



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=100MHz Channel=641666 RB=270@0



n78(3550-3700) SCS=30kHz DFT_QAM16 BW=80MHz Channel=641666 RB=216@0



n78(3550-3700) SCS=30kHz DFT_QAM16 BW=90MHz Channel=641666 RB=240@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=60MHz Channel=641666 RB=162@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=70MHz Channel=641666 RB=180@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=50MHz Channel=641666 RB=128@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=20MHz Channel=641666 RB=50@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=40MHz Channel=641666 RB=100@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=10MHz Channel=641666 RB=24@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=15MHz Channel=641666 RB=36@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=100MHz Channel=641666 RB=270@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=80MHz Channel=641666 RB=216@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=90MHz Channel=641666 RB=240@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=60MHz Channel=641666 RB=162@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=70MHz Channel=641666 RB=180@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=50MHz Channel=641666 RB=128@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=20MHz Channel=641666 RB=50@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=40MHz Channel=641666 RB=100@0



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n78(3550-3700) SCS=30kHz DFT_QPSK BW=15MHz Channel=641666 RB=36@0



n78(3550-3700) SCS=30kHz DFT_QPSK BW=100MHz Channel=641666 RB=270@0



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n78(3550-3700) SCS=30kHz DFT_QAM64 BW=90MHz Channel=641666 RB=240@0



n78(3550-3700) SCS=30kHz DFT_QPSK BW=60MHz Channel=641666 RB=162@0



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n78(3550-3700) SCS=30kHz DFT_QPSK BW=50MHz Channel=641666 RB=128@0



n78(3550-3700) SCS=30kHz DFT_QPSK BW=20MHz Channel=641666 RB=50@0



n78(3550-3700) SCS=30kHz DFT_QPSK BW=40MHz Channel=641666 RB=100@0



n78(3550-3700) SCS=30kHz DFT_QPSK BW=90MHz Channel=641666 RB=240@0



n78(3550-3700) SCS=30kHz DFT_QPSK BW=80MHz Channel=641666 RB=216@0



Test Case

6.2.1 FR1 NR UE Maximum Output Power

SA

Cell Quick Config

NR1

Common

UL RMC Quick Config

DFT-s-OFDM-QPSK

Cell

UL RB Allocation Type

Contiguous

DL Scheduler

UL RB Allocation

Custom

Start/Count

0 216

UL MCS/Type

2 - QPSK

MCS Table

64 QAM

UL Waveform

P/2 BPSK

Blind Handover

DFT-s-OFDM

OFF

Additional Spectrum Emission

ON

NS_01

Channel

P-Max

OFF

p-NR-FR1

OFF

p-UE-FR1

OFF

PRACH

MAC Padding

DL Off

UL On

Test Case Params

Advanced

Local

Measurement

BLER/Tput

UE Info.

Msg. Summary

NR UE Power: 26 dBm

DL BLER: - %

Duplex: TDD

Port: RFIO1

Freq: 3624.99 MHz

EIP: 29 dBm

Measuring

Acquiring

Avg: 6/6

Occupied Bandwidth

Amplitude (dBm)

Frequency (GHz)

Pass/Fail

Pass

OBW

76.930 MHz

Tx Freq Err

0.00 Hz

X dB BW

78.09 MHz

Total Power

25.67 dBm

Meas Cell

NR1

Meas Mode

Basic

Meas Select

Meas Channel

PUSCH

Average Count

6

Continuous

Off

Restart

Ready

BSE.CONFIG[NR5G[Selected]].PMAX[STATE]

Copy

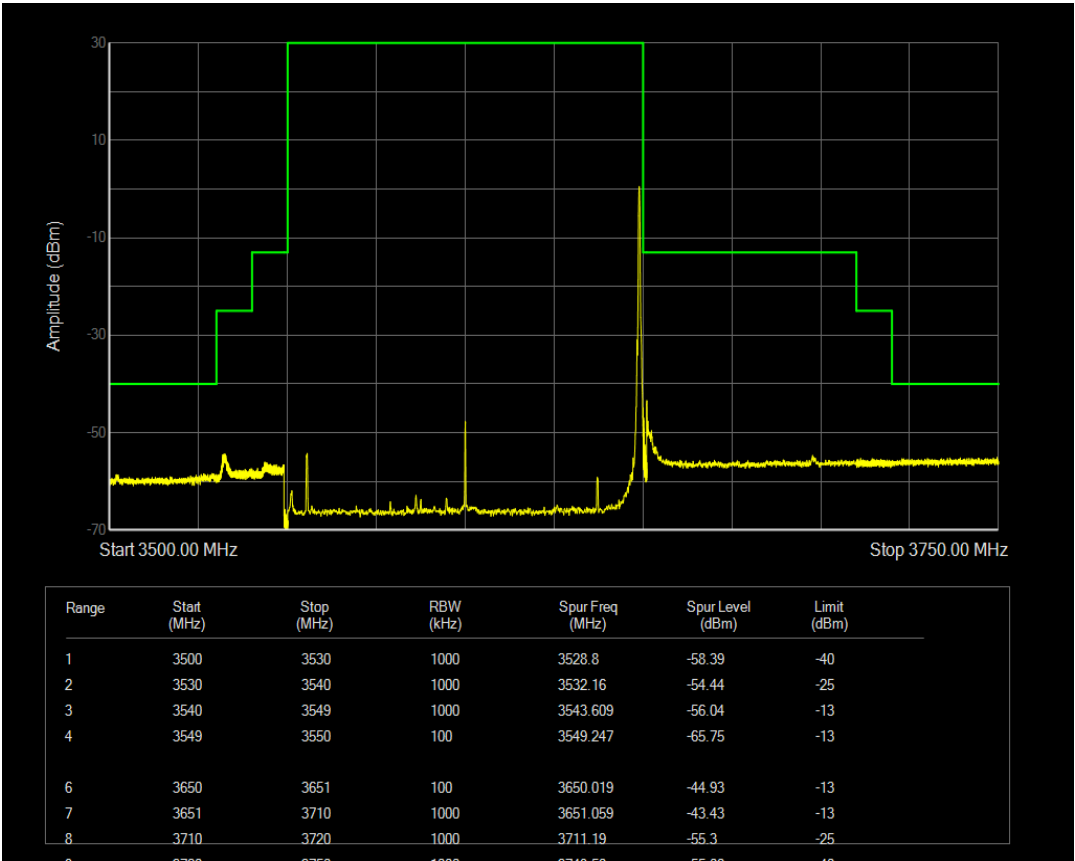
Current Log

2025-07-24 13:11:26

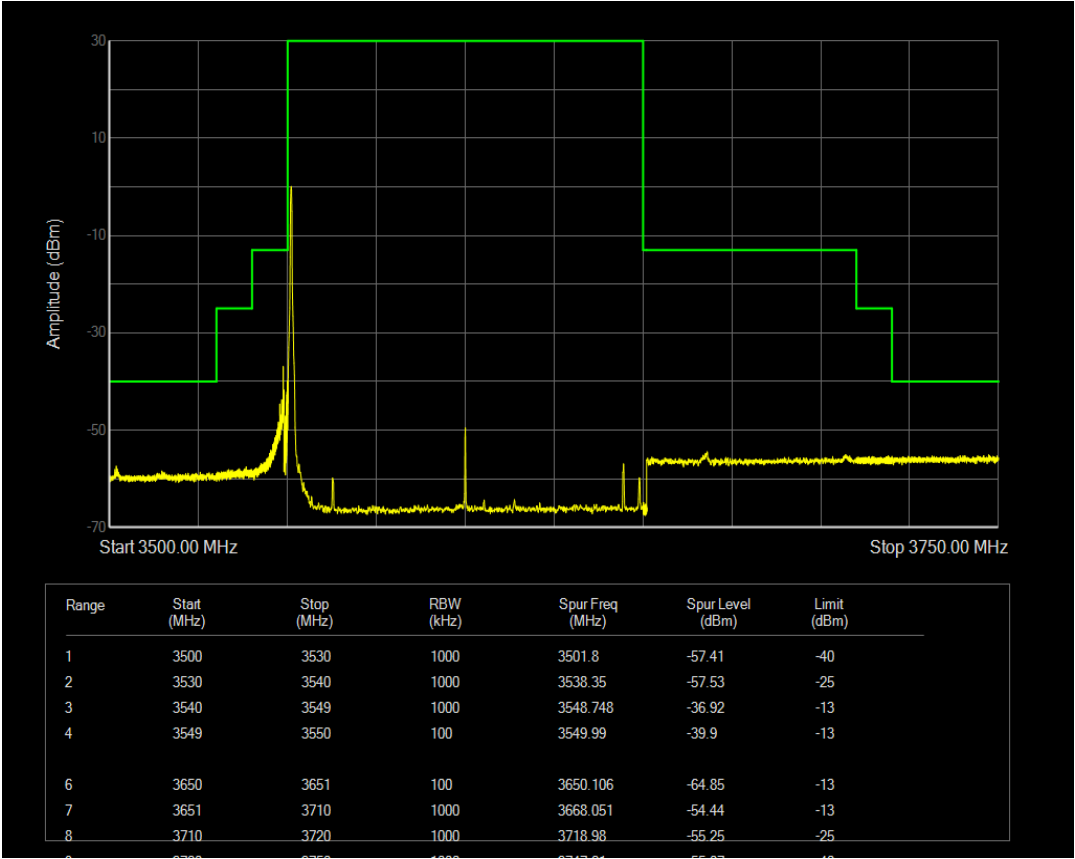
5 Band edge for NR FR1

<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>
n78(3550-3700)	30	10	637000	24@0	CP_QPSK	3747.30	-55.07	-40	PASS
n78(3550-3700)	30	10	637000	1@0	CP_QPSK	3739.59	-55.25	-40	PASS
n78(3550-3700)	30	10	637000	1@23	CP_QPSK	3735.90	-55.39	-40	PASS
n78(3550-3700)	30	10	646332	24@0	CP_QPSK	3740.91	-55.14	-40	PASS
n78(3550-3700)	30	10	646332	1@0	CP_QPSK	3729.18	-55.20	-40	PASS
n78(3550-3700)	30	10	646332	1@23	CP_QPSK	3724.74	-55.23	-40	PASS
n78(3550-3700)	30	50	638334	133@0	CP_QPSK	3526.64	-47.00	-40	PASS
n78(3550-3700)	30	50	638334	1@0	CP_QPSK	3724.23	-55.18	-40	PASS
n78(3550-3700)	30	50	638334	1@132	CP_QPSK	3749.40	-54.81	-40	PASS
n78(3550-3700)	30	50	645000	133@0	CP_QPSK	3724.08	-50.84	-40	PASS
n78(3550-3700)	30	50	645000	1@0	CP_QPSK	3725.94	-54.89	-40	PASS
n78(3550-3700)	30	50	645000	1@132	CP_QPSK	3722.37	-54.56	-40	PASS
n78(3550-3700)	30	100	640000	273@0	CP_QPSK	3521.57	-48.17	-40	PASS
n78(3550-3700)	30	100	640000	1@0	CP_QPSK	3747.21	-55.07	-40	PASS
n78(3550-3700)	30	100	640000	1@272	CP_QPSK	3749.58	-55.08	-40	PASS
n78(3550-3700)	30	100	643332	273@0	CP_QPSK	3735.84	-51.81	-40	PASS
n78(3550-3700)	30	100	643332	1@0	CP_QPSK	3738.24	-54.80	-40	PASS
n78(3550-3700)	30	100	643332	1@272	CP_QPSK	3748.14	-53.87	-40	PASS

