



n66 SCS=15kHz DFT_QAM16 BW=10MHz Channel=349000 RB=50@0



n66 SCS=15kHz DFT_QAM64 BW=10MHz Channel=349000 RB=50@0



n66 SCS=15kHz DFT_QAM256 BW=5MHz Channel=349000 RB=25@0



n66 SCS=15kHz DFT_QAM64 BW=20MHz Channel=349000 RB=100@0



n66 SCS=15kHz DFT_QAM64 BW=15MHz Channel=349000 RB=75@0



n66 SCS=15kHz DFT_QAM256 BW=15MHz Channel=349000 RB=75@0



n66 SCS=15kHz DFT_QAM256 BW=10MHz Channel=349000 RB=50@0



n66 SCS=15kHz DFT_QAM256 BW=40MHz Channel=349000 RB=216@0



n66 SCS=15kHz DFT_QAM256 BW=20MHz Channel=349000 RB=100@0



n66 SCS=15kHz DFT_QAM64 BW=5MHz Channel=349000 RB=25@0



n66 SCS=15kHz DFT_QAM64 BW=40MHz Channel=349000 RB=216 @0



n66 SCS=15kHz DFT_QPSK BW=10MHz Channel=349000 RB=50 @0



n66 SCS=15kHz DFT_QPSK BW=40MHz Channel=349000 RB=216@0



n66 SCS=15kHz DFT_QPSK BW=5MHz Channel=349000 RB=25@0



n66 SCS=15kHz DFT_QPSK BW=15MHz Channel=349000 RB=75@0



n66 SCS=15kHz DFT_QPSK BW=20MHz Channel=349000 RB=100@0

KEYSIGHT Keysight RF Application (3.5.134.12281)

LTE1 Band B5 ARFCN/Freq D: 2600 889.00 MHz U: 20600 844.00 MHz Cell Power -30.00 dBm/BW CLPC All Up Bits

NR1 Band N66 DL BW 20 MHz Low Mid High ARFCN/Freq D: 429000 2145.00 MHz U: 349000 1745.00 MHz Cell Power -43.73 dBm/BW CLPC All Up Bits

Test Case 6.2B.1.3 FR1 ENDC UE Maximum Output Power

NSA

Measurement BLER/Tput UE Info. Msg. Summary NR UE Power: 18 dBm DL BLER: - %

Duplex: FDD Port: RFIO1 Freq: 1745 MHz EIP: 21 dBm Measuring Acquiring Avg: 6/6

Pass/Fail	Pass
OBW	18.778 MHz
Tx Freq Err	0.00 Hz
X dB BW	18.16 MHz
Total Power	18.37 dBm

Cell Quick Config

LTE1 NR1 Common

UL RMC Quick Config DFT-s-OFDM-QPSK

UL RB Allocation Type Contiguous

UL RB Allocation Custom Start/Count 0 100

UL MCS/Table MCS Table 64 QAM

UL Waveform DFT-s-OFDM Pi/2 BPSK OFF

Additional Spectrum Emission ON NS_01

P-Max OFF p-NR-FR1 20

MAC Padding DL Off UL On

Test Case Params

Local

Ready

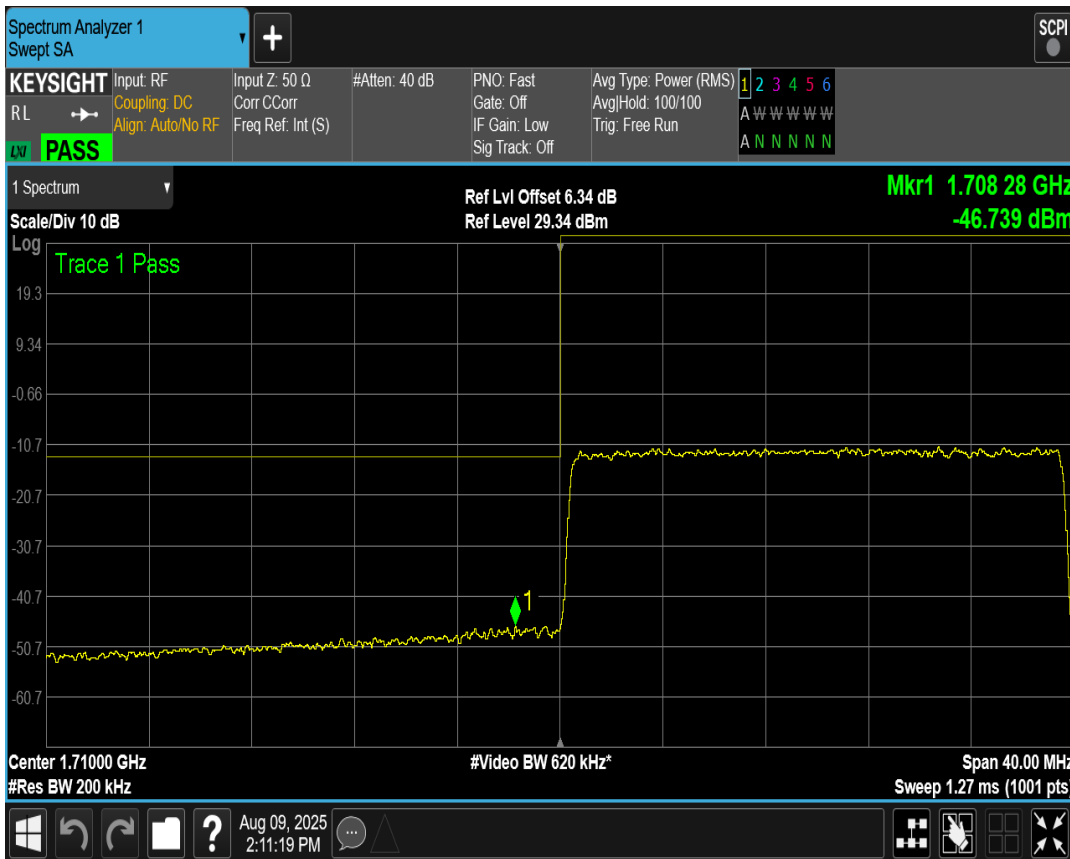
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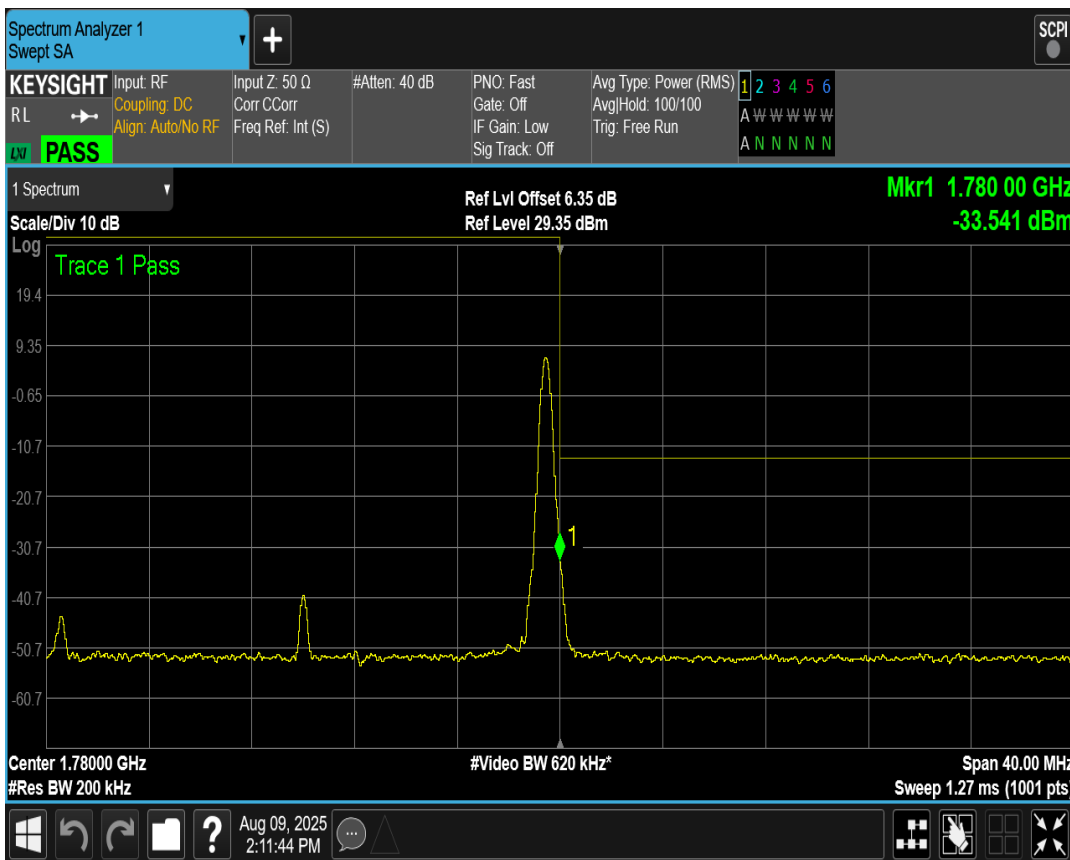
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	15	5	342500	25@0	CP_QPSK	1706.29	-57.42	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	1707.16	-51.61	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	1709.92	-51.28	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	1780.00	-45.90	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	1782.55	-51.01	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	1780.00	-18.29	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	1708.28	-46.73	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	1710.00	-41.06	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	1700.20	-51.55	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	1780.80	-46.78	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	1789.84	-51.10	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	1780.00	-33.54	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	1710.00	-42.34	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	1710.00	-33.11	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	1703.92	-51.82	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	1780.00	-37.45	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	1787.44	-51.33	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	1780.00	-34.00	-13	PASS

