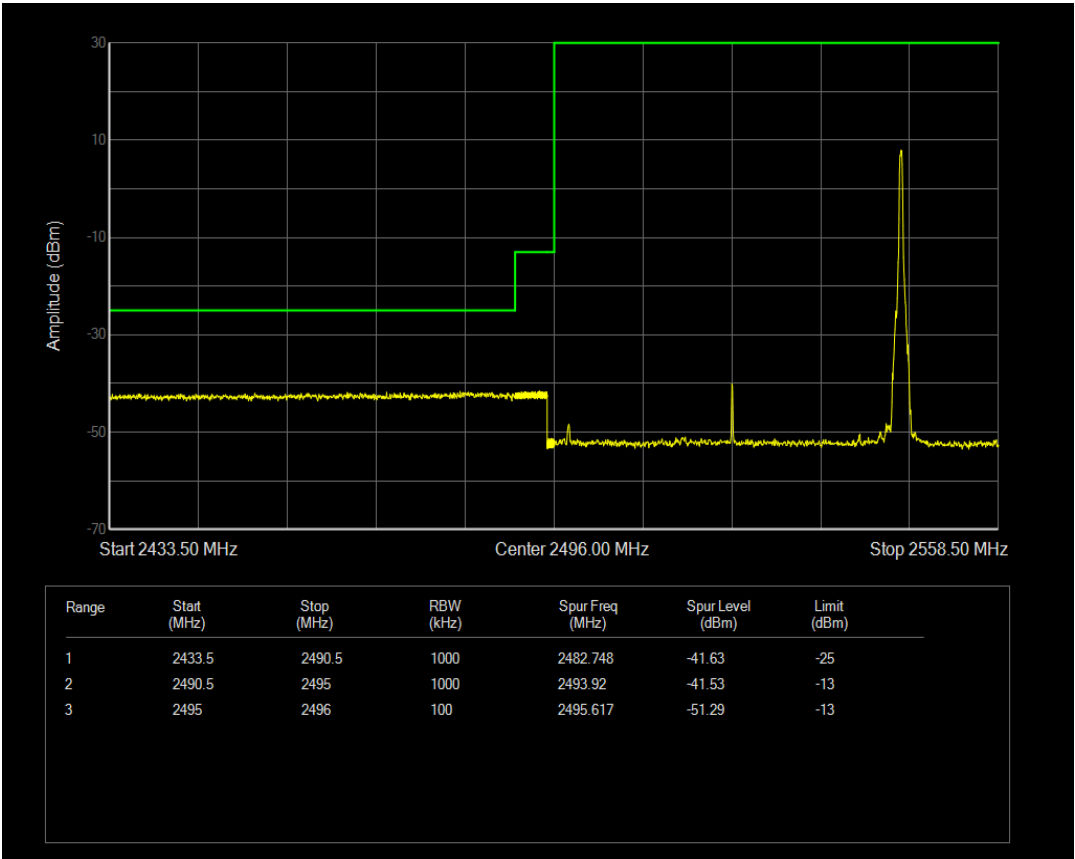
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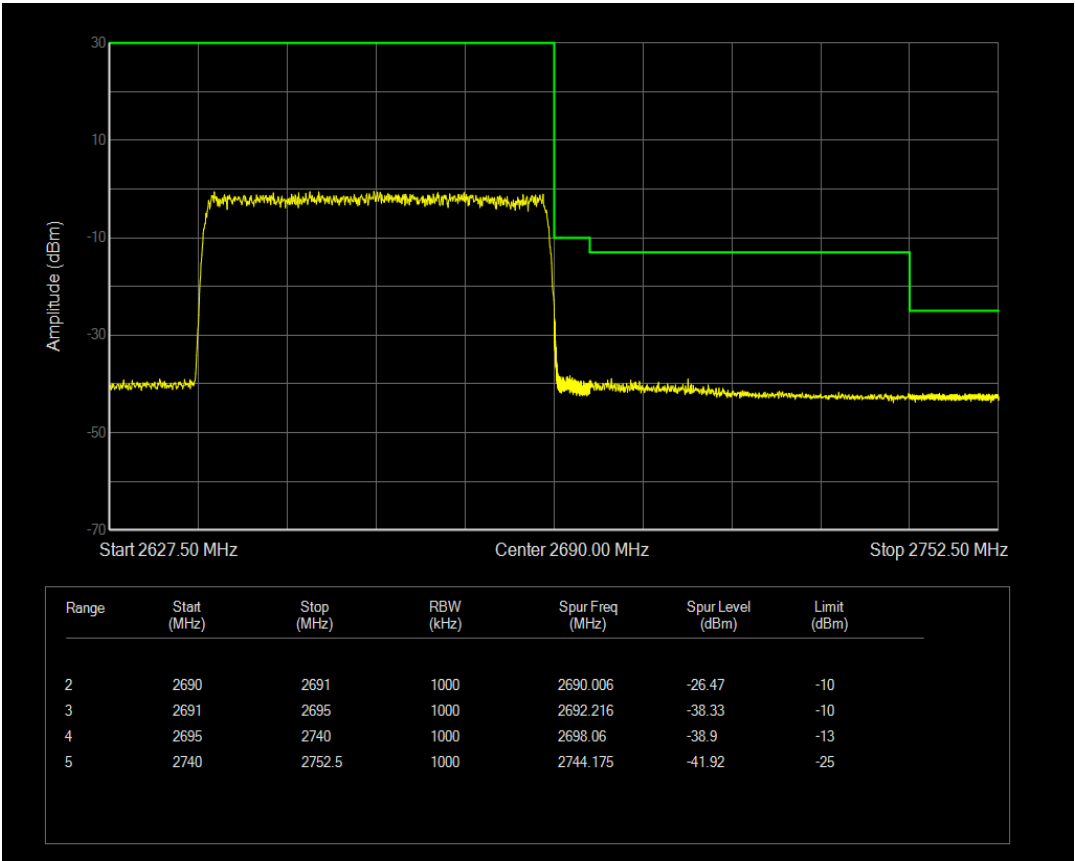
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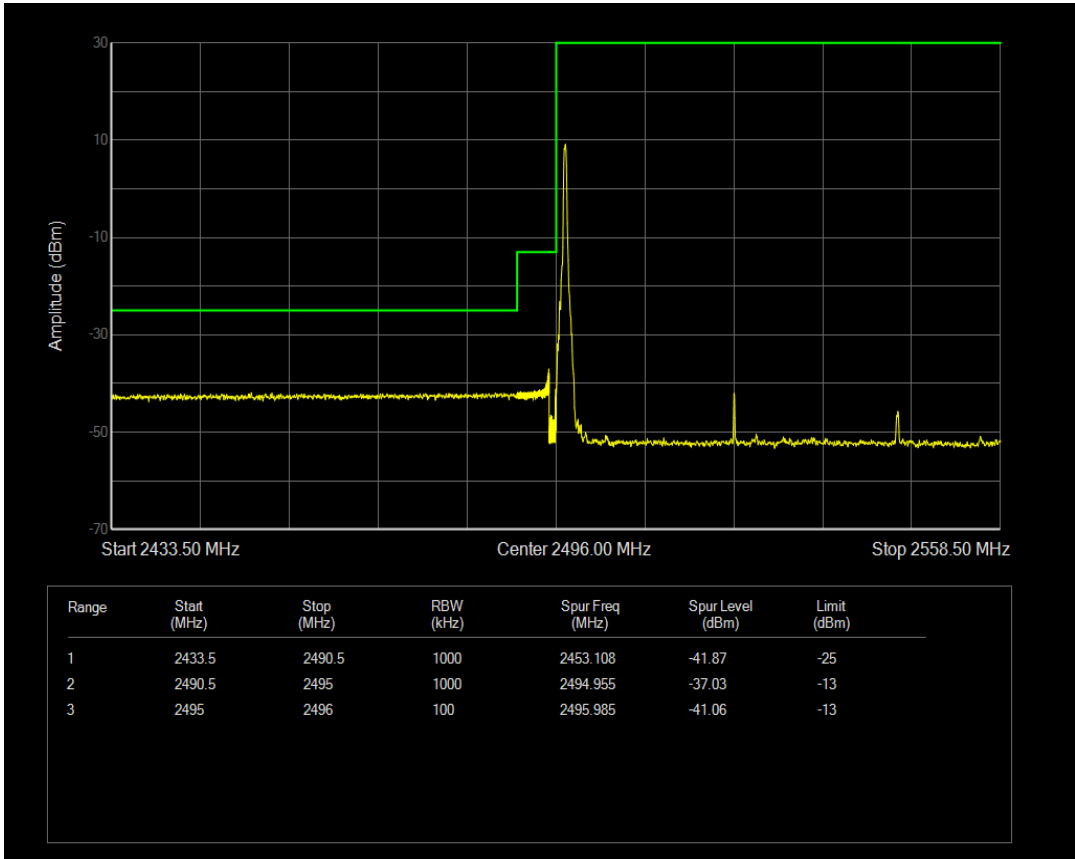
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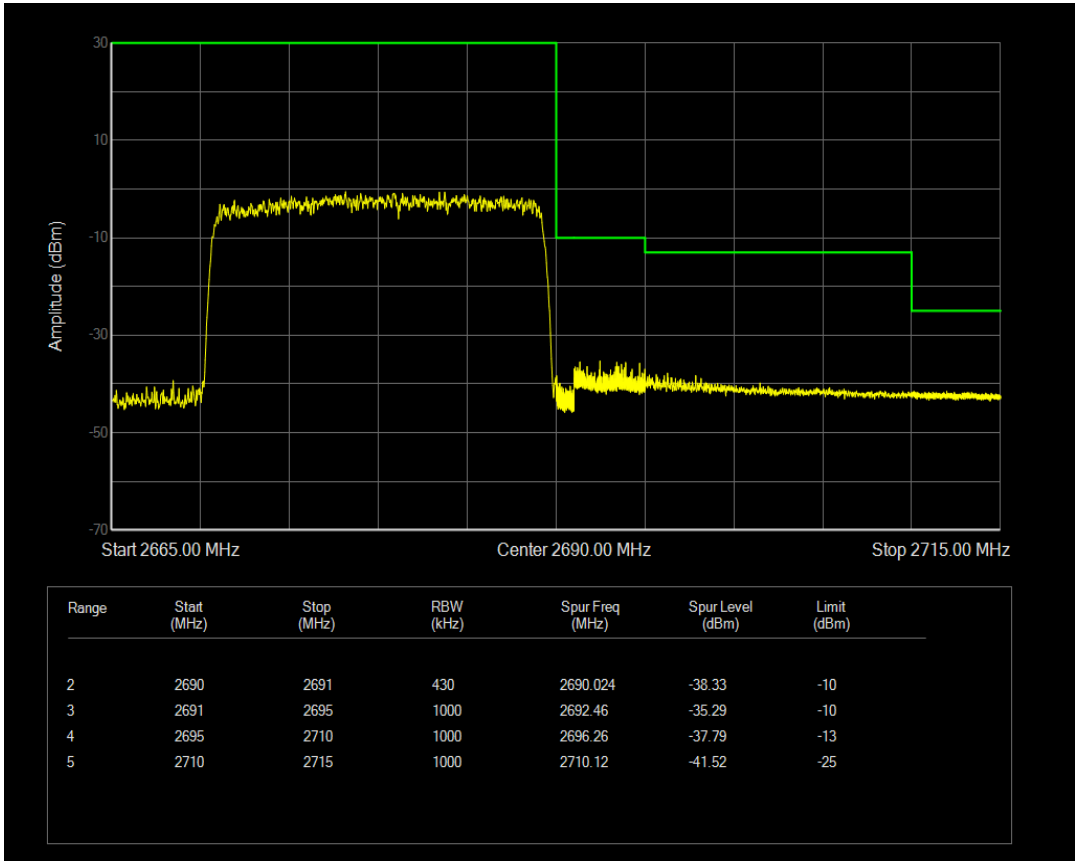
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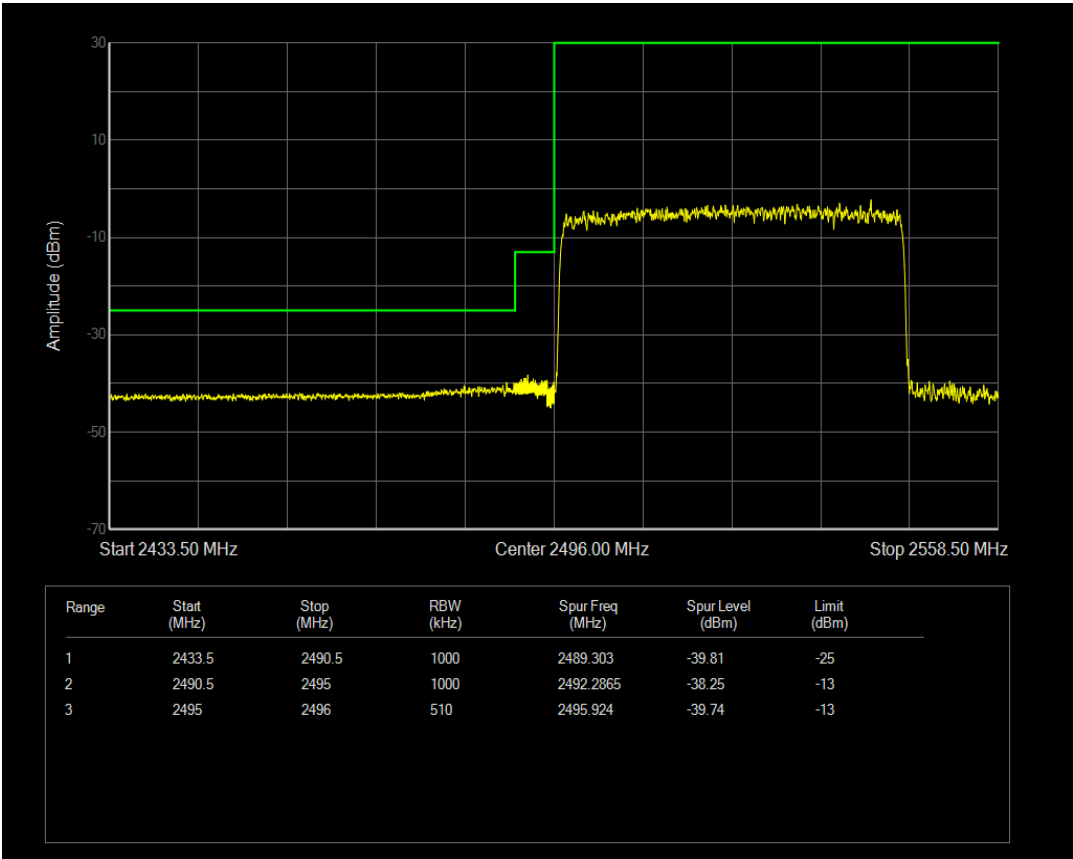
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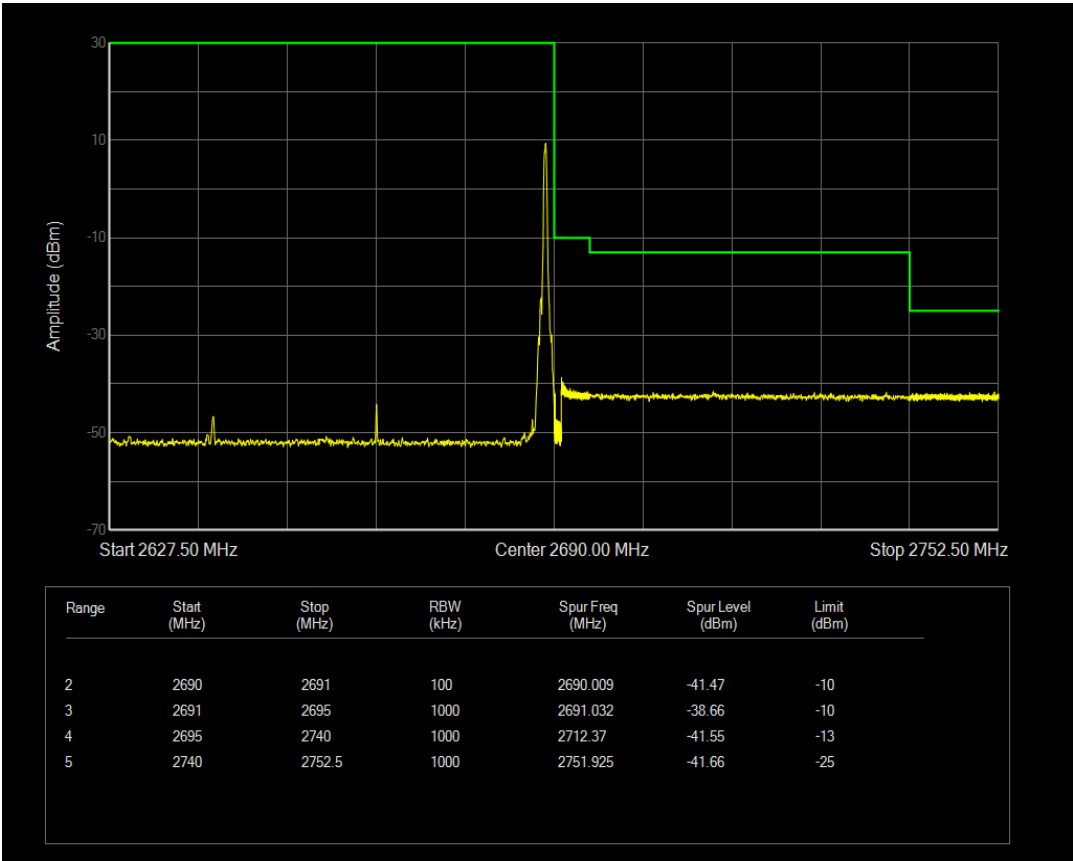
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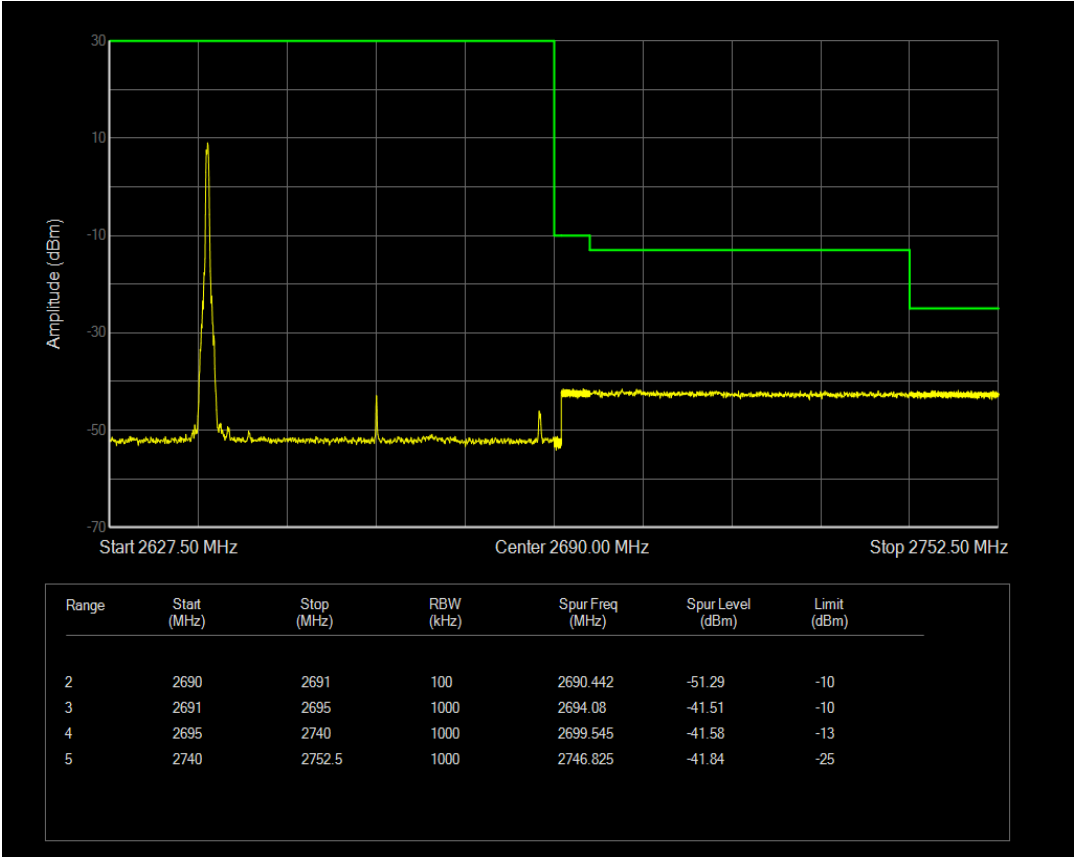
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=1@132



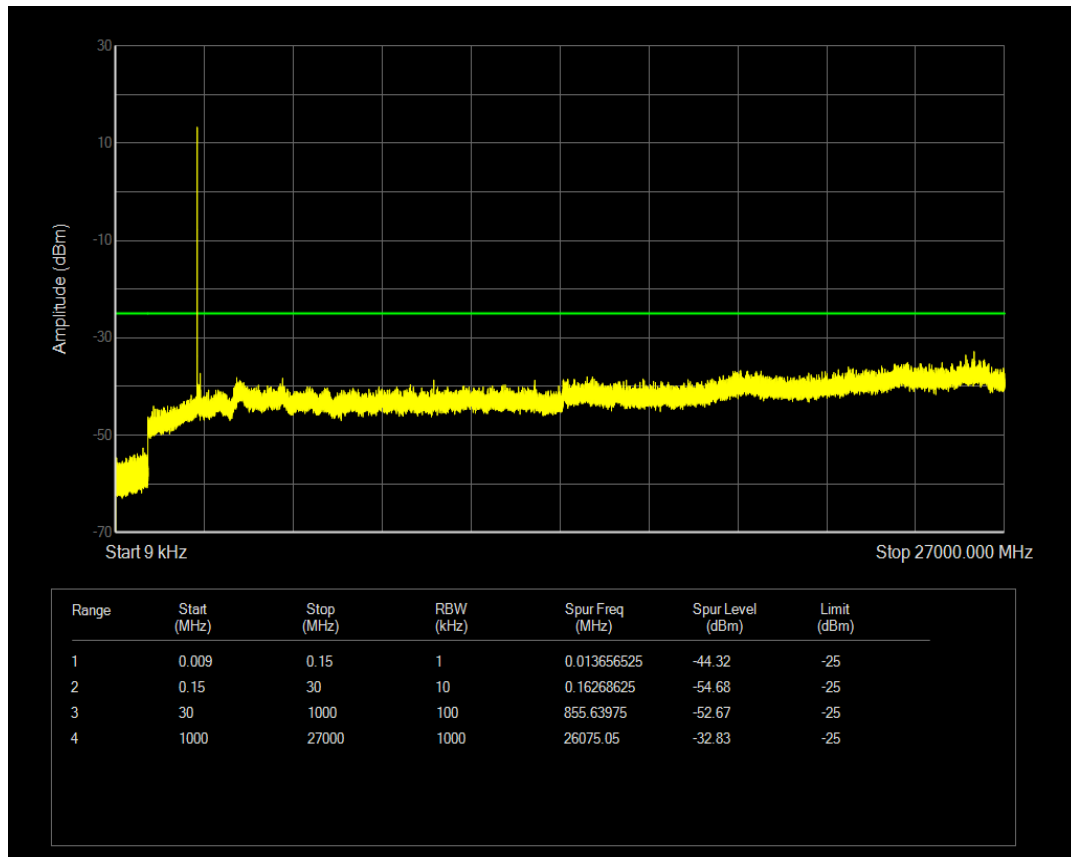
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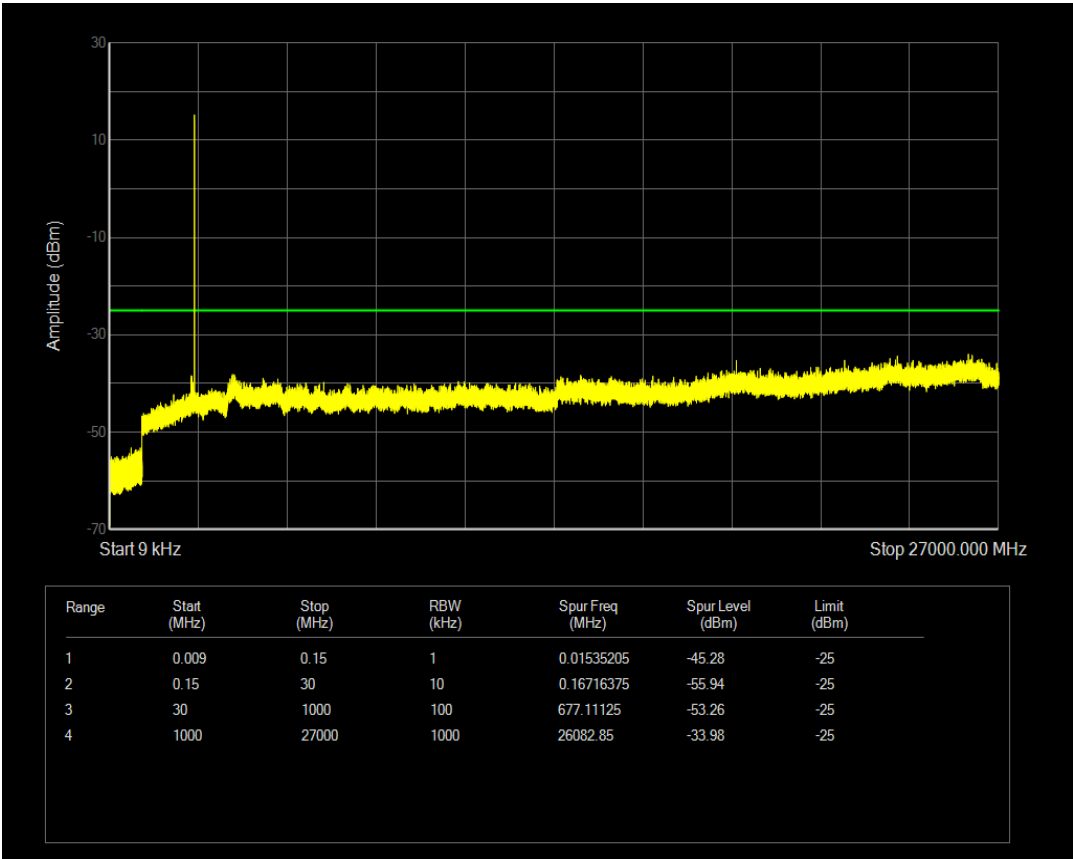
6 Out-of-band emissions for NR FR1

