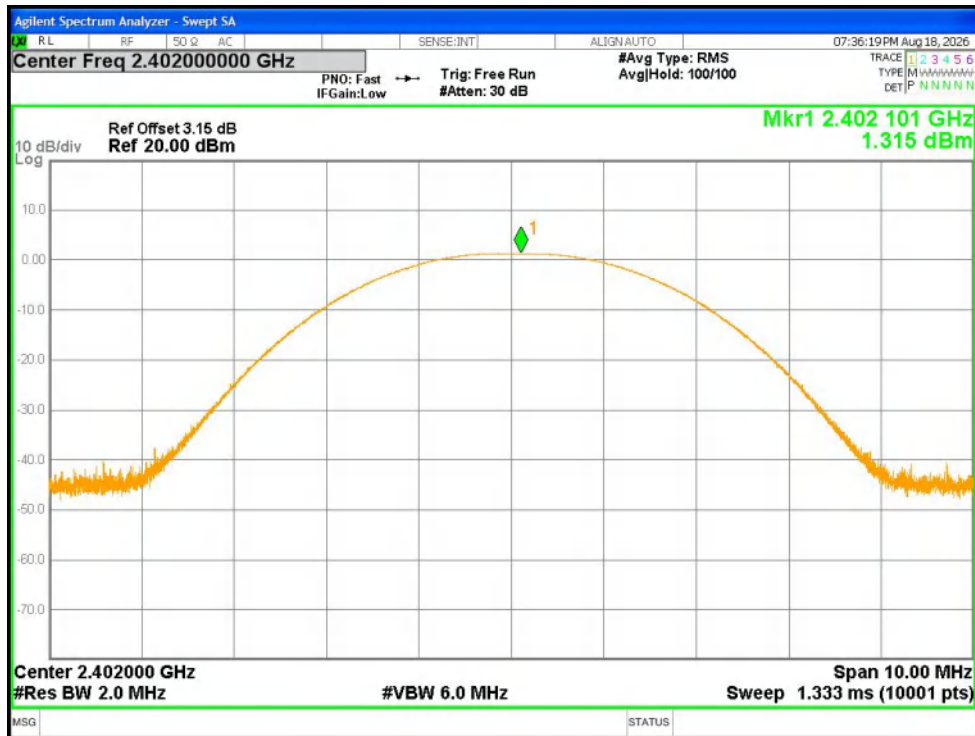


Product Name : Audio Amplifier

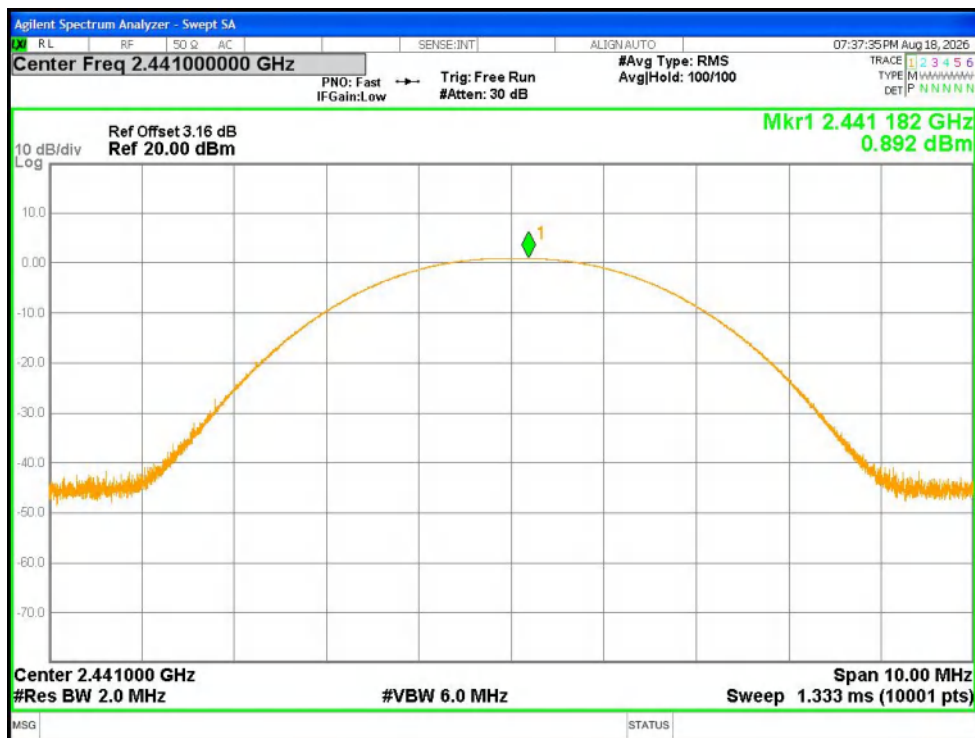
FCC ID : 2A5C4-A80

1. Maximum Peak Conducted Output Power

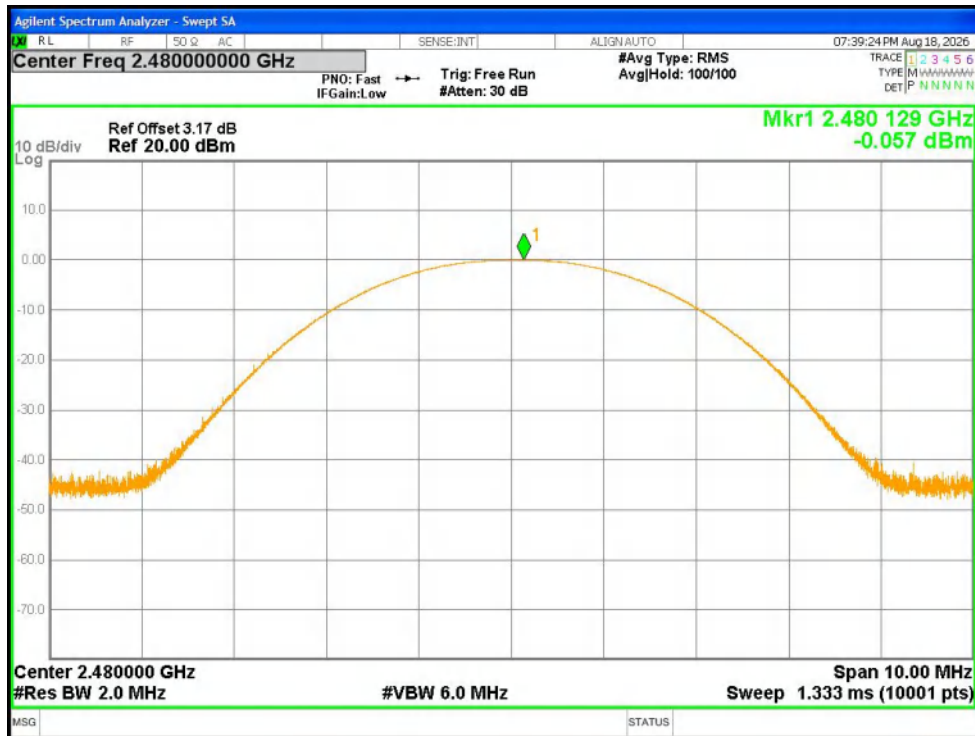
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.32	21	Pass
NVNT	1-DH5	2441	Ant1	0.89	21	Pass
NVNT	1-DH5	2480	Ant1	-0.06	21	Pass
NVNT	2-DH5	2402	Ant1	2.15	21	Pass
NVNT	2-DH5	2441	Ant1	1.79	21	Pass
NVNT	2-DH5	2480	Ant1	0.84	21	Pass
NVNT	3-DH5	2402	Ant1	2.58	21	Pass
NVNT	3-DH5	2441	Ant1	2.14	21	Pass
NVNT	3-DH5	2480	Ant1	1.17	21	Pass



