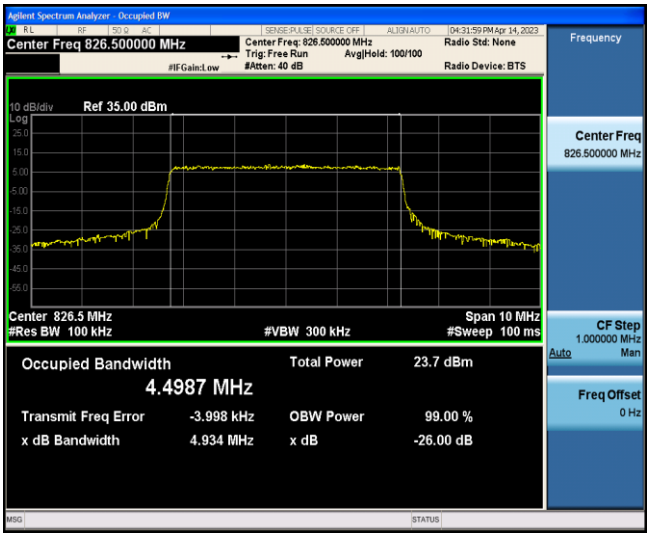
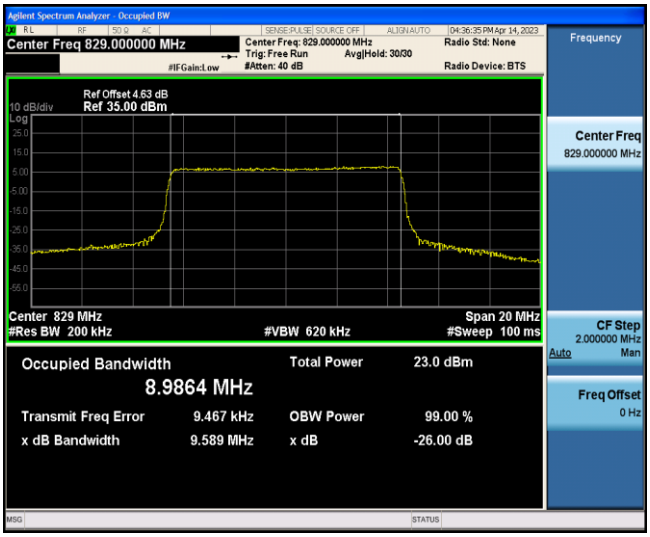
Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0

Band5-5MHz-16QAM-20625-25RB#0

Band5-10MHz-QPSK-20450-50RB#0



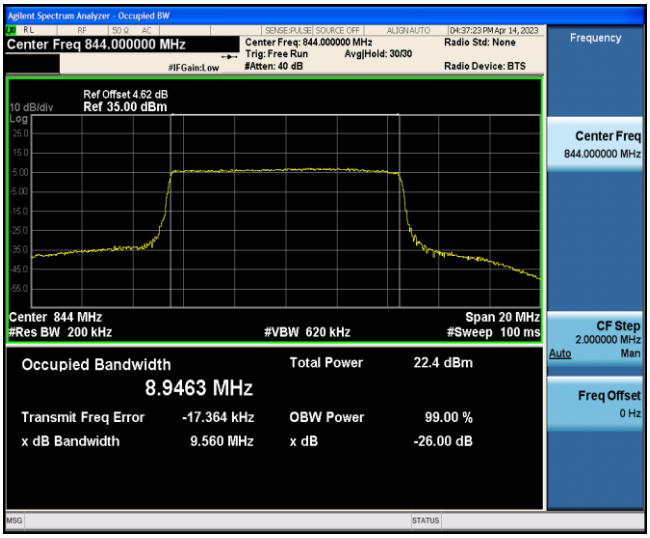
Band5-10MHz-QPSK-20525-50RB#0

Band5-10MHz-QPSK-20600-50RB#0

Band5-10MHz-16QAM-20450-50RB#0

Band5-10MHz-16QAM-20525-50RB#0

Band5-10MHz-16QAM-20600-50RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 844.000000 MHz
Center Freq: 844.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
04:37:23 PM Apr 14, 2023
Frequency
Ref Offset 4.62 dB
10 dB/div
Ref 35.00 dBm
Center 844 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9463 MHz
Total Power 22.4 dBm
Transmit Freq Error -17.364 kHz
OBW Power 99.00 %
x dB Bandwidth 9.560 MHz
x dB -26.00 dB
Center Freq
844.000000 MHz
CF Step
2.000000 MHz
Auto Man
Freq Offset
0 Hz

Appendix D: Band Edge

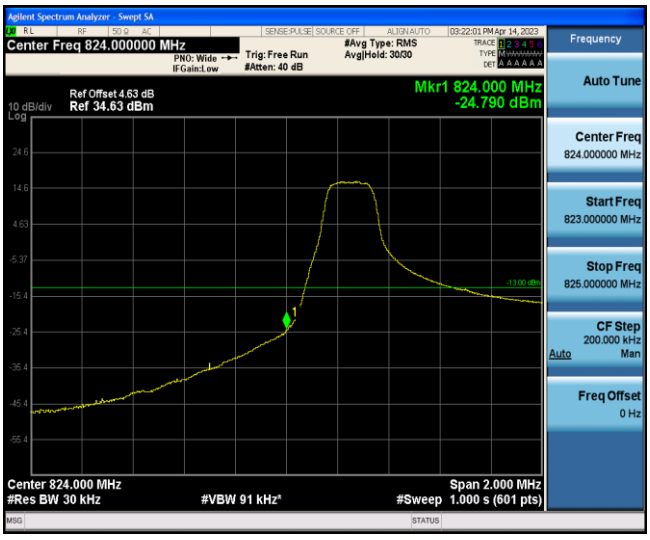
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-24.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-34.81	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-30.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-34.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-20.32	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-24.94	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-33.81	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.59	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-35.87	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-21.32	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.31	PASS
Band5	3MHz	QPSK	20415	1RB#0	-21.58	PASS
Band5	3MHz	QPSK	20415	1RB#14	-34.83	PASS
Band5	3MHz	QPSK	20415	15RB#0	-21.40	PASS
Band5	3MHz	QPSK	20635	1RB#0	-33.23	PASS
Band5	3MHz	QPSK	20635	1RB#14	-21.62	PASS
Band5	3MHz	QPSK	20635	15RB#0	-22.95	PASS
Band5	3MHz	16QAM	20415	1RB#0	-23.33	PASS
Band5	3MHz	16QAM	20415	1RB#14	-35.34	PASS
Band5	3MHz	16QAM	20415	15RB#0	-22.83	PASS
Band5	3MHz	16QAM	20635	1RB#0	-38.73	PASS
Band5	3MHz	16QAM	20635	1RB#14	-22.78	PASS
Band5	3MHz	16QAM	20635	15RB#0	-23.71	PASS
Band5	5MHz	QPSK	20425	1RB#0	-14.83	PASS
Band5	5MHz	QPSK	20425	1RB#24	-31.57	PASS
Band5	5MHz	QPSK	20425	25RB#0	-24.03	PASS
Band5	5MHz	QPSK	20625	1RB#0	-25.20	PASS
Band5	5MHz	QPSK	20625	1RB#24	-14.35	PASS
Band5	5MHz	QPSK	20625	25RB#0	-27.40	PASS
Band5	5MHz	16QAM	20425	1RB#0	-14.95	PASS
Band5	5MHz	16QAM	20425	1RB#24	-32.04	PASS
Band5	5MHz	16QAM	20425	25RB#0	-24.59	PASS
Band5	5MHz	16QAM	20625	1RB#0	-35.68	PASS
Band5	5MHz	16QAM	20625	1RB#24	-15.51	PASS