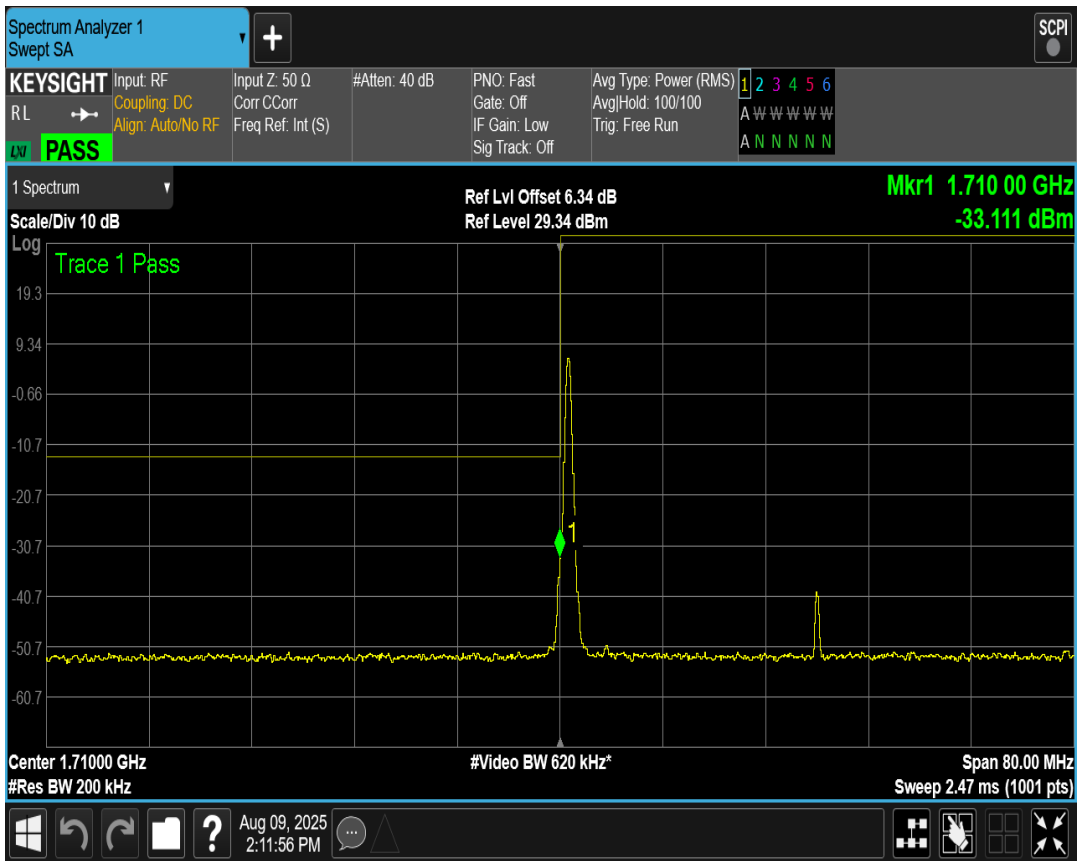
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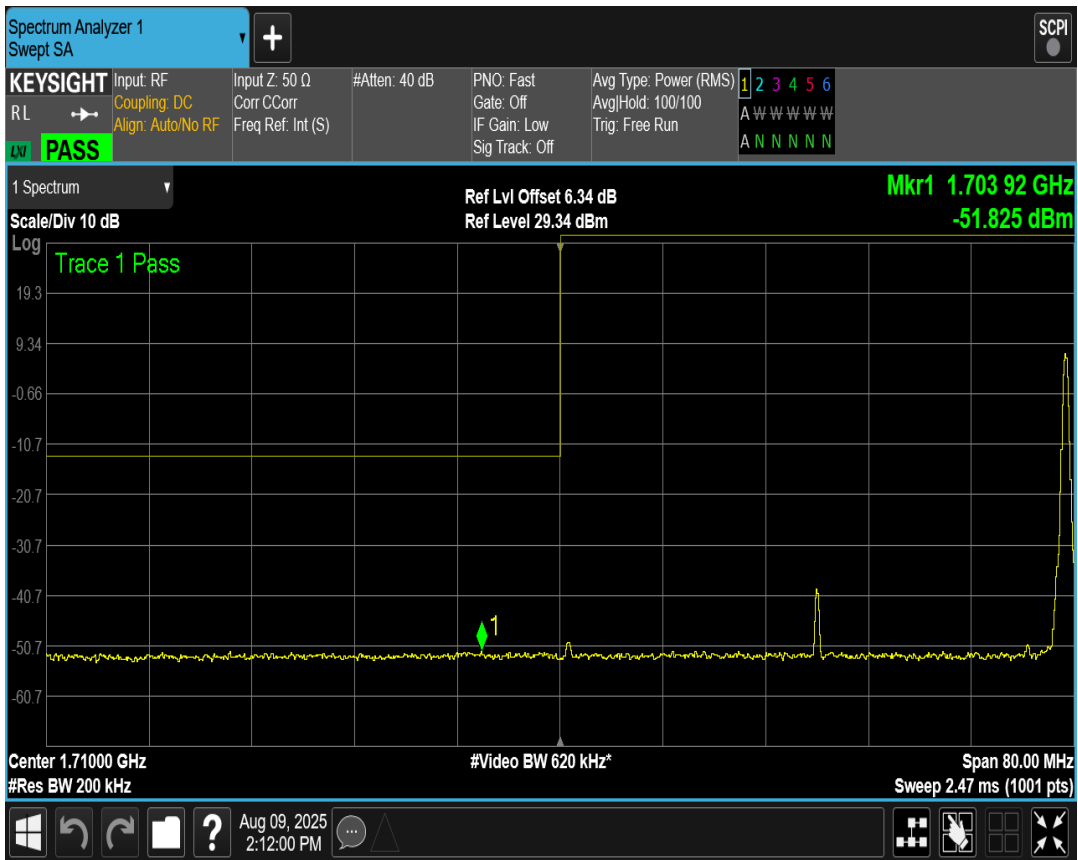
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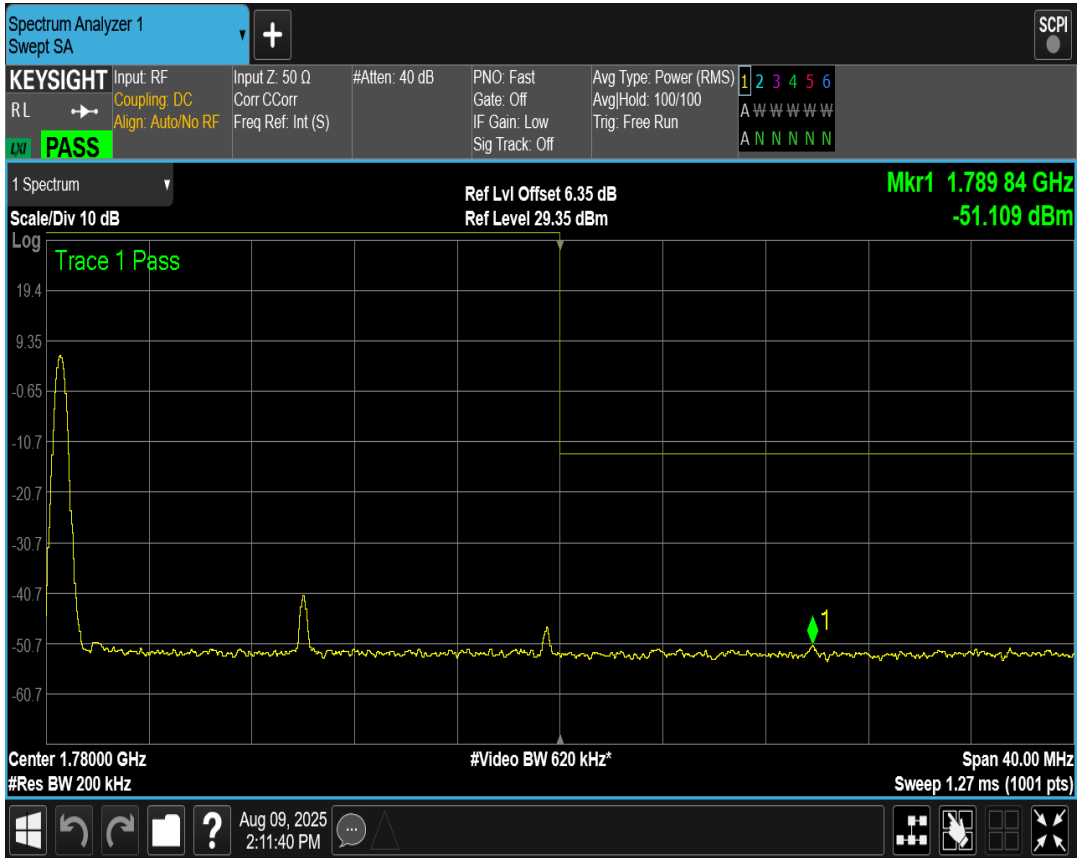
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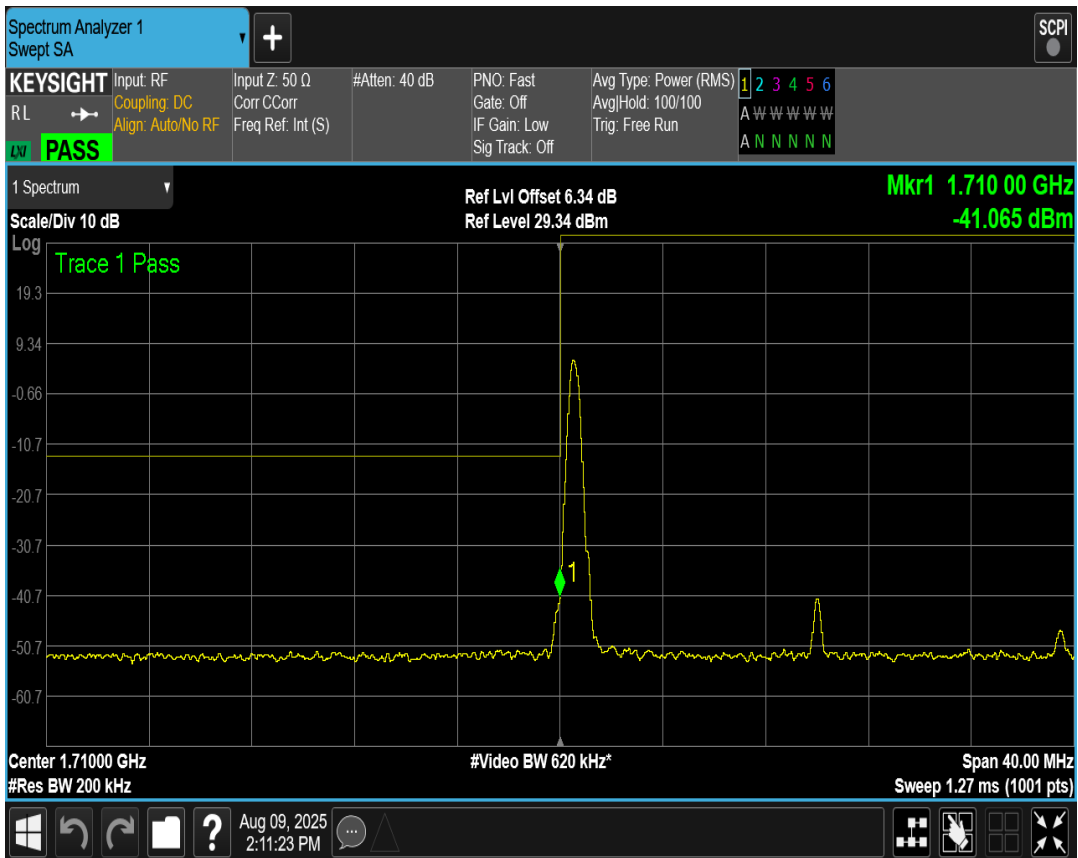
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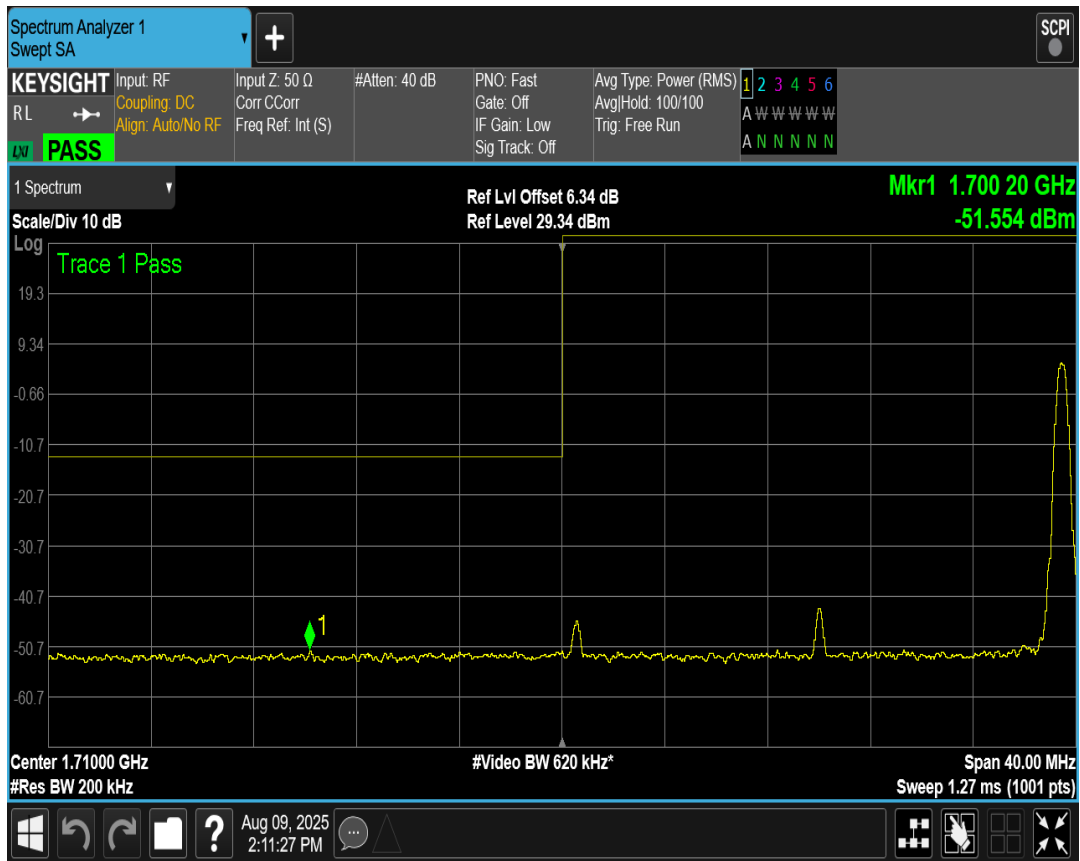
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n66 SCS=15kHz CP_QPSK BW=20MHz Channel=344000 RB=1@0