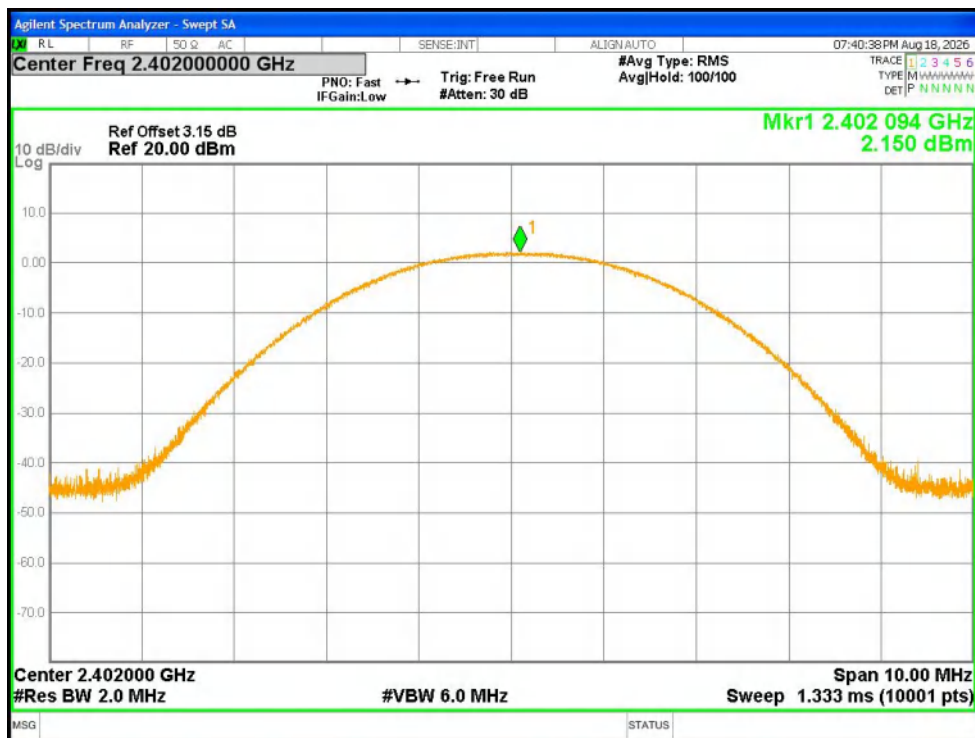
Peak Power NVNT 1-DH5 2402MHz Ant1



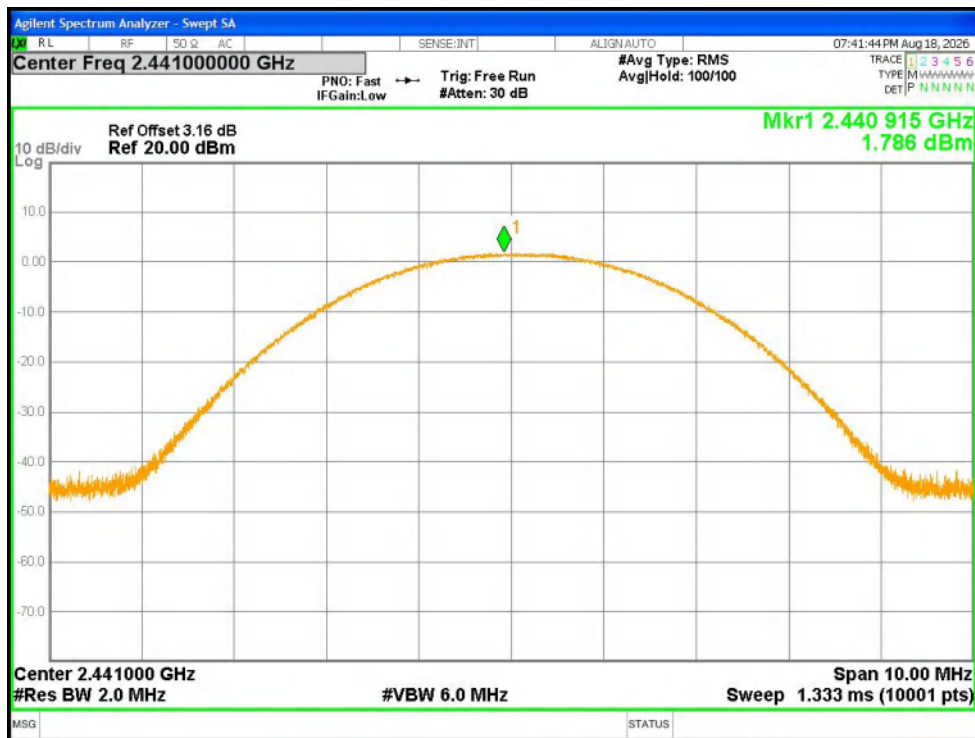
Peak Power NVNT 1-DH5 2441MHz Ant1



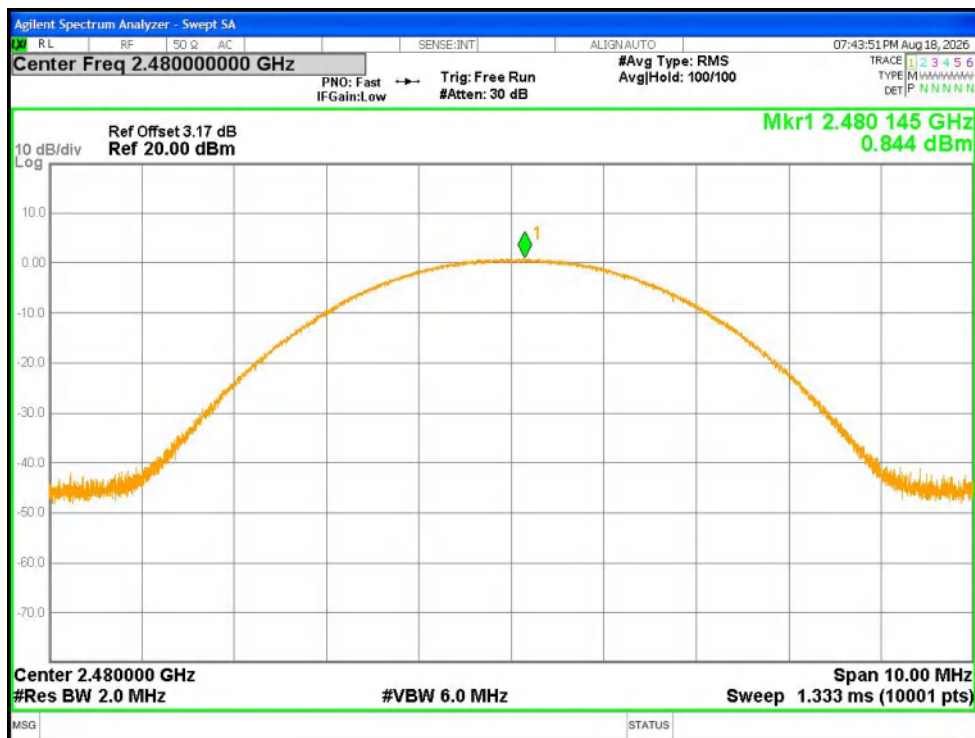
Peak Power NVNT 1-DH5 2480MHz Ant1



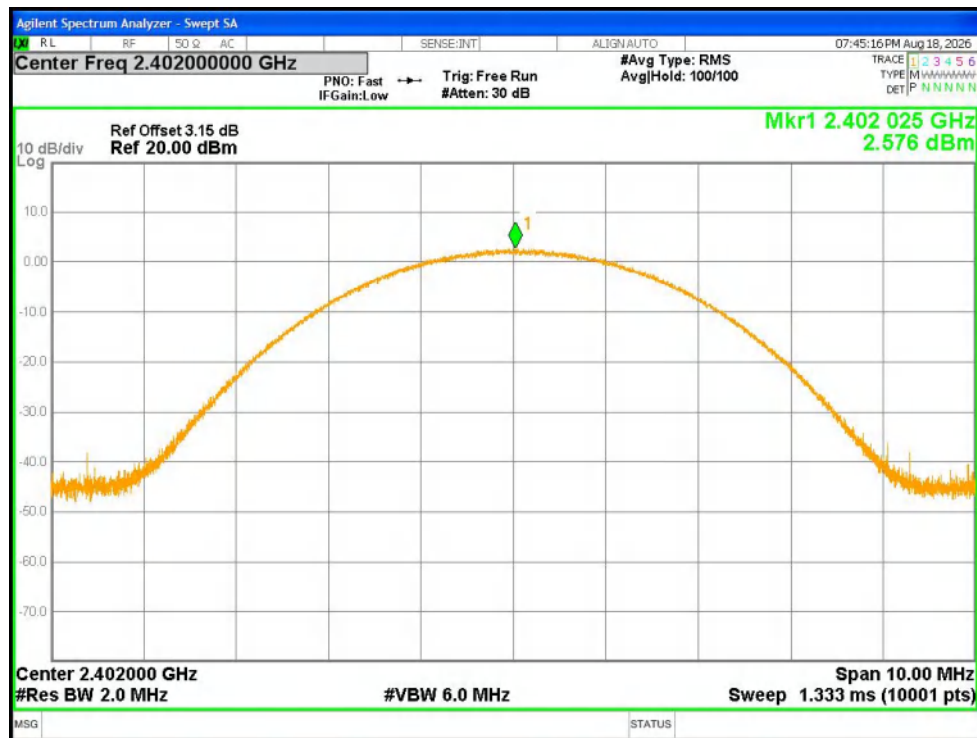
Peak Power NVNT 2-DH5 2402MHz Ant1



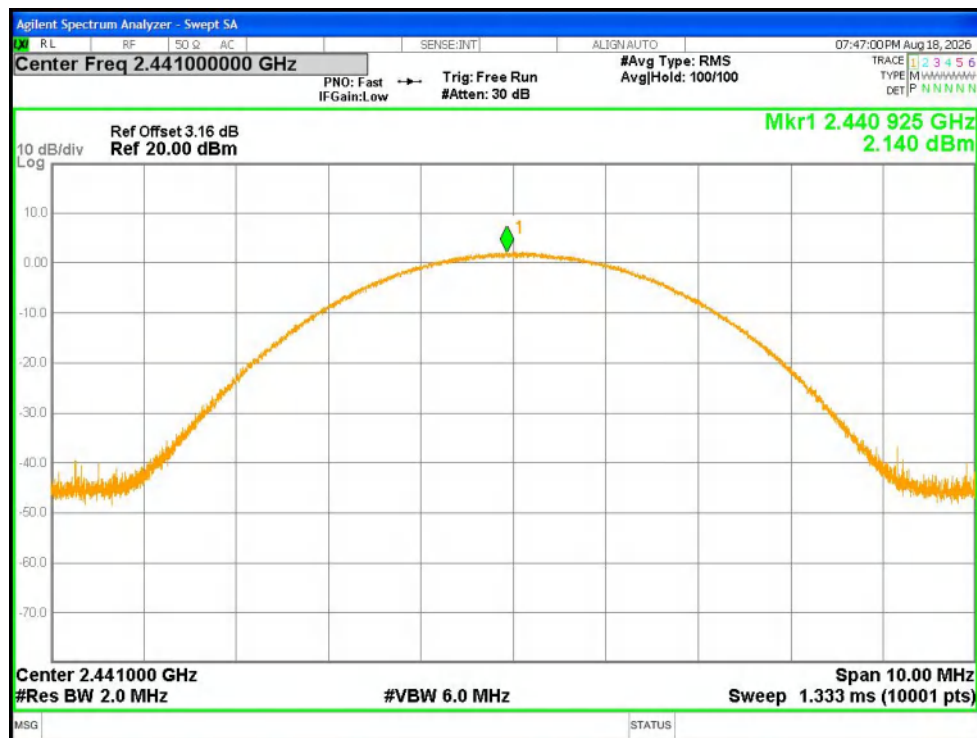
Peak Power NVNT 2-DH5 2441MHz Ant1



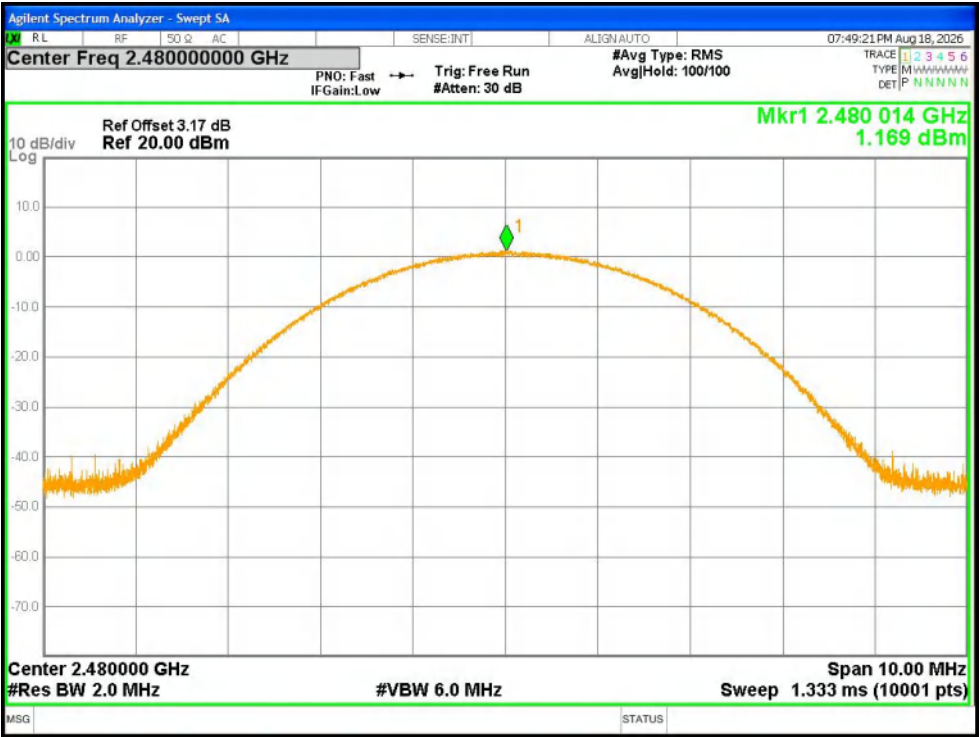
Peak Power NVNT 2-DH5 2480MHz Ant1



Peak Power NVNT 3-DH5 2402MHz Ant1



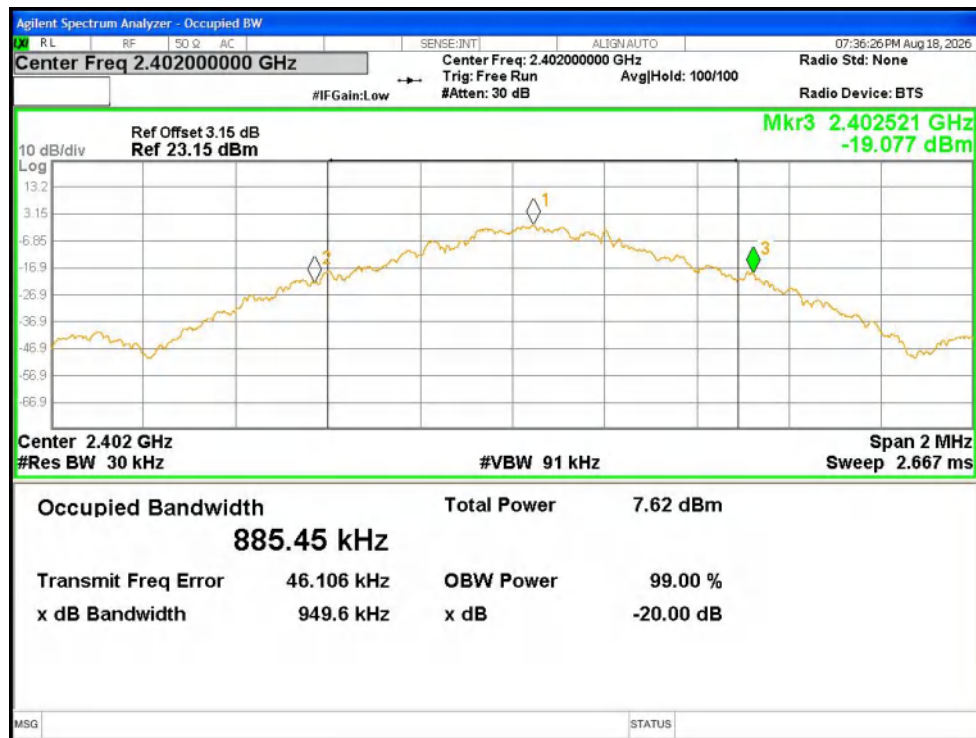
Peak Power NVNT 3-DH5 2441MHz Ant1



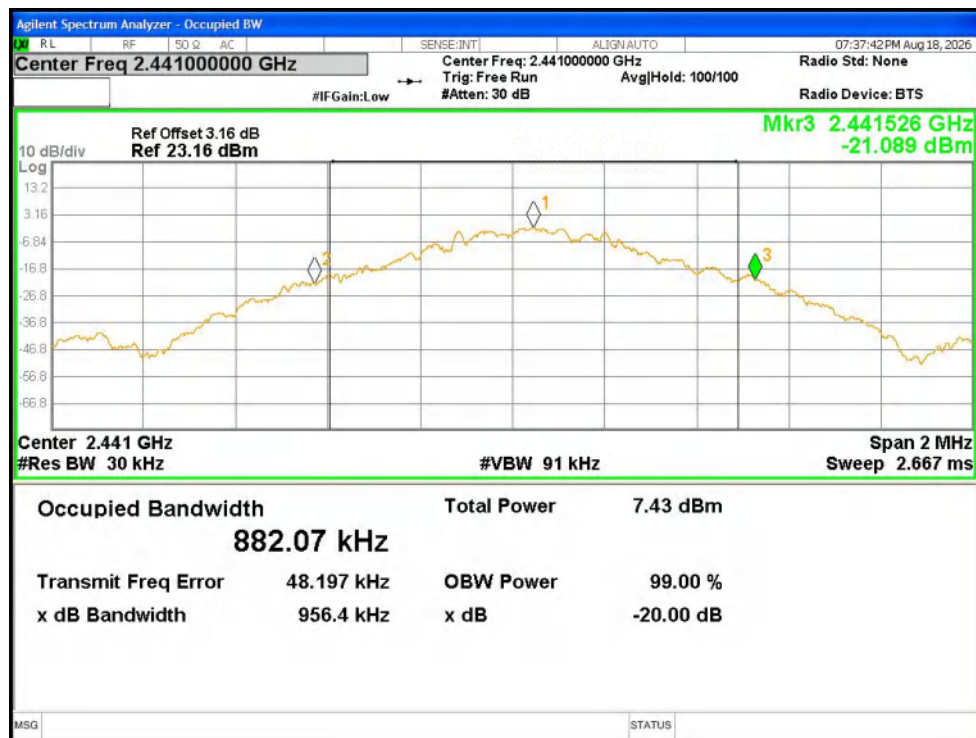
Peak Power NVNT 3-DH5 2480MHz Ant1

2. -20dB Bandwidth

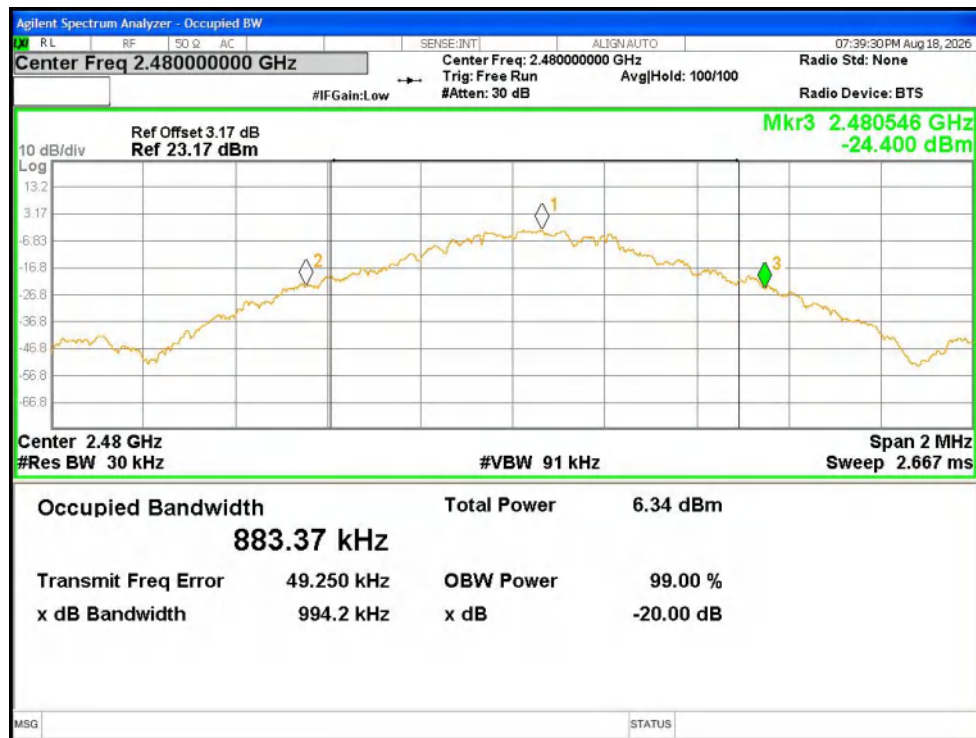
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.95	Pass
NVNT	1-DH5	2441	Ant1	0.956	Pass
NVNT	1-DH5	2480	Ant1	0.994	Pass
NVNT	2-DH5	2402	Ant1	1.288	Pass
NVNT	2-DH5	2441	Ant1	1.303	Pass
NVNT	2-DH5	2480	Ant1	1.284	Pass
NVNT	3-DH5	2402	Ant1	1.295	Pass
NVNT	3-DH5	2441	Ant1	1.297	Pass
NVNT	3-DH5	2480	Ant1	1.303	Pass



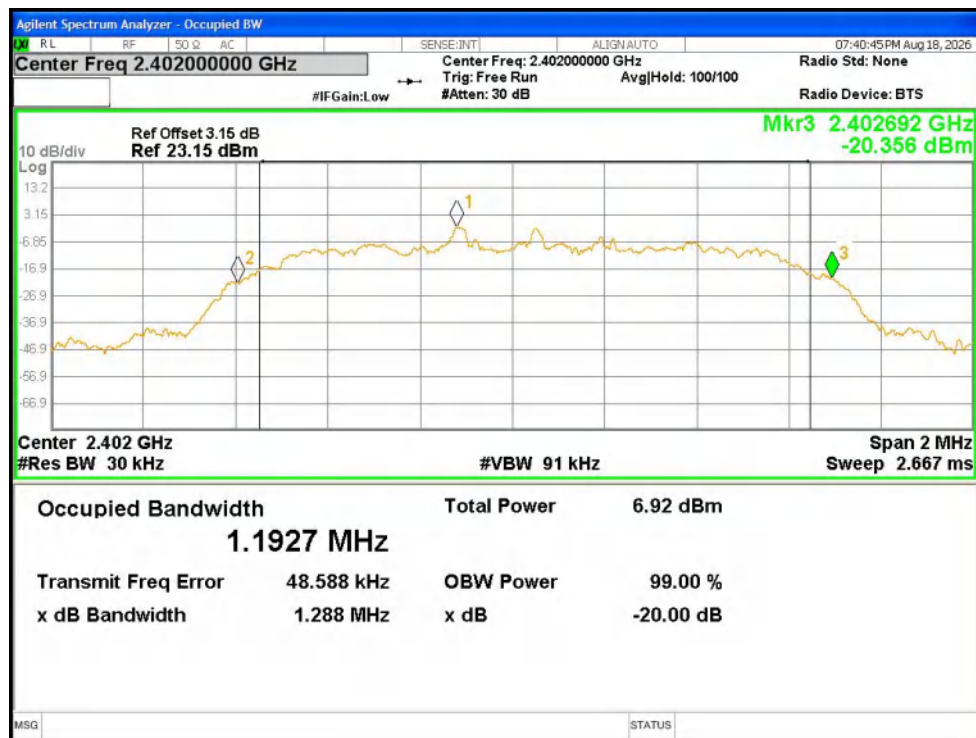
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



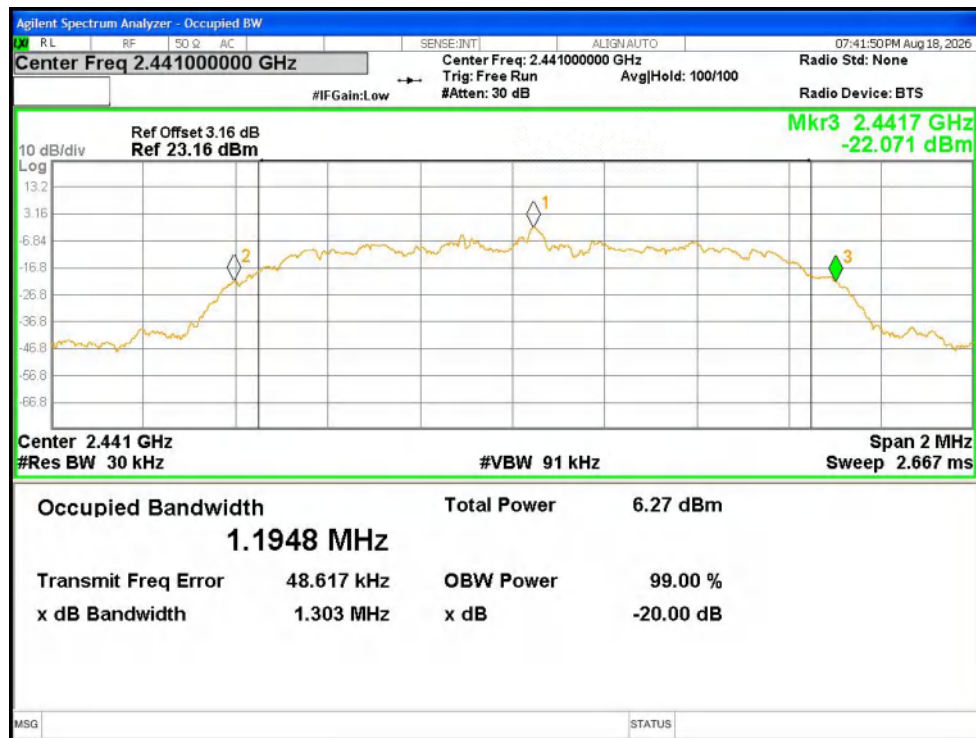
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



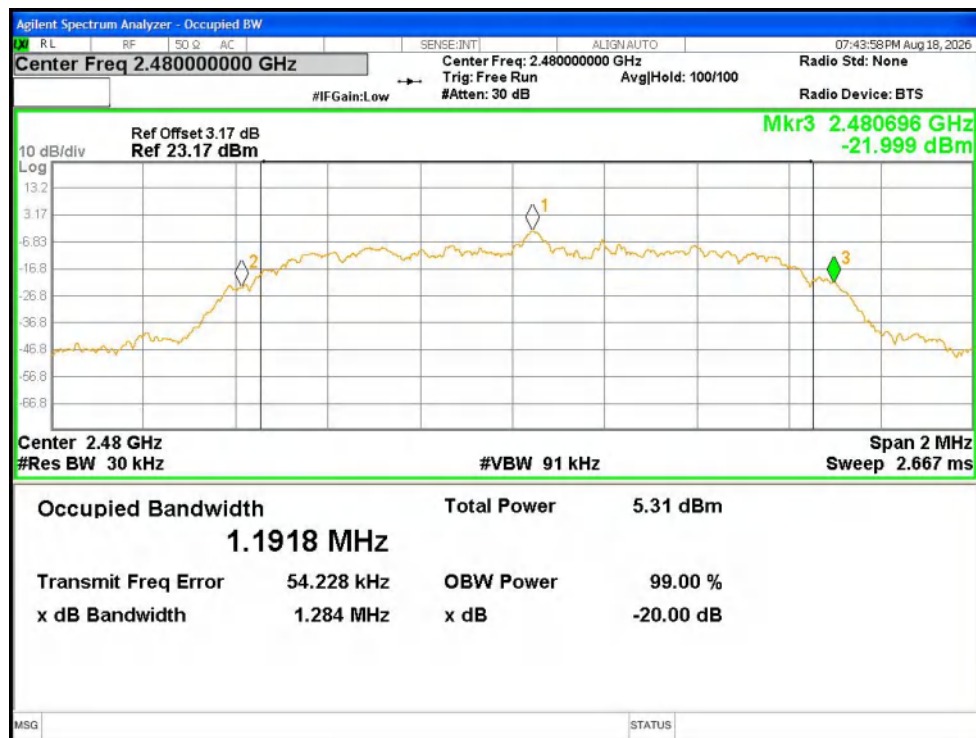
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



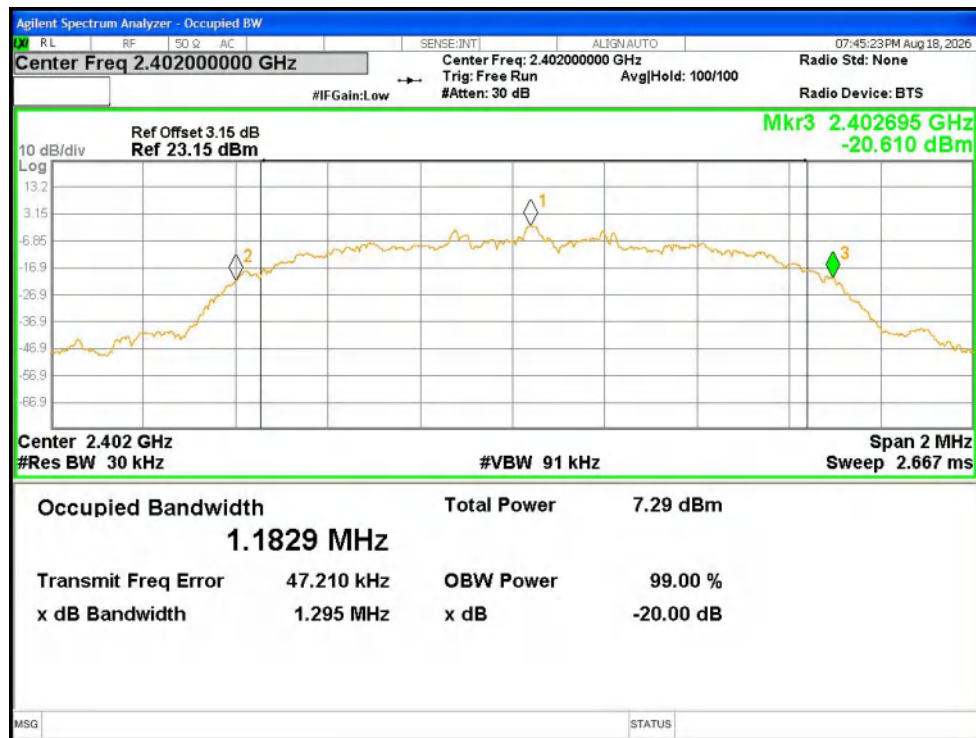
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



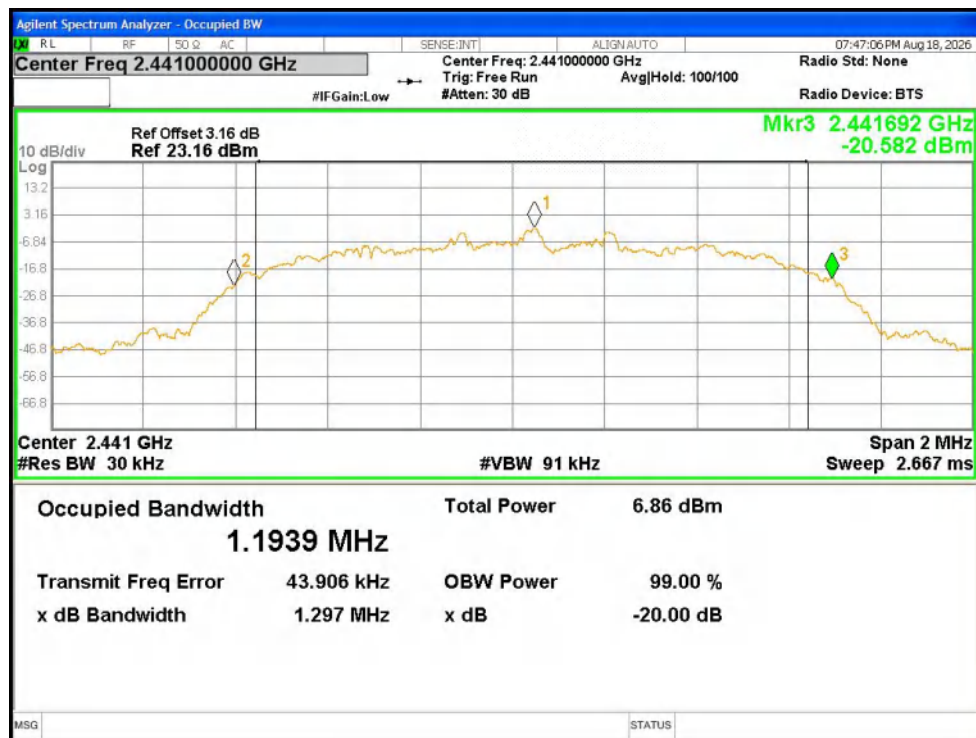
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



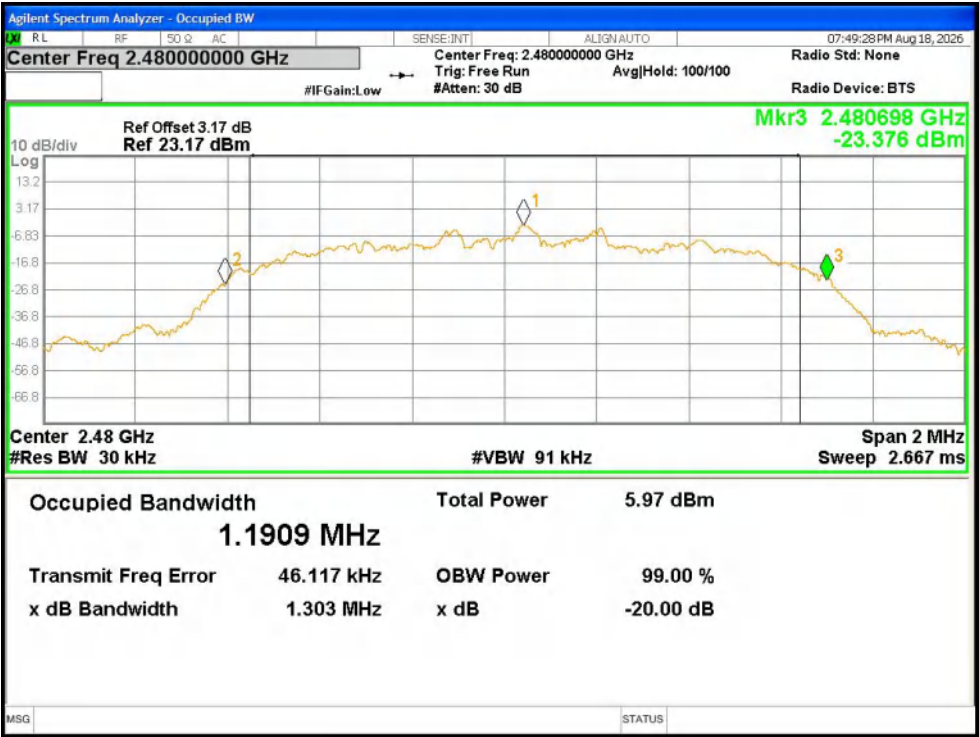
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



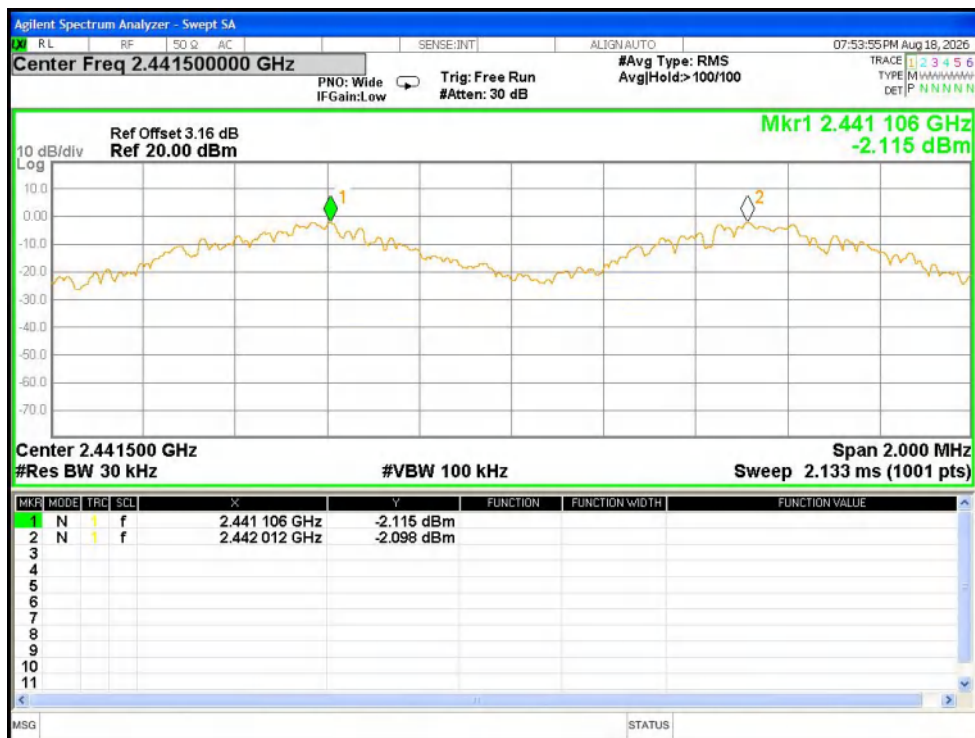
-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

3. Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.058	2403.012	0.954	0.633	Pass
NVNT	1-DH5	Ant1	2441.106	2442.012	0.906	0.637	Pass
NVNT	1-DH5	Ant1	2479.1	2480.048	0.948	0.663	Pass
NVNT	2-DH5	Ant1	2401.878	2403.04	1.162	0.859	Pass
NVNT	2-DH5	Ant1	2441.048	2442.046	0.998	0.869	Pass
NVNT	2-DH5	Ant1	2478.874	2480.198	1.324	0.856	Pass
NVNT	3-DH5	Ant1	2402.028	2403.048	1.02	0.863	Pass
NVNT	3-DH5	Ant1	2441.202	2442.152	0.95	0.865	Pass
NVNT	3-DH5	Ant1	2479.044	2480.044	1	0.869	Pass



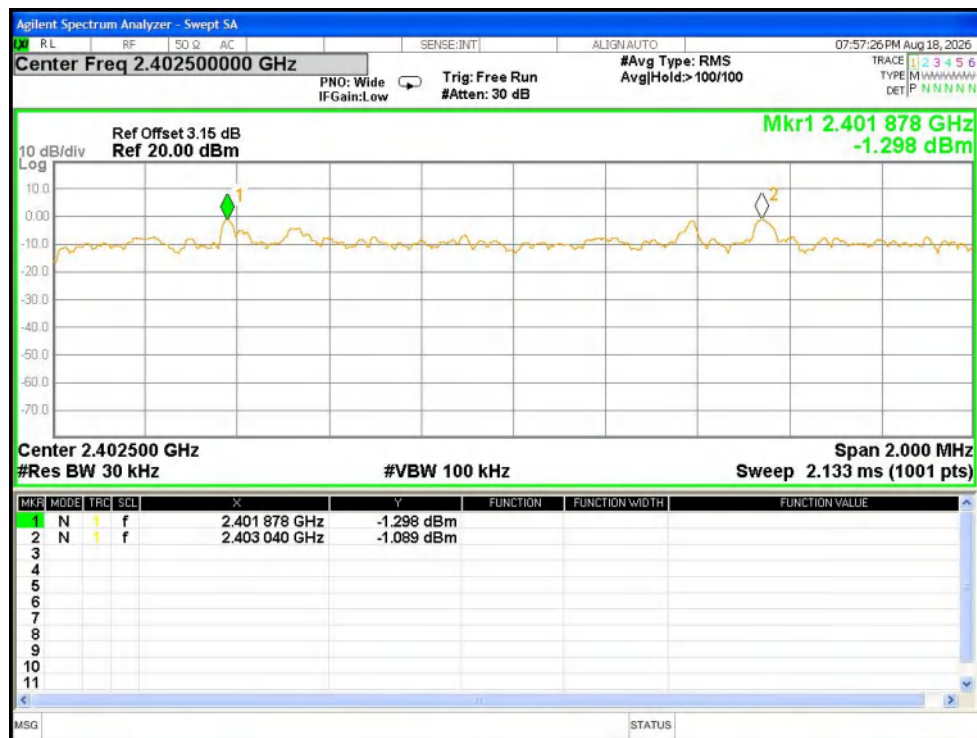
CFS NVNT 1-DH5 2402MHz Ant1



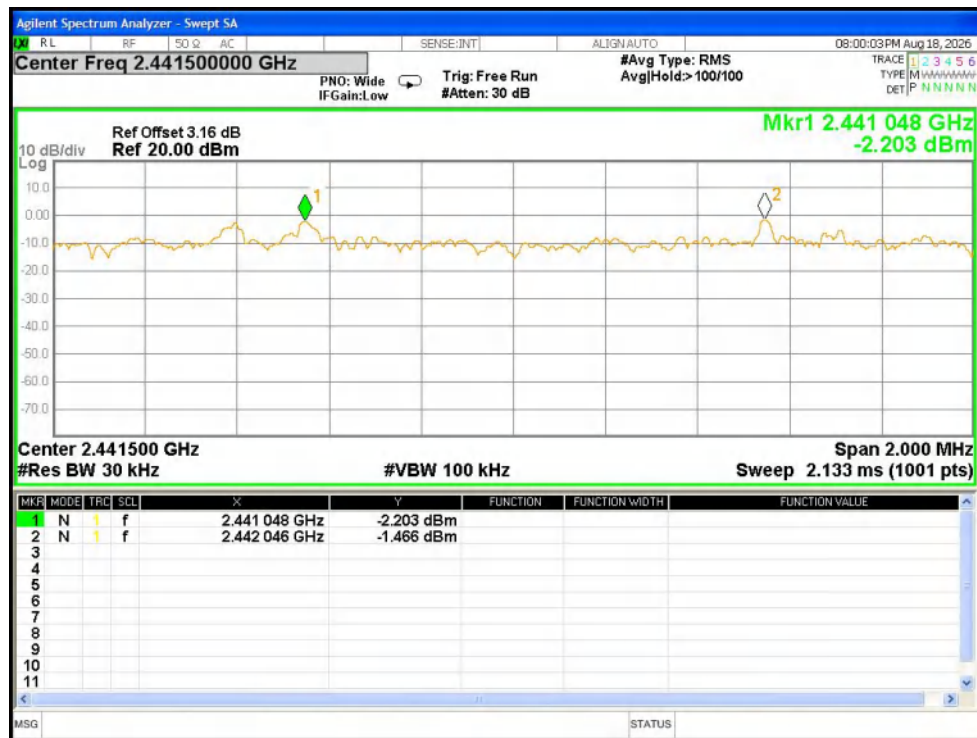
CFS NVNT 1-DH5 2441MHz Ant1



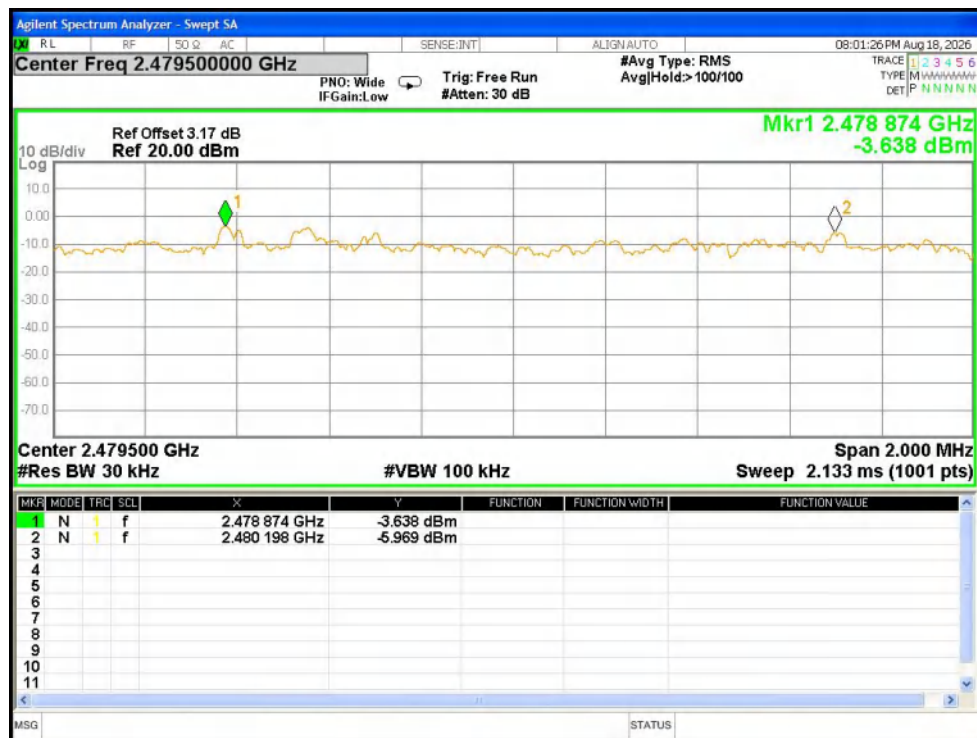
CFS NVNT 1-DH5 2480MHz Ant1



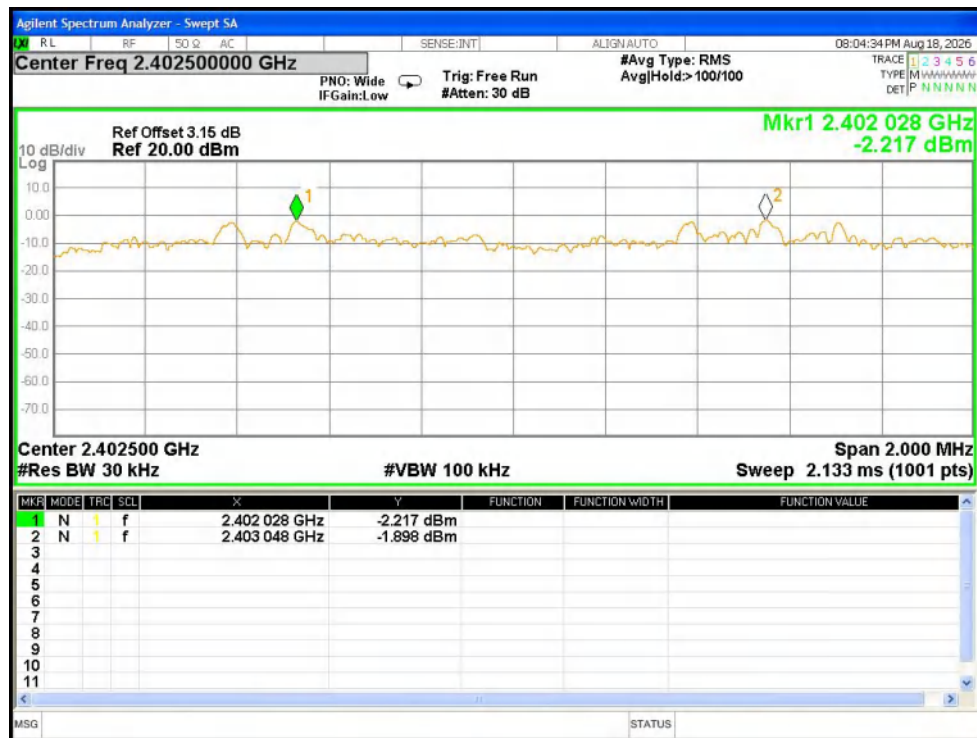
CFS NVNT 2-DH5 2402MHz Ant1



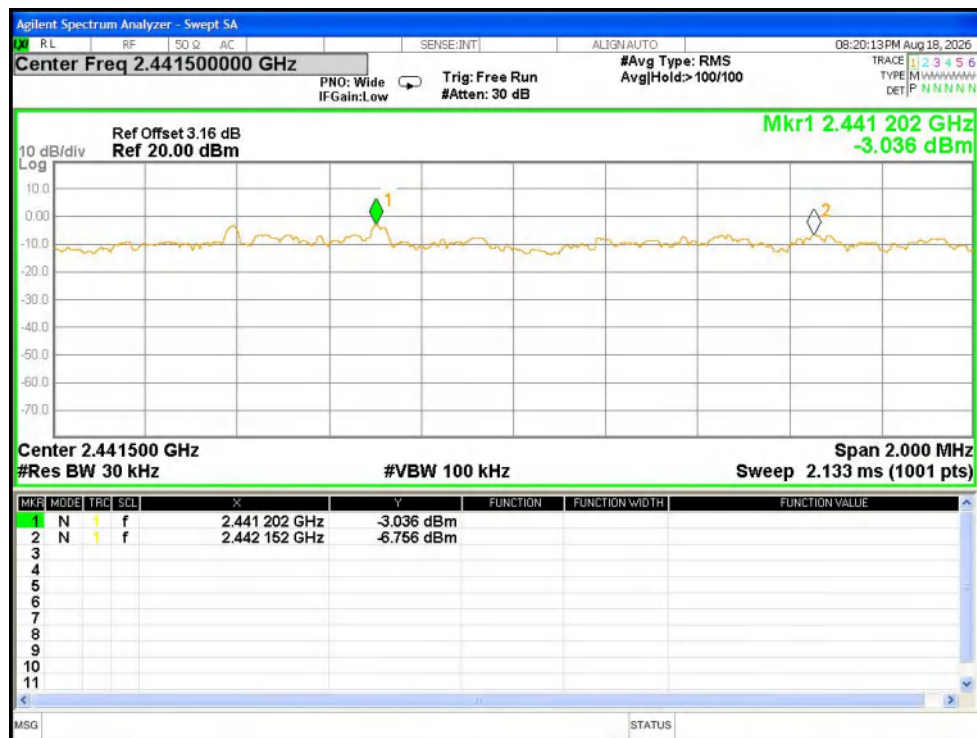
CFS NVNT 2-DH5 2441MHz Ant1



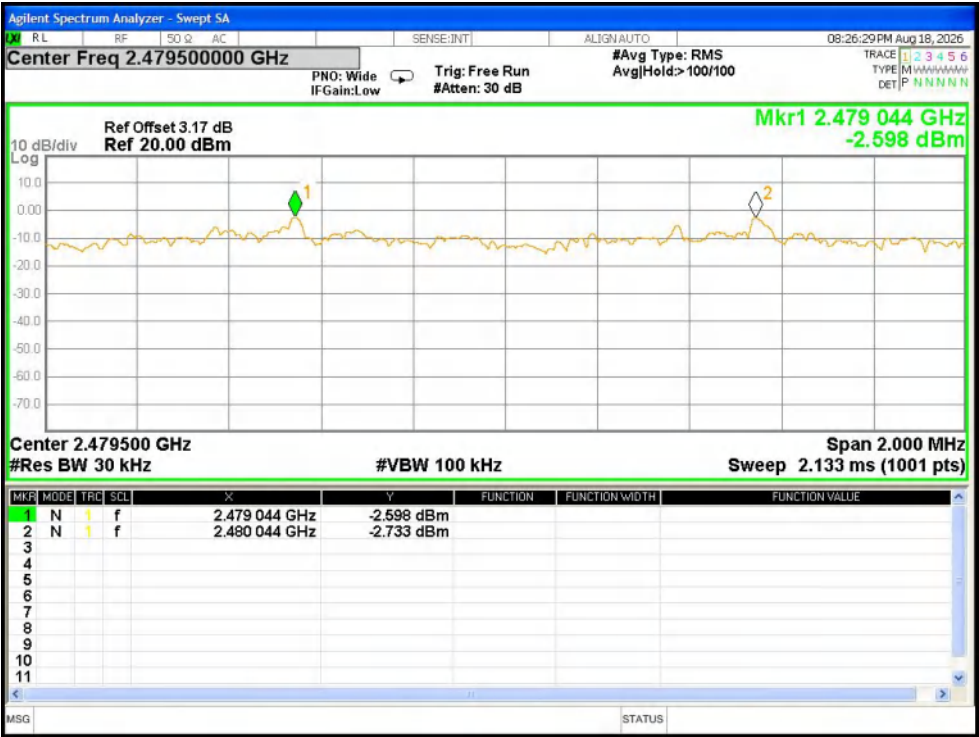
CFS NVNT 2-DH5 2480MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1



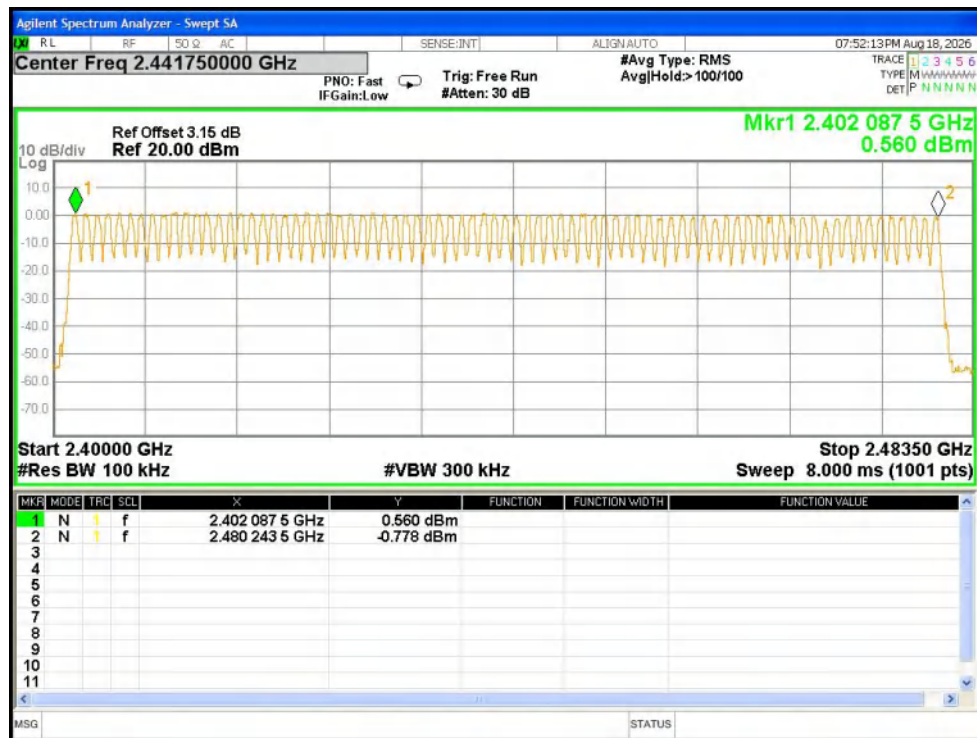
CFS NVNT 3-DH5 2441MHz Ant1



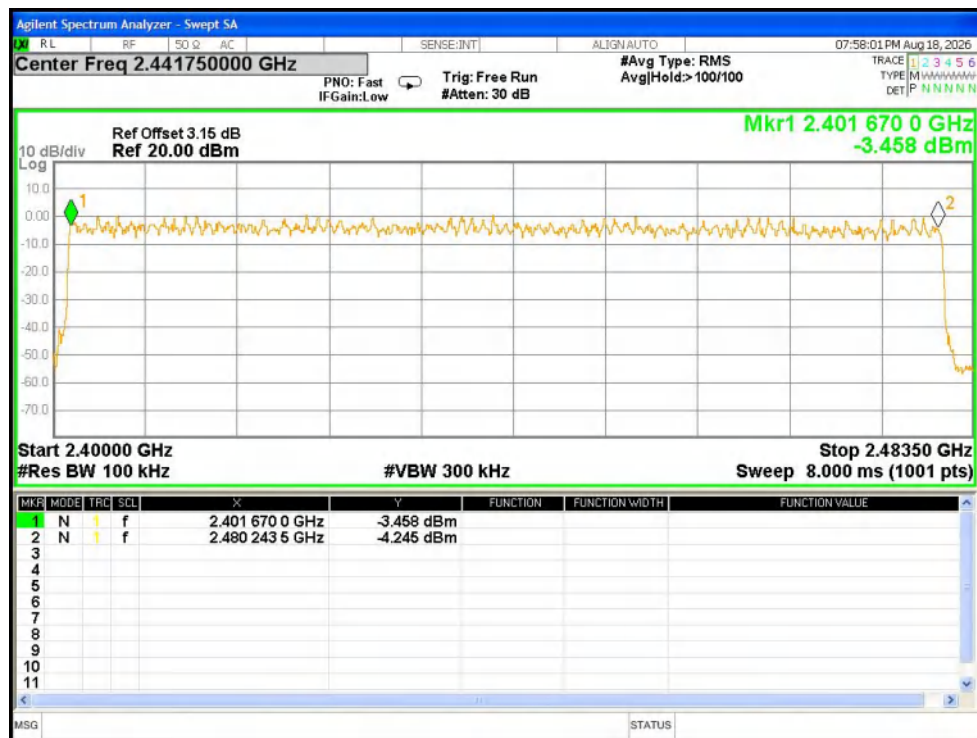
CFS NVNT 3-DH5 2480MHz Ant1

4. Number of Hopping Channel

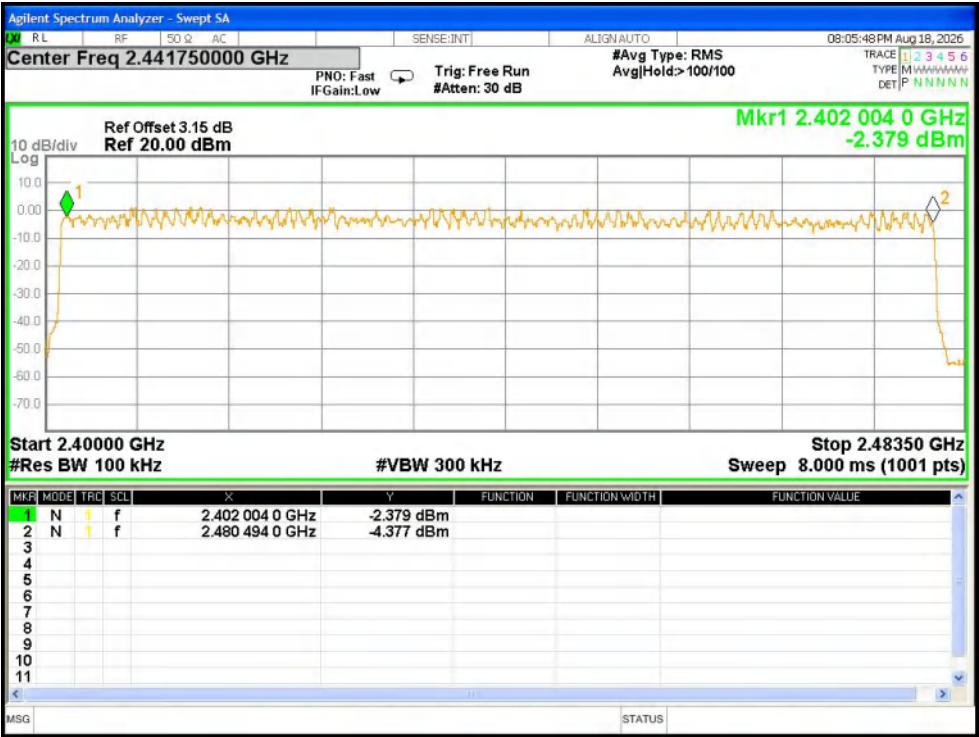
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Hopping No. NVNT 1-DH5 2402MHz Ant1



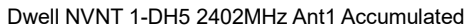
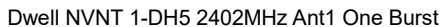
Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

5. Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.887	306.022	106	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.887	314.683	109	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.887	366.649	127	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.891	318.01	110	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	326.796	113	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.892	286.308	99	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.894	292.294	101	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.893	312.444	108	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.894	355.962	123	31600	400	Pass





Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



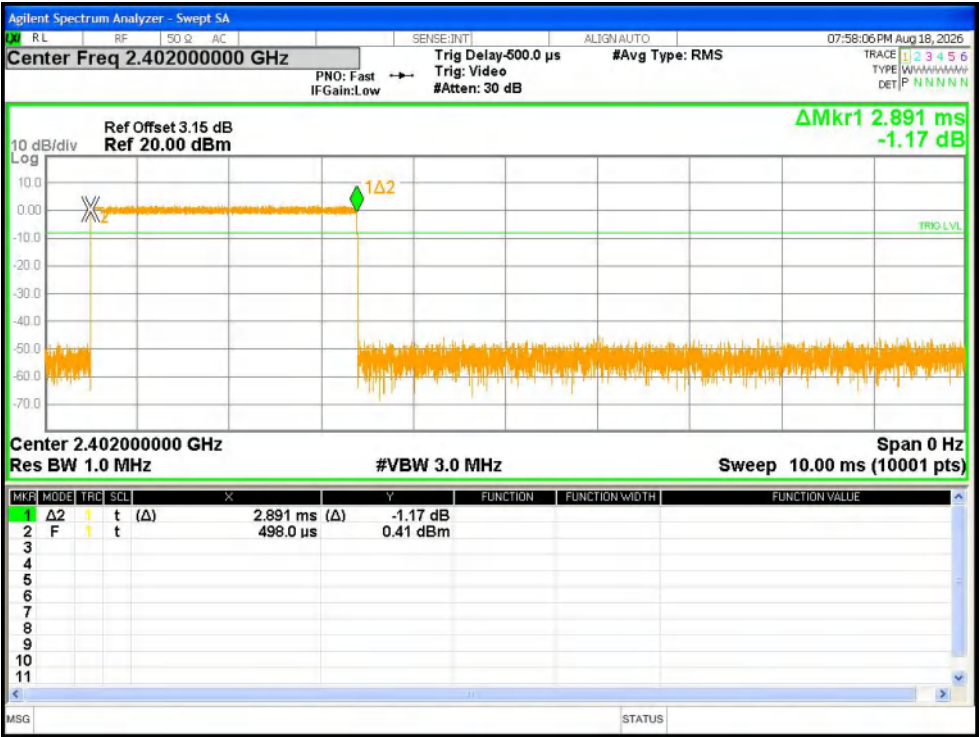
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



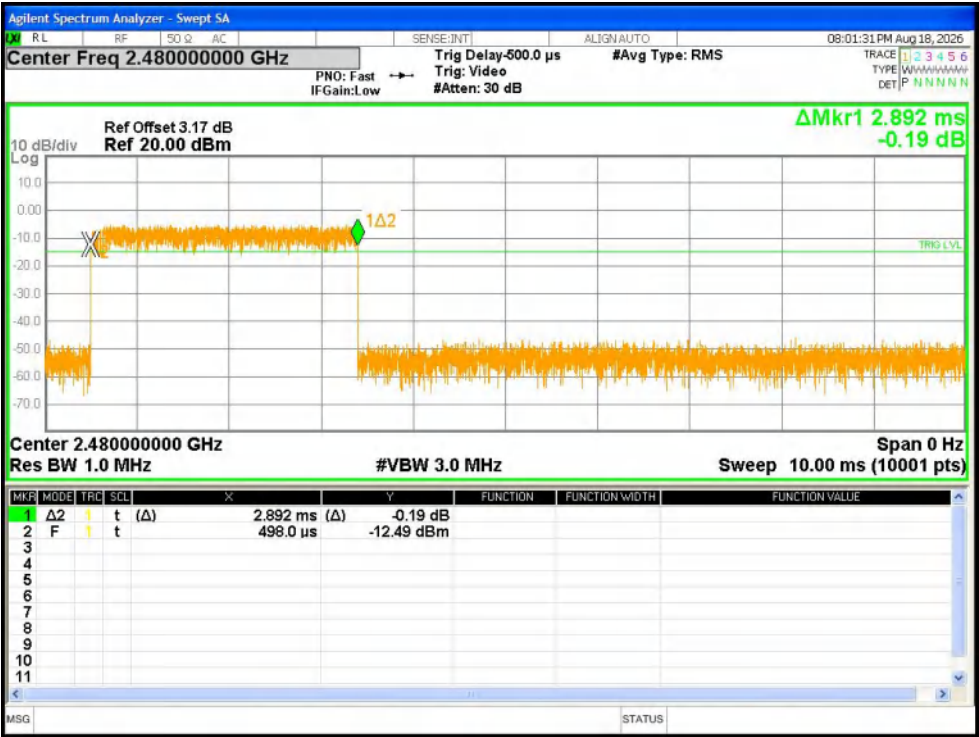
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



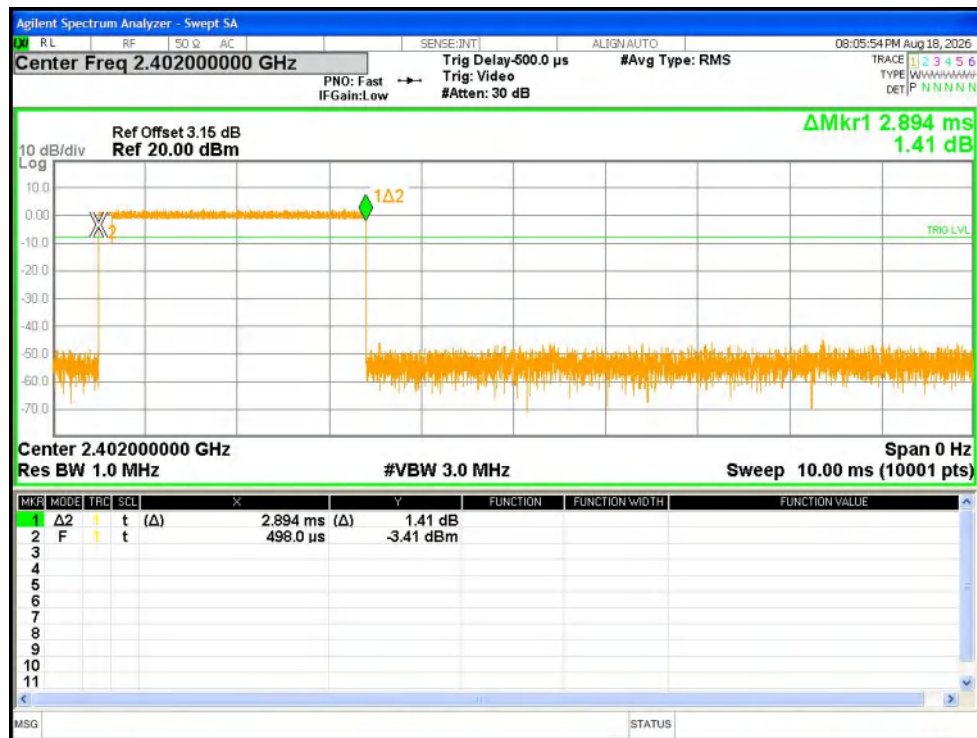
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



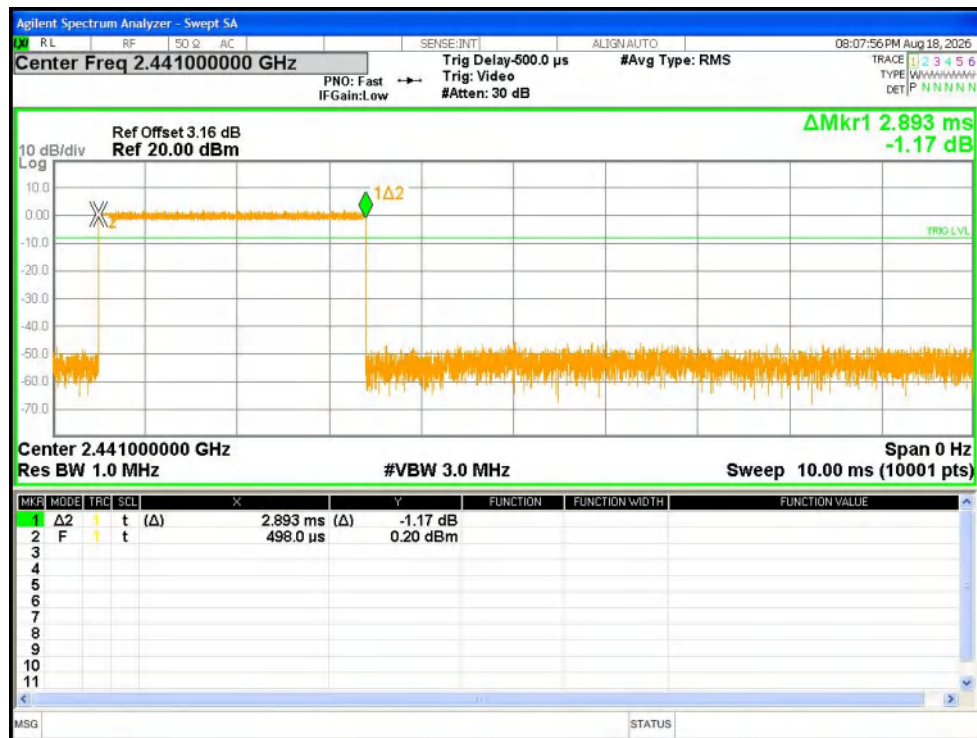
Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



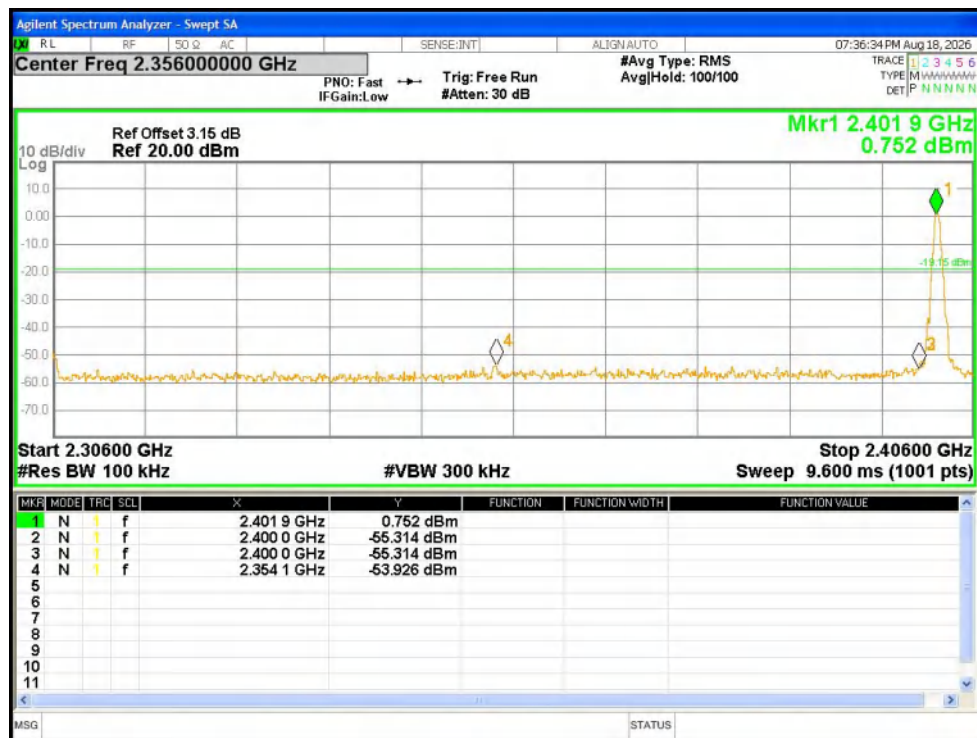
Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-54.77	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-54.09	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-53.8	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.54	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-53.36	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-53.83	-20	Pass



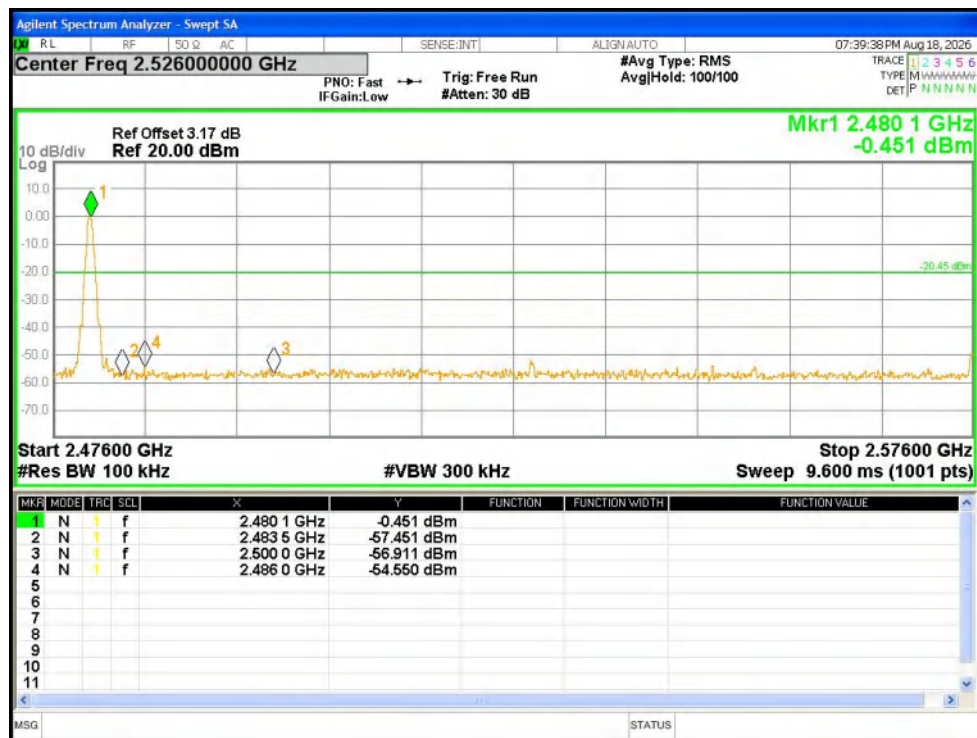
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



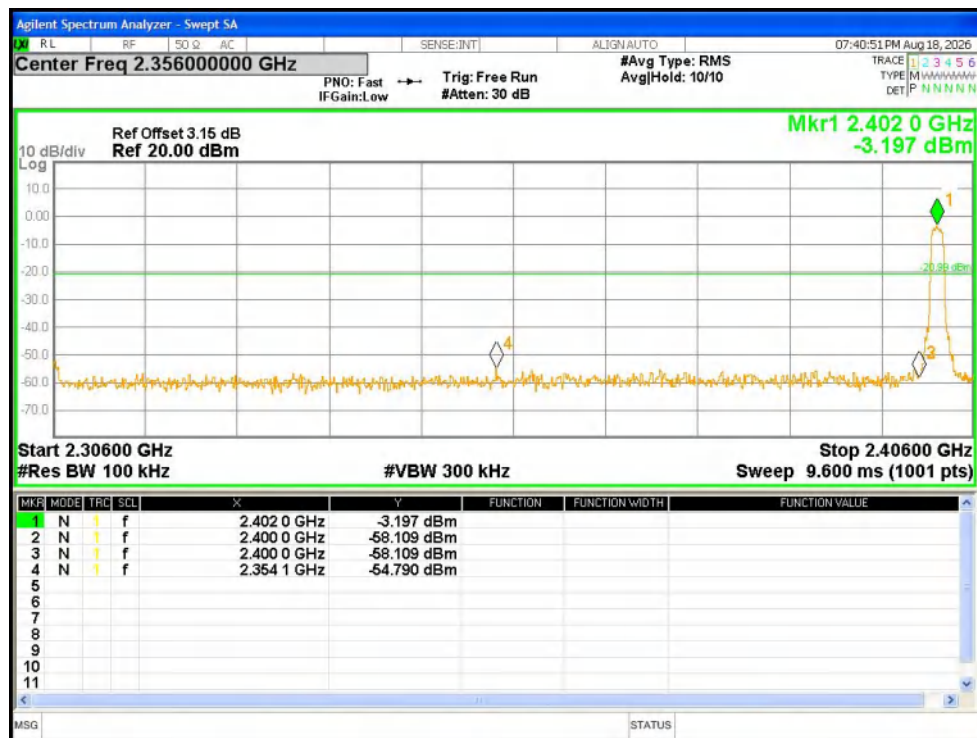
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



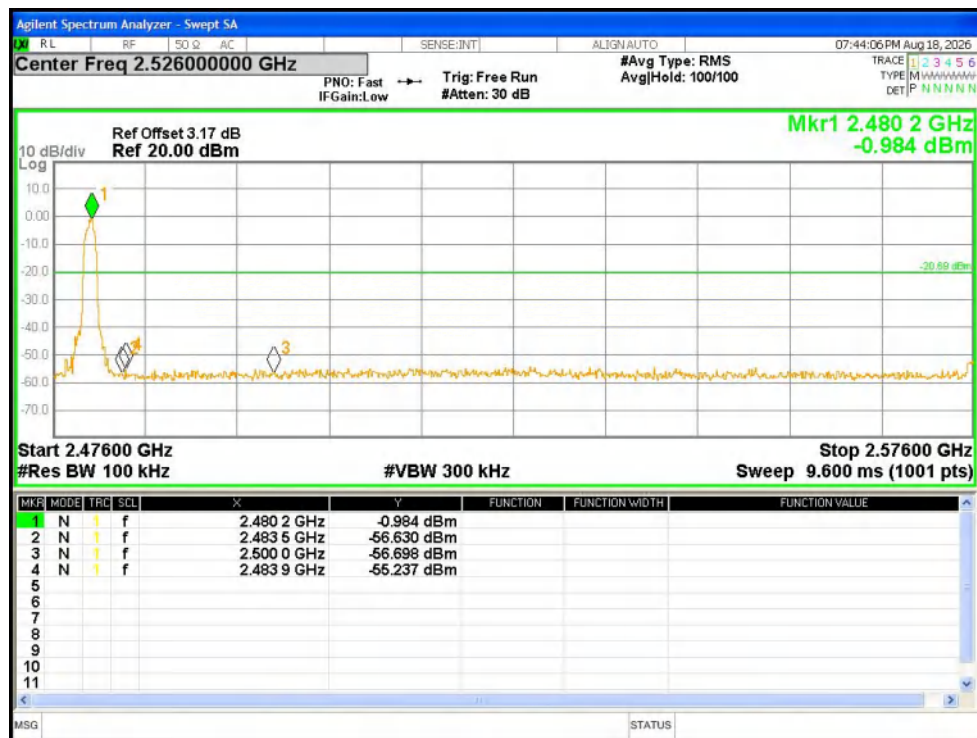
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



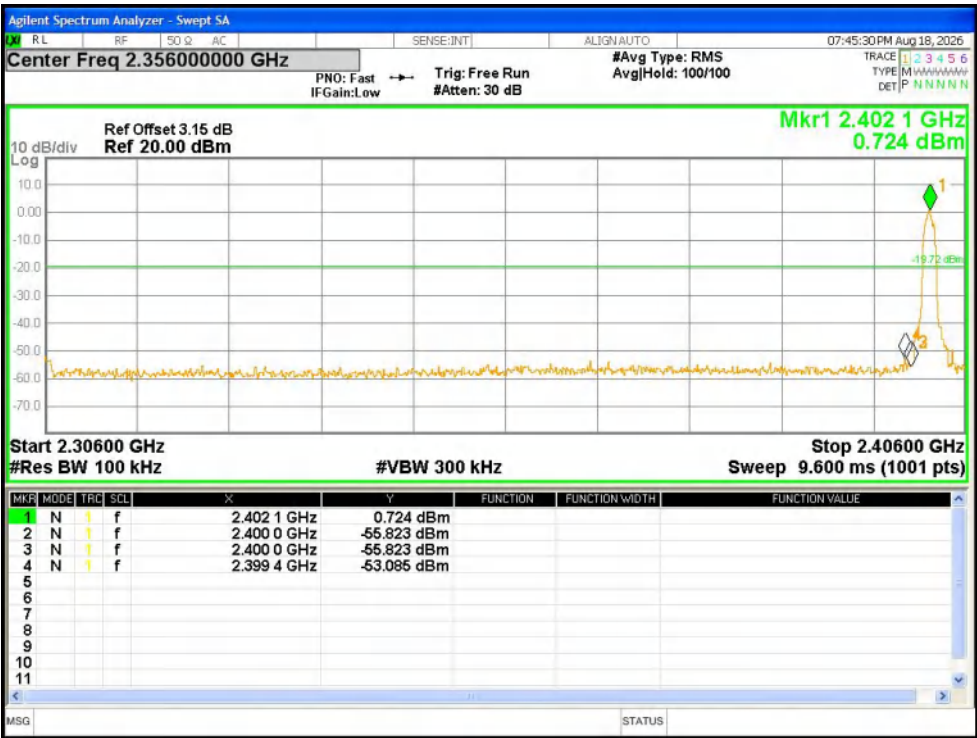
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



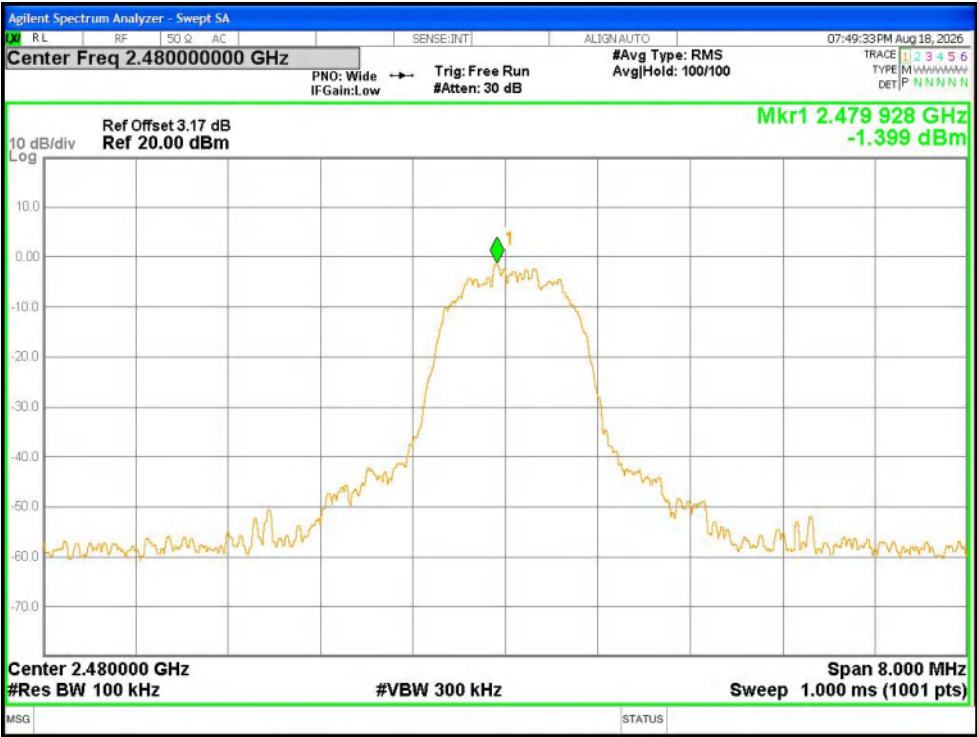
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



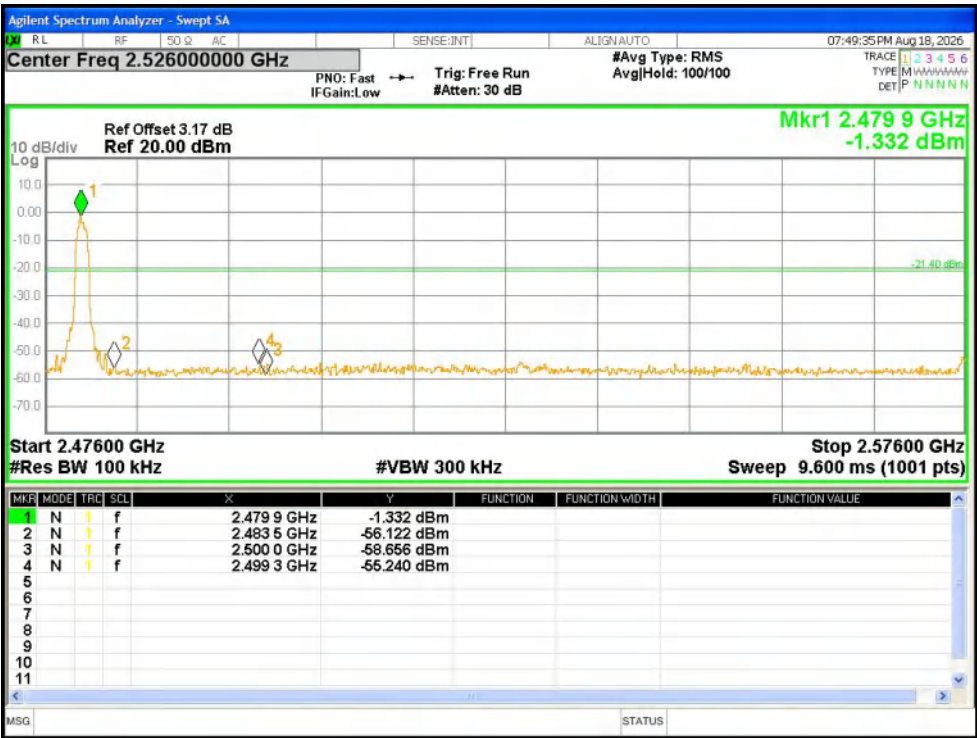
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



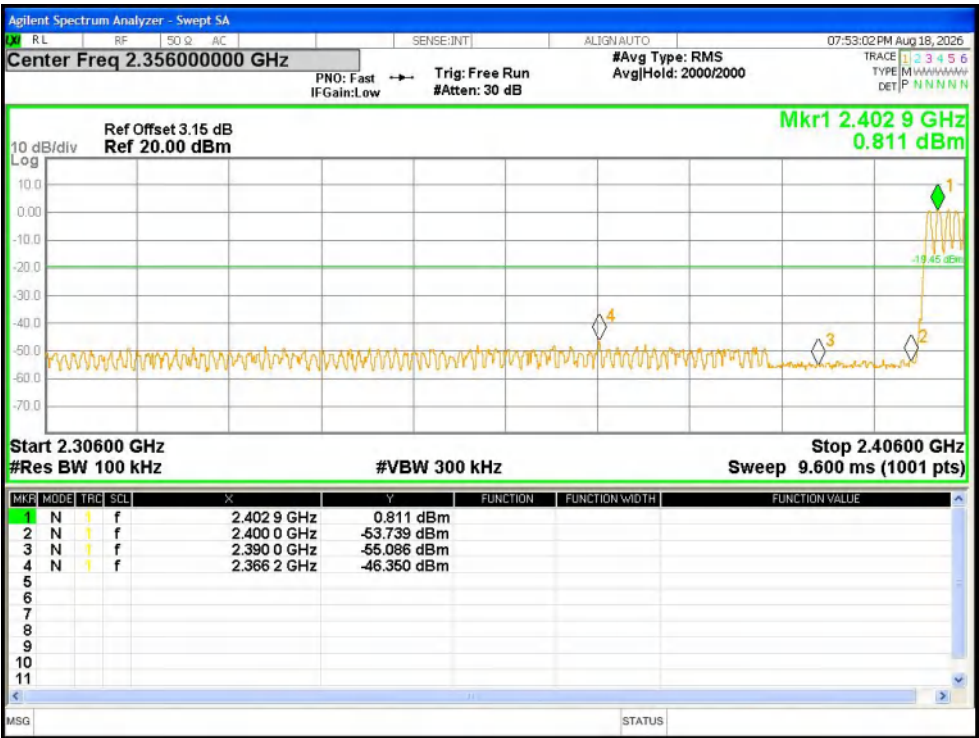
Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

7. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-46.89	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-47.64	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-47.78	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-47.43	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-48.43	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-48.9	-20	Pass



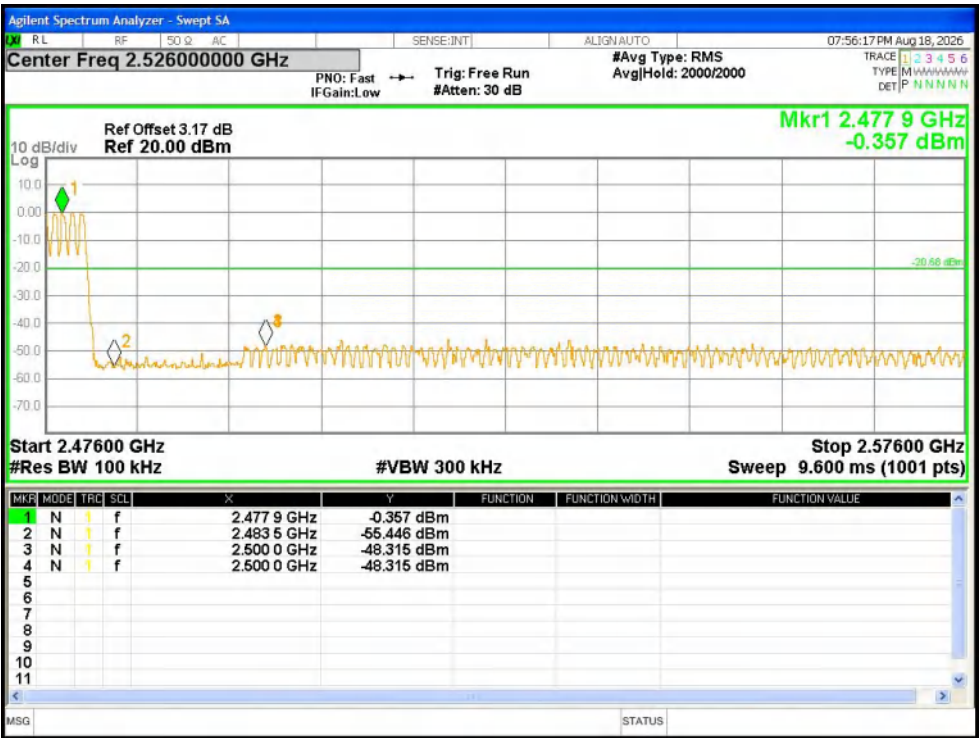
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



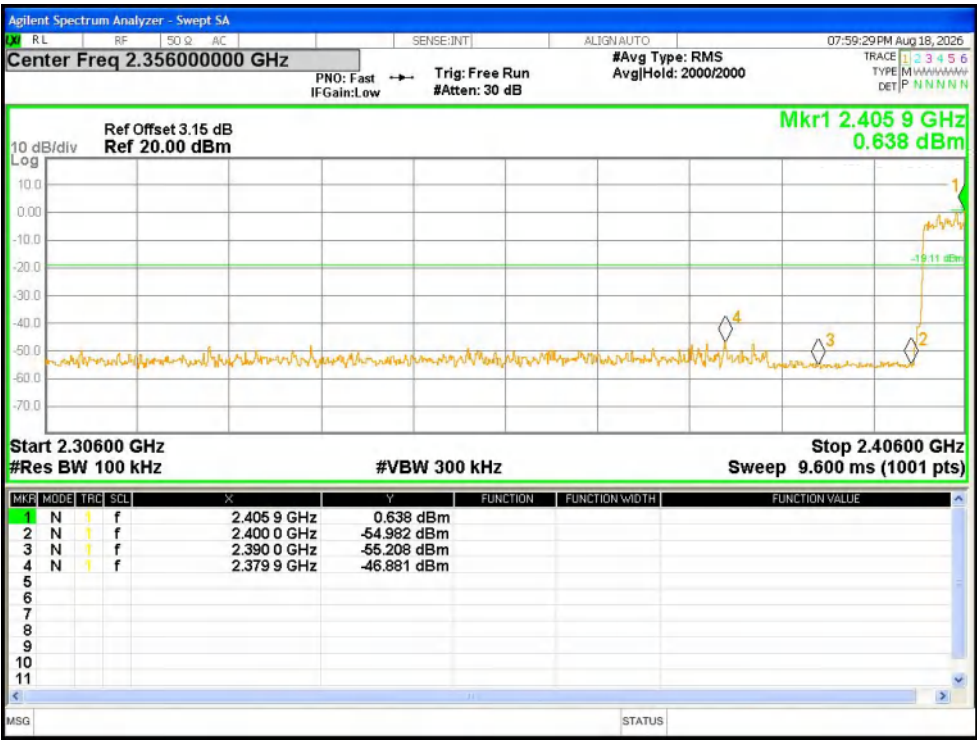
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



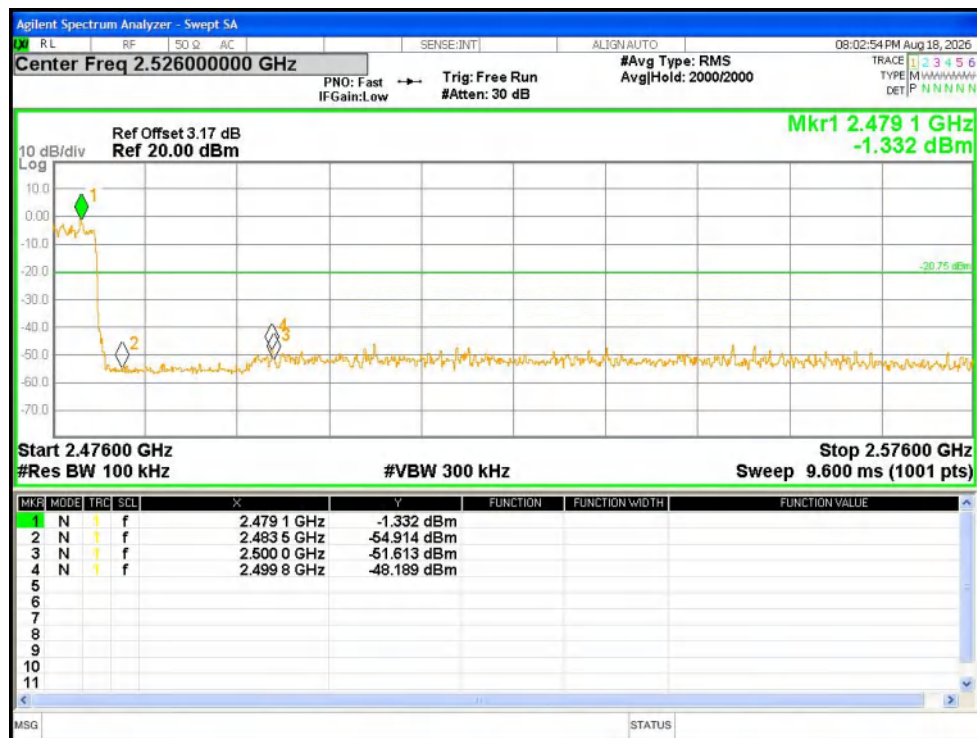
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



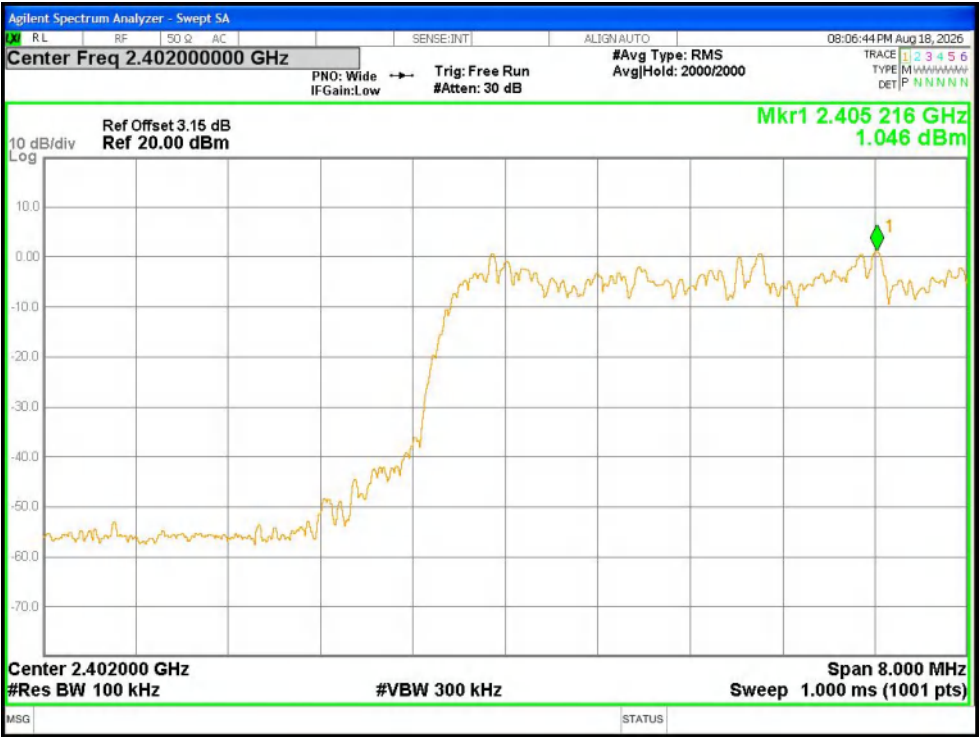
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



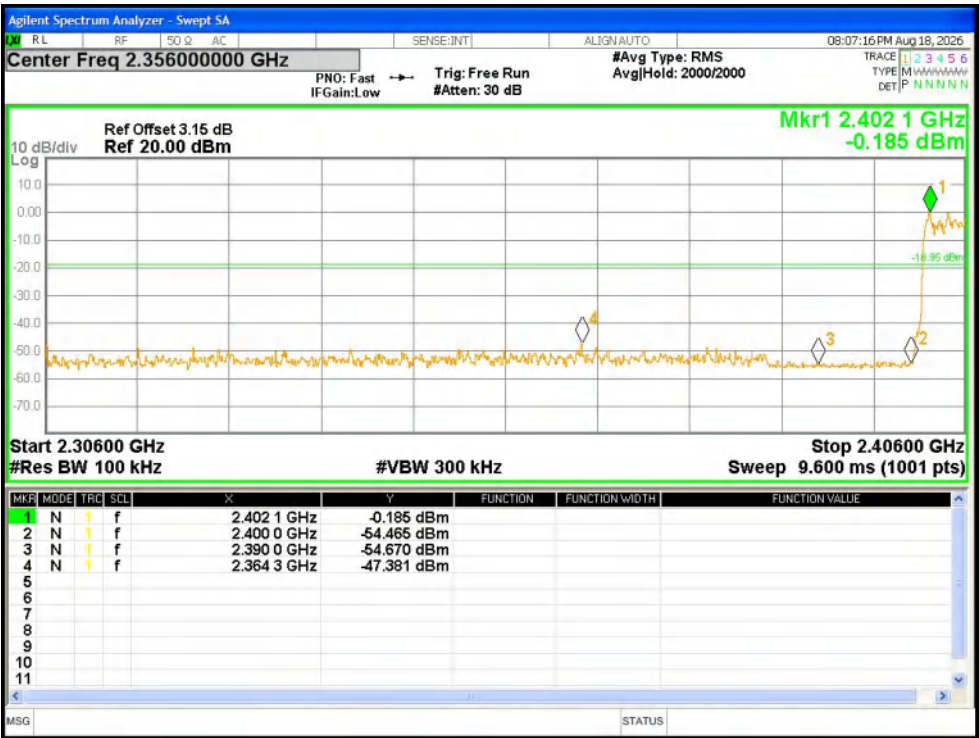
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



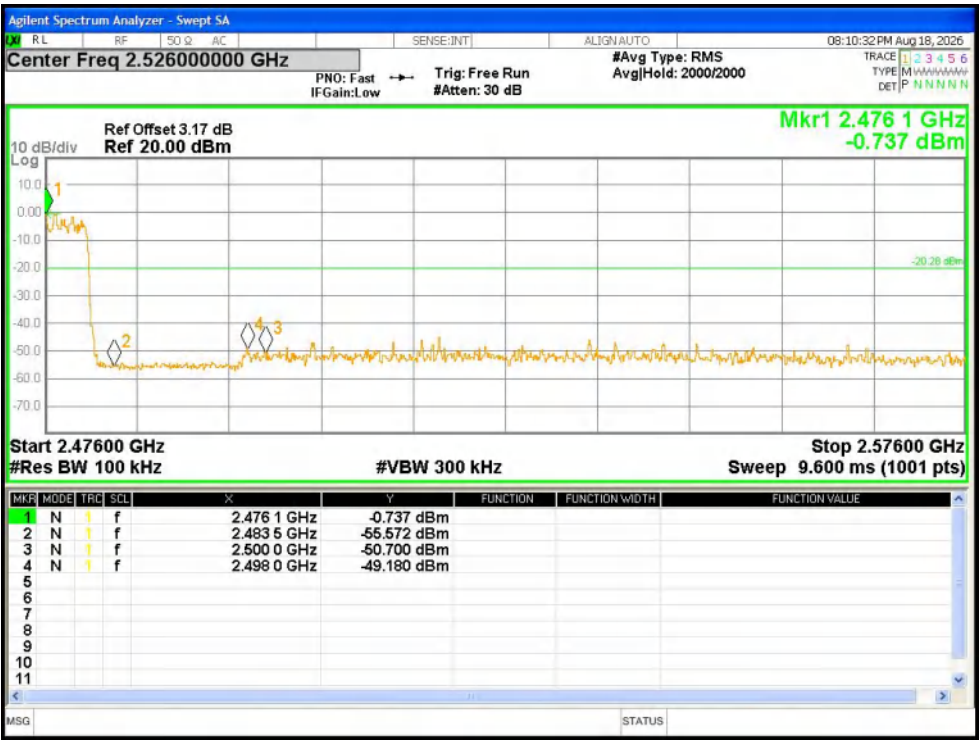
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



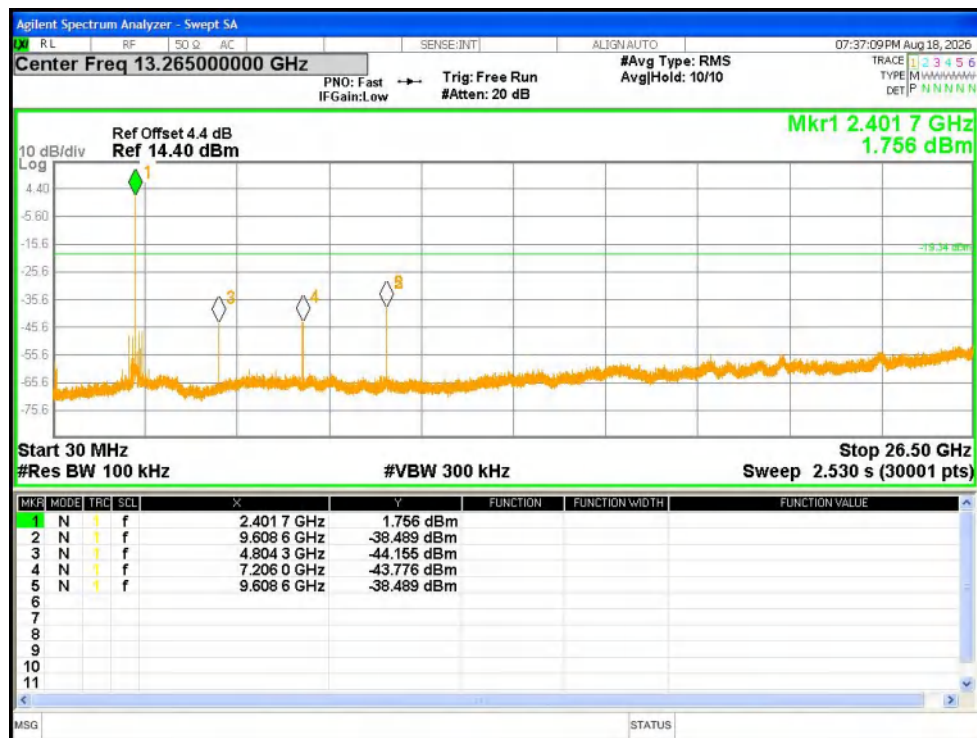
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

8. Conducted RF Spurious Emission

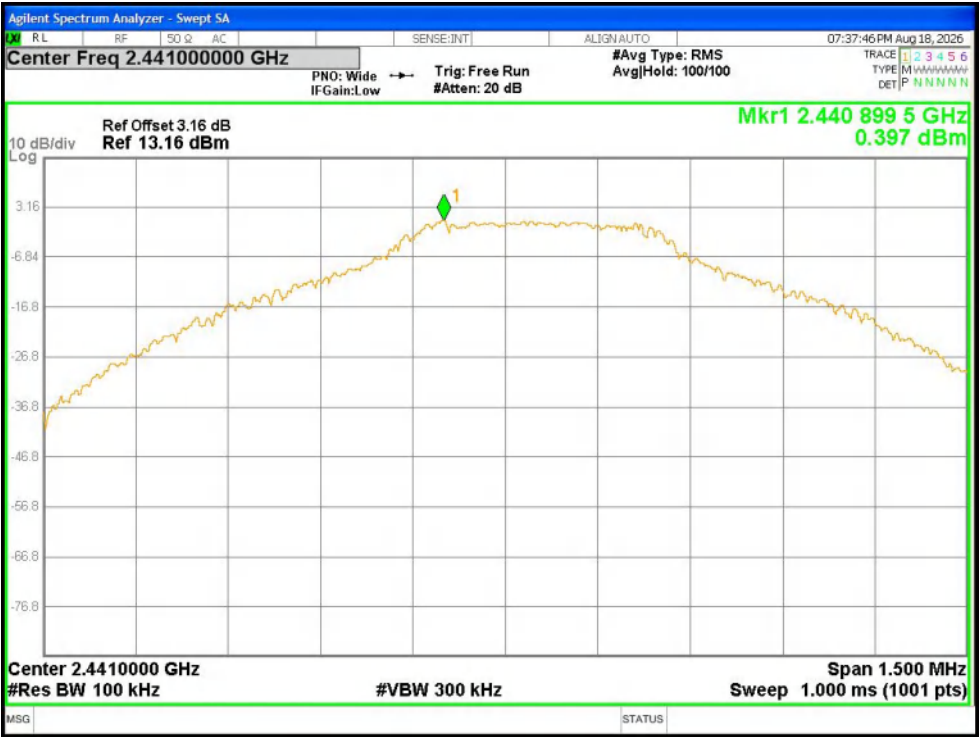
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-39.14	-20	Pass
NVNT	1-DH5	2441	Ant1	-38.72	-20	Pass
NVNT	1-DH5	2480	Ant1	-37.89	-20	Pass
NVNT	2-DH5	2402	Ant1	-39.23	-20	Pass
NVNT	2-DH5	2441	Ant1	-38.77	-20	Pass
NVNT	2-DH5	2480	Ant1	-38.04	-20	Pass
NVNT	3-DH5	2402	Ant1	-39.04	-20	Pass
NVNT	3-DH5	2441	Ant1	-38.63	-20	Pass
NVNT	3-DH5	2480	Ant1	-37.76	-20	Pass



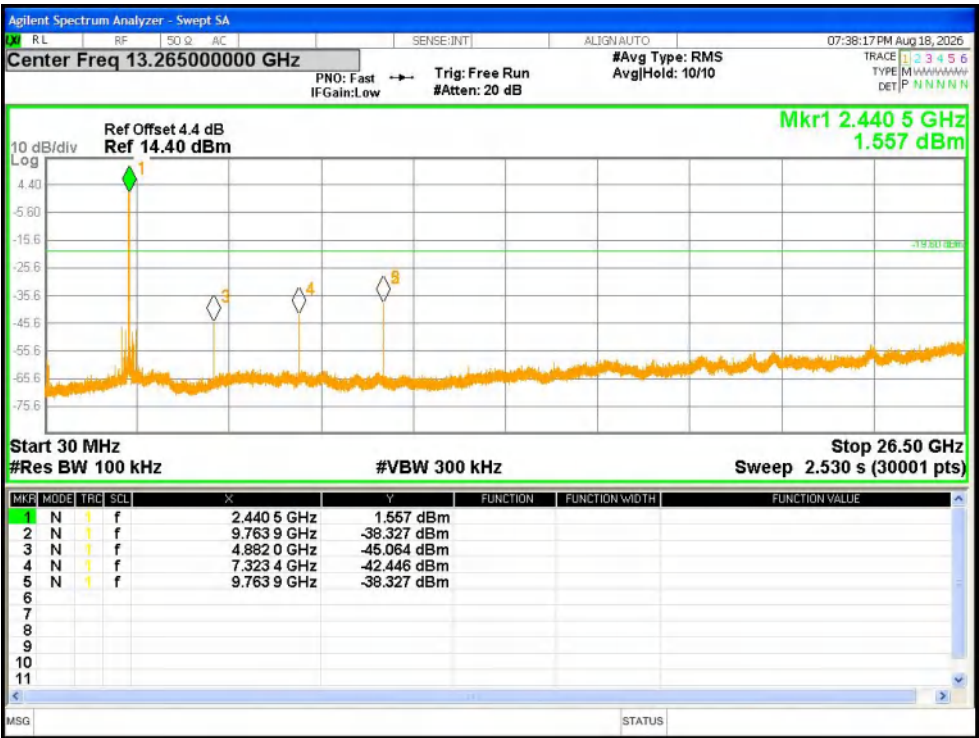
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



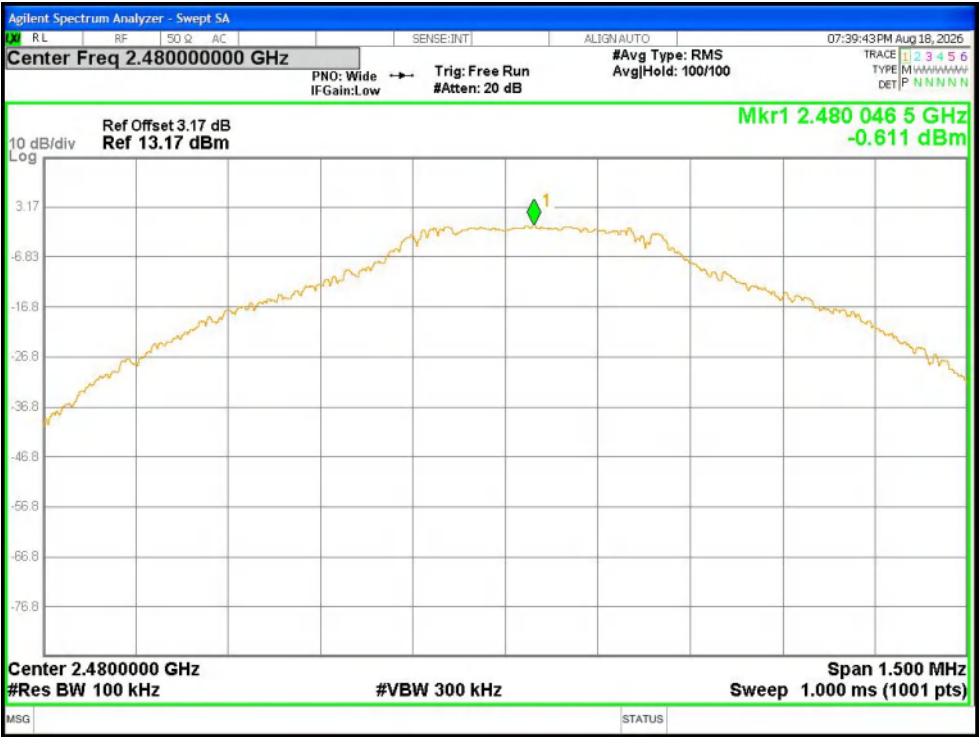
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



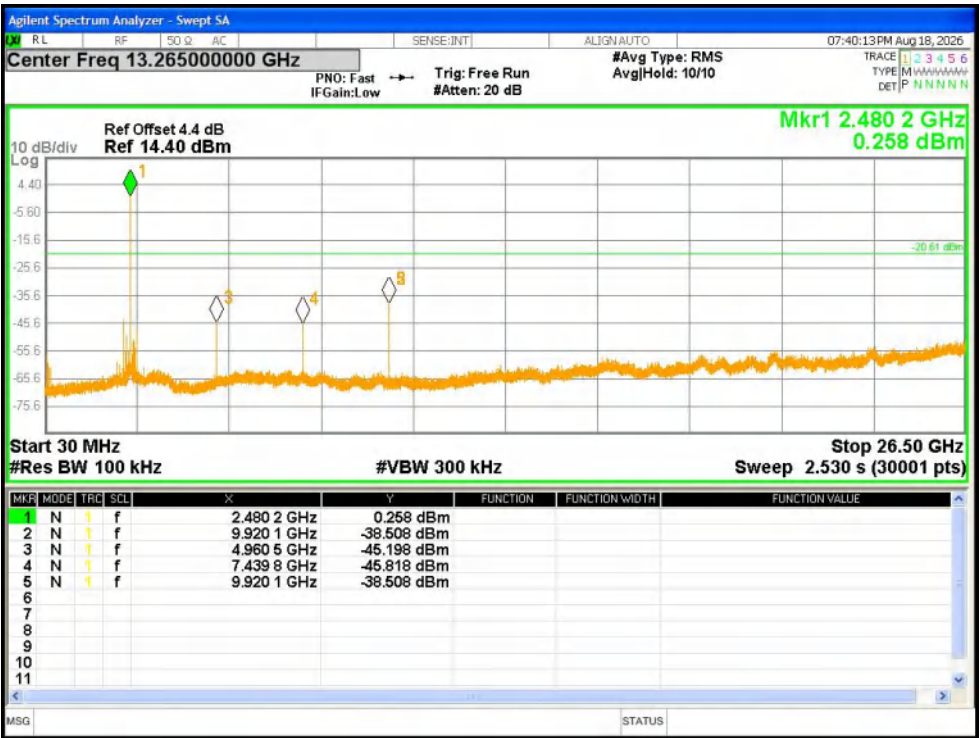
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



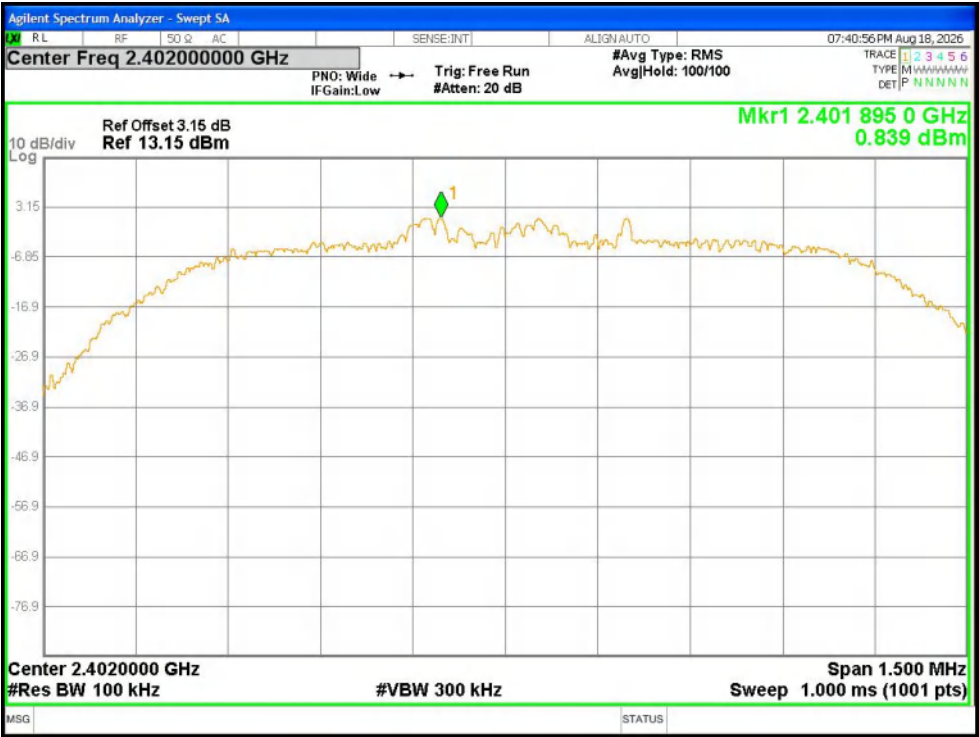
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



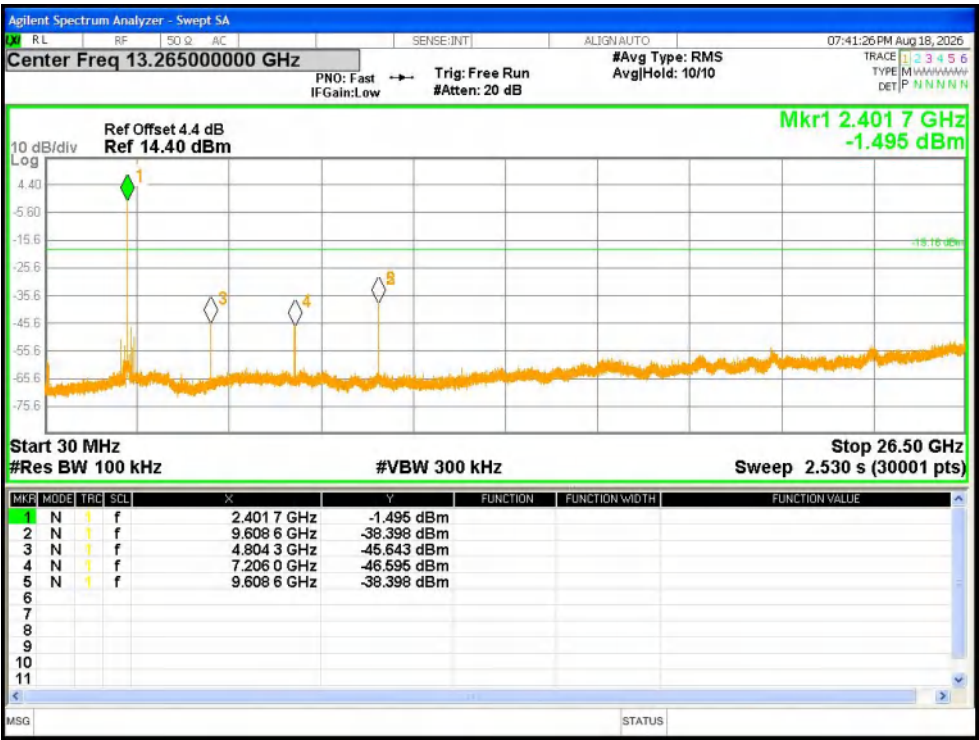
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



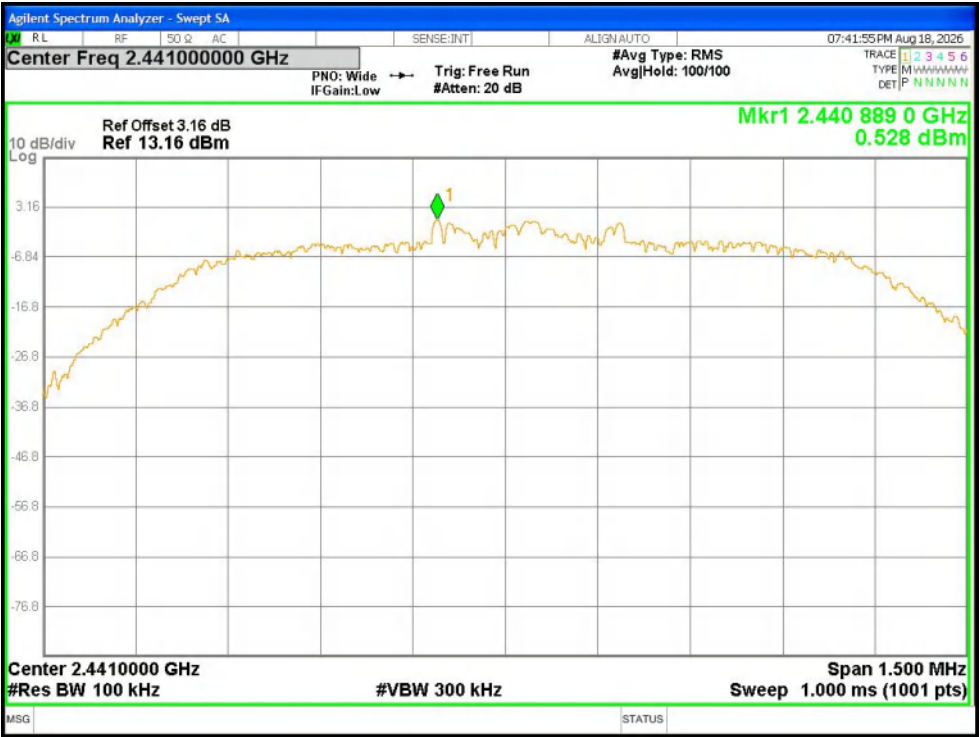
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



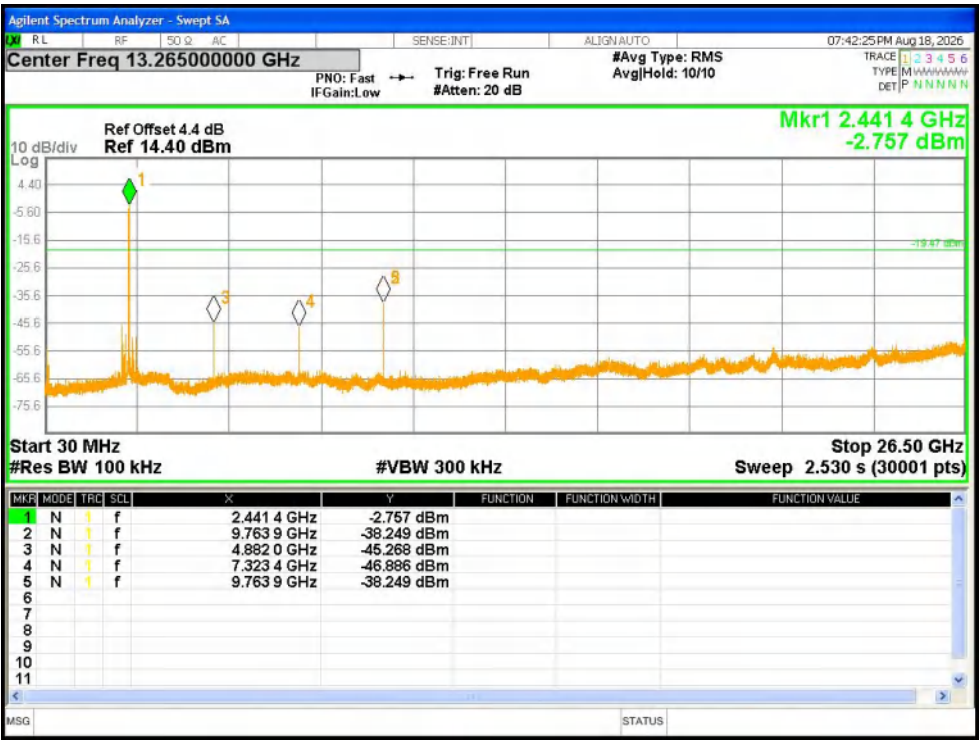
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



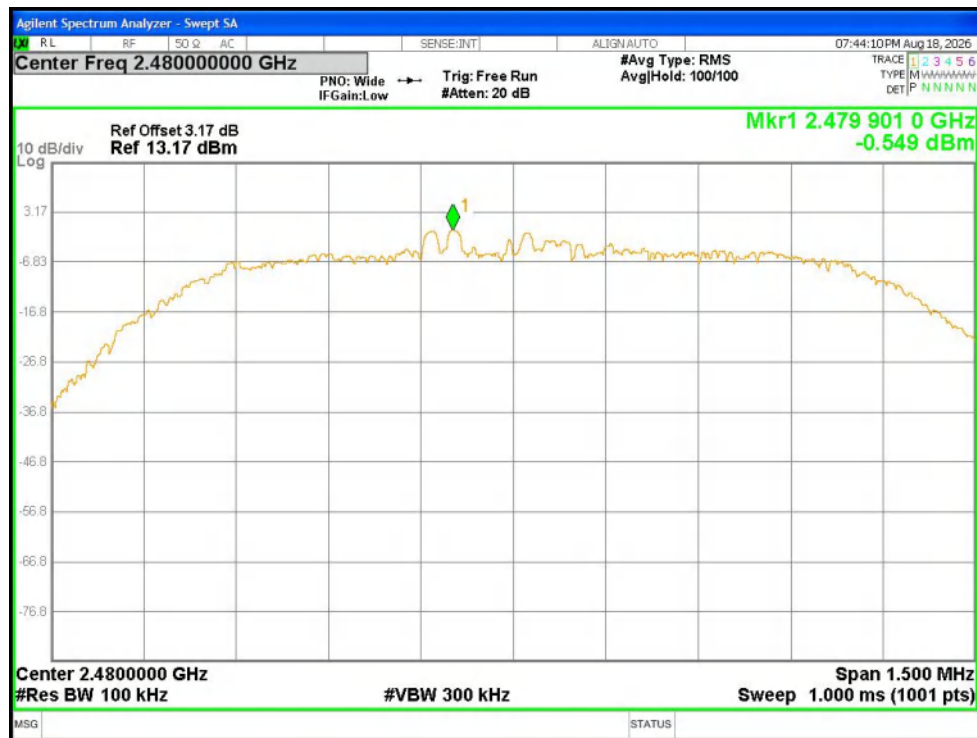
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



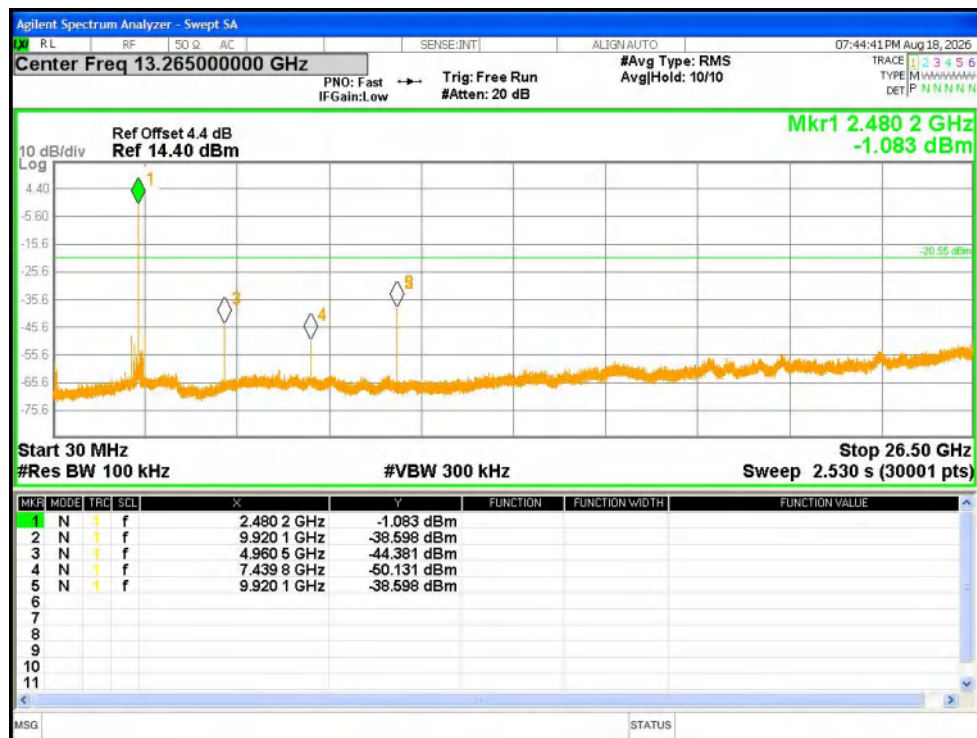
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



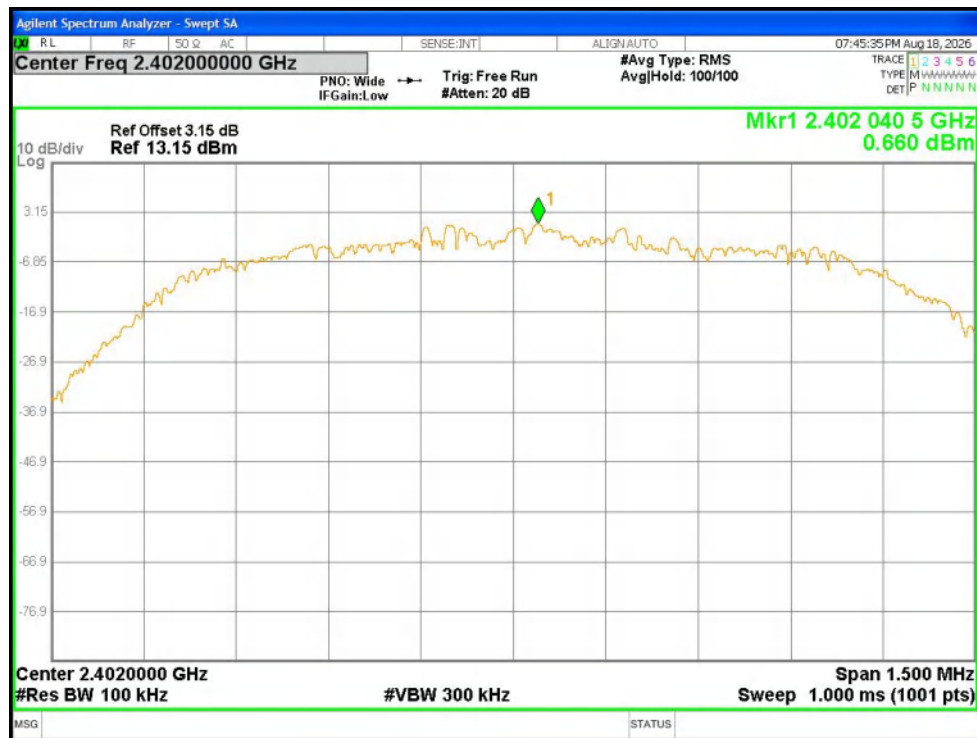
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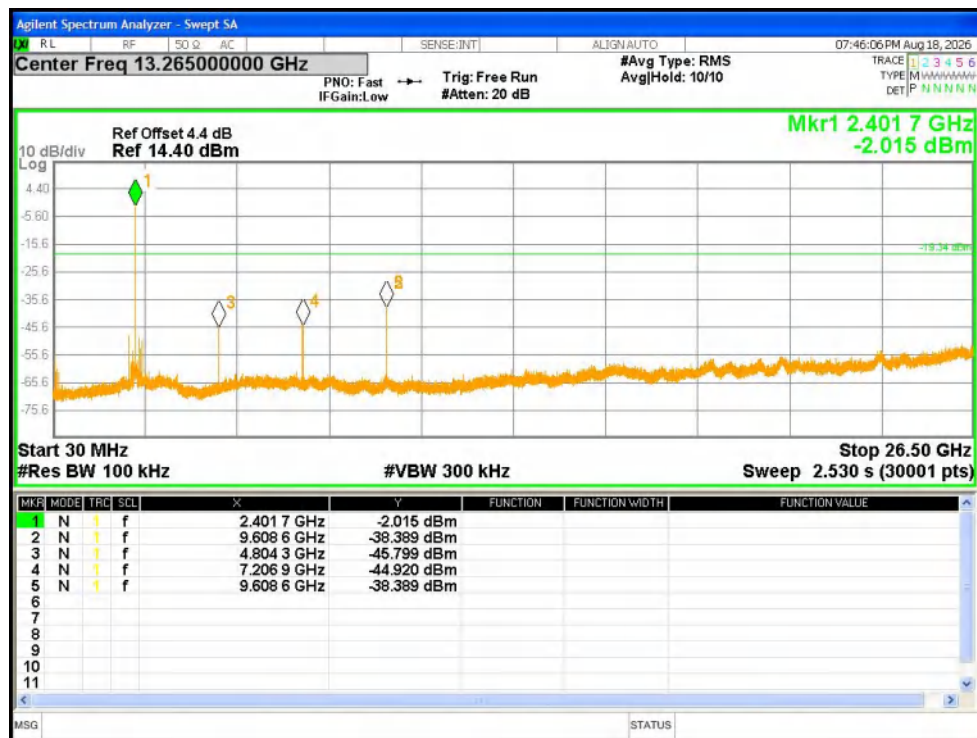
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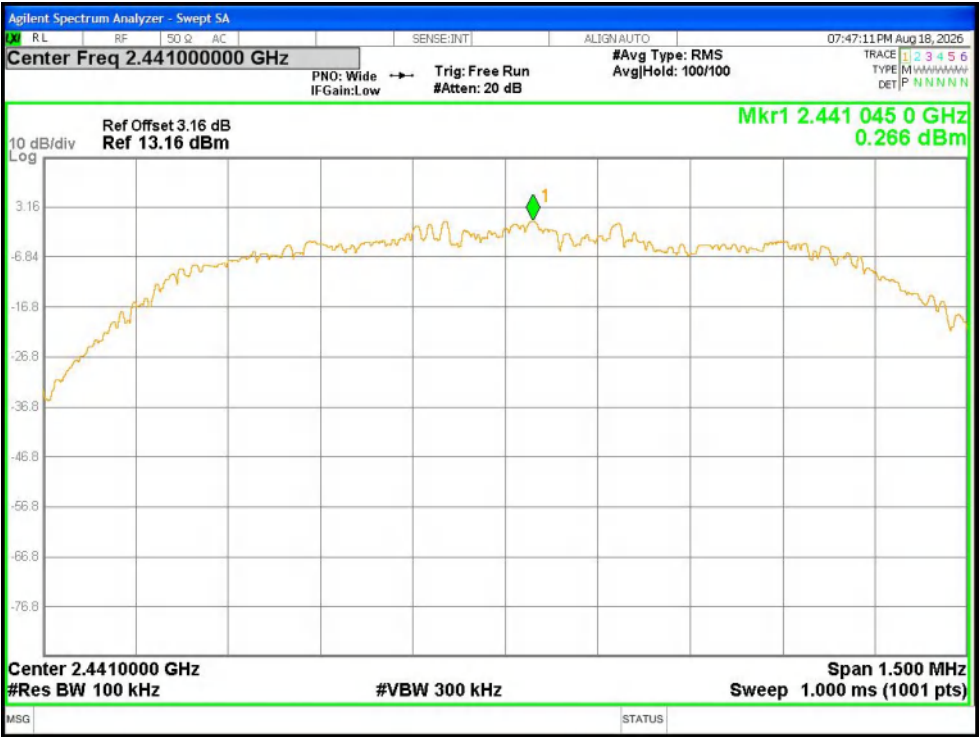
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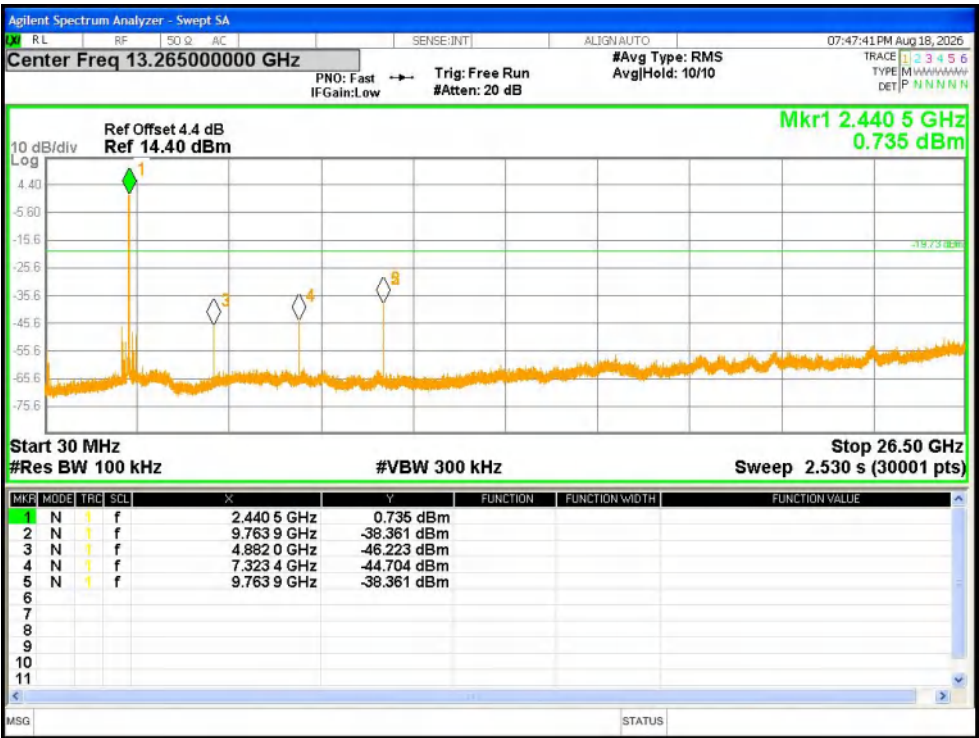
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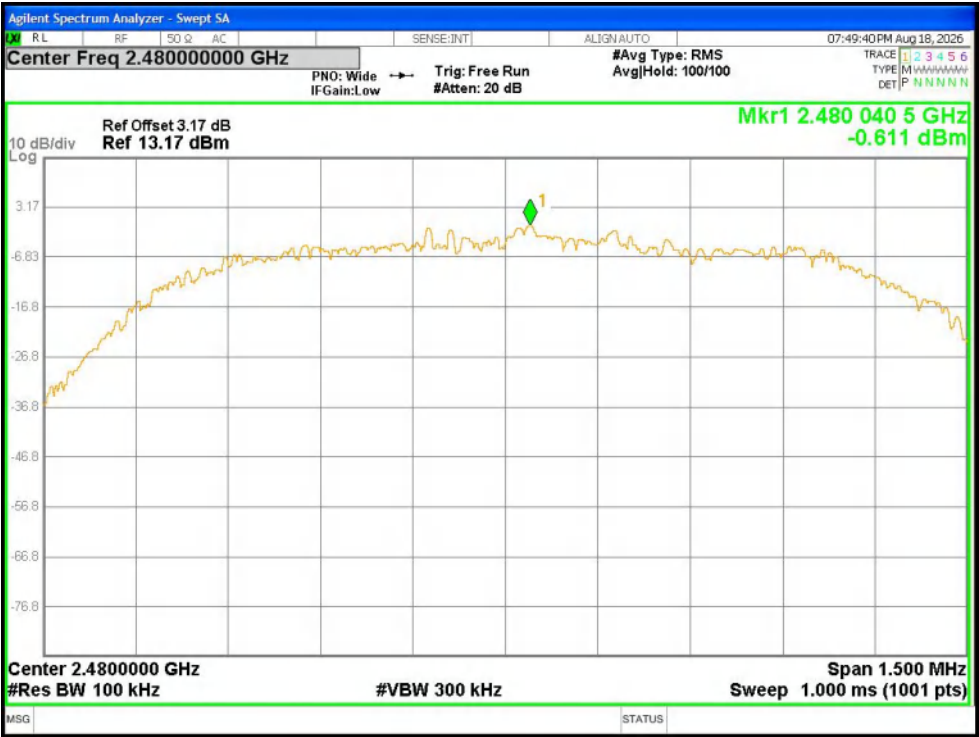
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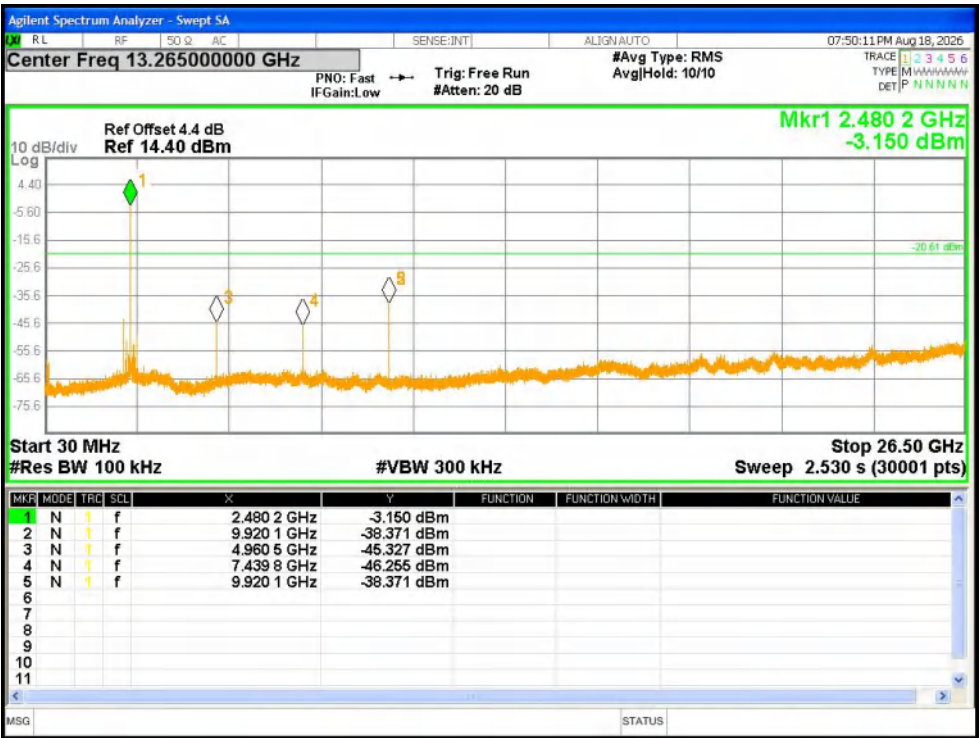
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission