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FCC ID EDR

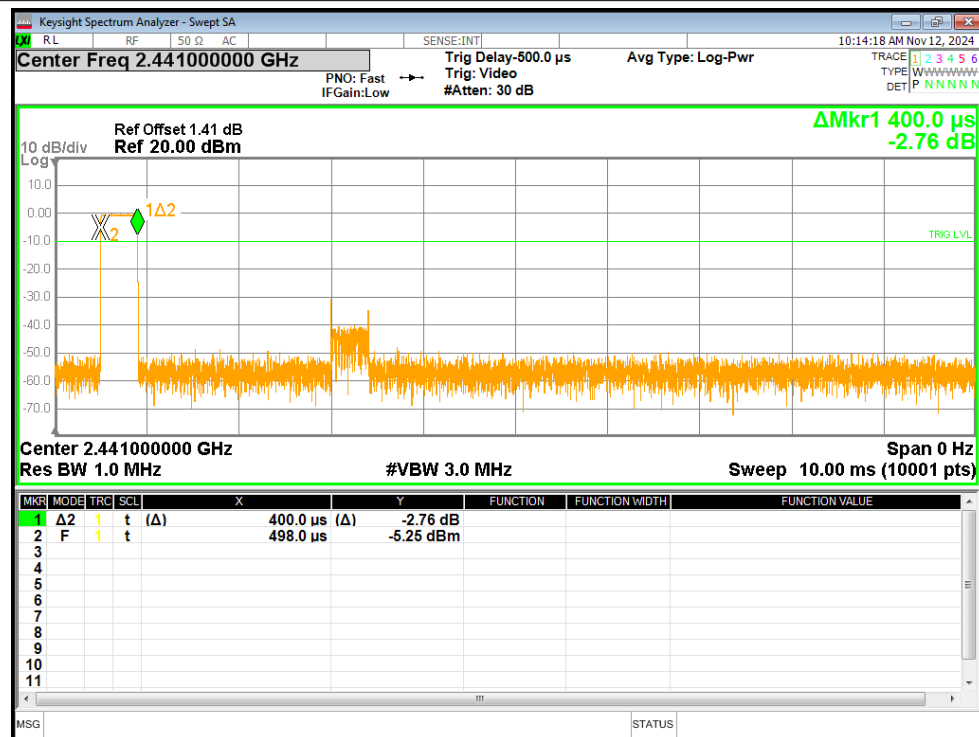
FCC_BT(Part15.247) Test Data

1.Dwell Time

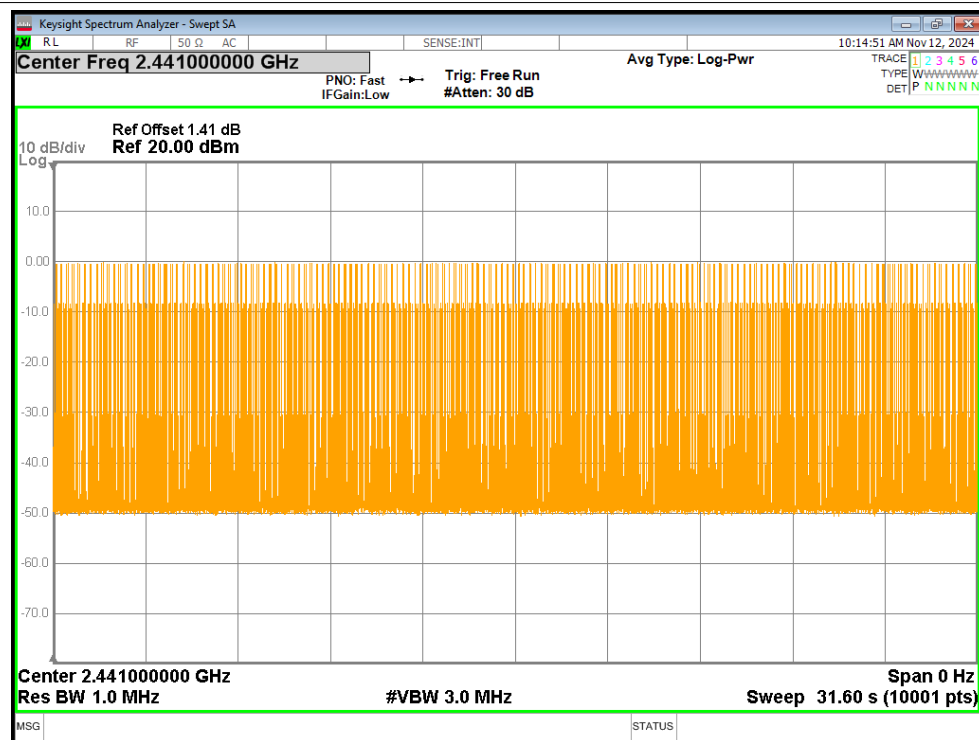
Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
1-DH1	2441	Ant1	0.4	127.2	318	31600	400	Pass
1-DH3	2441	Ant1	1.654	267.948	162	31600	400	Pass
1-DH5	2441	Ant1	2.905	310.835	107	31600	400	Pass
2-DH1	2441	Ant1	0.41	130.38	318	31600	400	Pass
2-DH3	2441	Ant1	1.643	233.306	142	31600	400	Pass
2-DH5	2441	Ant1	2.908	302.432	104	31600	400	Pass
3-DH1	2441	Ant1	0.41	131.2	320	31600	400	Pass
3-DH3	2441	Ant1	1.657	261.806	158	31600	400	Pass
3-DH5	2441	Ant1	2.908	319.88	110	31600	400	Pass

Test Graphs

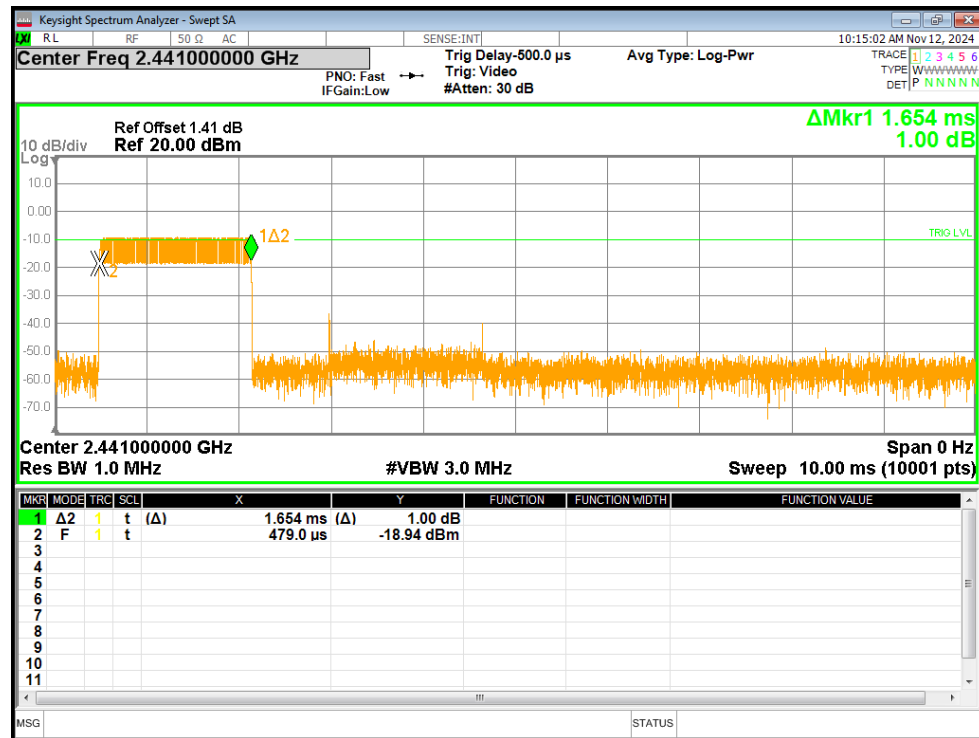
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



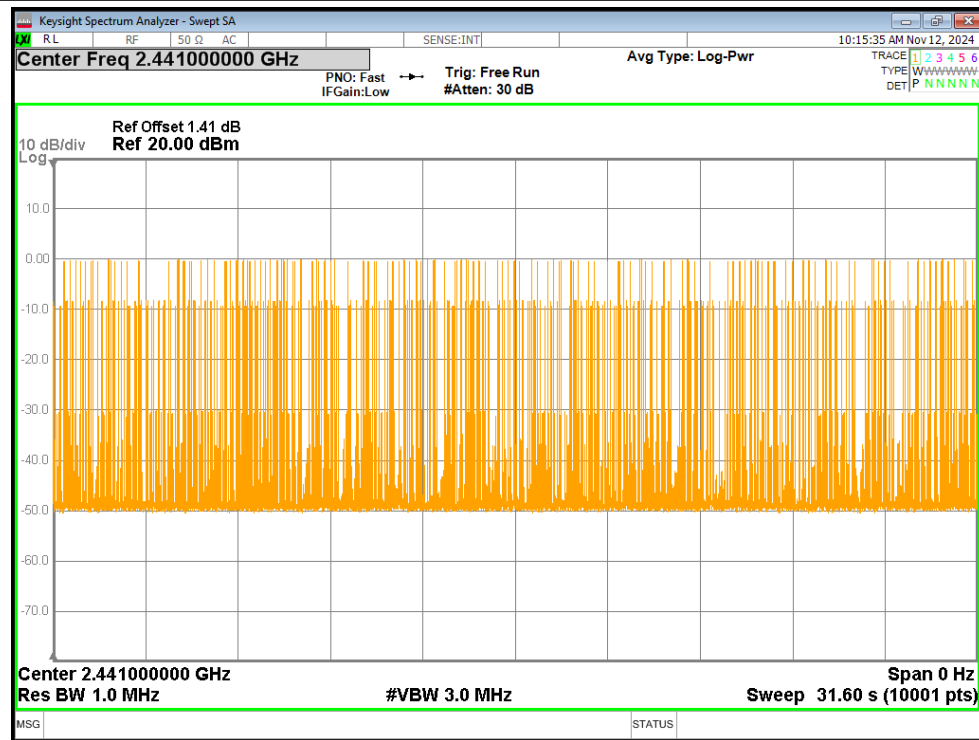
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



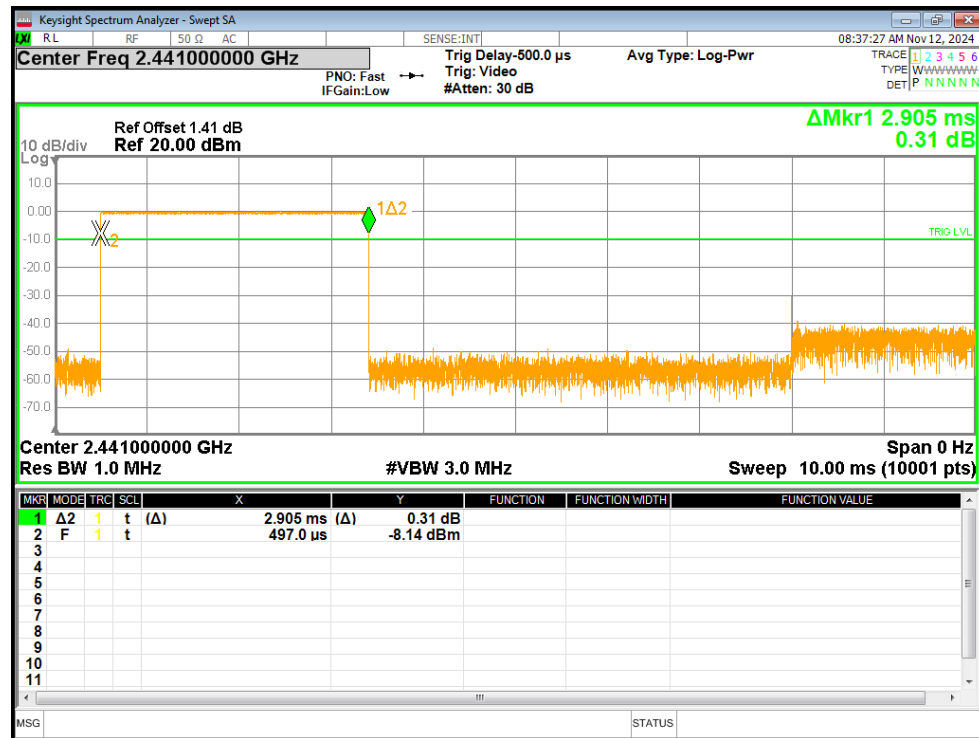
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



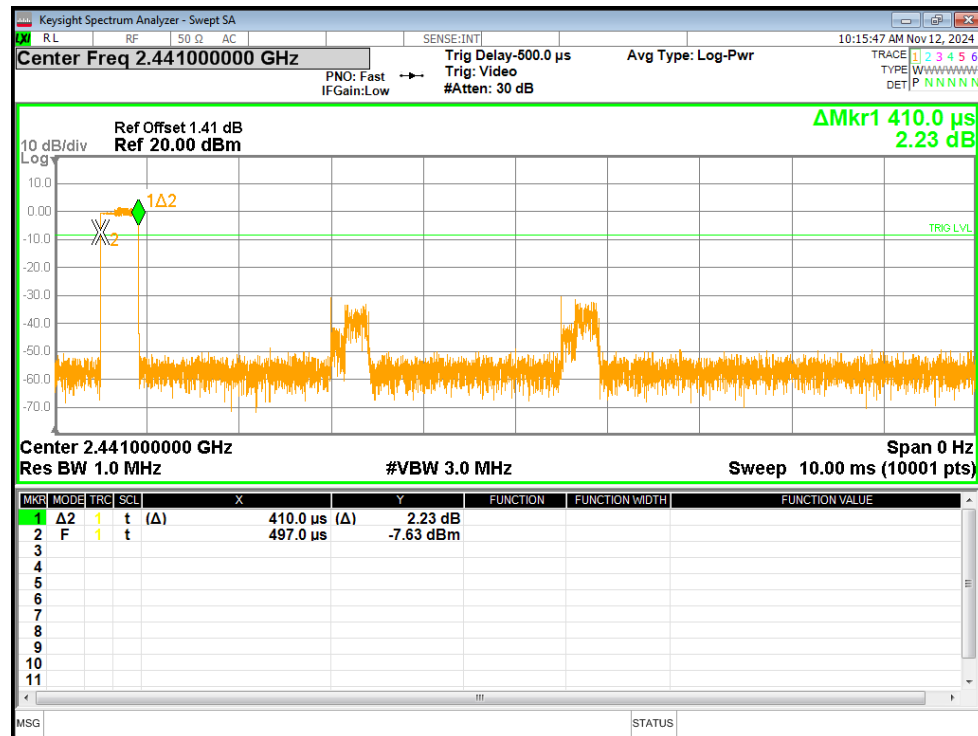
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



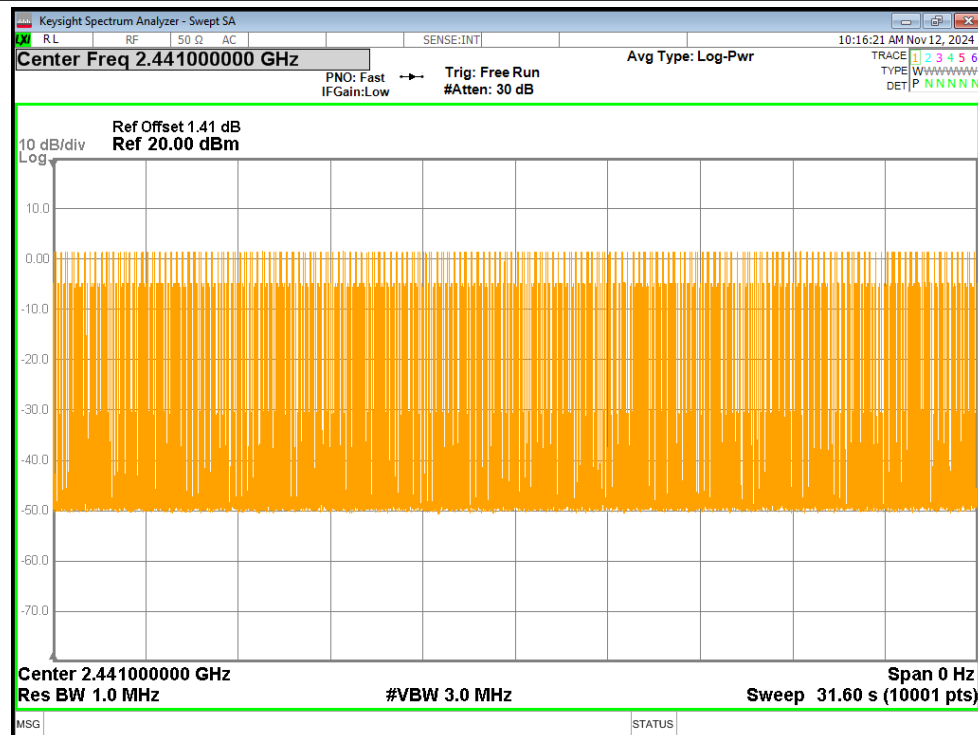
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



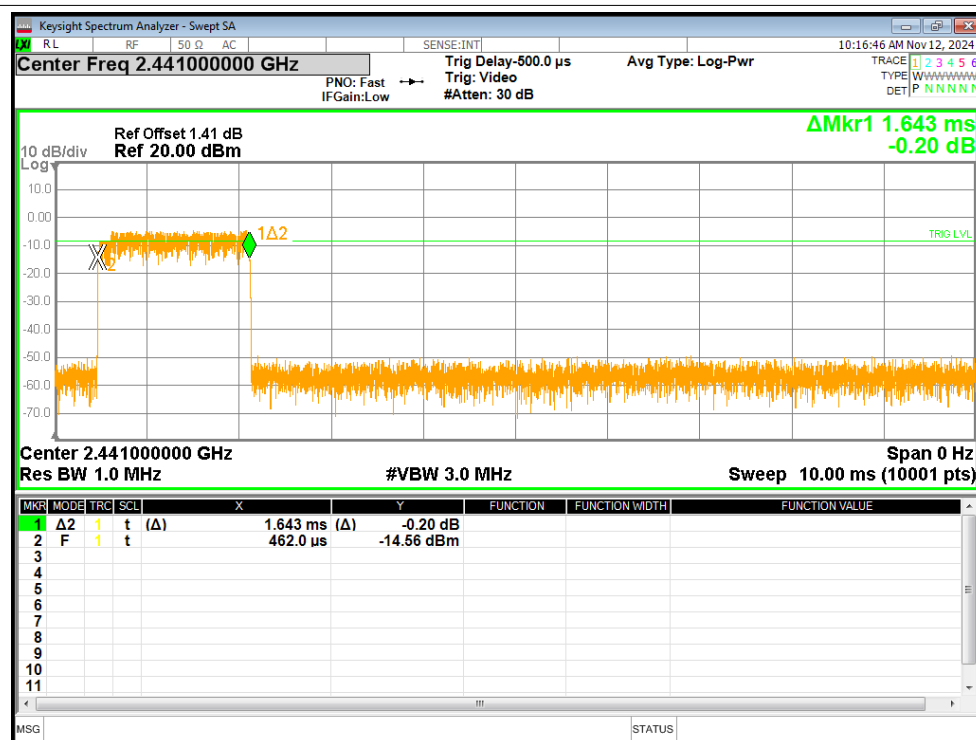
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



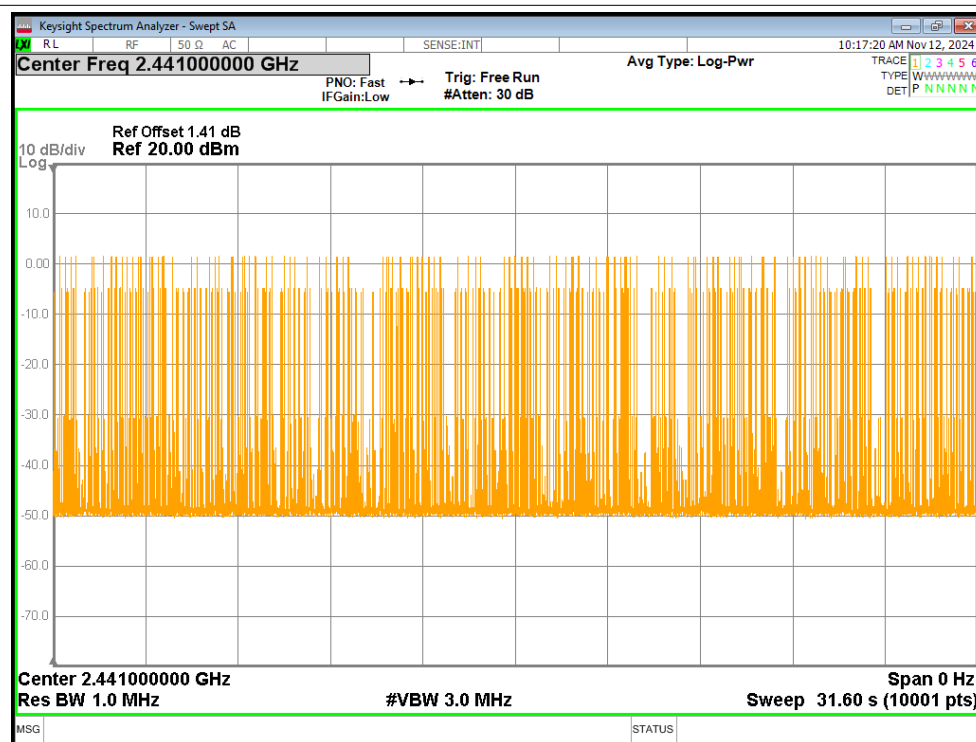
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



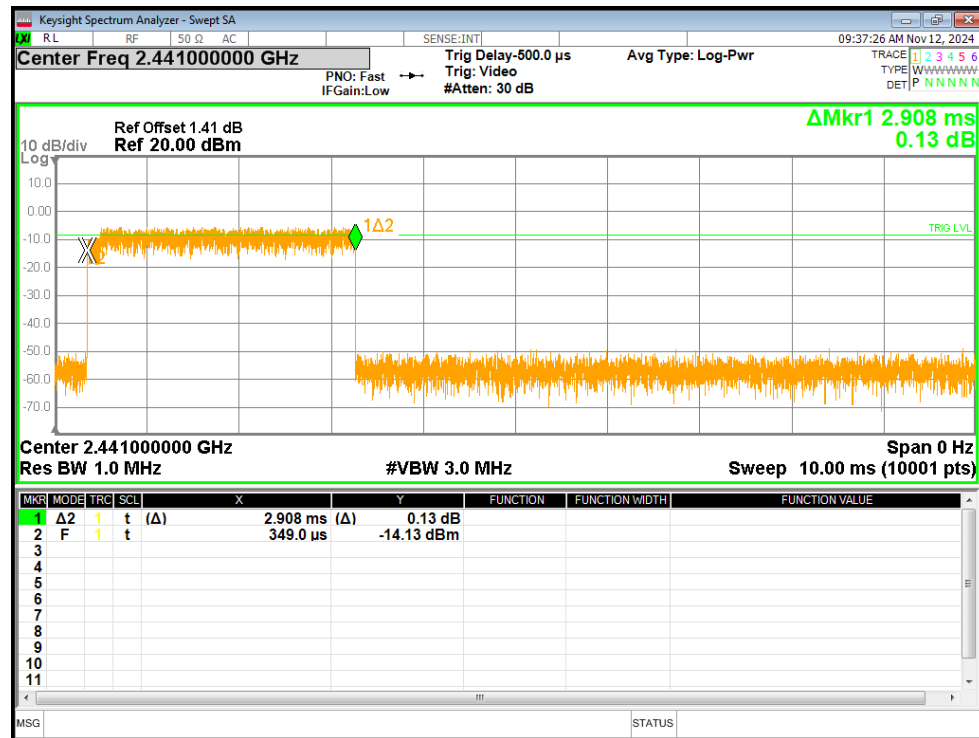
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



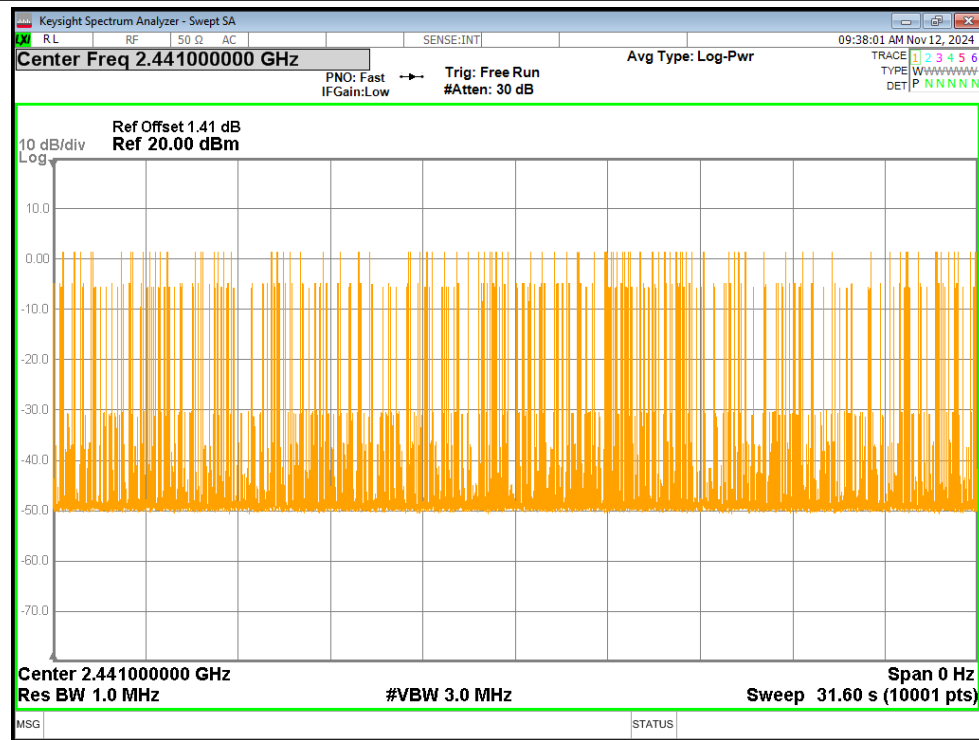
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



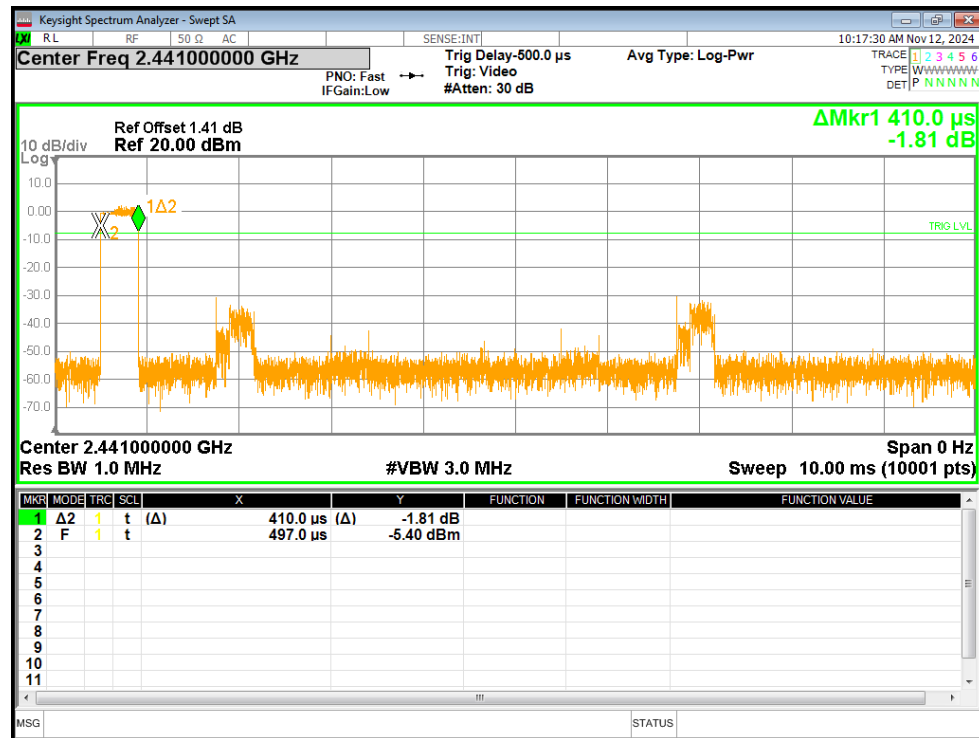
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



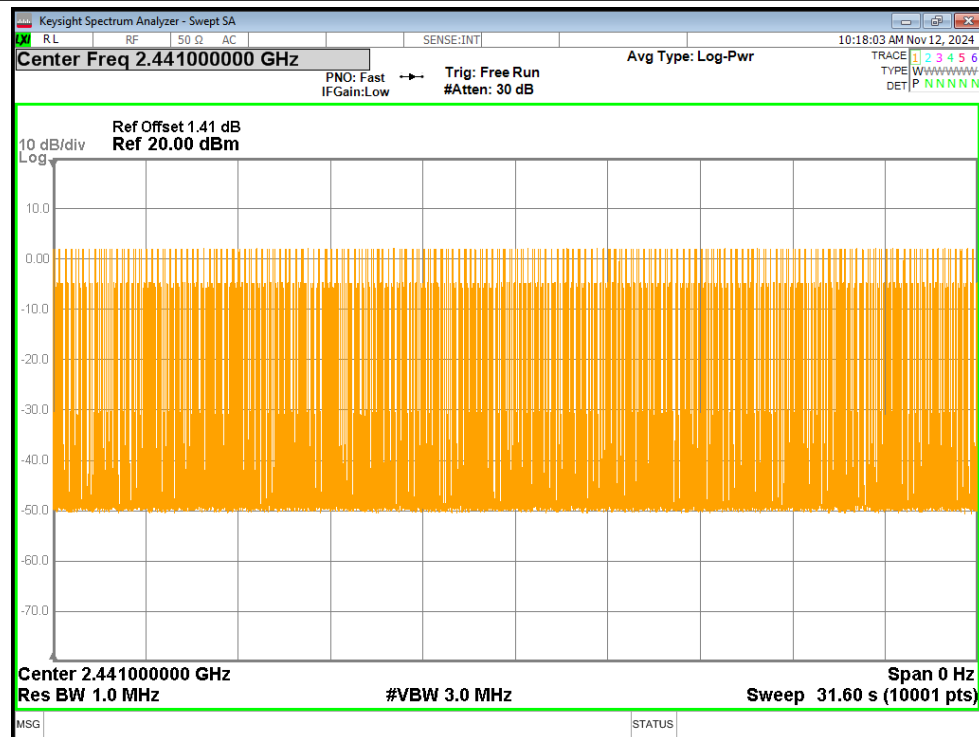
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



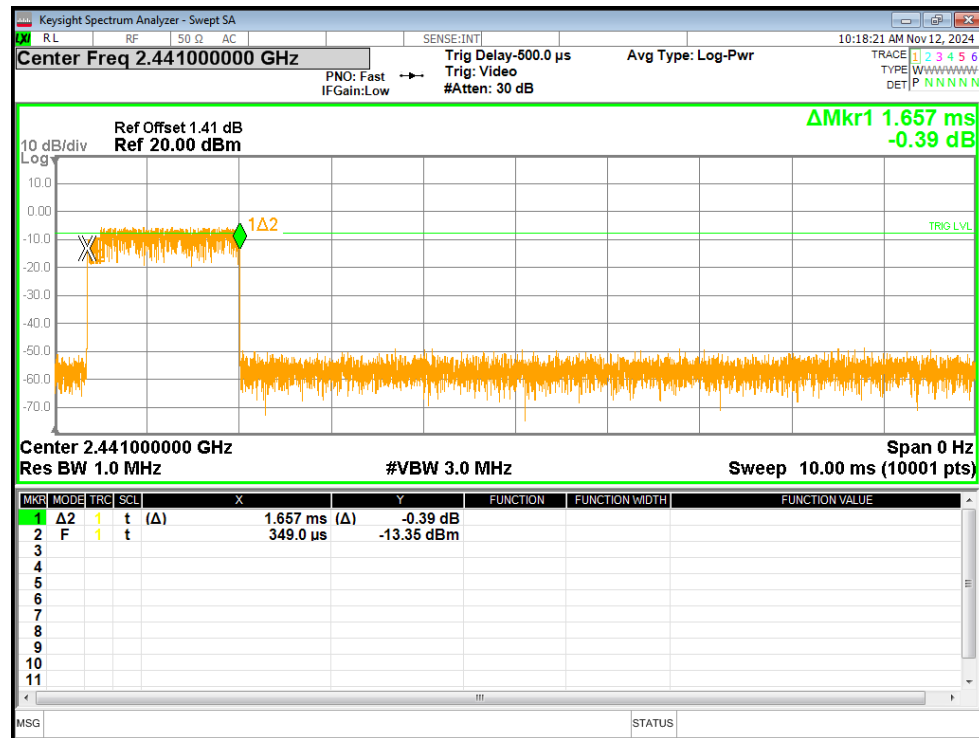
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



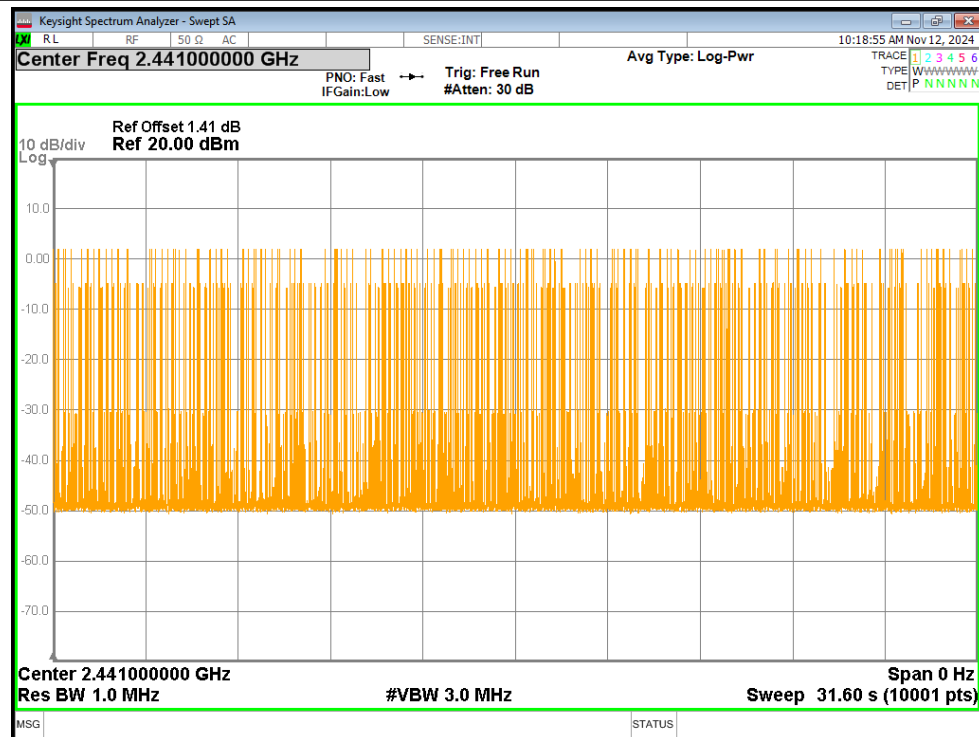
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



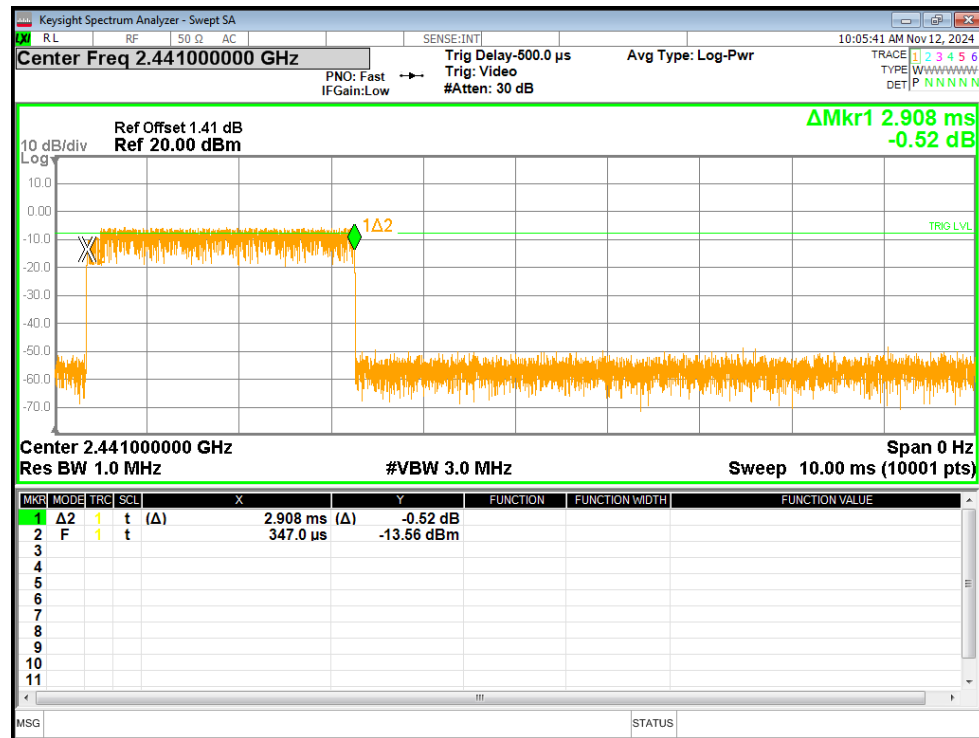
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



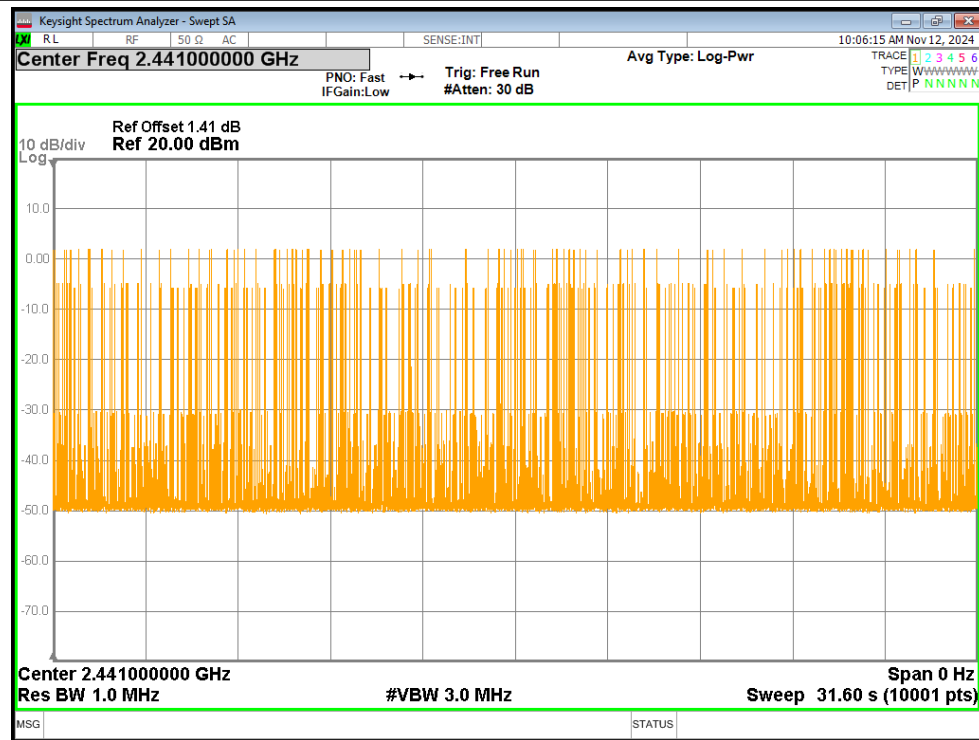
Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

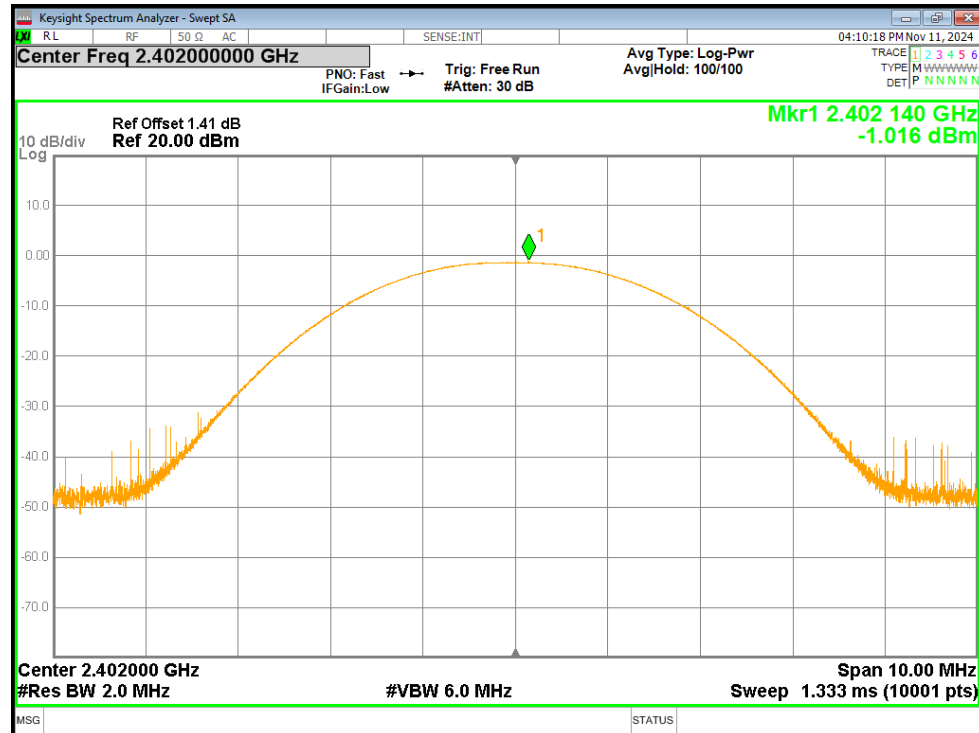


2.Maximum Peak Conducted Output Power

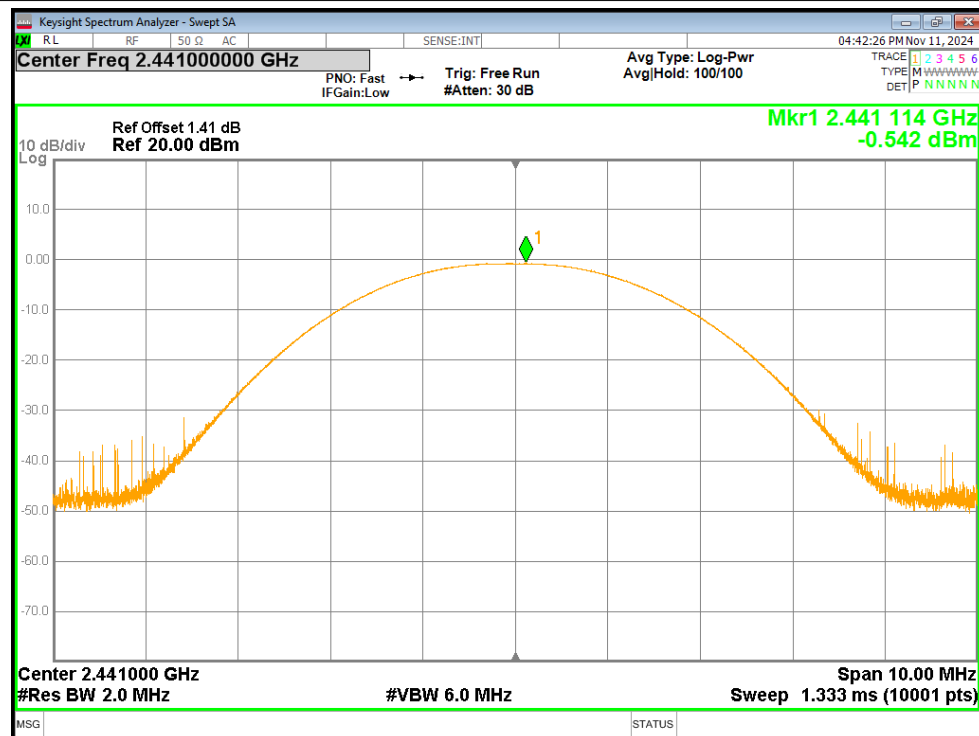
Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
1-DH5	2402	Ant1	-1.02	21	Pass
1-DH5	2441	Ant1	-0.54	21	Pass
1-DH5	2480	Ant1	-0.77	21	Pass
2-DH5	2402	Ant1	1.11	21	Pass
2-DH5	2441	Ant1	1.84	21	Pass
2-DH5	2480	Ant1	1.86	21	Pass
3-DH5	2402	Ant1	1.63	21	Pass
3-DH5	2441	Ant1	2.43	21	Pass
3-DH5	2480	Ant1	2.5	21	Pass

Test Graphs

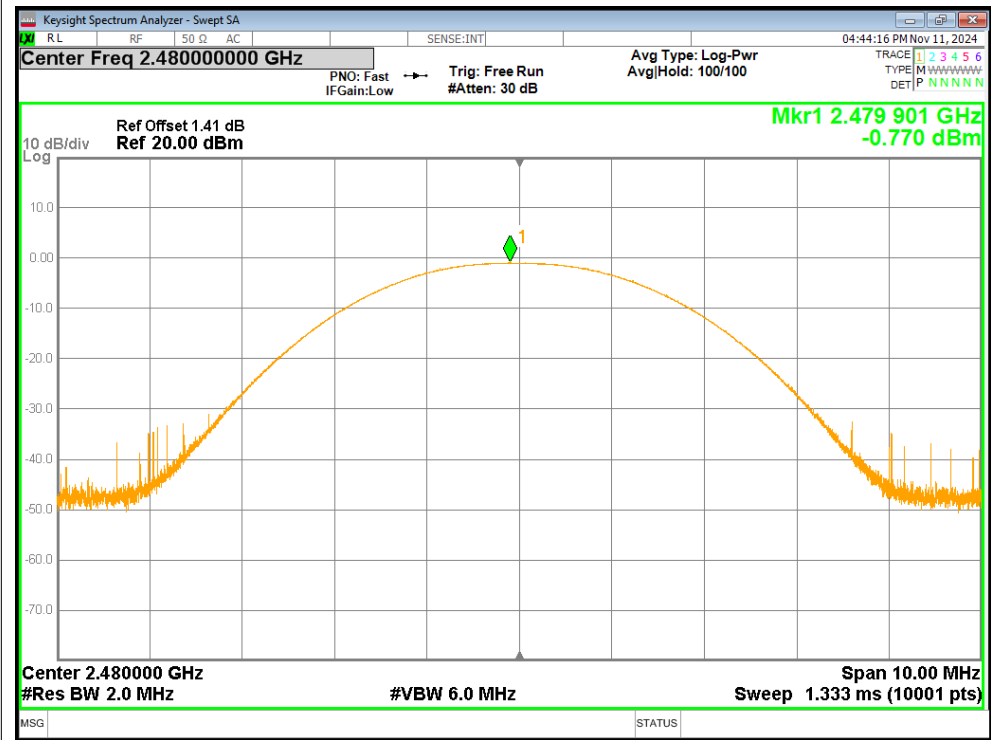
Peak Power NVNT 1-DH5 2402MHz Ant1



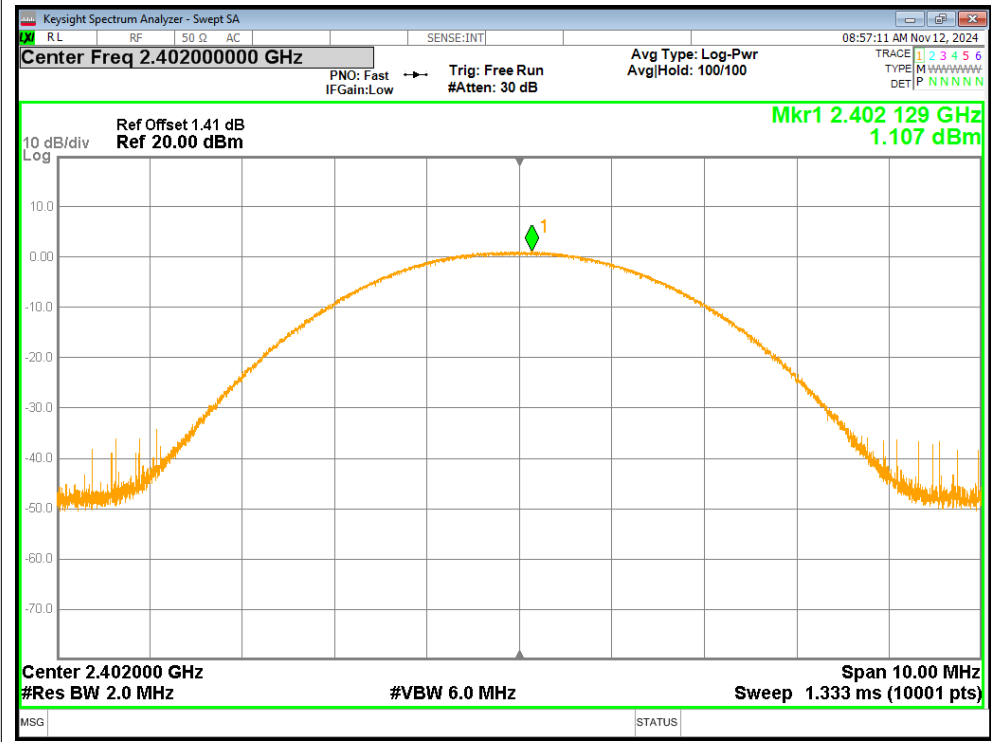
Peak Power NVNT 1-DH5 2441MHz Ant1



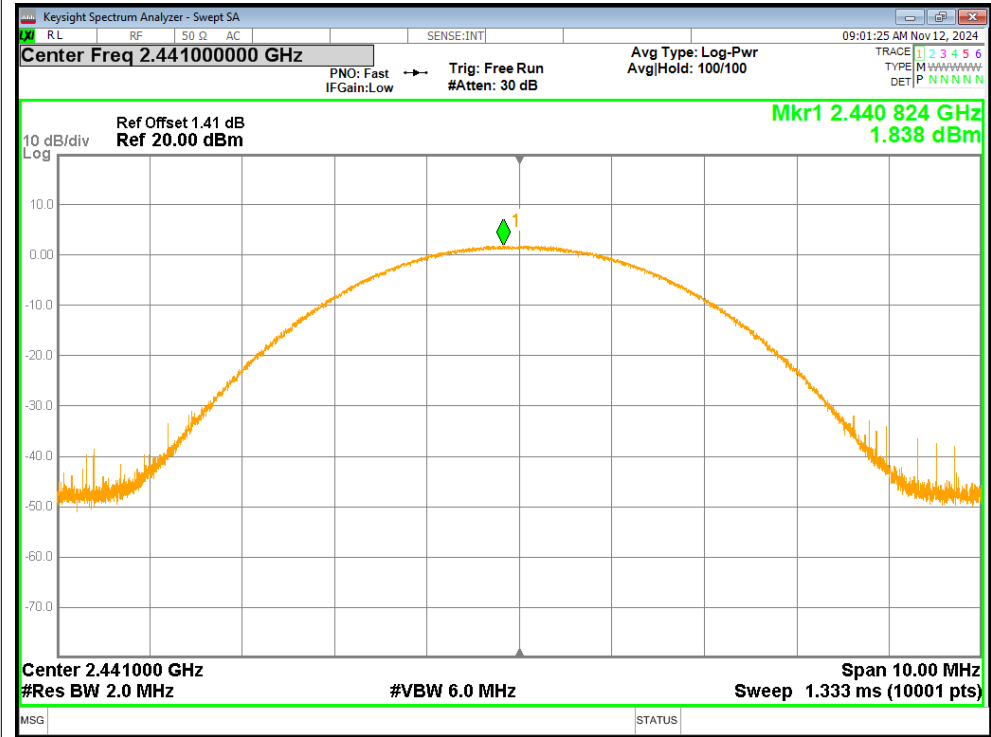
Peak Power NVNT 1-DH5 2480MHz Ant1



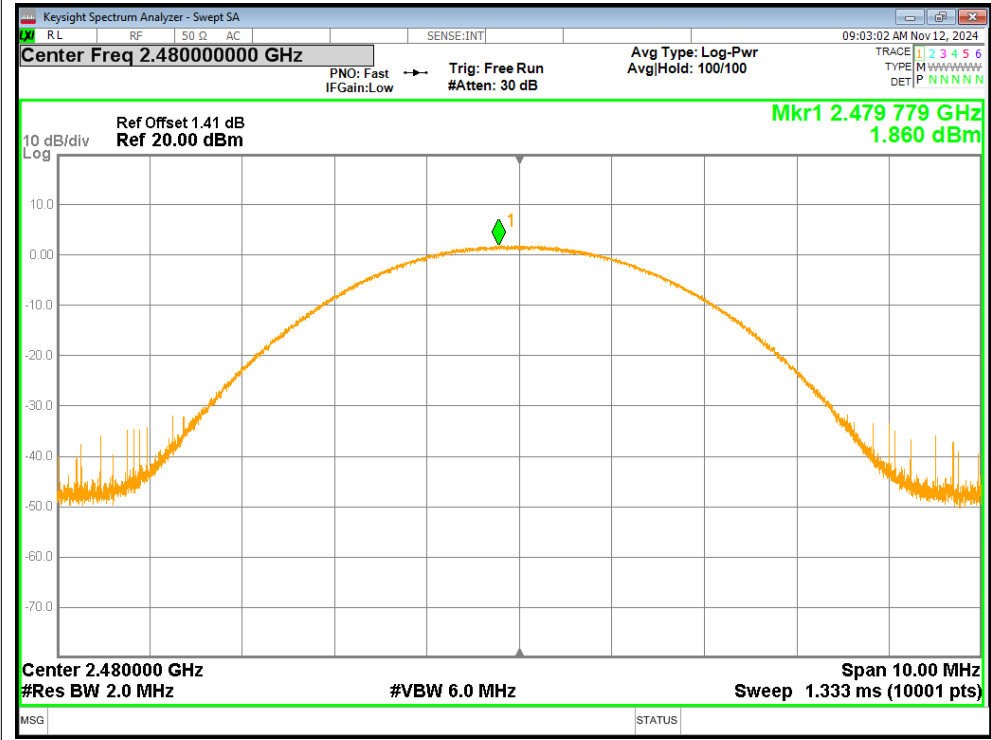
Peak Power NVNT 2-DH5 2402MHz Ant1



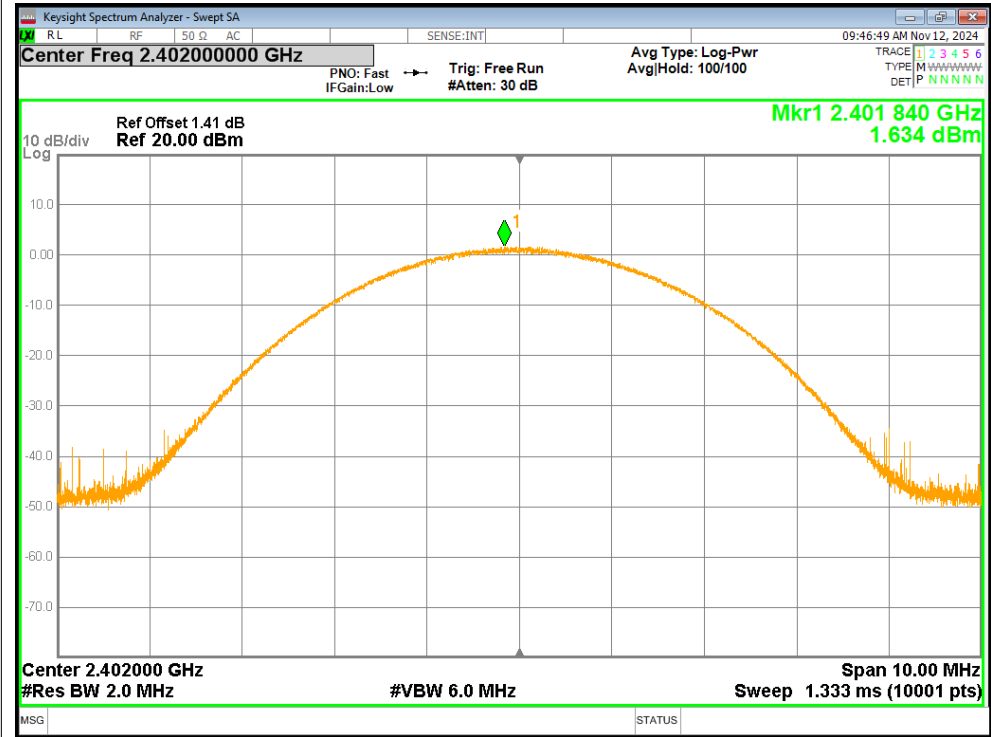
Peak Power NVNT 2-DH5 2441MHz Ant1



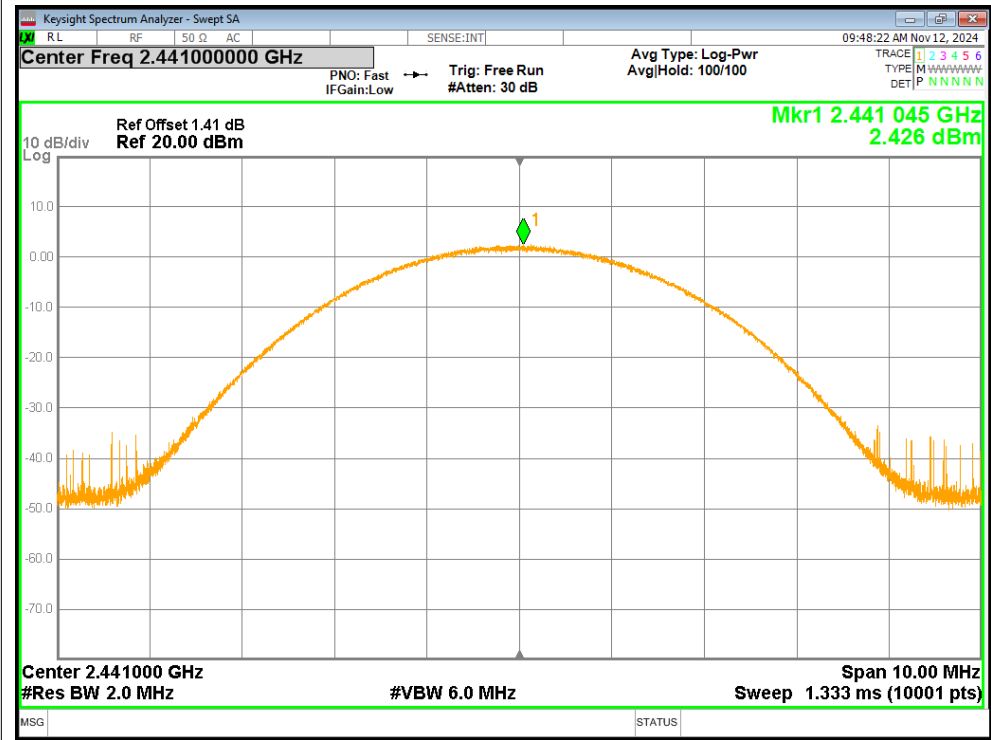
Peak Power NVNT 2-DH5 2480MHz Ant1



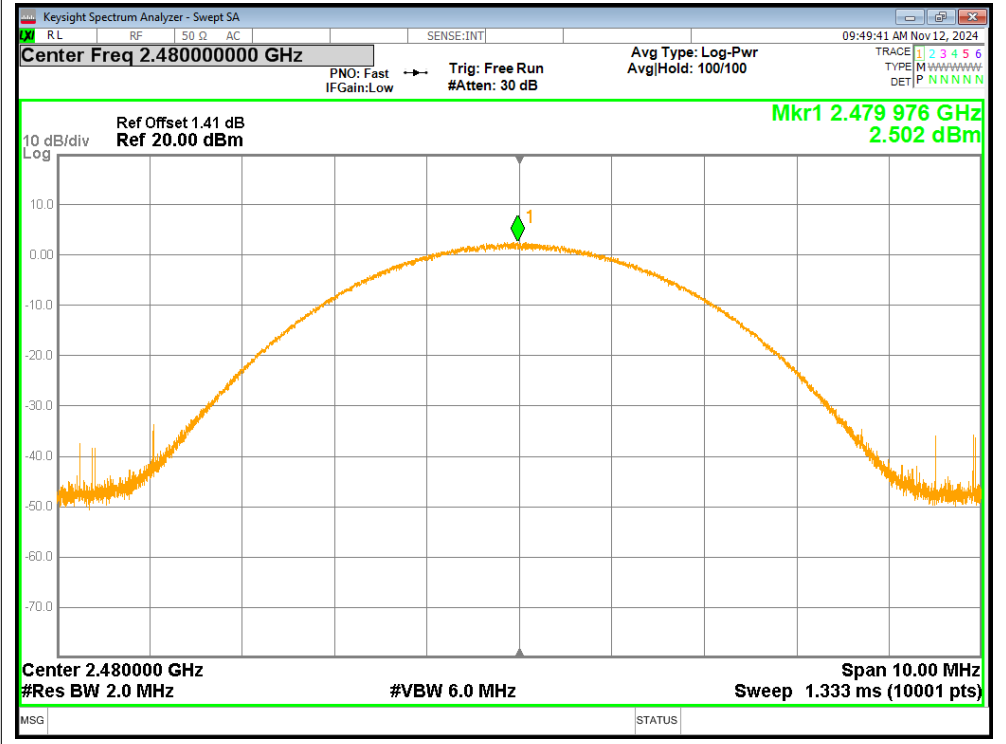
Peak Power NVNT 3-DH5 2402MHz Ant1



Peak Power NVNT 3-DH5 2441MHz Ant1



Peak Power NVNT 3-DH5 2480MHz Ant1

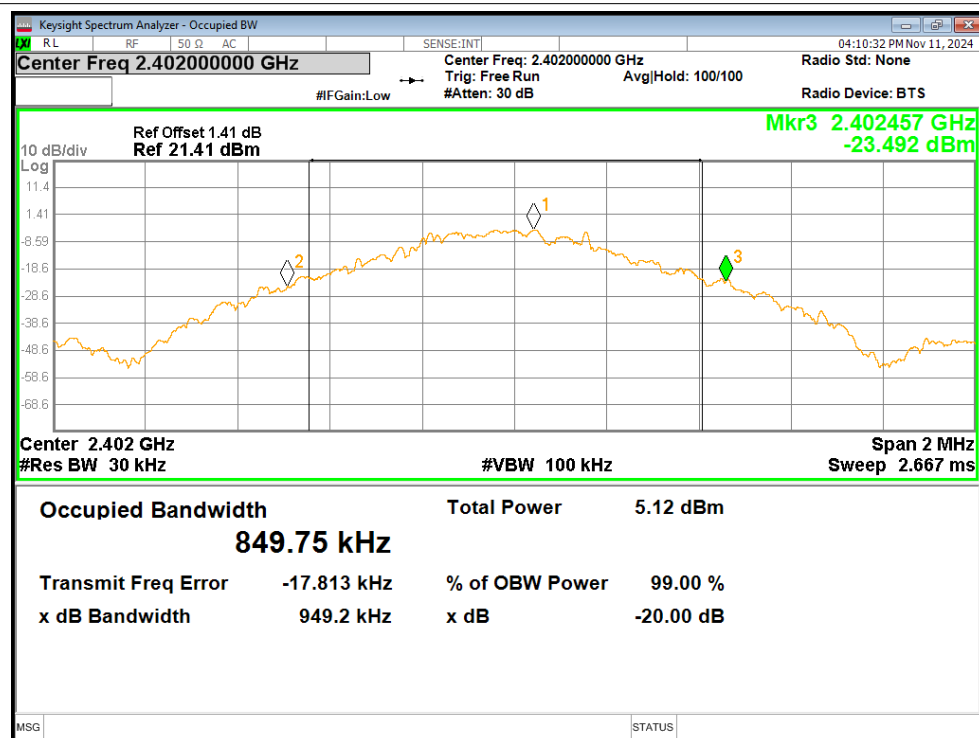


3.-20dB Bandwidth

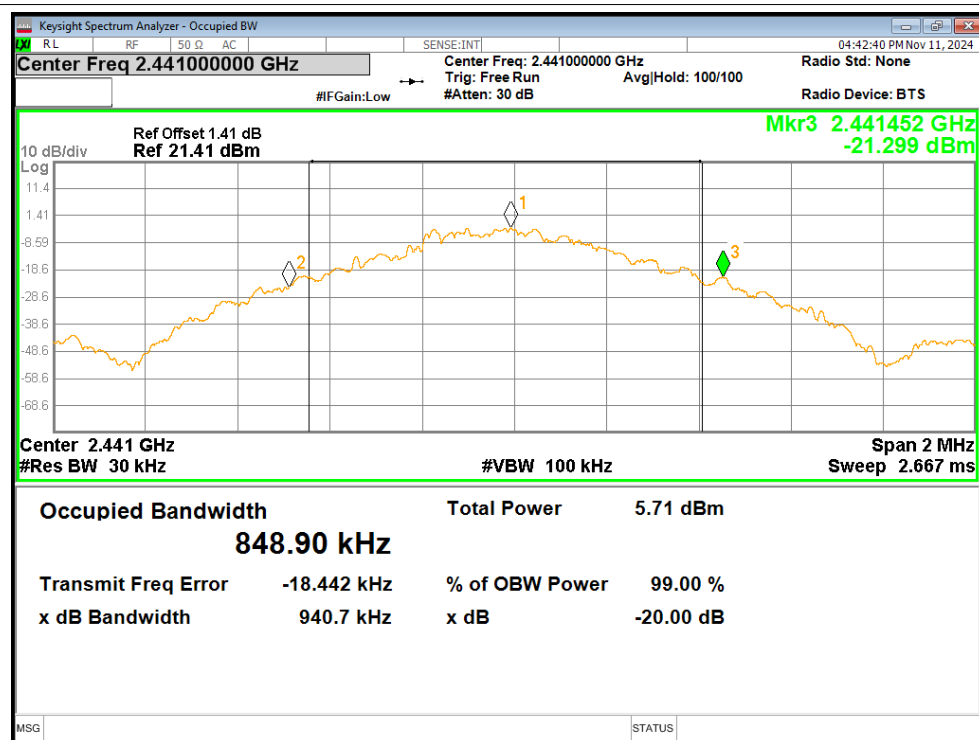
Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
1-DH5	2402	Ant1	0.949	Pass
1-DH5	2441	Ant1	0.941	Pass
1-DH5	2480	Ant1	0.954	Pass
2-DH5	2402	Ant1	1.333	Pass
2-DH5	2441	Ant1	1.318	Pass
2-DH5	2480	Ant1	1.314	Pass
3-DH5	2402	Ant1	1.297	Pass
3-DH5	2441	Ant1	1.299	Pass
3-DH5	2480	Ant1	1.298	Pass

Test Graphs

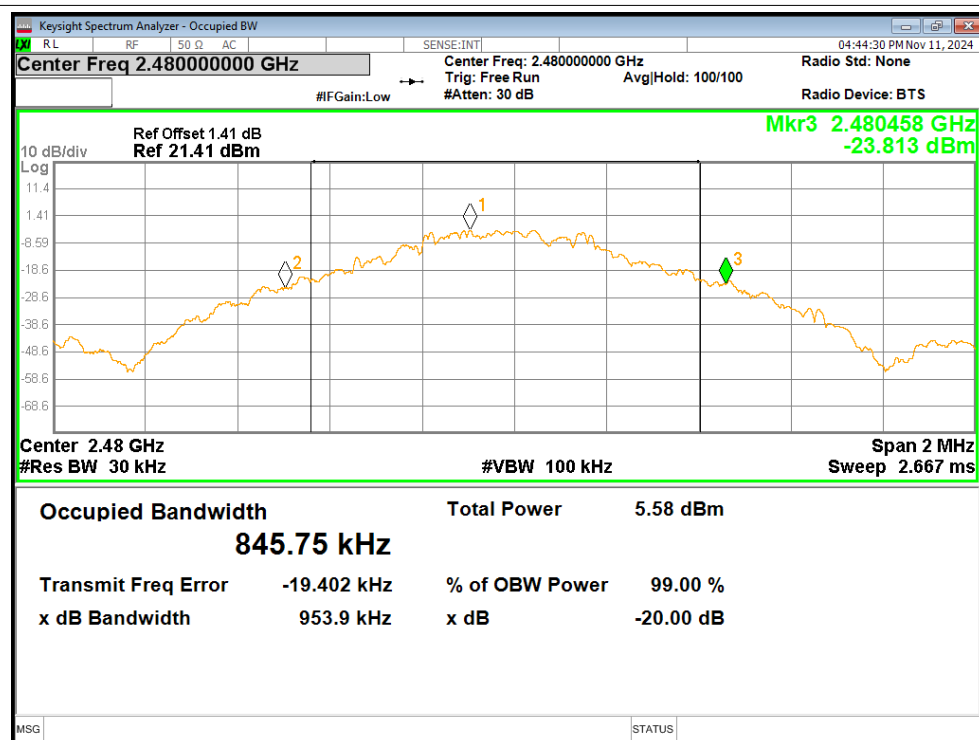
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



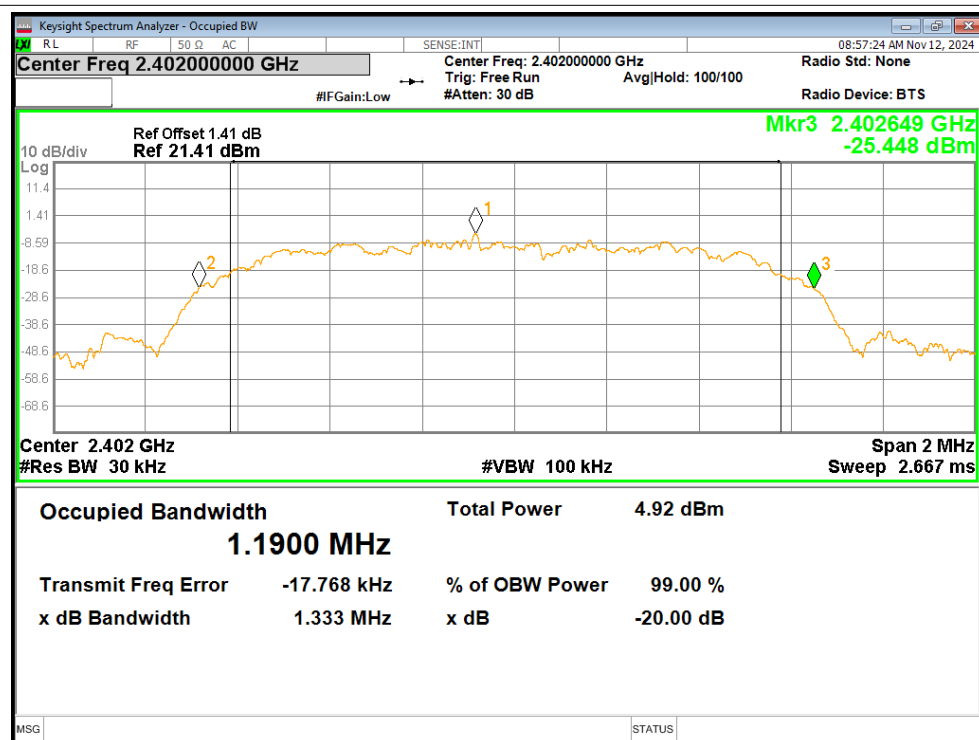
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



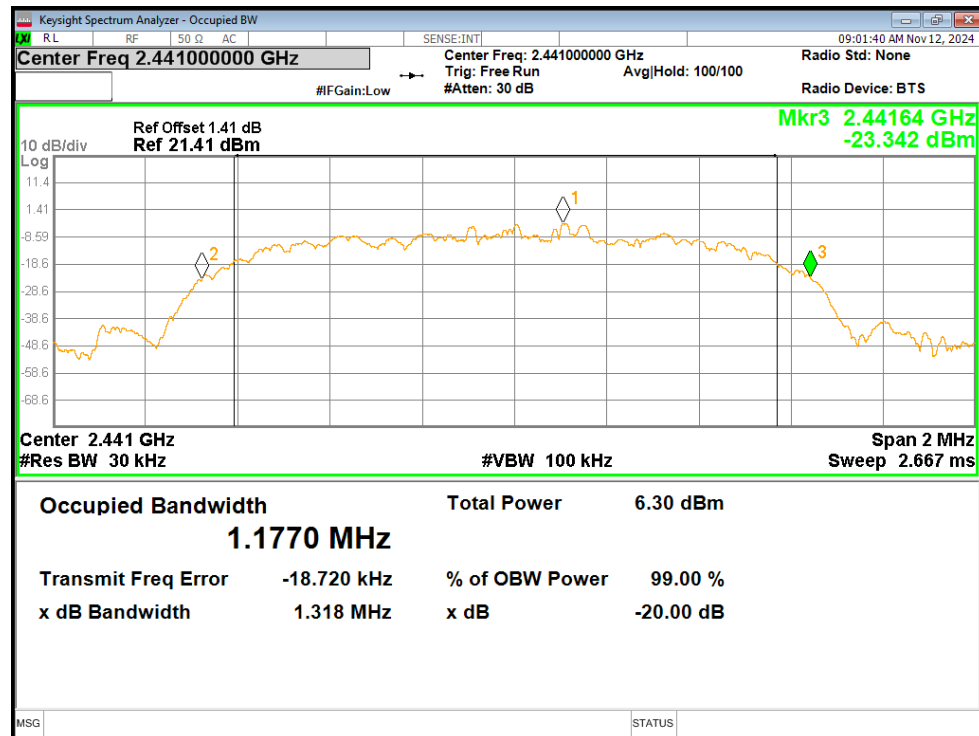
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



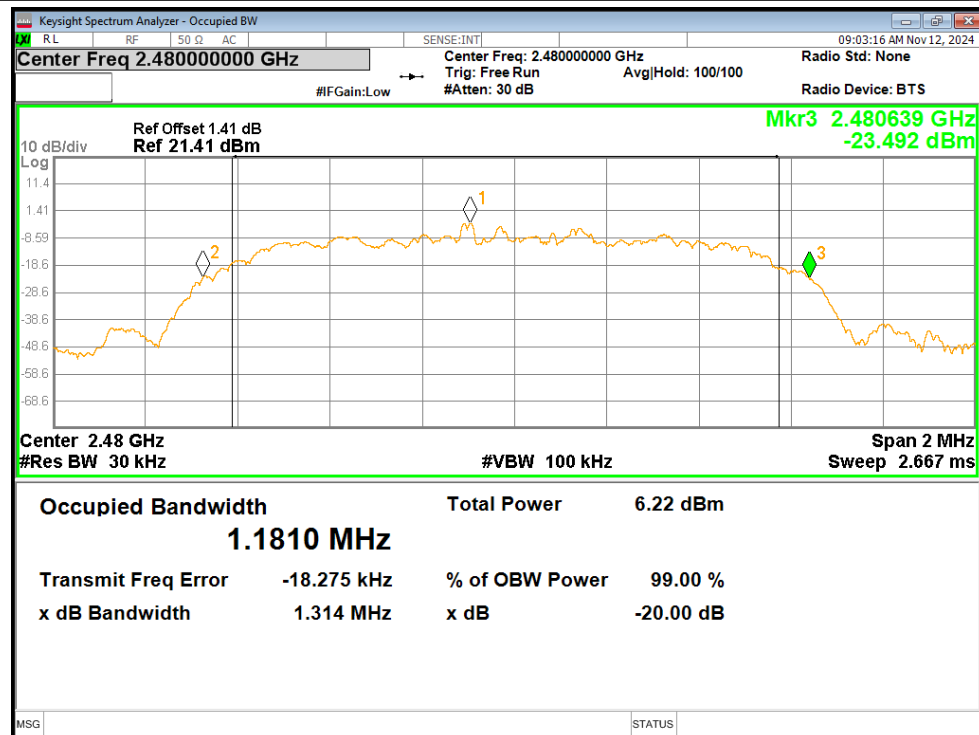
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



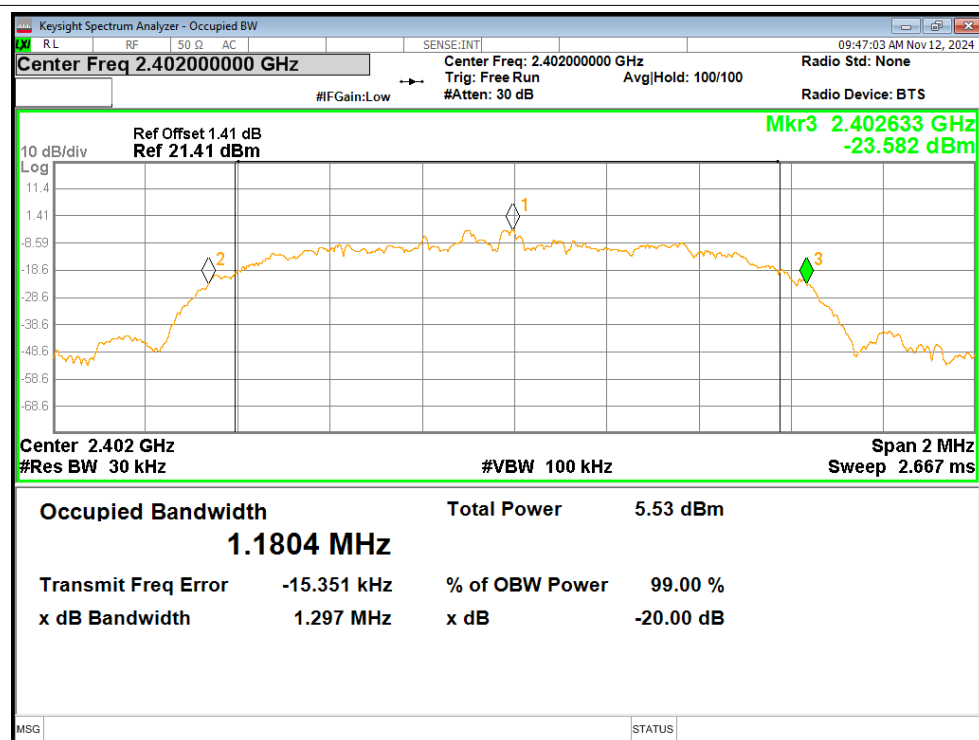
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



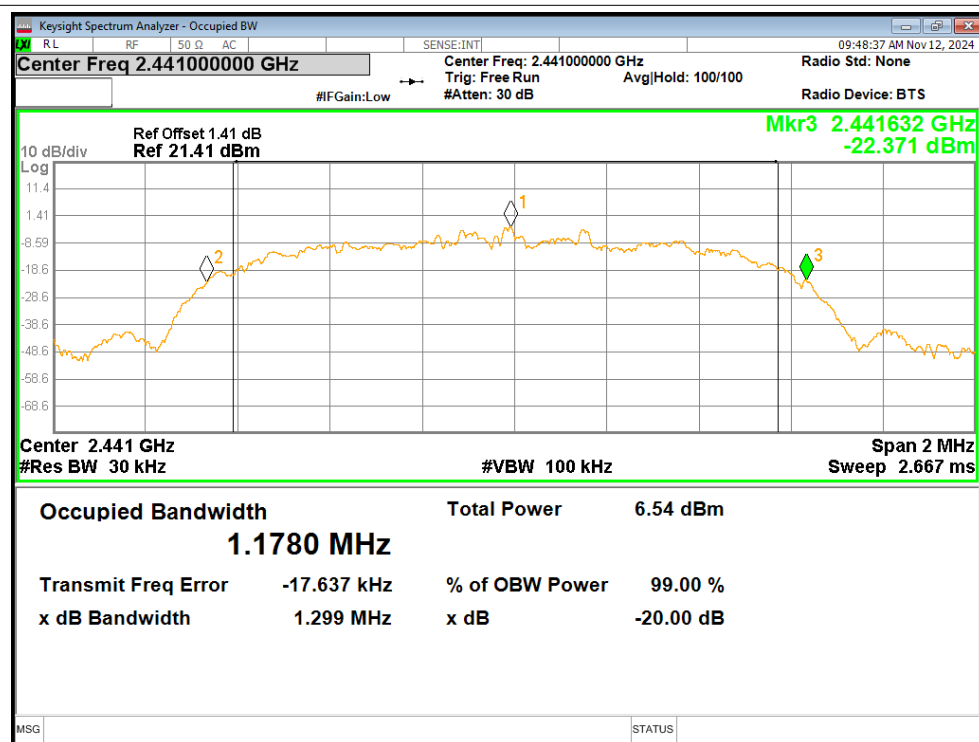
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

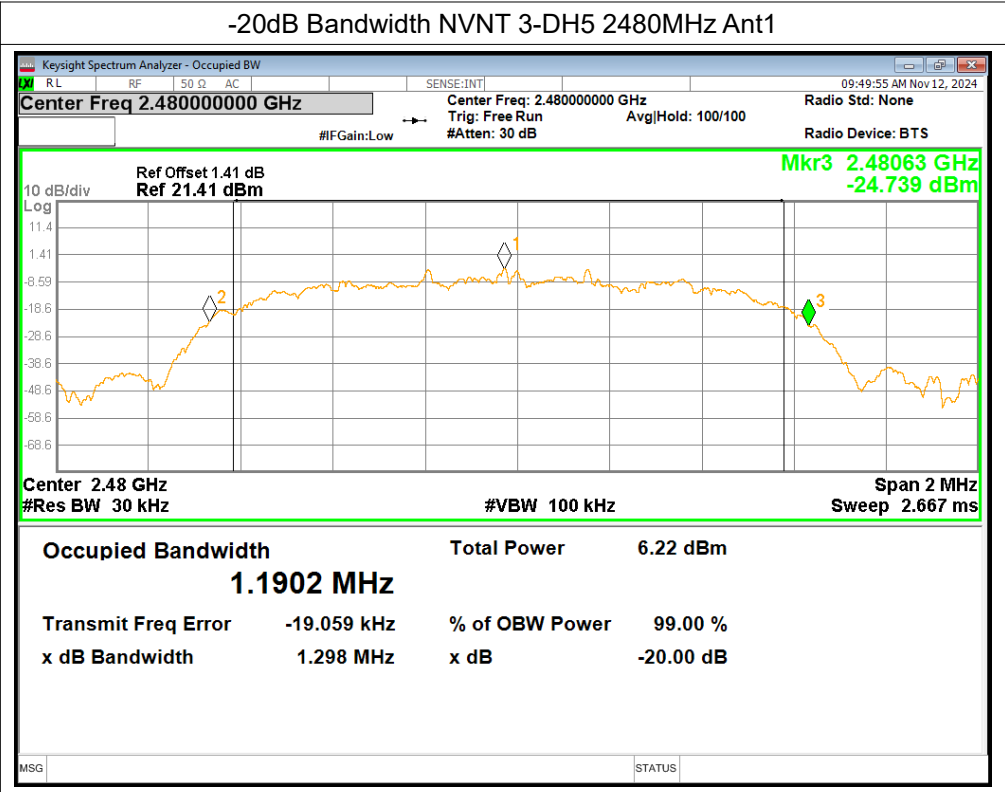


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



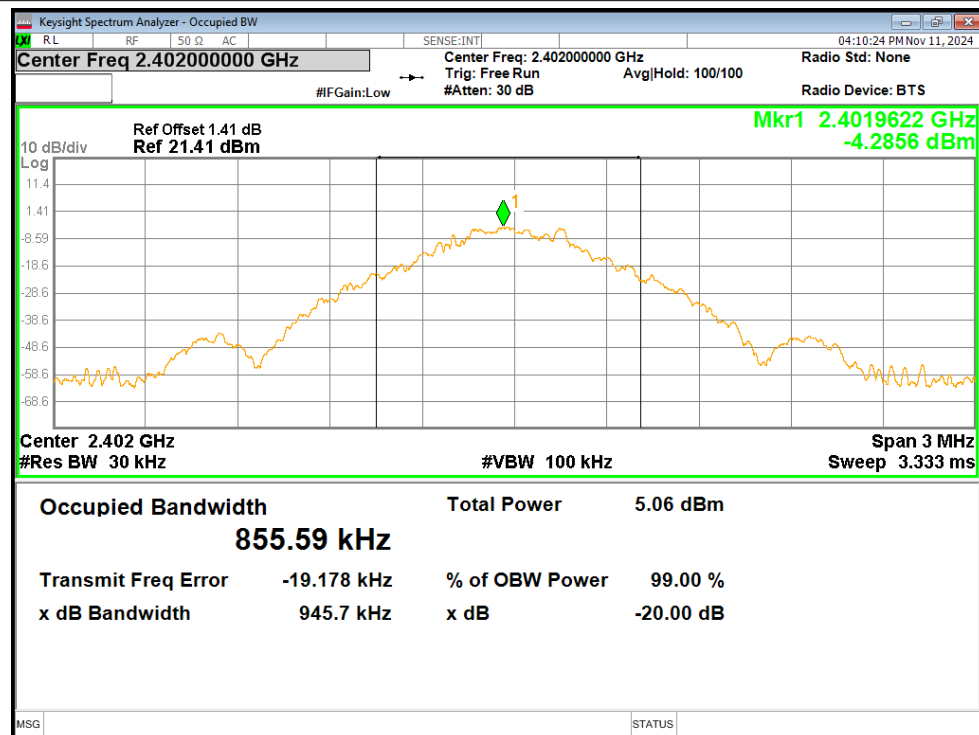


4.Occupied Channel Bandwidth

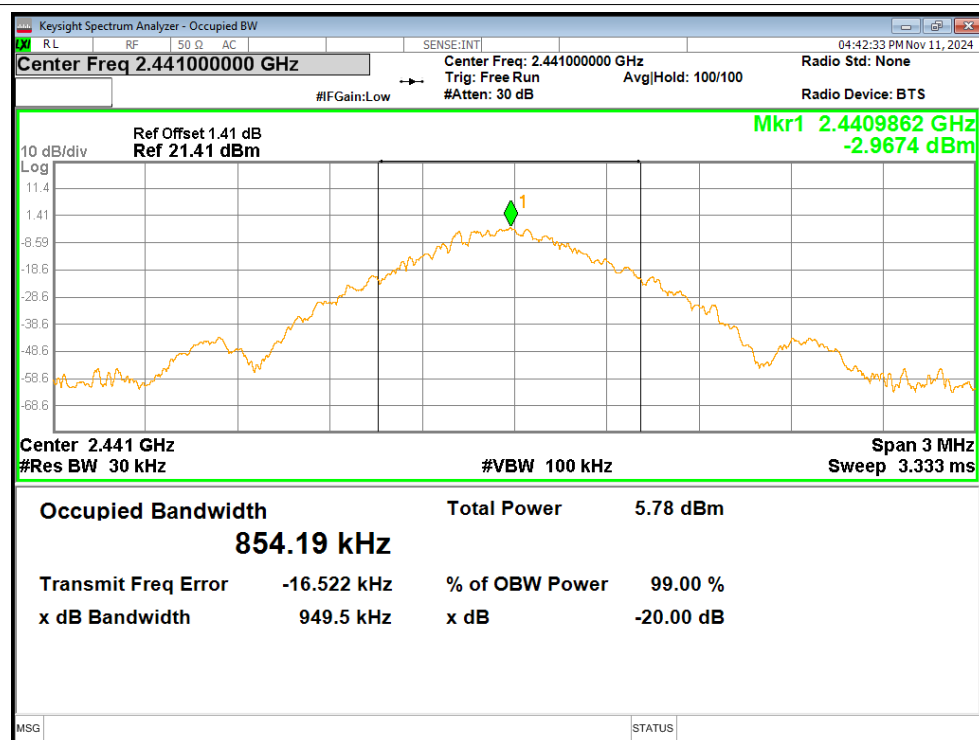
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
1-DH5	2402	Ant1	0.856
1-DH5	2441	Ant1	0.854
1-DH5	2480	Ant1	0.861
2-DH5	2402	Ant1	1.179
2-DH5	2441	Ant1	1.18
2-DH5	2480	Ant1	1.175
3-DH5	2402	Ant1	1.189
3-DH5	2441	Ant1	1.186
3-DH5	2480	Ant1	1.188

Test Graphs

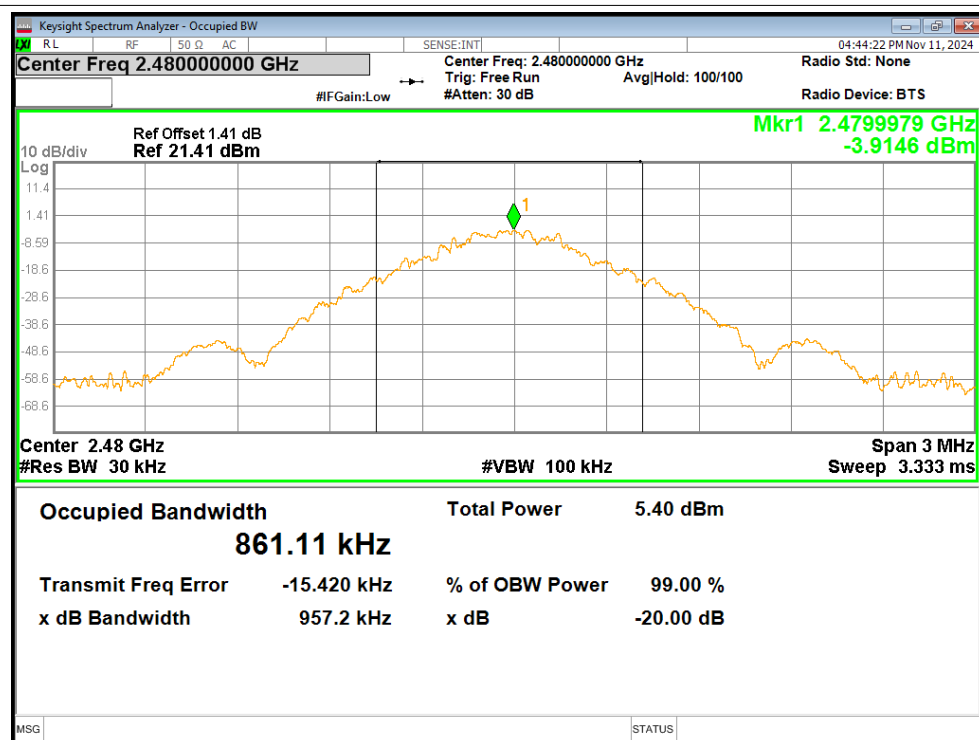
OBW NVNT 1-DH5 2402MHz Ant1



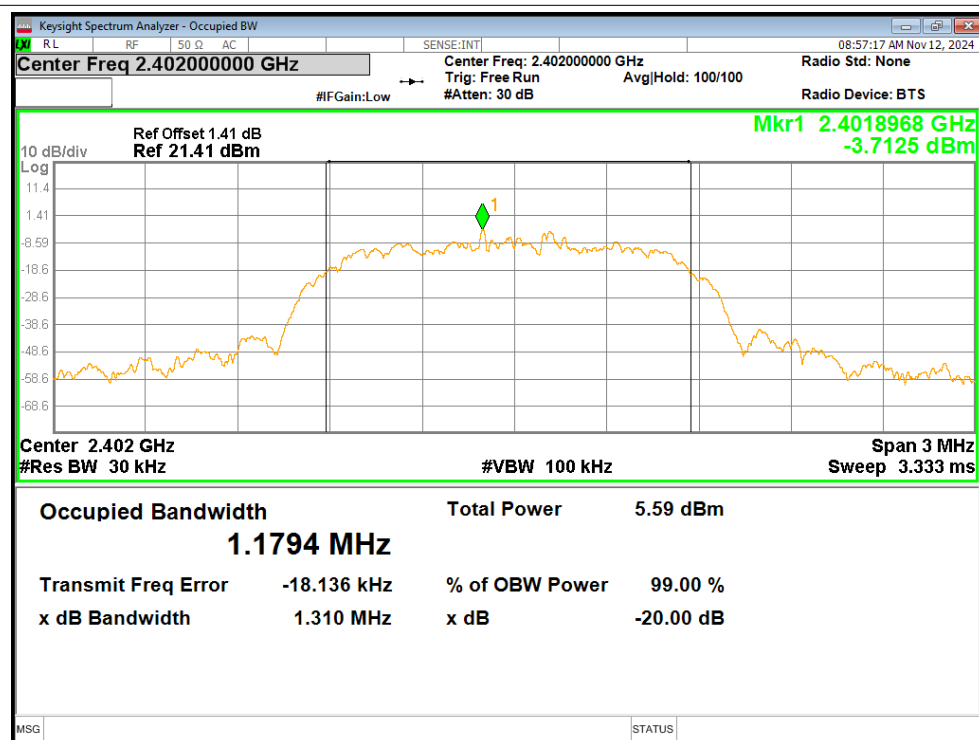
OBW NVNT 1-DH5 2441MHz Ant1



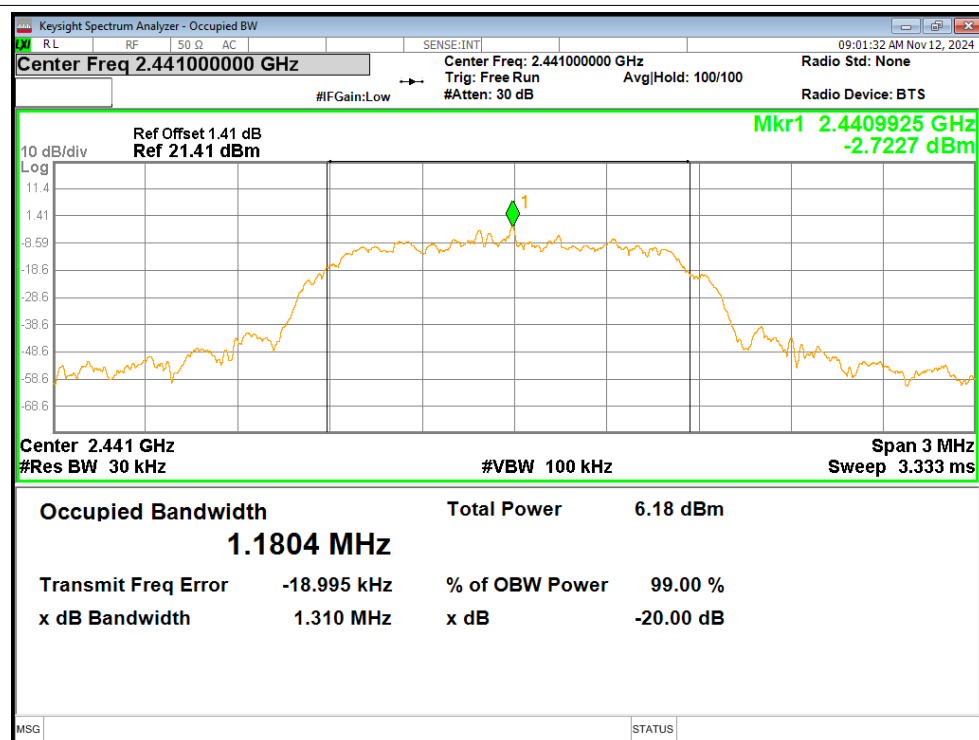
OBW NVNT 1-DH5 2480MHz Ant1



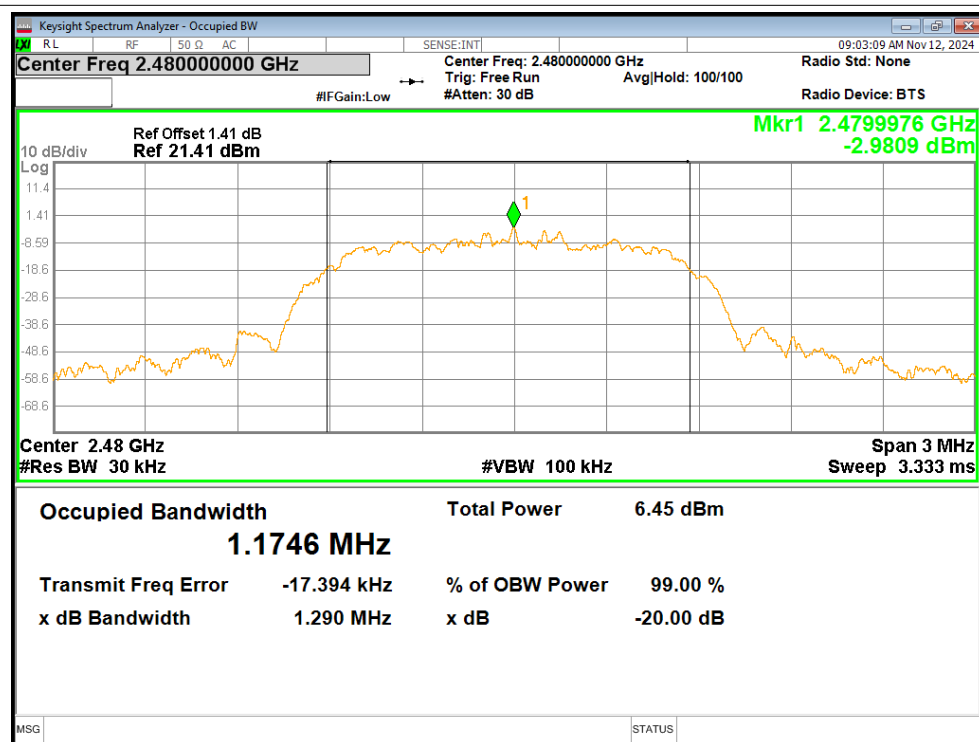
OBW NVNT 2-DH5 2402MHz Ant1



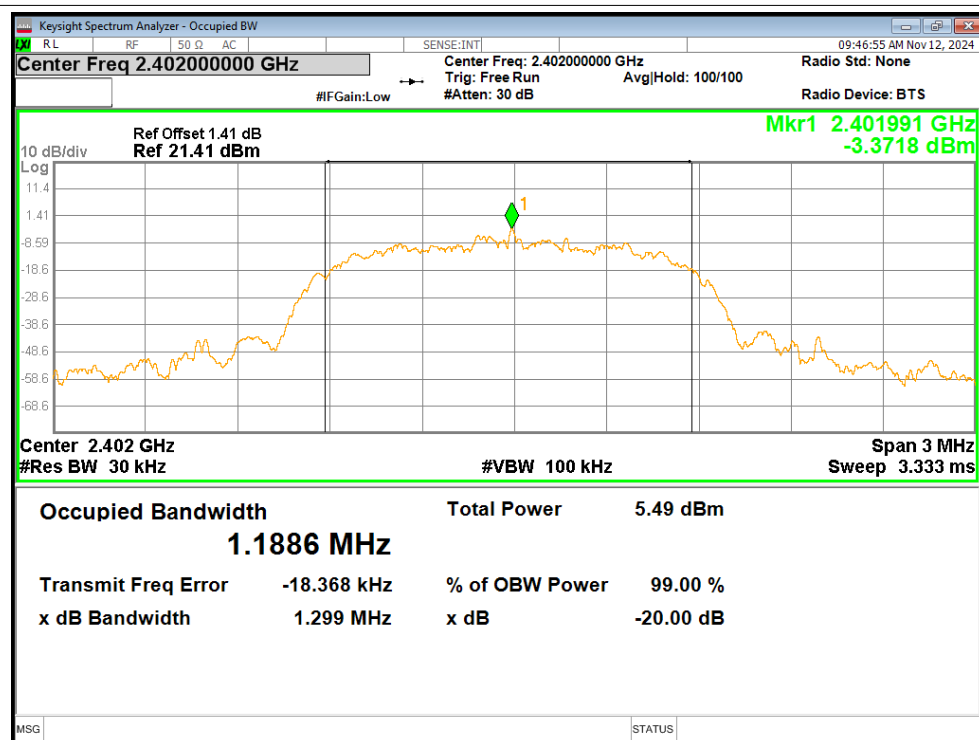
OBW NVNT 2-DH5 2441MHz Ant1



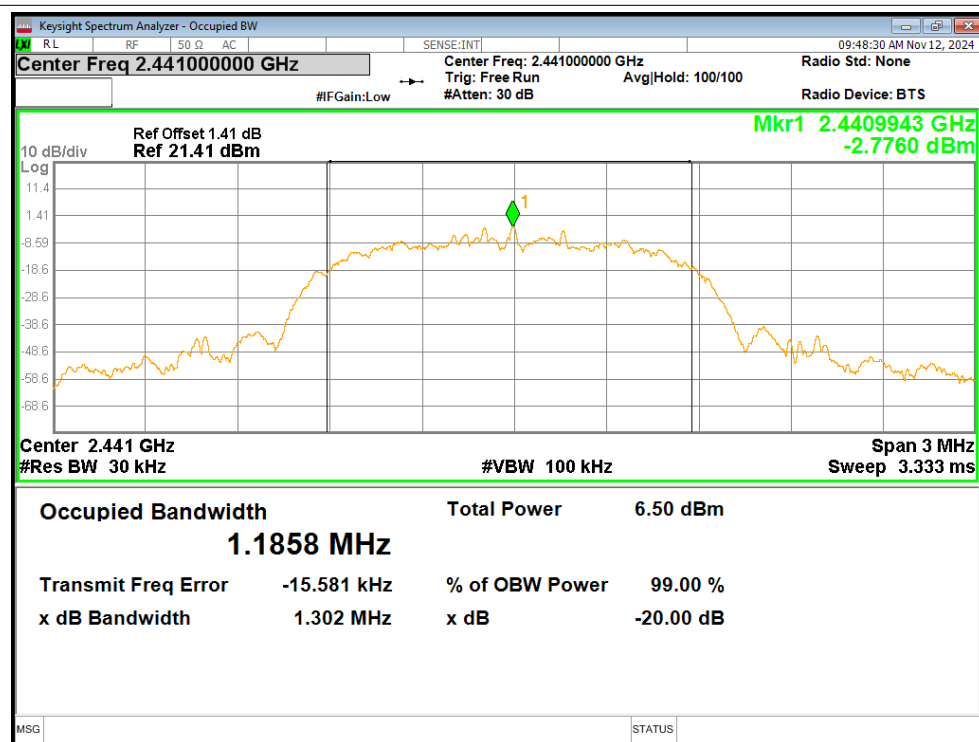
OBW NVNT 2-DH5 2480MHz Ant1



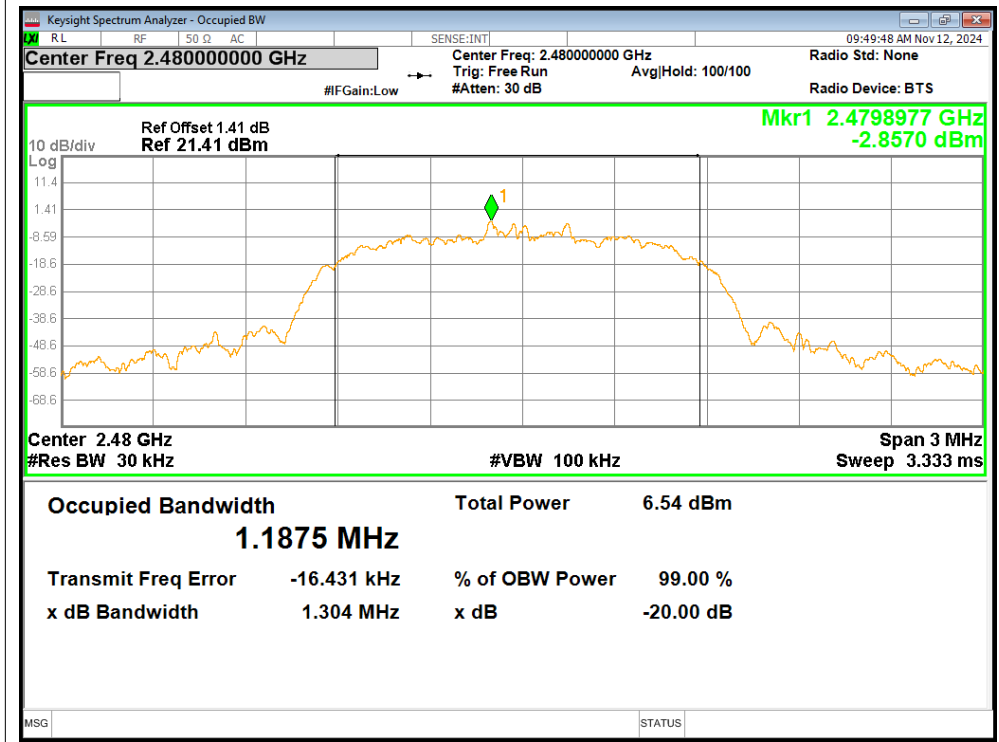
OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1

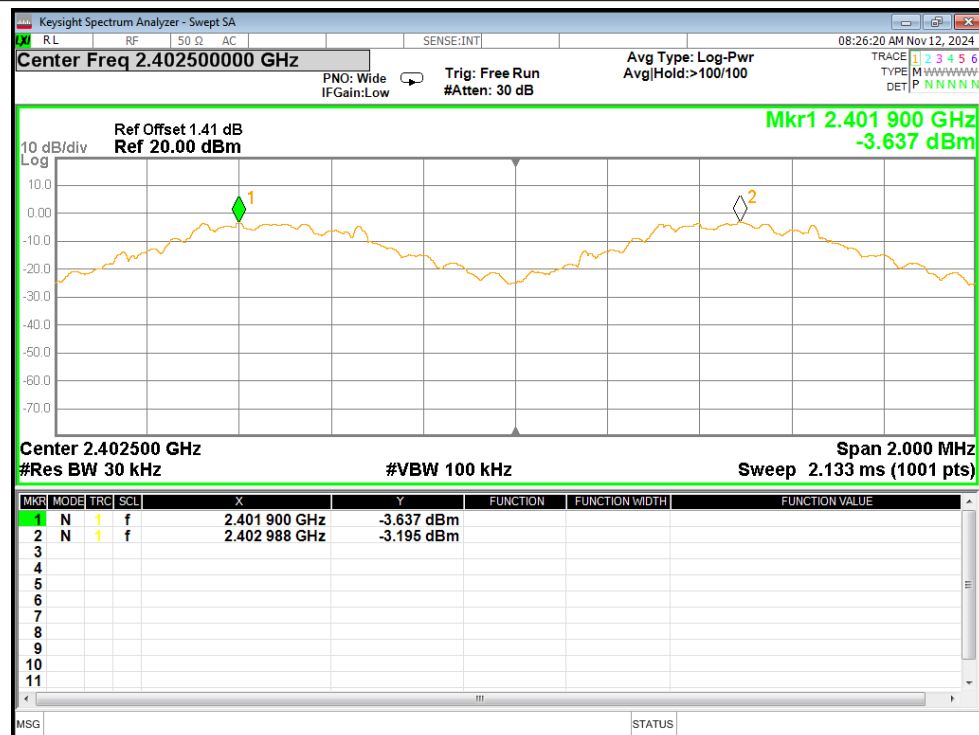


5.Carrier Frequencies Separation

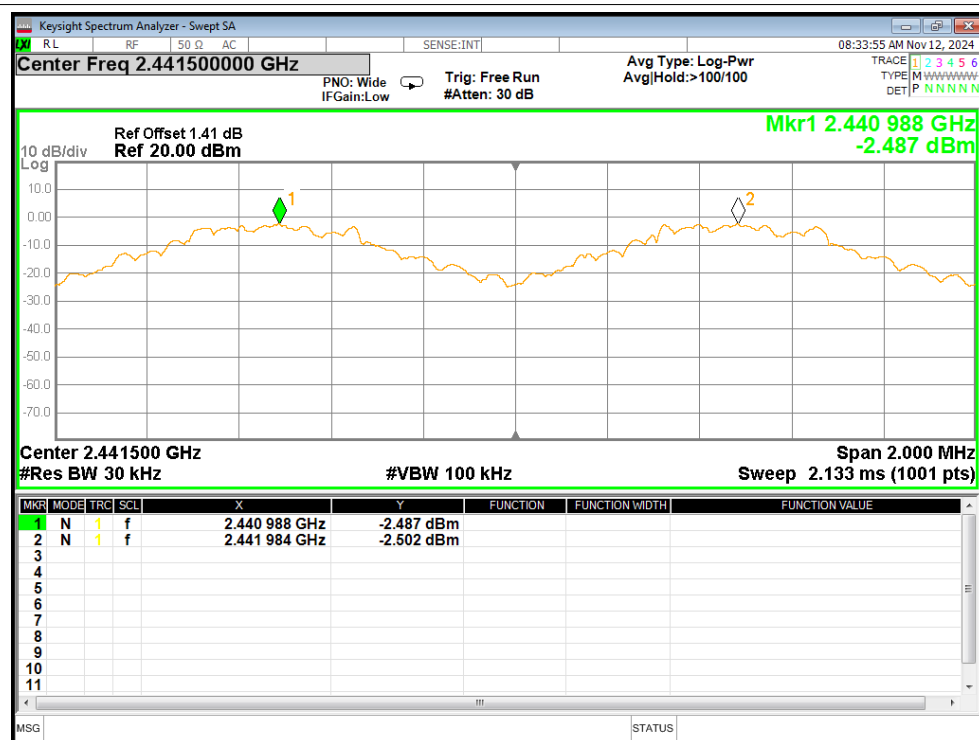
Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
1-DH5	Ant1	2401.9	2402.988	1.088	0.633	Pass
1-DH5	Ant1	2440.988	2441.984	0.996	0.627	Pass
1-DH5	Ant1	2478.984	2479.99	1.006	0.636	Pass
2-DH5	Ant1	2401.986	2402.992	1.006	0.889	Pass
2-DH5	Ant1	2440.992	2441.988	0.996	0.879	Pass
2-DH5	Ant1	2478.98	2479.996	1.016	0.876	Pass
3-DH5	Ant1	2401.984	2402.988	1.004	0.865	Pass
3-DH5	Ant1	2440.822	2441.9	1.078	0.866	Pass
3-DH5	Ant1	2478.984	2479.984	1	0.865	Pass

Test Graphs

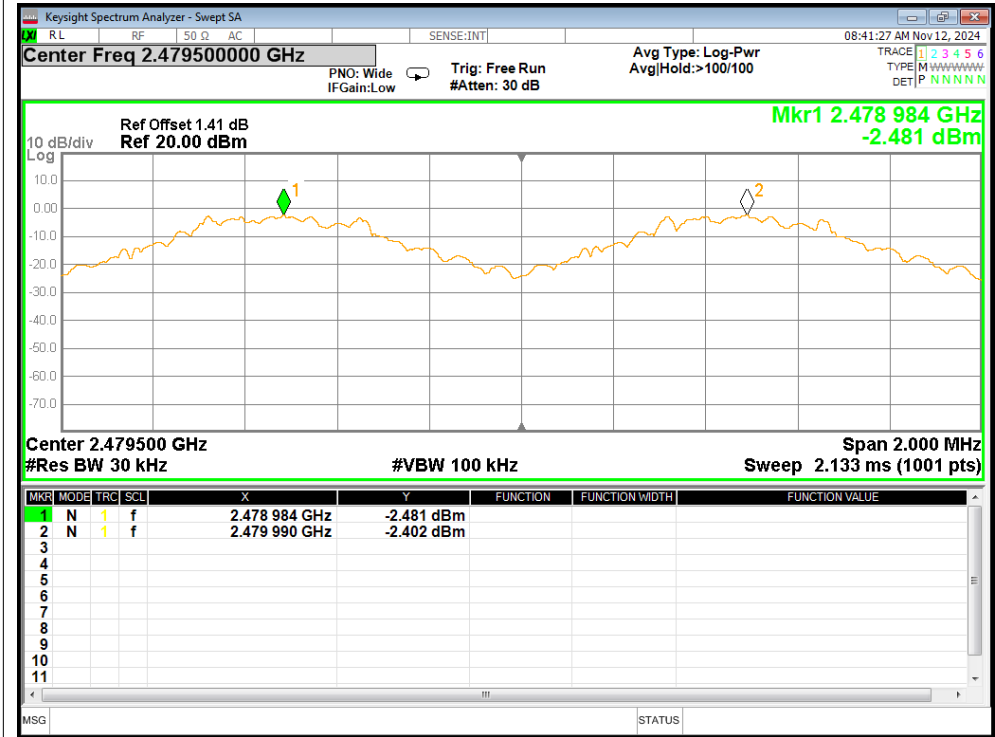
CFS NVNT 1-DH5 2402MHz Ant1



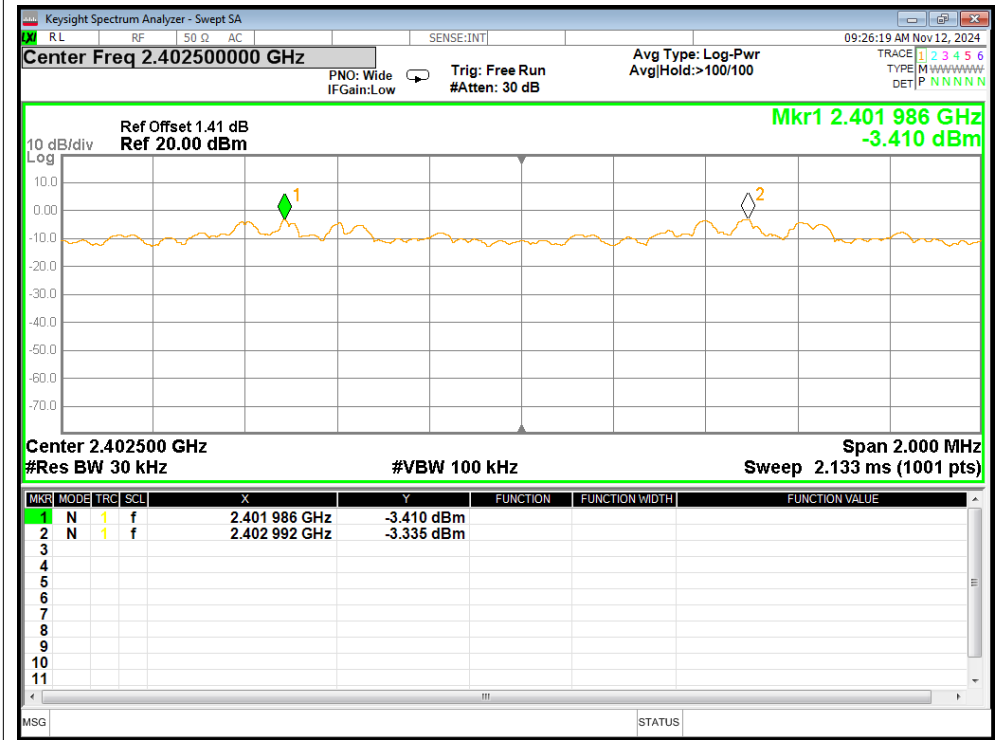
CFS NVNT 1-DH5 2441MHz Ant1



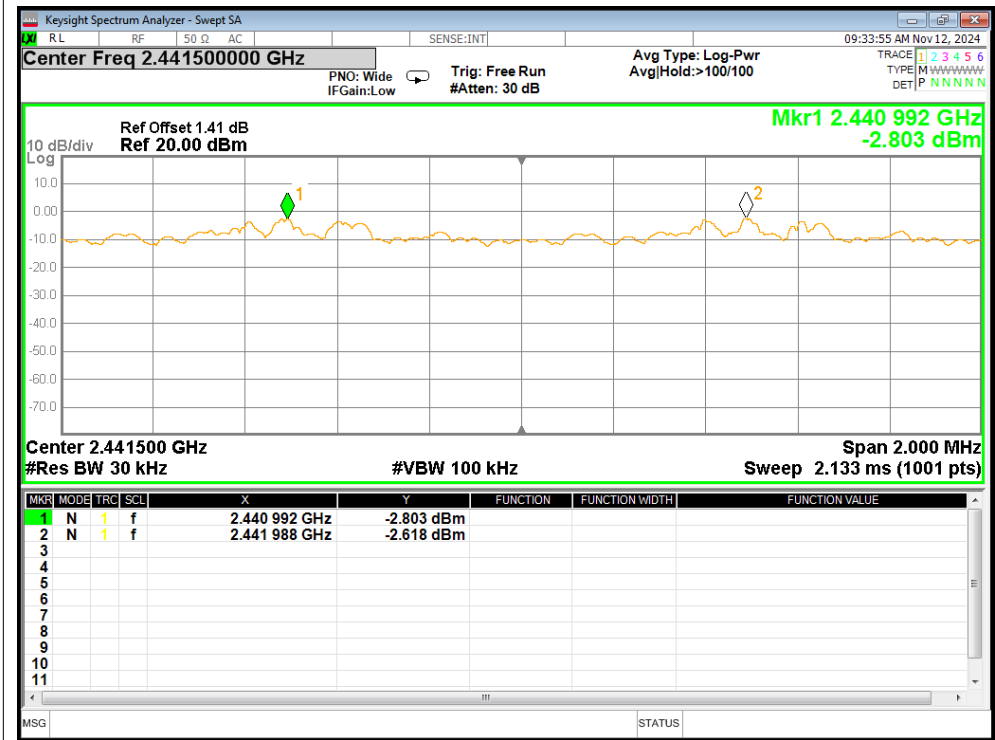
CFS NVNT 1-DH5 2480MHz Ant1



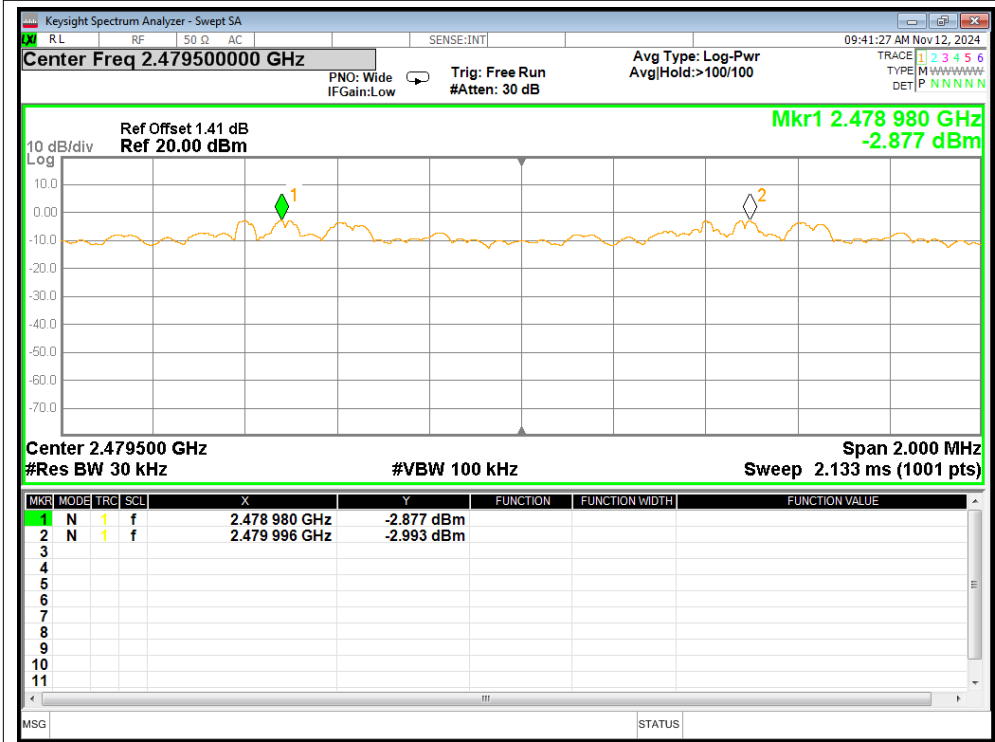
CFS NVNT 2-DH5 2402MHz Ant1



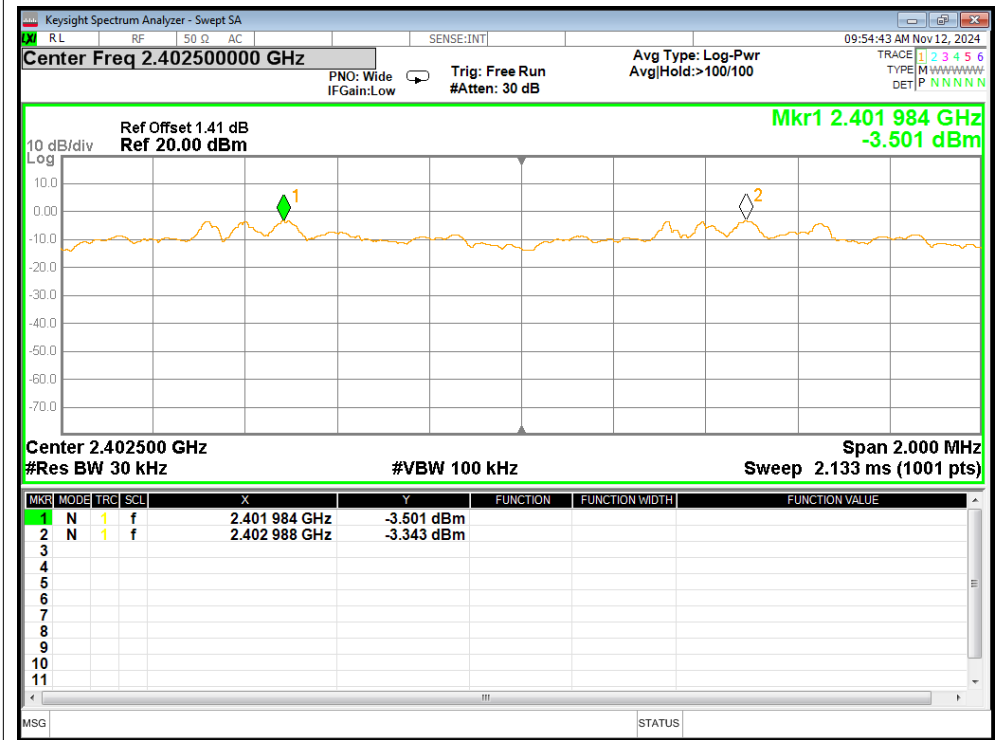
CFS NVNT 2-DH5 2441MHz Ant1



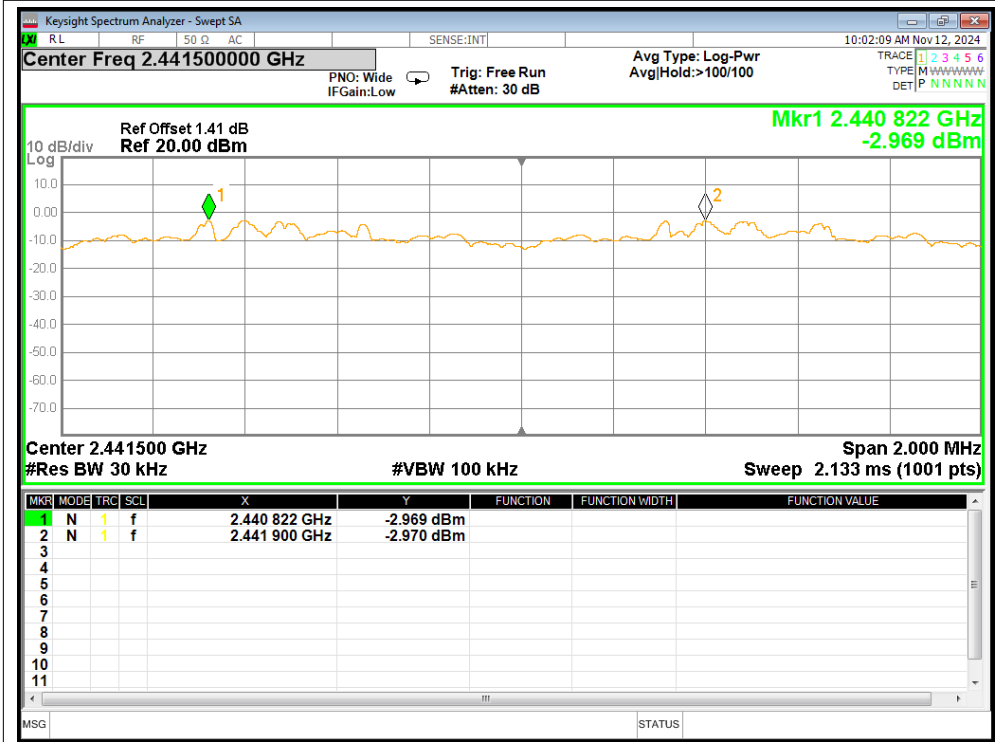
CFS NVNT 2-DH5 2480MHz Ant1



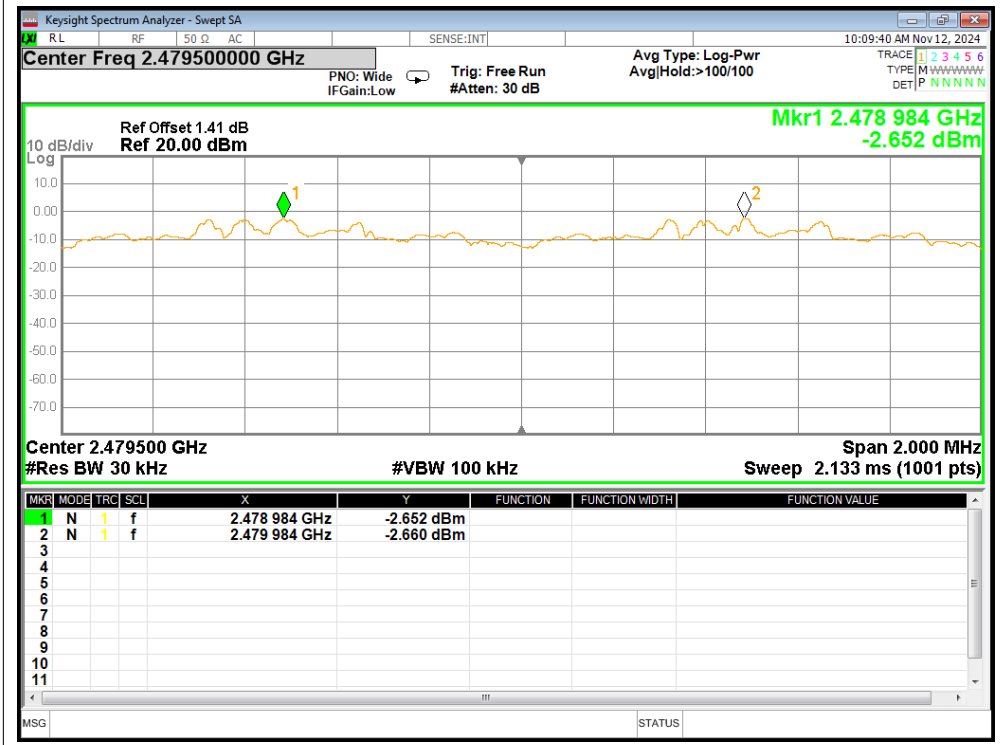
CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1

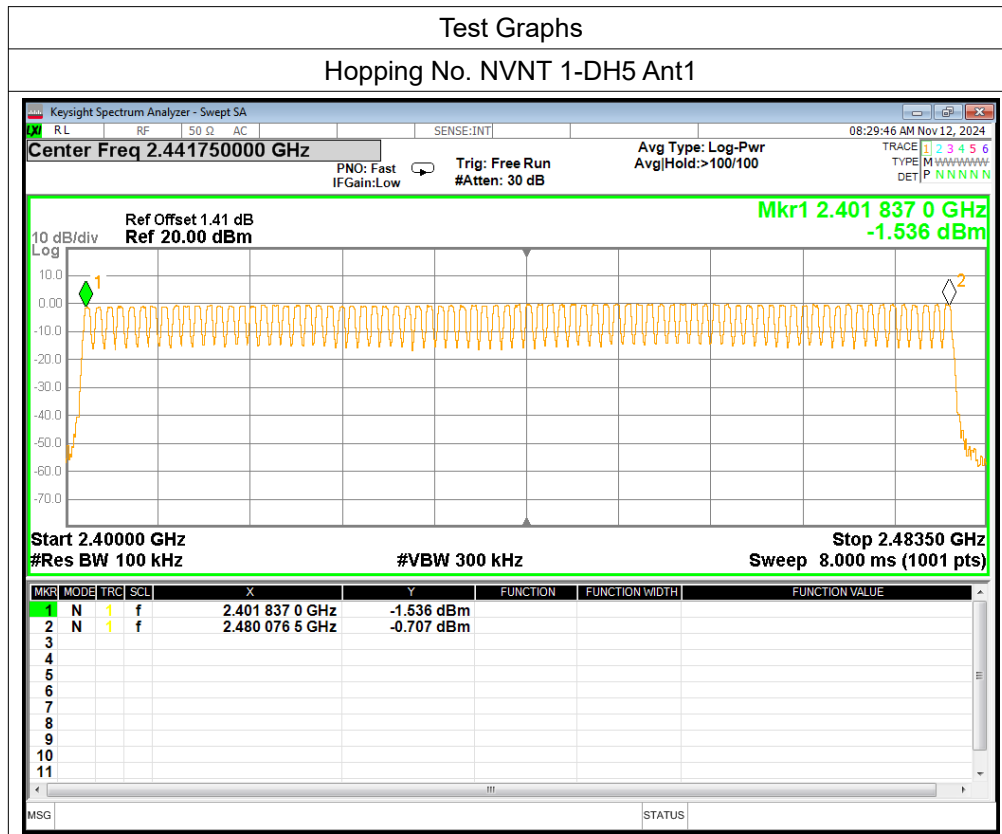


CFS NVNT 3-DH5 2480MHz Ant1

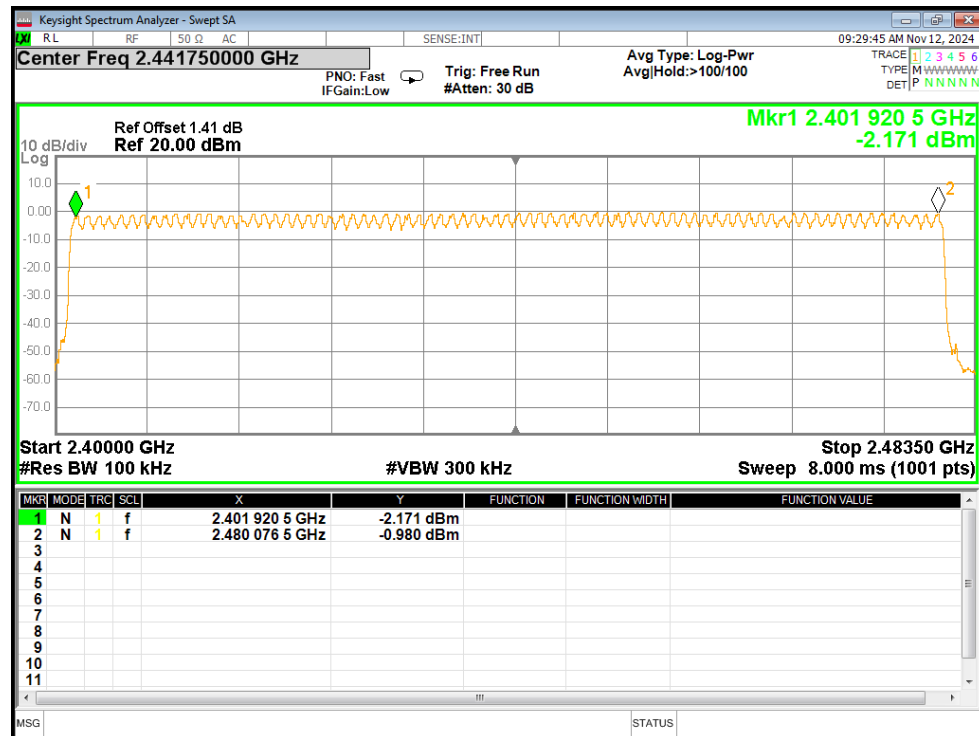


6.Number of Hopping Channel

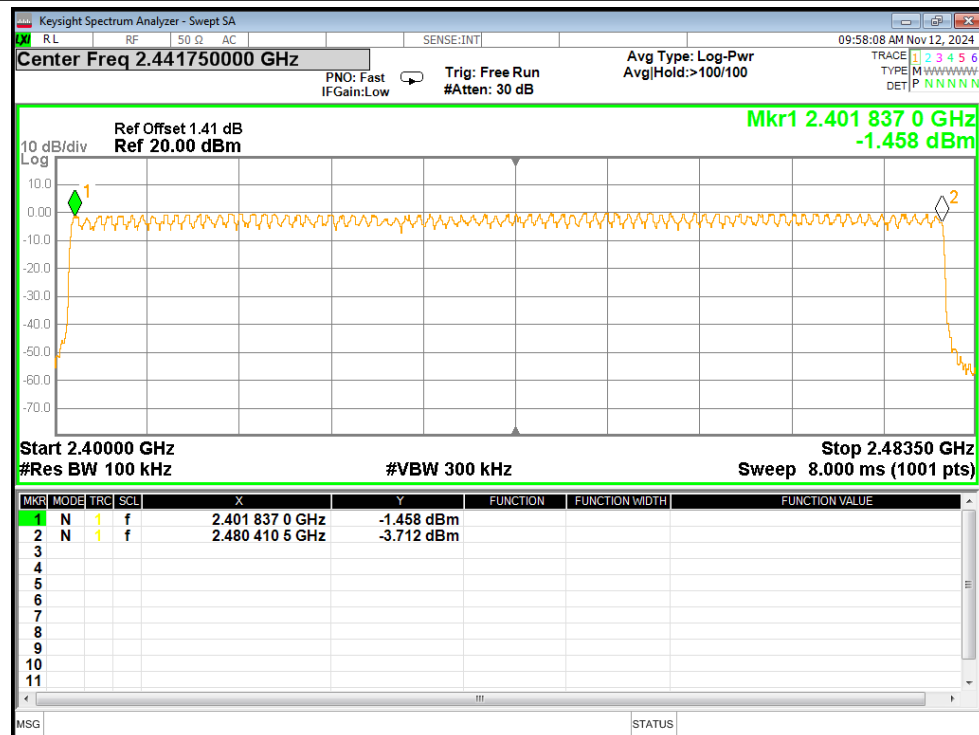
Mode	Antenna	Hopping Number	Limit	Verdict
1-DH5	Ant1	79	15	Pass
2-DH5	Ant1	79	15	Pass
3-DH5	Ant1	79	15	Pass



Hopping No. NVNT 2-DH5 Ant1



Hopping No. NVNT 3-DH5 Ant1

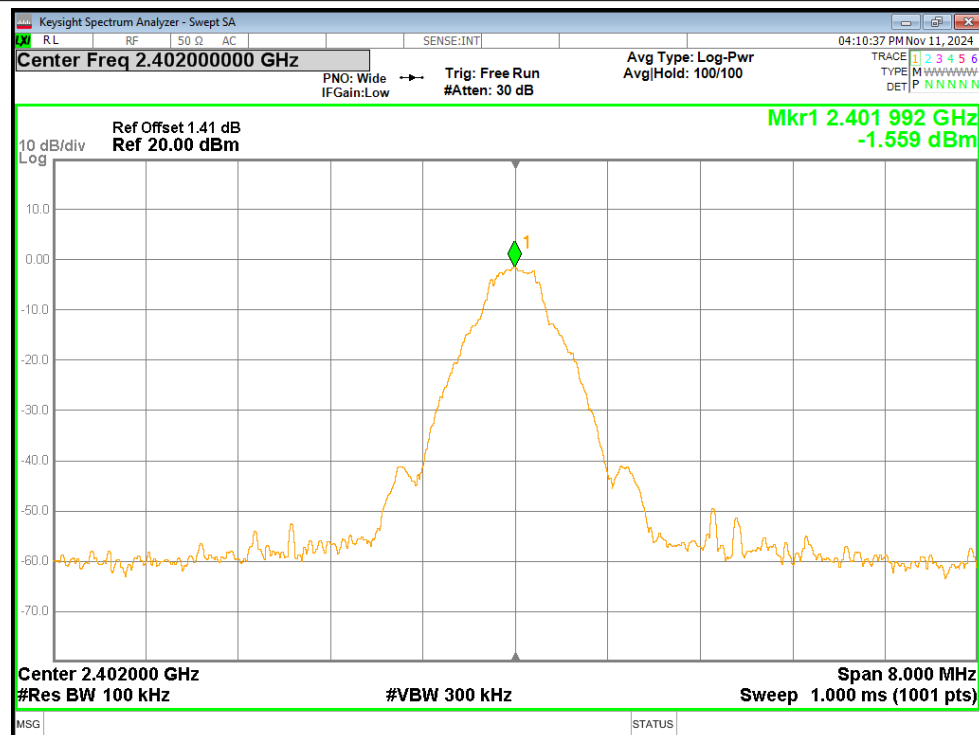


7.Band Edge

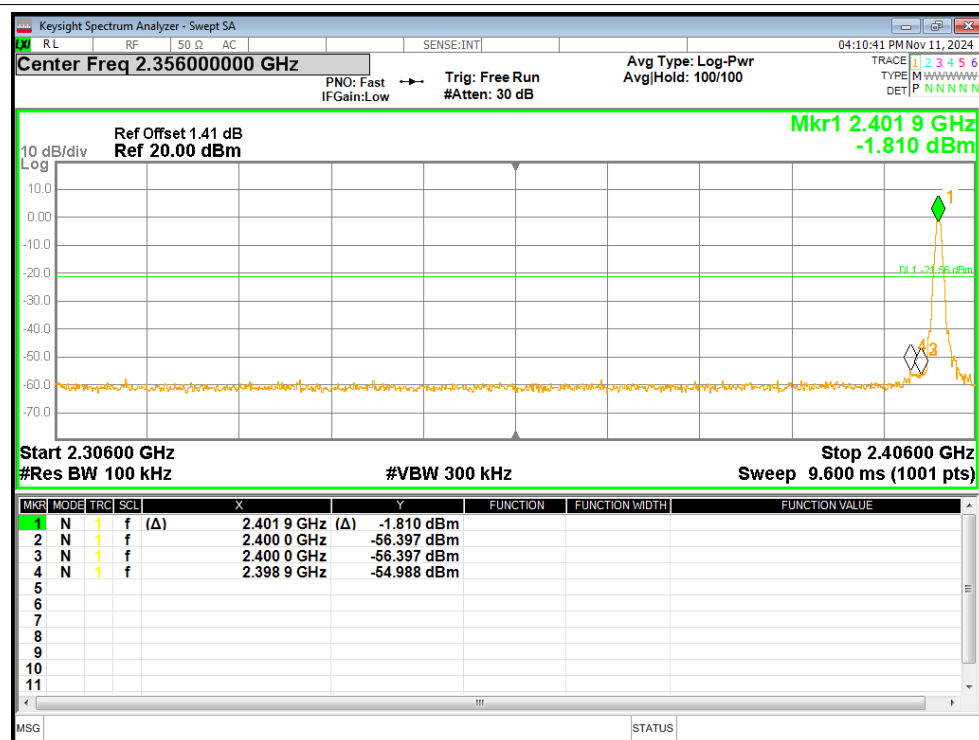
Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	Ant1	No-Hopping	-53.42	-20	Pass
1-DH5	2480	Ant1	No-Hopping	-56.02	-20	Pass
2-DH5	2402	Ant1	No-Hopping	-53.67	-20	Pass
2-DH5	2480	Ant1	No-Hopping	-56.12	-20	Pass
3-DH5	2402	Ant1	No-Hopping	-53.7	-20	Pass
3-DH5	2480	Ant1	No-Hopping	-56.84	-20	Pass

Test Graphs

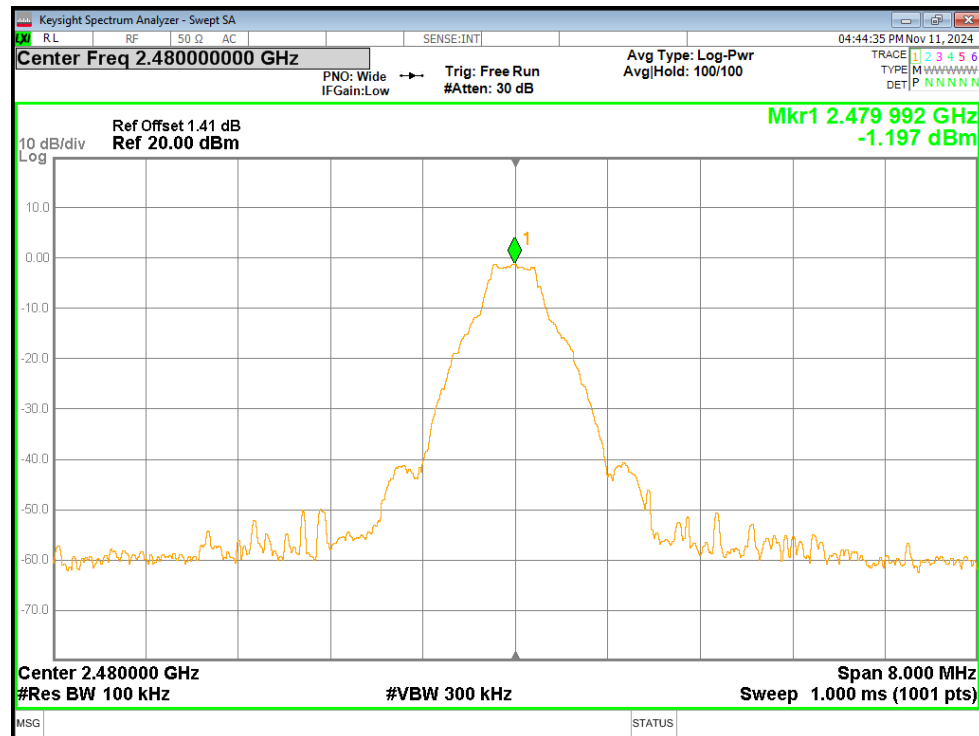
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



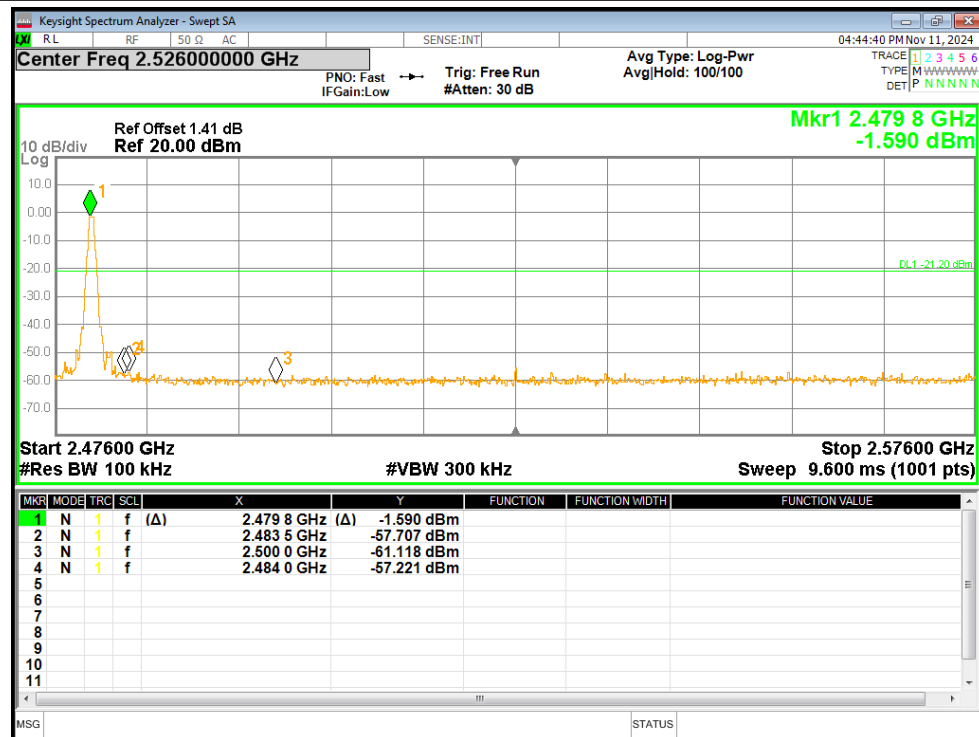
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



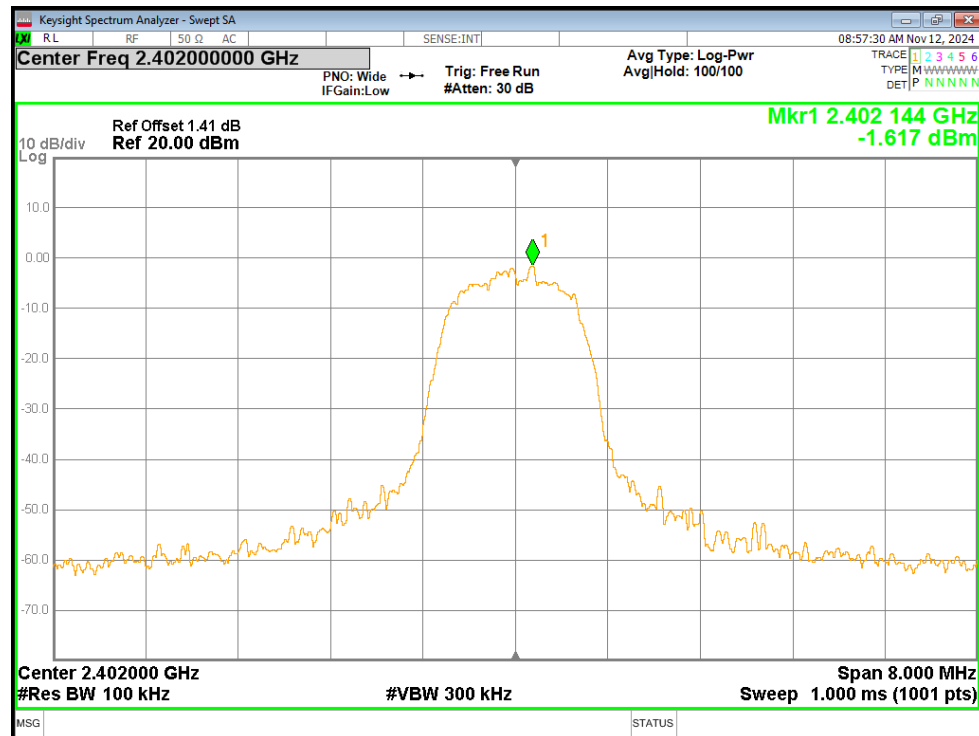
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



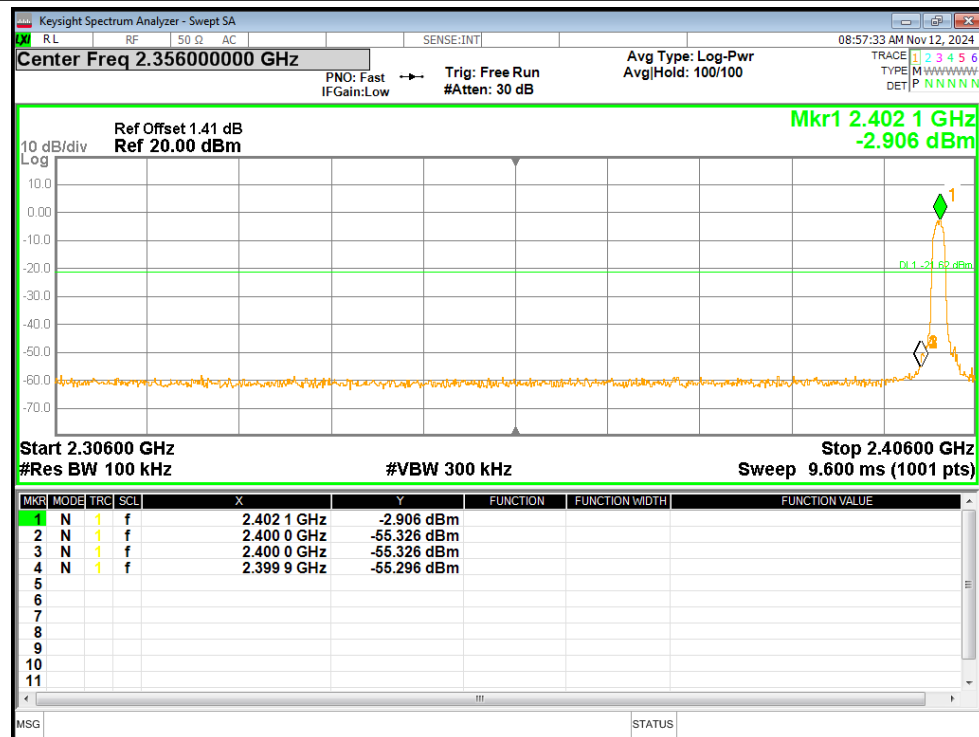
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



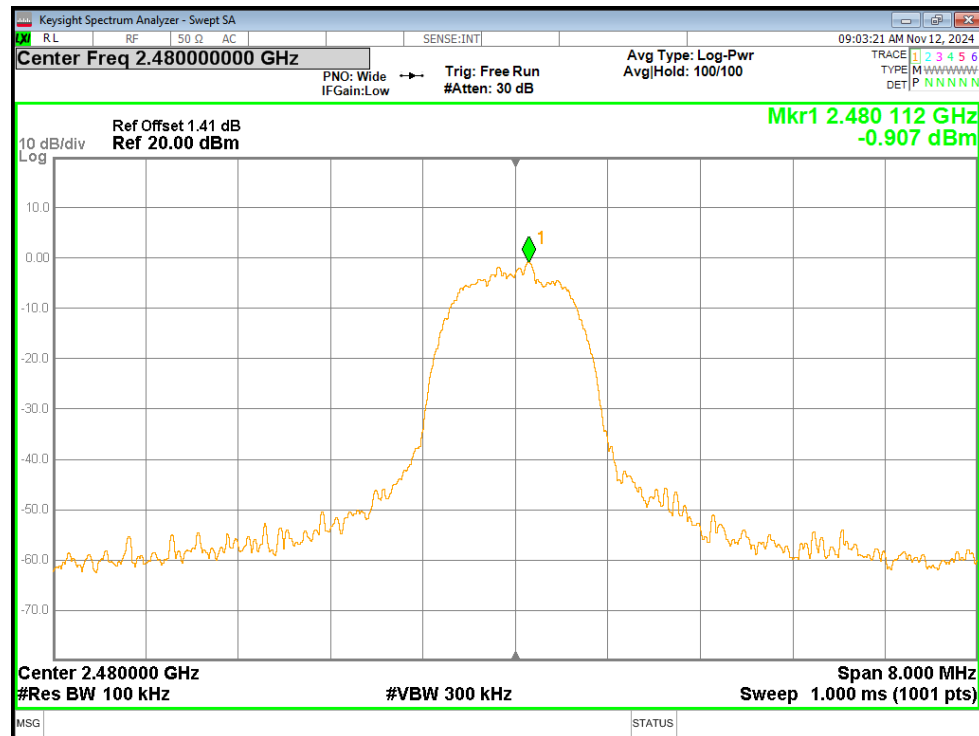
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



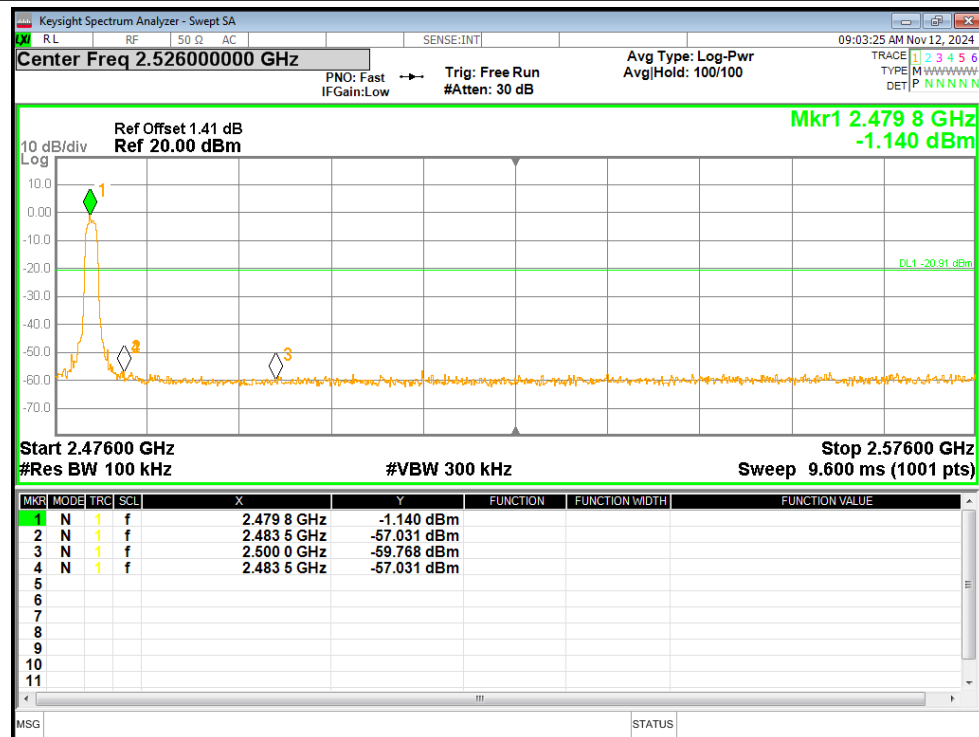
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



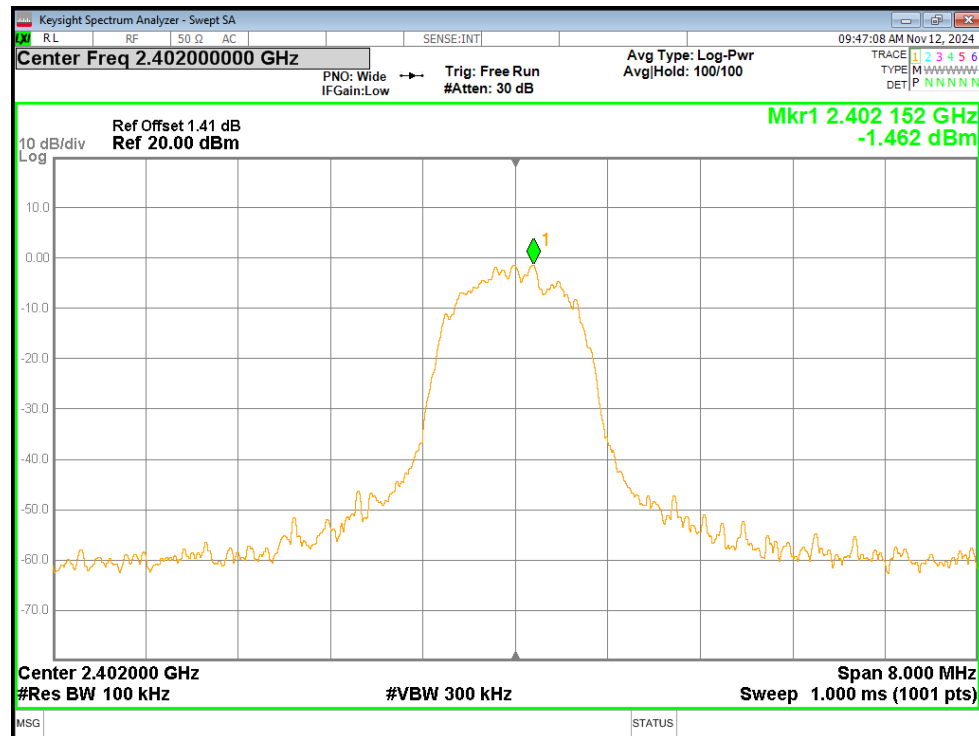
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



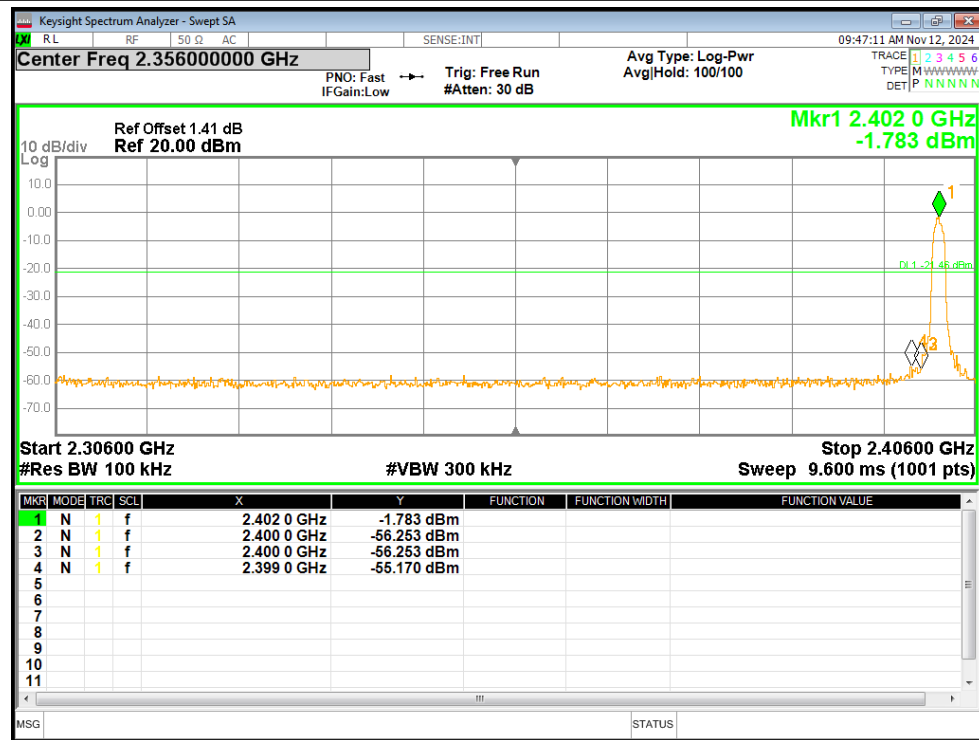
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



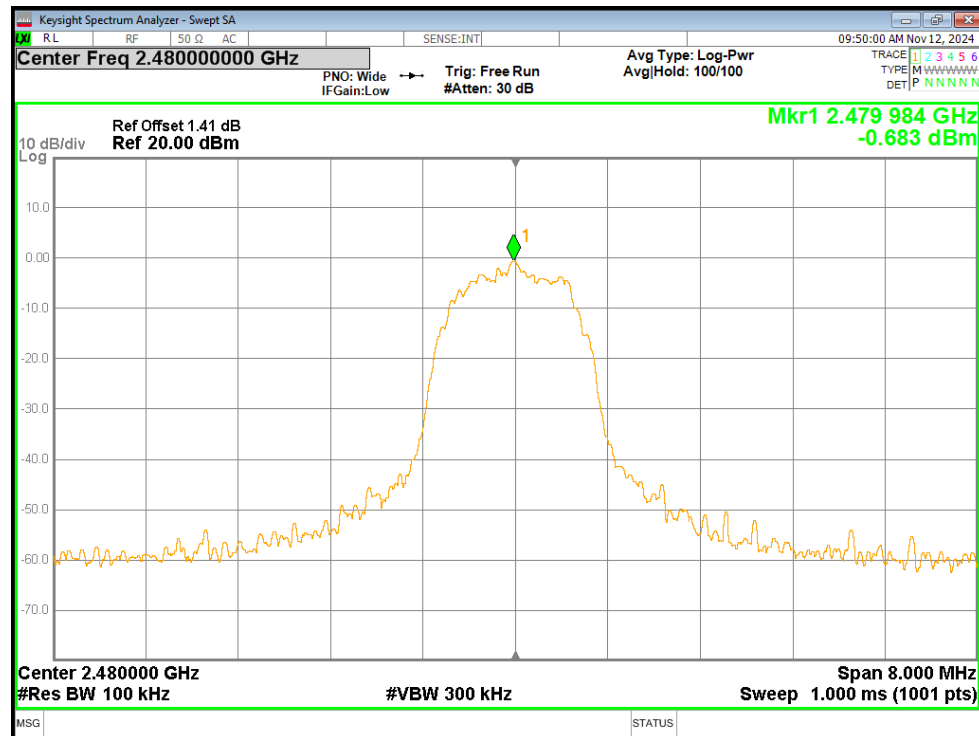
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



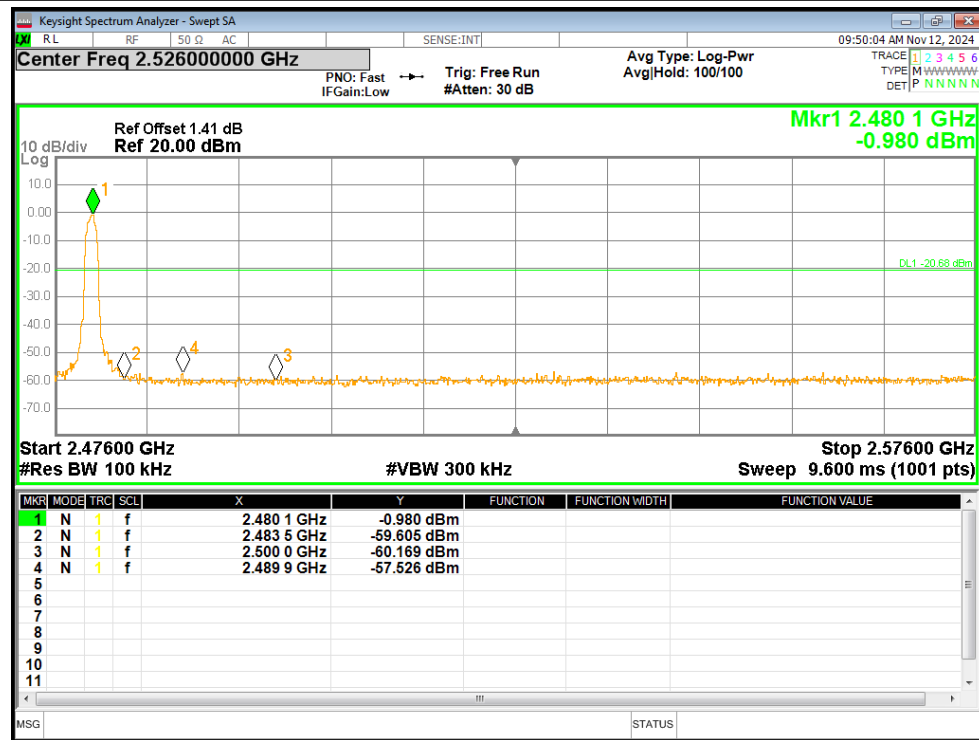
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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



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

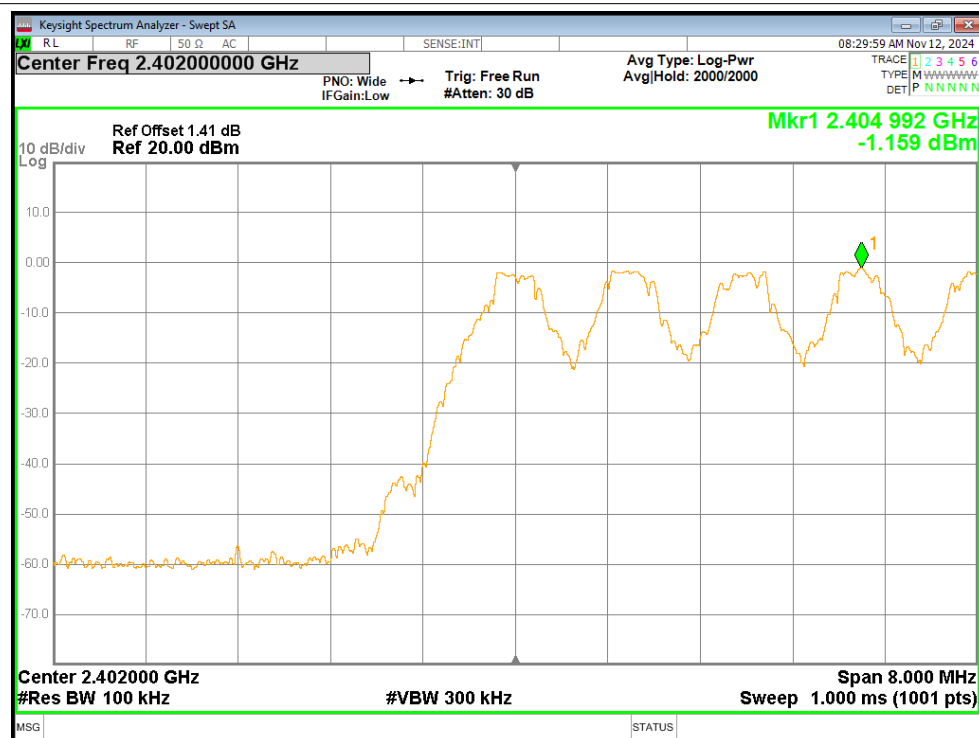


8.Band Edge(Hopping)

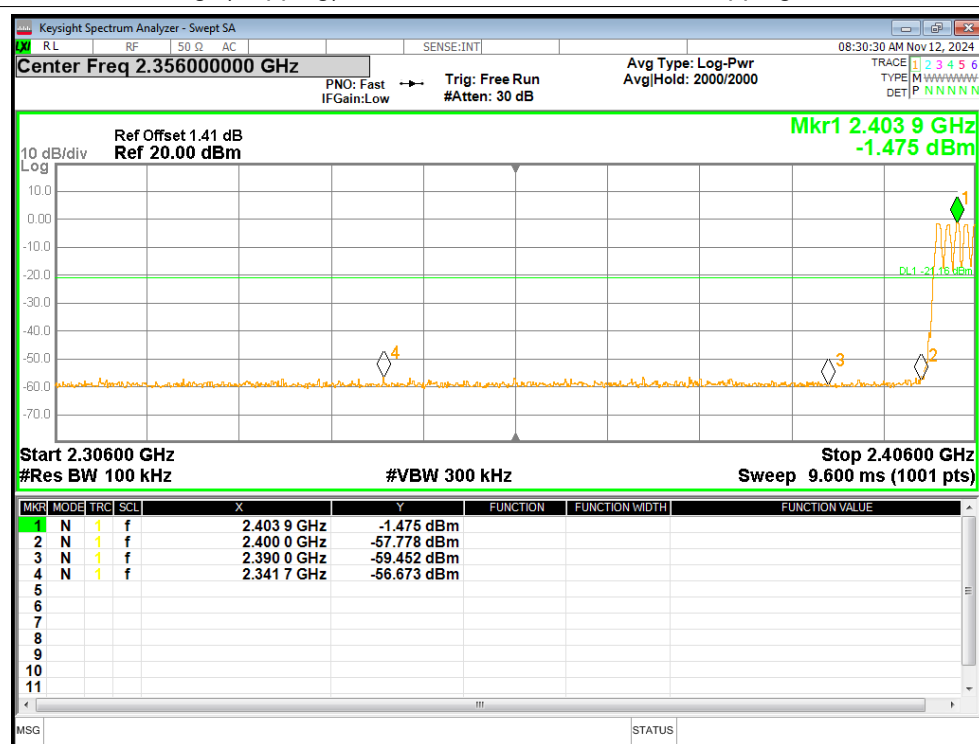
Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	Ant1	Hopping	-55.51	-20	Pass
1-DH5	2480	Ant1	Hopping	-55.39	-20	Pass
2-DH5	2402	Ant1	Hopping	-55.39	-20	Pass
2-DH5	2480	Ant1	Hopping	-56.47	-20	Pass
3-DH5	2402	Ant1	Hopping	-55.35	-20	Pass
3-DH5	2480	Ant1	Hopping	-56.46	-20	Pass

Test Graphs

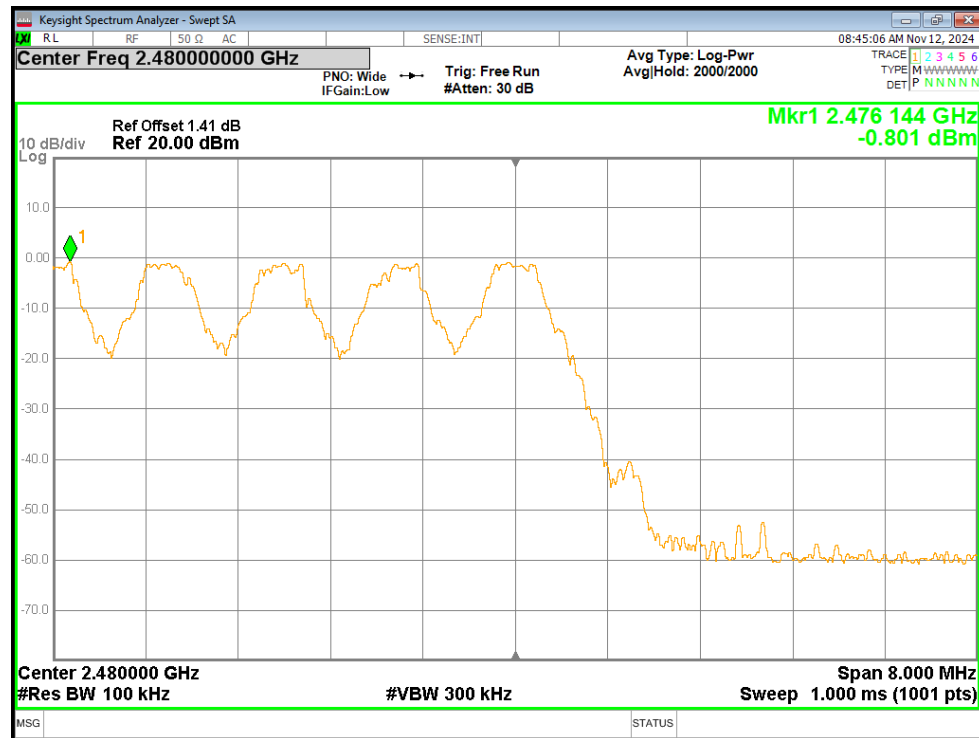
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



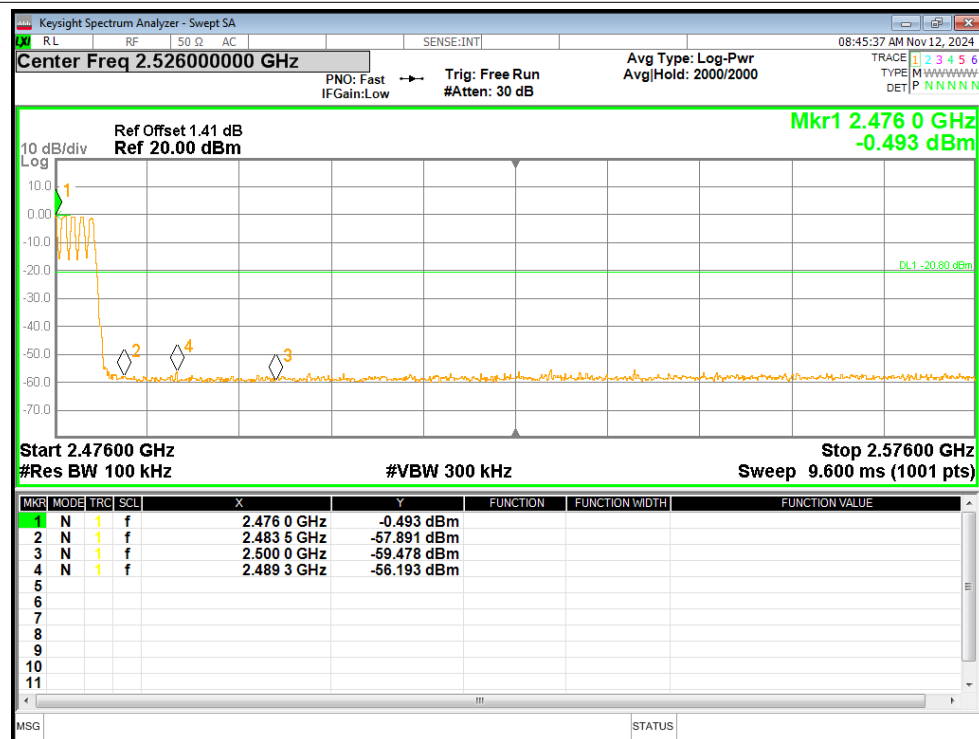
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



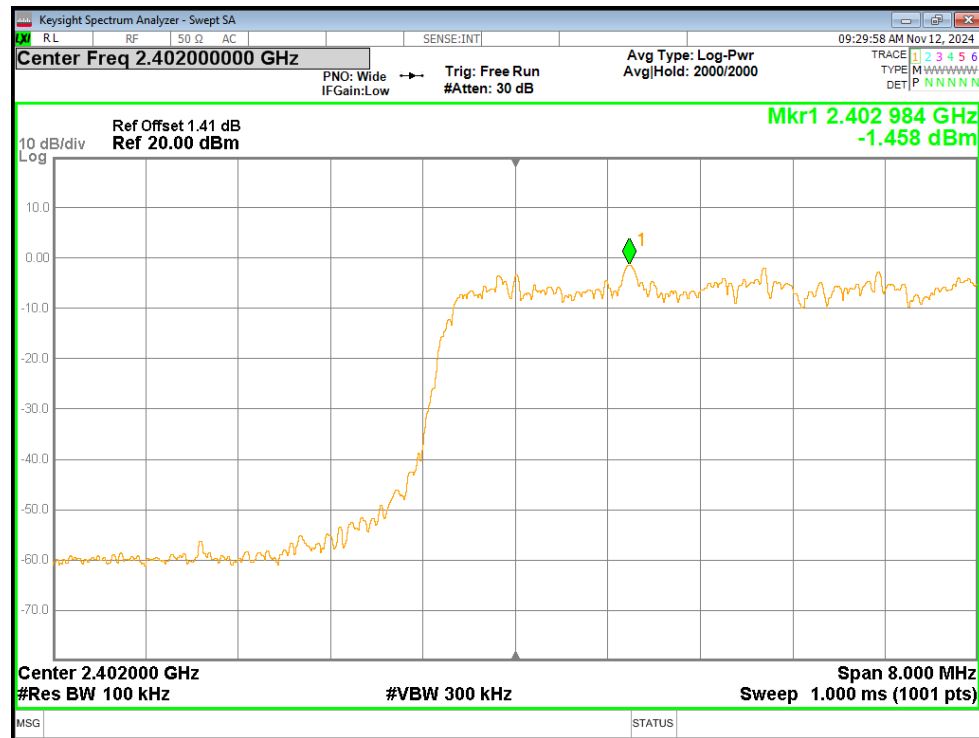
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



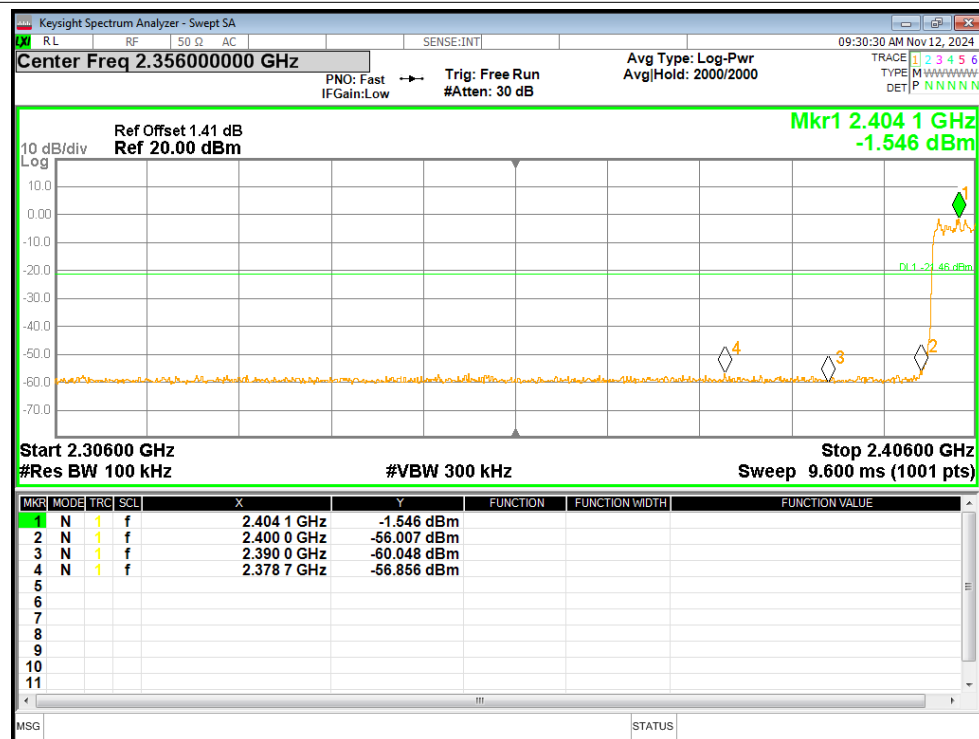
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



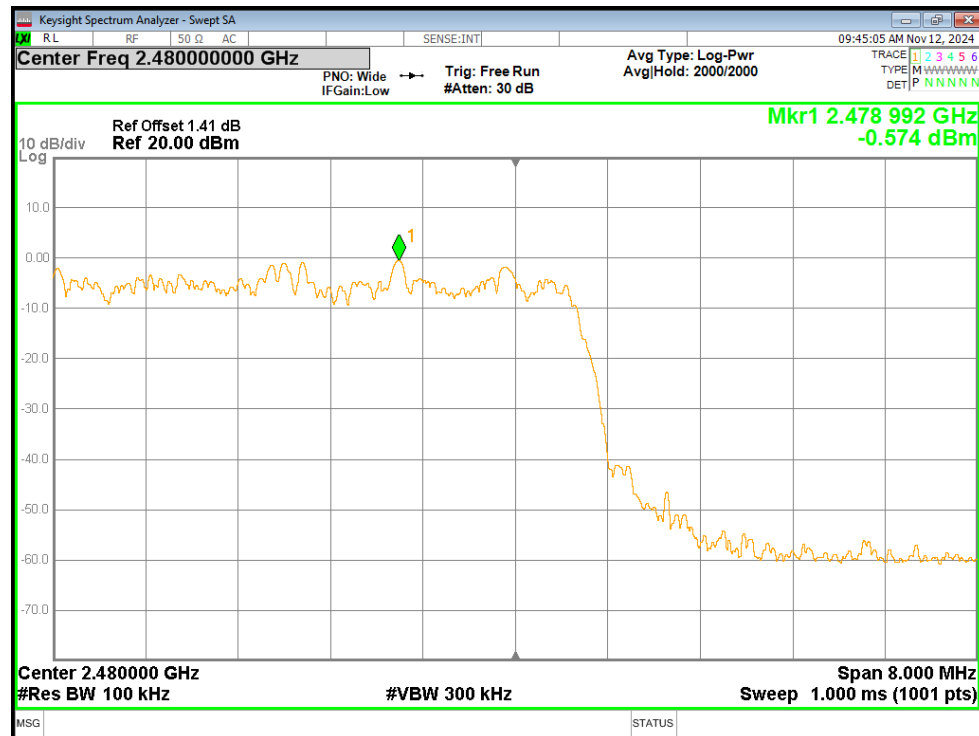
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



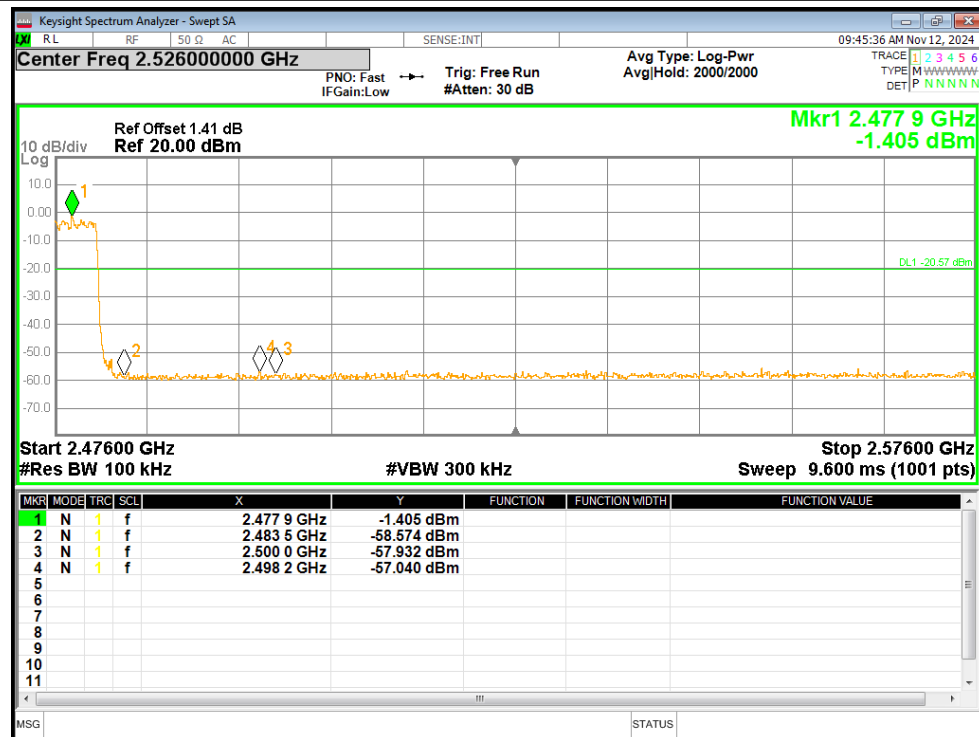
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



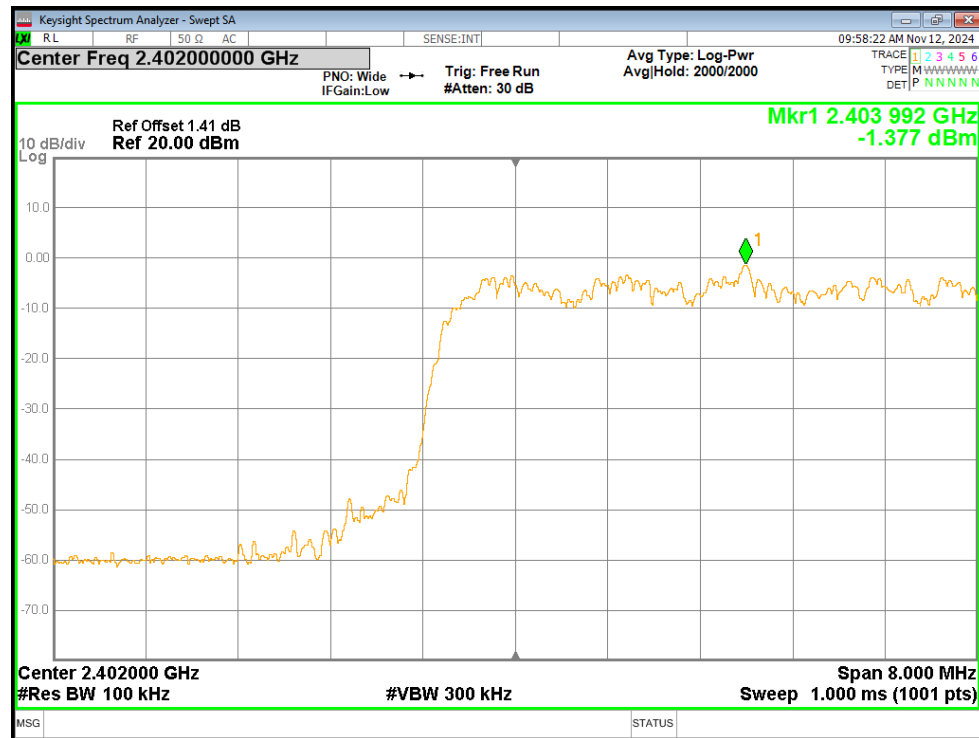
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



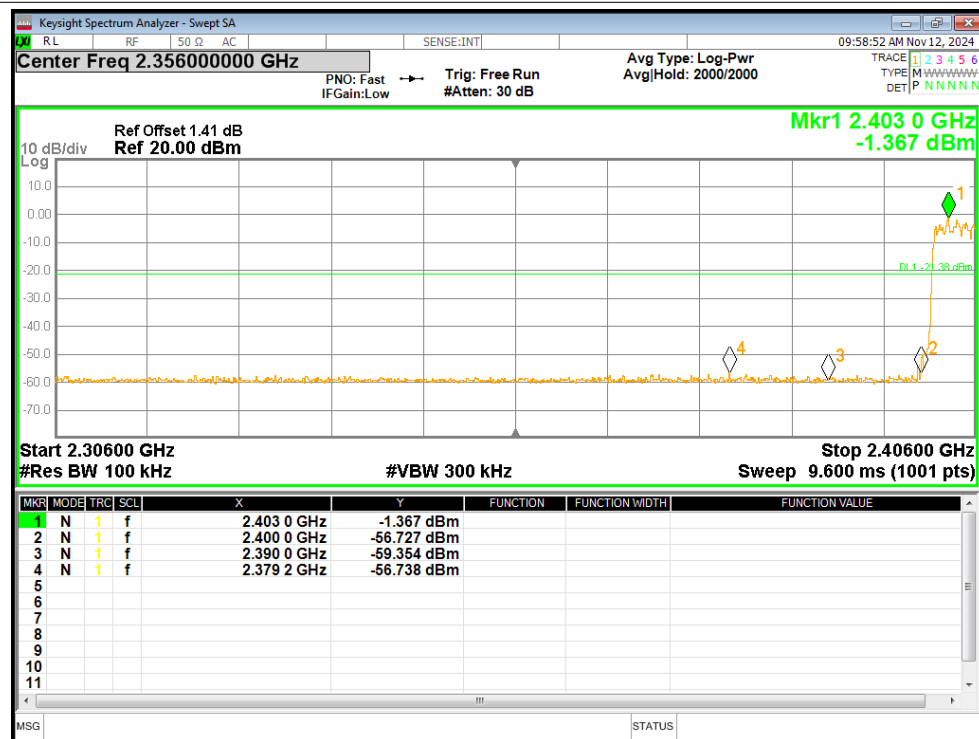
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



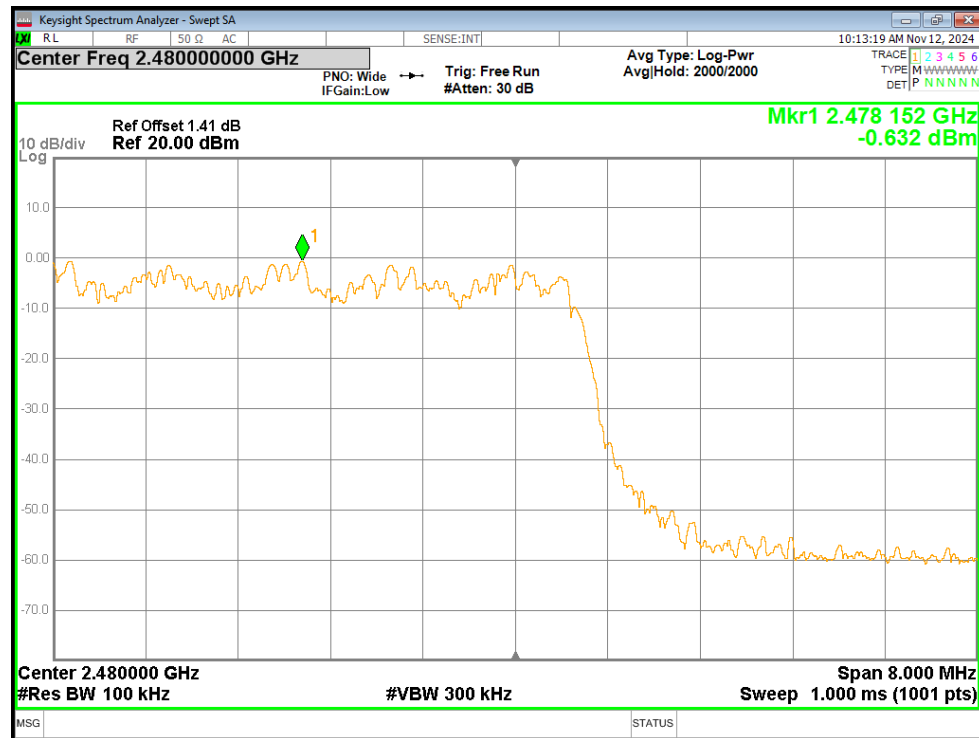
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



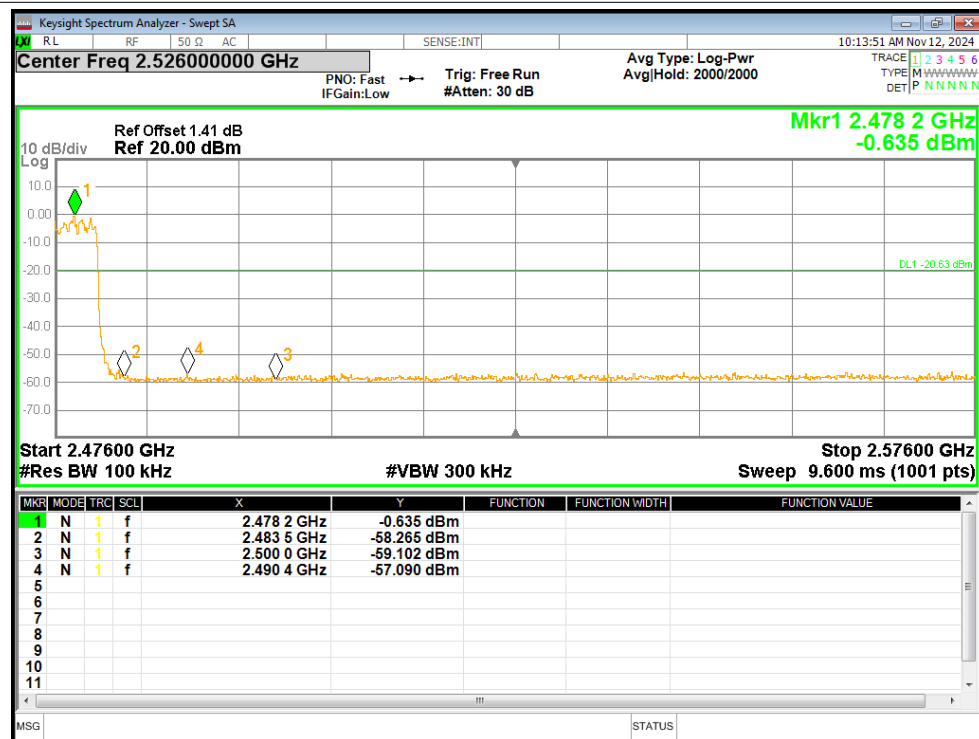
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

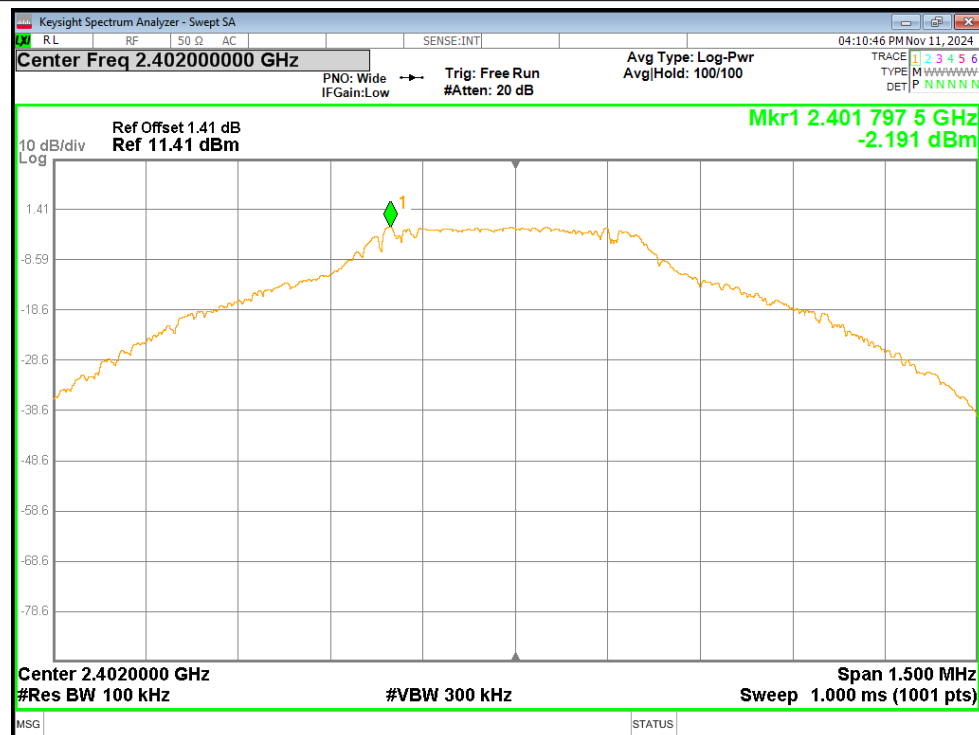


9. Conducted RF Spurious Emission

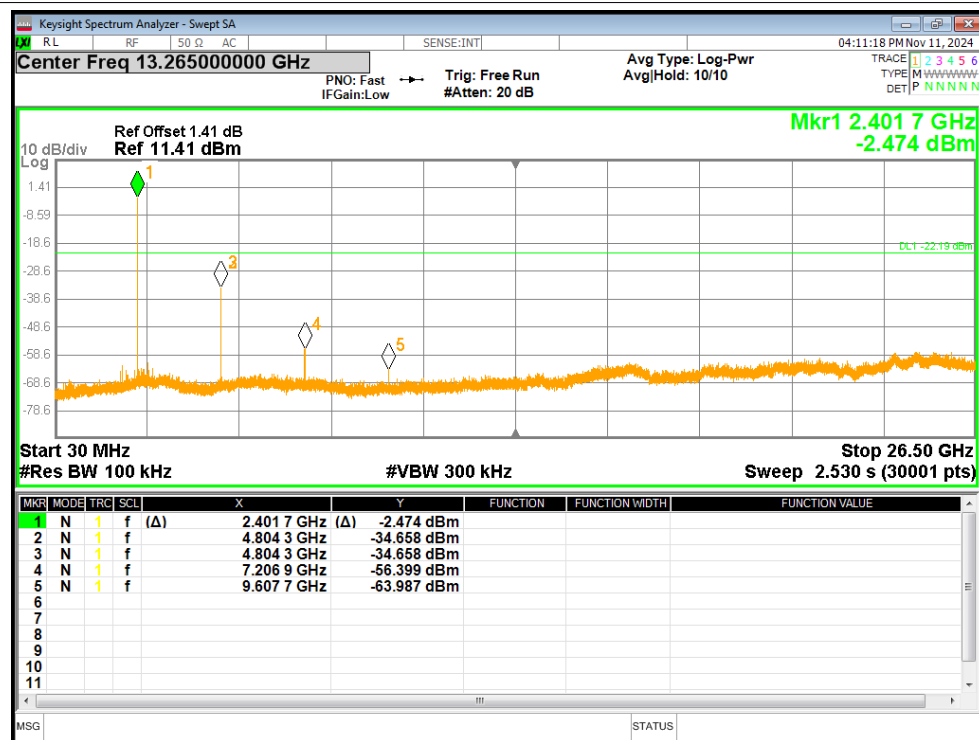
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
1-DH5	2402	Ant1	-32.46	-20	Pass
1-DH5	2441	Ant1	-32.05	-20	Pass
1-DH5	2480	Ant1	-32.04	-20	Pass
2-DH5	2402	Ant1	-34.24	-20	Pass
2-DH5	2441	Ant1	-35.25	-20	Pass
2-DH5	2480	Ant1	-31.58	-20	Pass
3-DH5	2402	Ant1	-32.44	-20	Pass
3-DH5	2441	Ant1	-35.33	-20	Pass
3-DH5	2480	Ant1	-36.53	-20	Pass

Test Graphs

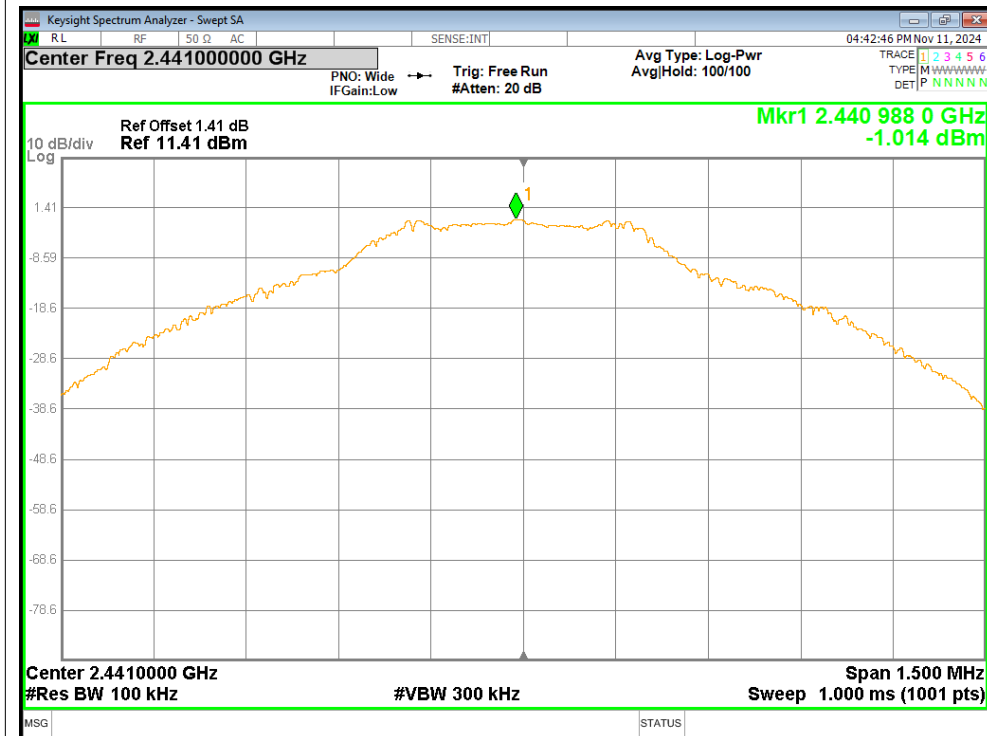
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



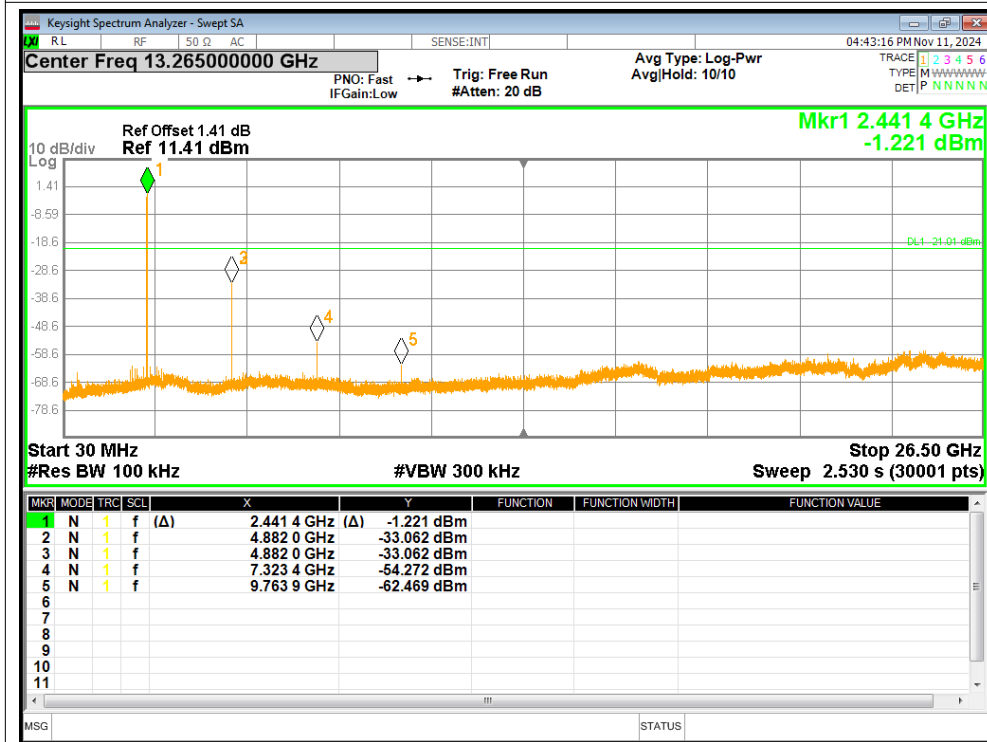
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



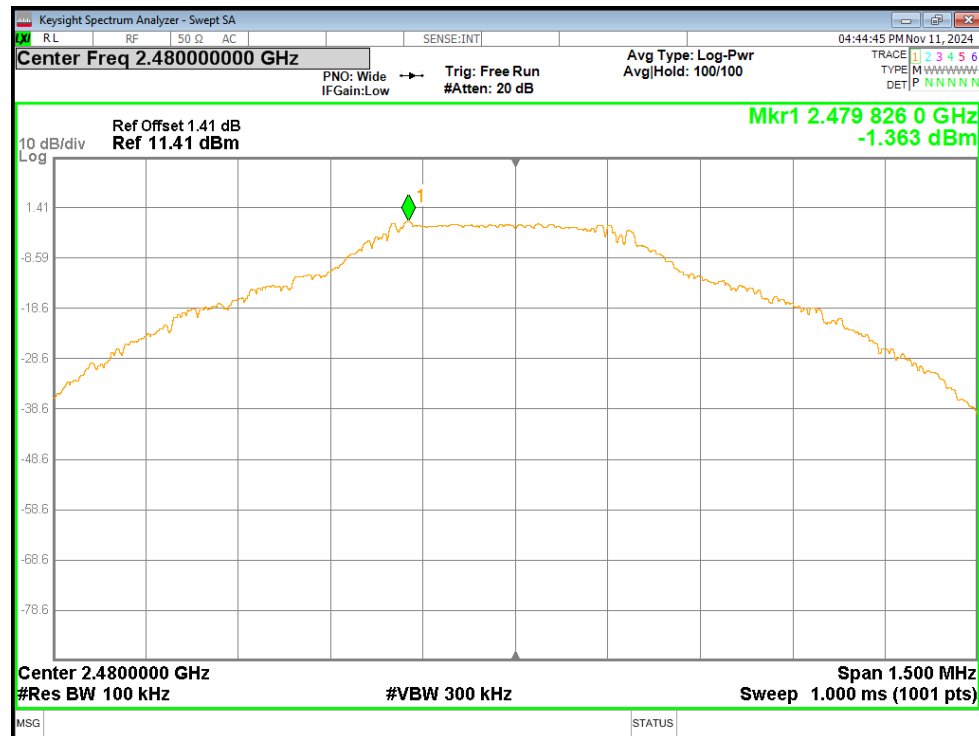
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



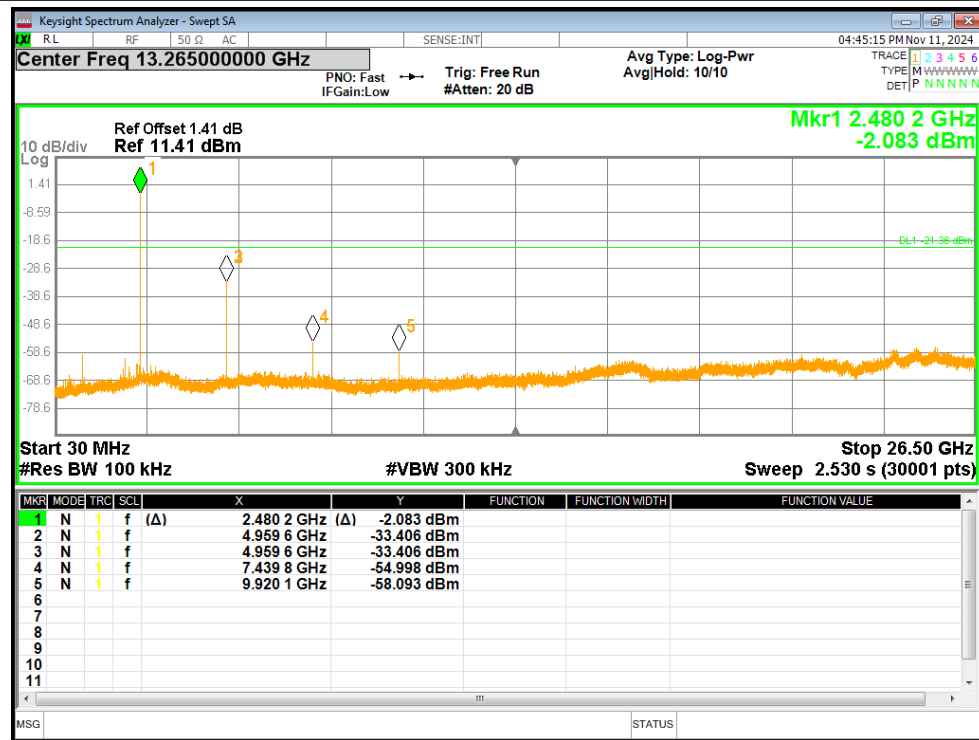
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



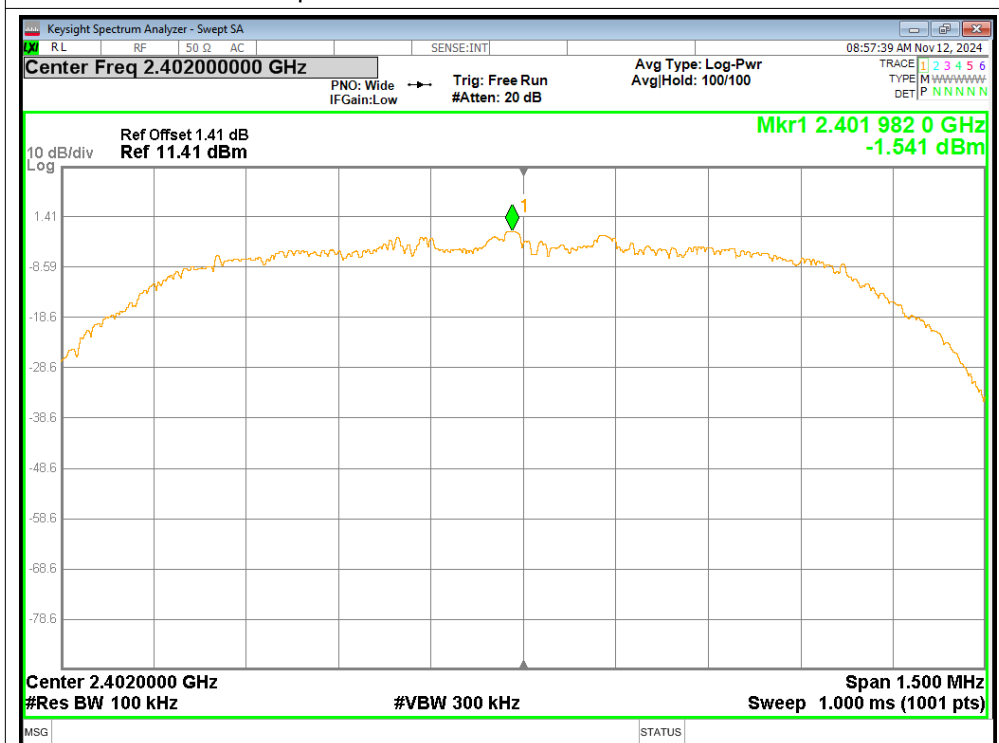
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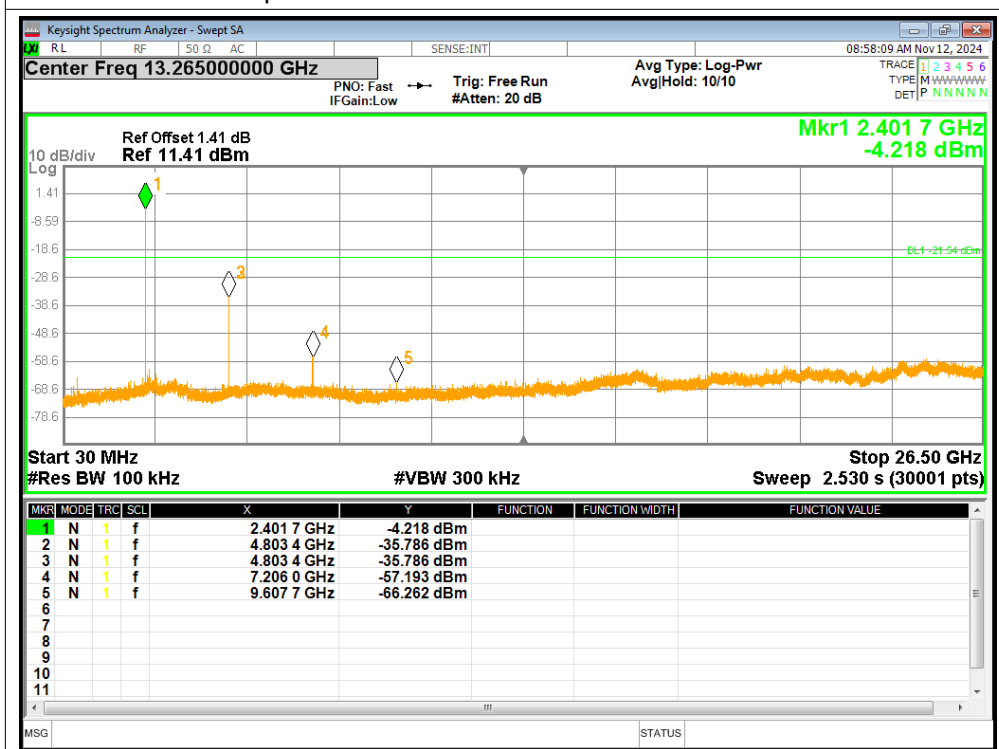
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



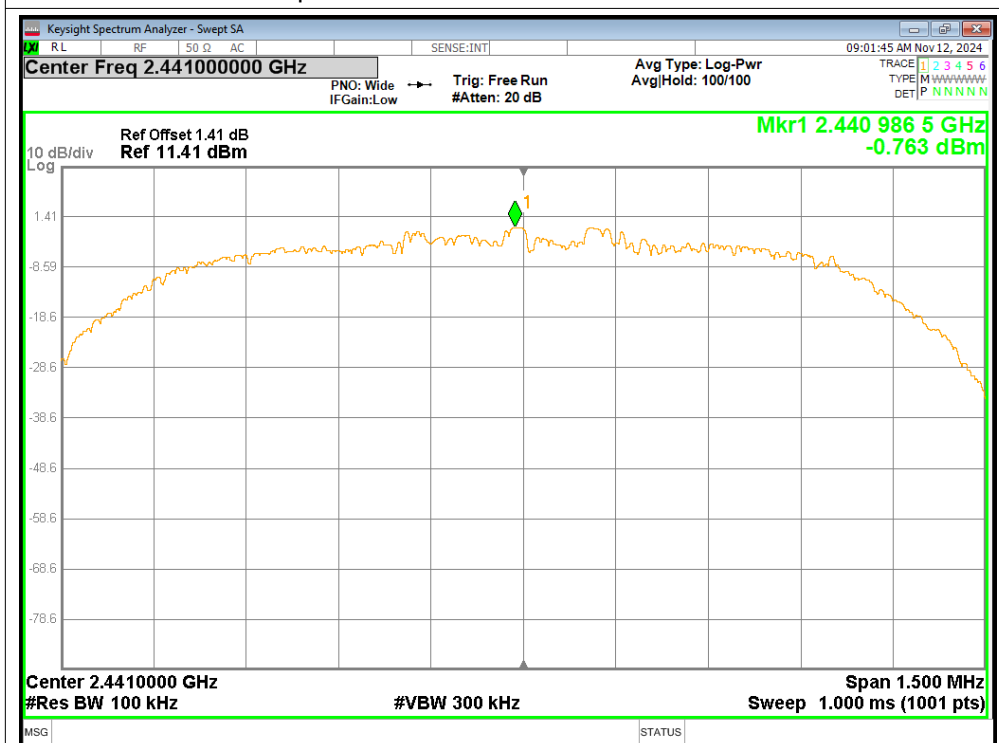
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



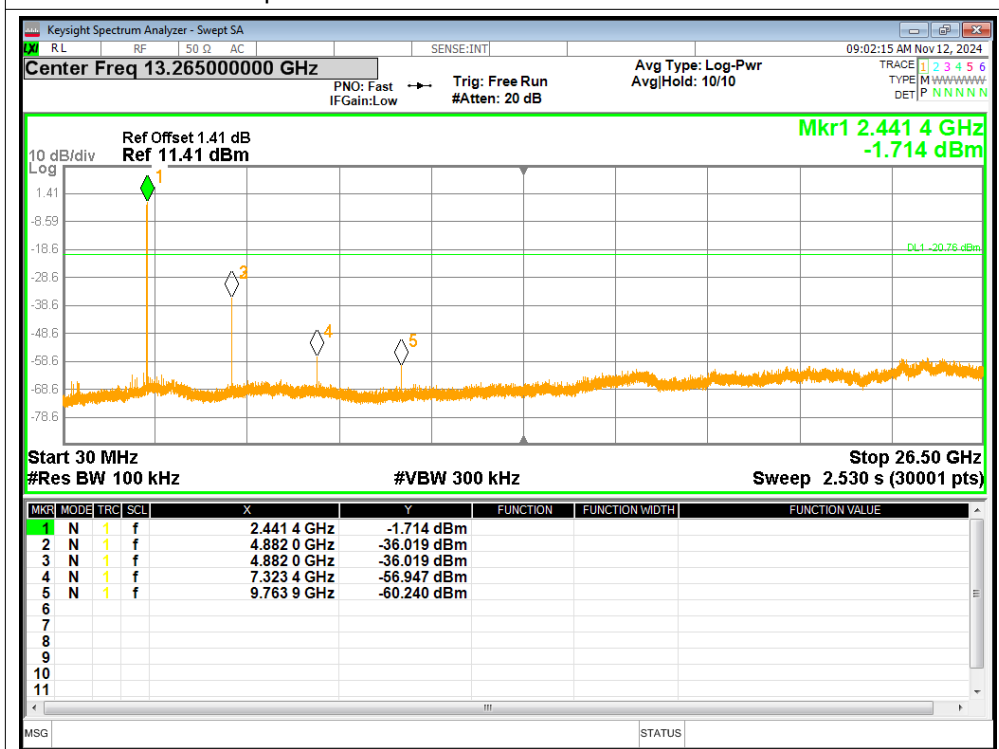
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



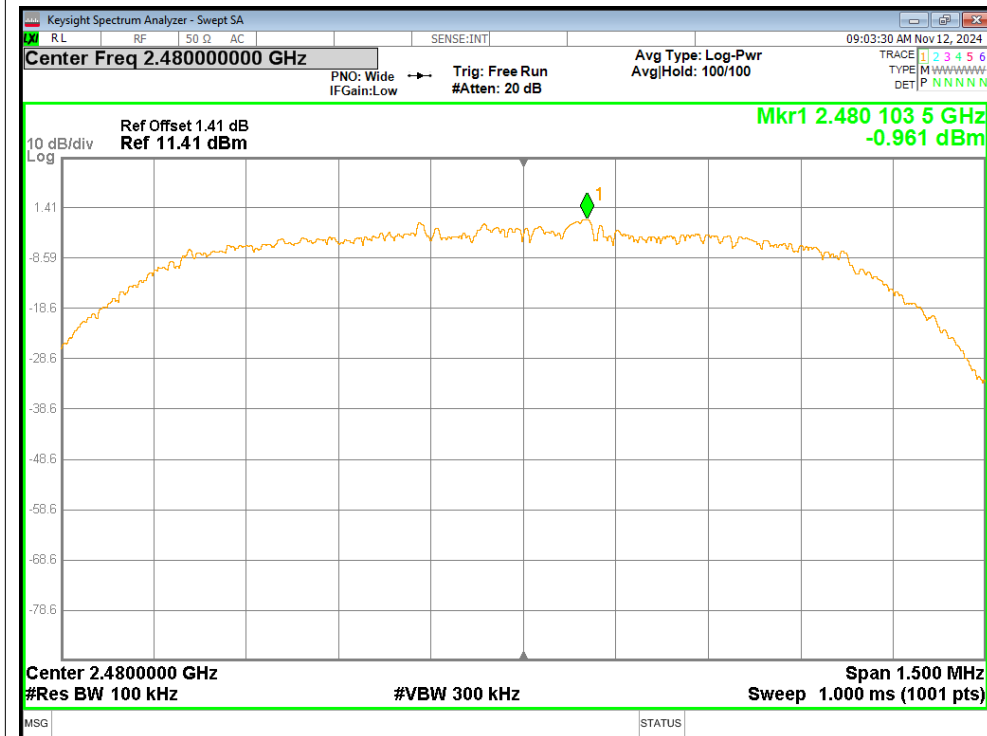
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



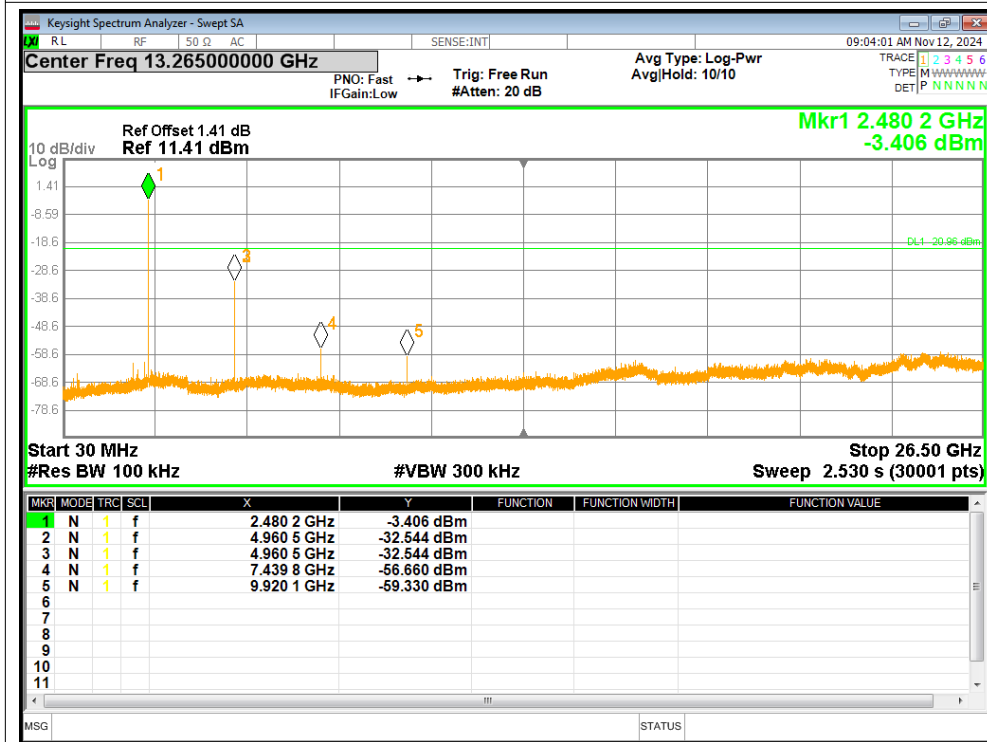
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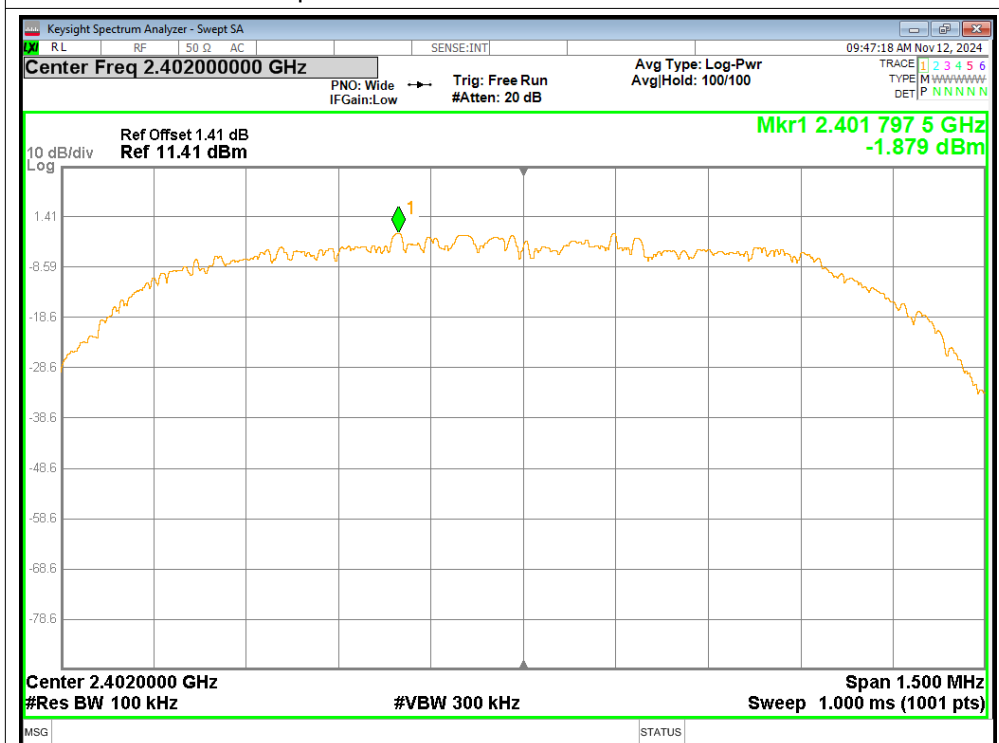
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



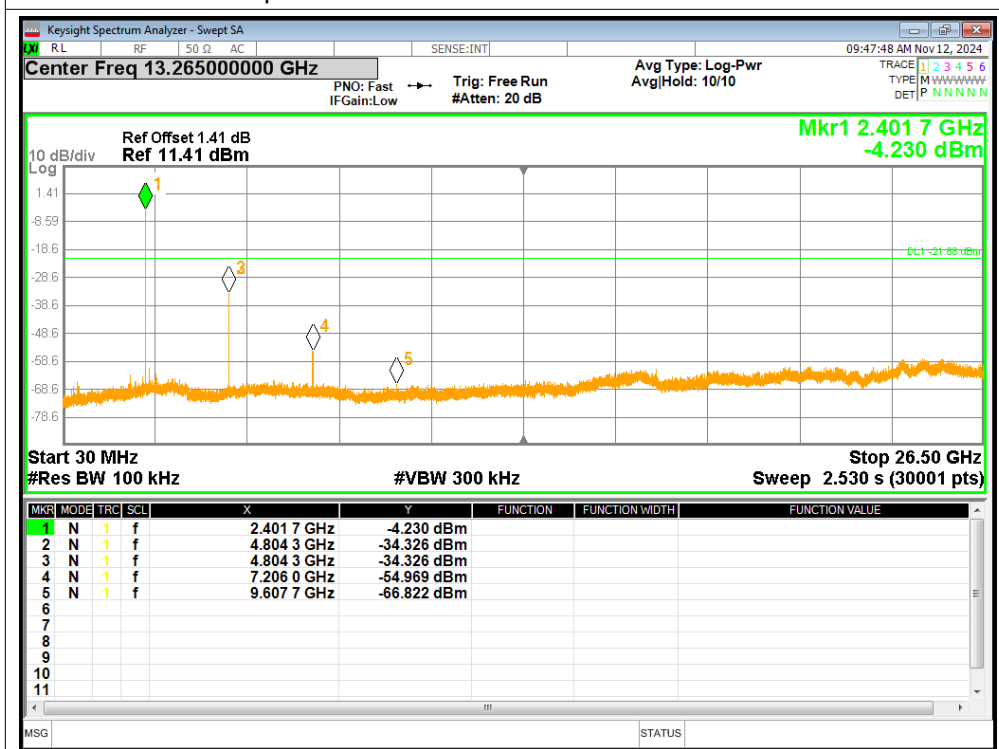
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



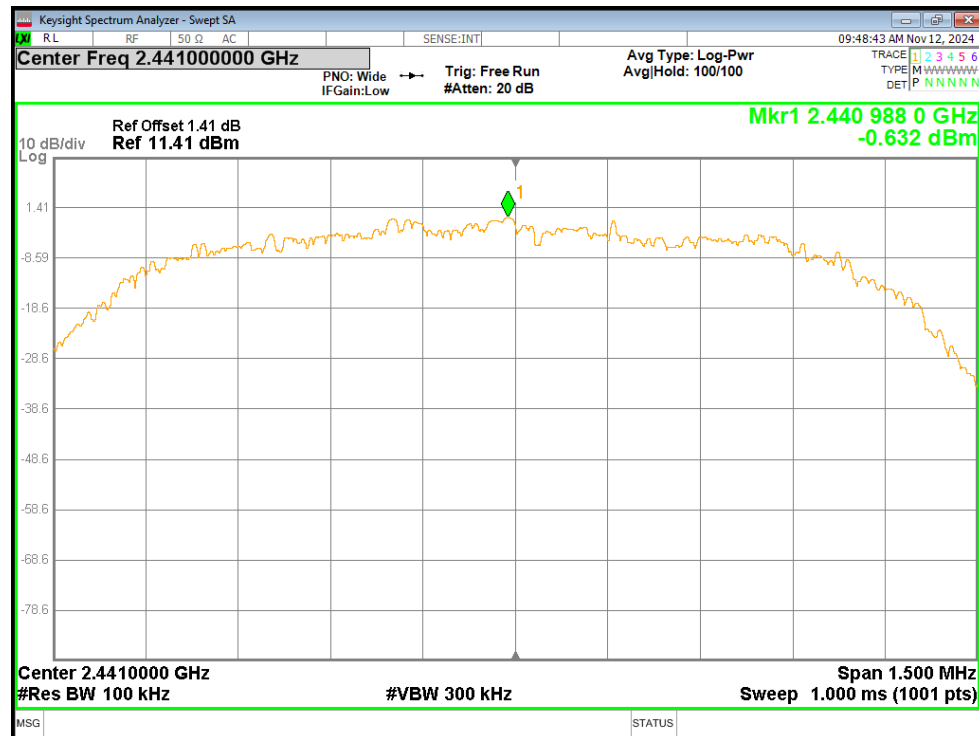
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



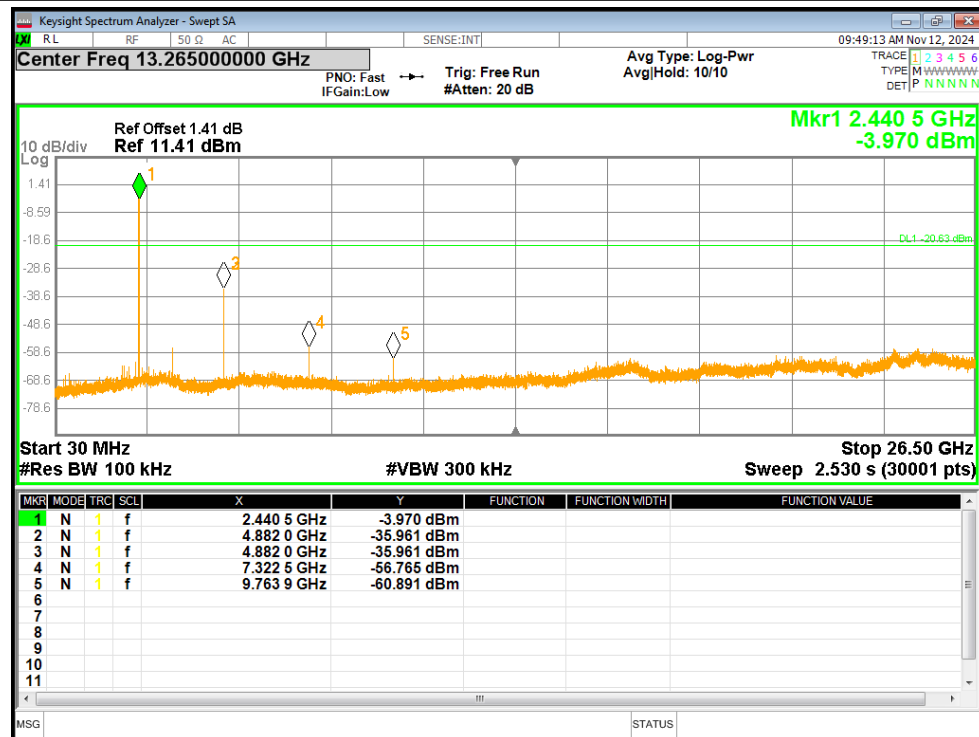
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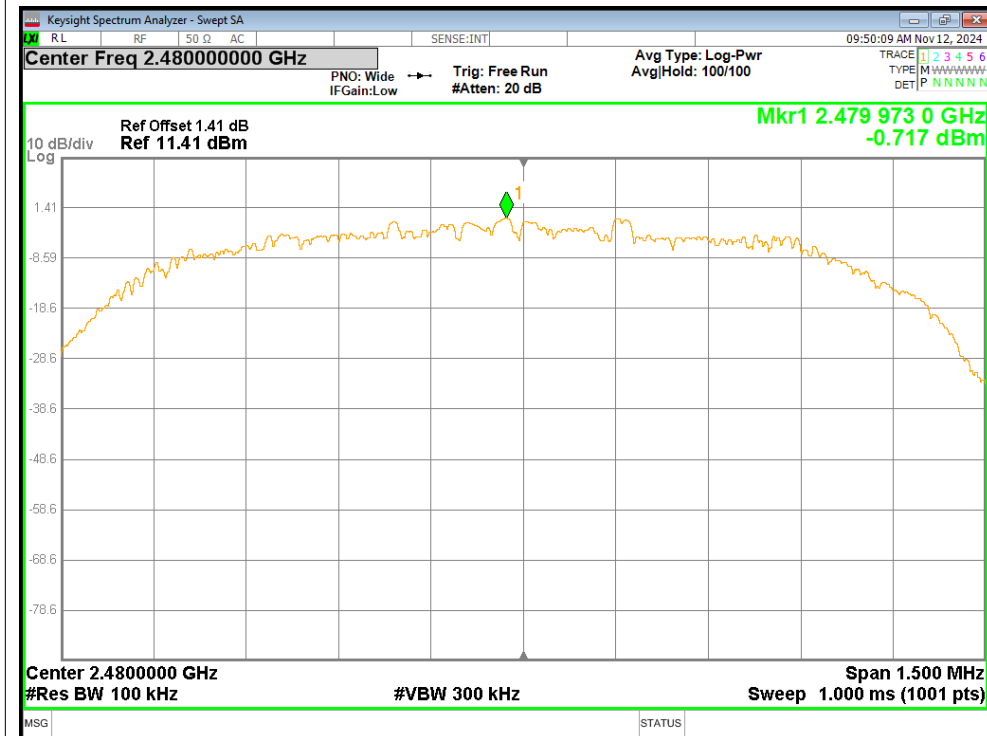
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