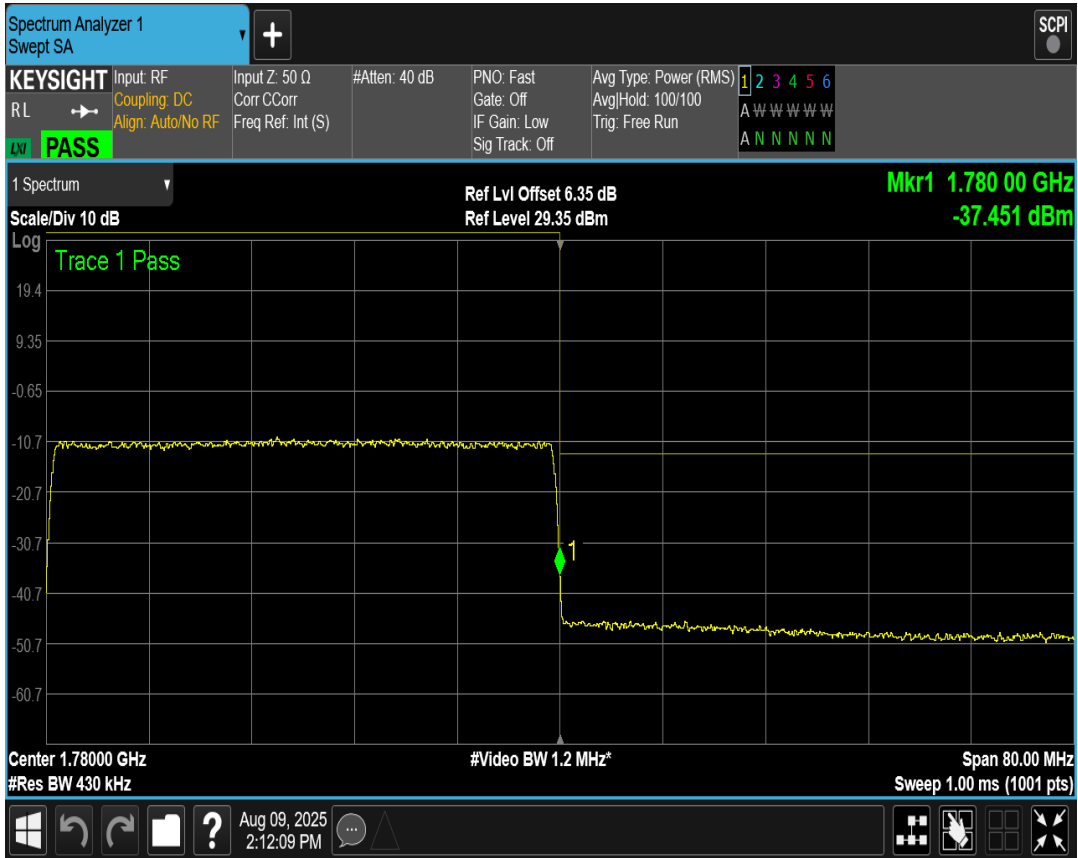
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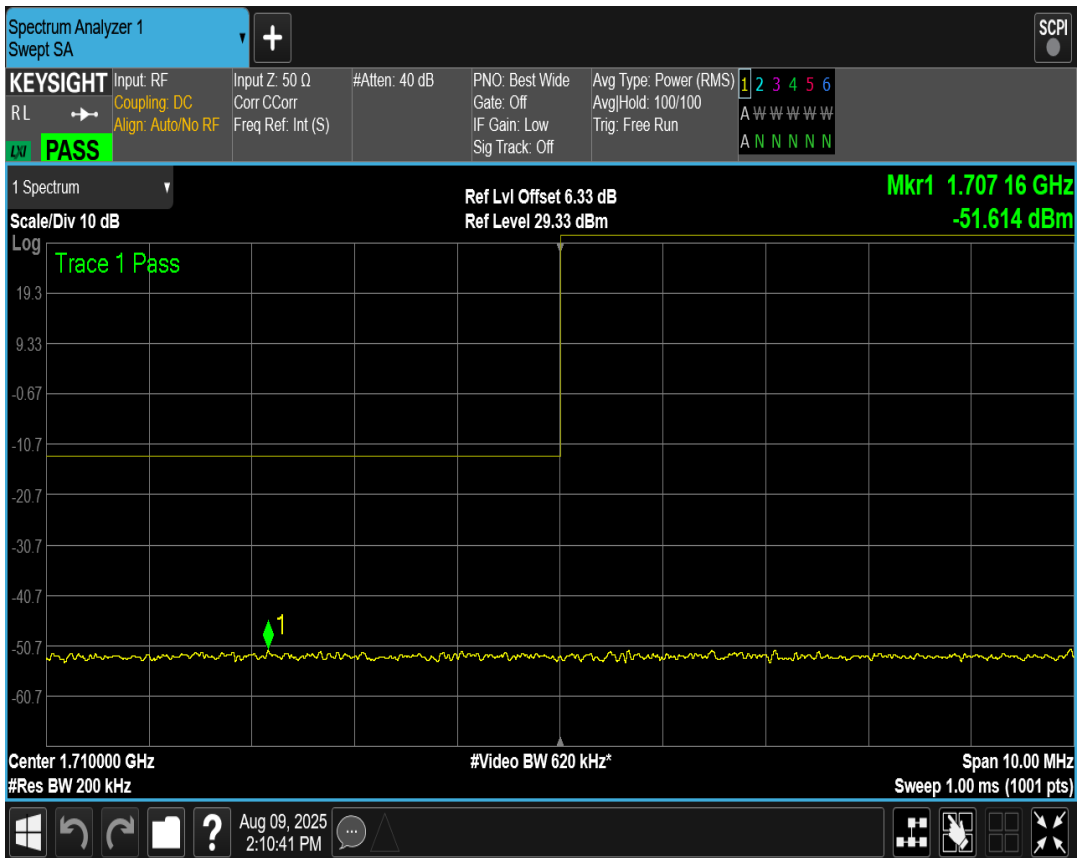
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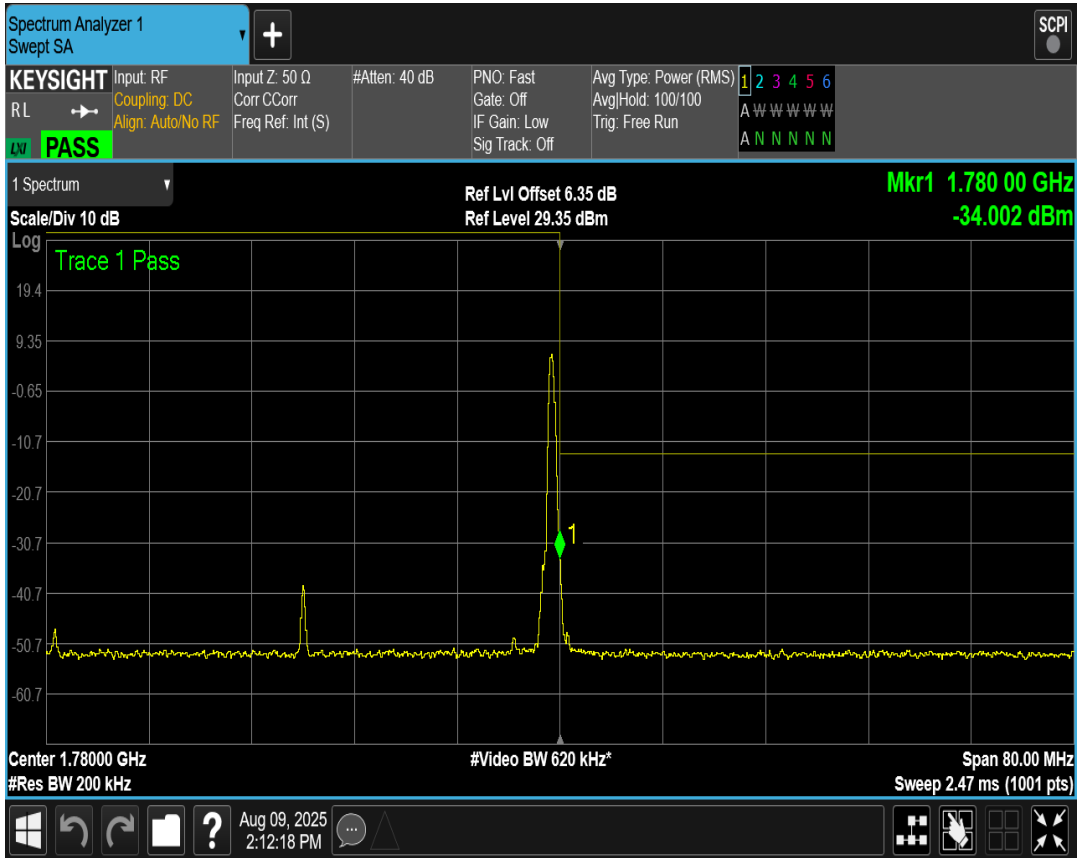
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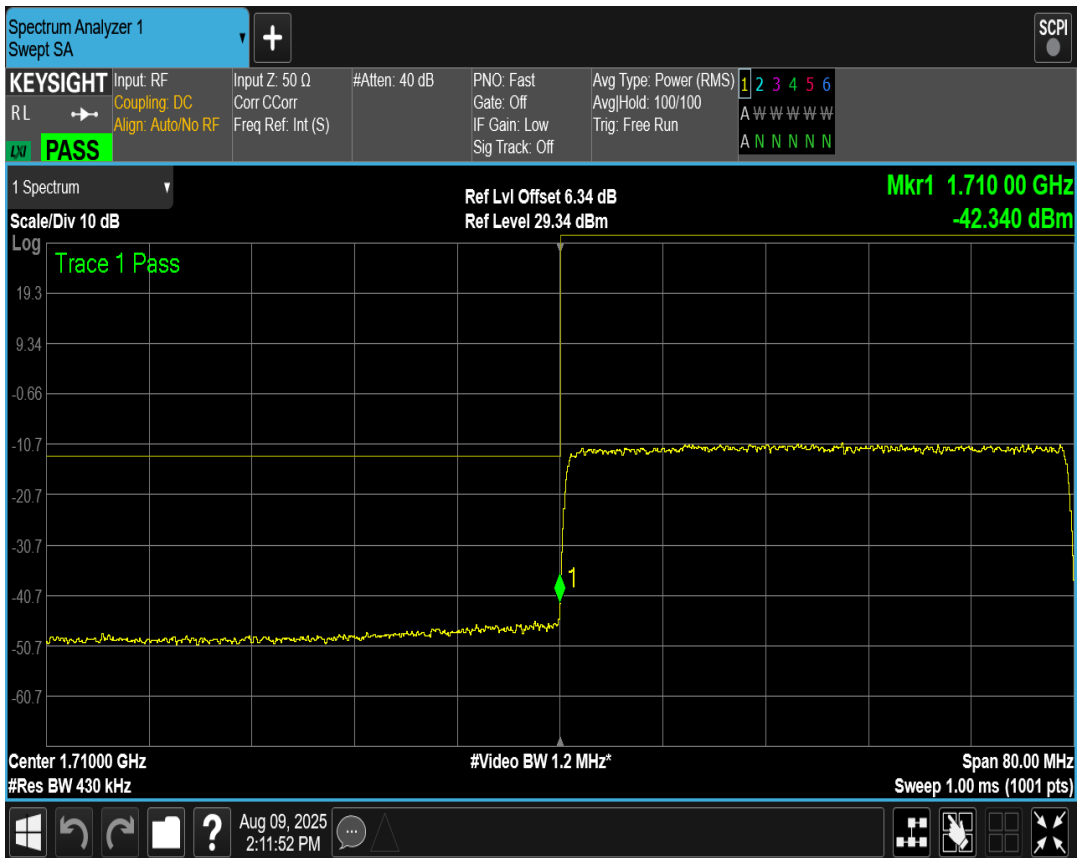
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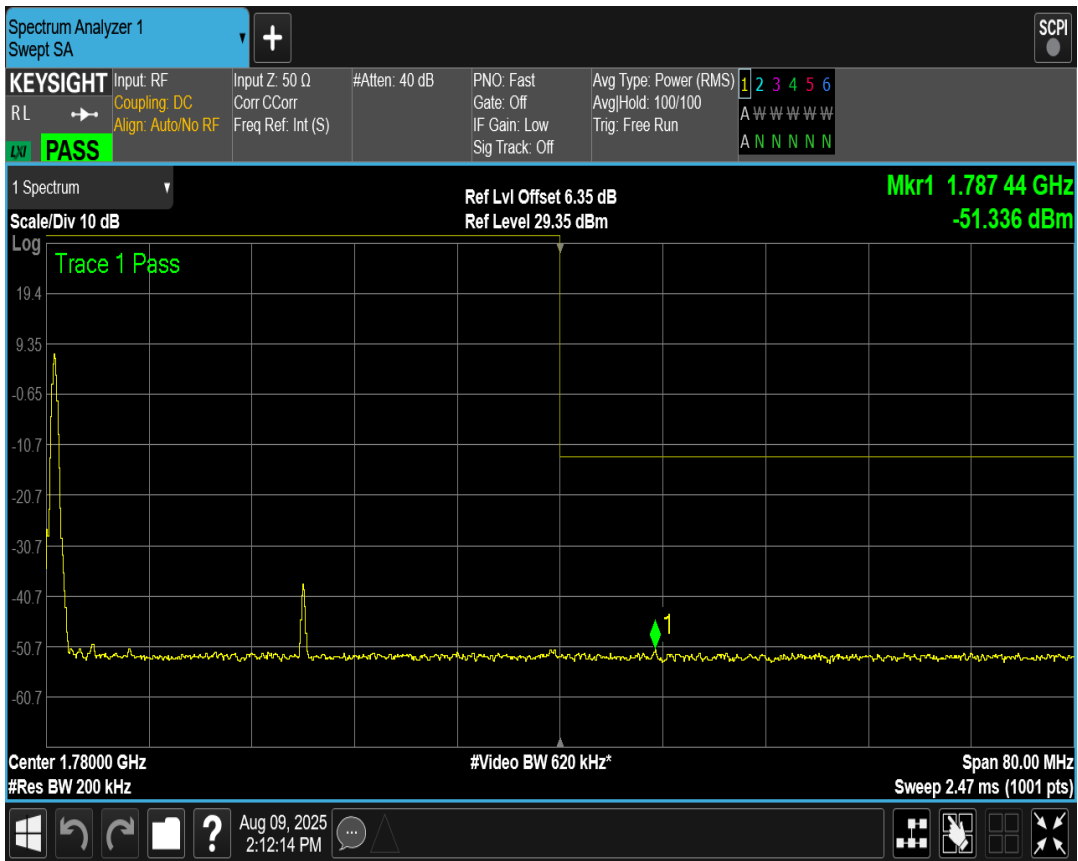
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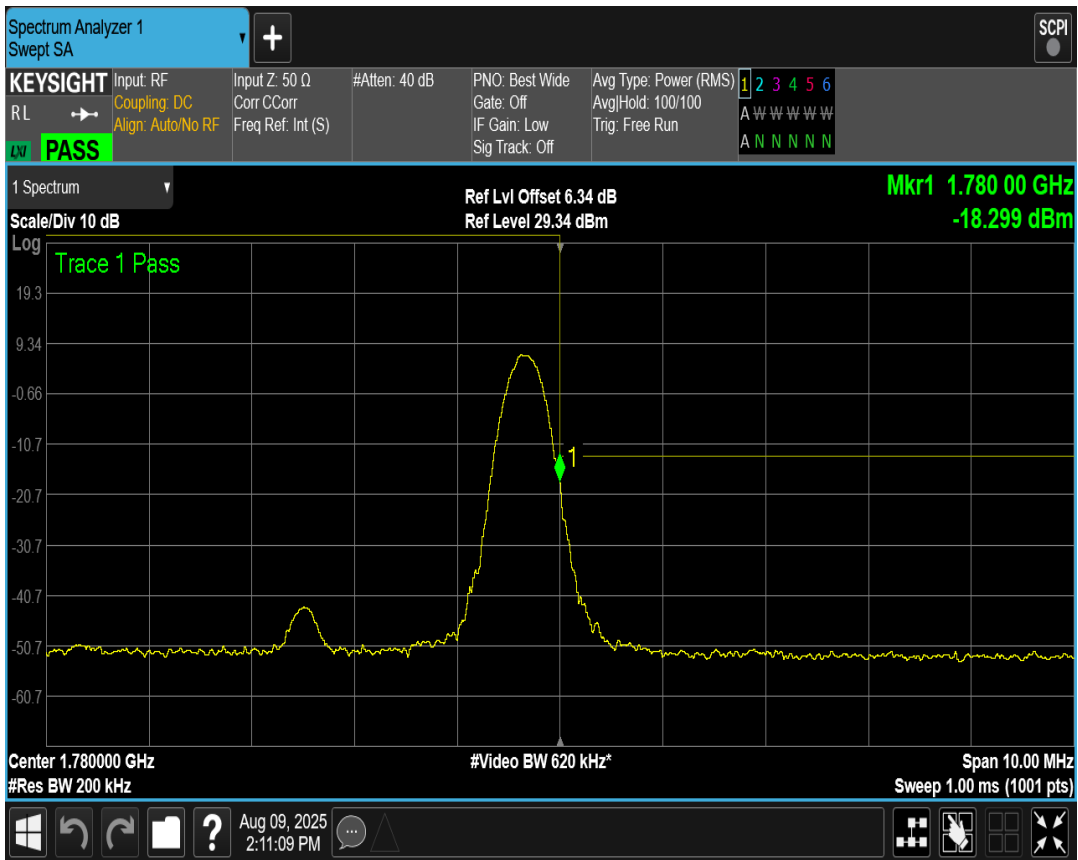
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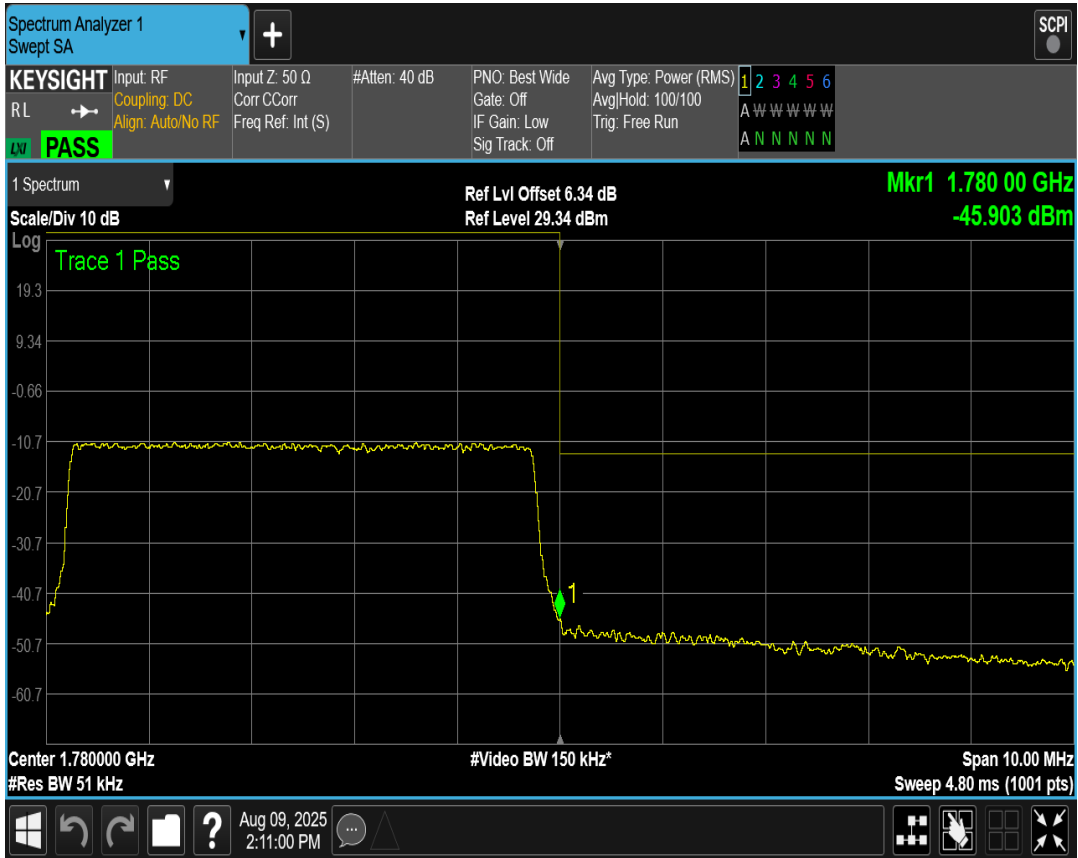
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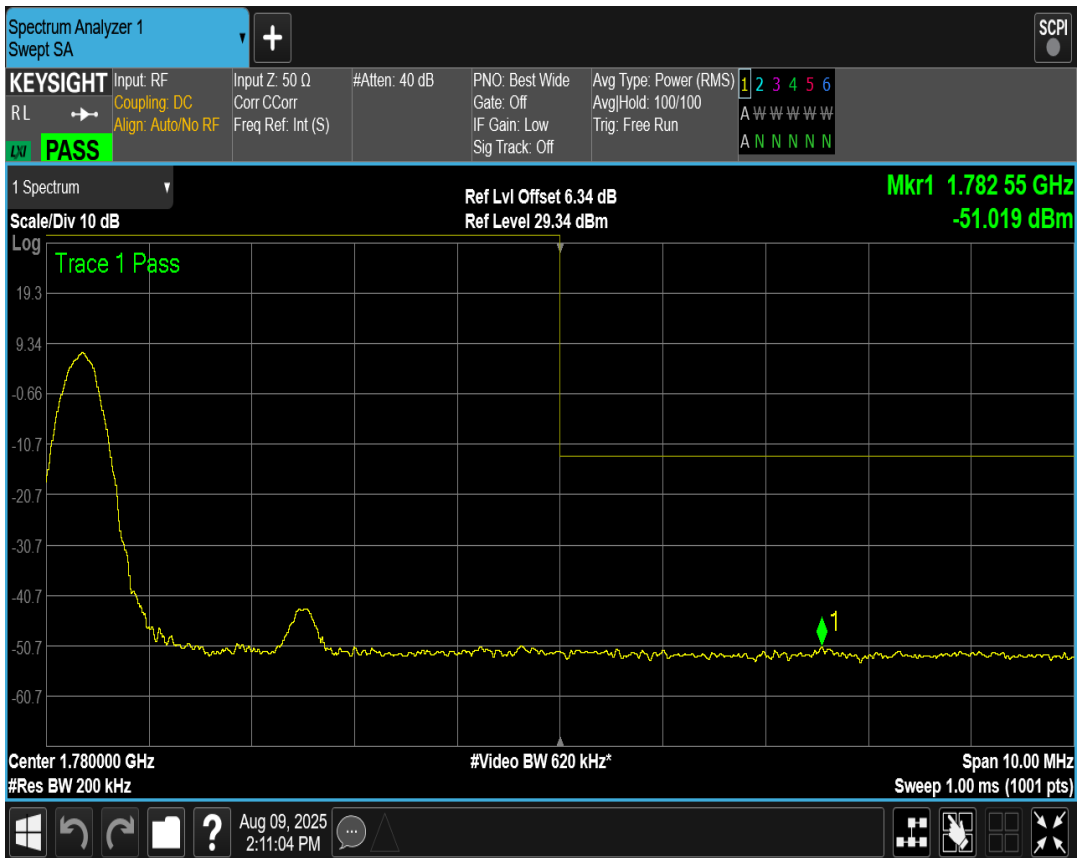
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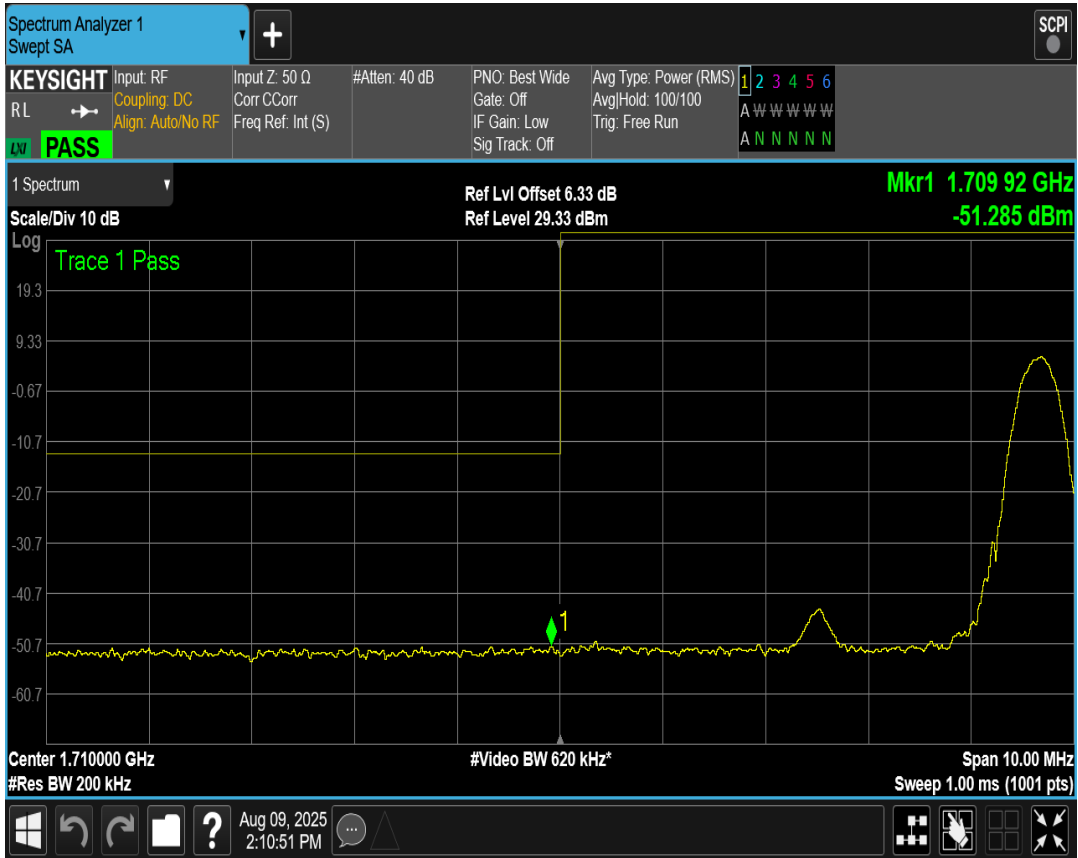
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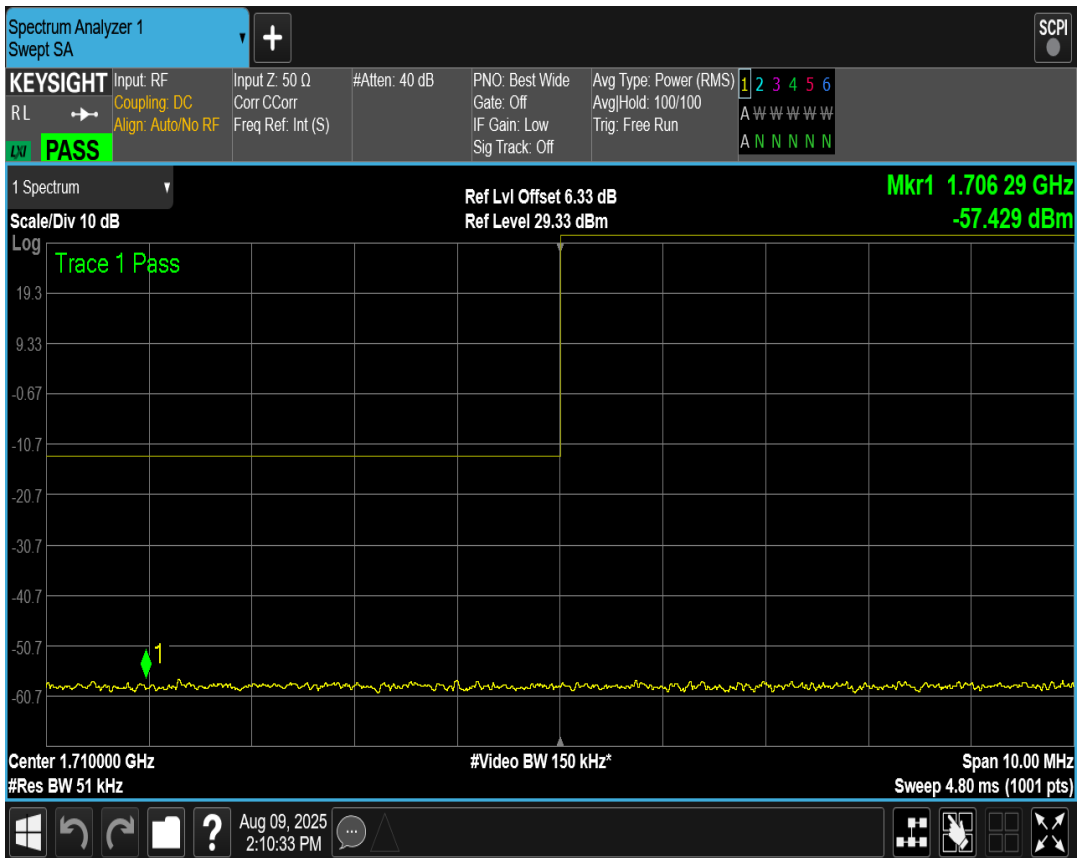
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n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=1 @24



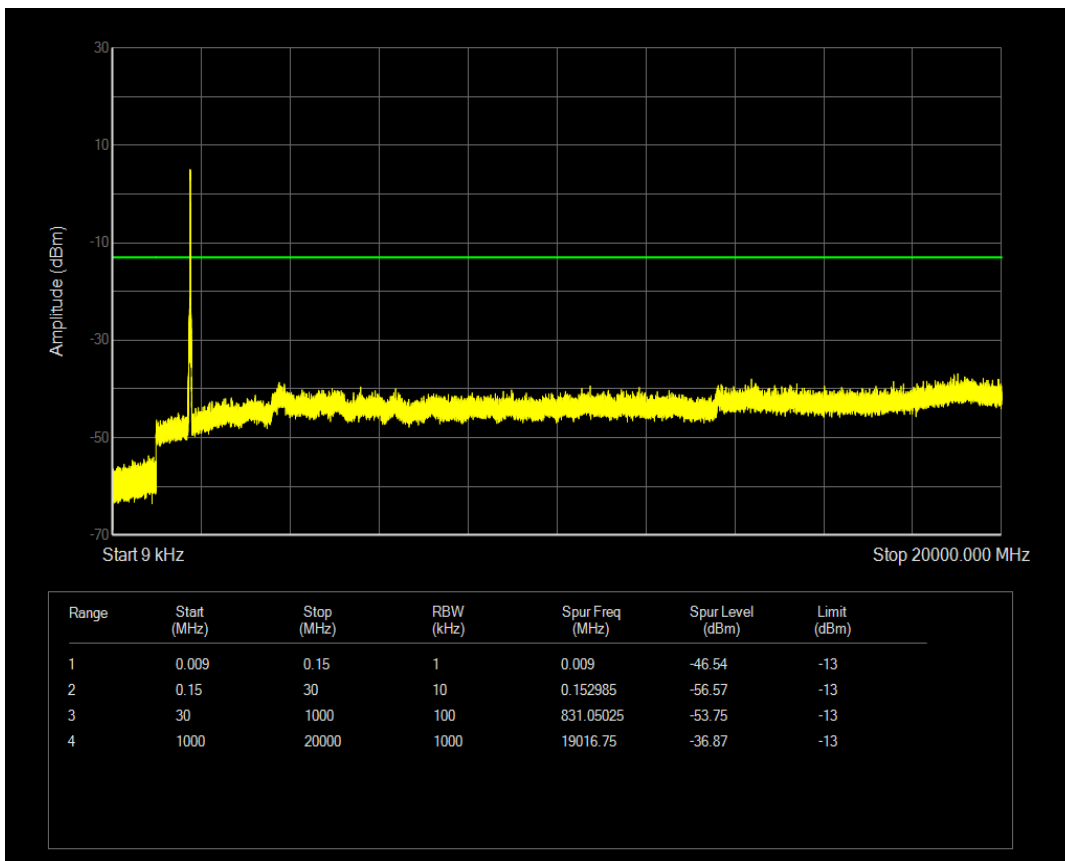
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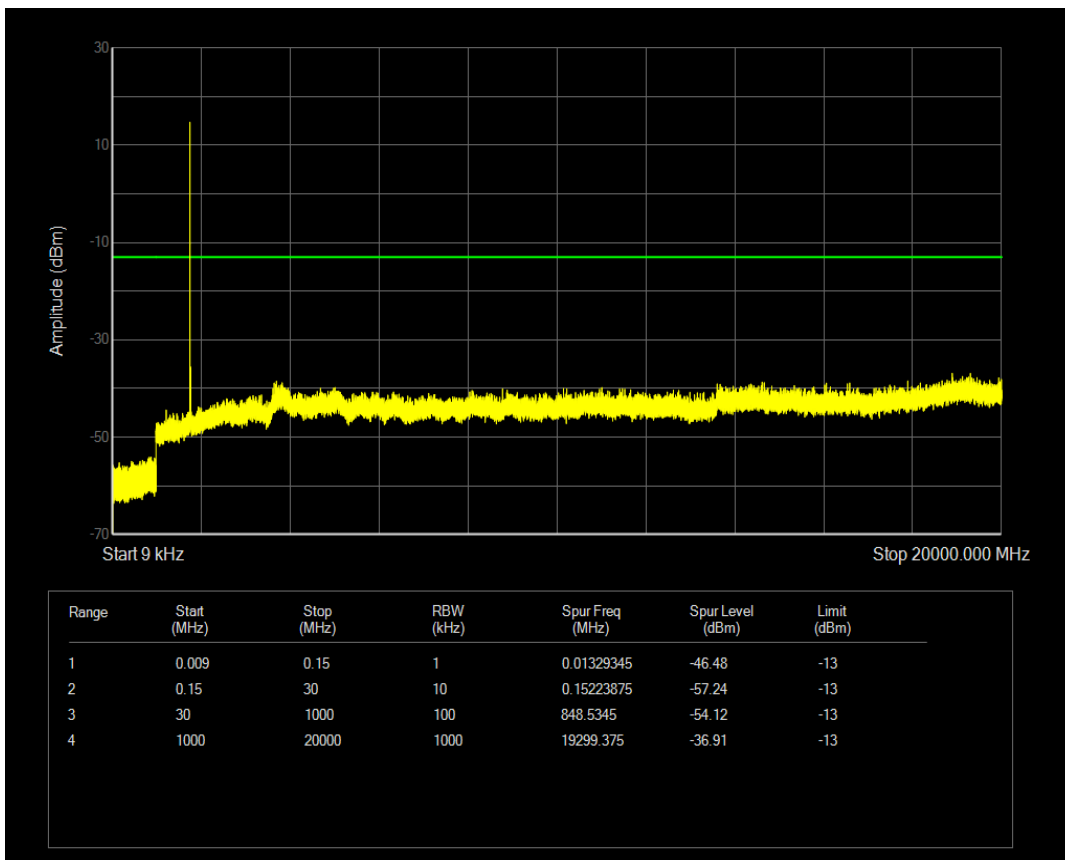
6 Out-of-band emissions for EN-DC

<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>
n66	15	5	342500	25@0	CP_QPSK	18935.05	-37.38	-13	PASS
n66	15	5	342500	1@0	CP_QPSK	19013.43	-36.26	-13	PASS
n66	15	5	342500	1@24	CP_QPSK	19301.75	-36.53	-13	PASS
n66	15	5	355500	25@0	CP_QPSK	19134.08	-36.52	-13	PASS
n66	15	5	355500	1@0	CP_QPSK	19119.35	-36.70	-13	PASS
n66	15	5	355500	1@24	CP_QPSK	18937.43	-37.25	-13	PASS
n66	15	20	344000	106@0	CP_QPSK	19743.50	-37.19	-13	PASS
n66	15	20	344000	1@0	CP_QPSK	18881.38	-37.05	-13	PASS
n66	15	20	344000	1@105	CP_QPSK	19524.53	-37.14	-13	PASS
n66	15	20	354000	106@0	CP_QPSK	19016.75	-36.87	-13	PASS
n66	15	20	354000	1@0	CP_QPSK	19299.38	-36.91	-13	PASS
n66	15	20	354000	1@105	CP_QPSK	19414.33	-37.05	-13	PASS
n66	15	40	346000	216@0	CP_QPSK	18830.55	-37.27	-13	PASS
n66	15	40	346000	1@0	CP_QPSK	19029.10	-37.58	-13	PASS
n66	15	40	346000	1@215	CP_QPSK	19266.60	-37.26	-13	PASS
n66	15	40	352000	216@0	CP_QPSK	19384.88	-37.41	-13	PASS
n66	15	40	352000	1@0	CP_QPSK	19454.70	-37.04	-13	PASS
n66	15	40	352000	1@215	CP_QPSK	18888.98	-37.32	-13	PASS

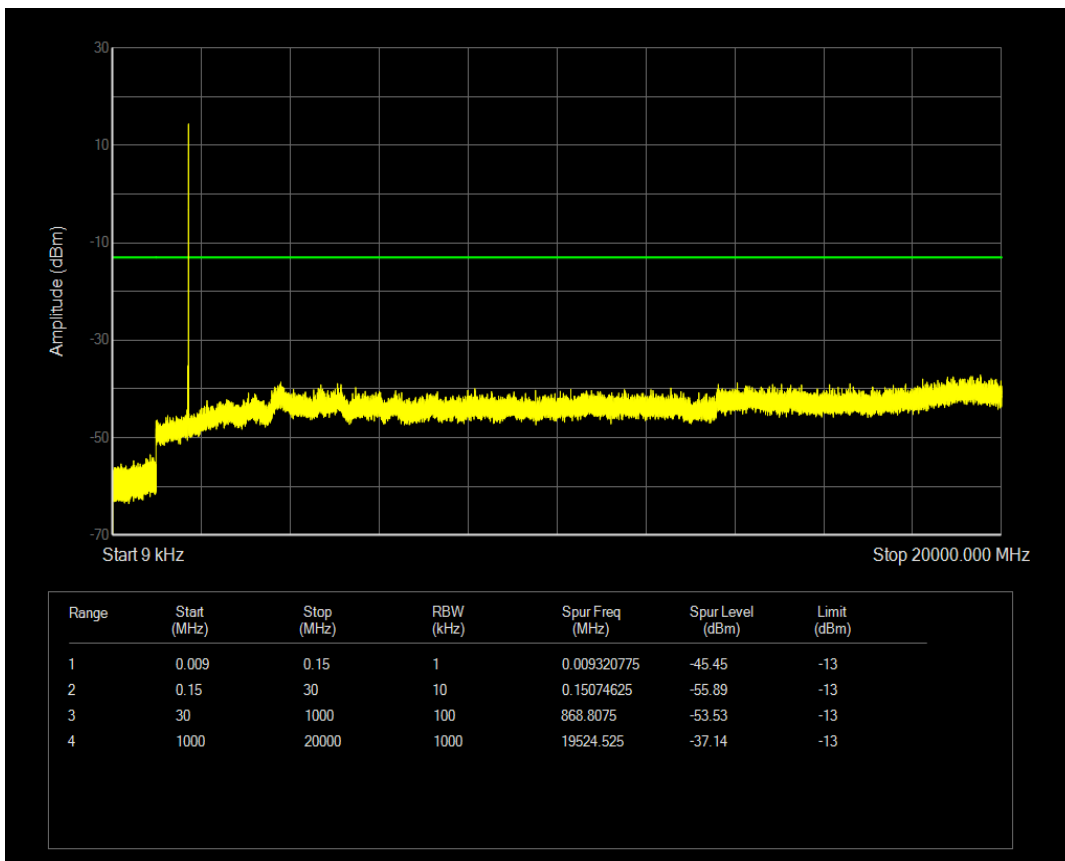
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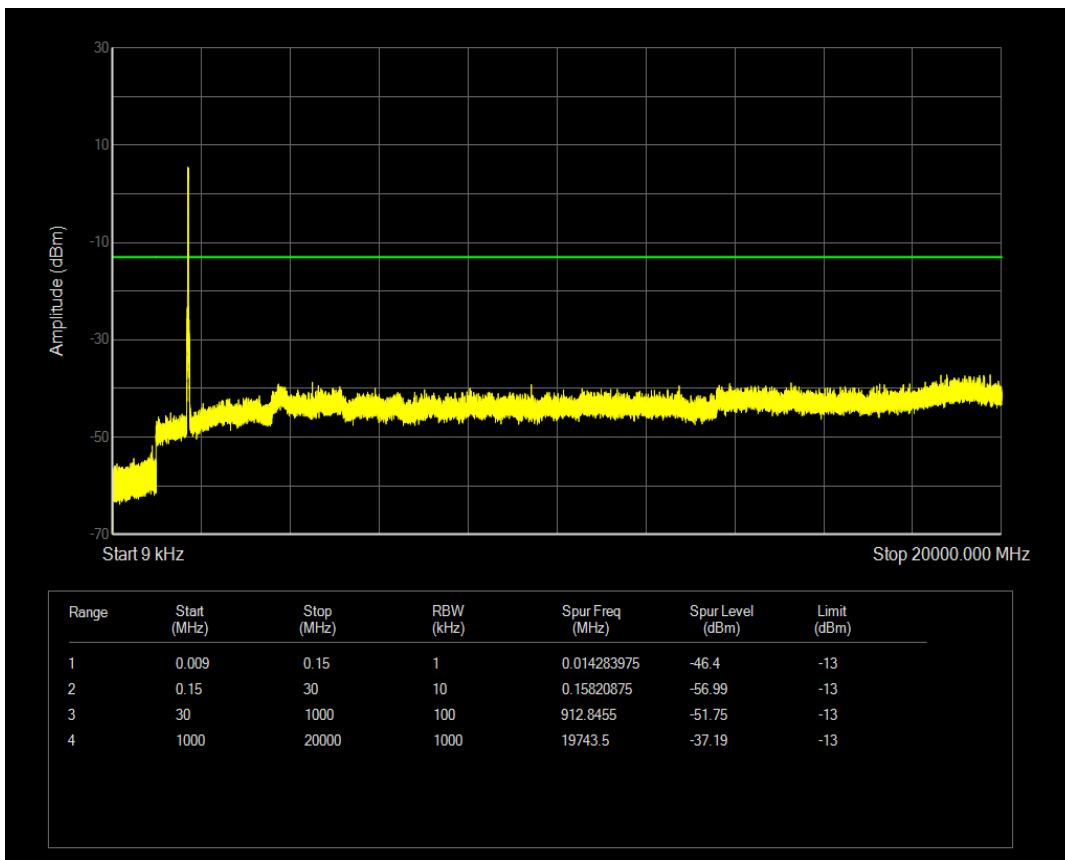
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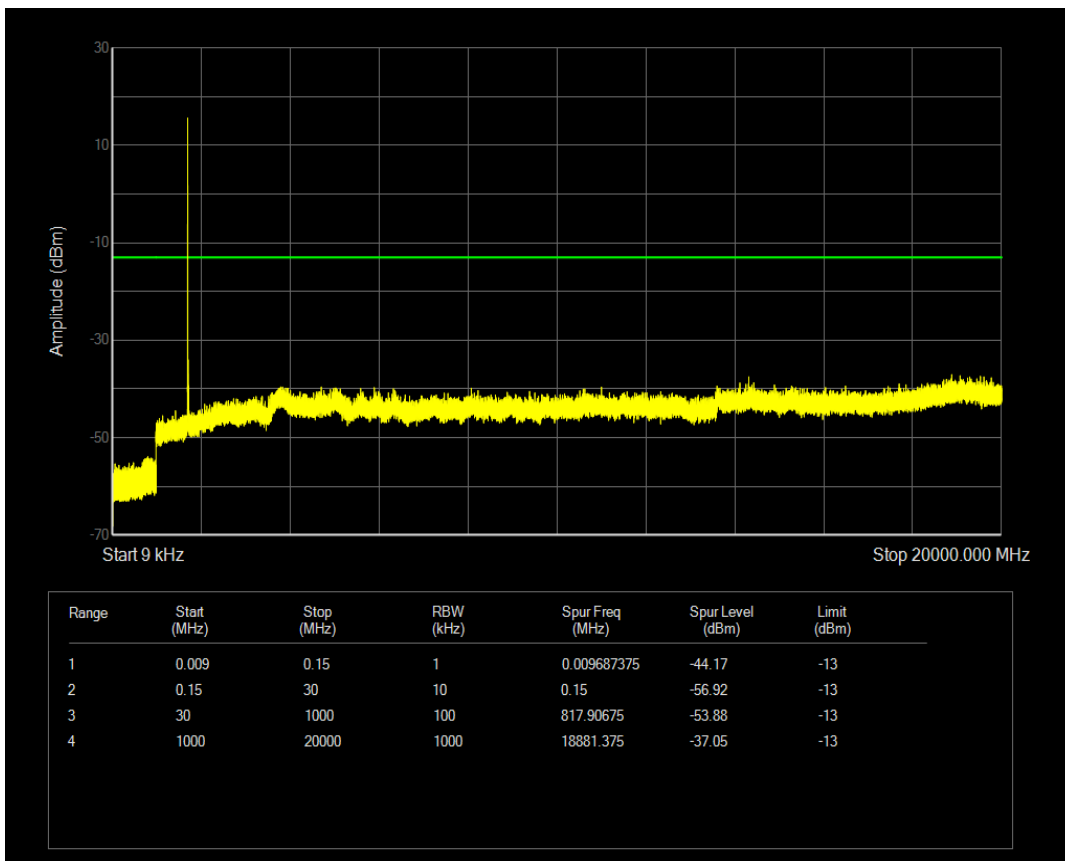
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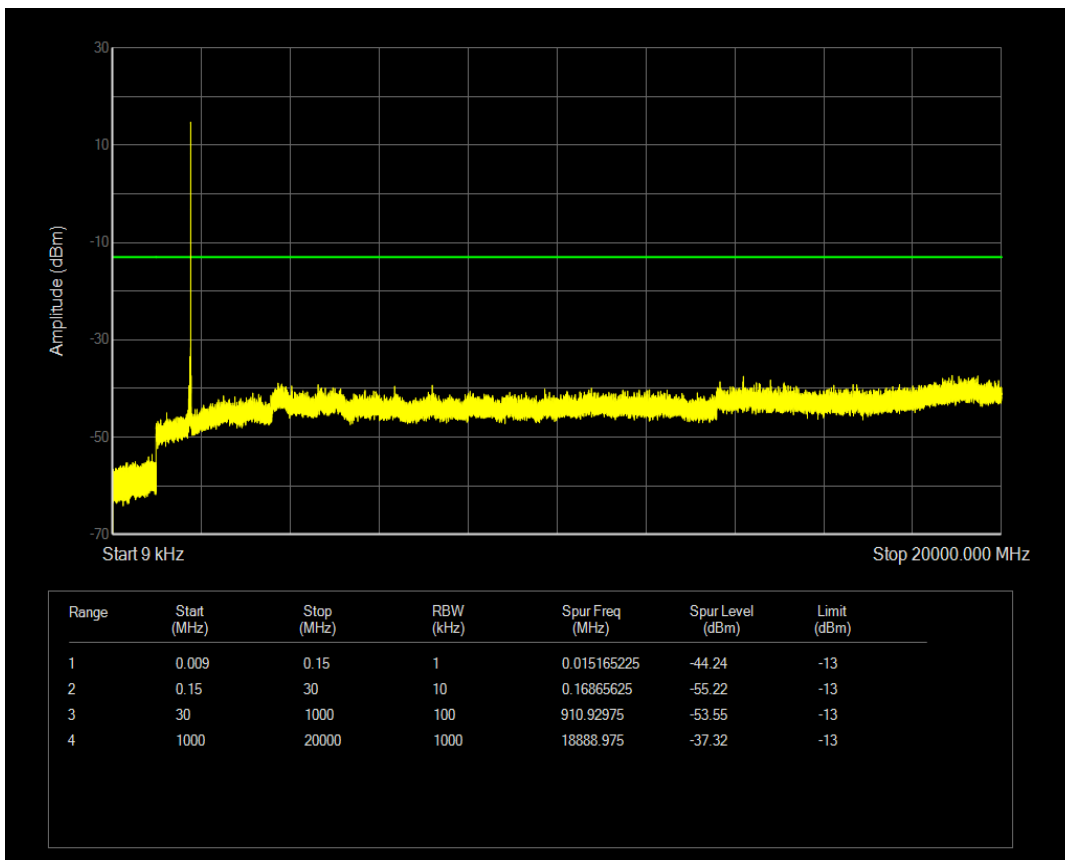
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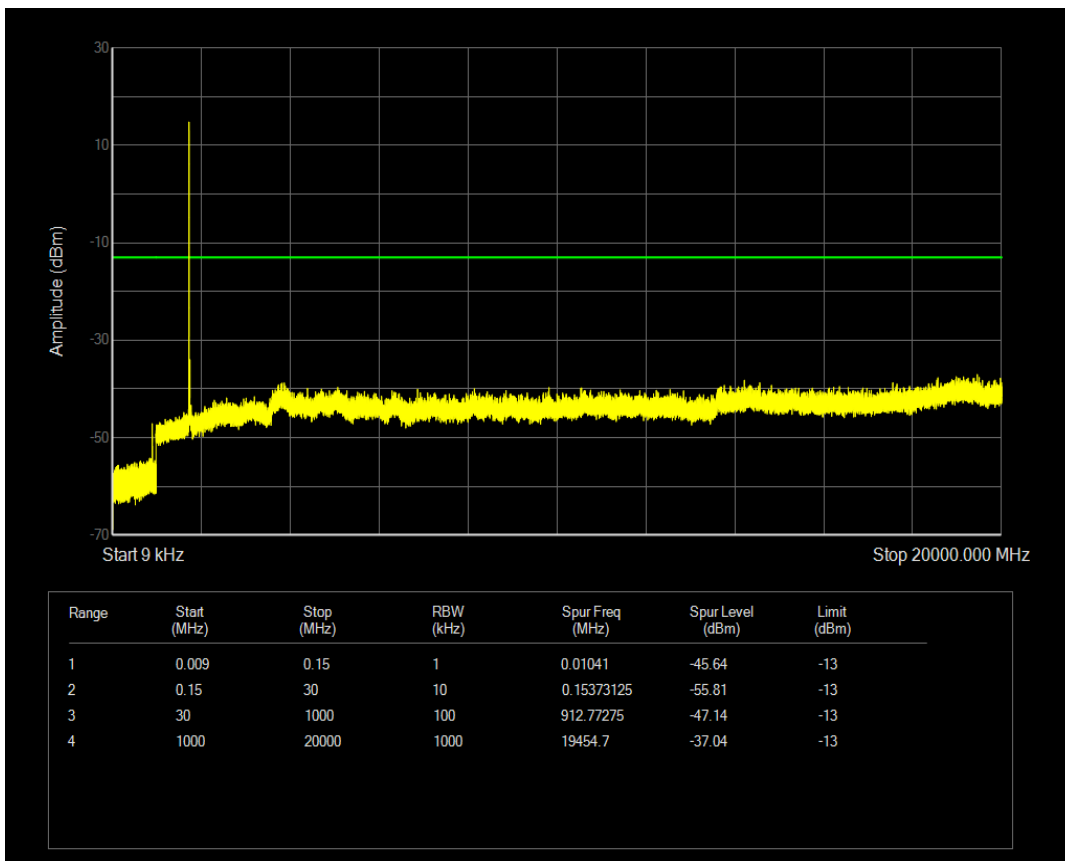
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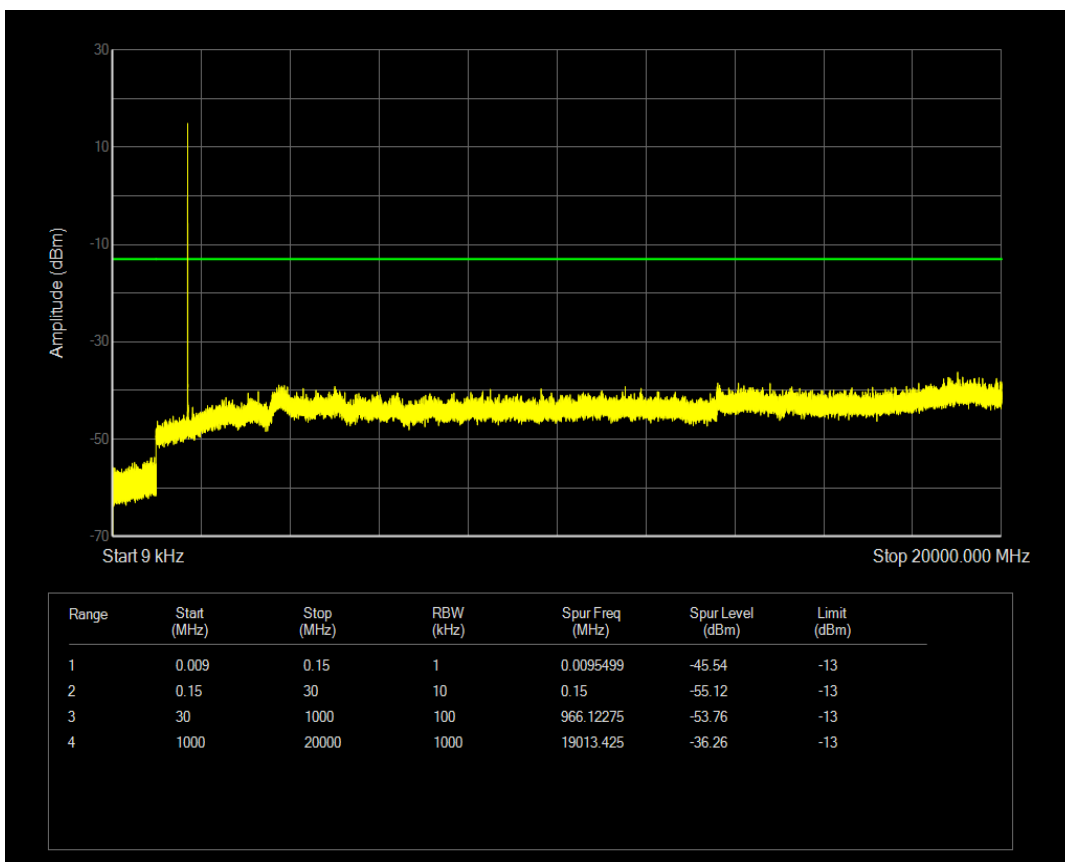
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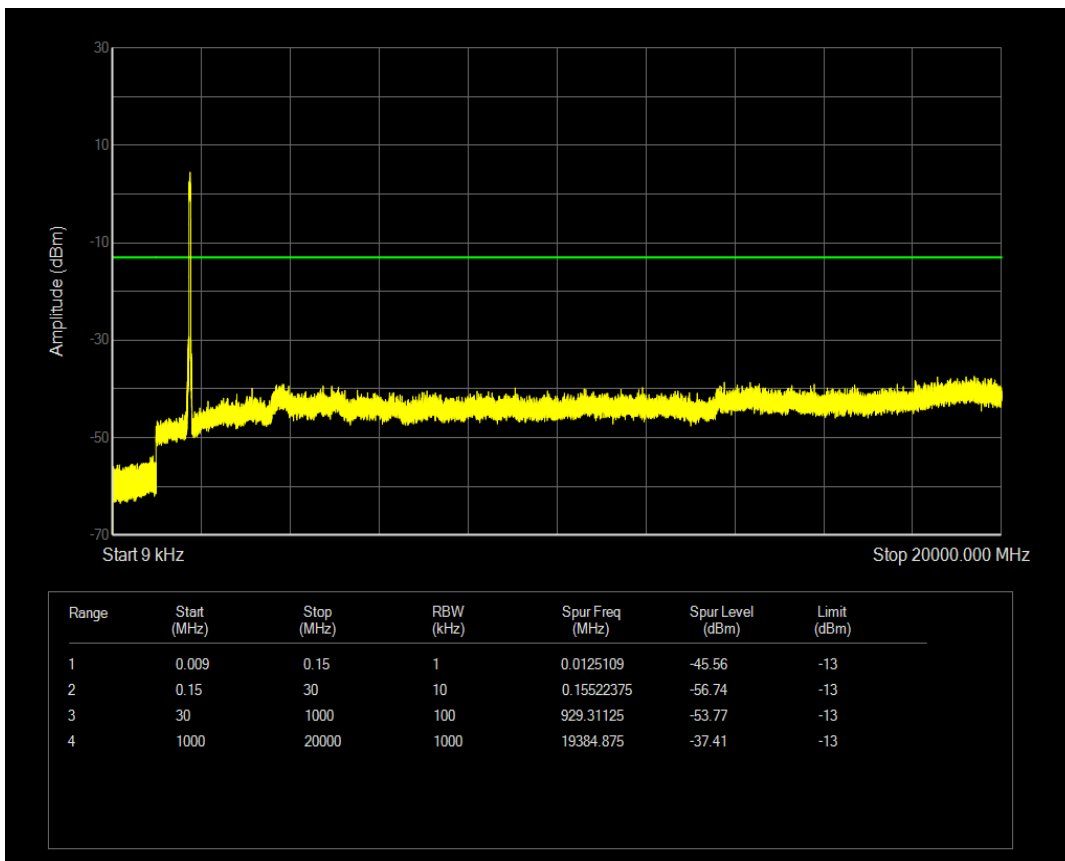
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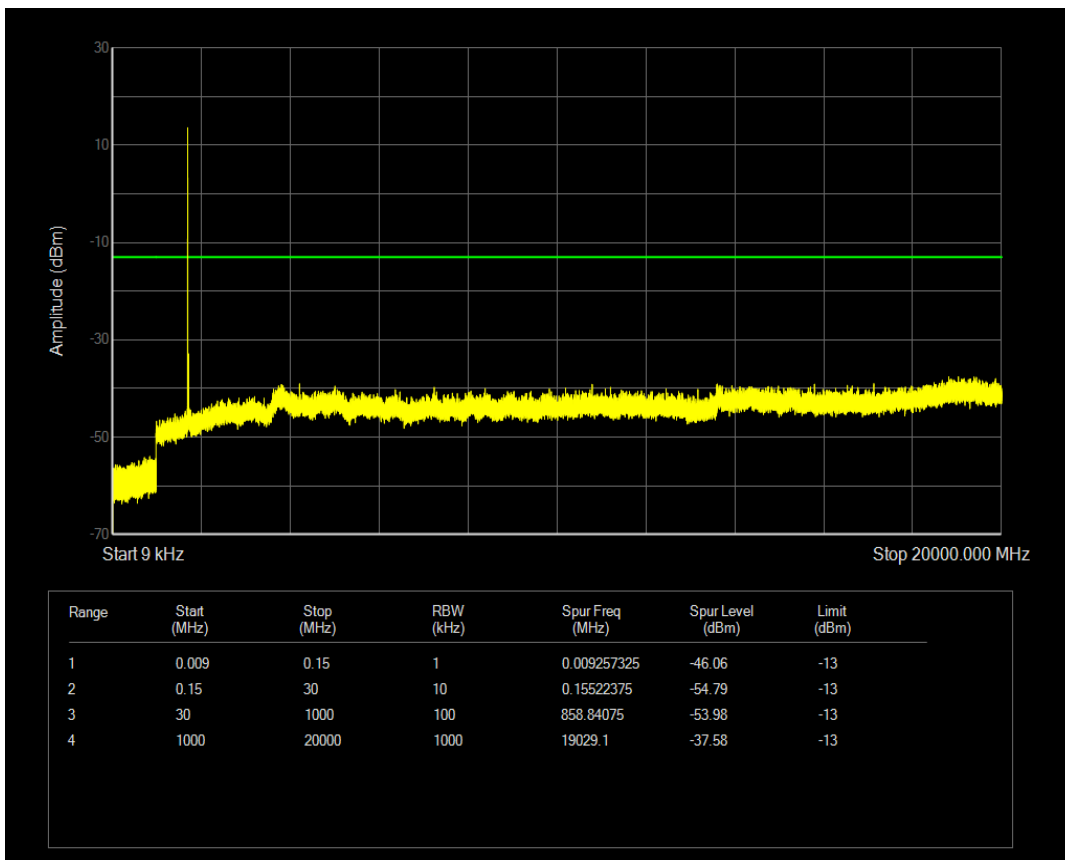
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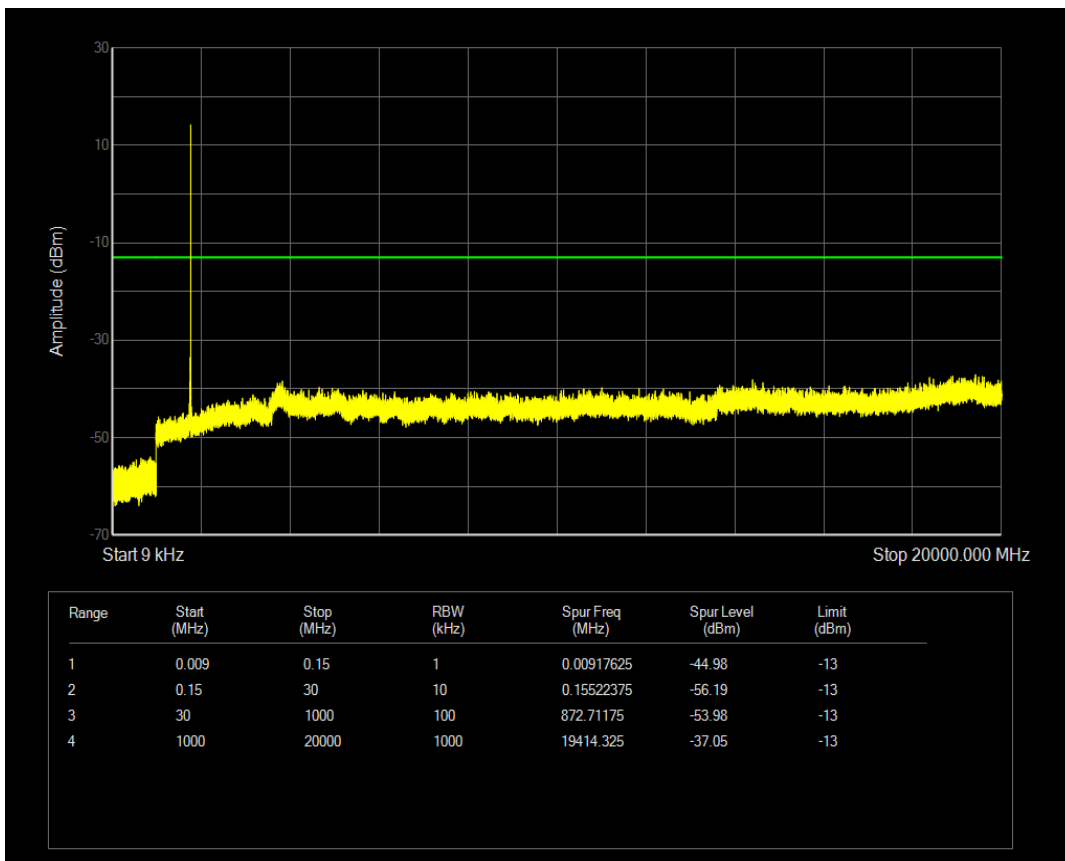
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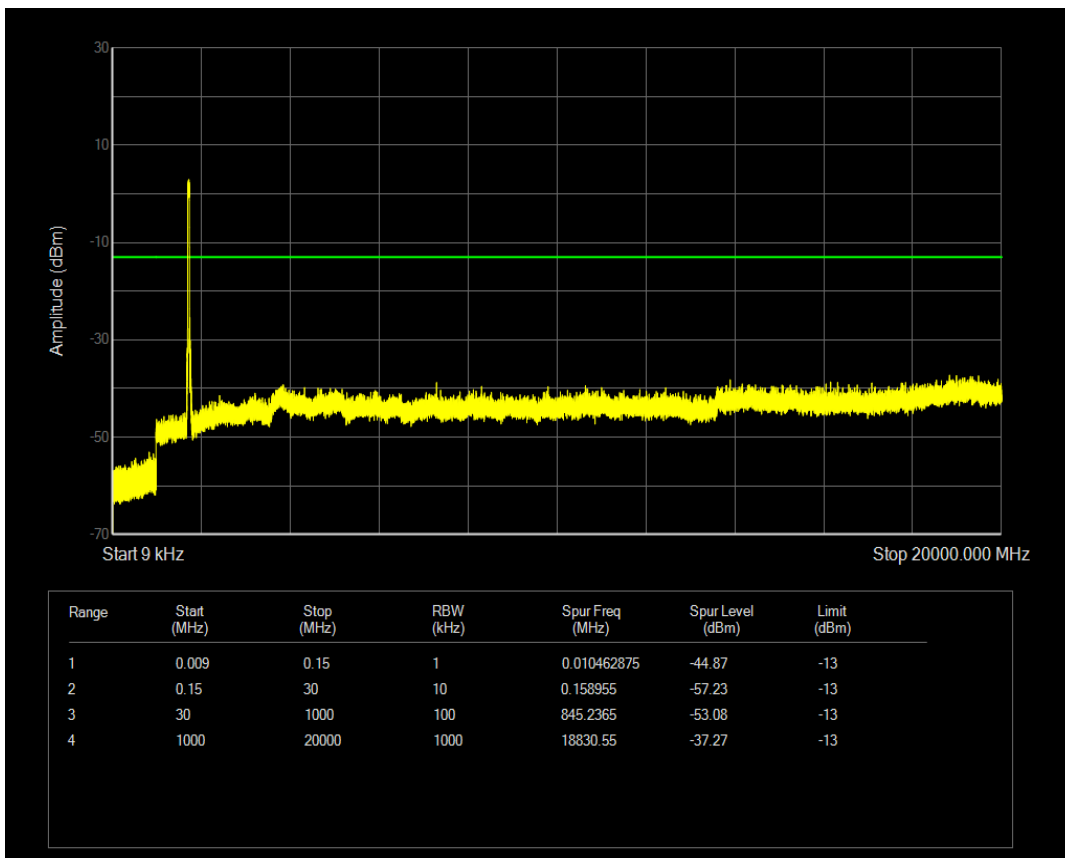
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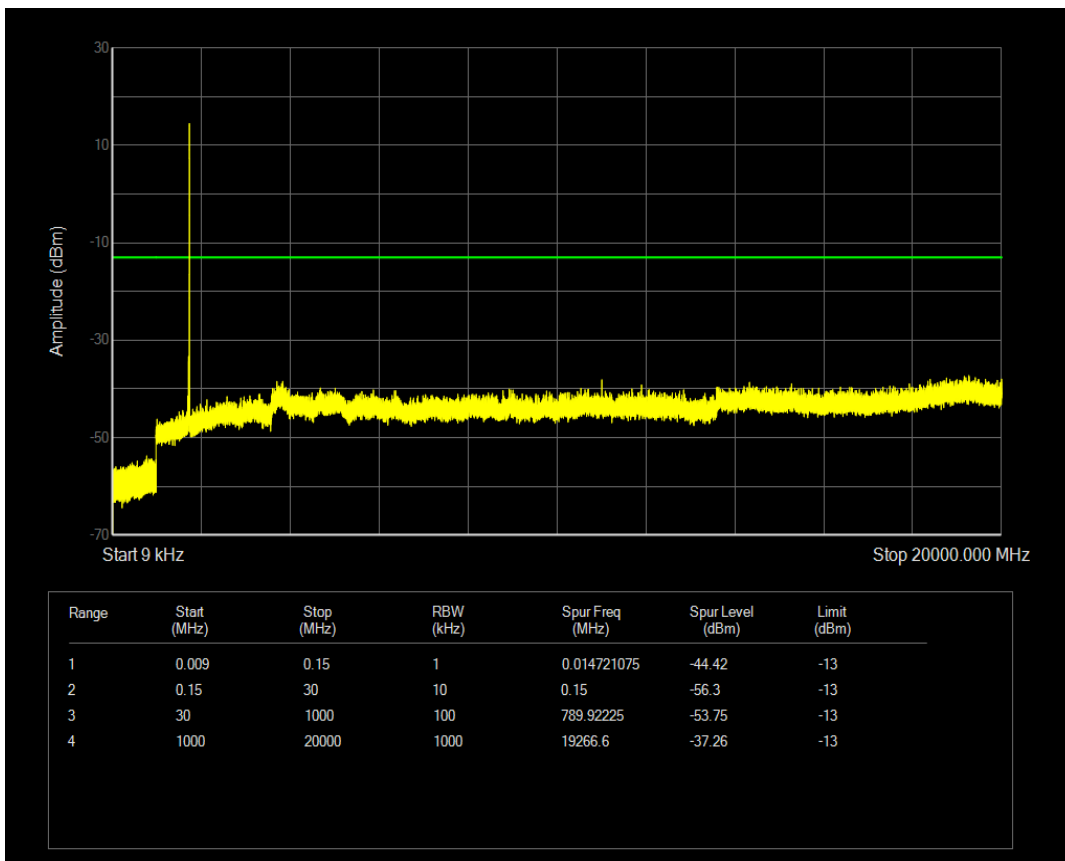
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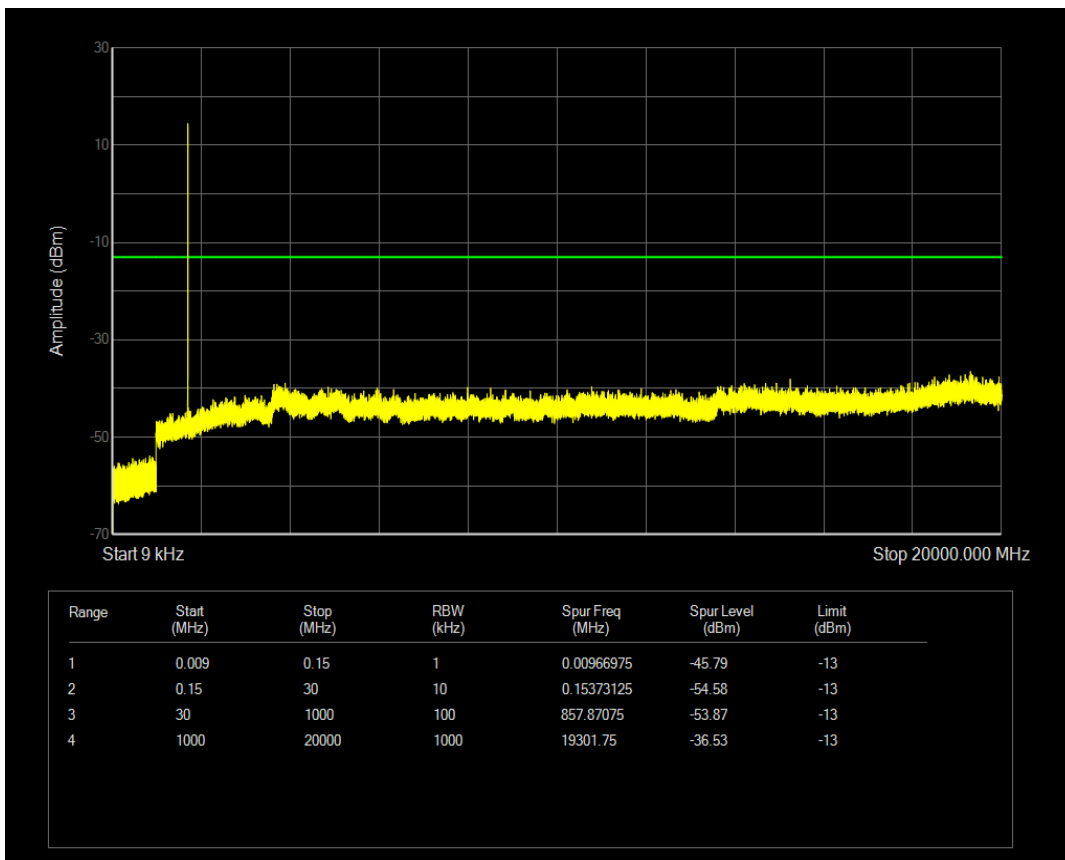
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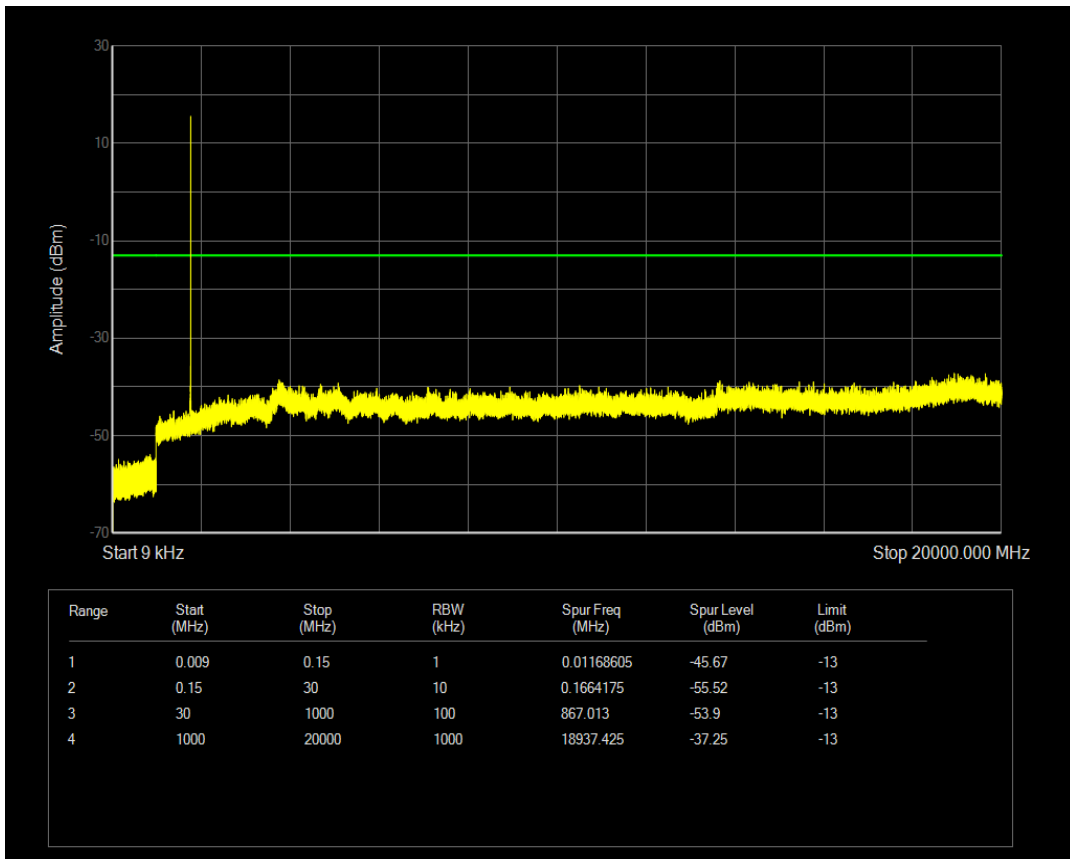
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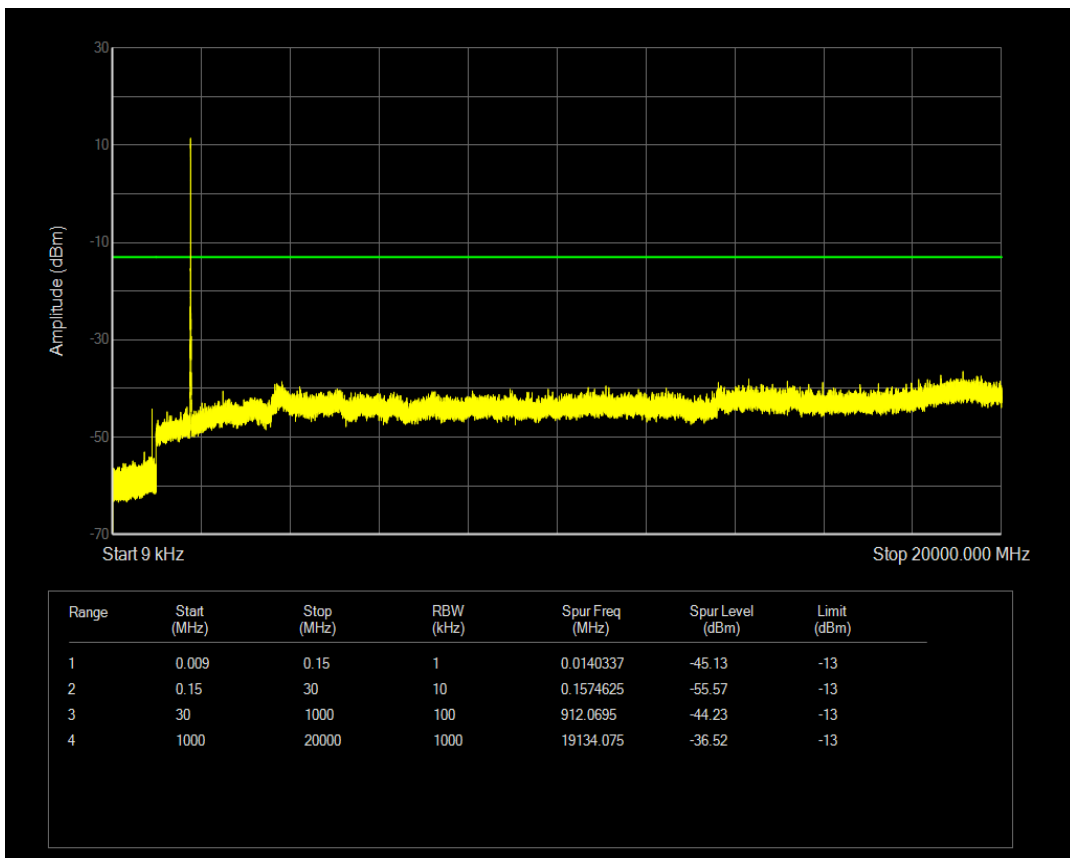
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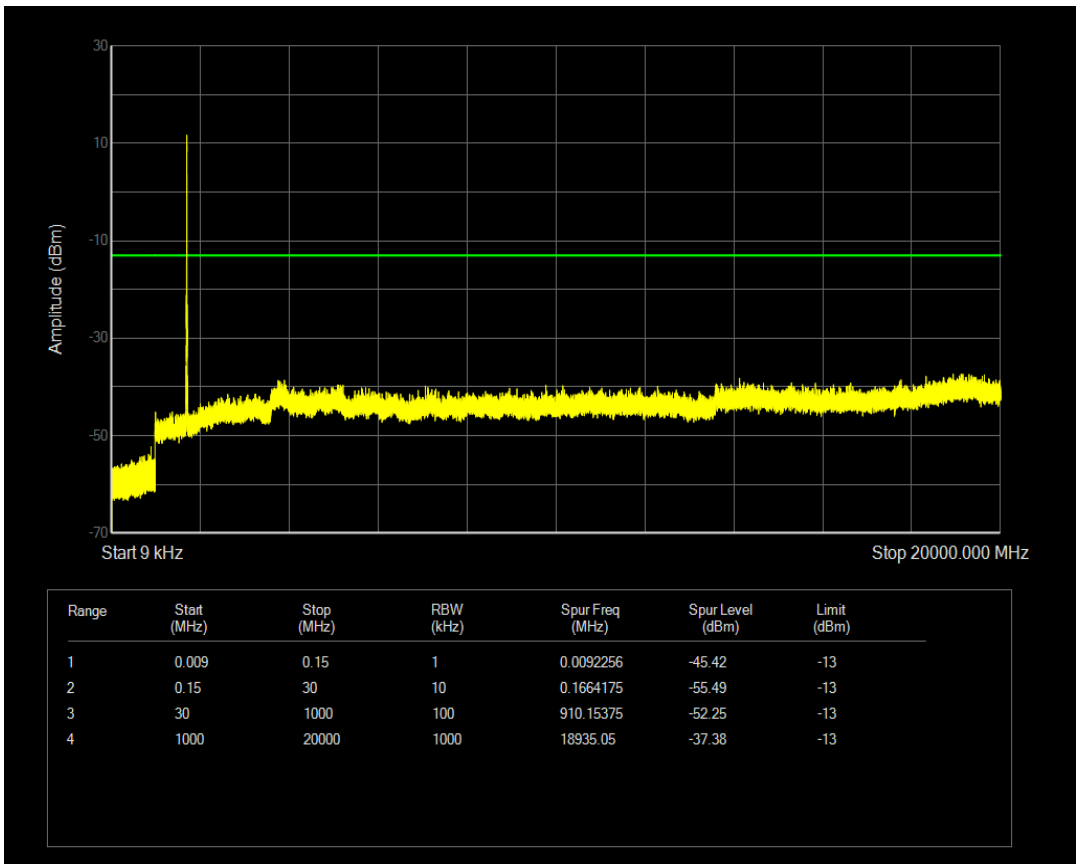
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n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=25@0



n66 SCS=15kHz CP_QPSK BW=5MHz Channel=342500 RB=25@0



n66 SCS=15kHz CP_QPSK BW=5MHz Channel=355500 RB=1@0