Band5	5MHz	16QAM	20625	25RB#0	-26.56	PASS
Band5	10MHz	QPSK	20450	1RB#0	-16.83	PASS
Band5	10MHz	QPSK	20450	1RB#49	-35.06	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.12	PASS
Band5	10MHz	QPSK	20600	1RB#0	-30.88	PASS
Band5	10MHz	QPSK	20600	1RB#49	-16.78	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.24	PASS
Band5	10MHz	16QAM	20450	1RB#0	-17.39	PASS
Band5	10MHz	16QAM	20450	1RB#49	-37.04	PASS
Band5	10MHz	16QAM	20450	50RB#0	-28.42	PASS
Band5	10MHz	16QAM	20600	1RB#0	-37.93	PASS
Band5	10MHz	16QAM	20600	1RB#49	-17.41	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.63	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



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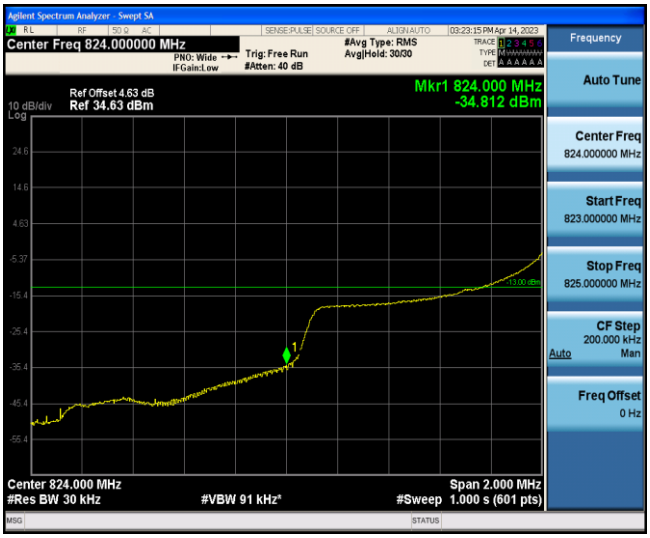

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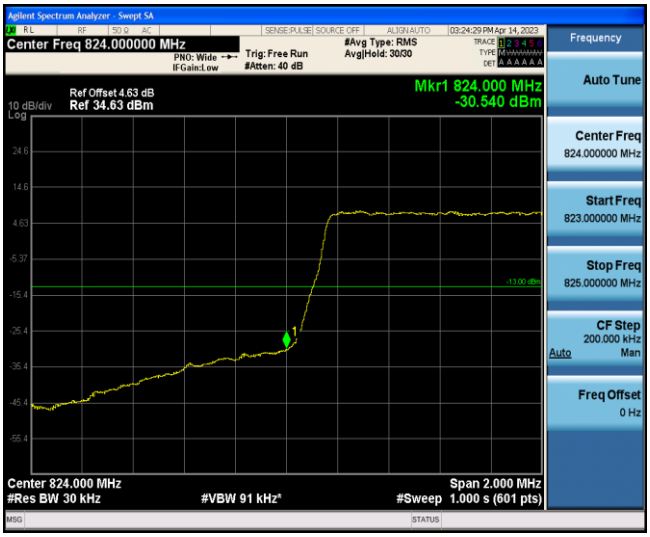
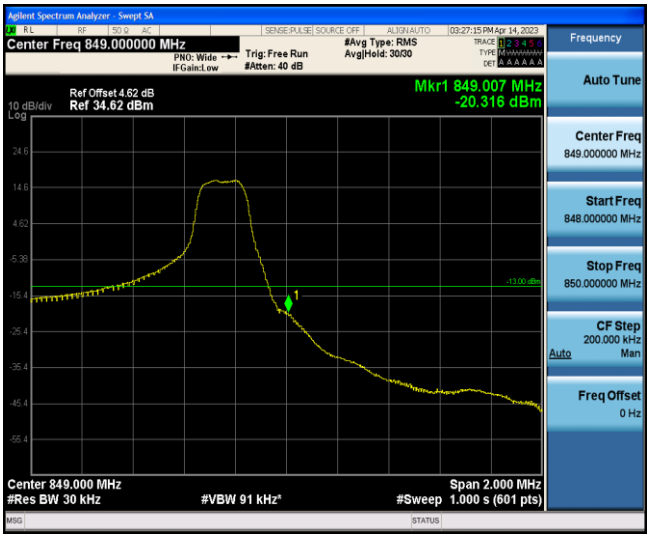


Band5-1.4MHz-QPSK-20643-1RB#0

Band5-1.4MHz-QPSK-20643-1RB#5



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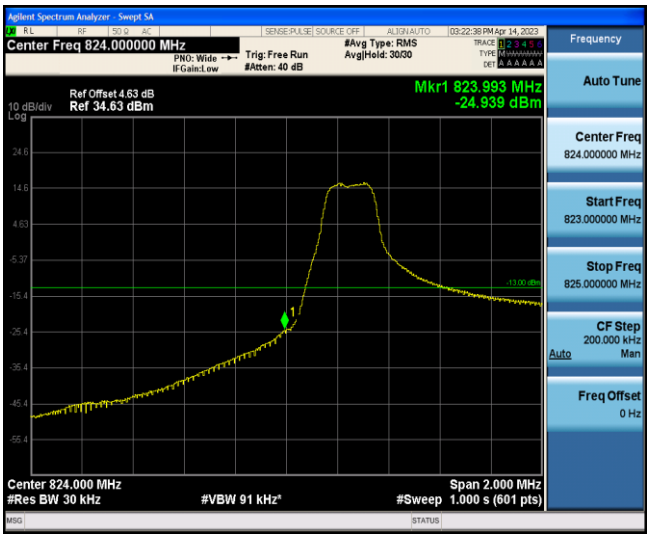

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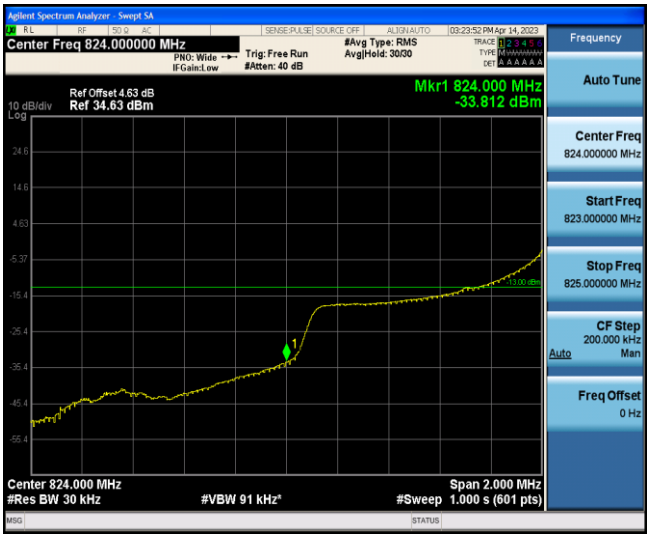

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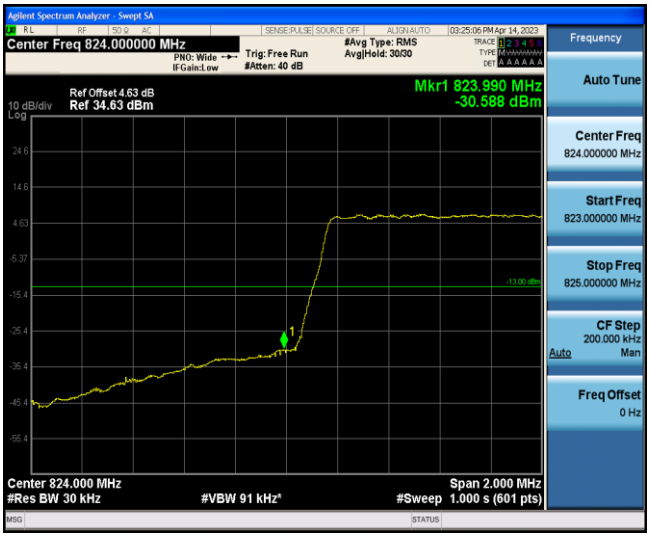