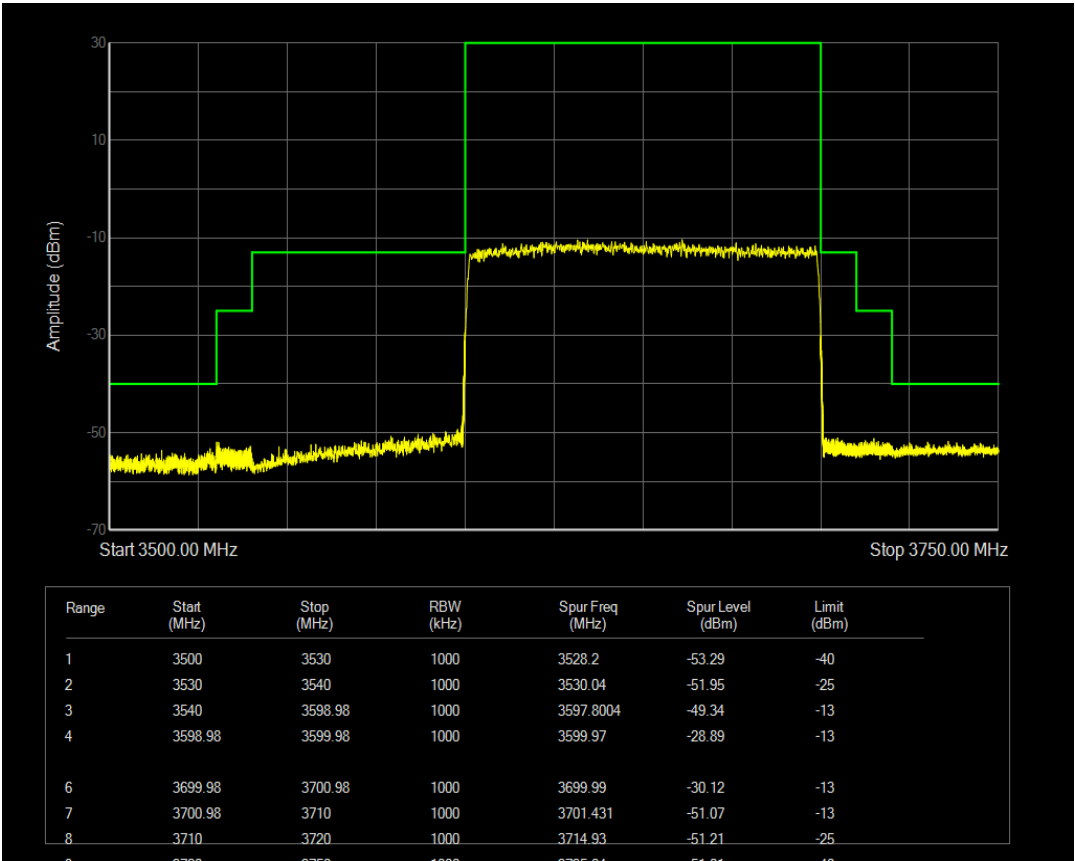
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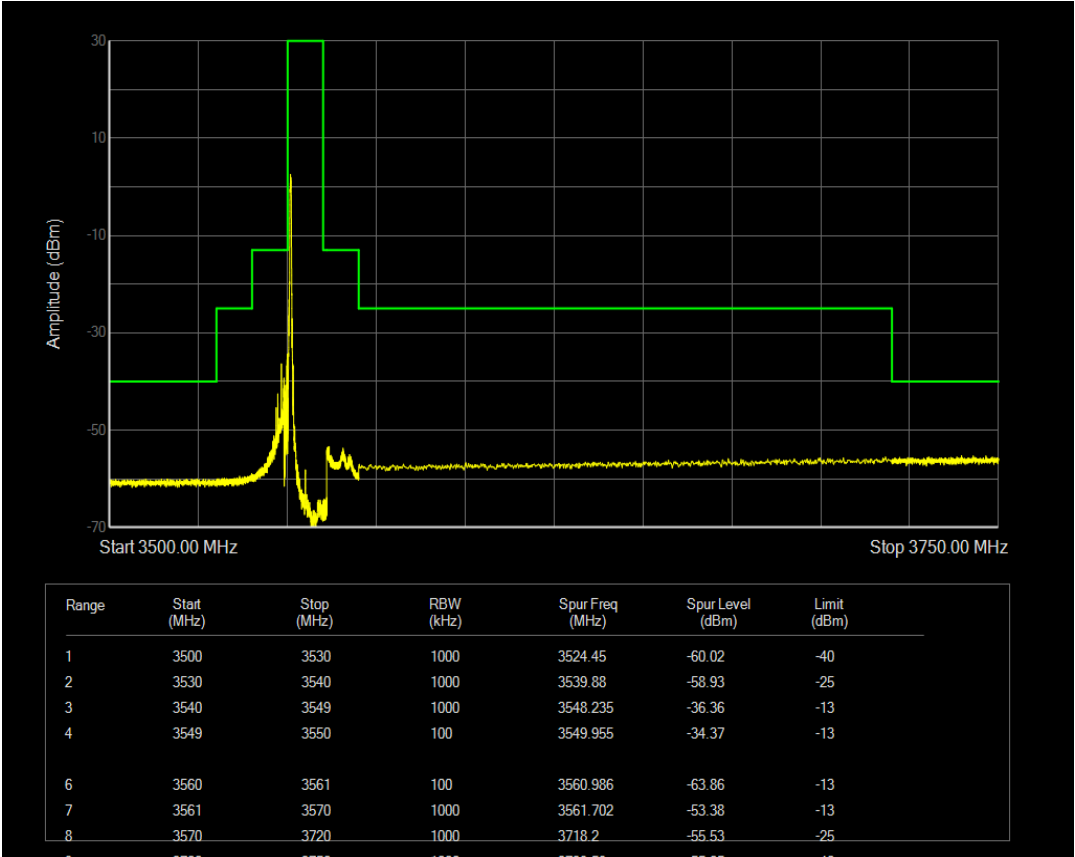
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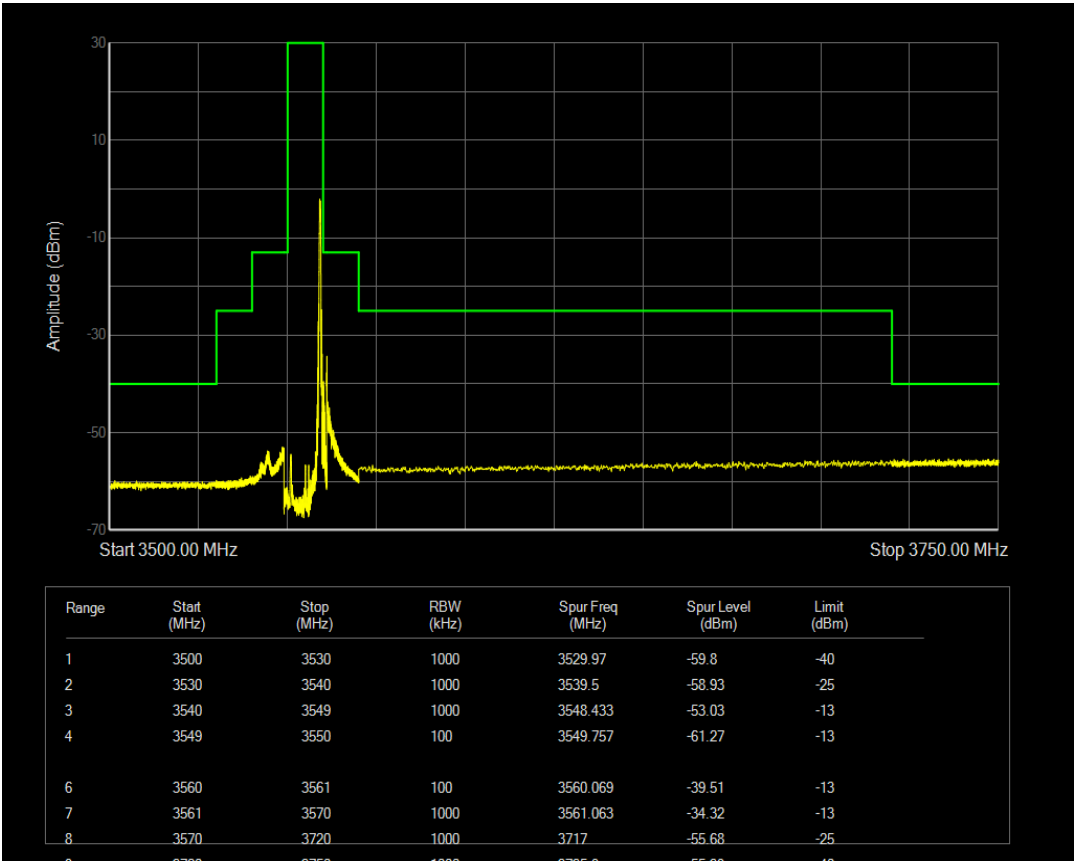
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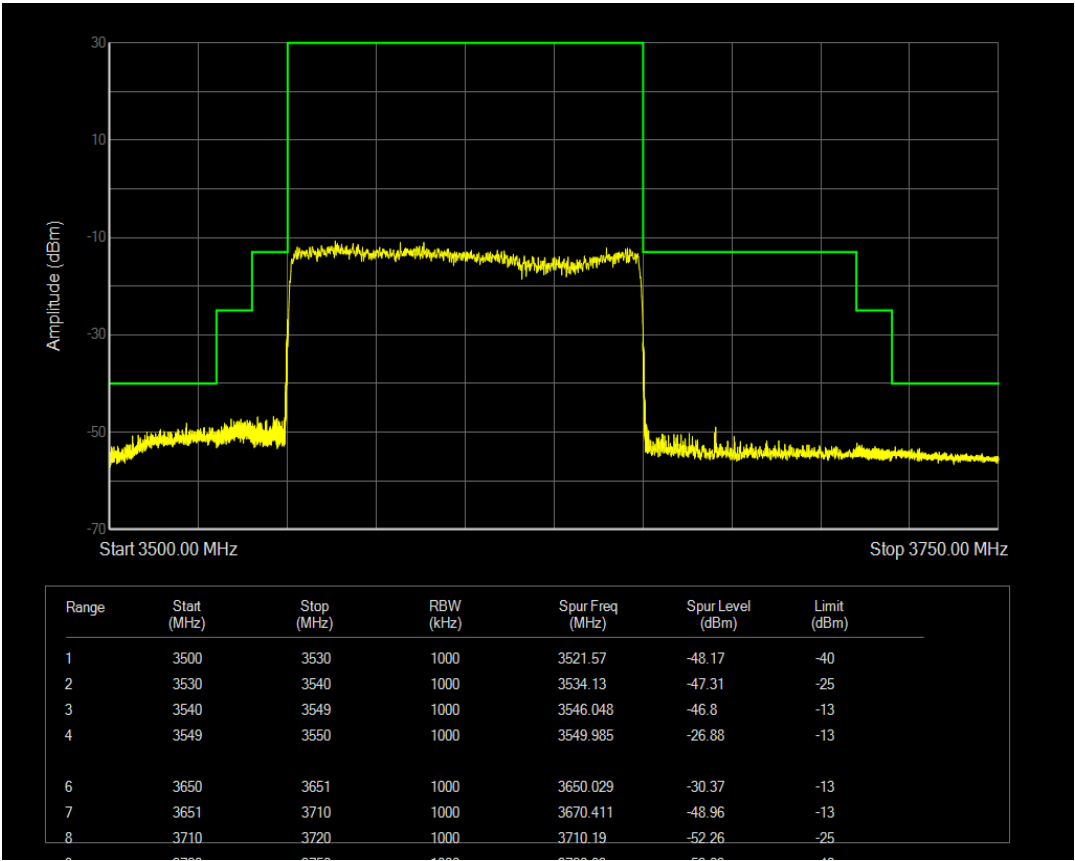
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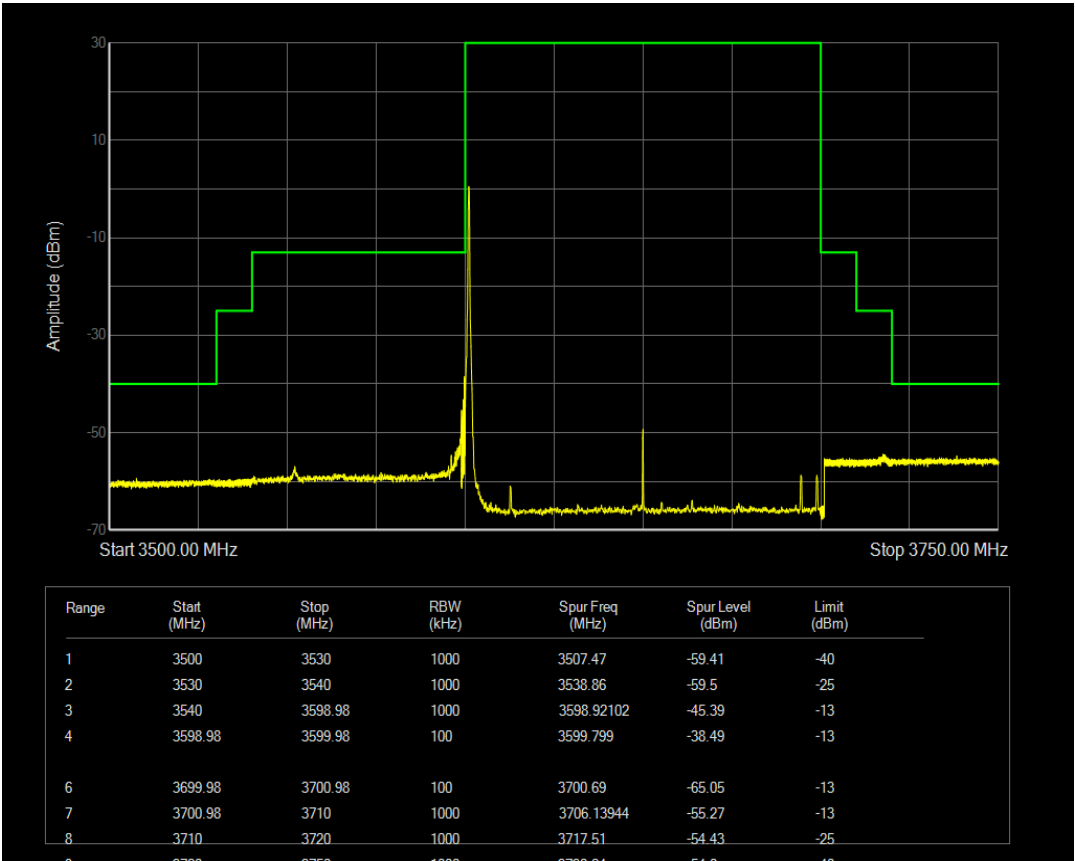
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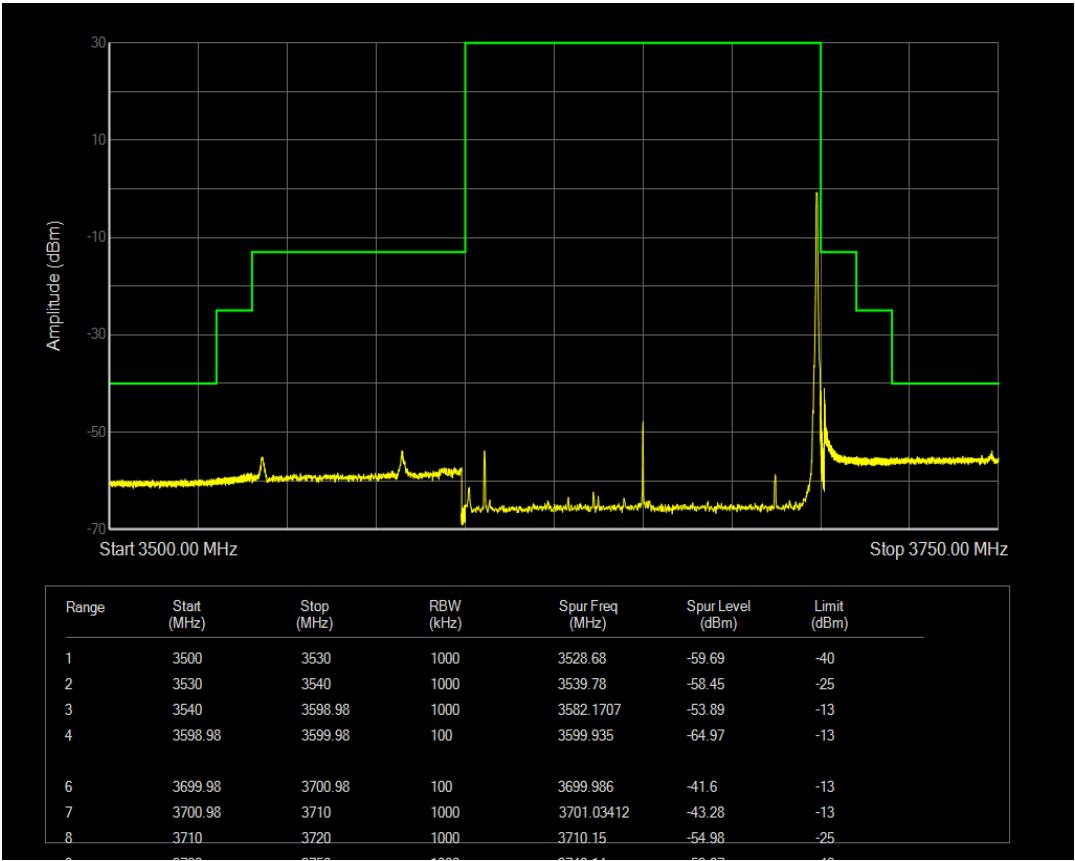
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n78(3550-3700) SCS=30kHz CP_QPSK BW=100MHz Channel=643332 RB=1@0



