

Table of Contents

1.Dwell Time	2
2.Maximum Peak Conducted Output Power	12
3.-20dB Bandwidth	13
4.Occupied Channel Bandwidth	19
5.Carrier Frequencies Separation	25
6.Number of Hopping Channel	31
7.Band Edge	33
8.Band Edge(Hopping)	40
9.Conducted RF Spurious Emission	47

FCC_BT(Part15.247) Test Data

1.Dwell Time

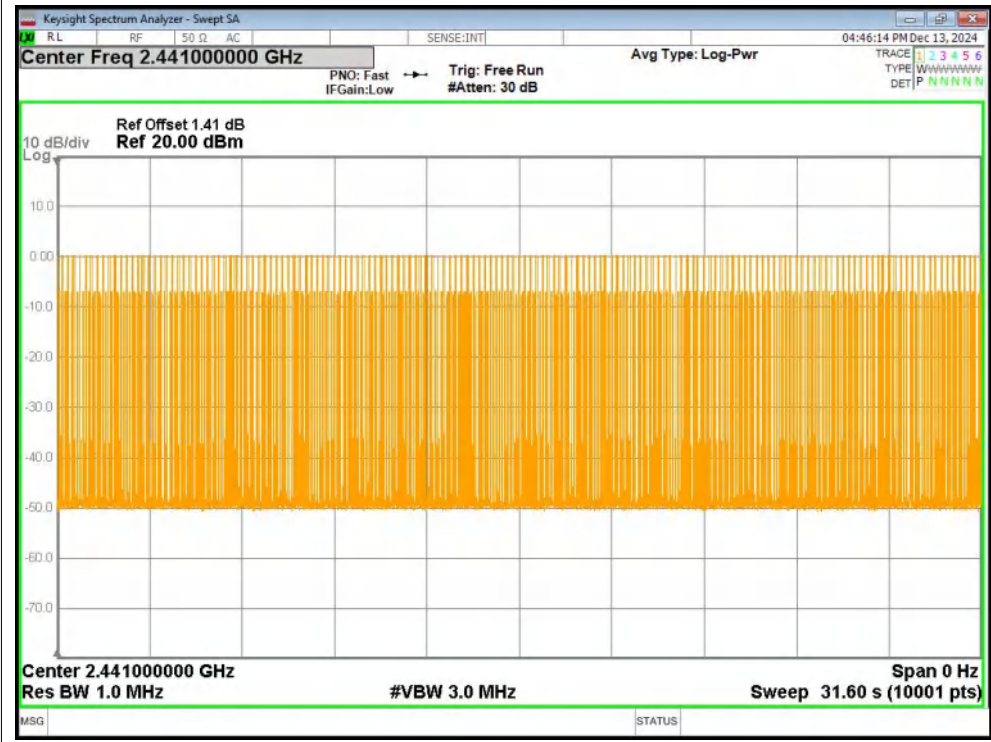
Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
1-DH1	2441	0.398	127.36	320	31600	400	Pass
1-DH3	2441	1.652	259.364	157	31600	400	Pass
1-DH5	2441	2.902	304.71	105	31600	400	Pass
2-DH1	2441	0.41	130.79	319	31600	400	Pass
2-DH3	2441	1.662	257.61	155	31600	400	Pass
2-DH5	2441	2.887	329.118	114	31600	400	Pass
3-DH1	2441	0.412	131.428	319	31600	400	Pass
3-DH3	2441	1.658	261.964	158	31600	400	Pass
3-DH5	2441	2.909	282.173	97	31600	400	Pass

Test Graphs

Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



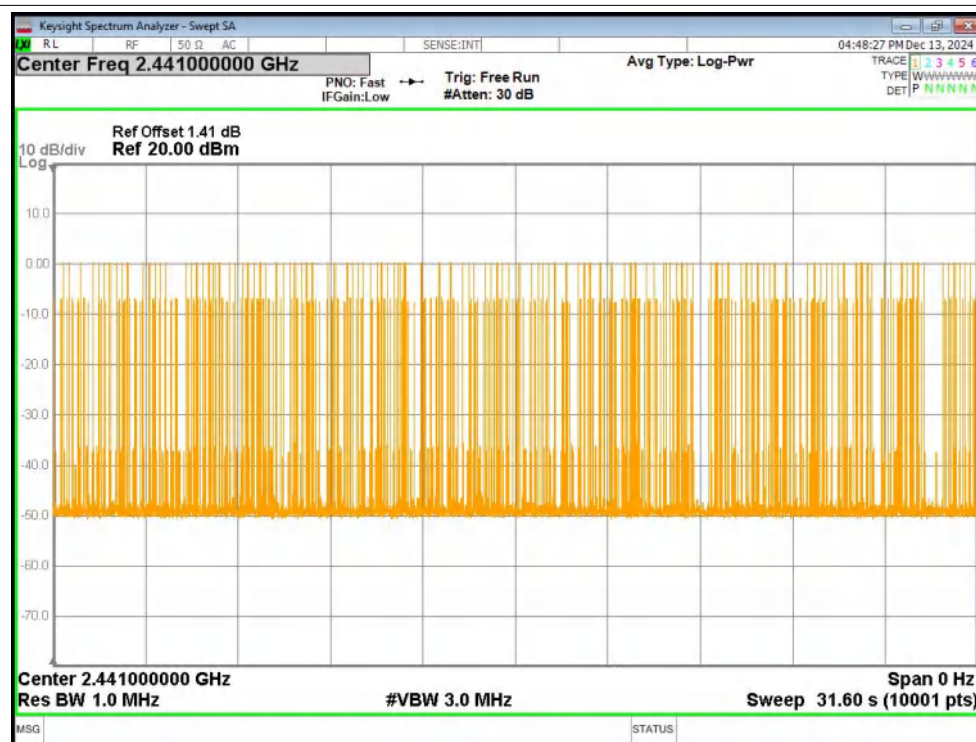
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



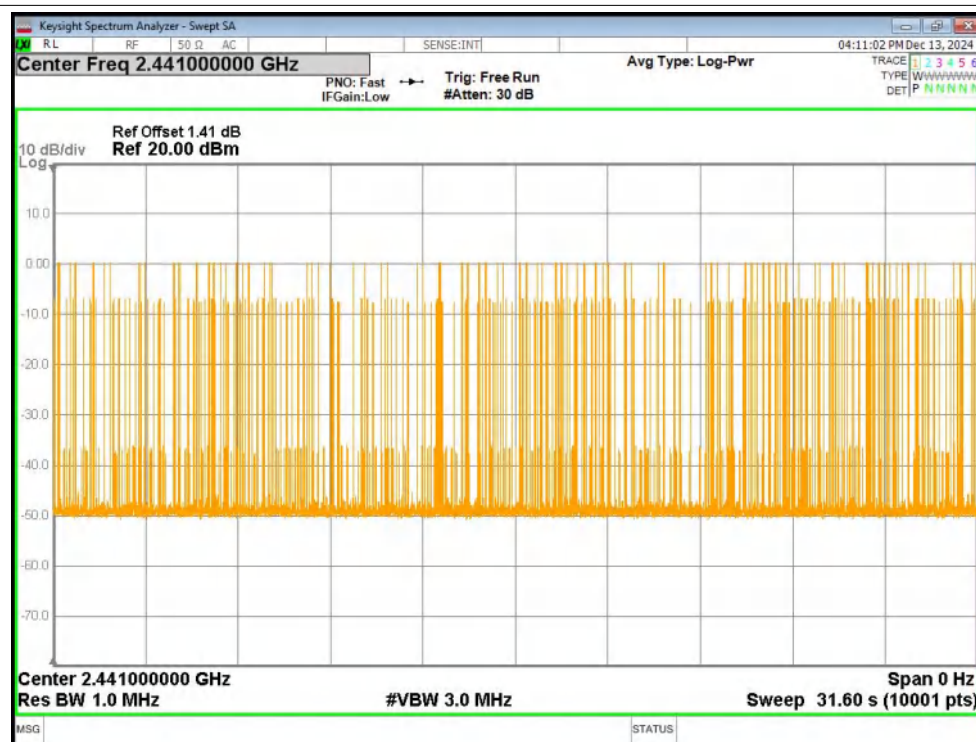
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



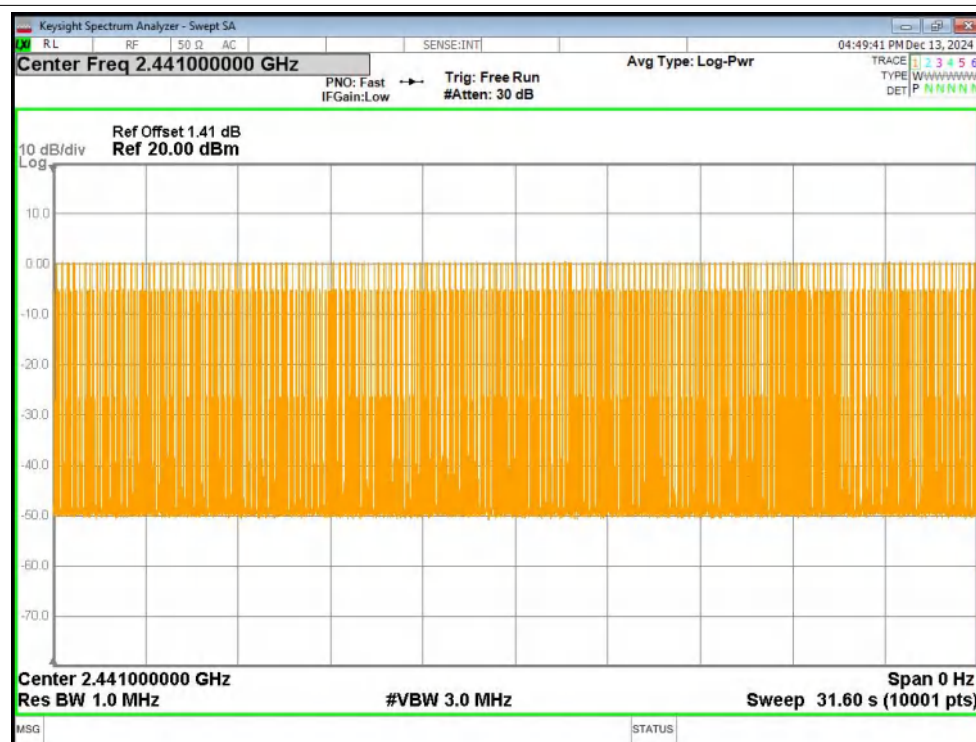
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



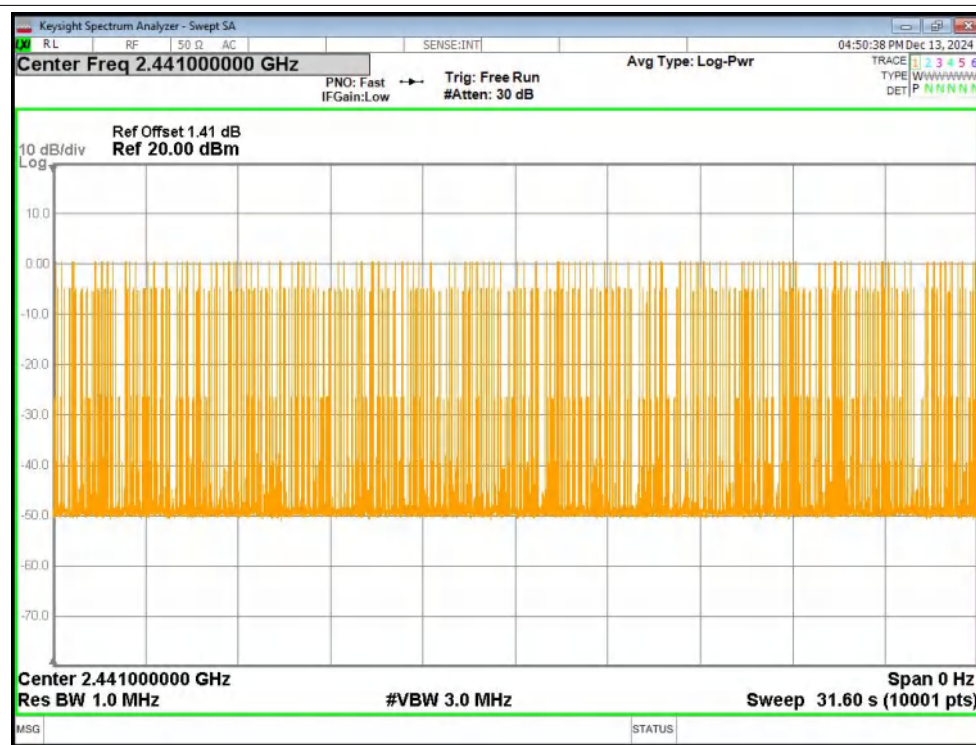
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



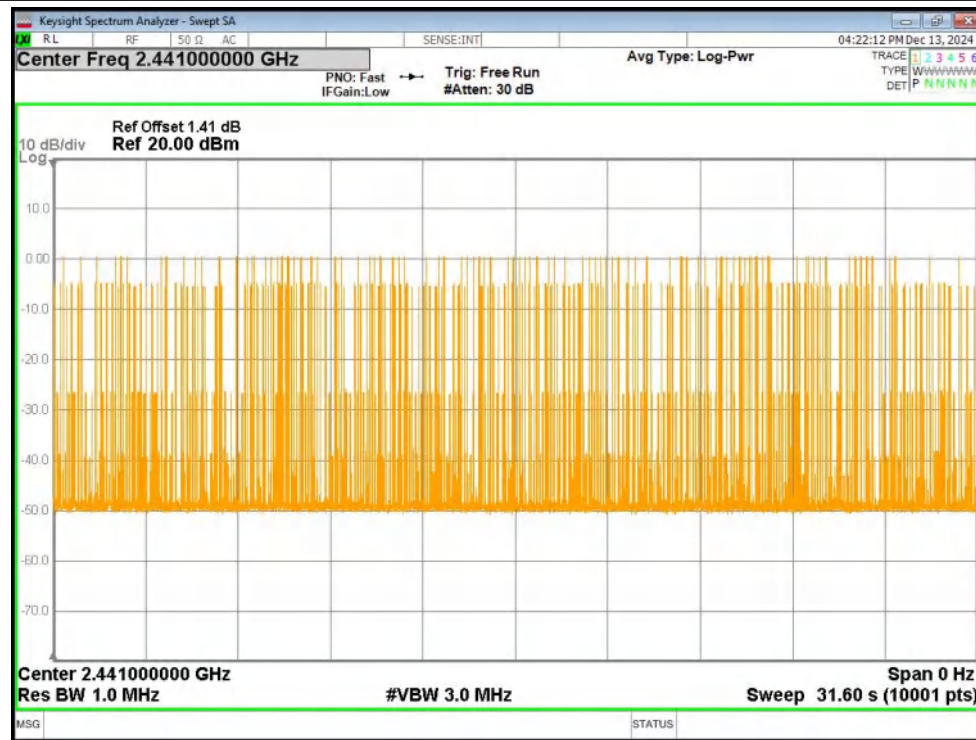
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



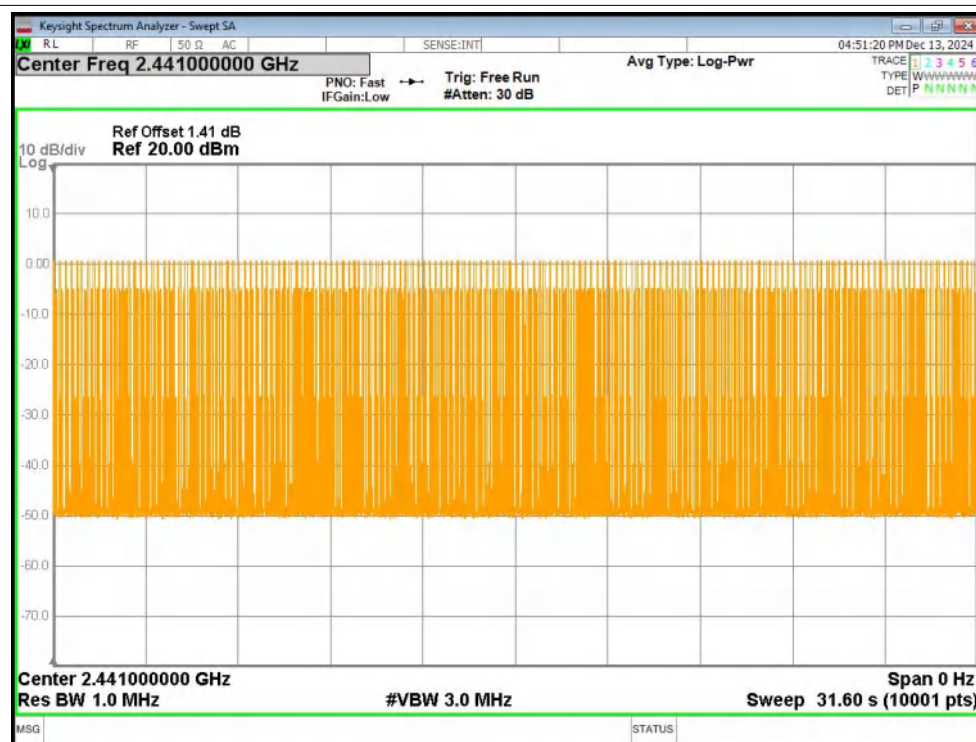
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



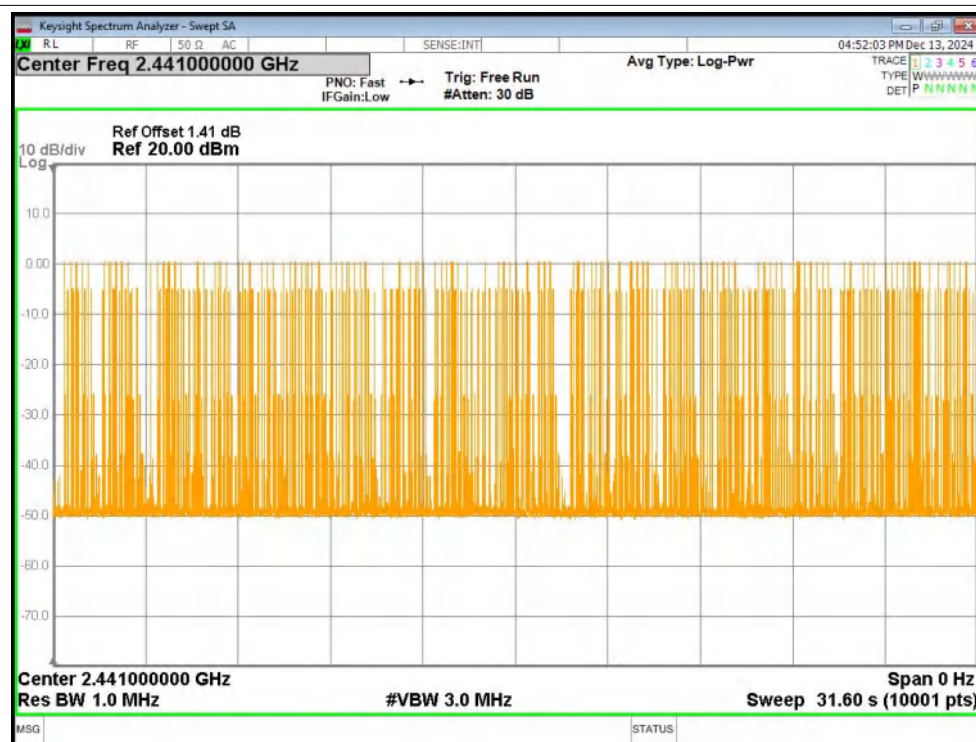
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



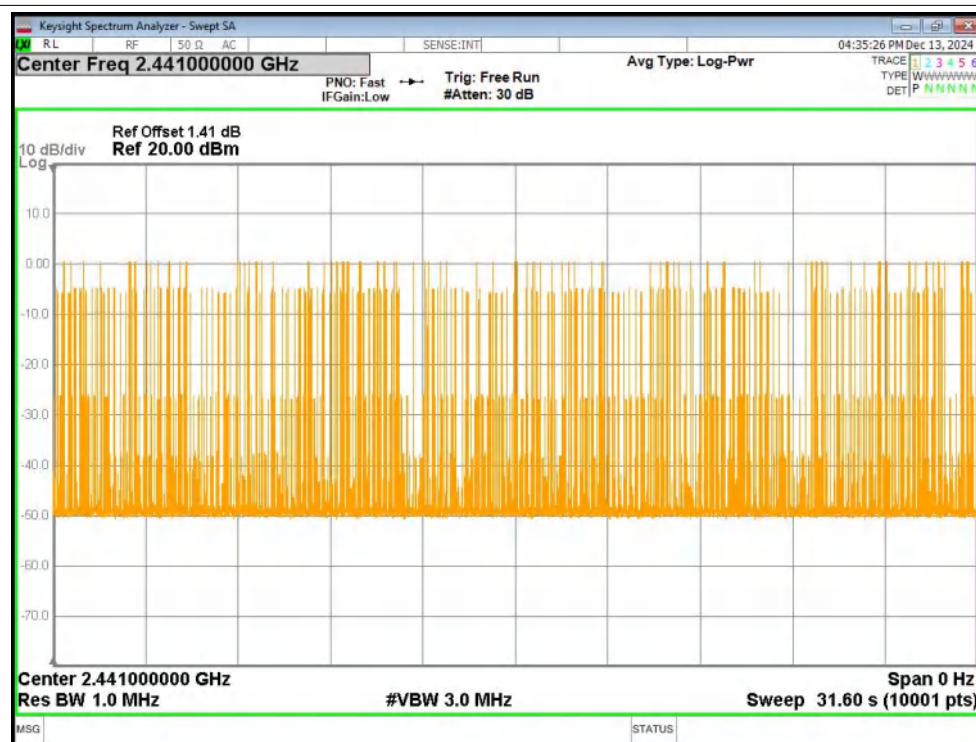
Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



2.Maximum Peak Conducted Output Power

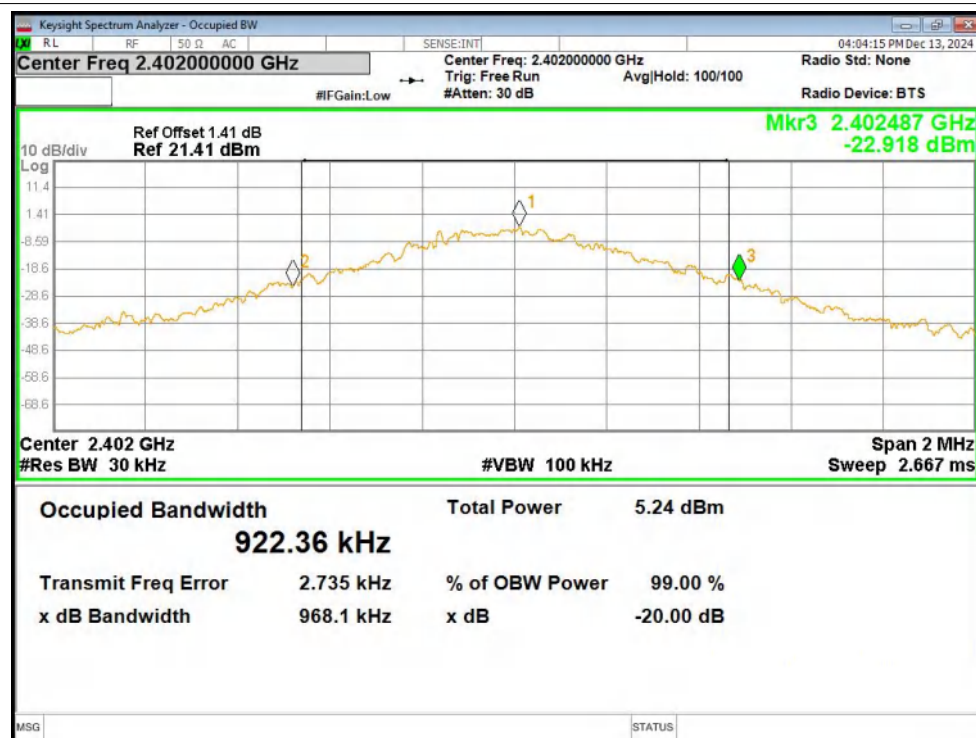
	Mode	Frequency (MHz)	Total Power (dBm)	Limit (dBm)	Verdict
Right earphone	1-DH5	2402	-0.93	30	Pass
	1-DH5	2441	0.36	30	Pass
	1-DH5	2480	-0.1	30	Pass
	2-DH5	2402	-0.7	21	Pass
	2-DH5	2441	0.73	21	Pass
	2-DH5	2480	0.3	21	Pass
	3-DH5	2402	-0.68	21	Pass
	3-DH5	2441	0.76	21	Pass
	3-DH5	2480	0.39	21	Pass
Left earphone	1-DH5	2402	-0.97	30	Pass
	1-DH5	2441	0.33	30	Pass
	1-DH5	2480	-0.12	30	Pass
	2-DH5	2402	-0.78	21	Pass
	2-DH5	2441	0.68	21	Pass
	2-DH5	2480	0.28	21	Pass
	3-DH5	2402	-0.69	21	Pass
	3-DH5	2441	0.74	21	Pass
	3-DH5	2480	0.36	21	Pass

3.-20dB Bandwidth

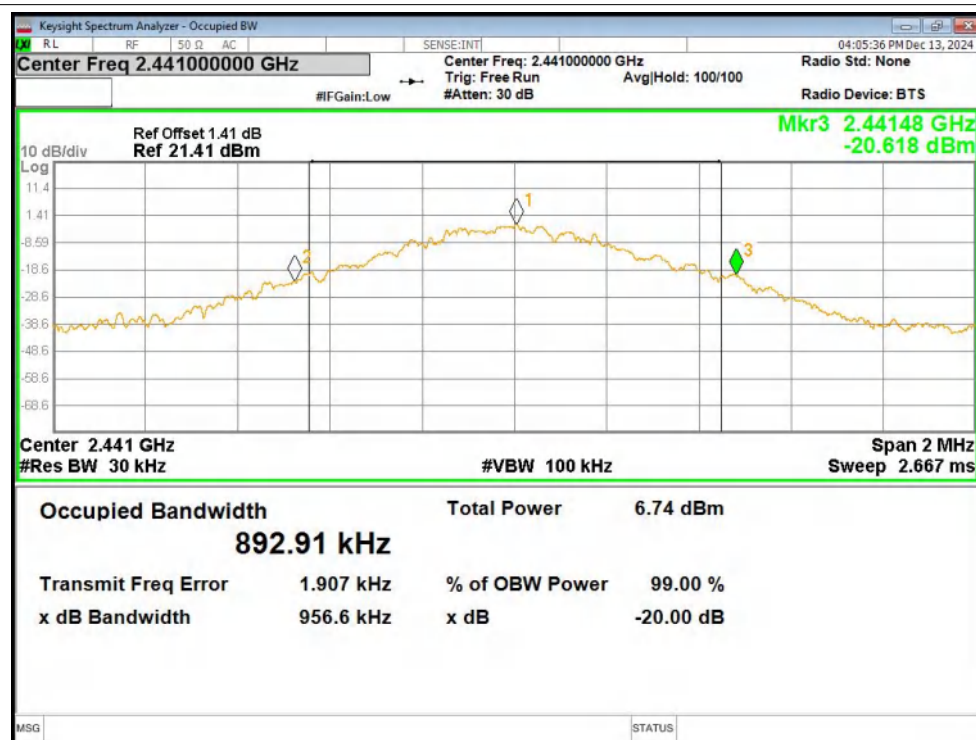
Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
1-DH5	2402	0.968	Pass
1-DH5	2441	0.957	Pass
1-DH5	2480	0.961	Pass
2-DH5	2402	1.344	Pass
2-DH5	2441	1.332	Pass
2-DH5	2480	1.267	Pass
3-DH5	2402	1.311	Pass
3-DH5	2441	1.284	Pass
3-DH5	2480	1.283	Pass

Test Graphs

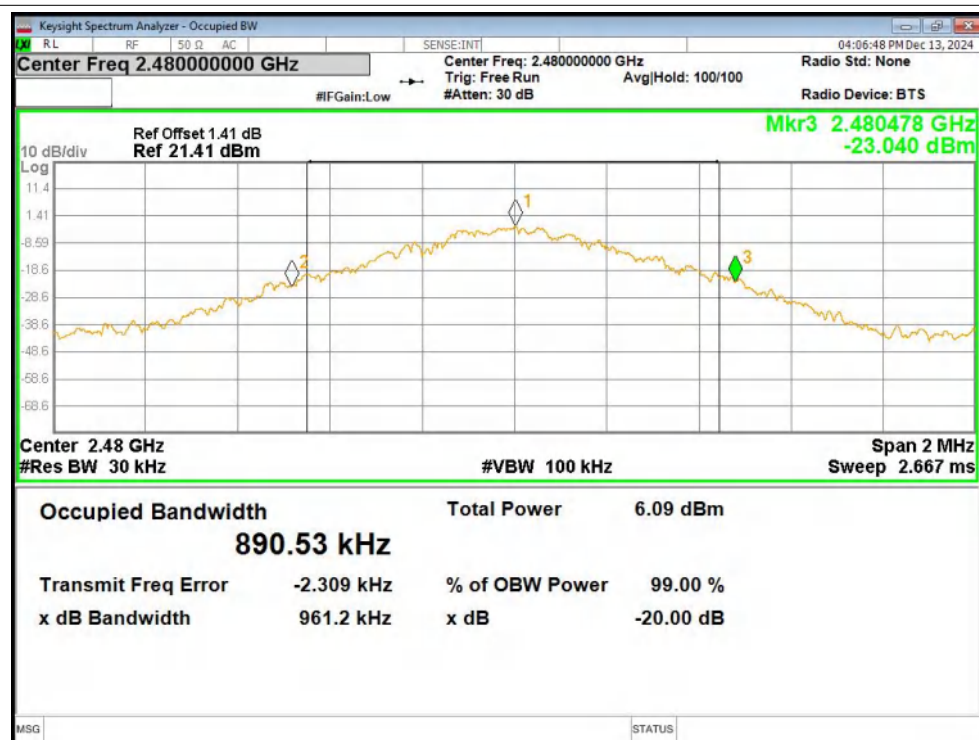
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



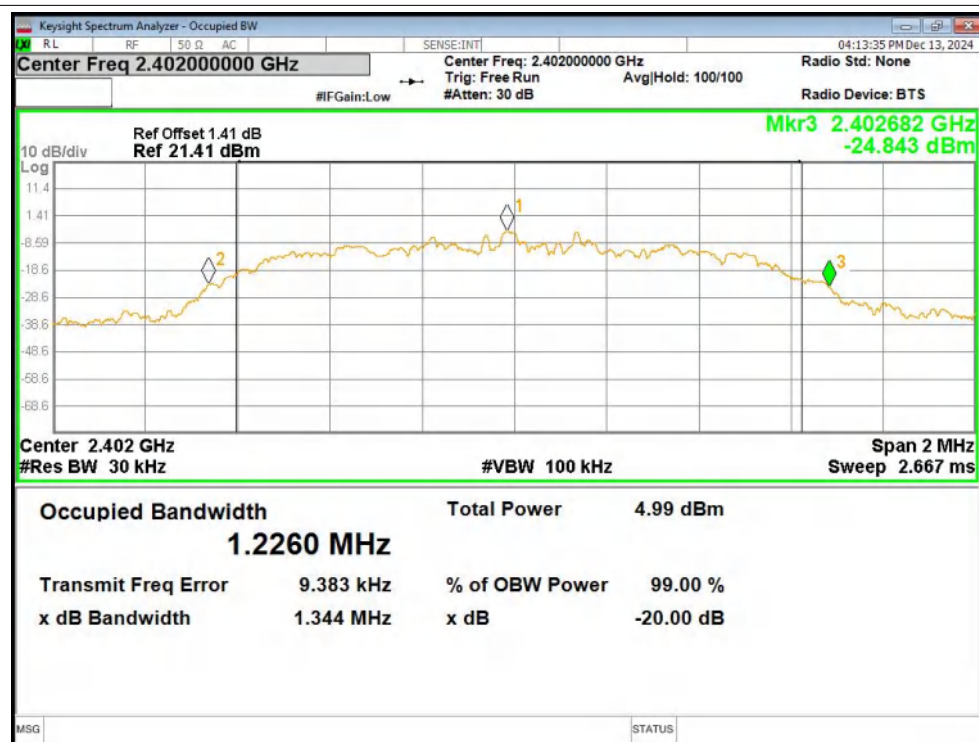
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



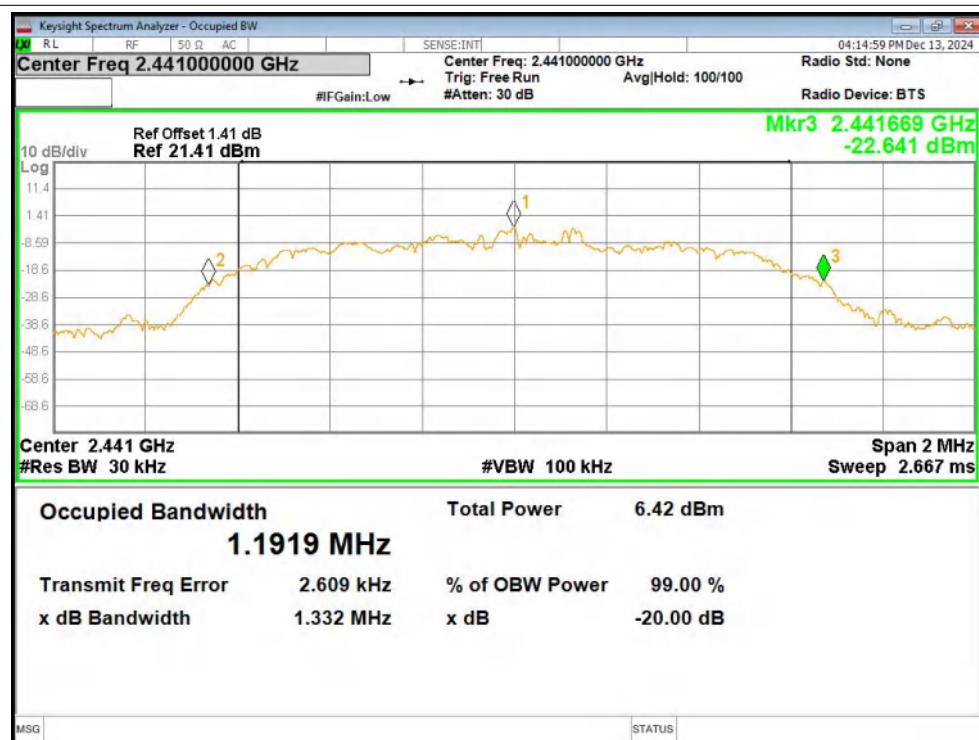
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



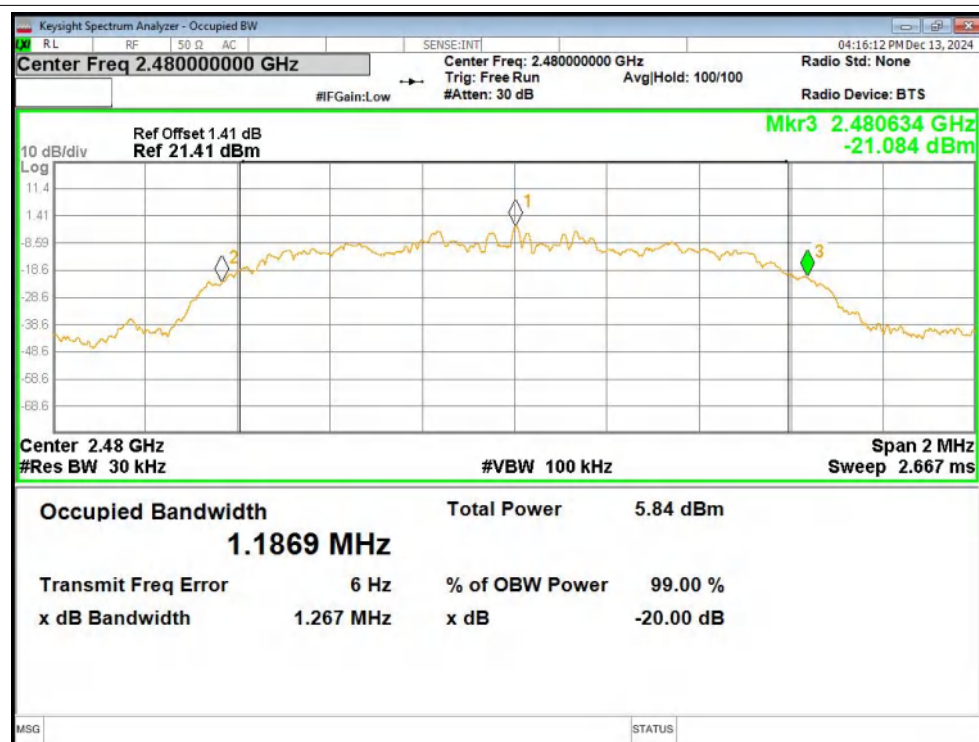
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



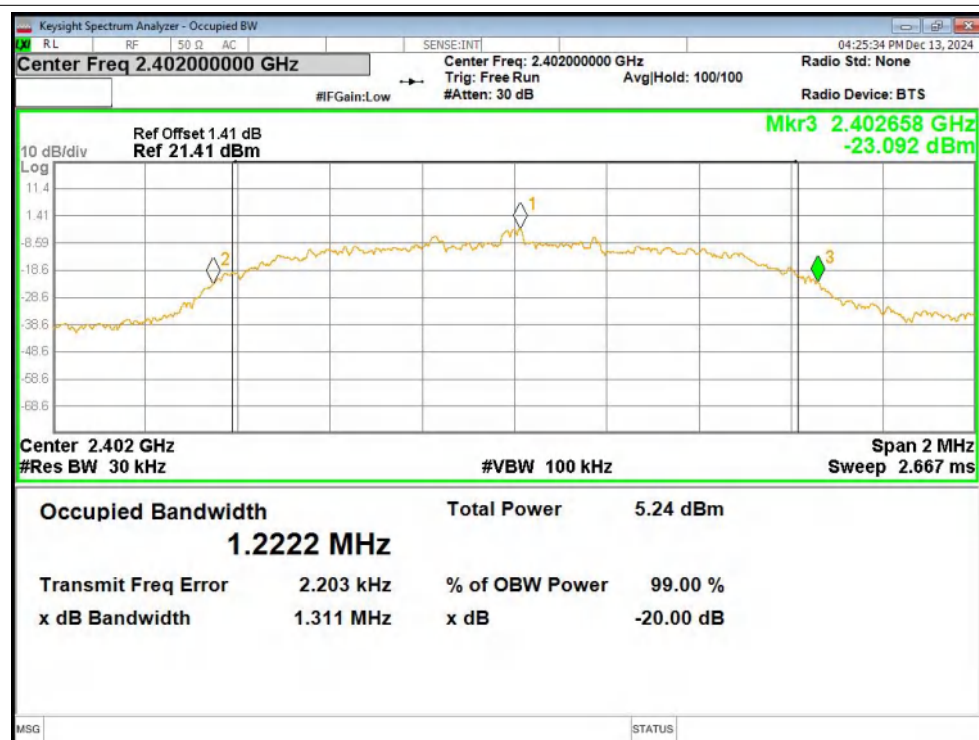
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



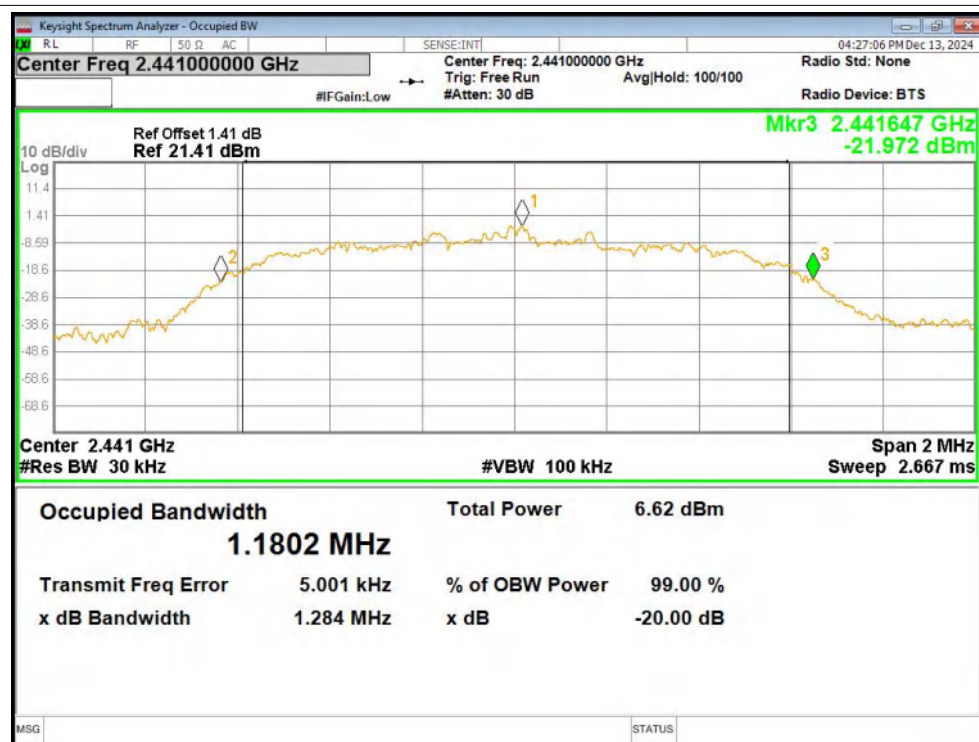
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



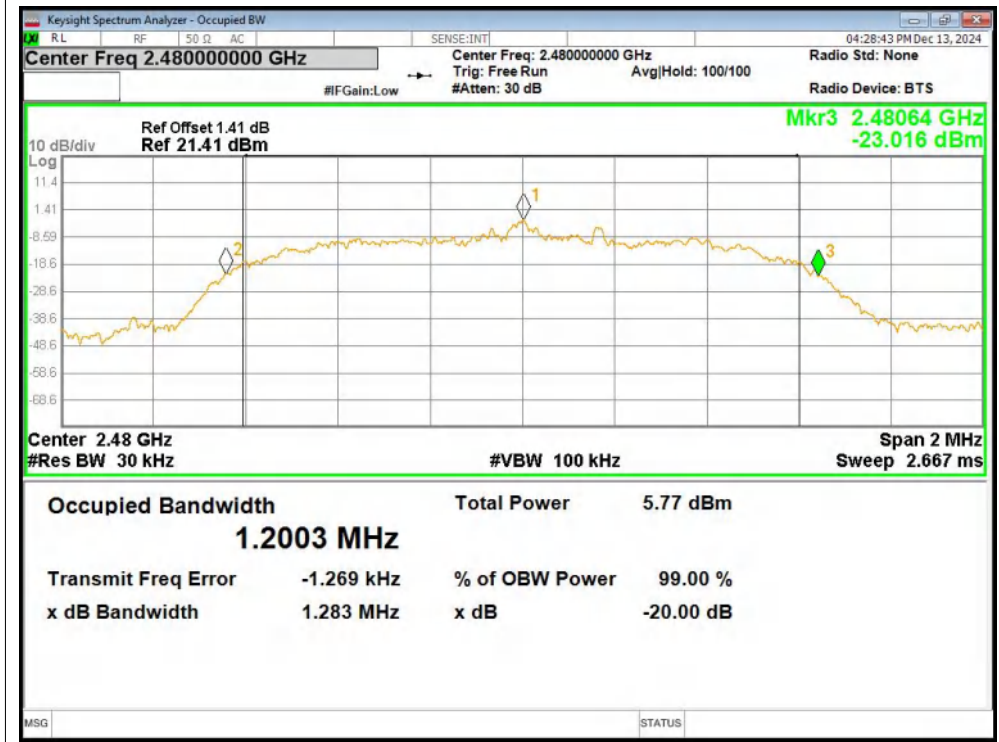
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

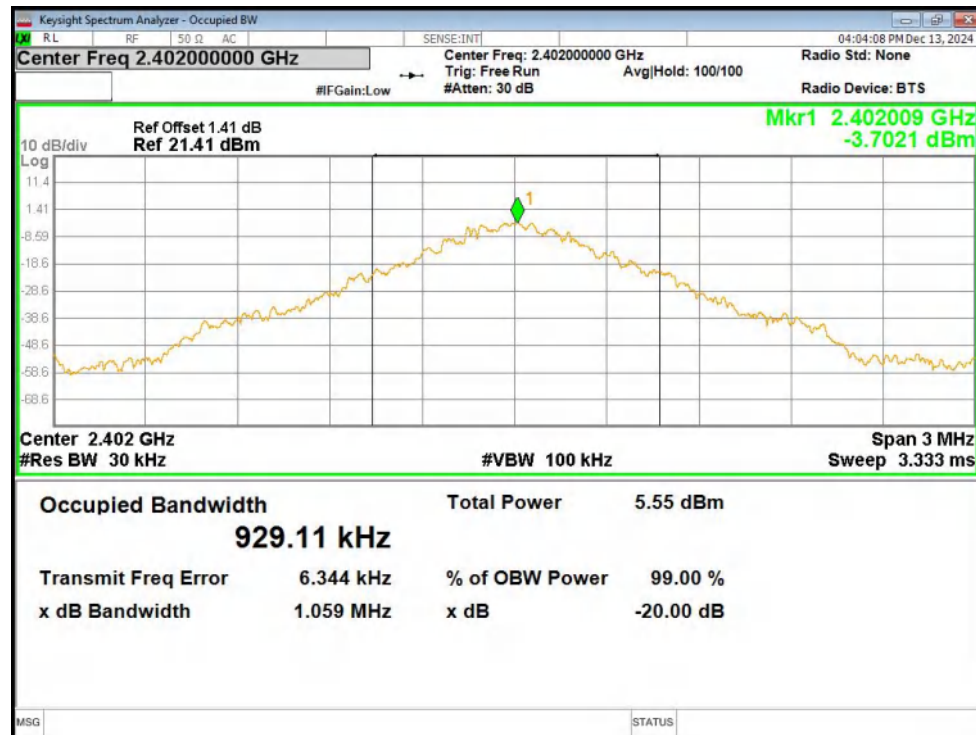


4.Occupied Channel Bandwidth

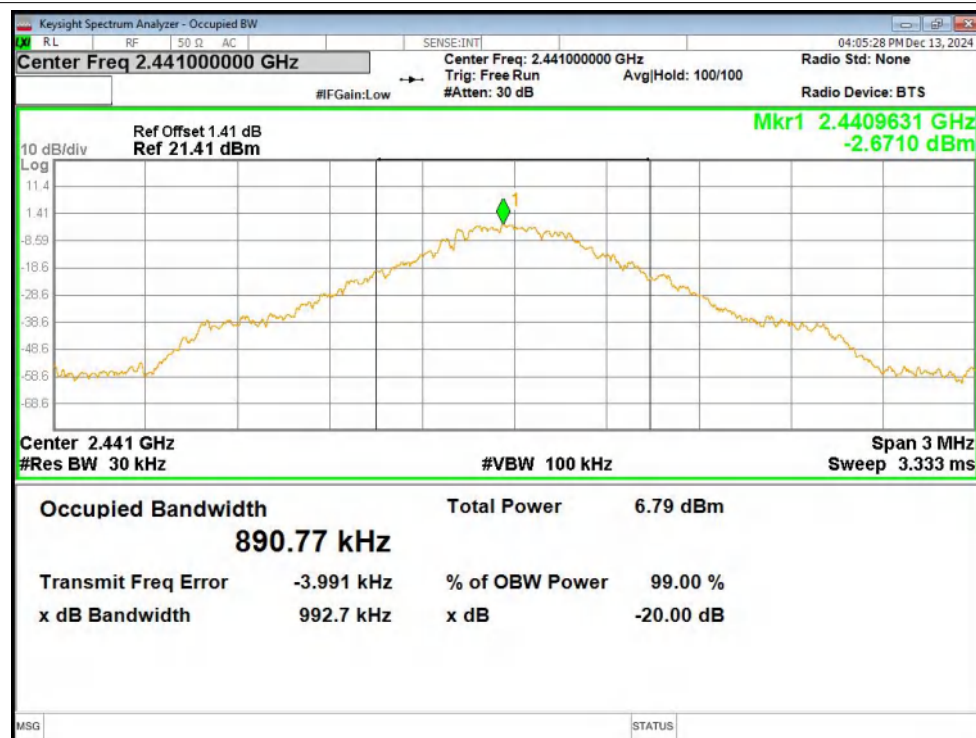
Mode	Frequency (MHz)	99% OBW (MHz)
1-DH5	2402	0.929
1-DH5	2441	0.891
1-DH5	2480	0.9
2-DH5	2402	1.259
2-DH5	2441	1.206
2-DH5	2480	1.195
3-DH5	2402	1.244
3-DH5	2441	1.205
3-DH5	2480	1.189

Test Graphs

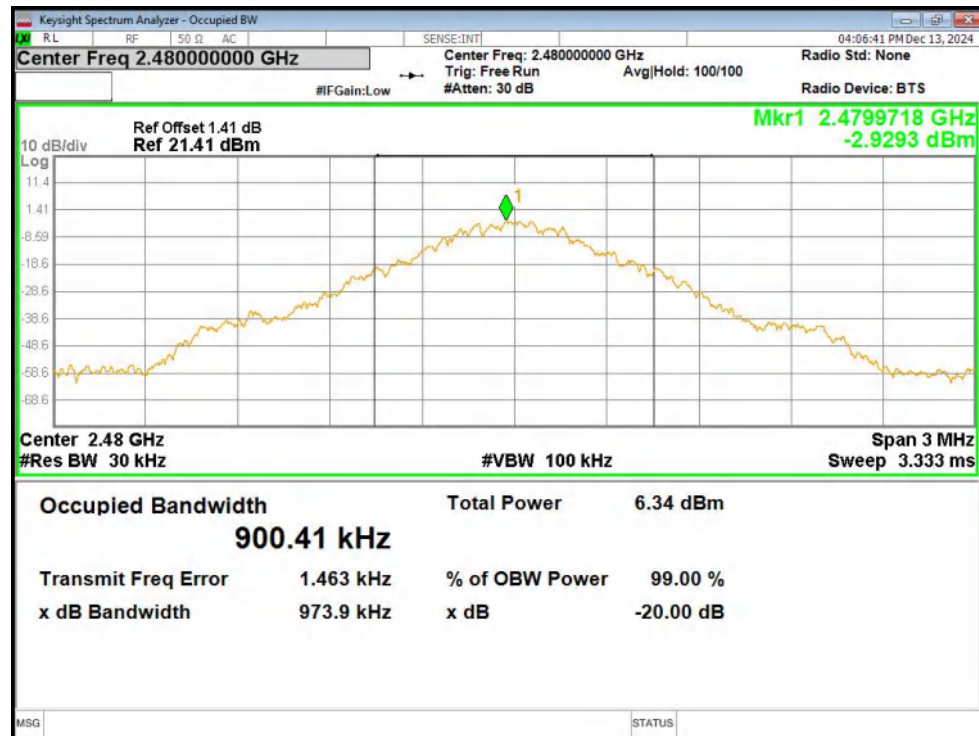
OBW NVNT 1-DH5 2402MHz Ant1



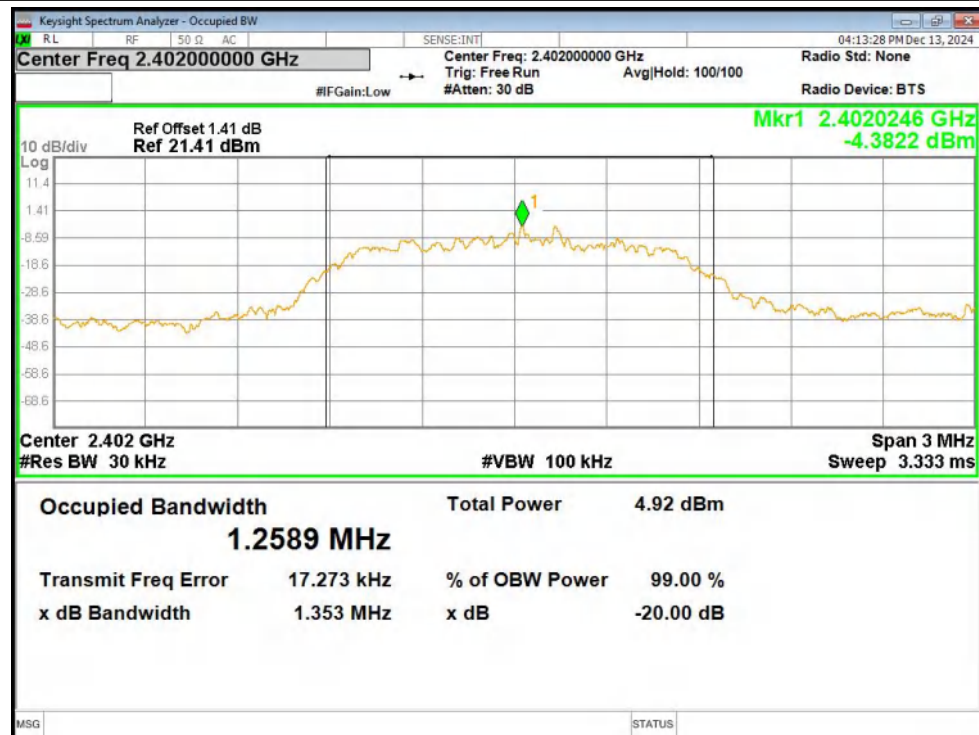
OBW NVNT 1-DH5 2441MHz Ant1



OBW NVNT 1-DH5 2480MHz Ant1



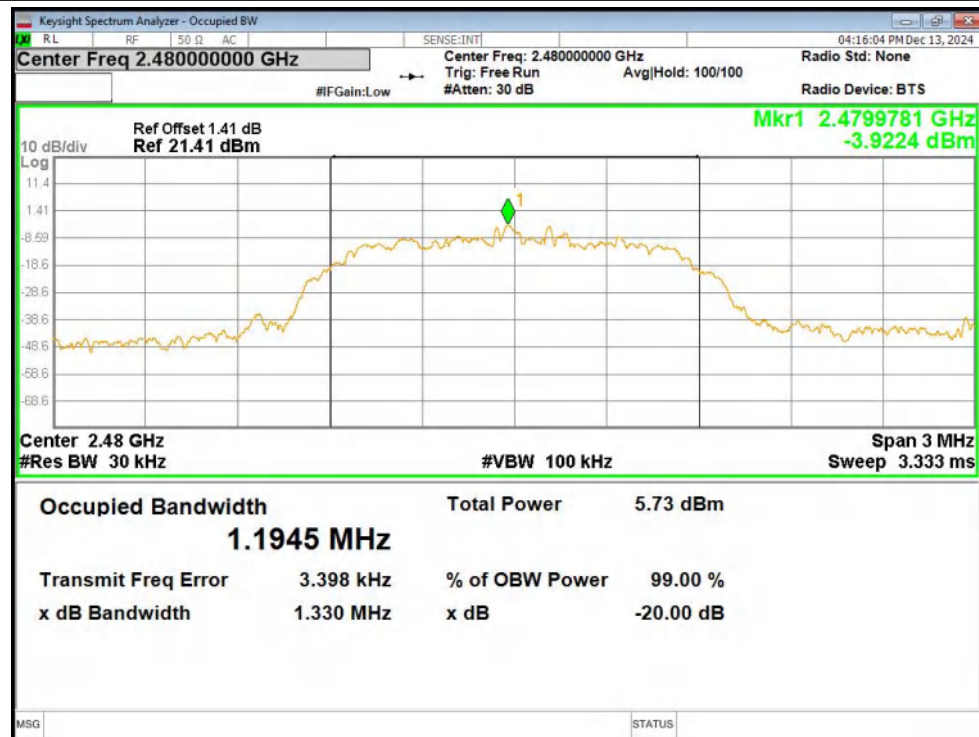
OBW NVNT 2-DH5 2402MHz Ant1



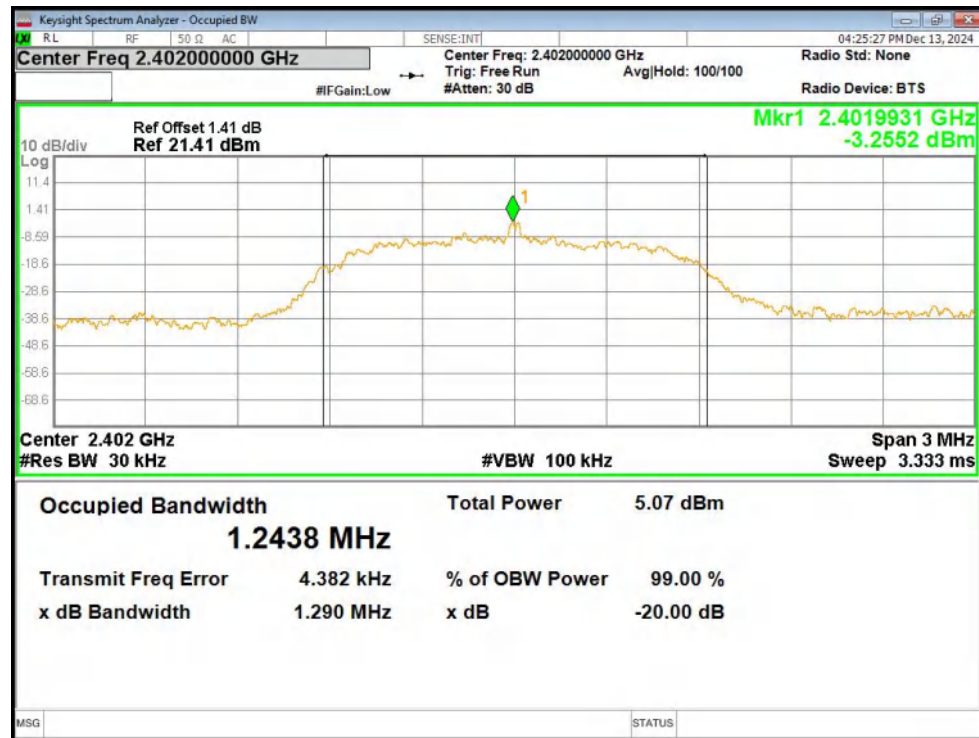
OBW NVNT 2-DH5 2441MHz Ant1



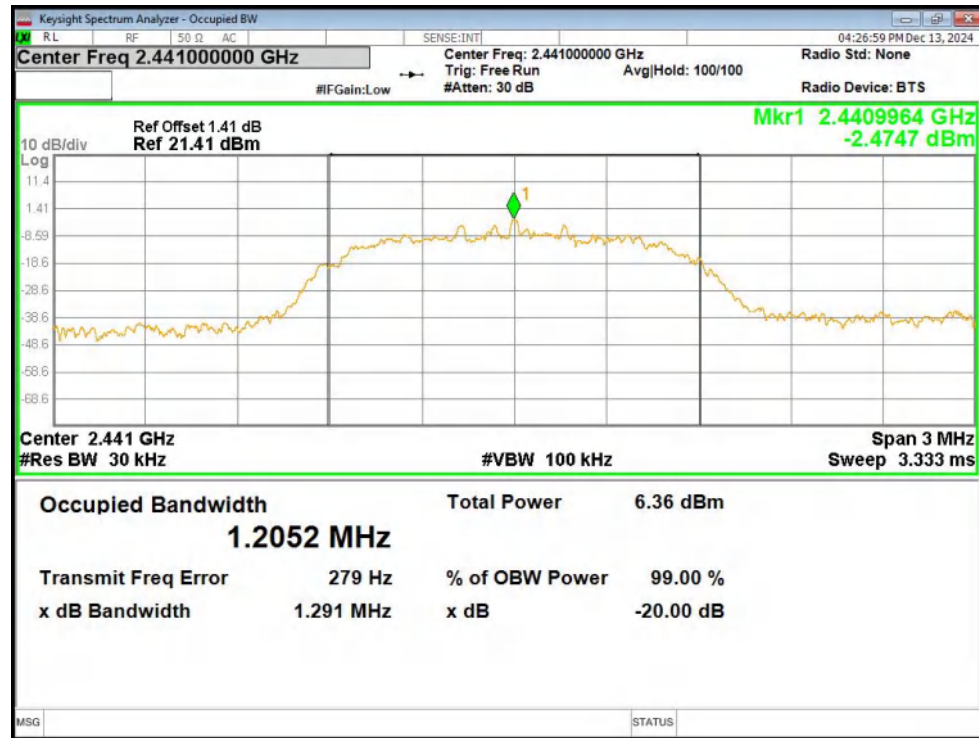
OBW NVNT 2-DH5 2480MHz Ant1



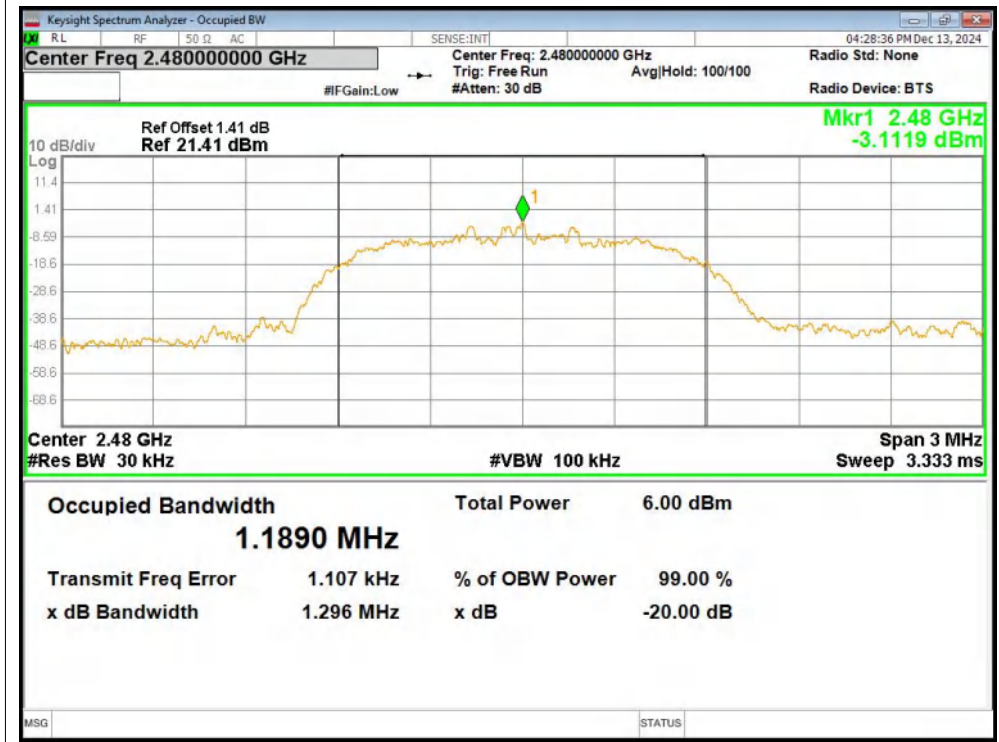
OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1

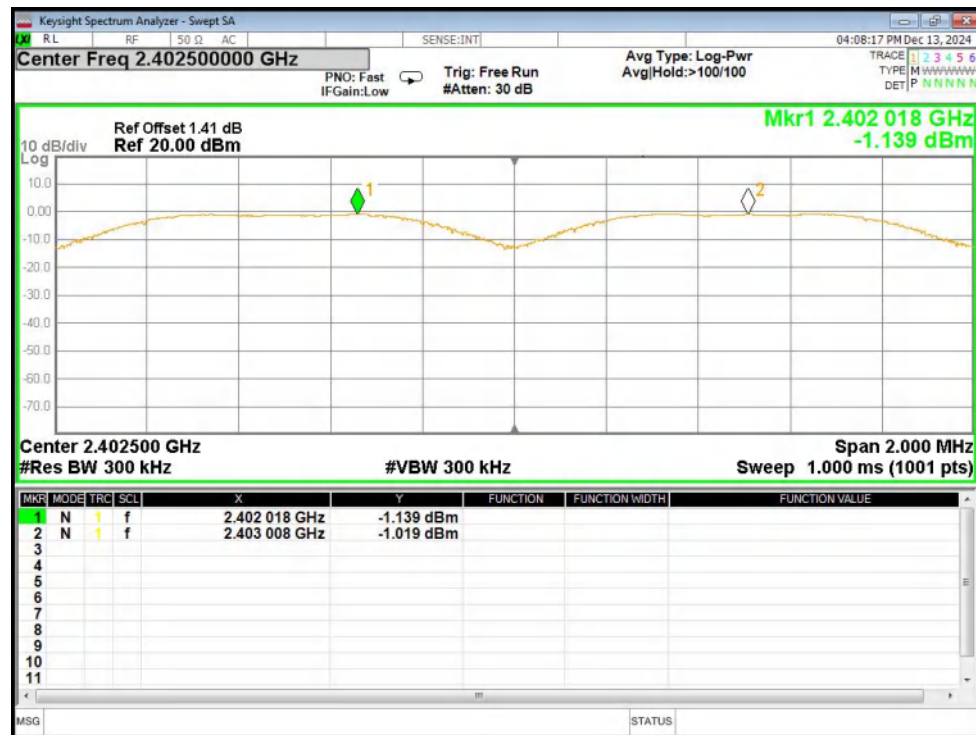


5.Carrier Frequencies Separation

Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
1-DH5	2402.018	2403.008	0.99	0.645	Pass
1-DH5	2440.992	2441.99	0.998	0.638	Pass
1-DH5	2478.822	2479.846	1.024	0.641	Pass
2-DH5	2401.994	2402.996	1.002	0.896	Pass
2-DH5	2440.82	2441.854	1.034	0.888	Pass
2-DH5	2478.992	2480.142	1.15	0.845	Pass
3-DH5	2401.848	2402.794	0.946	0.874	Pass
3-DH5	2440.824	2441.998	1.174	0.856	Pass
3-DH5	2478.984	2480.012	1.028	0.855	Pass

Test Graphs

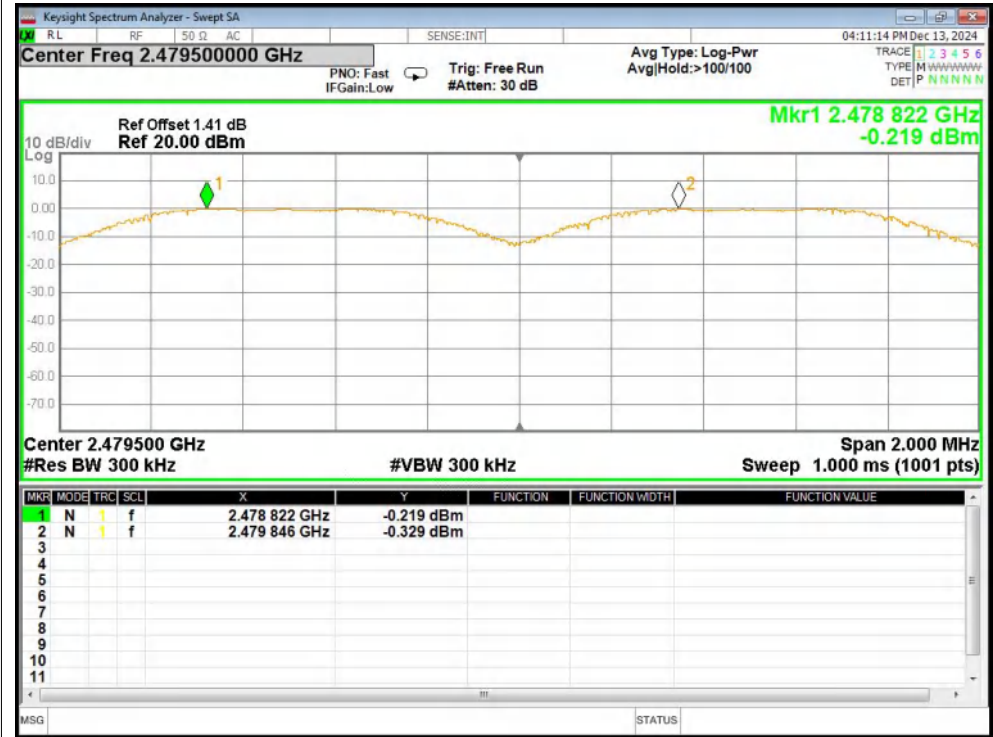
CFS NVNT 1-DH5 2402MHz Ant1



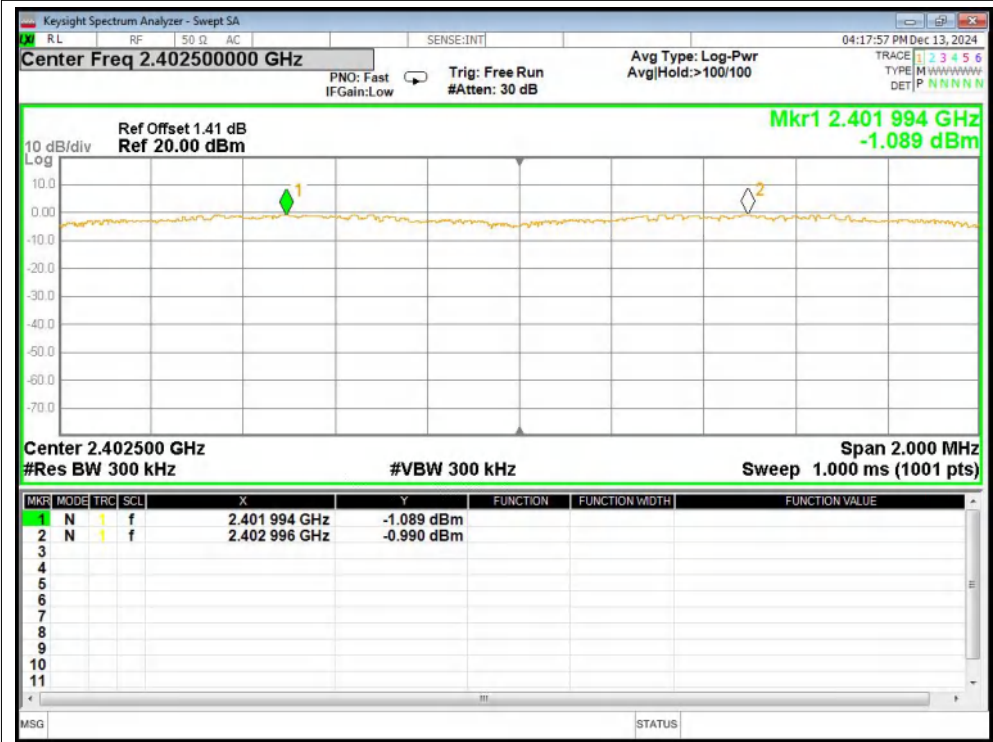
CFS NVNT 1-DH5 2441MHz Ant1



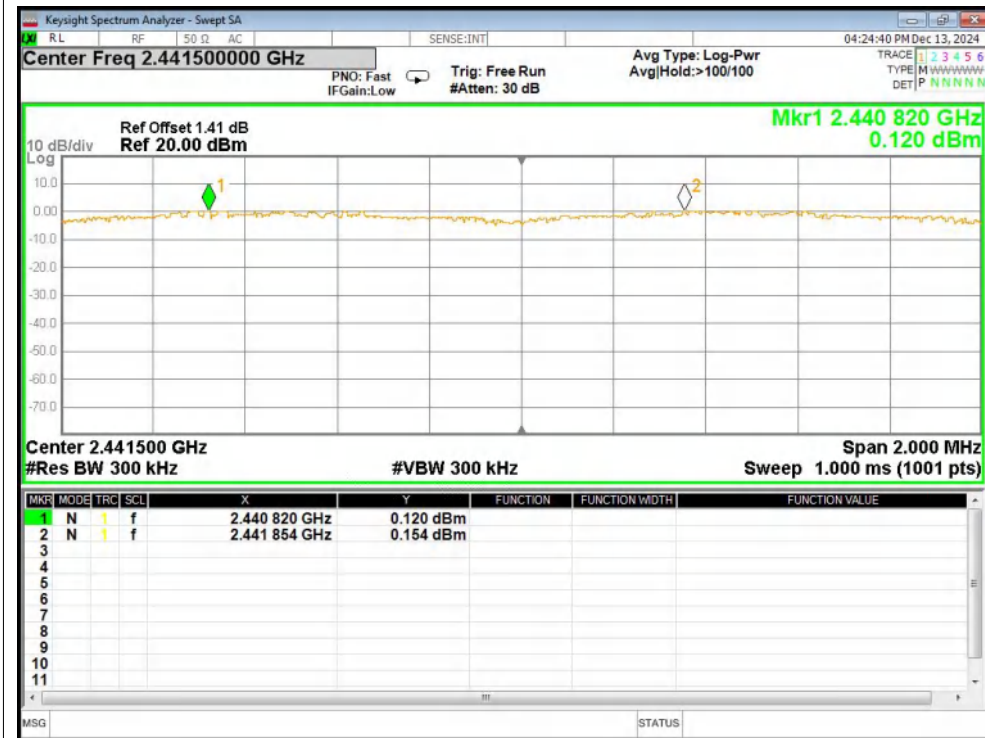
CFS NVNT 1-DH5 2480MHz Ant1



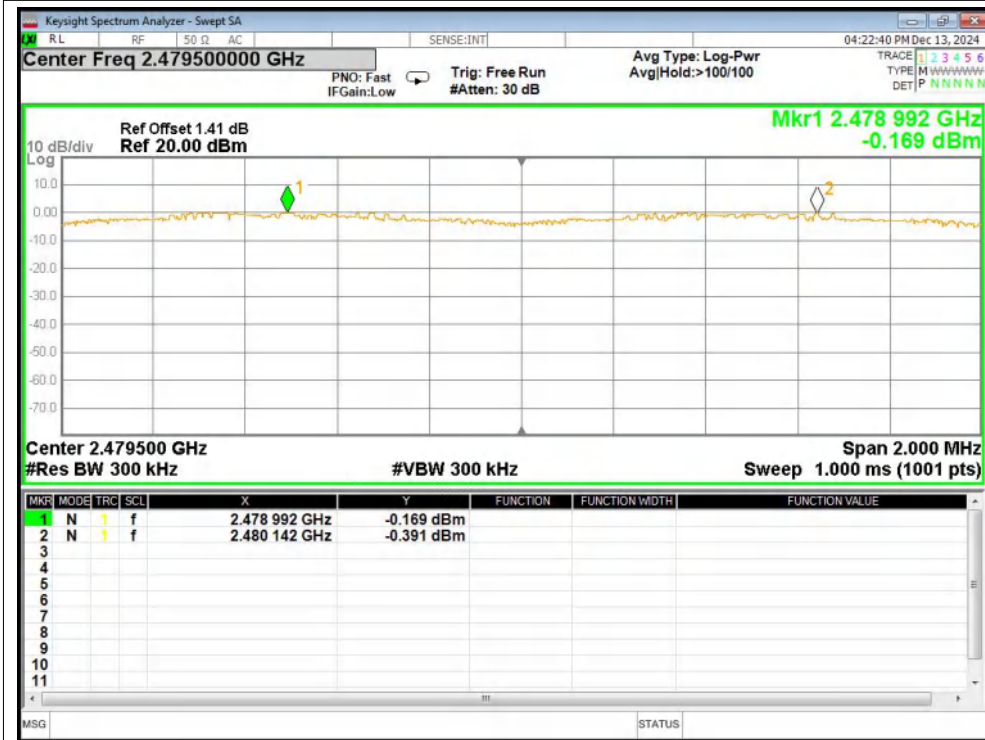
CFS NVNT 2-DH5 2402MHz Ant1



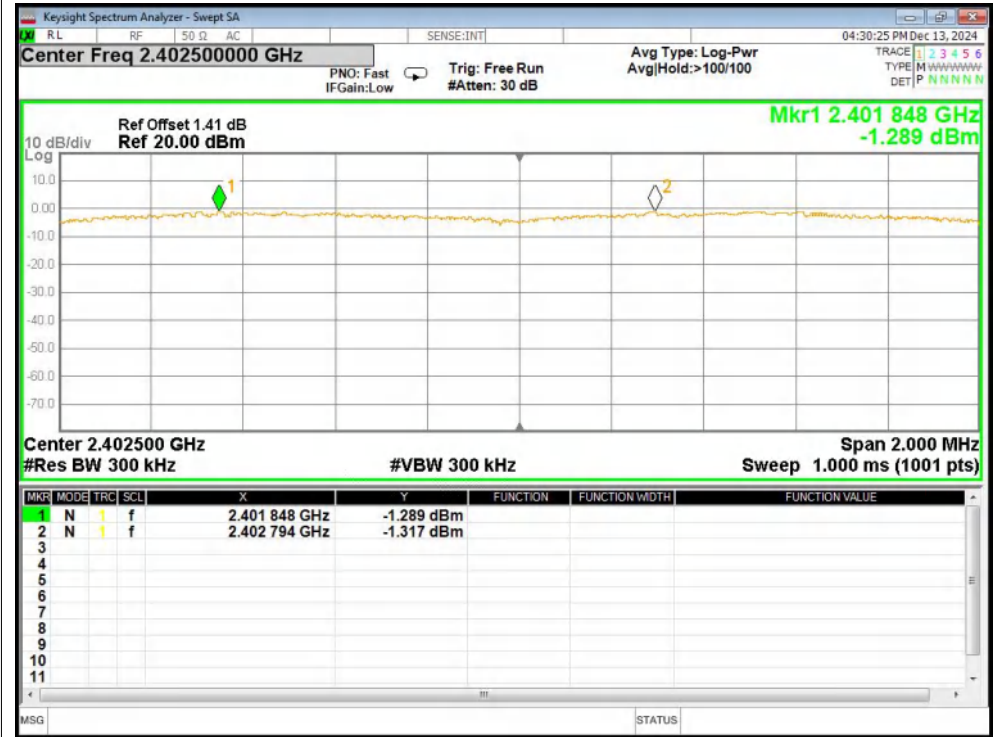
CFS NVNT 2-DH5 2441MHz Ant1



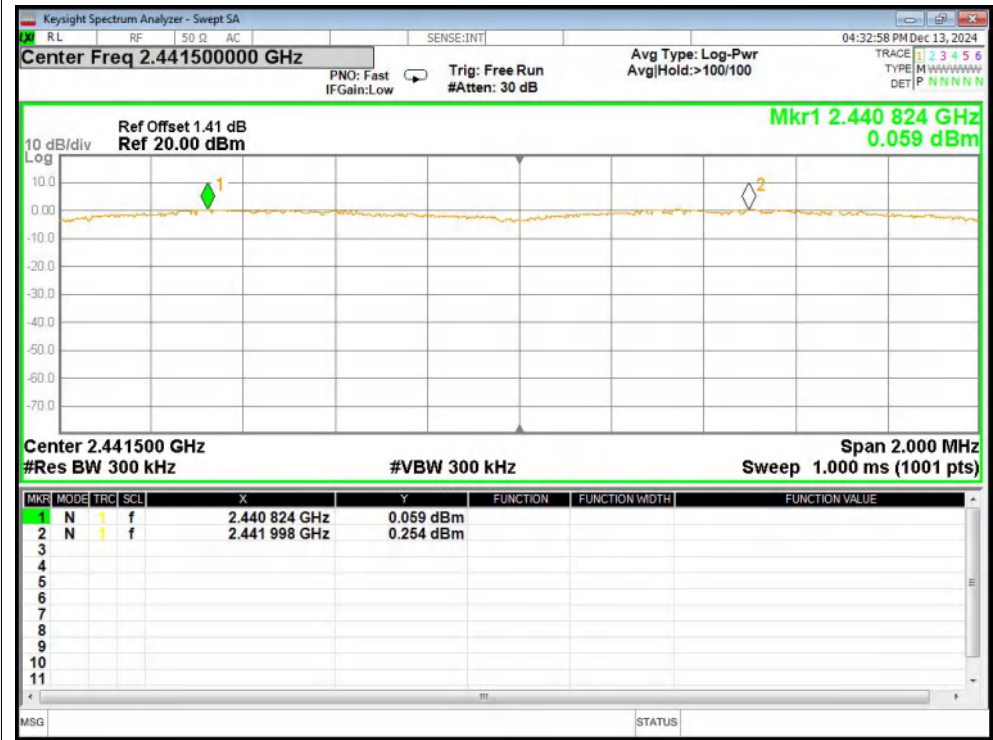
CFS NVNT 2-DH5 2480MHz Ant1



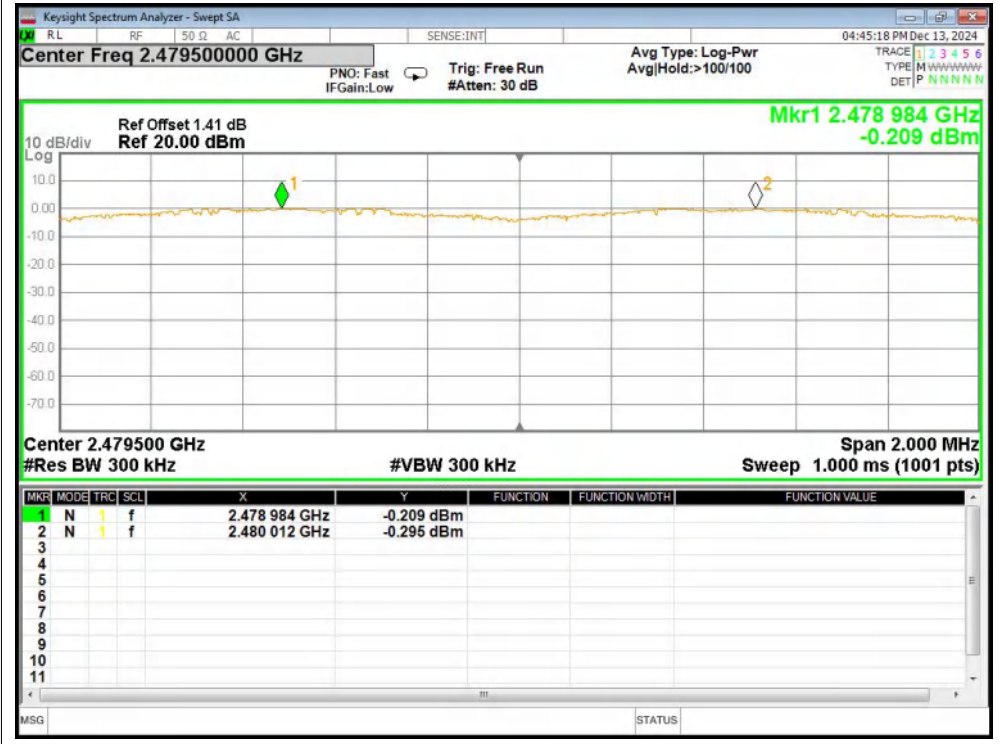
CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1

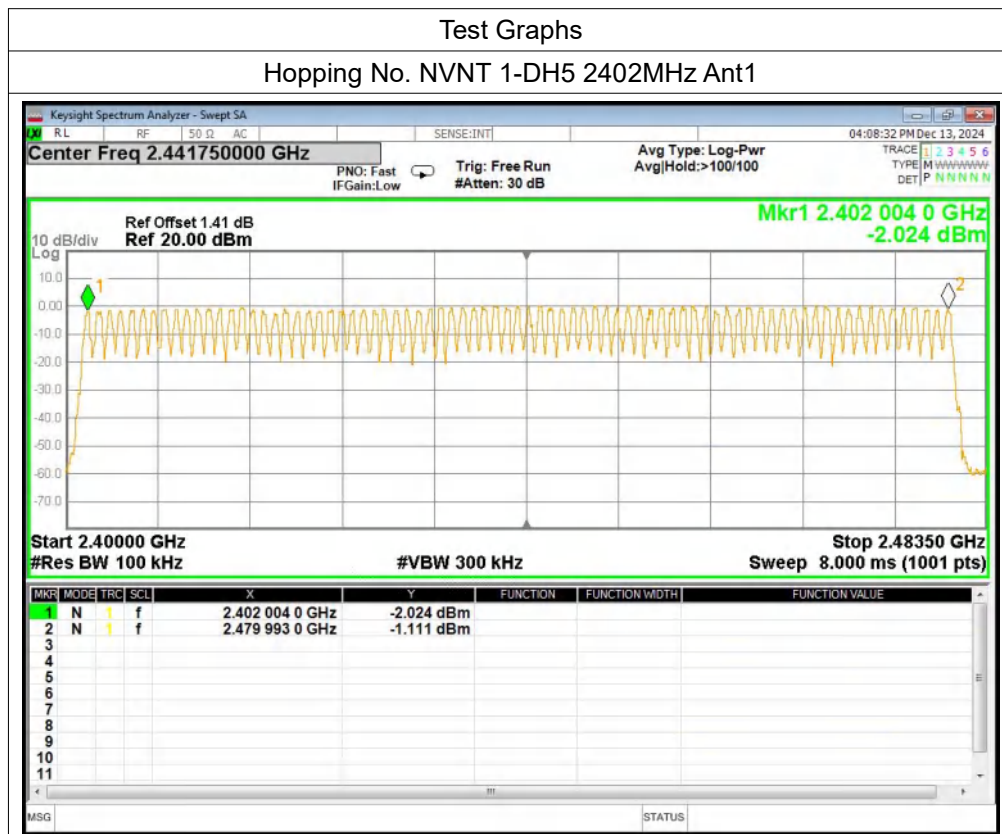


CFS NVNT 3-DH5 2480MHz Ant1



6.Number of Hopping Channel

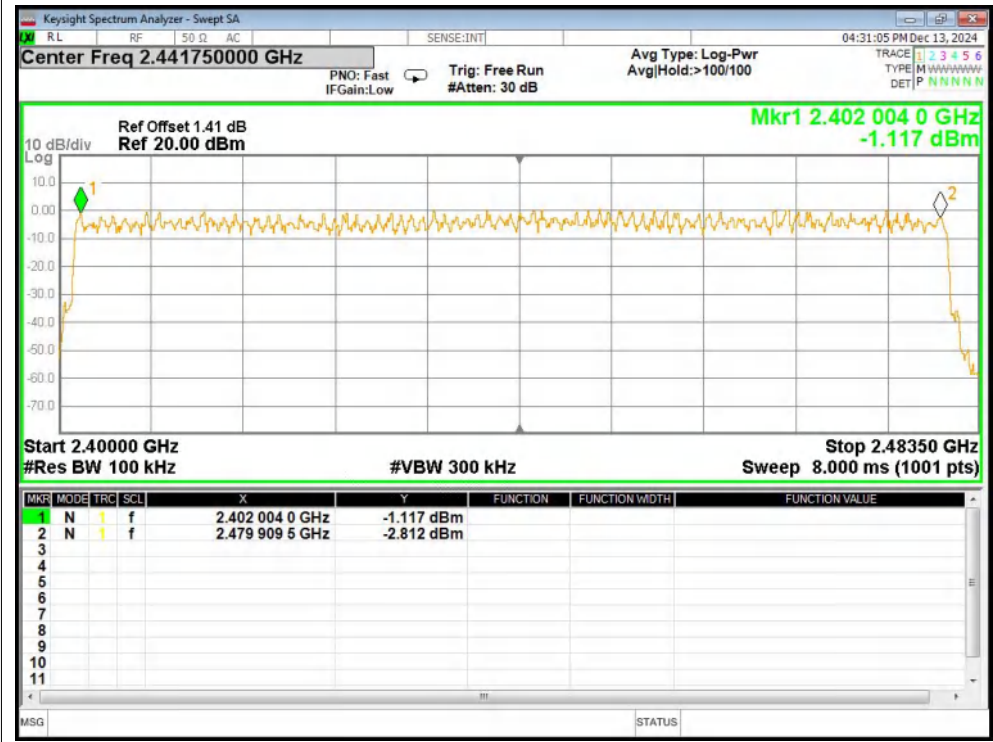
Mode	Hopping Number	Limit	Verdict
1-DH5	79	15	Pass
2-DH5	79	15	Pass
3-DH5	79	15	Pass



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

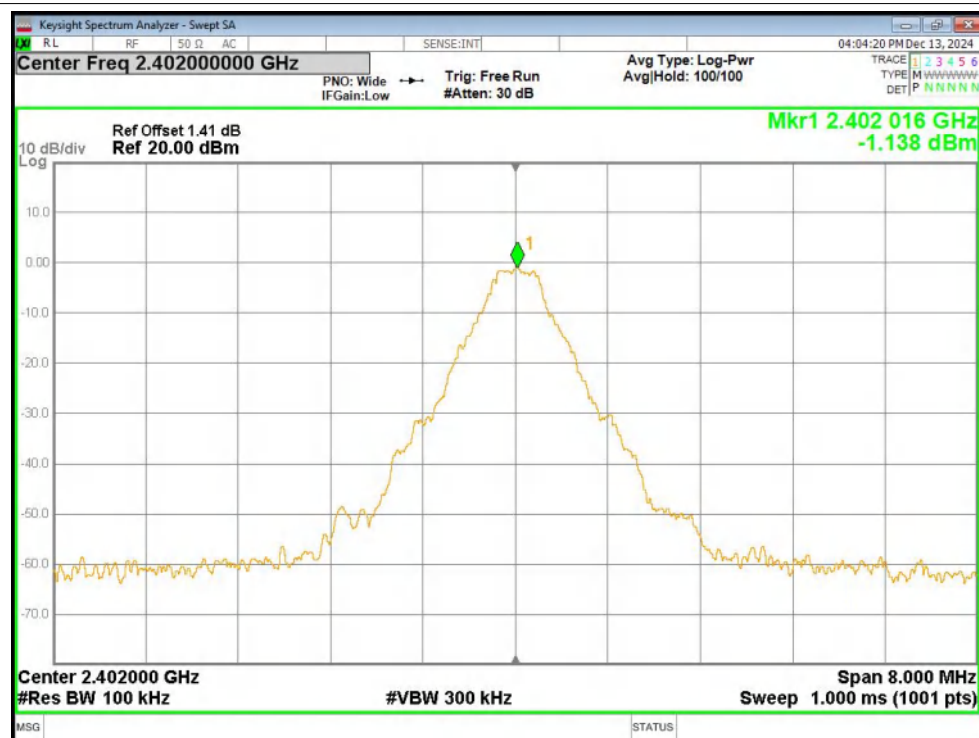


7.Band Edge

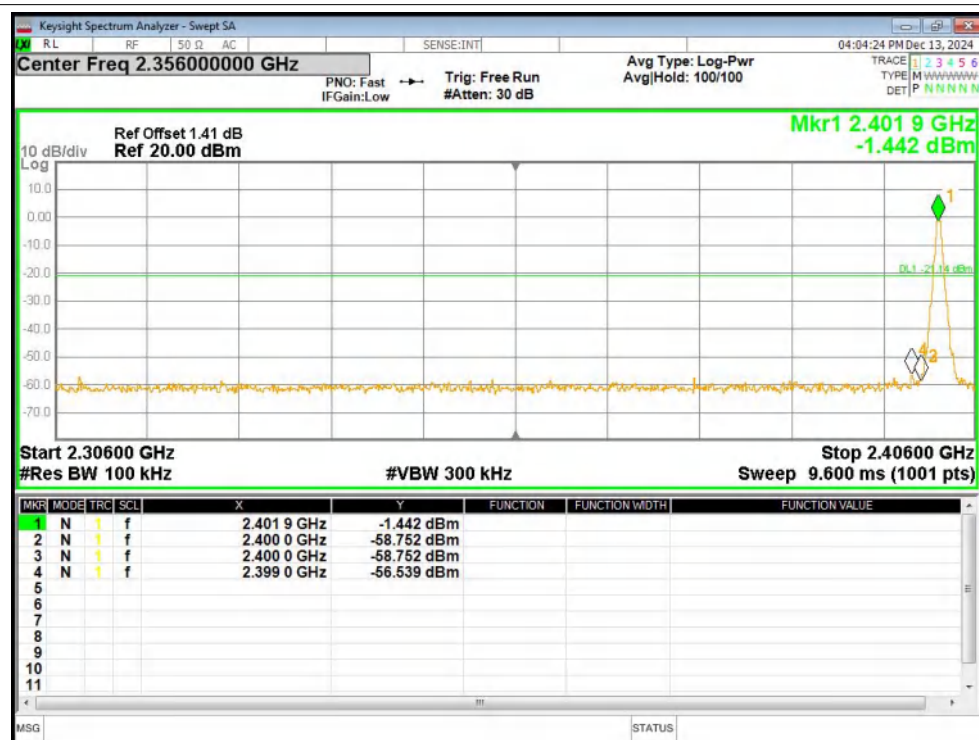
Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	No-Hopping	-55.39	-20	Pass
1-DH5	2480	No-Hopping	-57.28	-20	Pass
2-DH5	2402	No-Hopping	-47.48	-20	Pass
2-DH5	2480	No-Hopping	-57.46	-20	Pass
3-DH5	2402	No-Hopping	-47.22	-20	Pass
3-DH5	2480	No-Hopping	-57.22	-20	Pass

Test Graphs

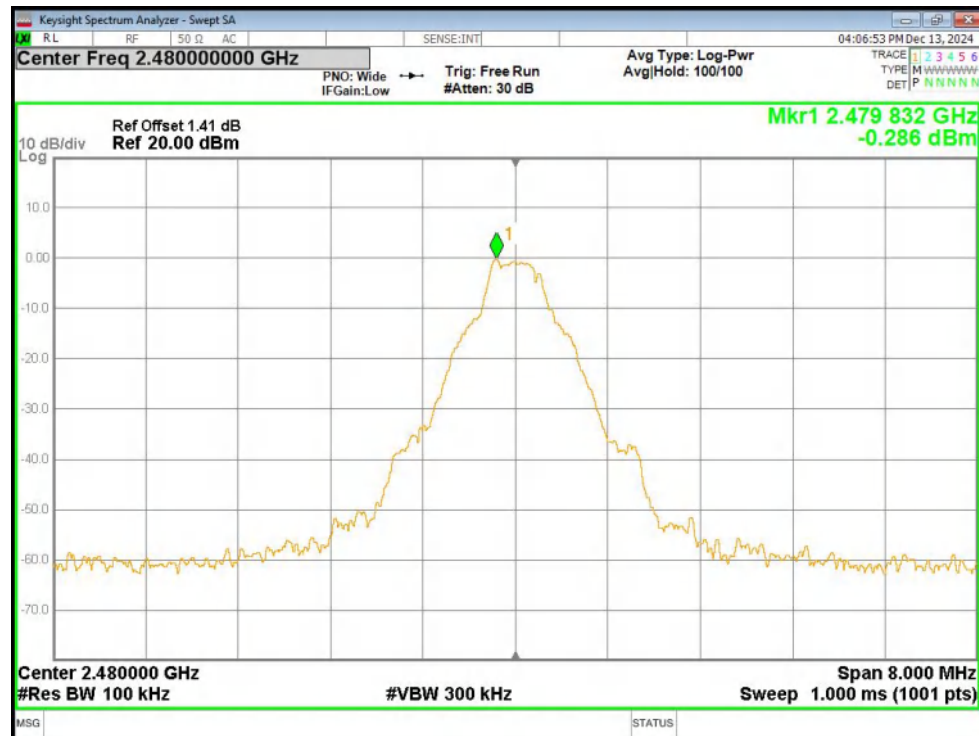
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



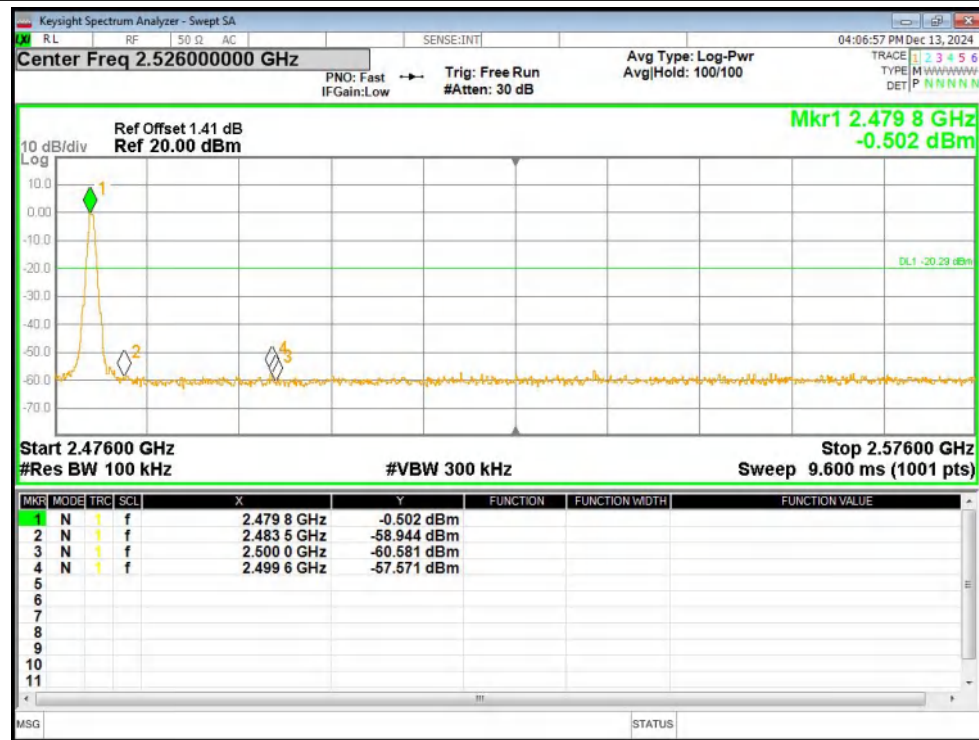
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



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



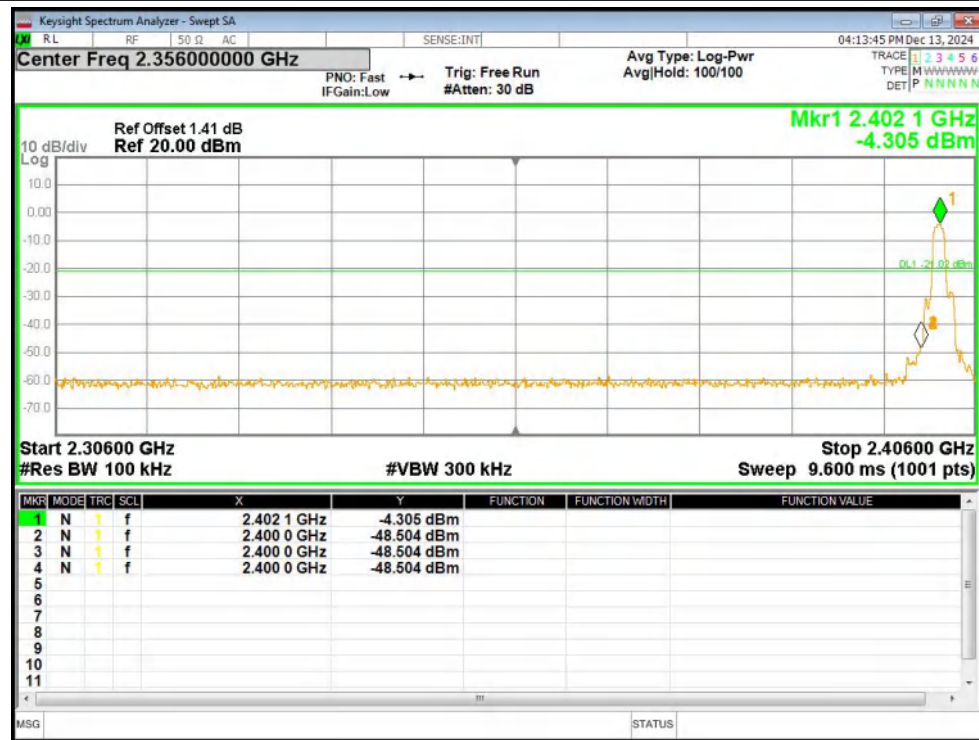
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



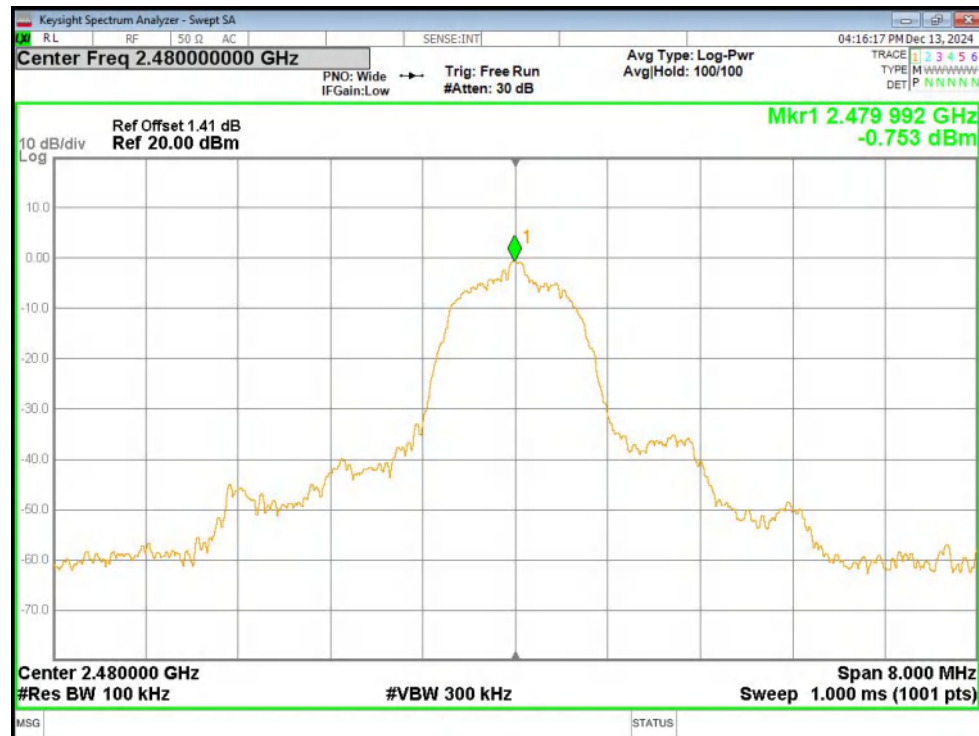
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



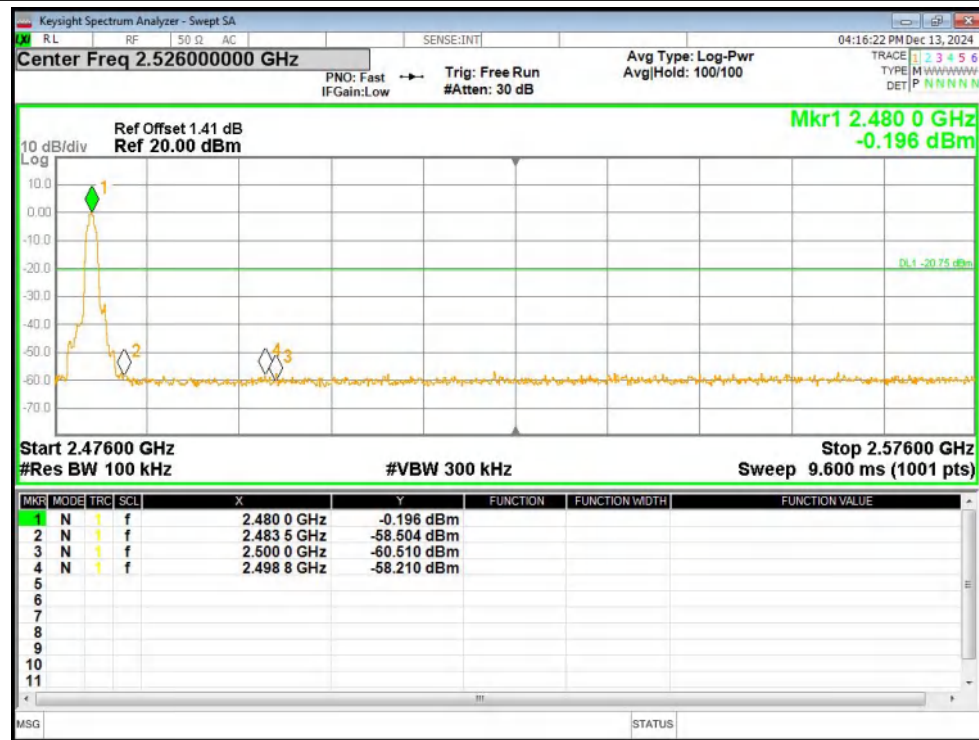
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



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



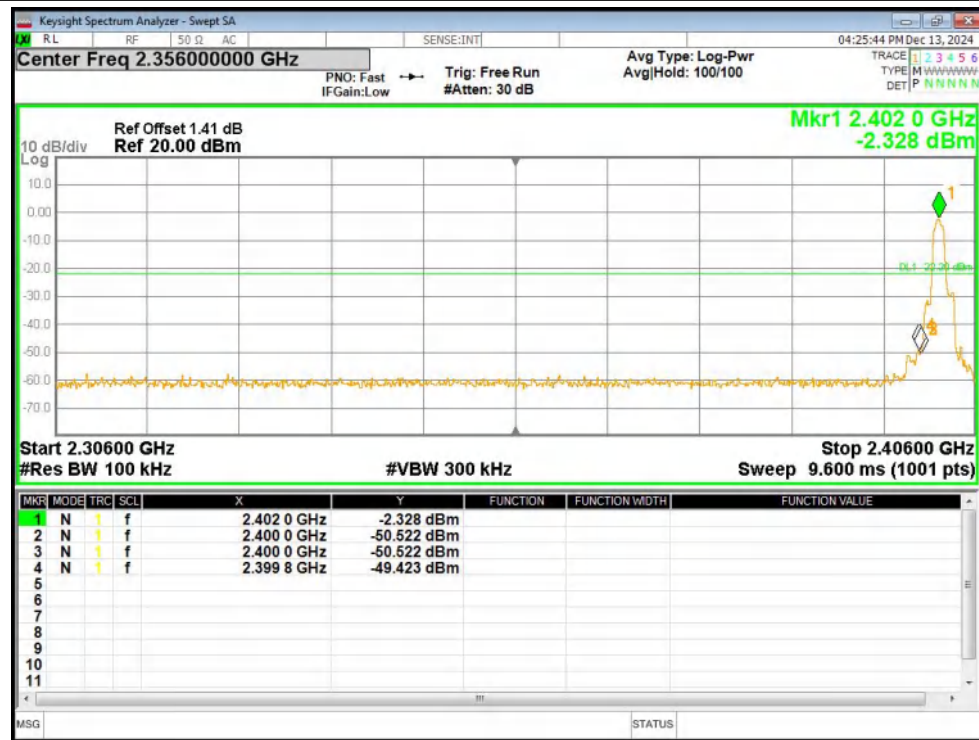
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



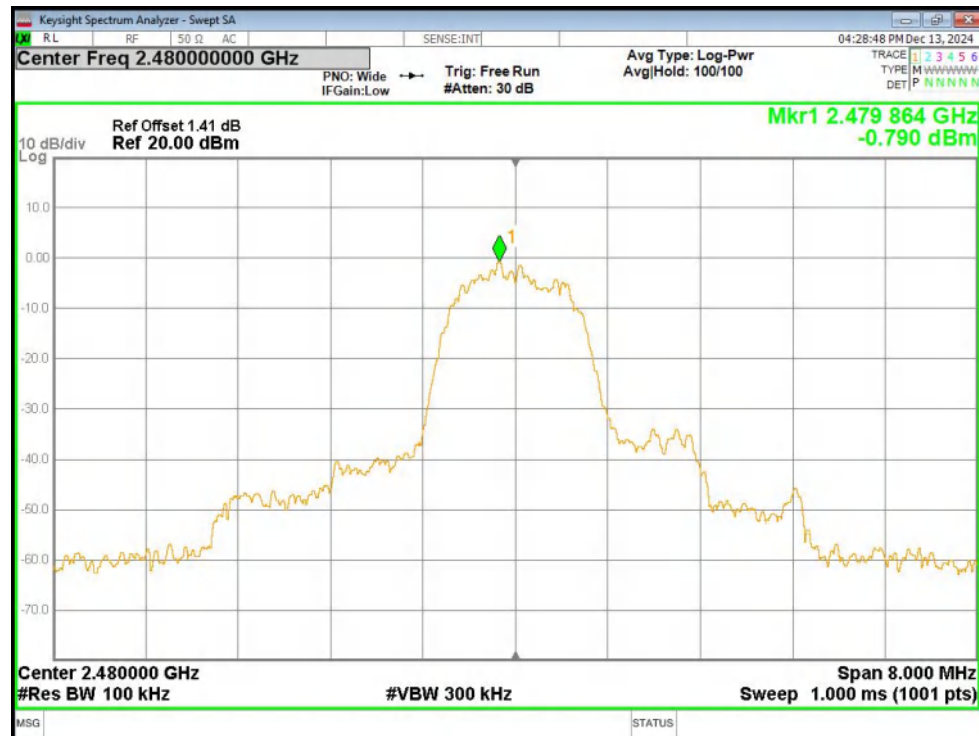
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



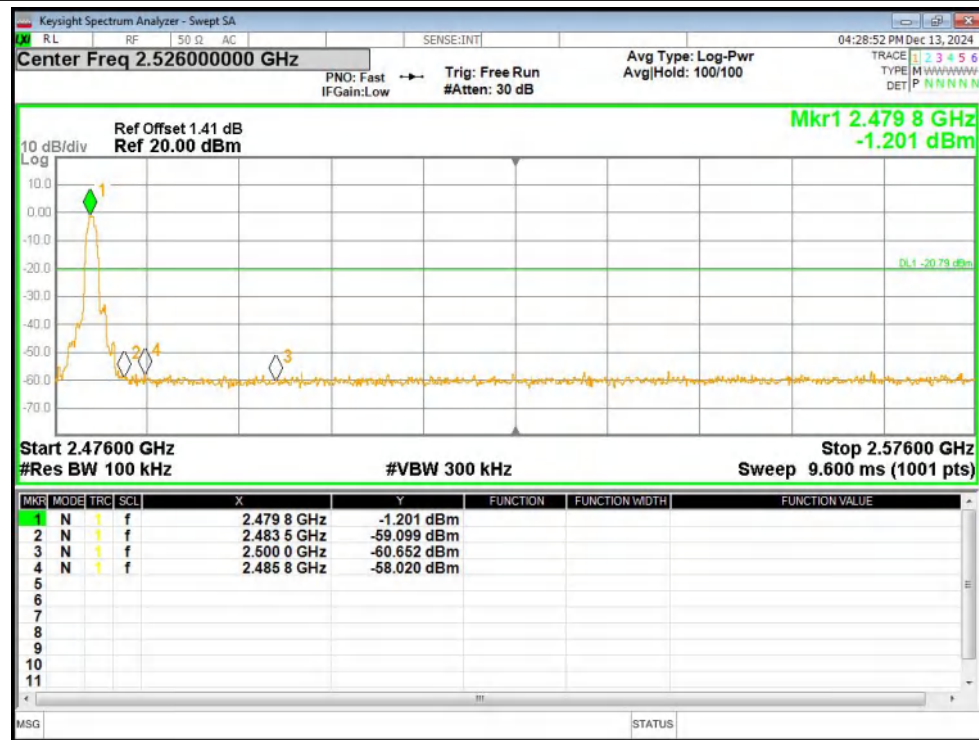
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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



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

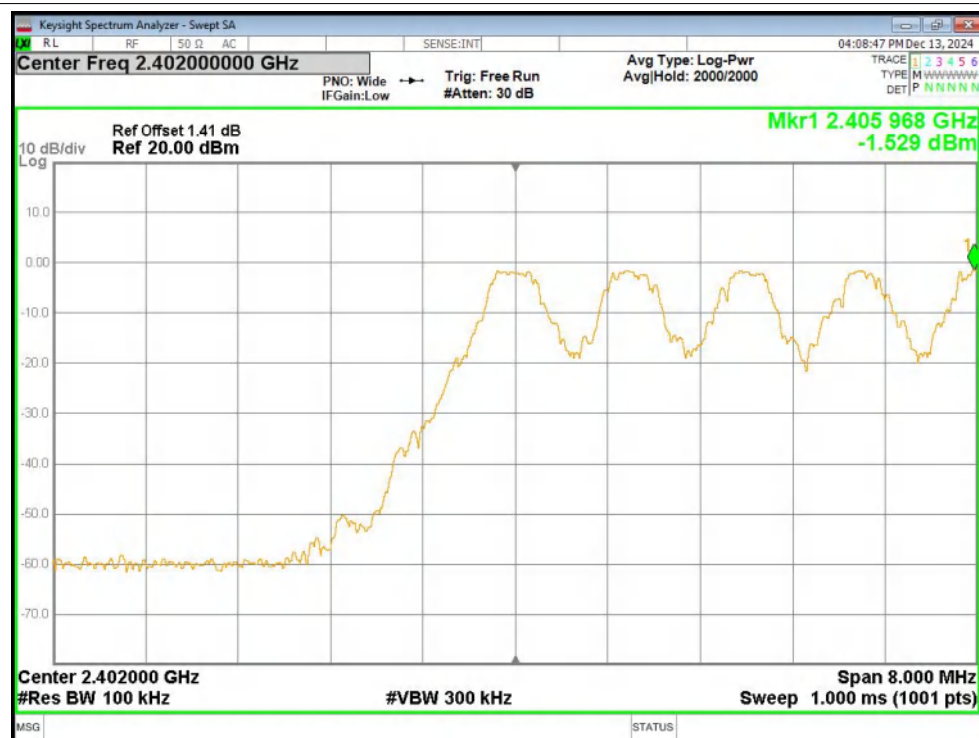


8.Band Edge(Hopping)

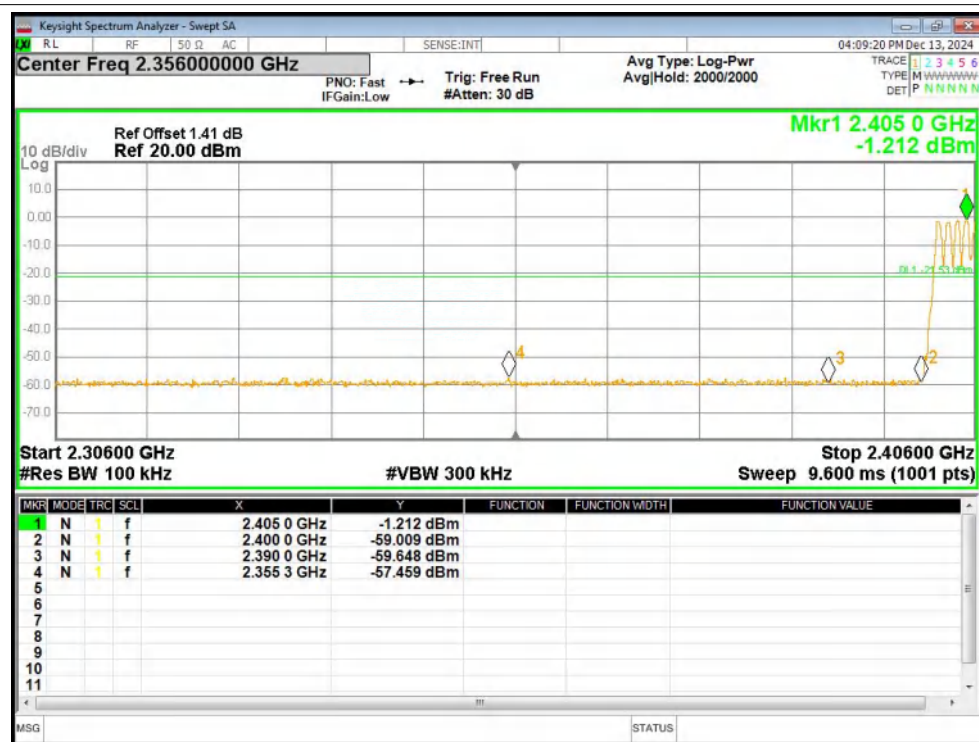
Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	Hopping	-55.92	-20	Pass
1-DH5	2480	Hopping	-57.16	-20	Pass
2-DH5	2402	Hopping	-55.81	-20	Pass
2-DH5	2480	Hopping	-57.05	-20	Pass
3-DH5	2402	Hopping	-55	-20	Pass
3-DH5	2480	Hopping	-56.47	-20	Pass

Test Graphs

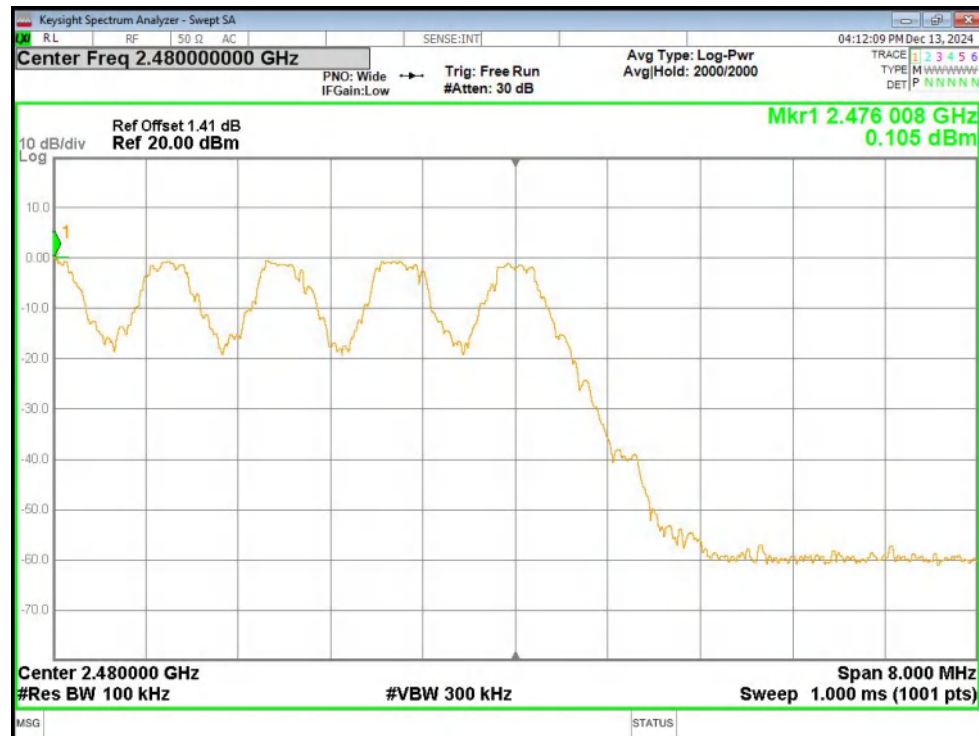
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



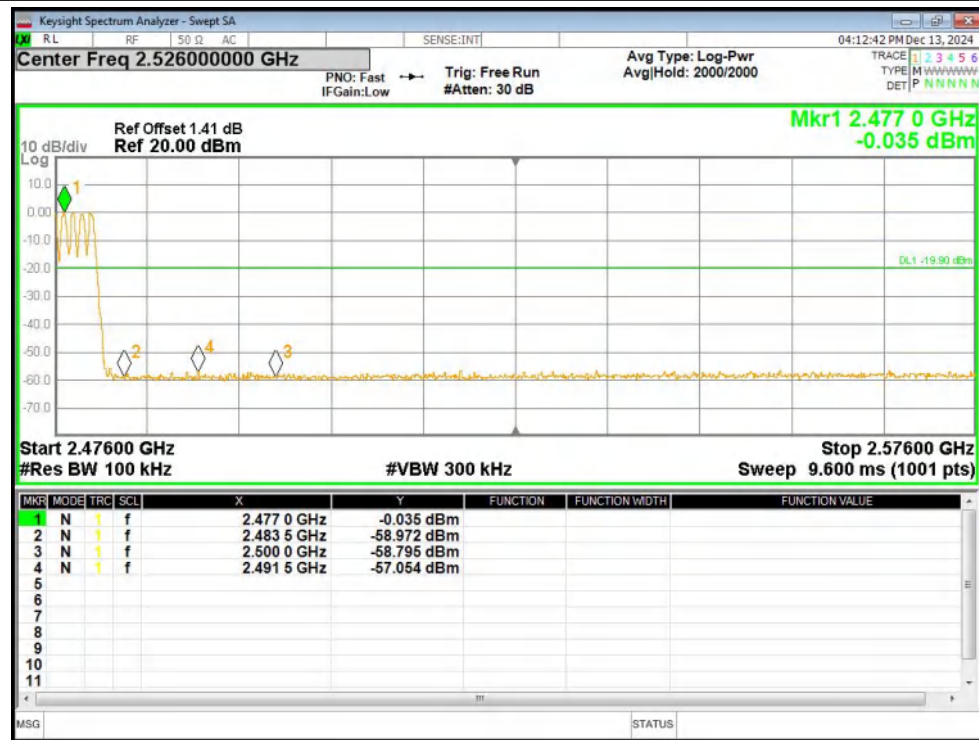
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



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



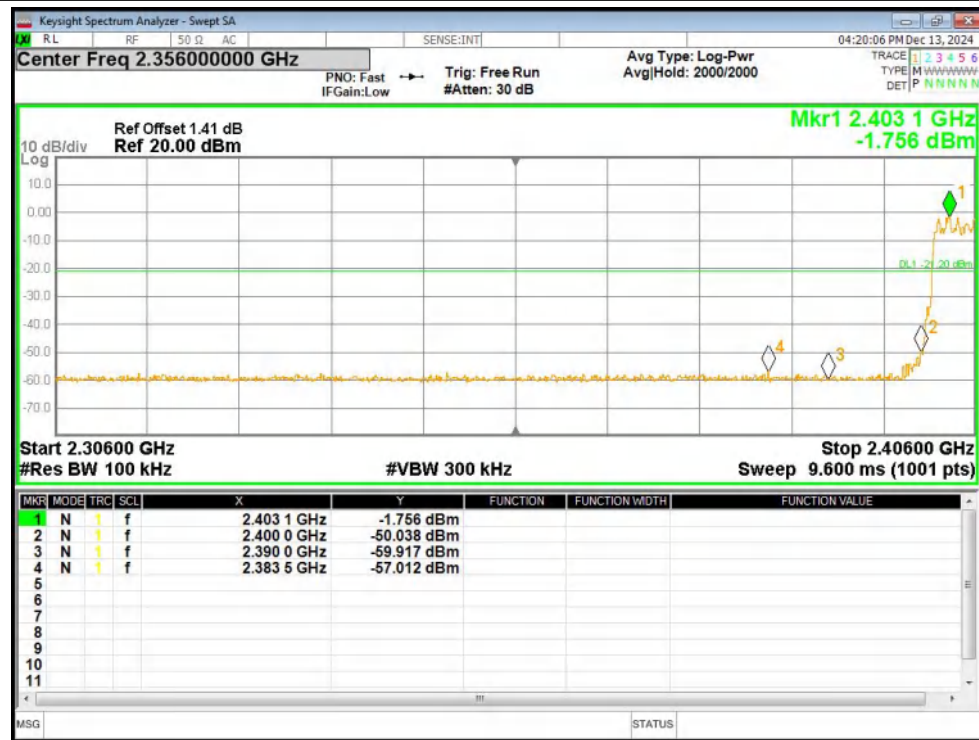
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



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



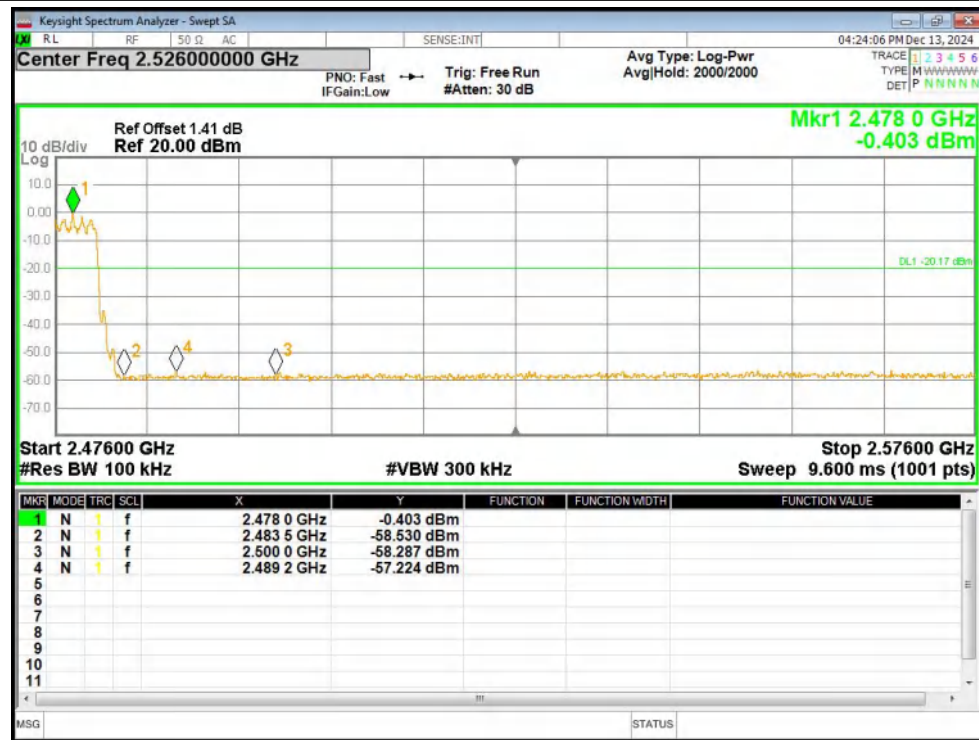
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



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



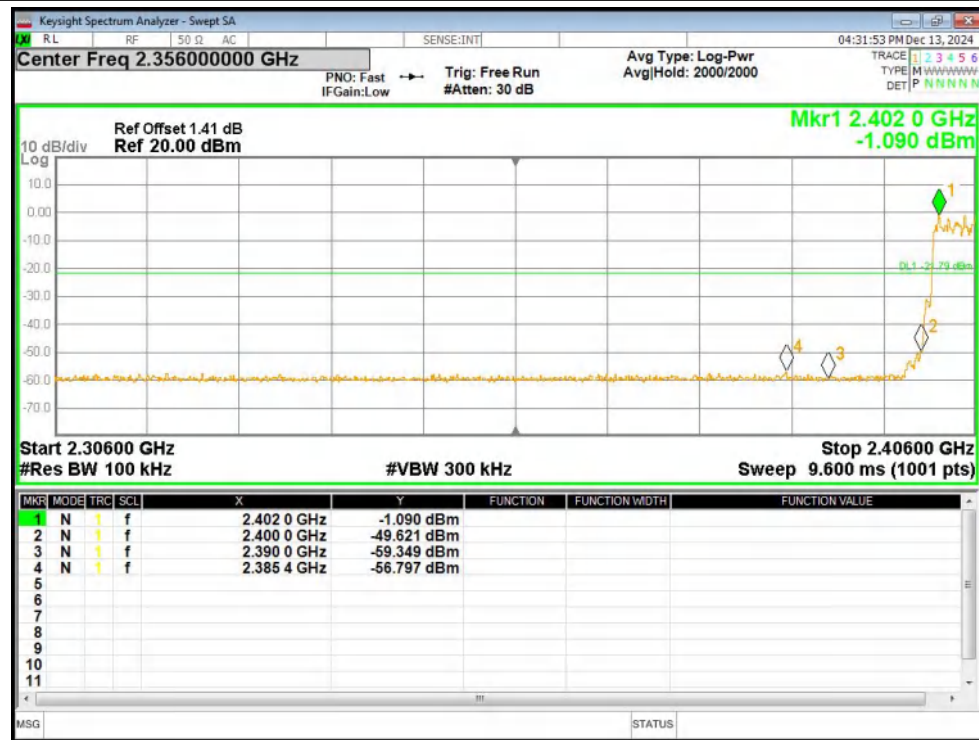
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



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



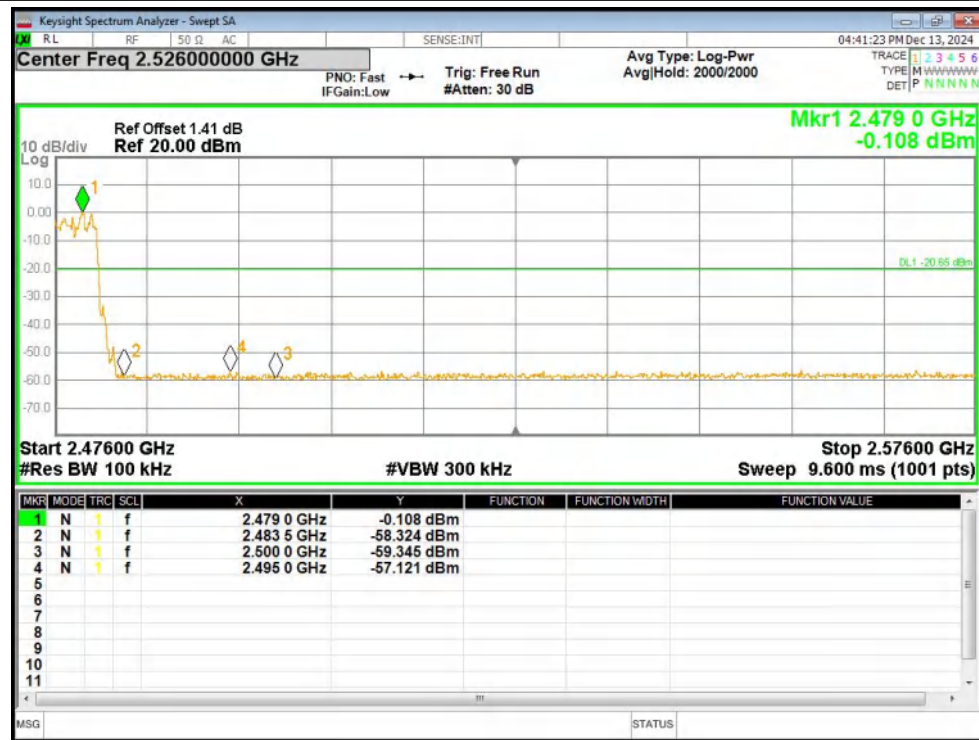
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

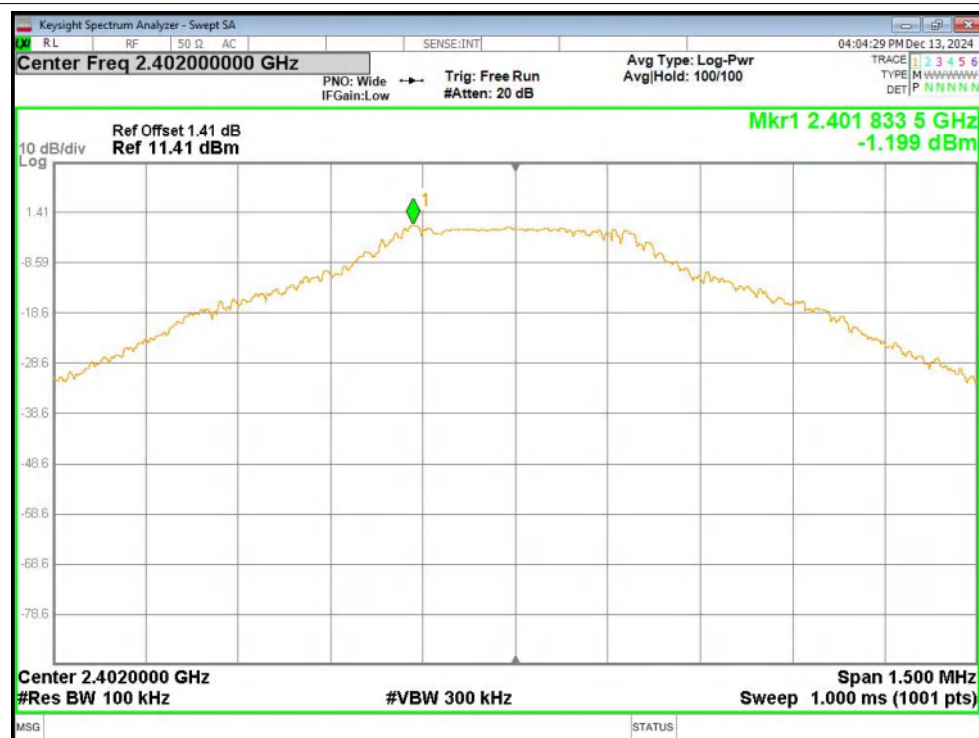


9. Conducted RF Spurious Emission

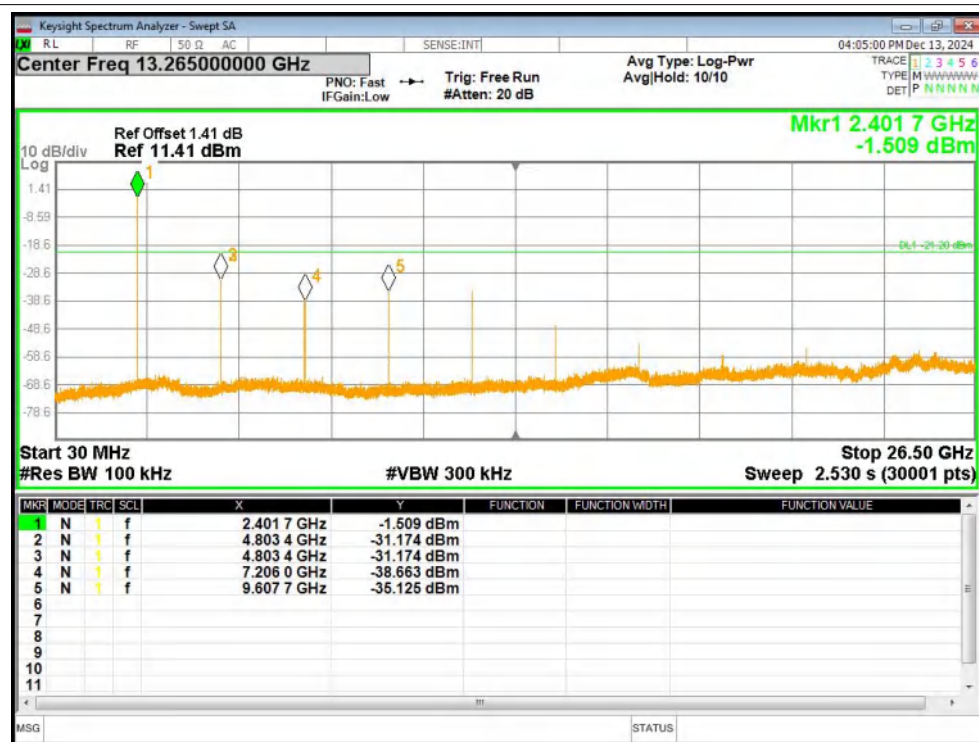
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	-29.97	-20	Pass
1-DH5	2441	-32.47	-20	Pass
1-DH5	2480	-32.81	-20	Pass
2-DH5	2402	-28.54	-20	Pass
2-DH5	2441	-36.38	-20	Pass
2-DH5	2480	-34.29	-20	Pass
3-DH5	2402	-30.58	-20	Pass
3-DH5	2441	-35.16	-20	Pass
3-DH5	2480	-32.08	-20	Pass

Test Graphs

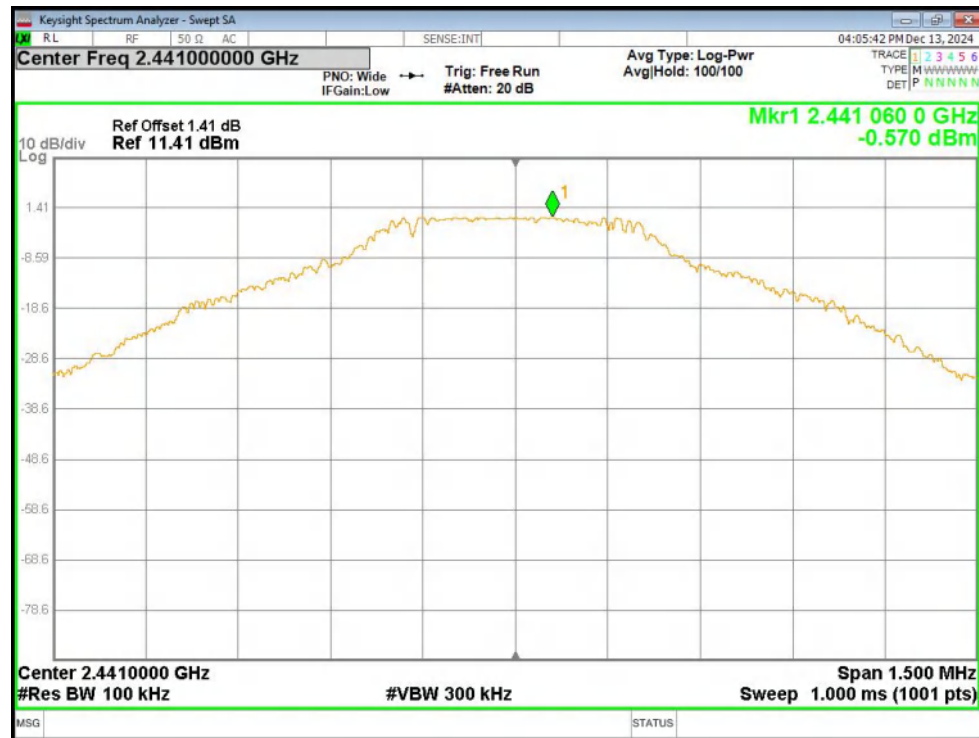
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



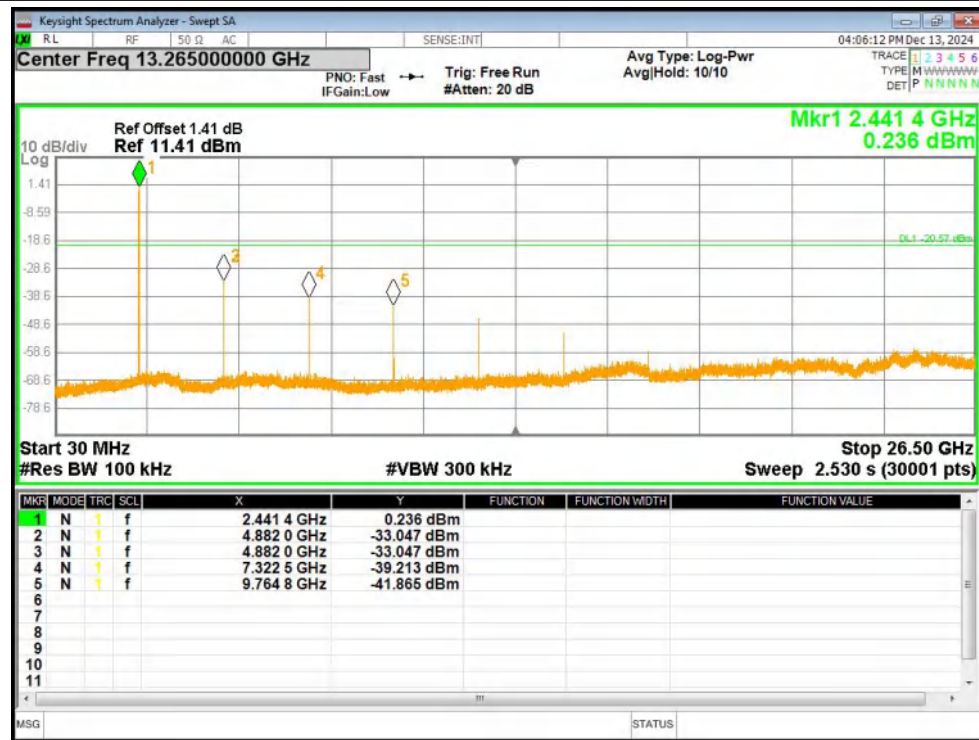
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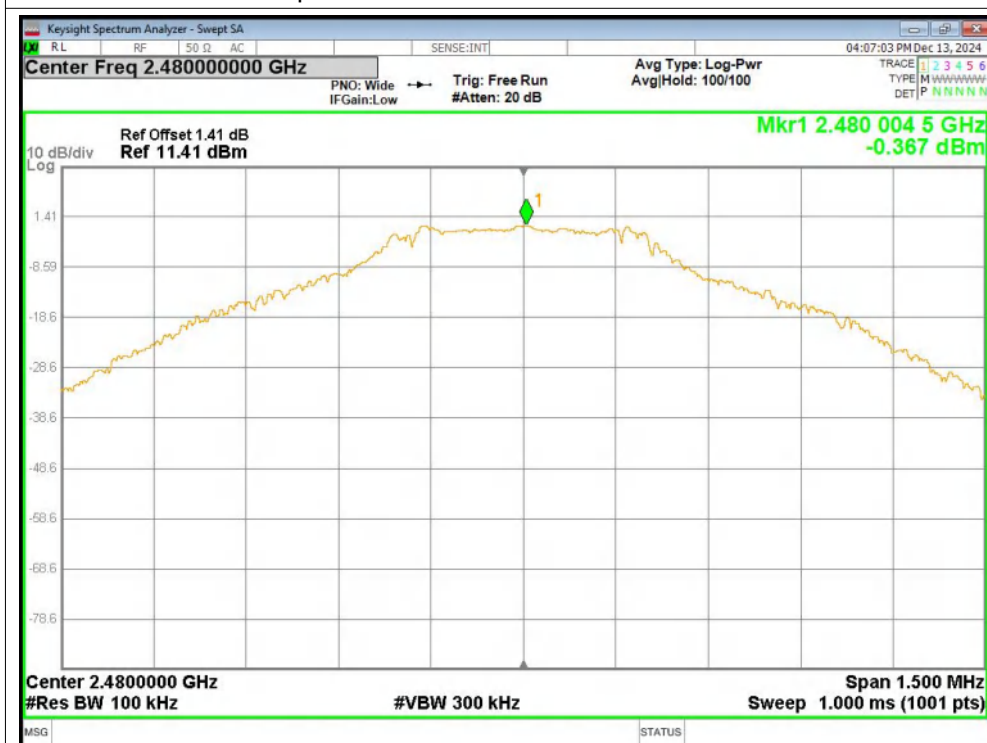
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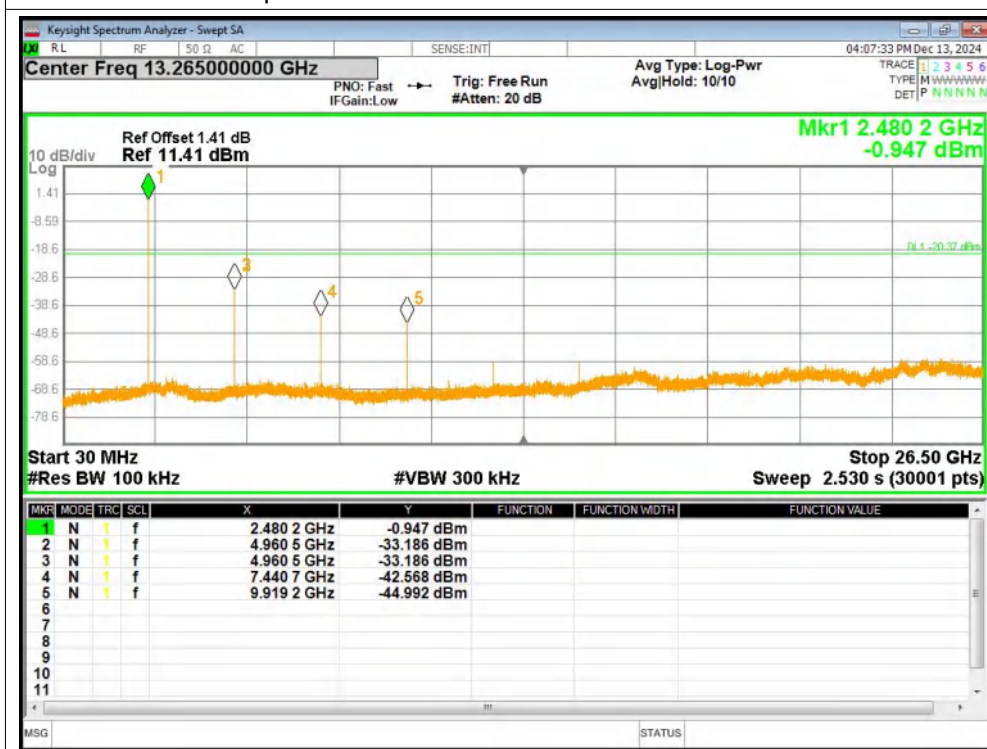
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Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



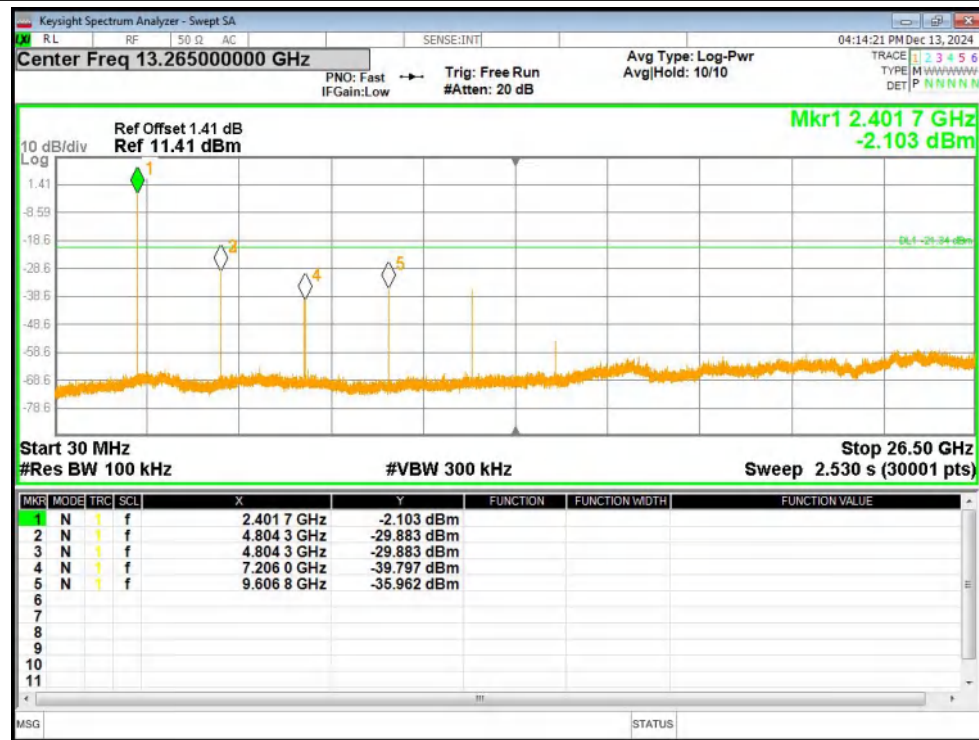
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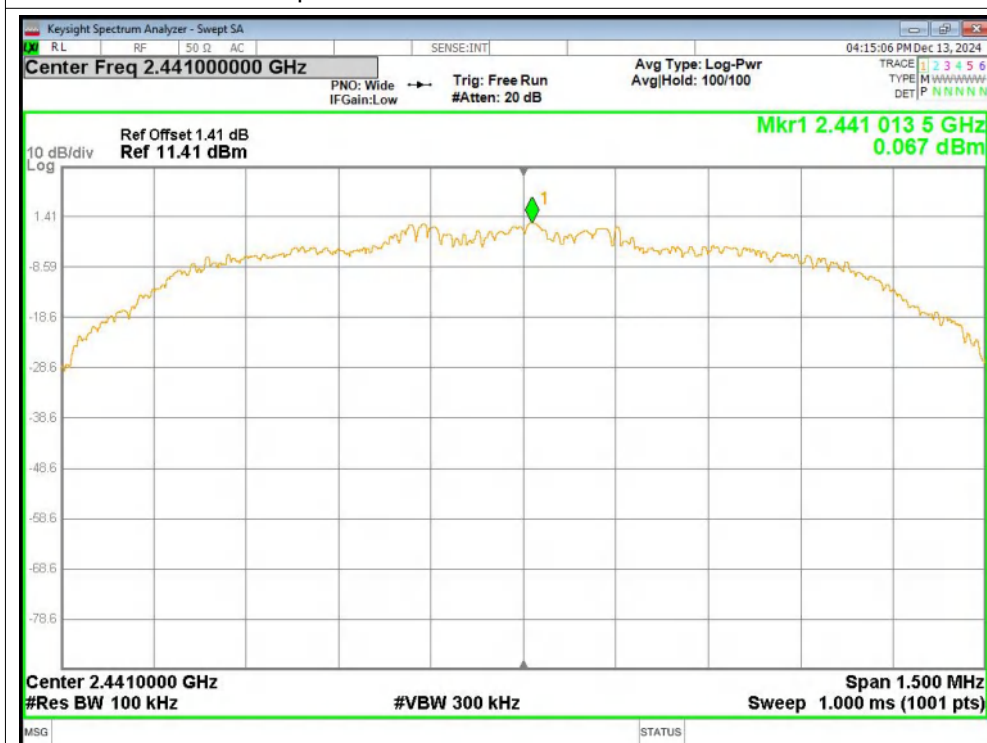
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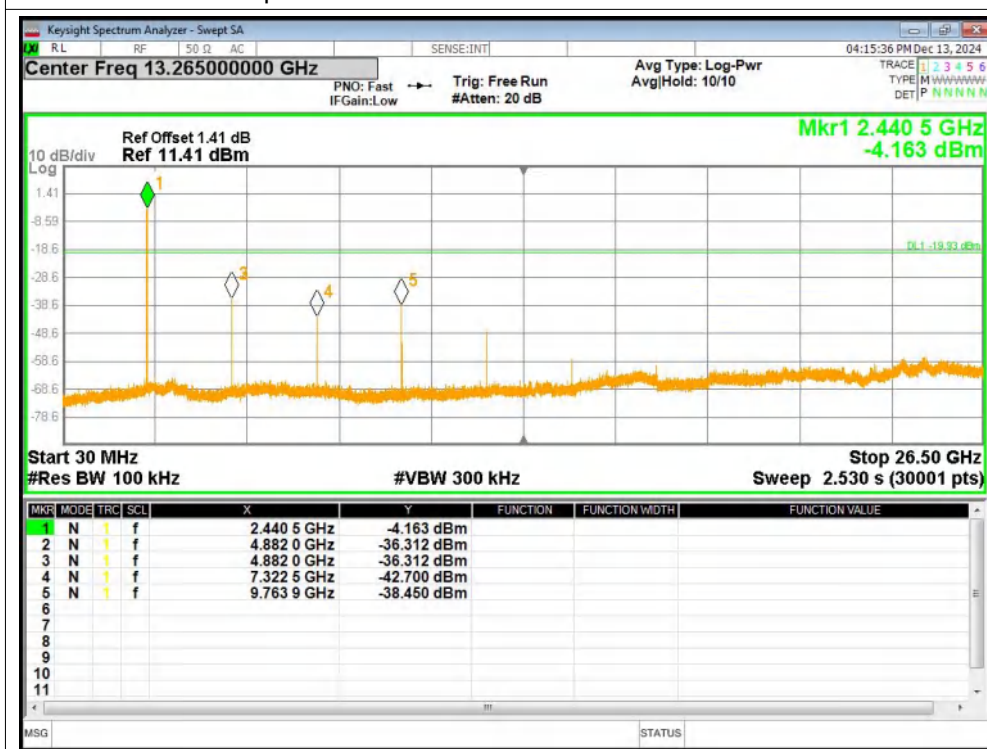
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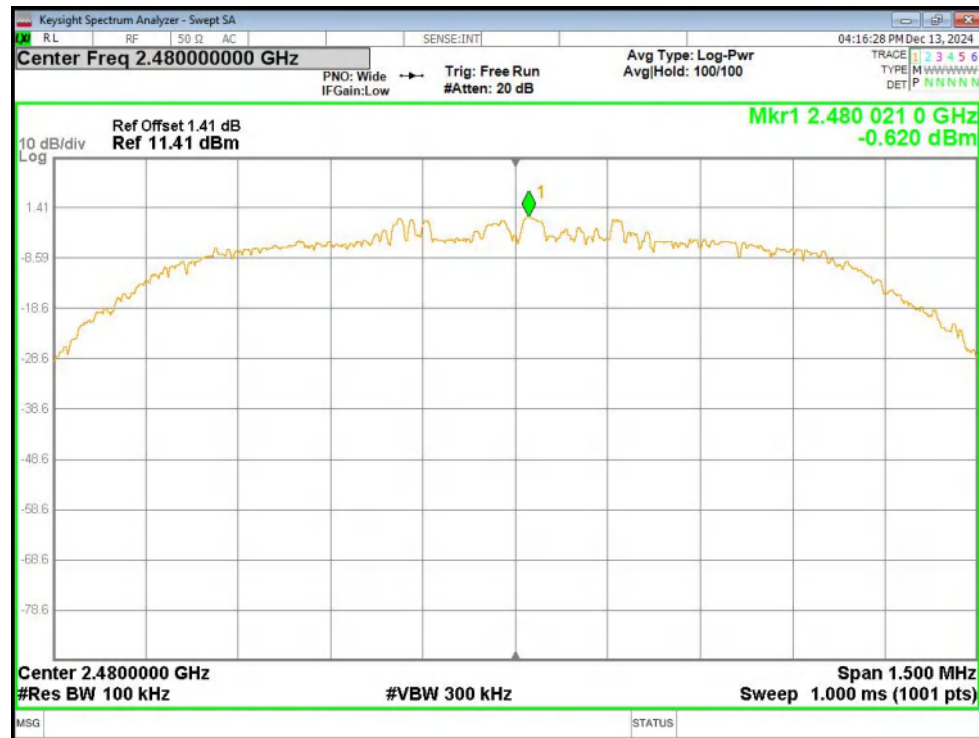
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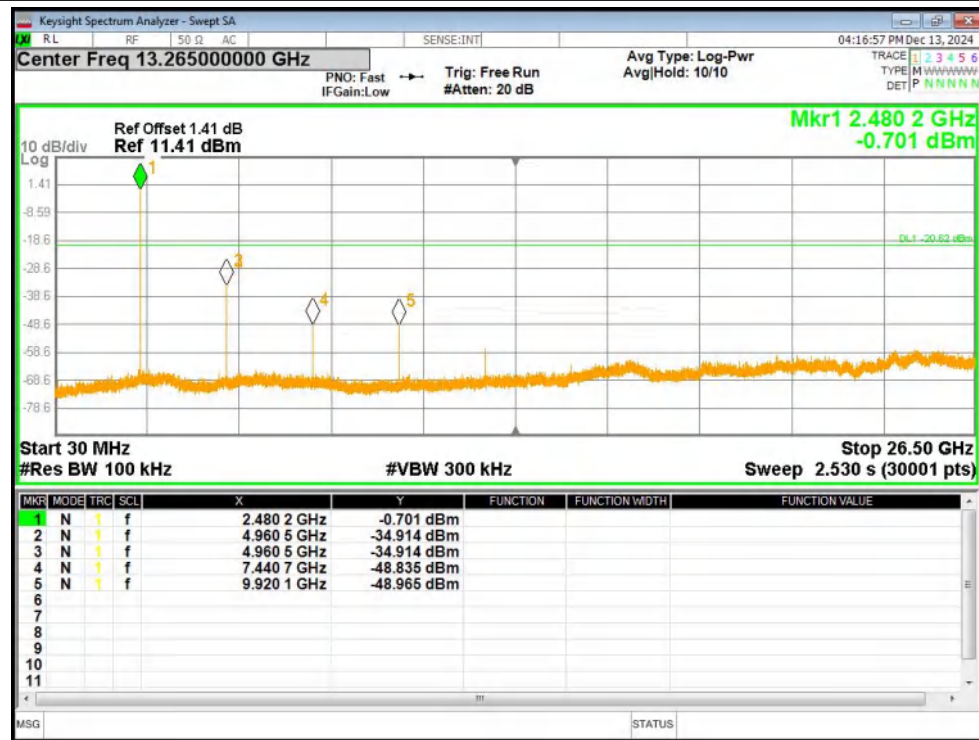
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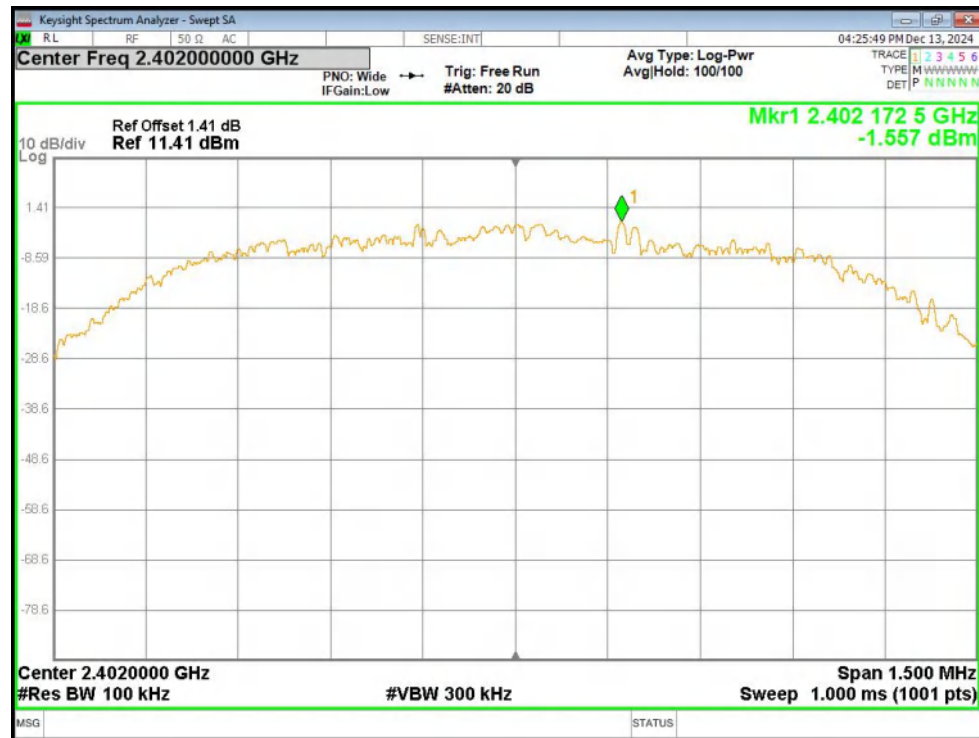
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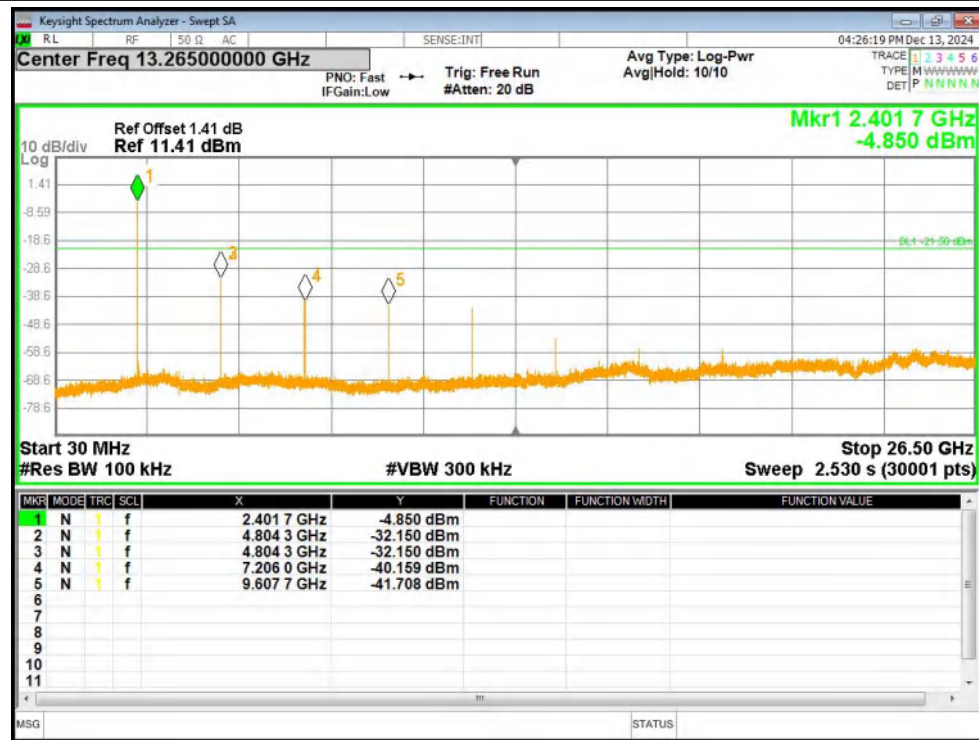
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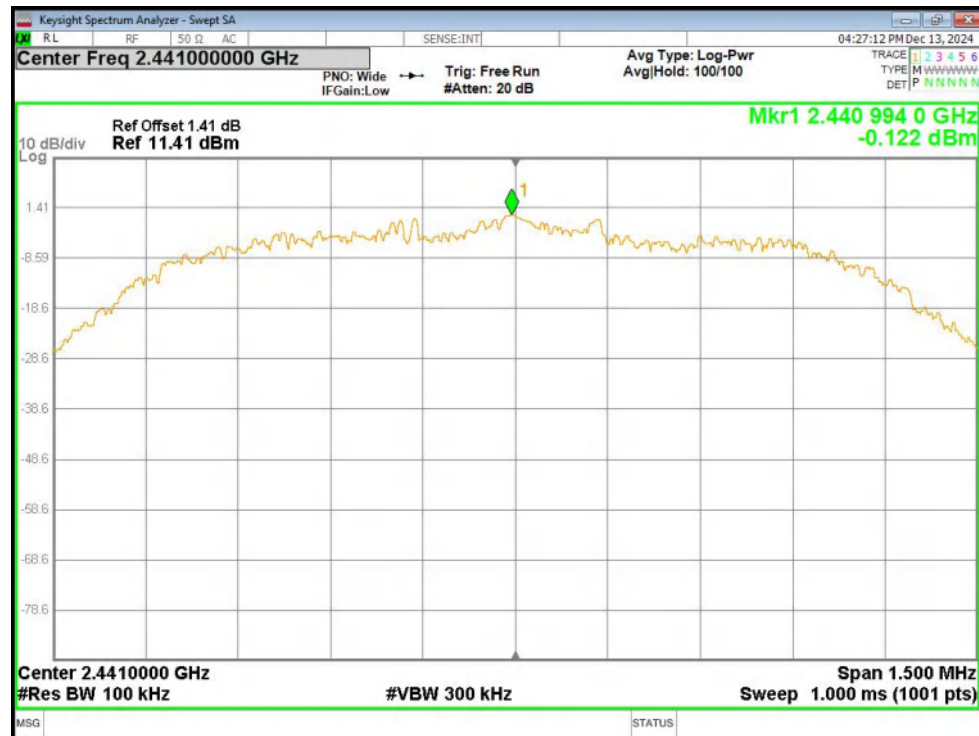
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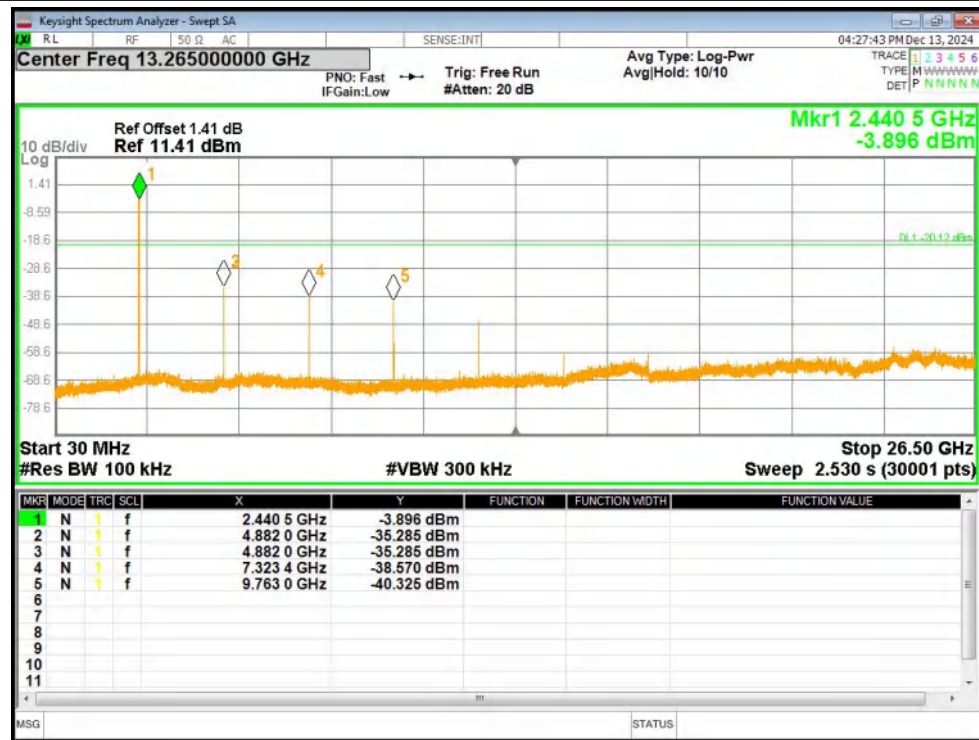
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



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