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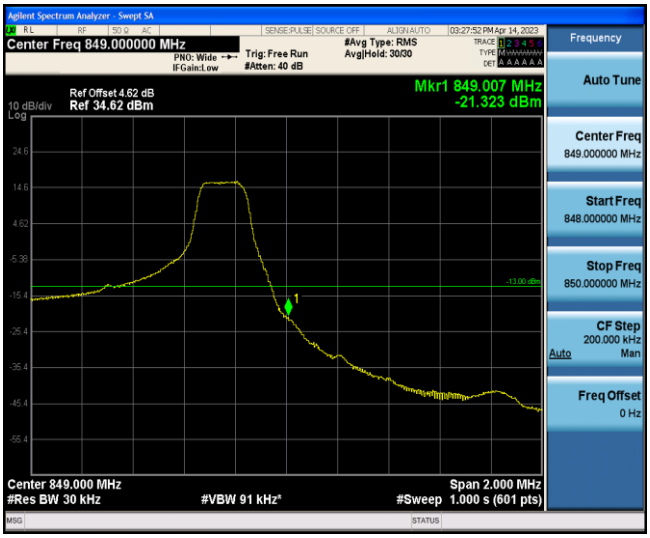

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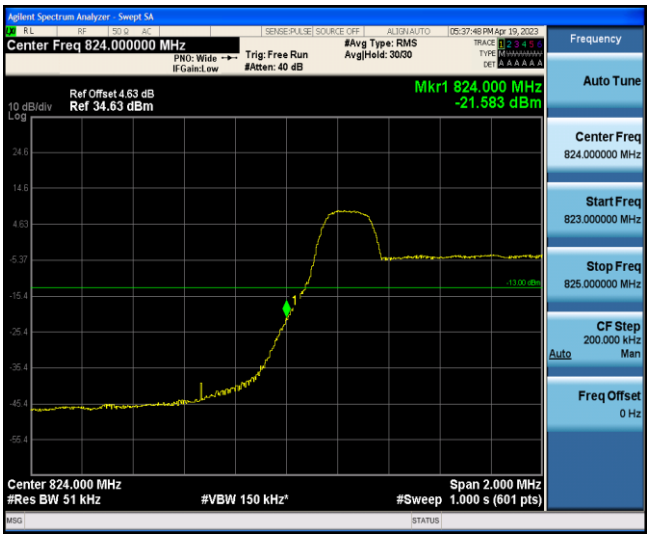

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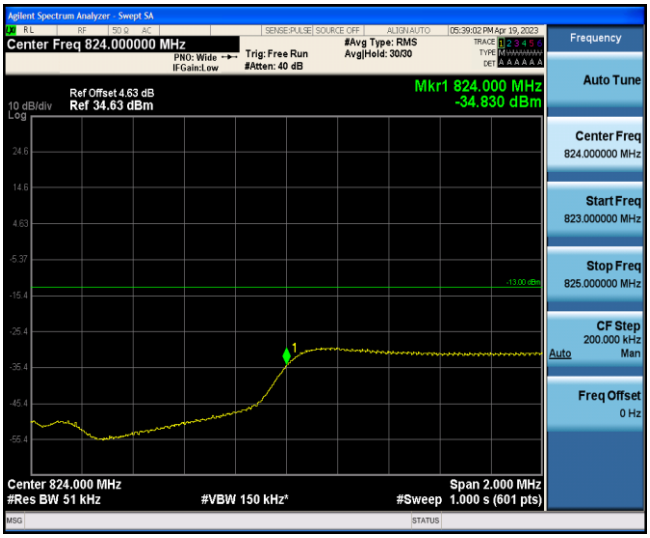

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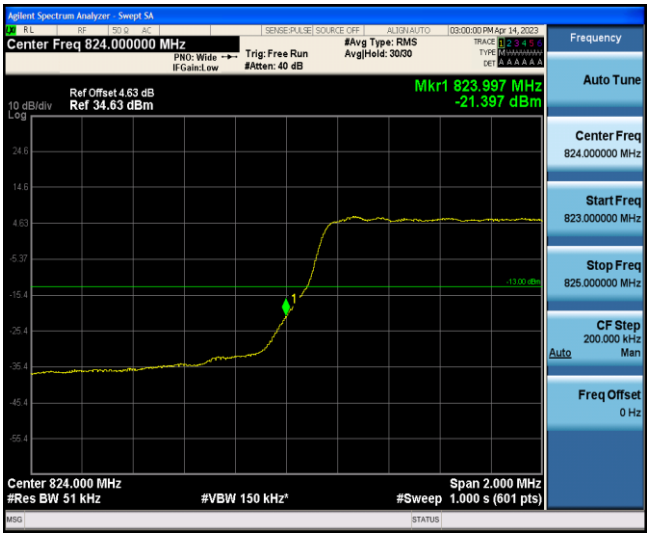

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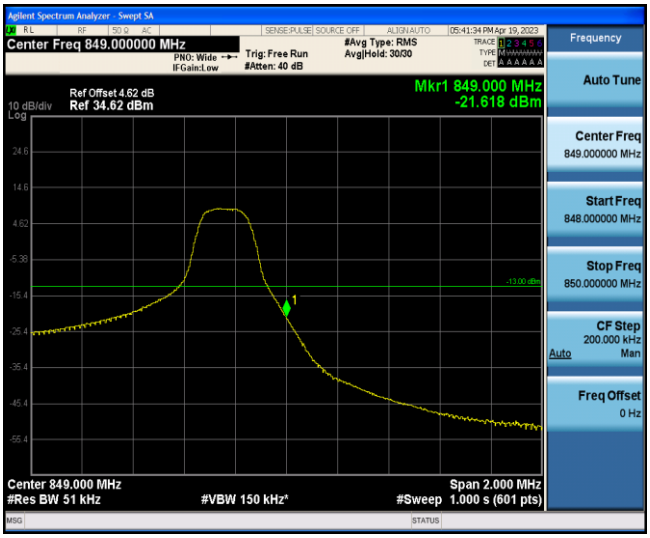

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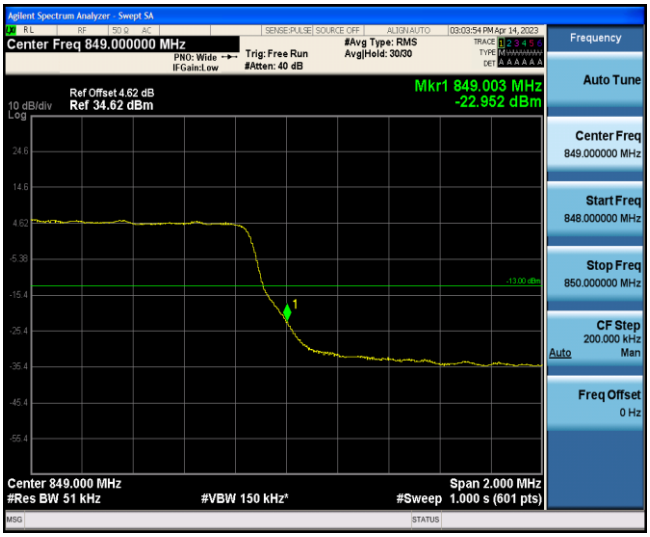

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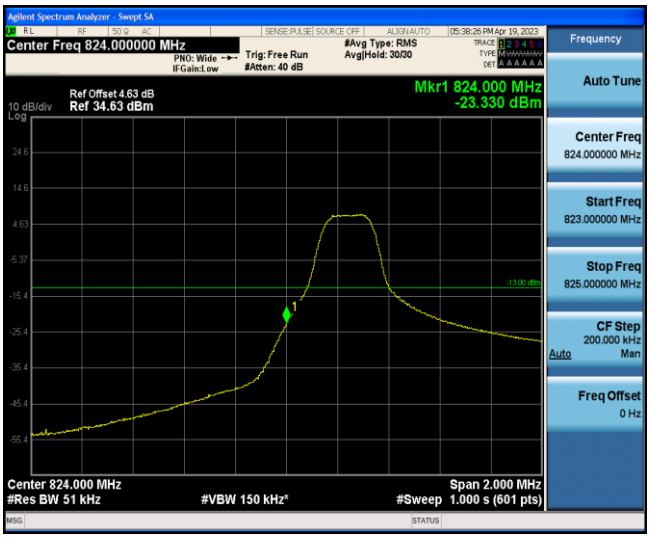

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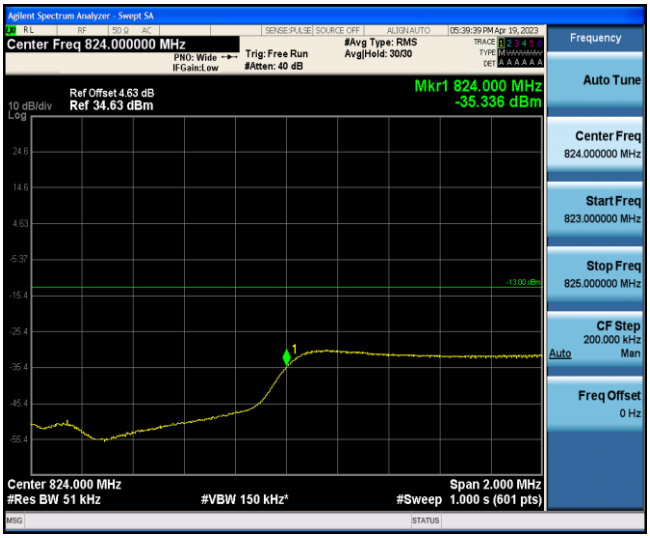

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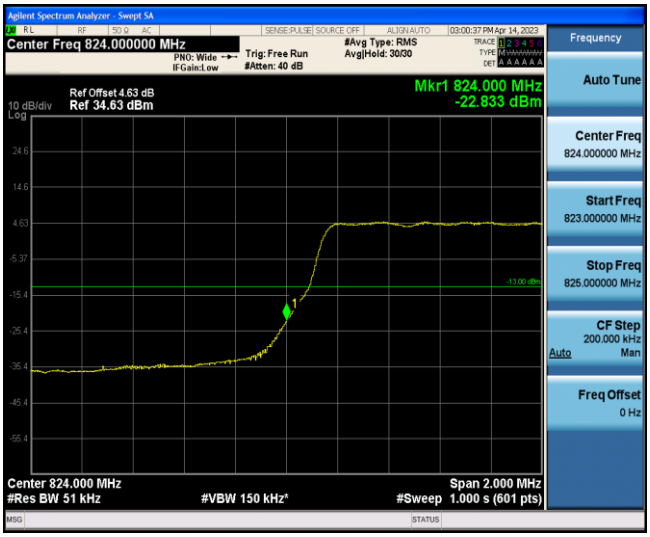

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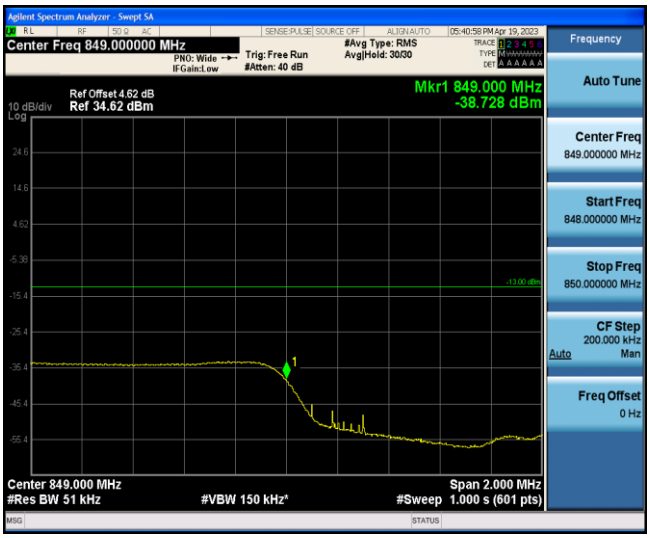

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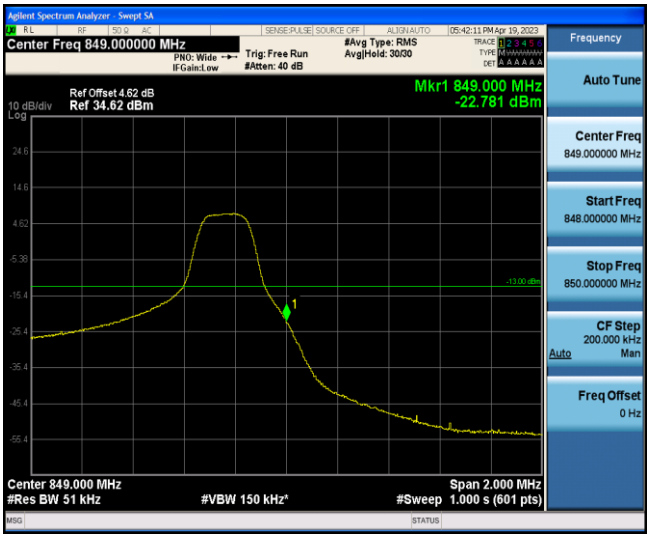

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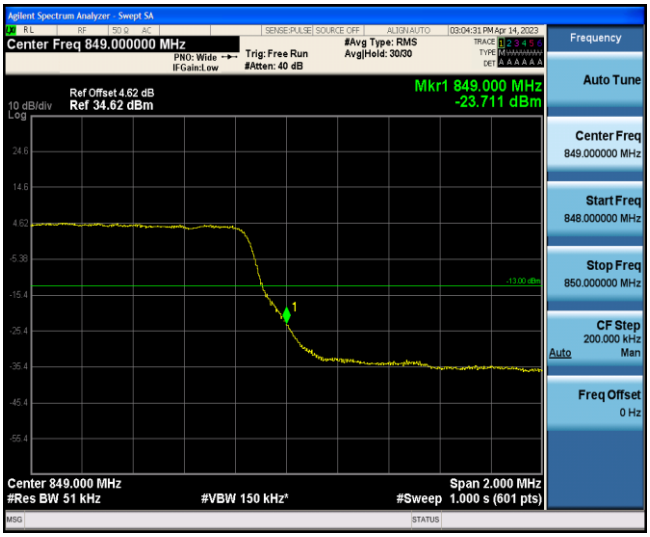

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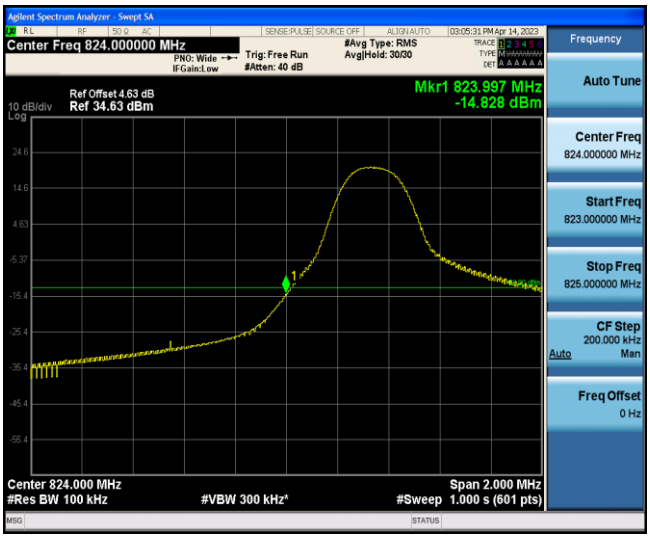

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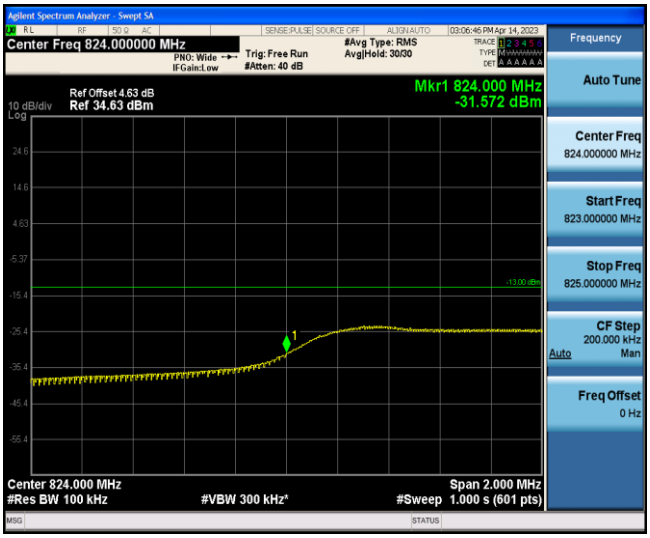

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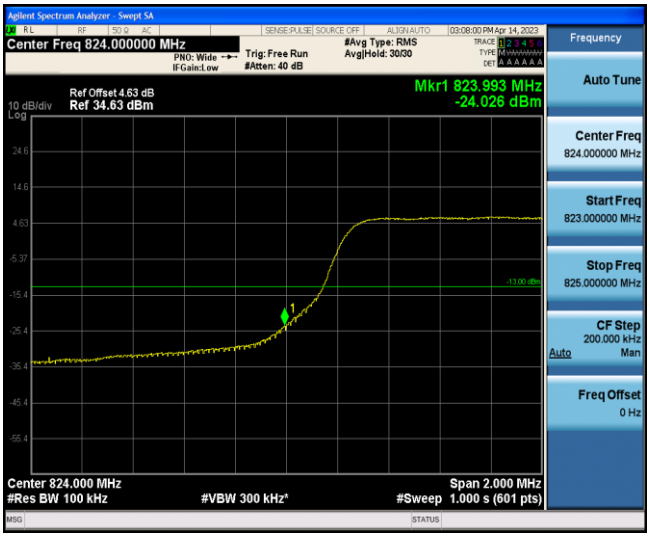

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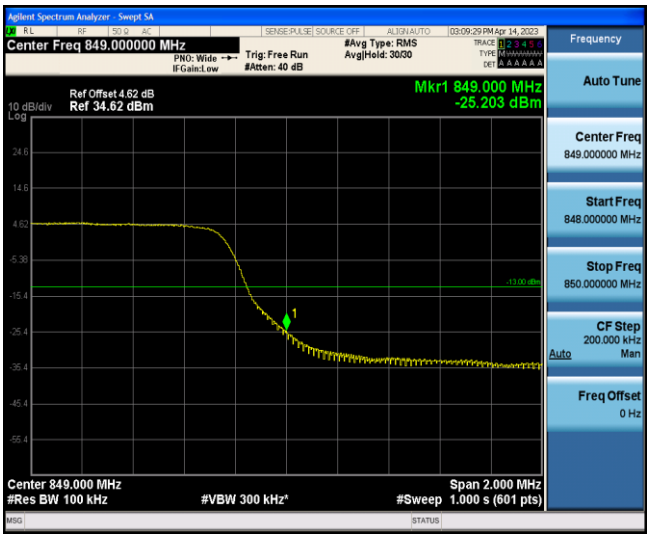

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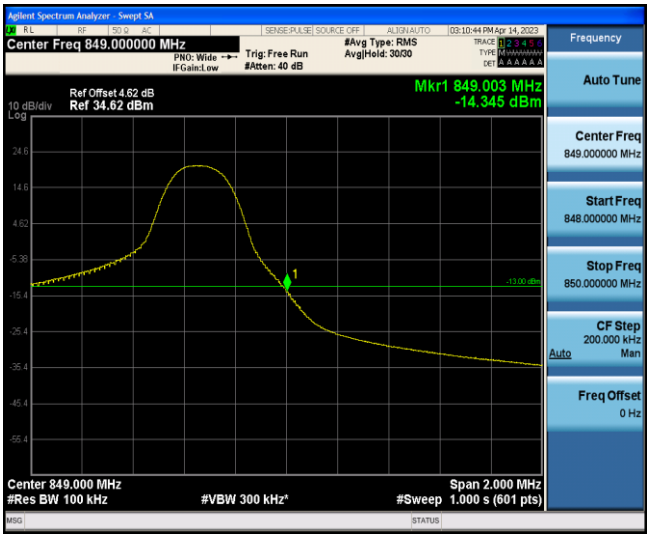

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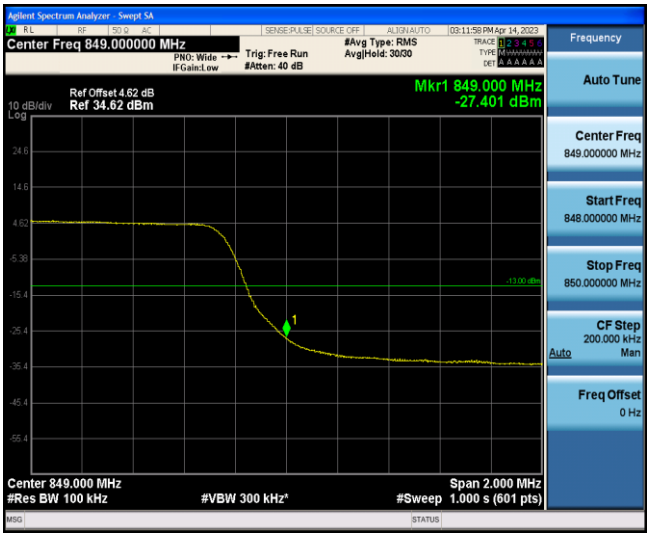

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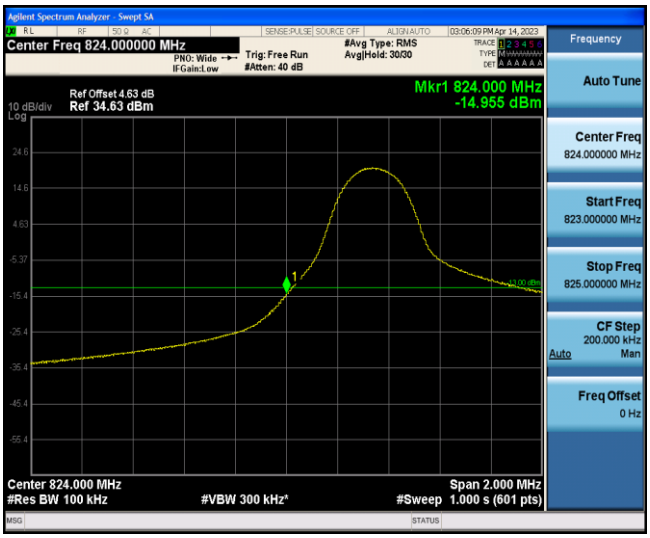

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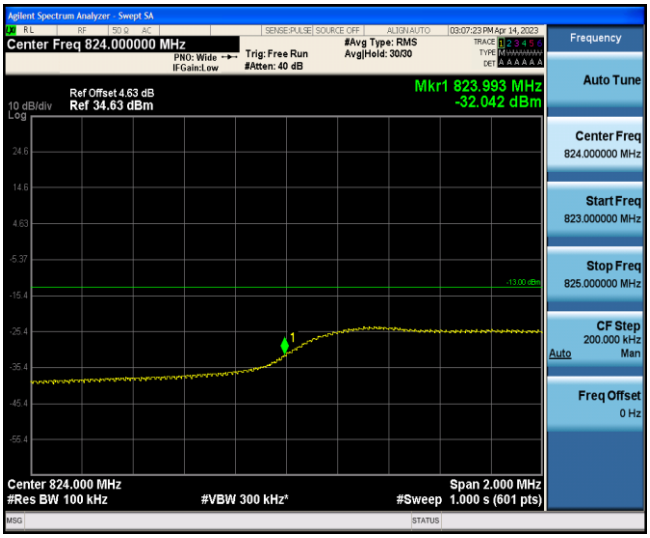

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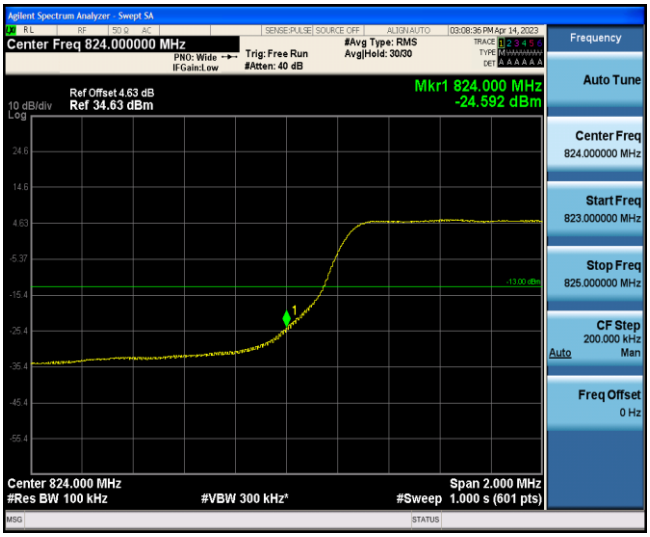

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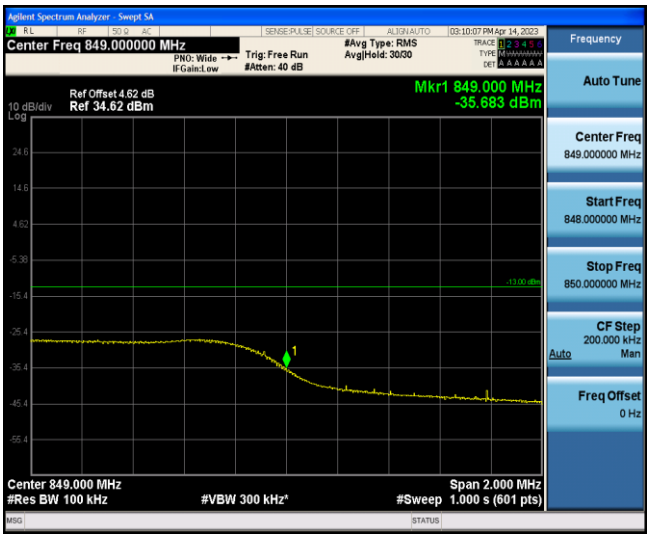

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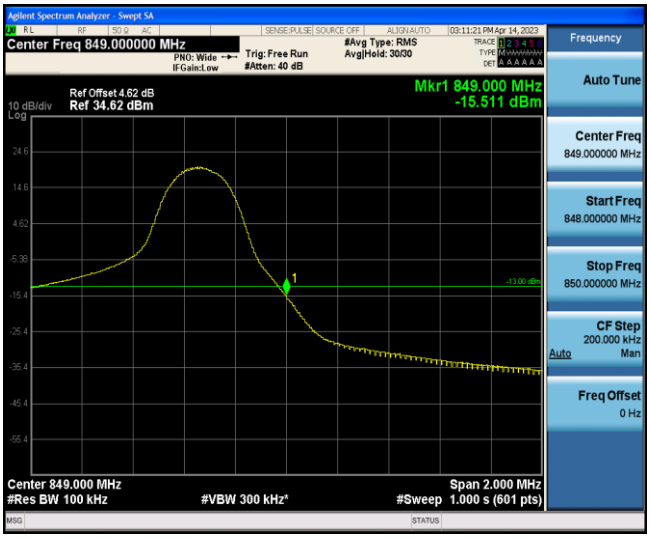

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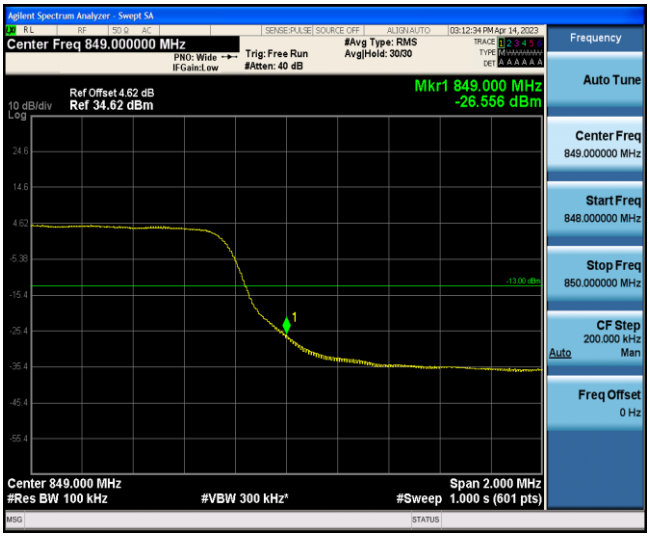

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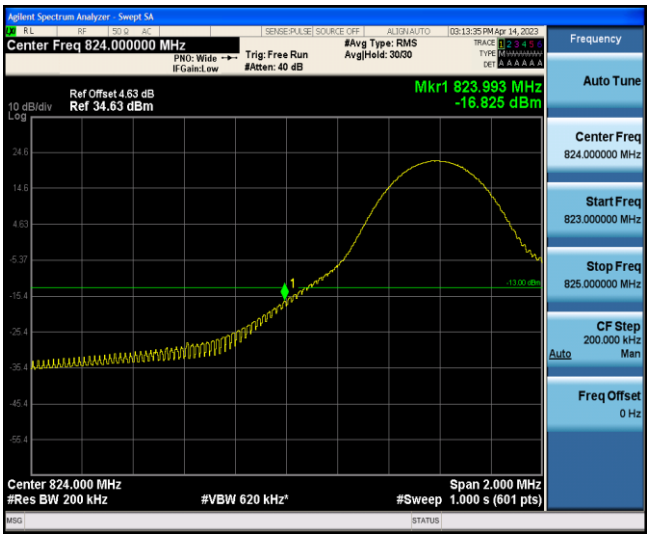