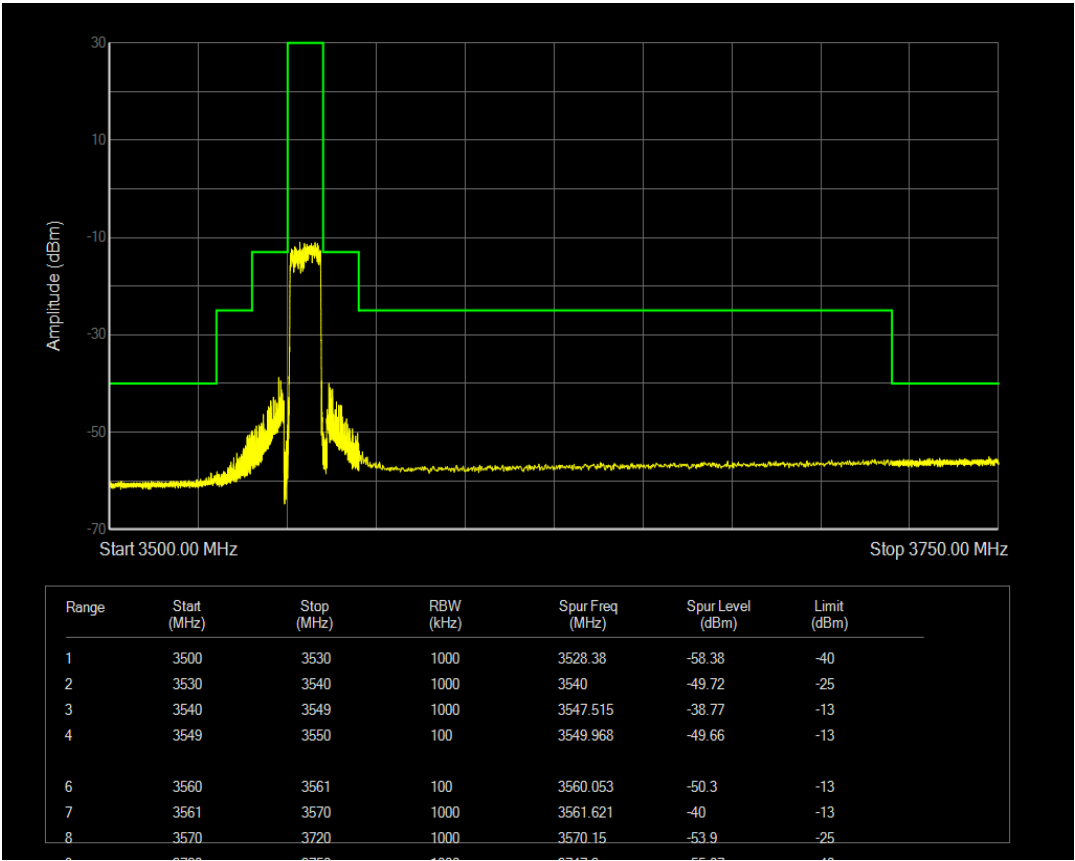
n78(3550-3700) SCS=30kHz CP_QPSK BW=100MHz Channel=643332 RB=1@272



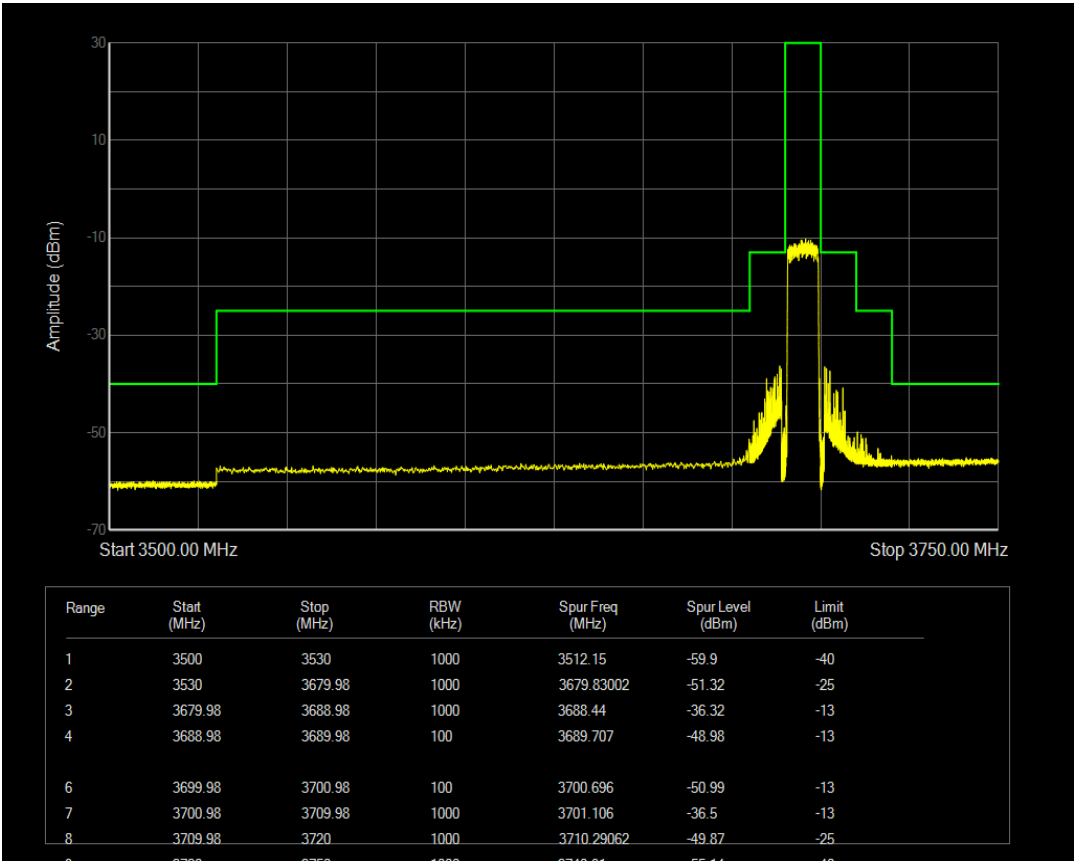
n78(3550-3700) SCS=30kHz CP_QPSK BW=10MHz Channel=646332 RB=1@0



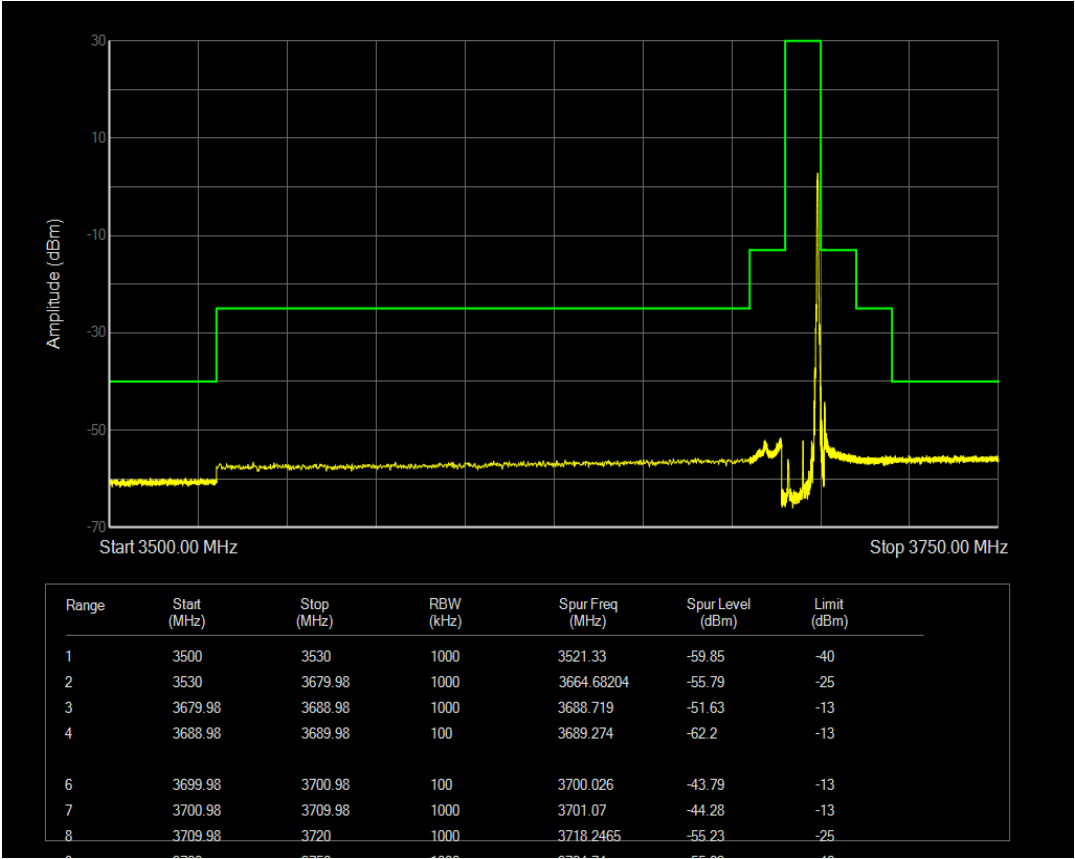
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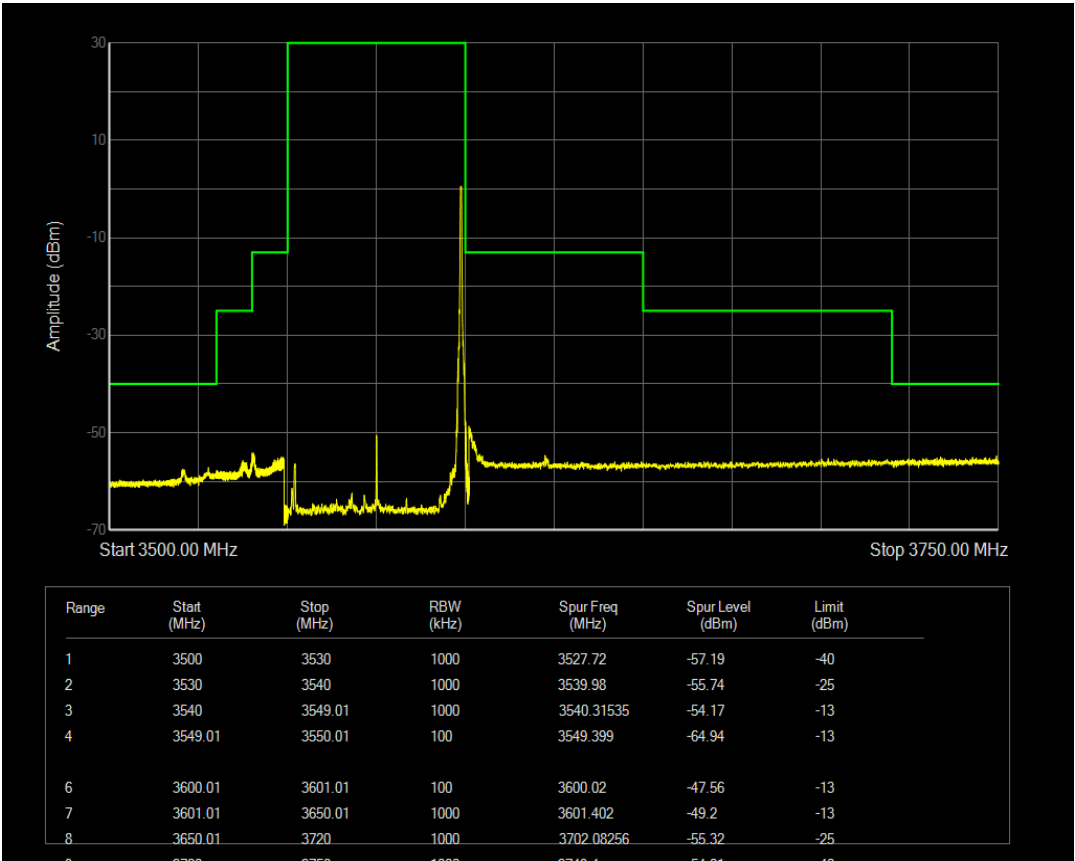
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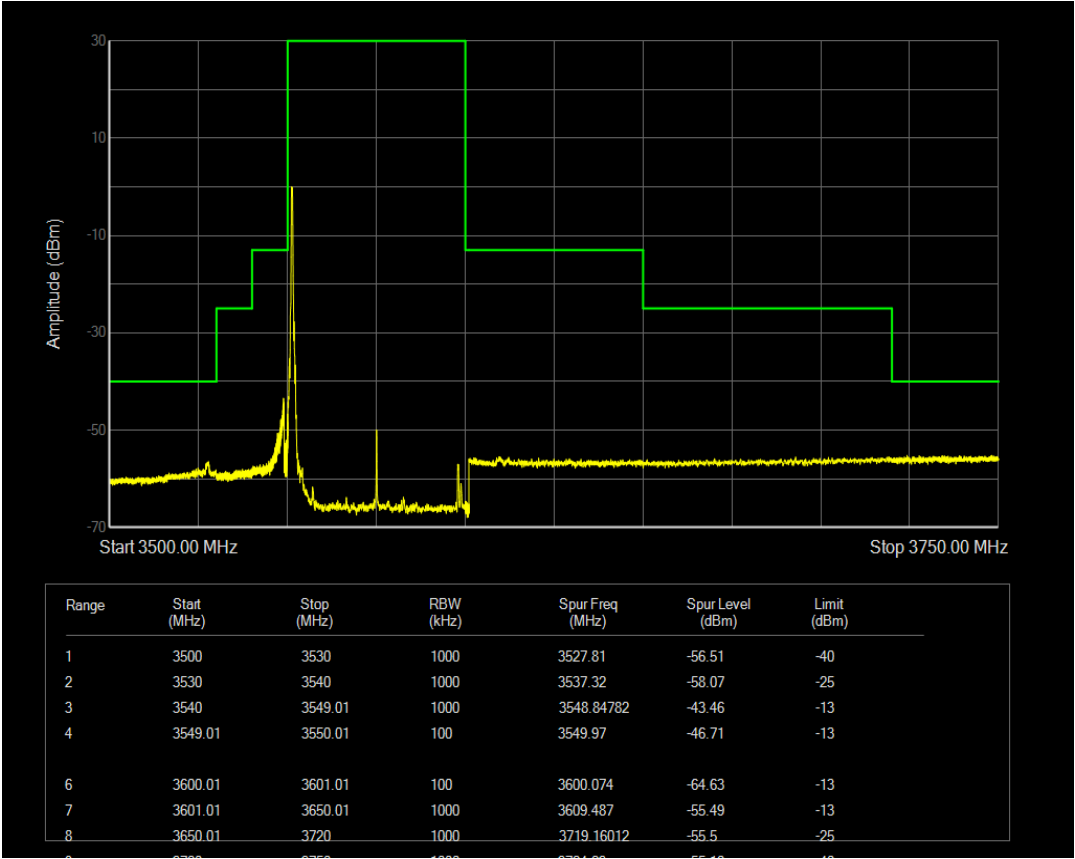
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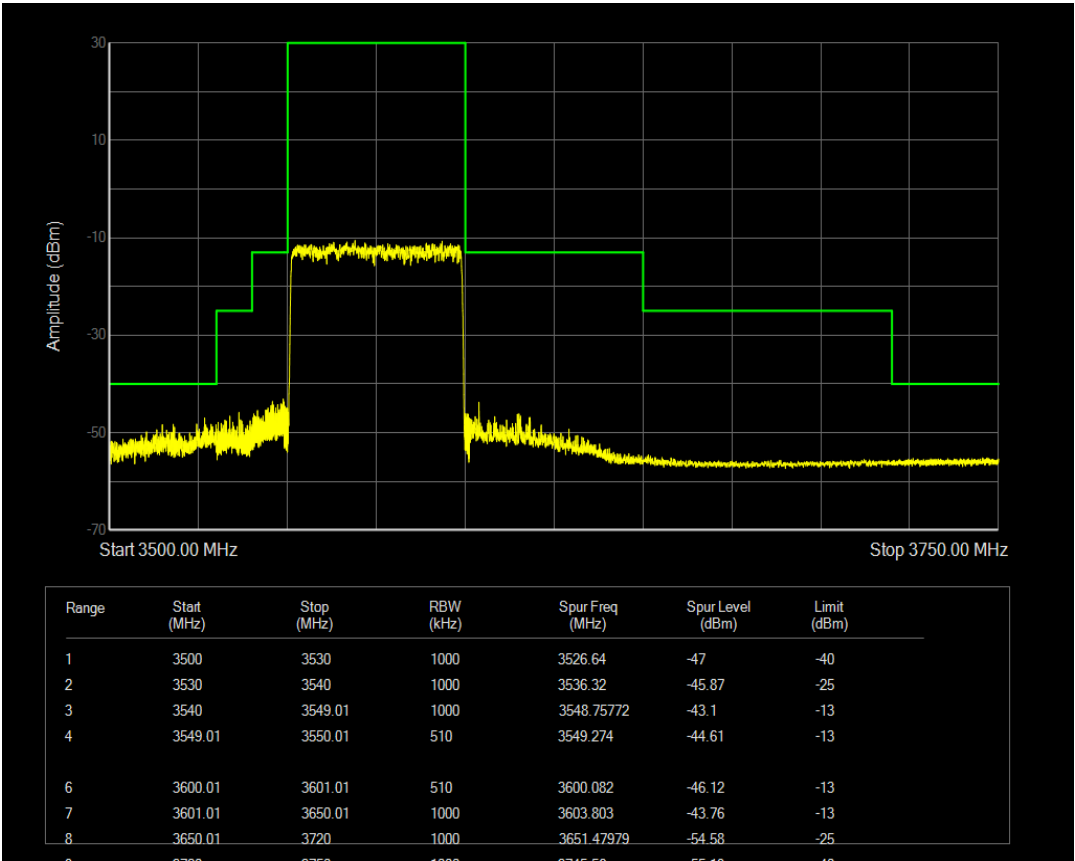
n78(3550-3700) SCS=30kHz CP_QPSK BW=50MHz Channel=638334 RB=1@132



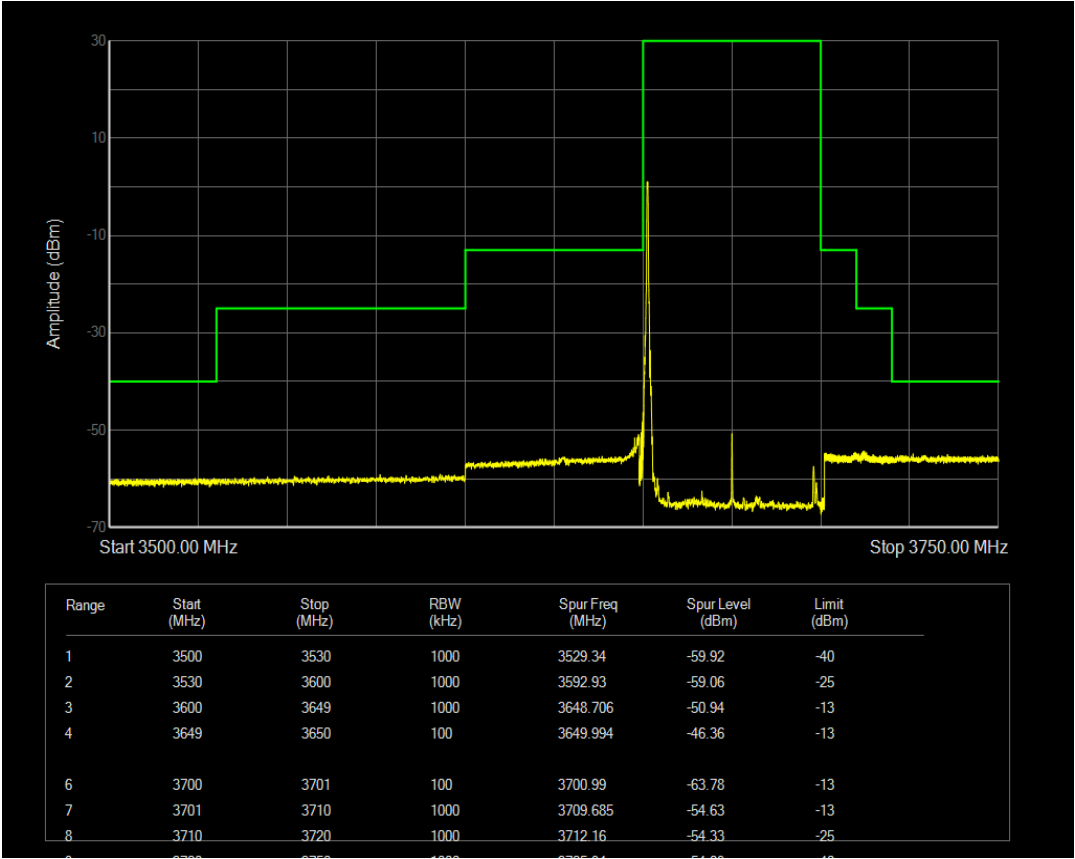
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n78(3550-3700) SCS=30kHz CP_QPSK BW=50MHz Channel=638334 RB=133@0



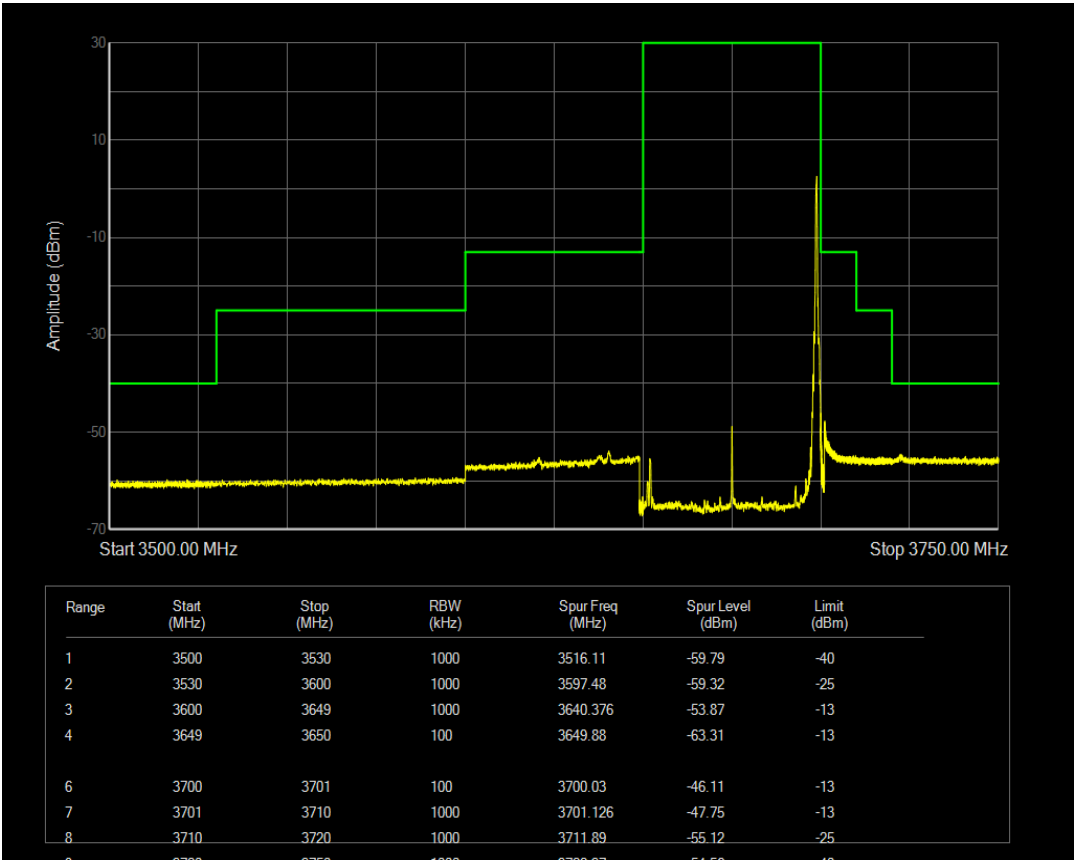
n78(3550-3700) SCS=30kHz CP_QPSK BW=50MHz Channel=645000 RB=1@0



n78(3550-3700) SCS=30kHz CP_QPSK BW=50MHz Channel=645000 RB=133@0



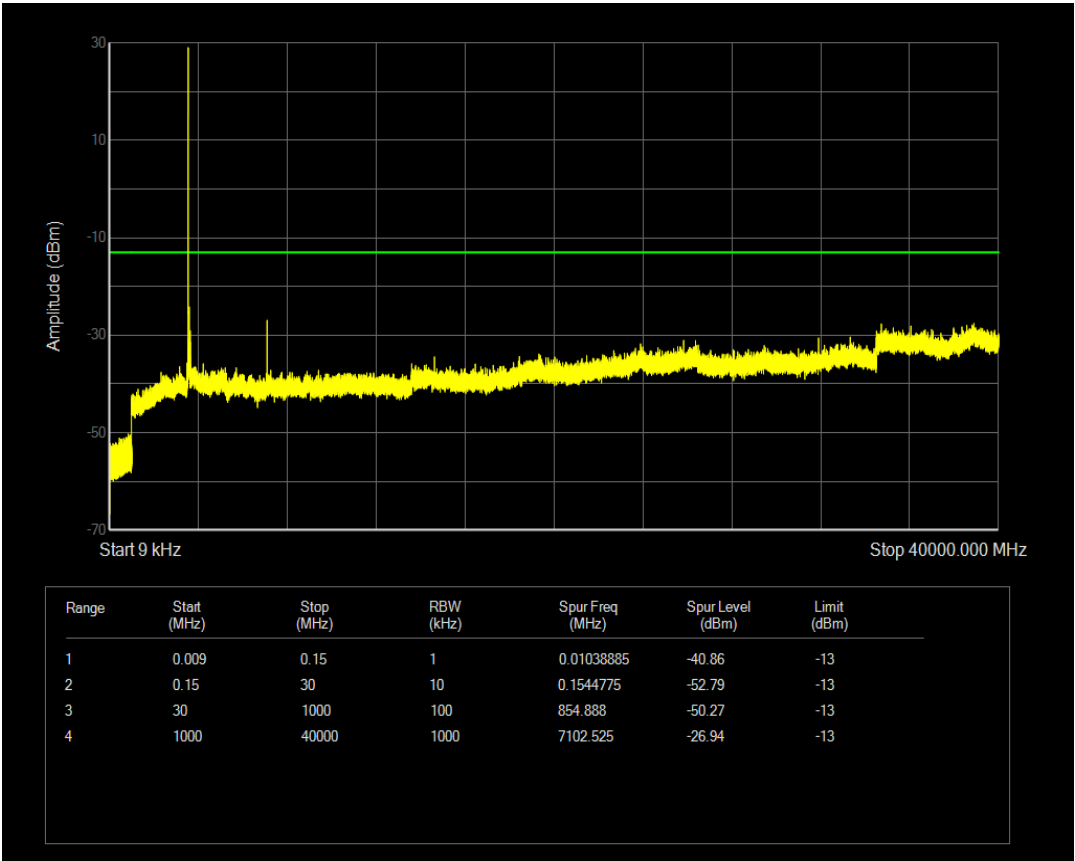
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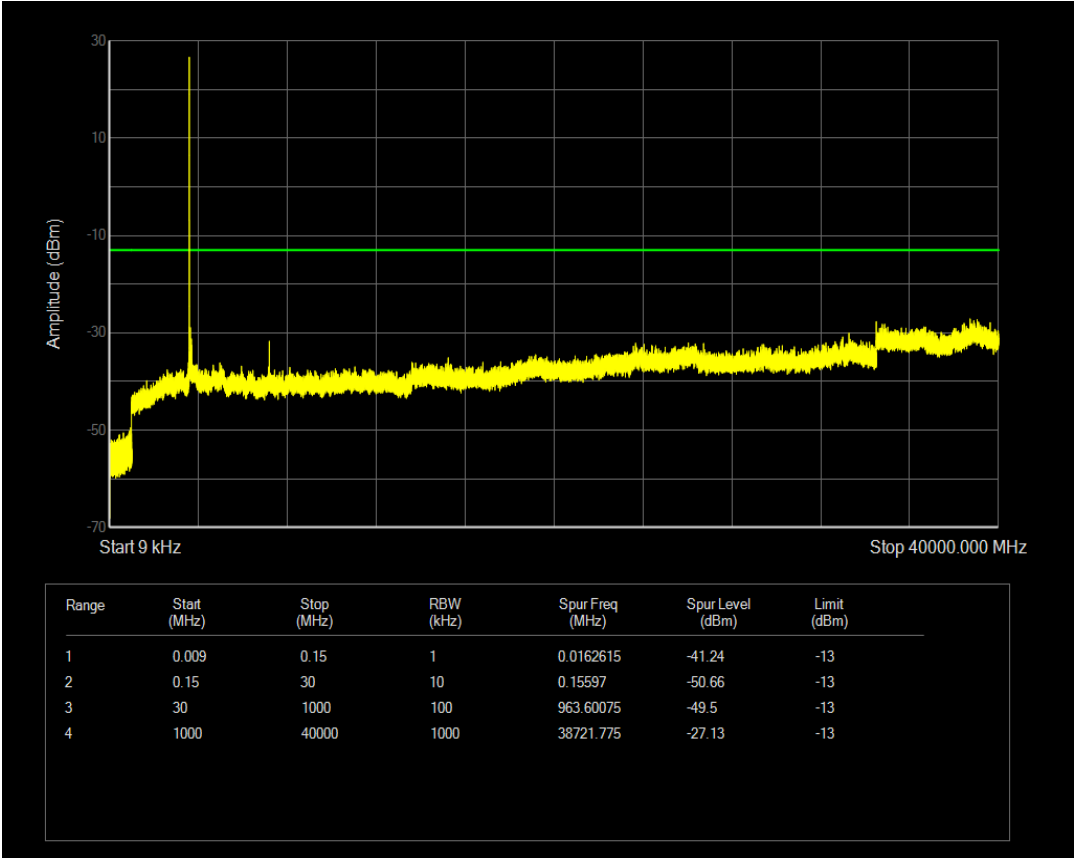
6 Out-of-band emissions for NR FR1

<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>
n78(3550-3700)	30	10	637000	24@0	CP_QPSK	38932.38	-26.89	-13	PASS
n78(3550-3700)	30	10	637000	1@0	CP_QPSK	7101.55	-26.90	-13	PASS
n78(3550-3700)	30	10	637000	1@23	CP_QPSK	39146.88	-26.00	-13	PASS
n78(3550-3700)	30	10	646332	24@0	CP_QPSK	39125.43	-27.21	-13	PASS
n78(3550-3700)	30	10	646332	1@0	CP_QPSK	36567.03	-27.33	-13	PASS
n78(3550-3700)	30	10	646332	1@23	CP_QPSK	38818.30	-27.08	-13	PASS
n78(3550-3700)	30	50	638334	133@0	CP_QPSK	38831.95	-26.88	-13	PASS
n78(3550-3700)	30	50	638334	1@0	CP_QPSK	39031.83	-26.24	-13	PASS
n78(3550-3700)	30	50	638334	1@132	CP_QPSK	38861.20	-27.21	-13	PASS
n78(3550-3700)	30	50	645000	133@0	CP_QPSK	38846.58	-27.71	-13	PASS
n78(3550-3700)	30	50	645000	1@0	CP_QPSK	38593.08	-27.87	-13	PASS
n78(3550-3700)	30	50	645000	1@132	CP_QPSK	38968.45	-27.41	-13	PASS
n78(3550-3700)	30	100	640000	273@0	CP_QPSK	38876.80	-27.09	-13	PASS
n78(3550-3700)	30	100	640000	1@0	CP_QPSK	7102.53	-26.94	-13	PASS
n78(3550-3700)	30	100	640000	1@272	CP_QPSK	38896.30	-26.99	-13	PASS
n78(3550-3700)	30	100	643332	273@0	CP_QPSK	36591.40	-27.55	-13	PASS
n78(3550-3700)	30	100	643332	1@0	CP_QPSK	38721.78	-27.13	-13	PASS
n78(3550-3700)	30	100	643332	1@272	CP_QPSK	39089.35	-26.93	-13	PASS

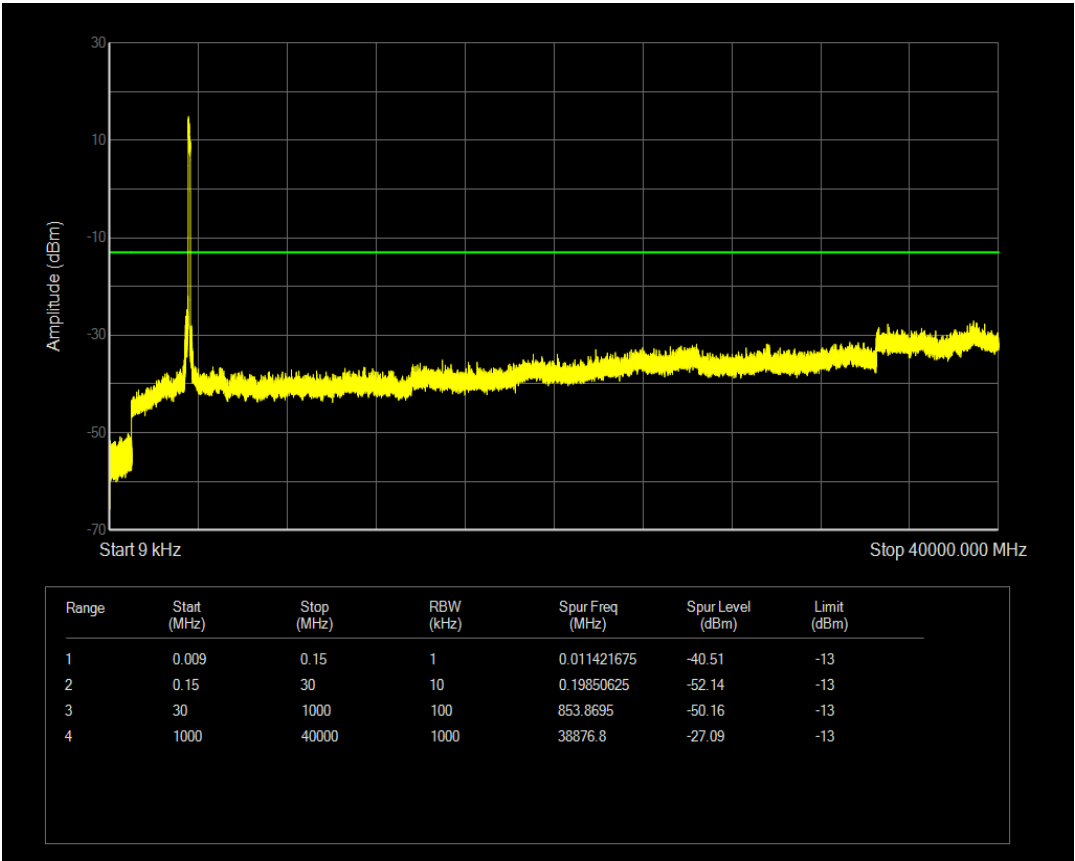
n78(3550-3700) SCS=30kHz CP_QPSK BW=100MHz Channel=640000 RB=1@0



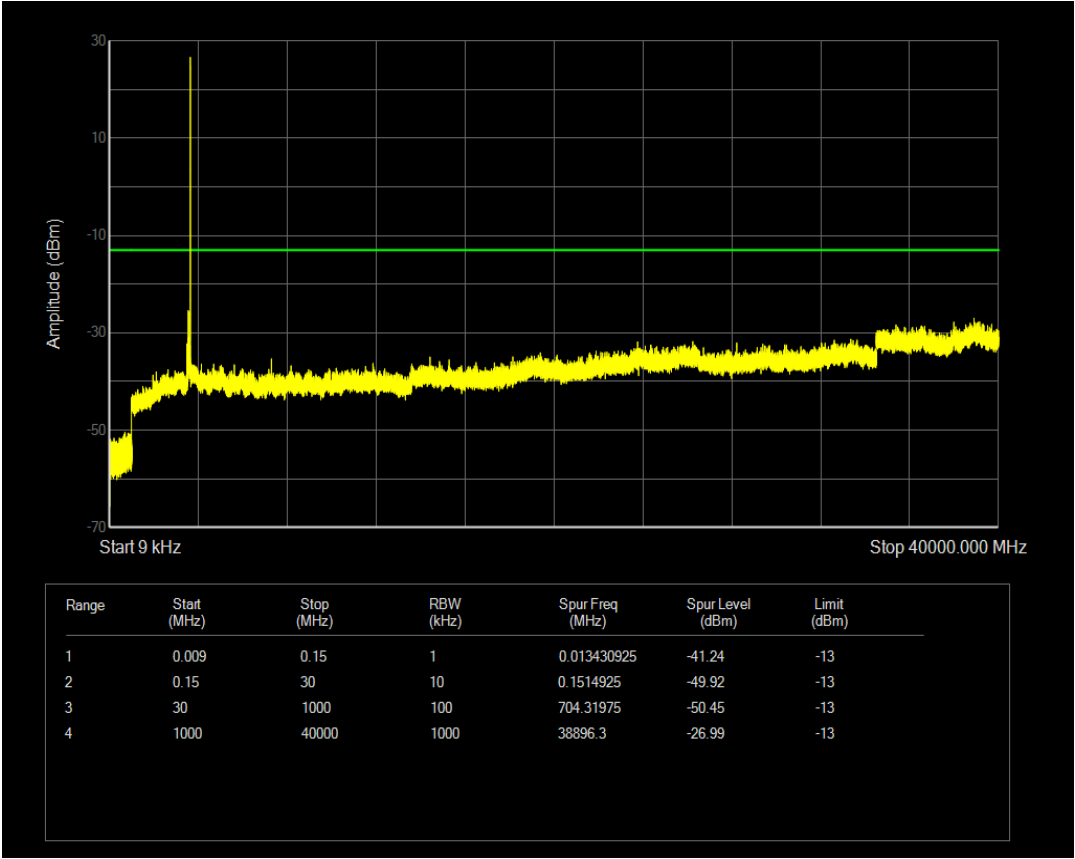
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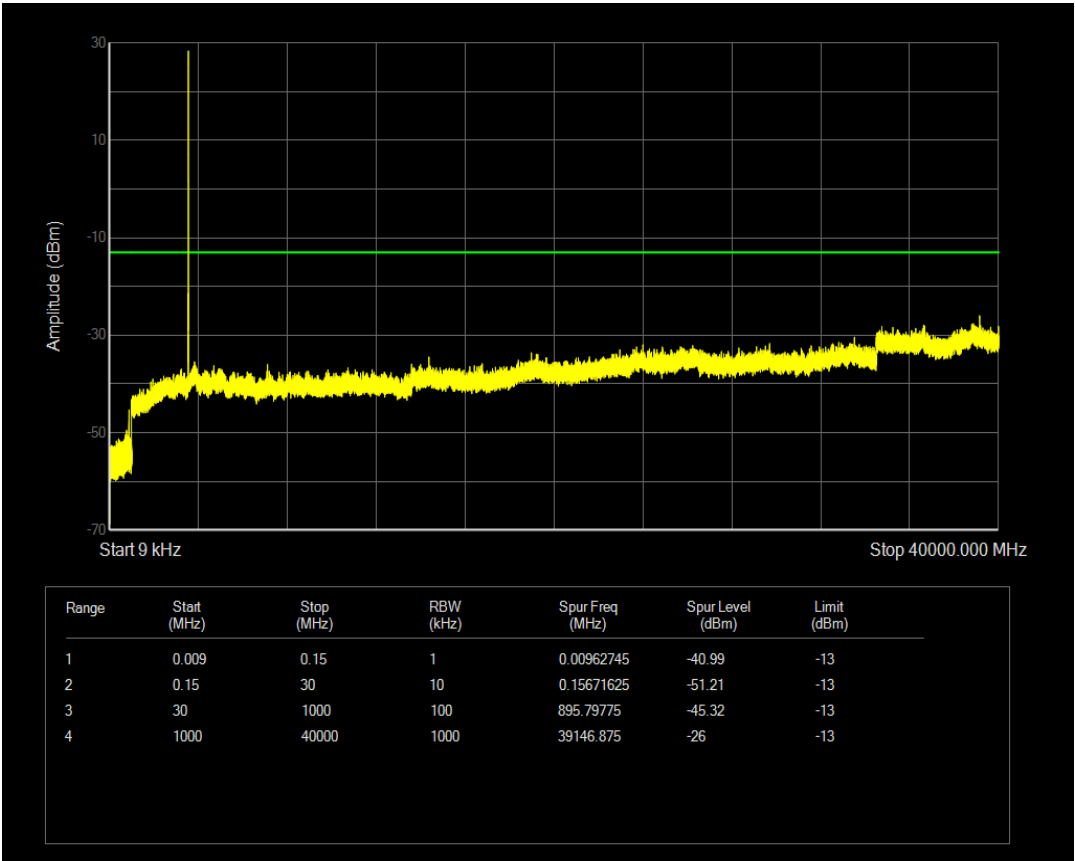
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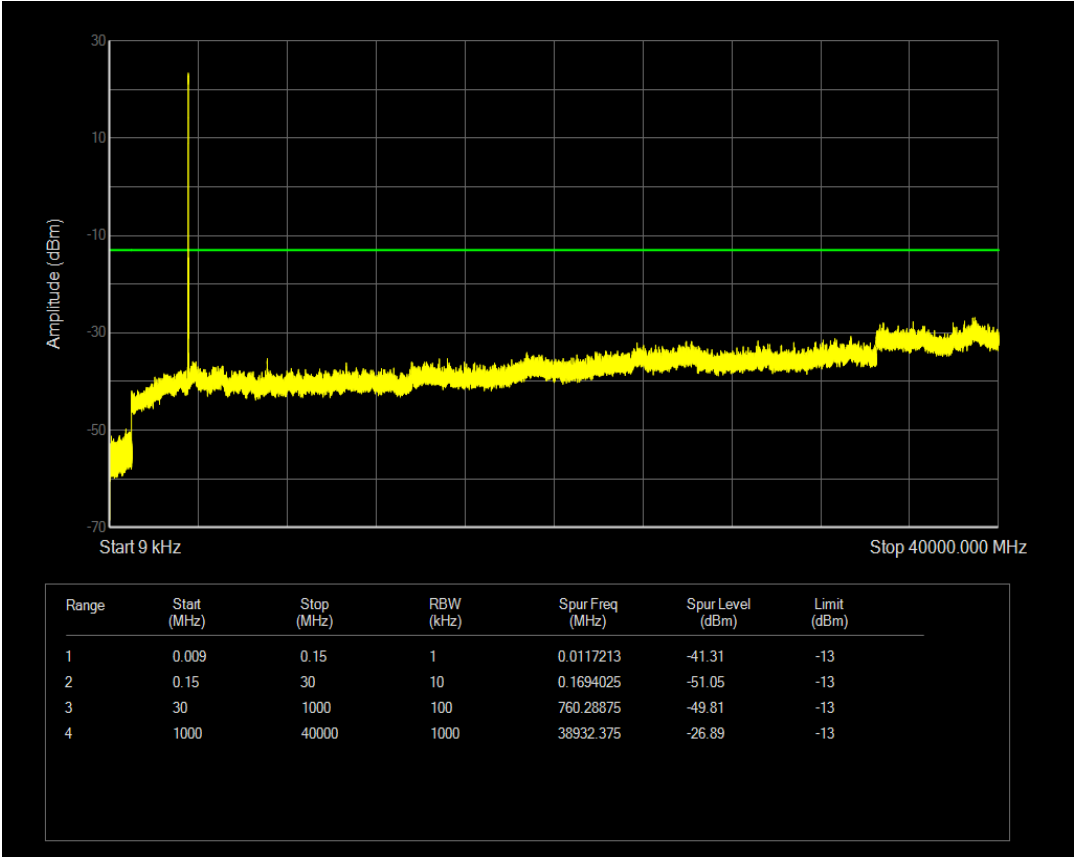
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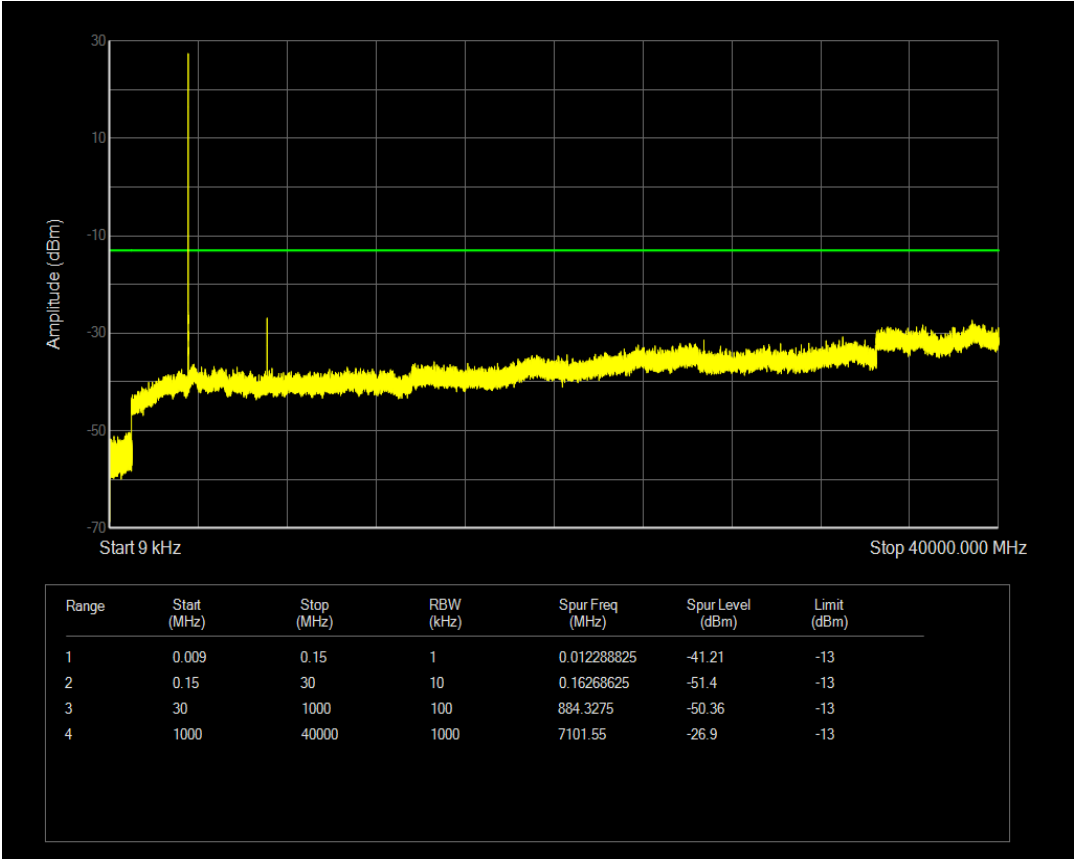
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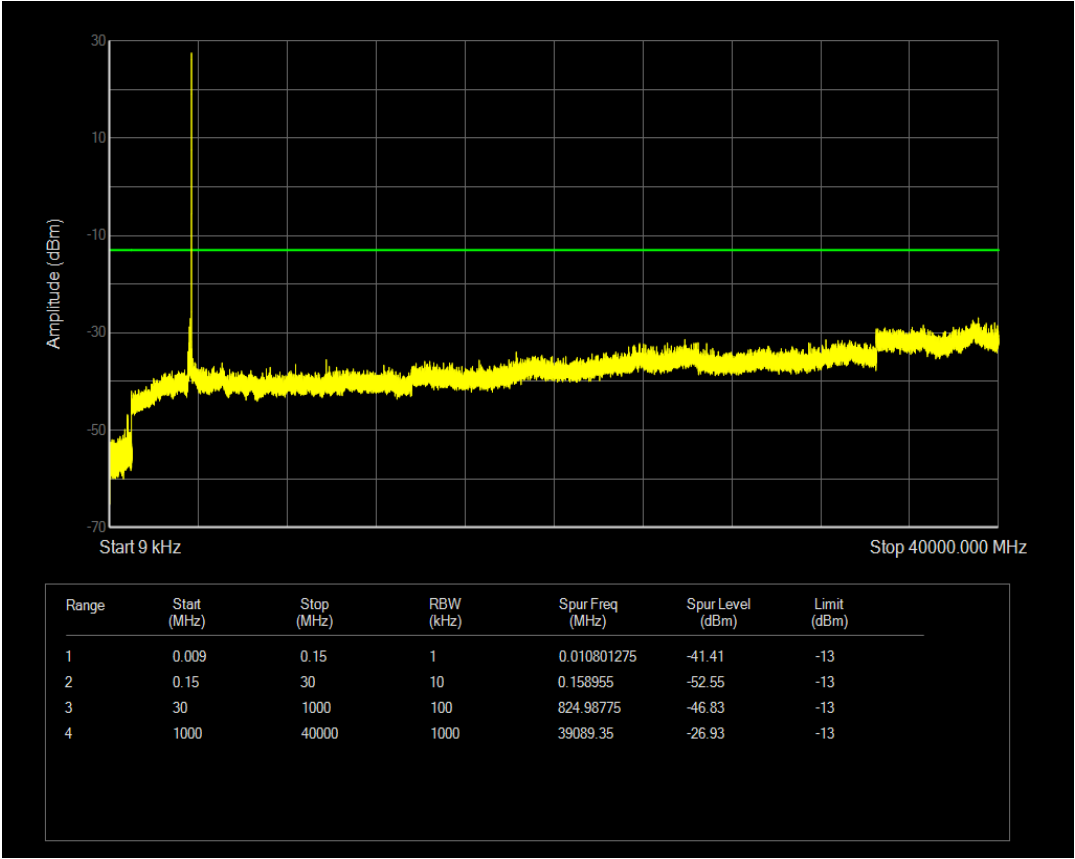
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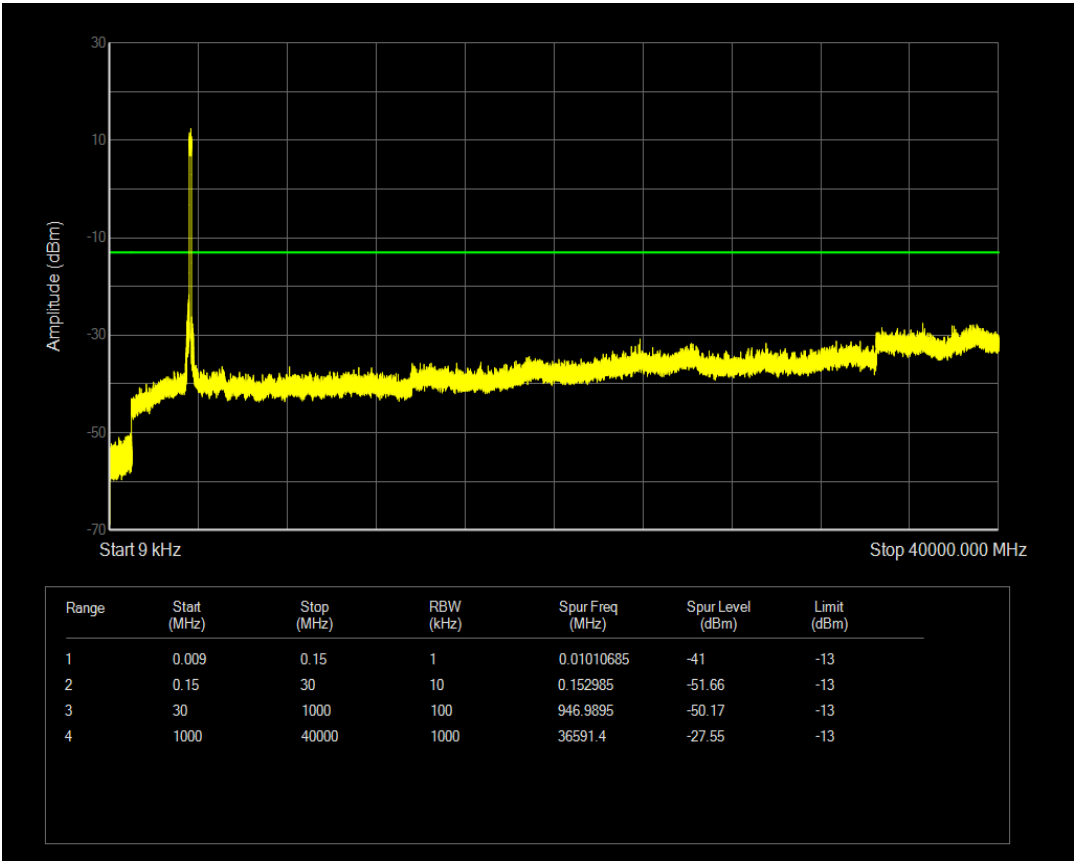
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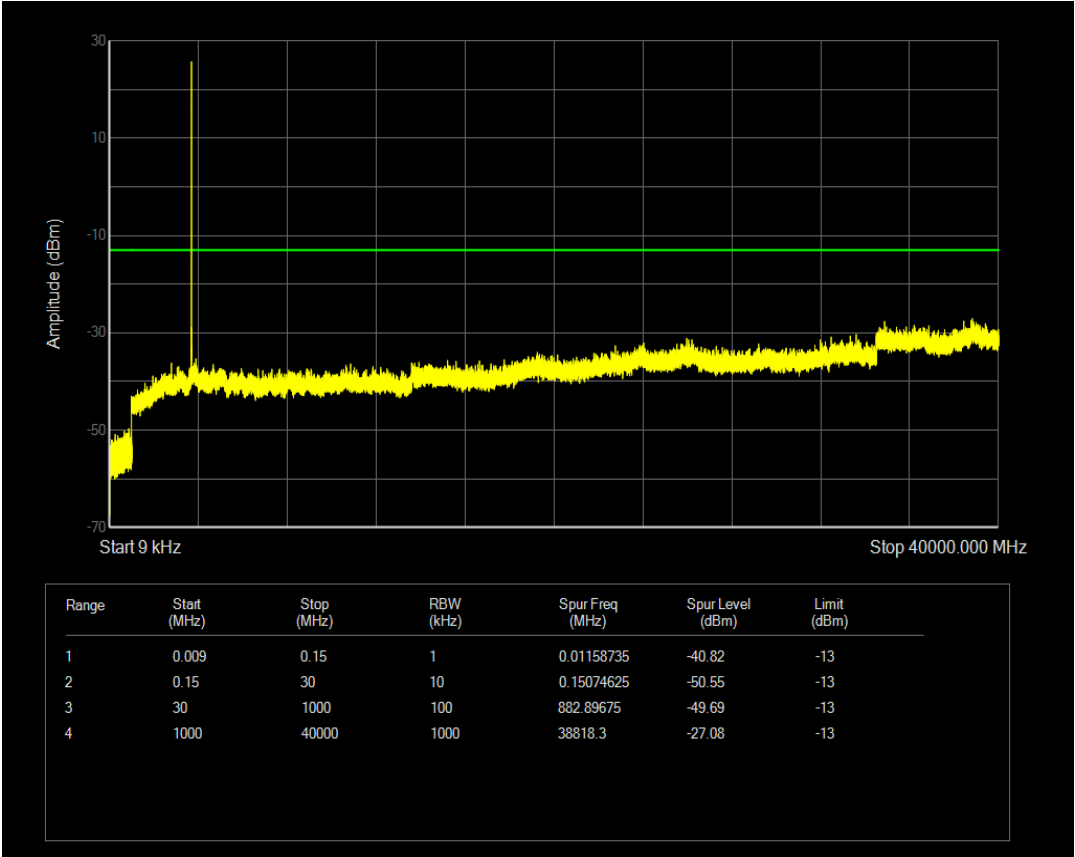
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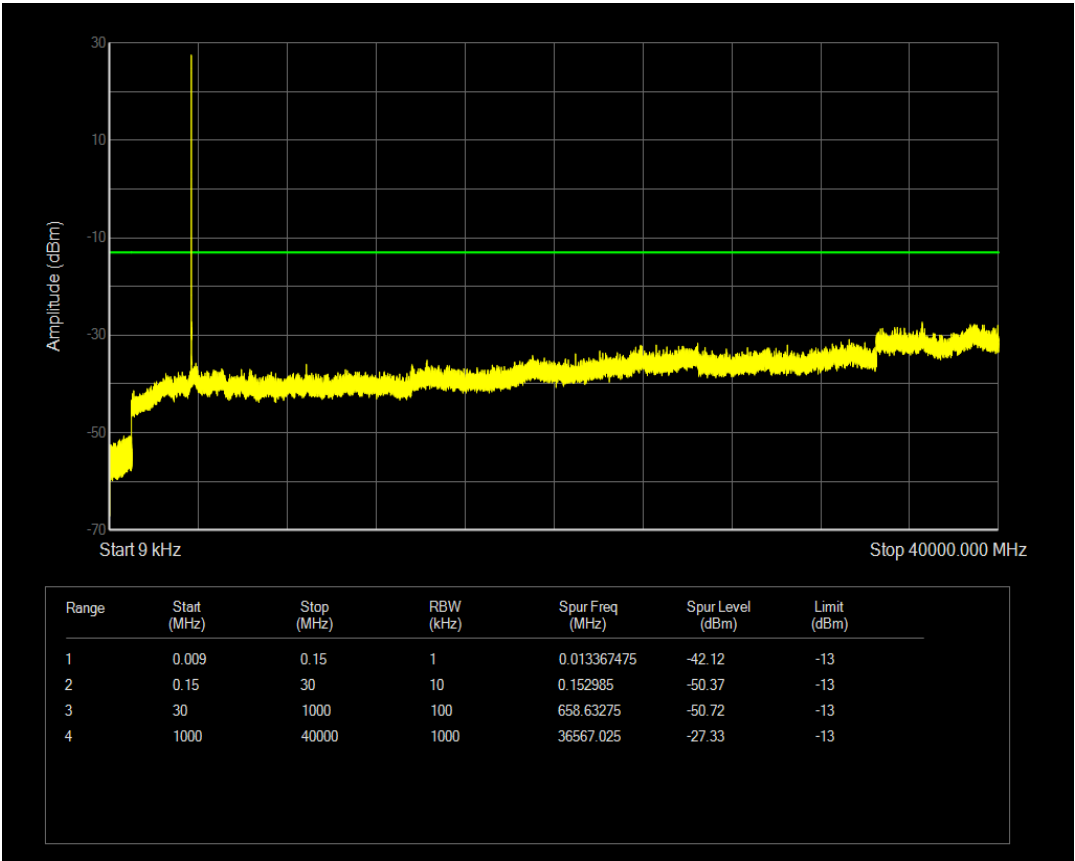
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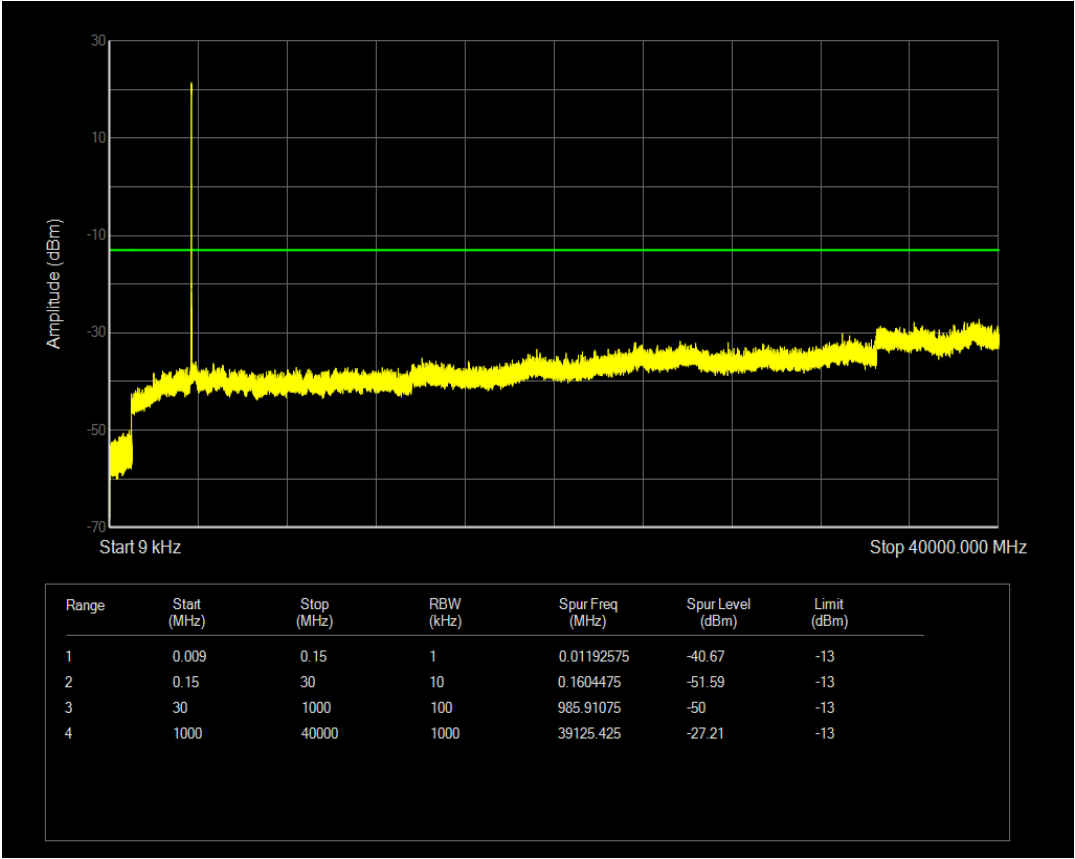
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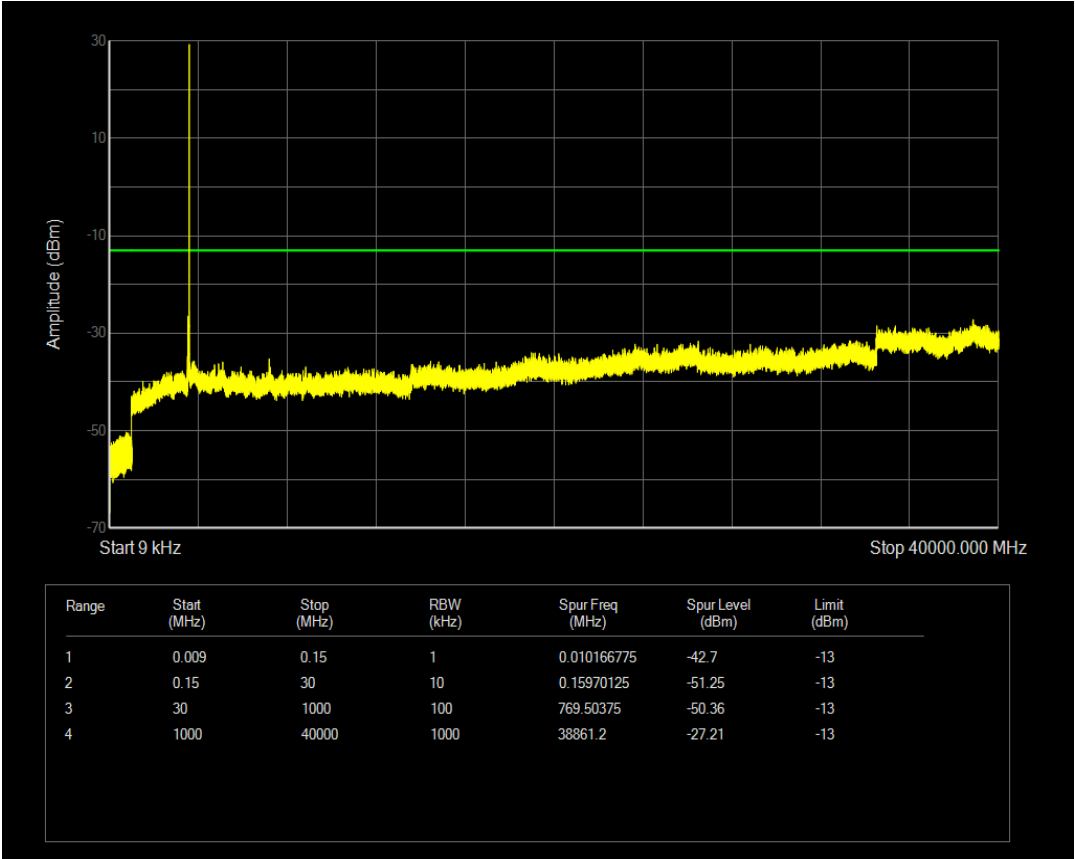
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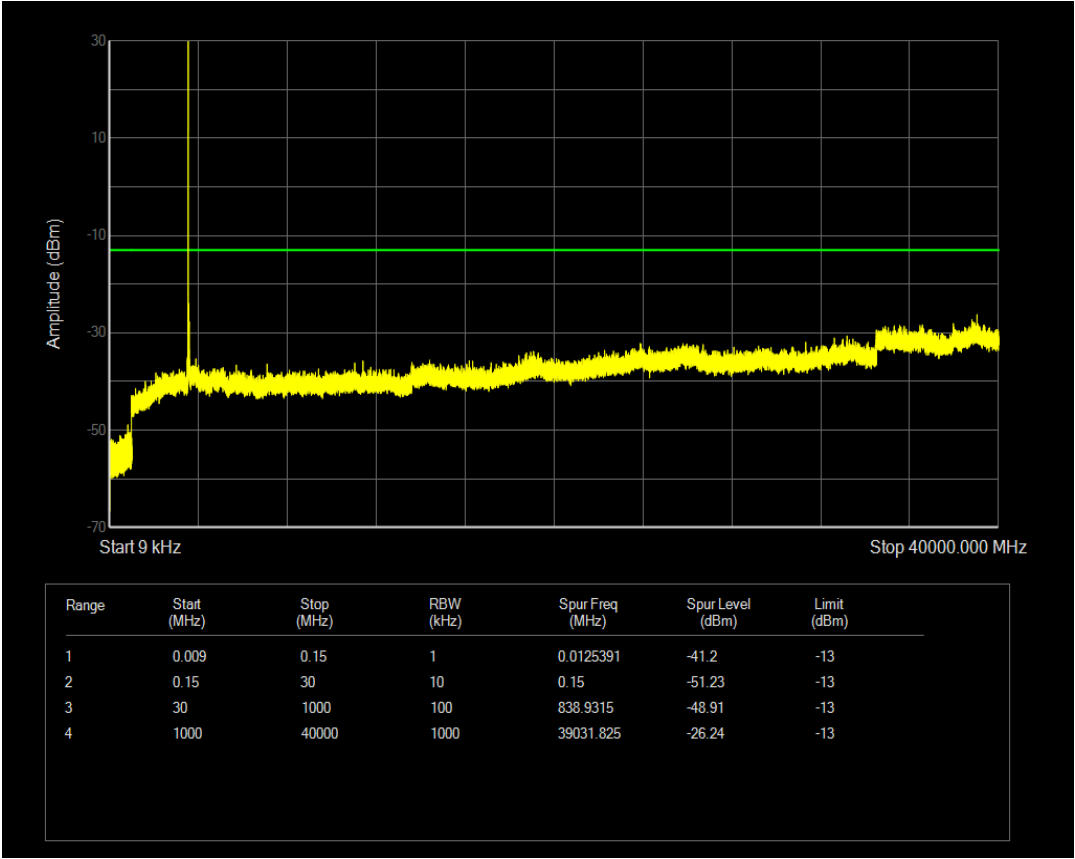
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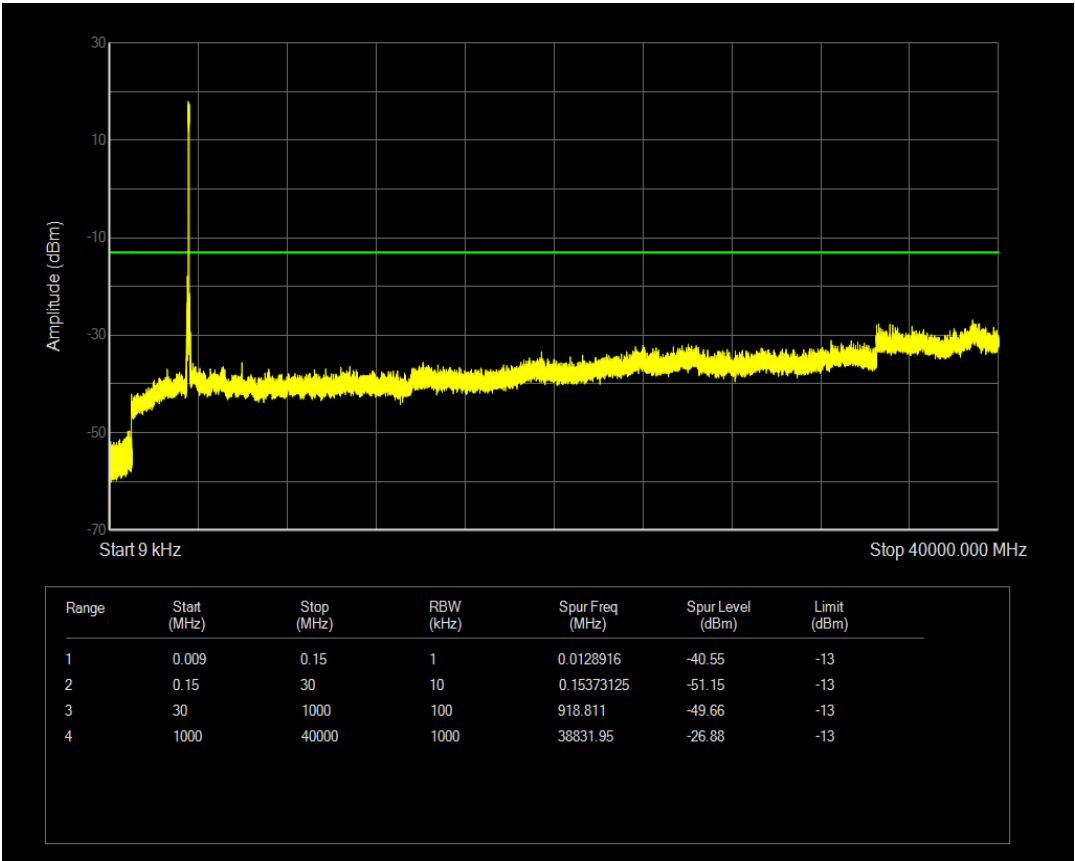
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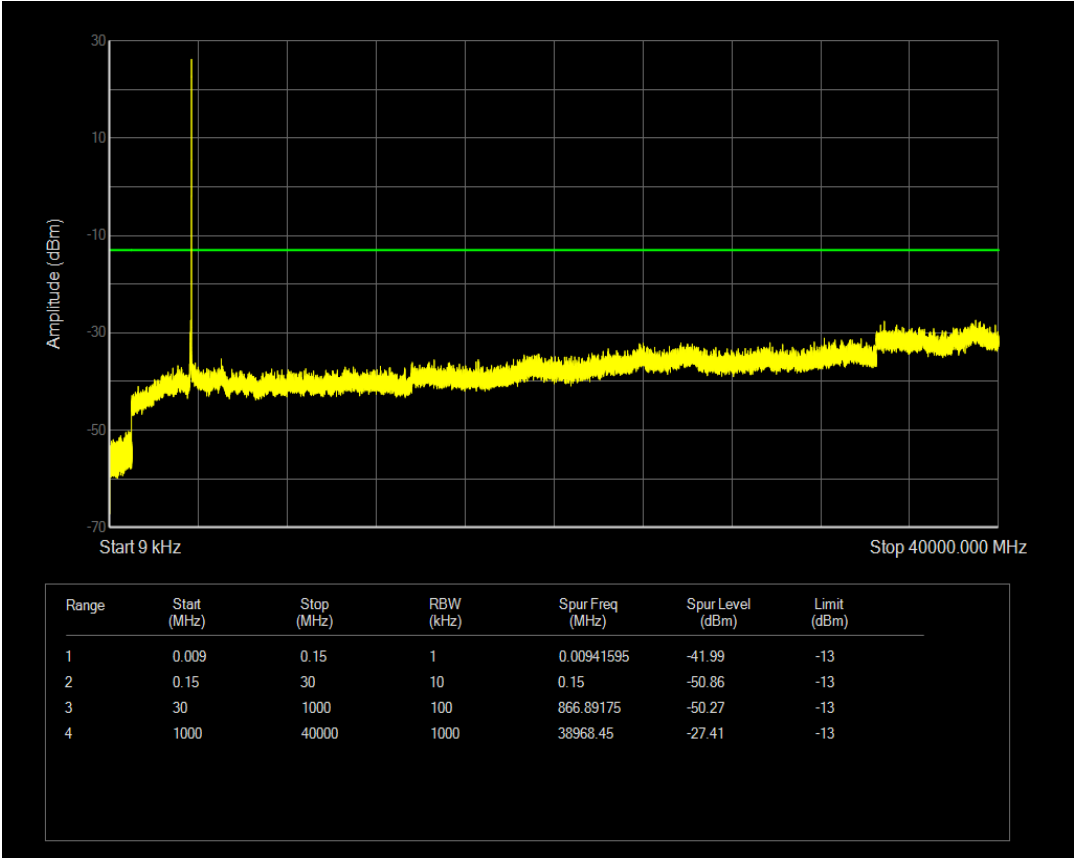
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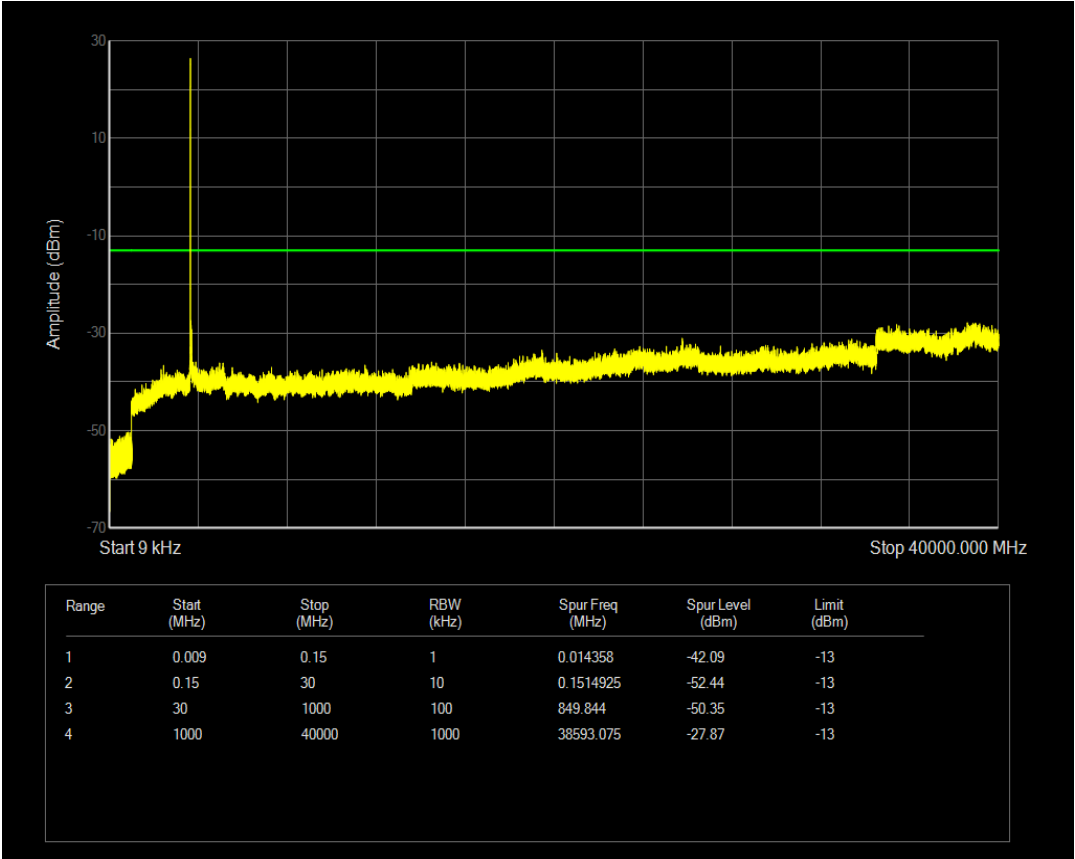
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n78(3550-3700) SCS=30kHz CP_QPSK BW=50MHz Channel=645000 RB=1@132



n78(3550-3700) SCS=30kHz CP_QPSK BW=50MHz Channel=645000 RB=1@0



n78(3550-3700) SCS=30kHz CP_QPSK BW=50MHz Channel=645000 RB=133@0