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	26042.55	-33.74	-25	PASS
n41	30	20	501204	1@0	CP_QPSK	25937.25	-34.87	-25	PASS
n41	30	20	501204	1@50	CP_QPSK	25932.05	-34.12	-25	PASS
n41	30	20	535998	51@0	CP_QPSK	25640.85	-34.19	-25	PASS
n41	30	20	535998	1@0	CP_QPSK	24522.85	-32.83	-25	PASS
n41	30	20	535998	1@50	CP_QPSK	25889.15	-34.06	-25	PASS
n41	30	50	504204	133@0	CP_QPSK	26280.45	-34.14	-25	PASS
n41	30	50	504204	1@0	CP_QPSK	26450.10	-33.50	-25	PASS
n41	30	50	504204	1@132	CP_QPSK	23894.30	-34.18	-25	PASS
n41	30	50	532998	133@0	CP_QPSK	25982.10	-34.11	-25	PASS
n41	30	50	532998	1@0	CP_QPSK	23654.45	-33.68	-25	PASS
n41	30	50	532998	1@132	CP_QPSK	25887.85	-33.83	-25	PASS
n41	30	100	509202	273@0	CP_QPSK	26137.45	-33.82	-25	PASS
n41	30	100	509202	1@0	CP_QPSK	26075.05	-32.83	-25	PASS
n41	30	100	509202	1@272	CP_QPSK	26082.85	-33.98	-25	PASS
n41	30	100	528000	273@0	CP_QPSK	26366.90	-33.96	-25	PASS
n41	30	100	528000	1@0	CP_QPSK	25939.20	-33.86	-25	PASS
n41	30	100	528000	1@272	CP_QPSK	23831.90	-34.31	-25	PASS

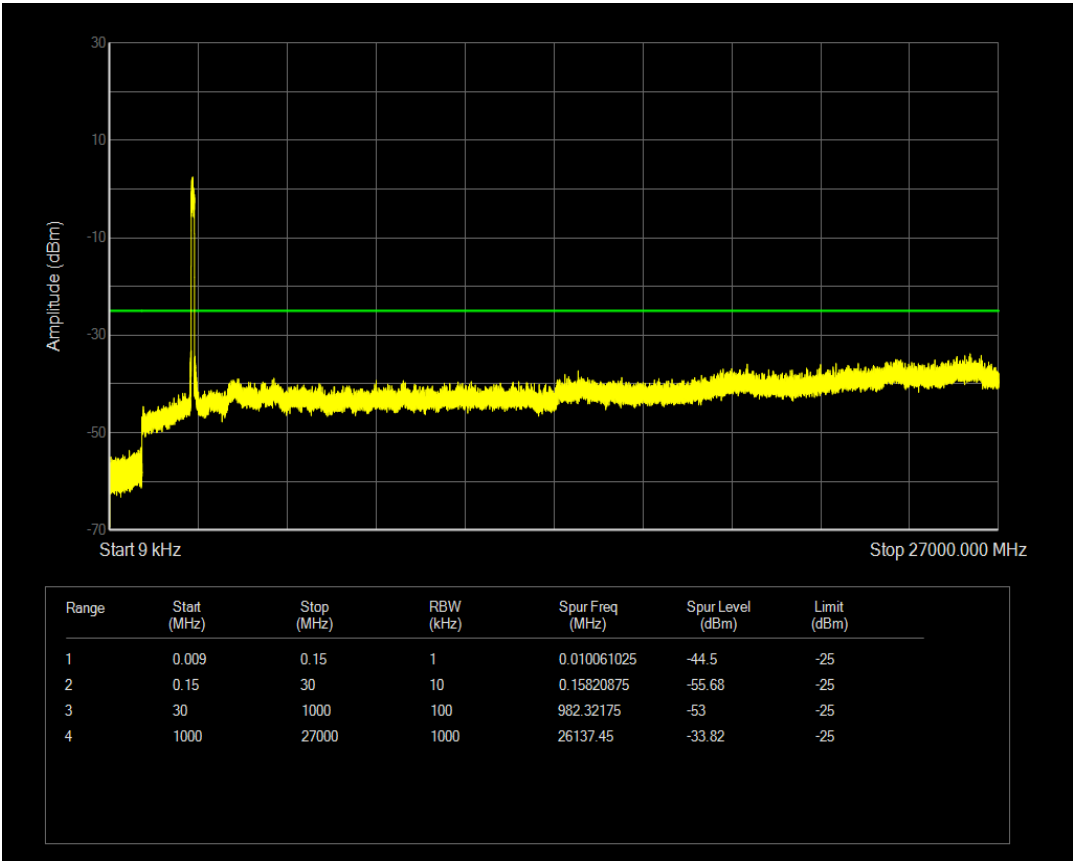
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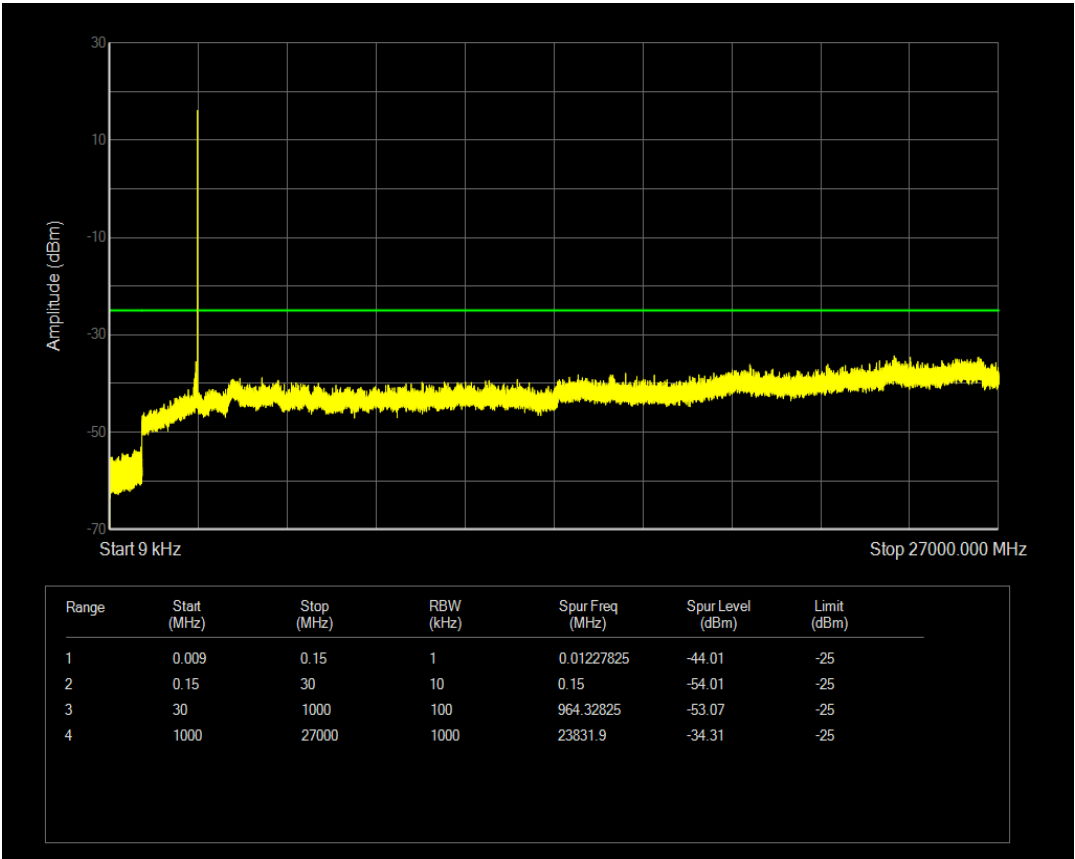
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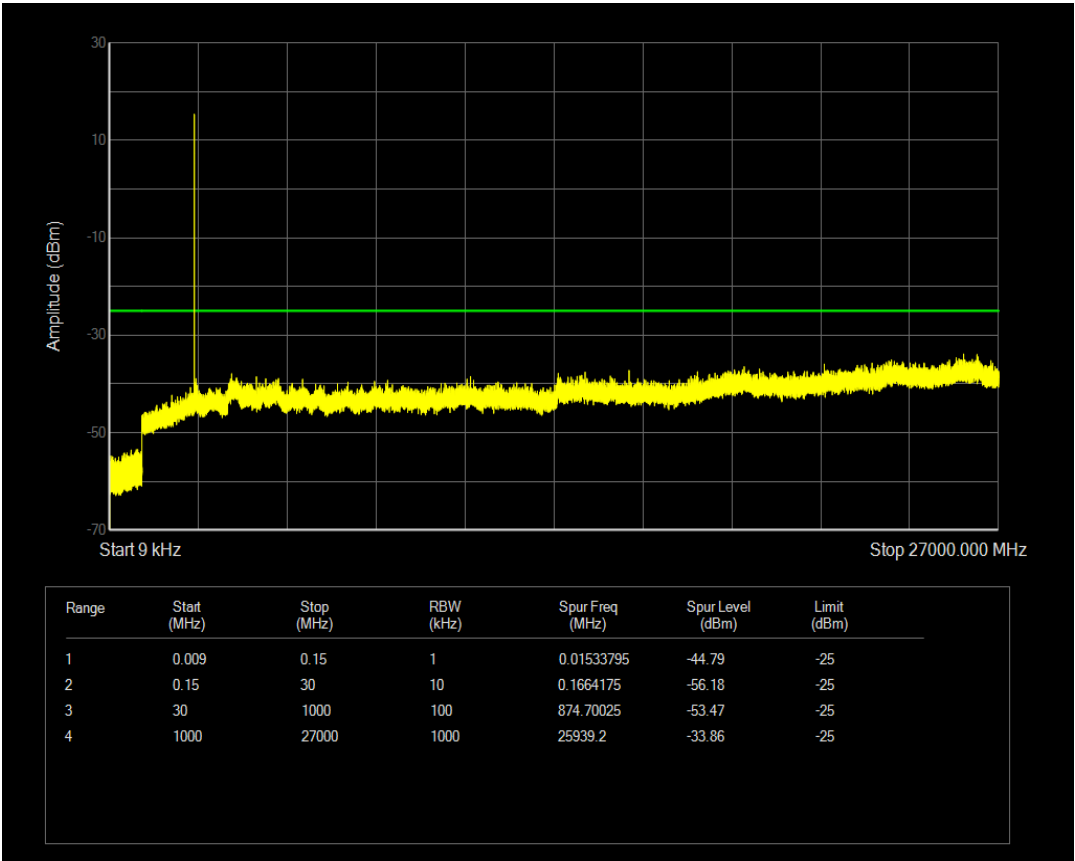
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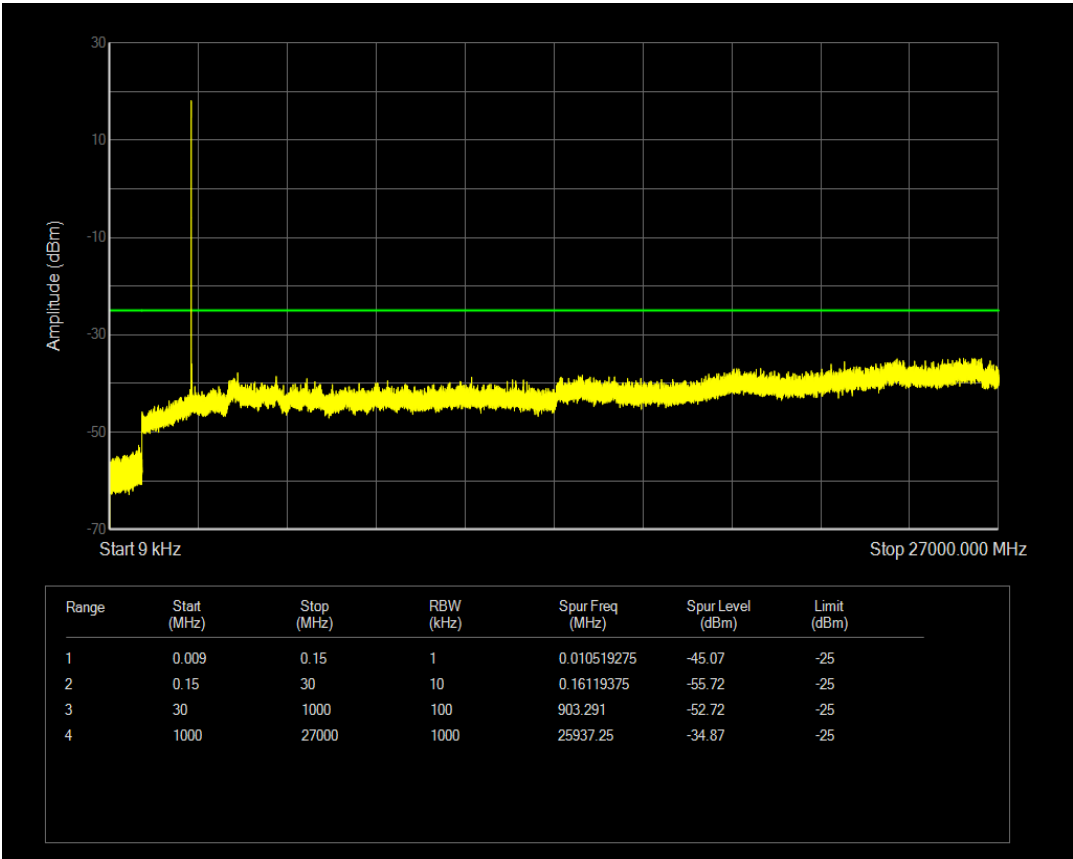
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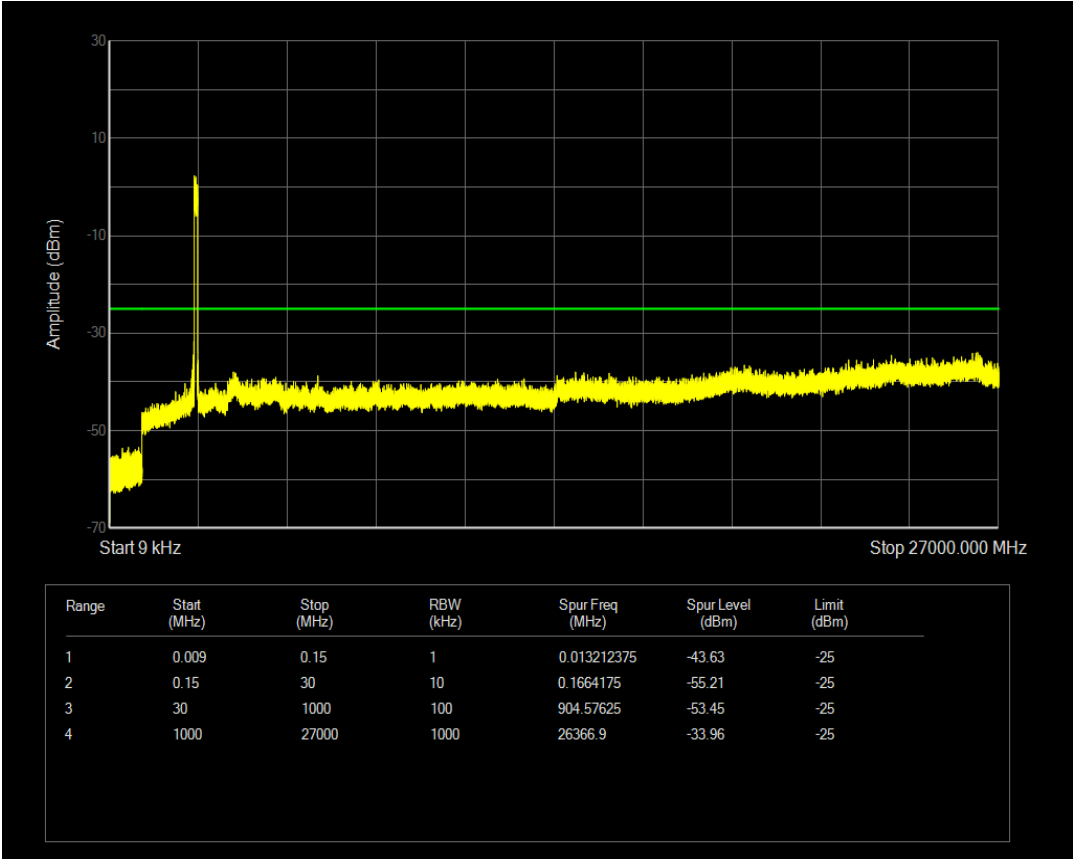
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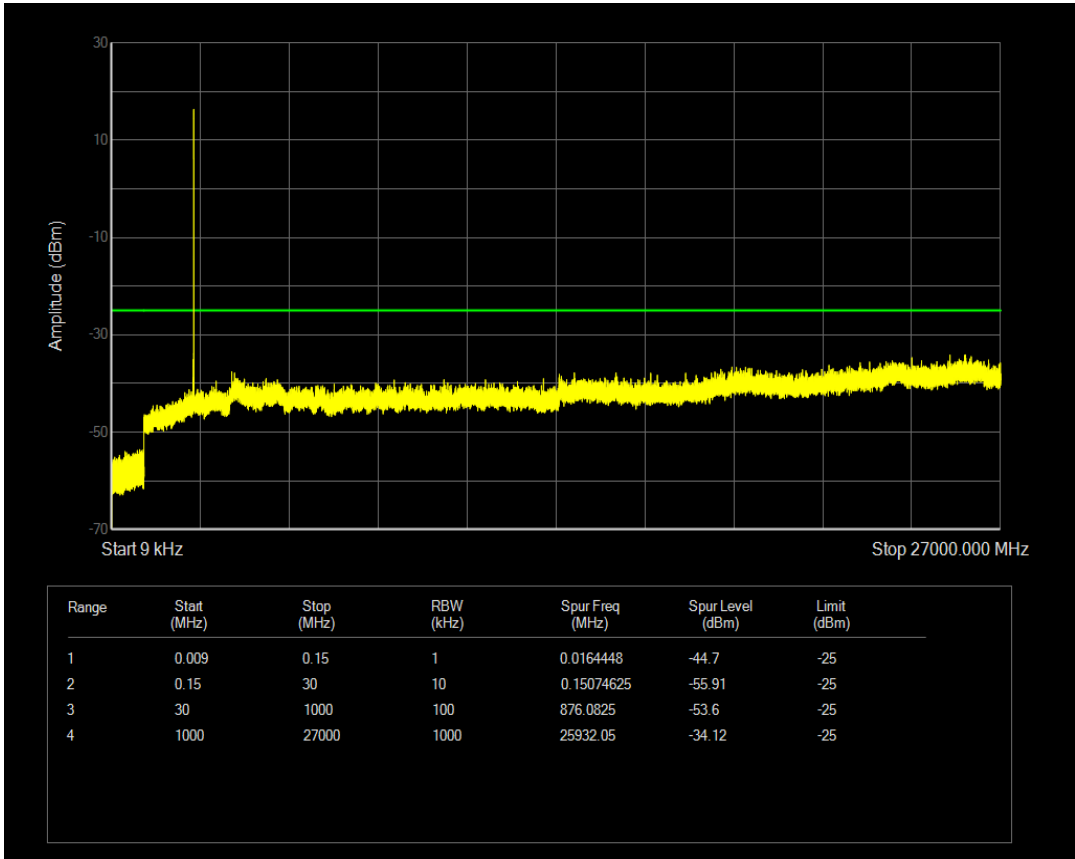
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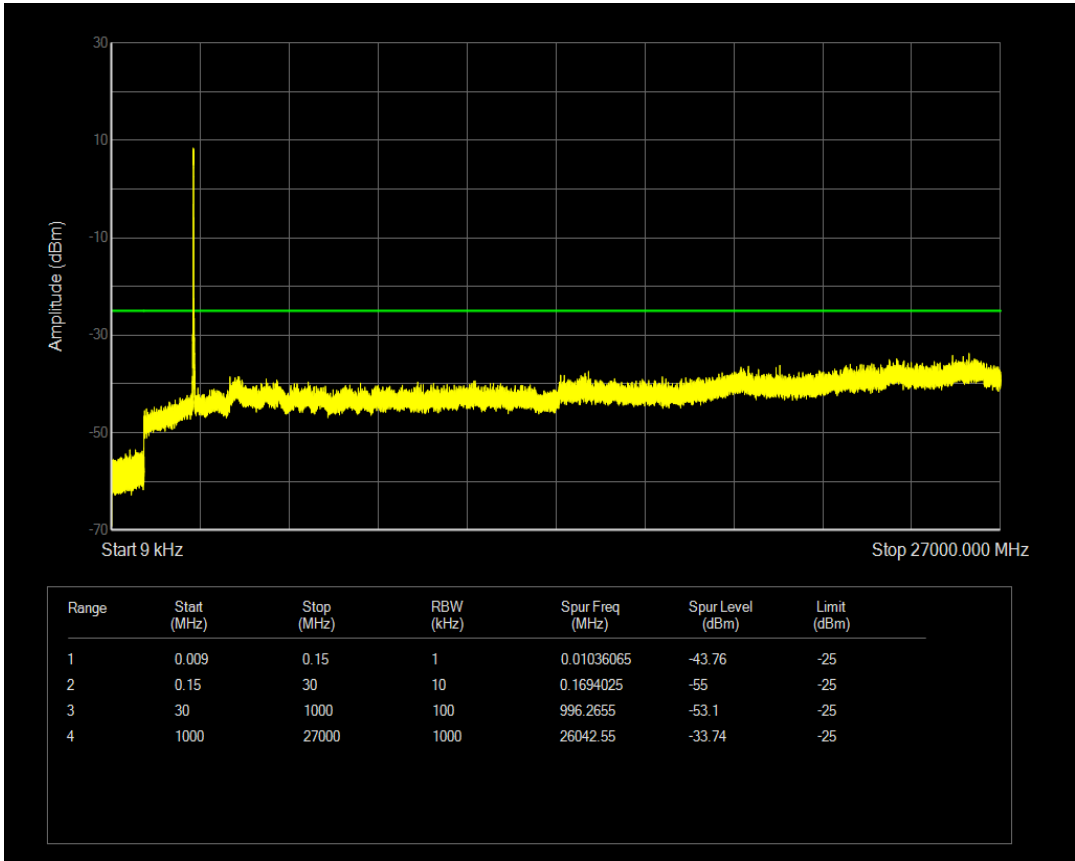
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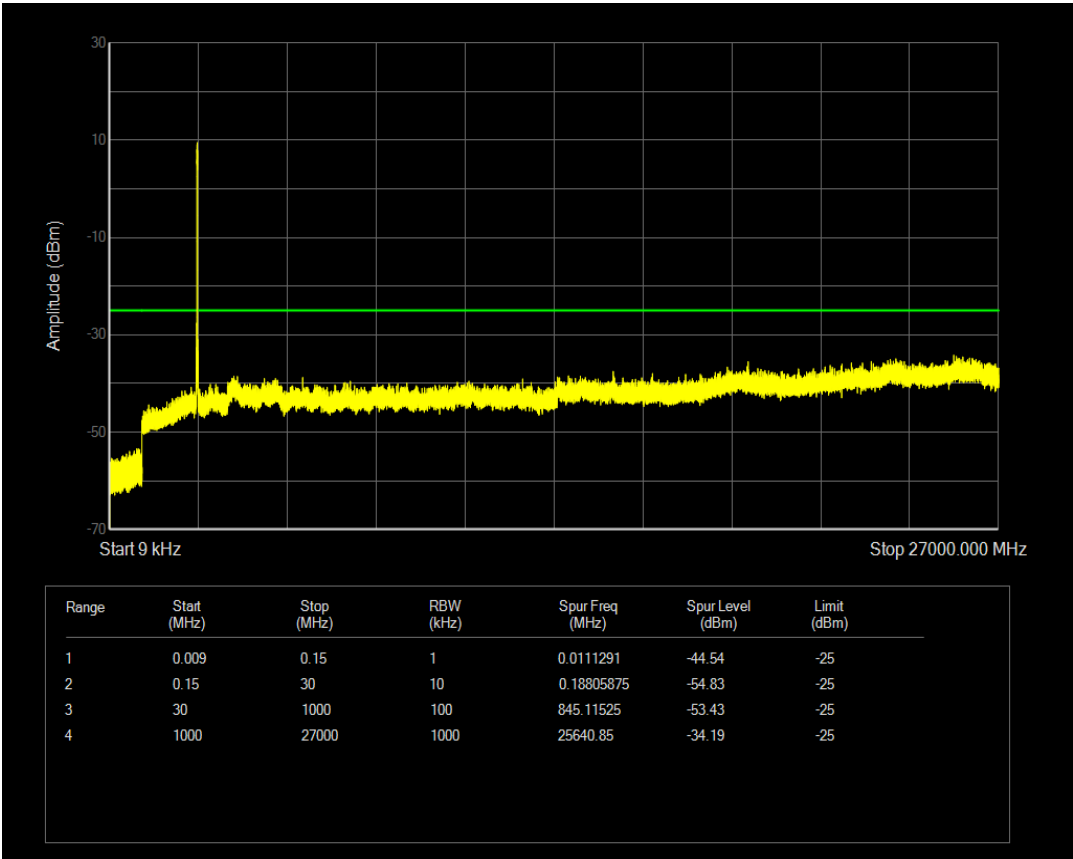
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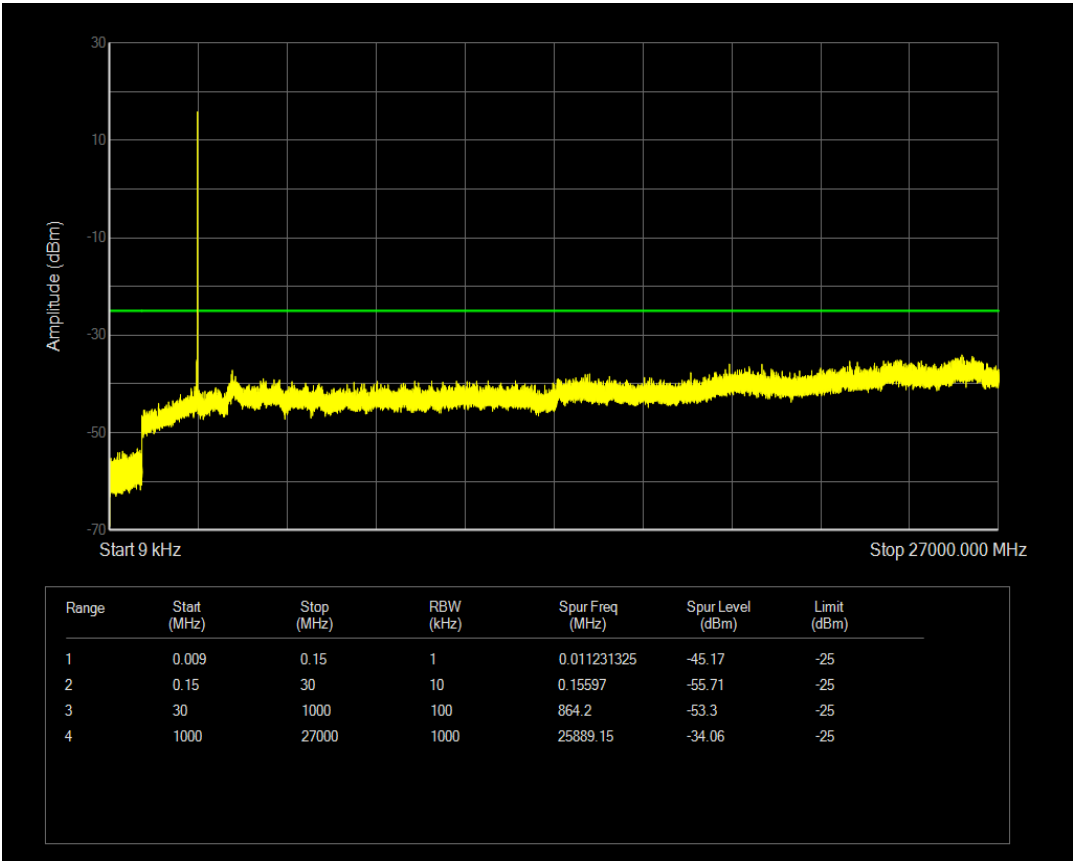
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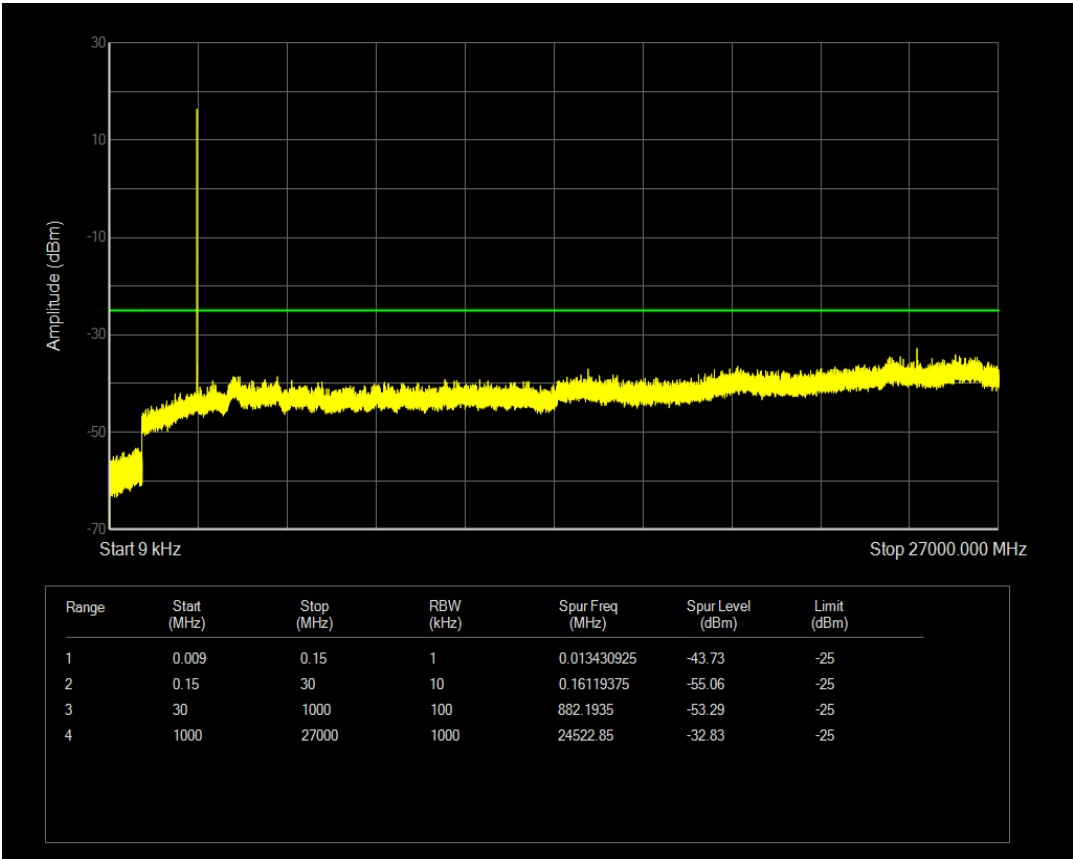
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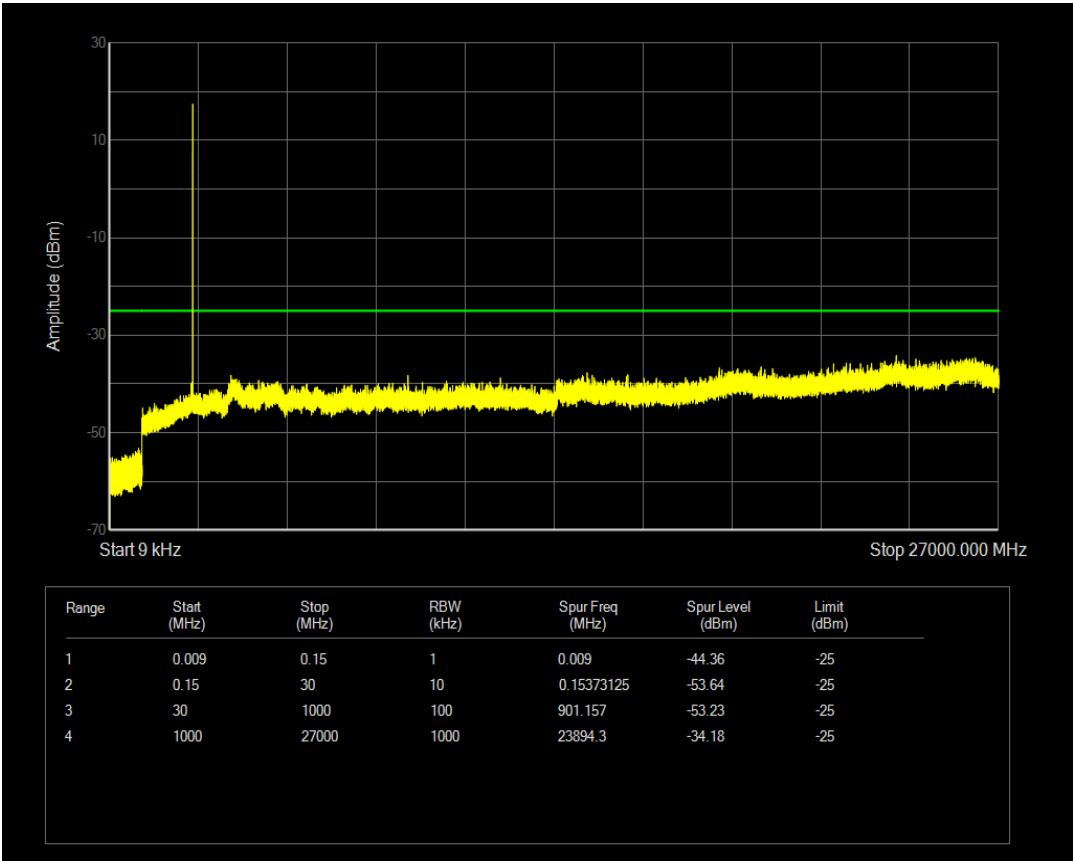
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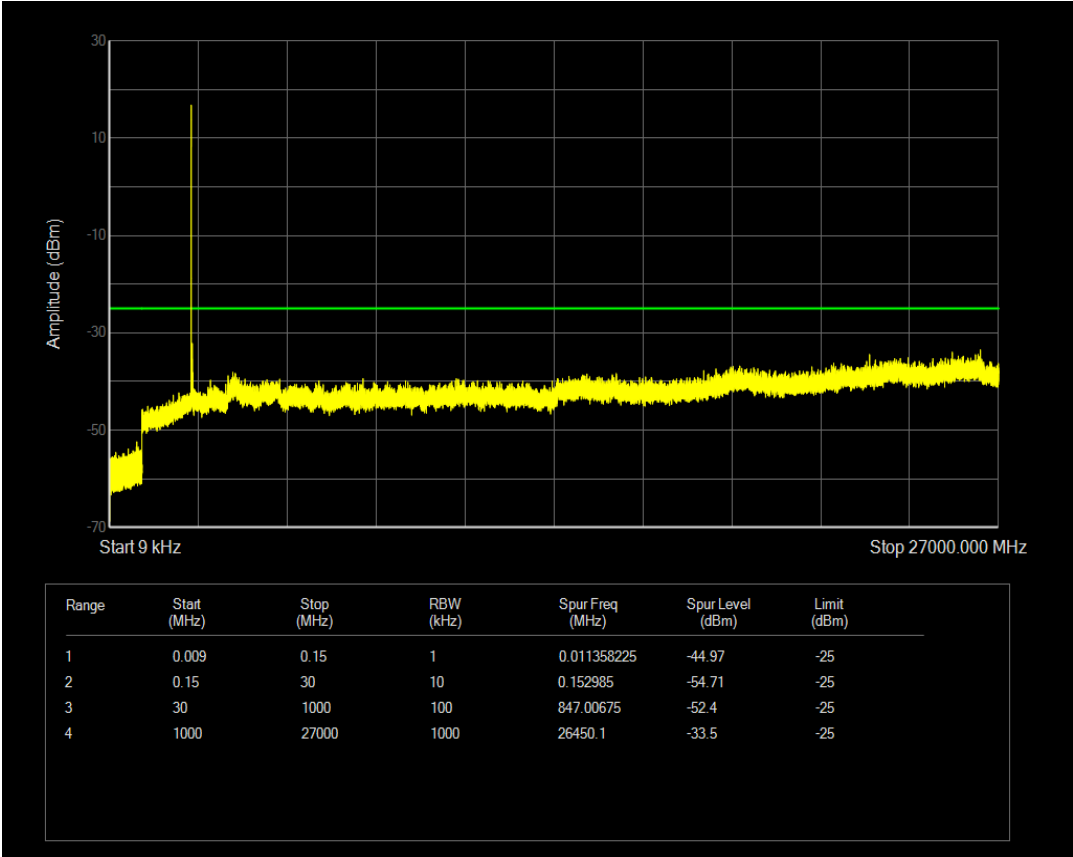
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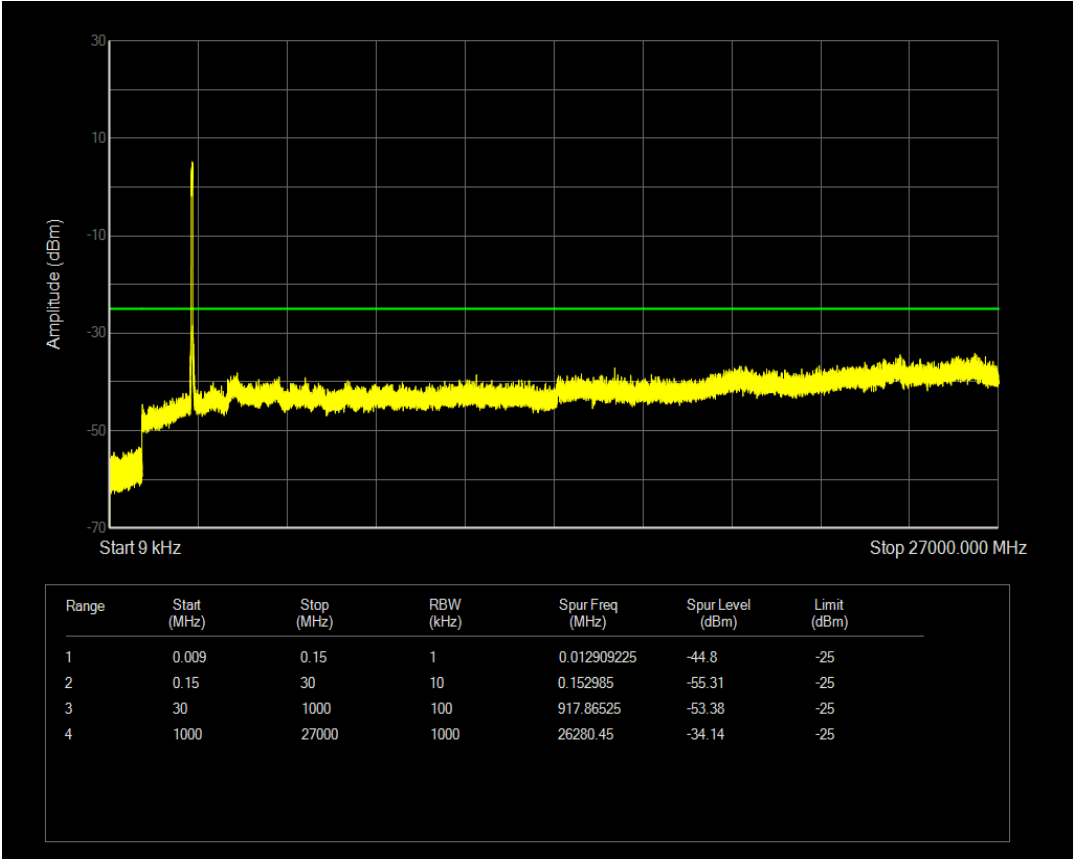
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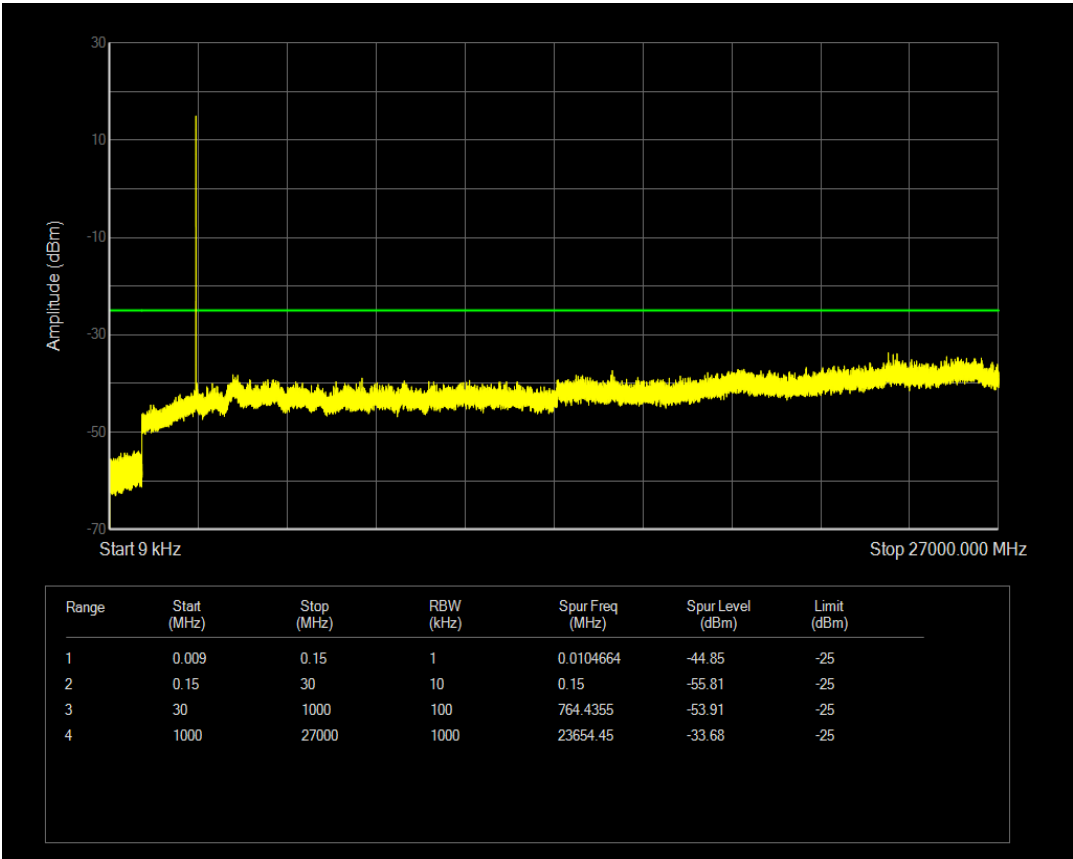
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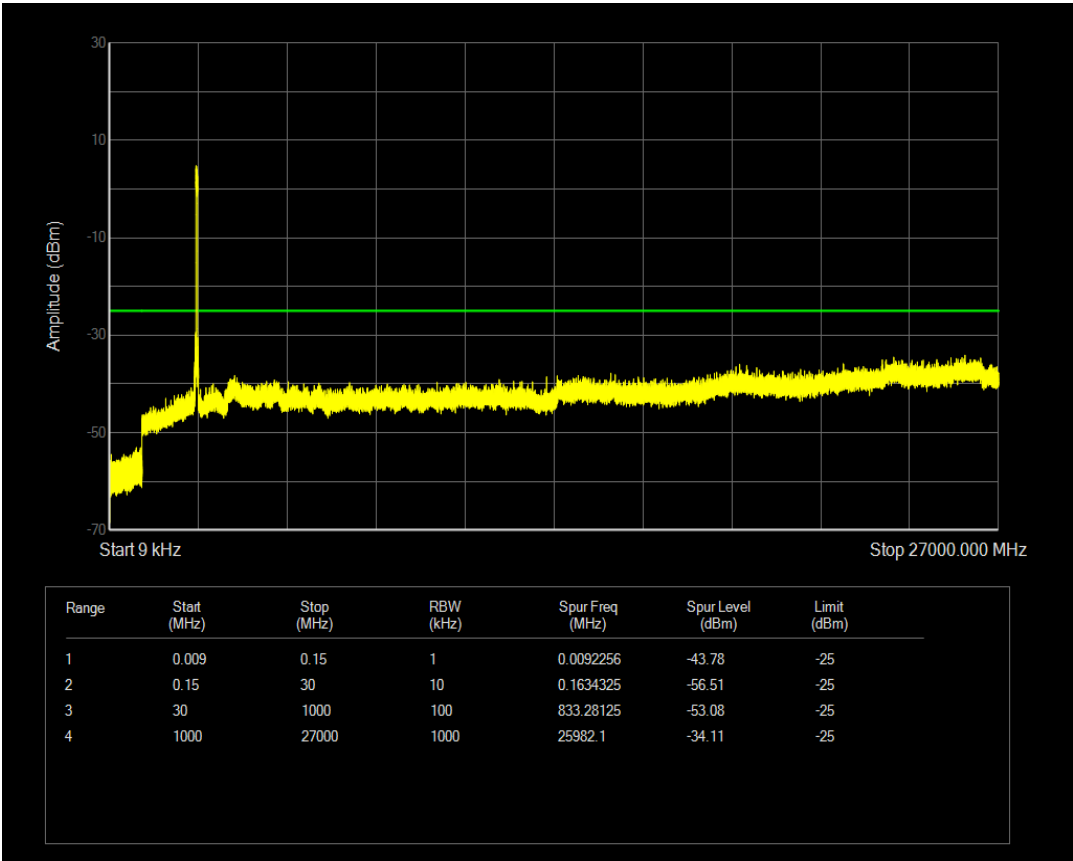
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n41 SCS=30kHz CP_QPSK BW=50MHz Channel=532998 RB=133@0



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