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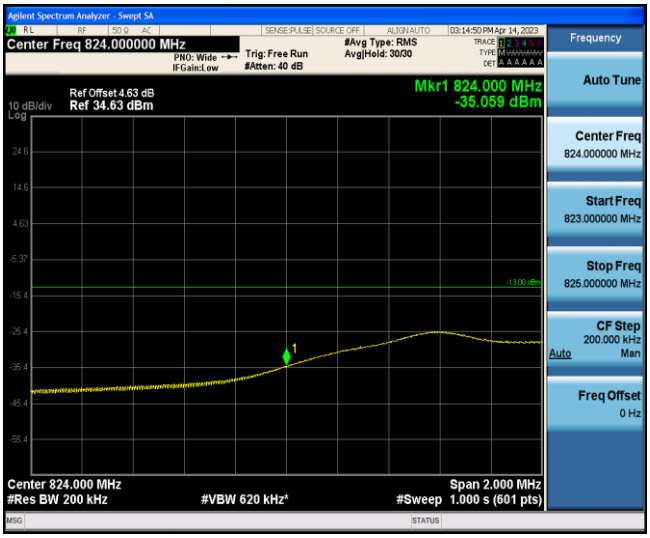
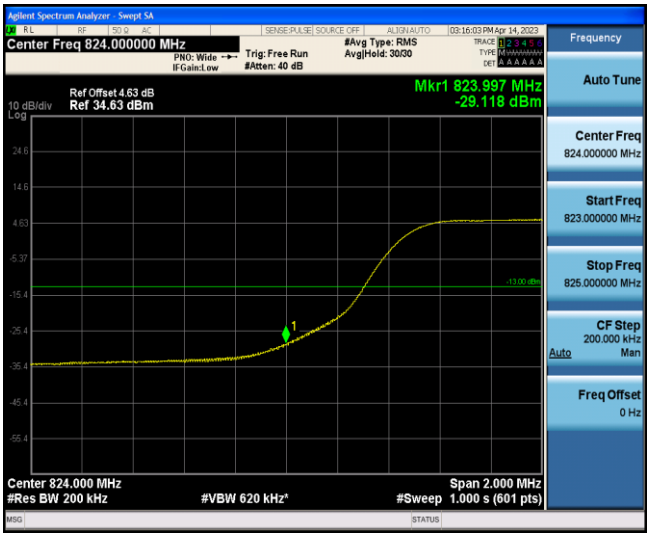


Band5-10MHz-QPSK-20450-50RB#0



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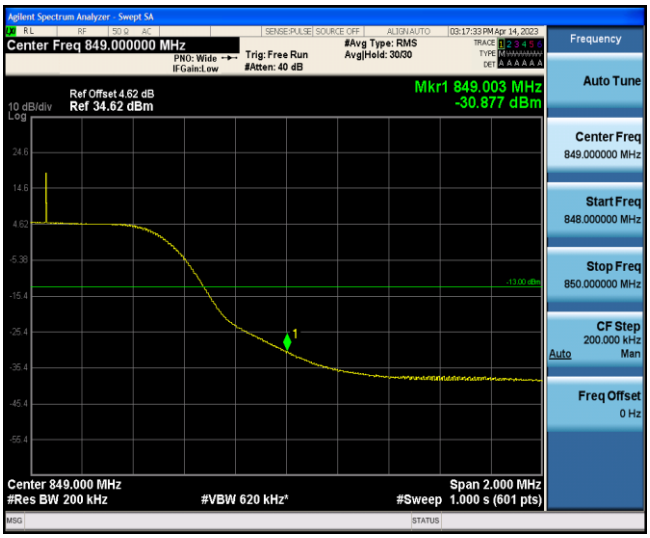

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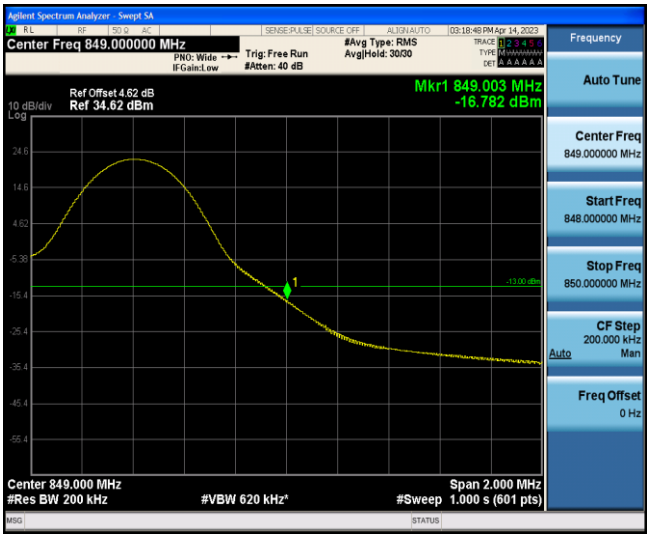
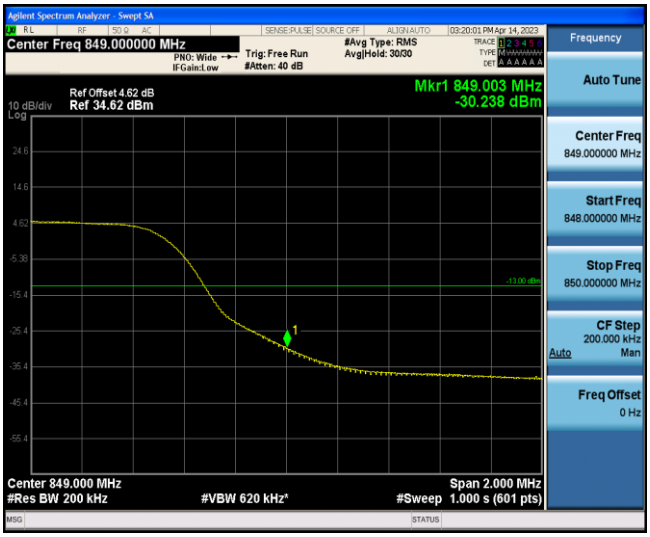
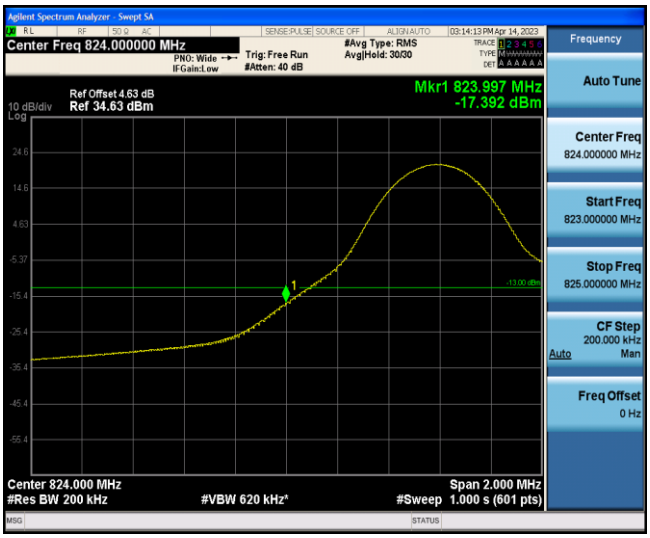


Band5-10MHz-QPSK-20600-50RB#0

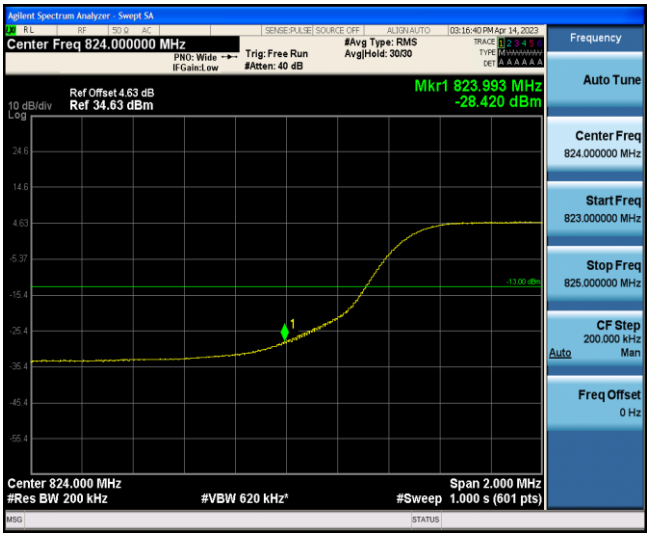


Band5-10MHz-16QAM-20450-1RB#0



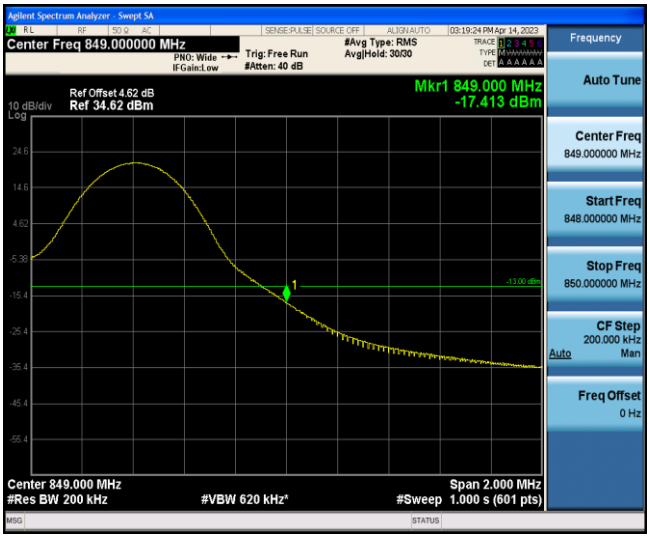
Band5-10MHz-16QAM-20450-1RB#49

Band5-10MHz-16QAM-20450-50RB#0

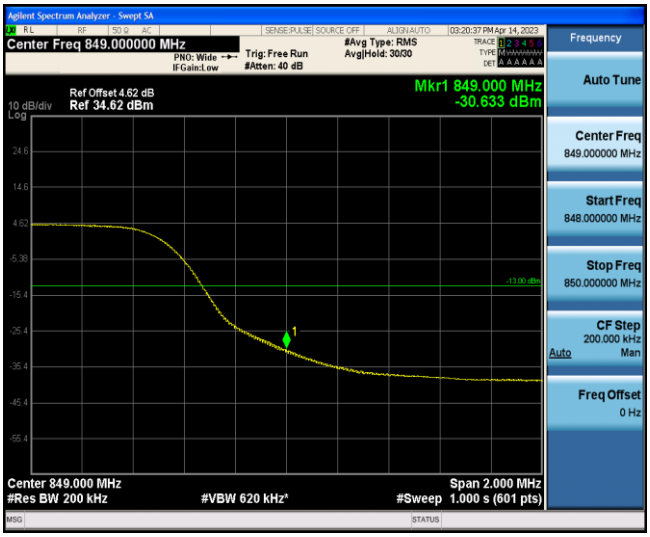


Band5-10MHz-16QAM-20600-1RB#0

Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



Appendix E: Conducted Spurious Emission

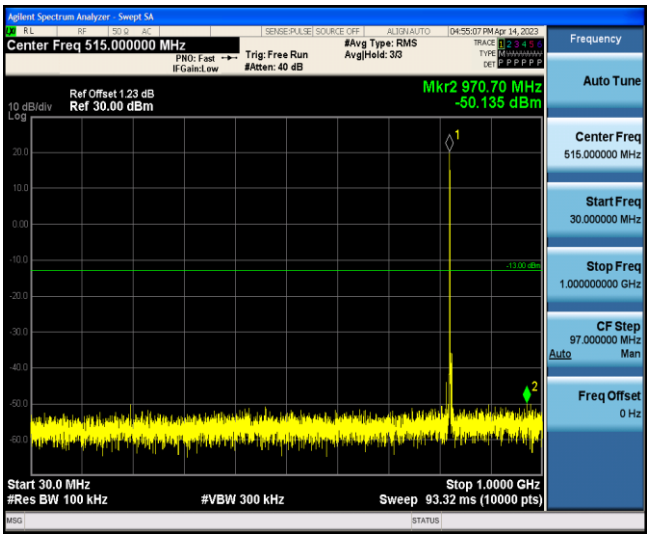
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-50.14	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-44.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.23	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-38.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-50.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-43.51	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-49.96	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-42.72	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-49.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-44.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-50.18	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-43.79	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-49.48	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-43.71	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.19	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-42.69	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-49.64	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-41.02	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-50.23	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-43.24	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-50.02	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-43.47	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-50.3	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-41.21	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-50.05	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-43.72	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-50.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-43.72	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-50.73	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-43.22	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-50.43	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-42.26	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-50.88	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-43.9	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-50.19	PASS

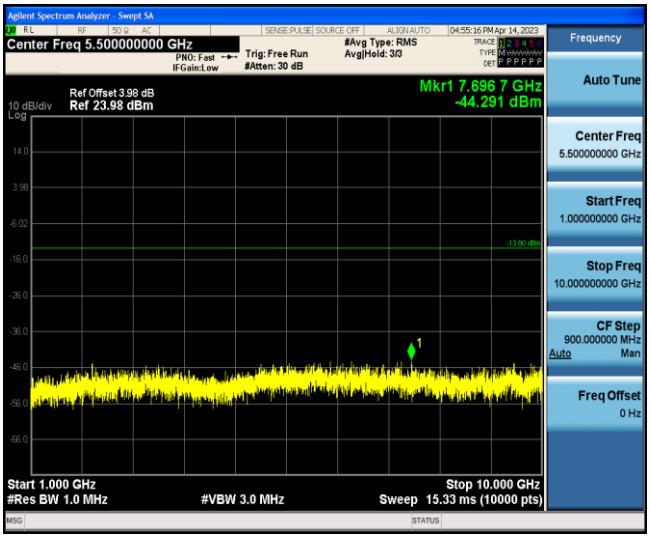
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-43.72	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-49.19	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-43.65	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-49.19	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-43.85	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-50.73	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-41.83	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-49.3	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-43.18	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-48.56	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-43.25	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-49.73	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-44	PASS

Test Graphs

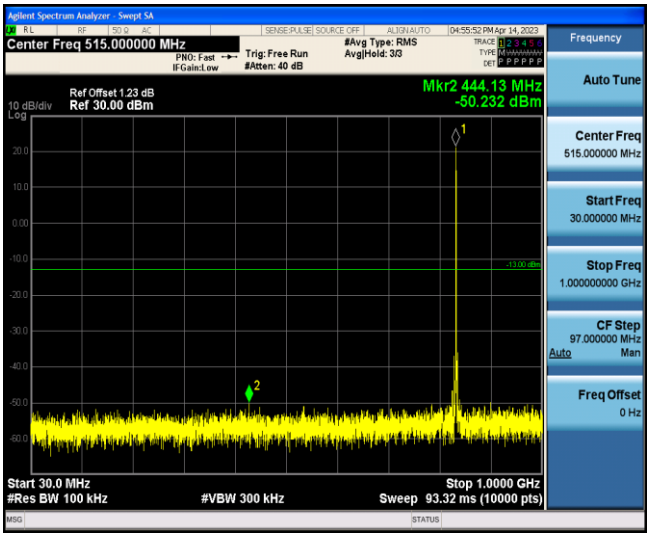
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



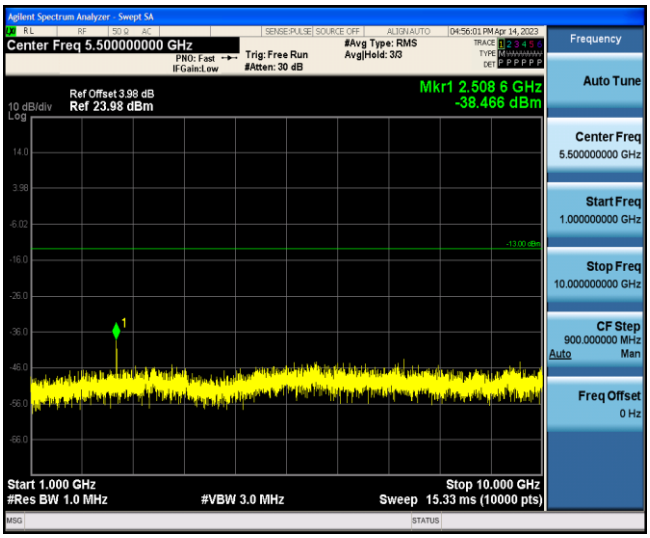
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz