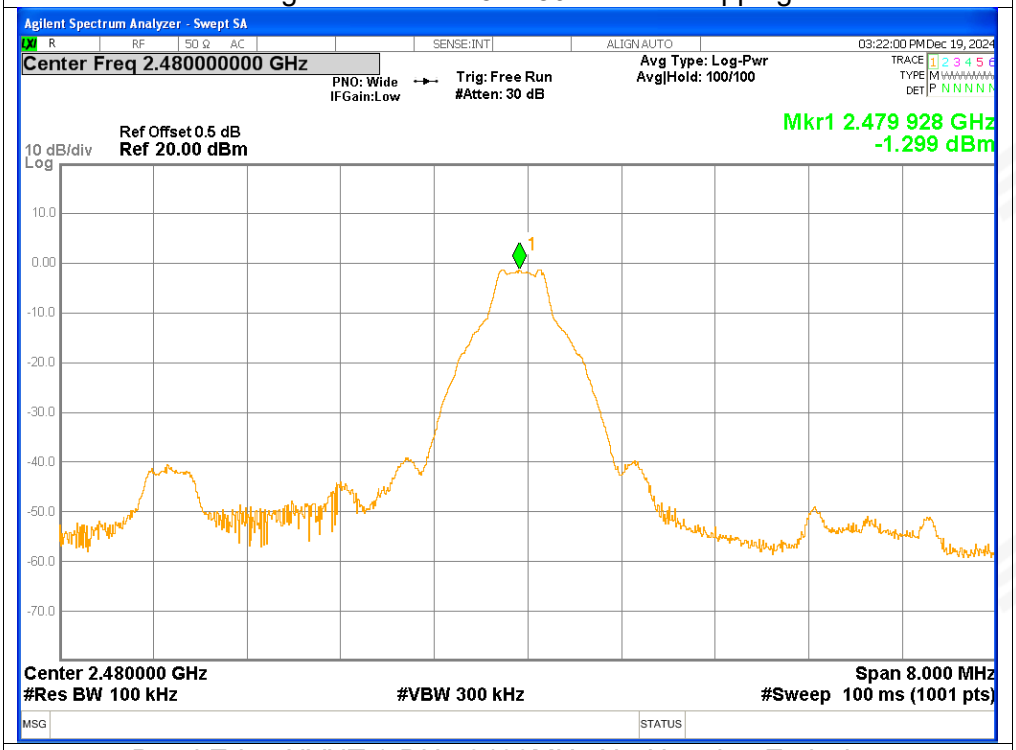
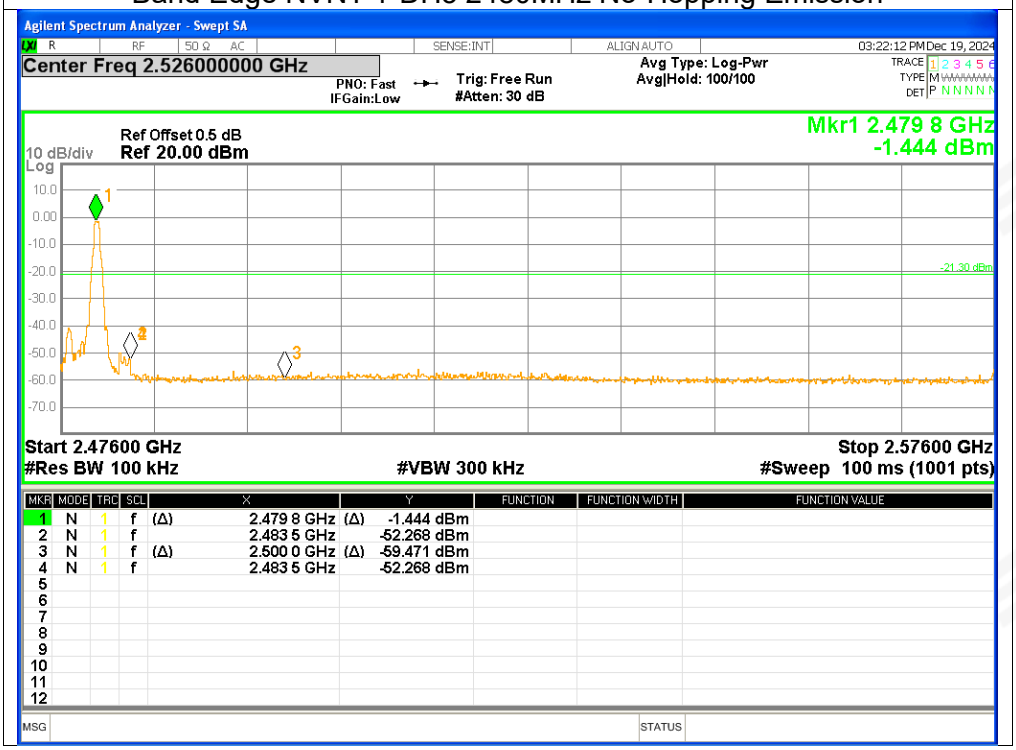
Band Edge NVNT 1-DH5 2480MHz No-Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.479 8 GHz	(Δ) -1.444 dBm			
2	N	1	f	2.483 5 GHz	-52.268 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -59.471 dBm			
4	N	1	f	2.483 5 GHz	-52.268 dBm			
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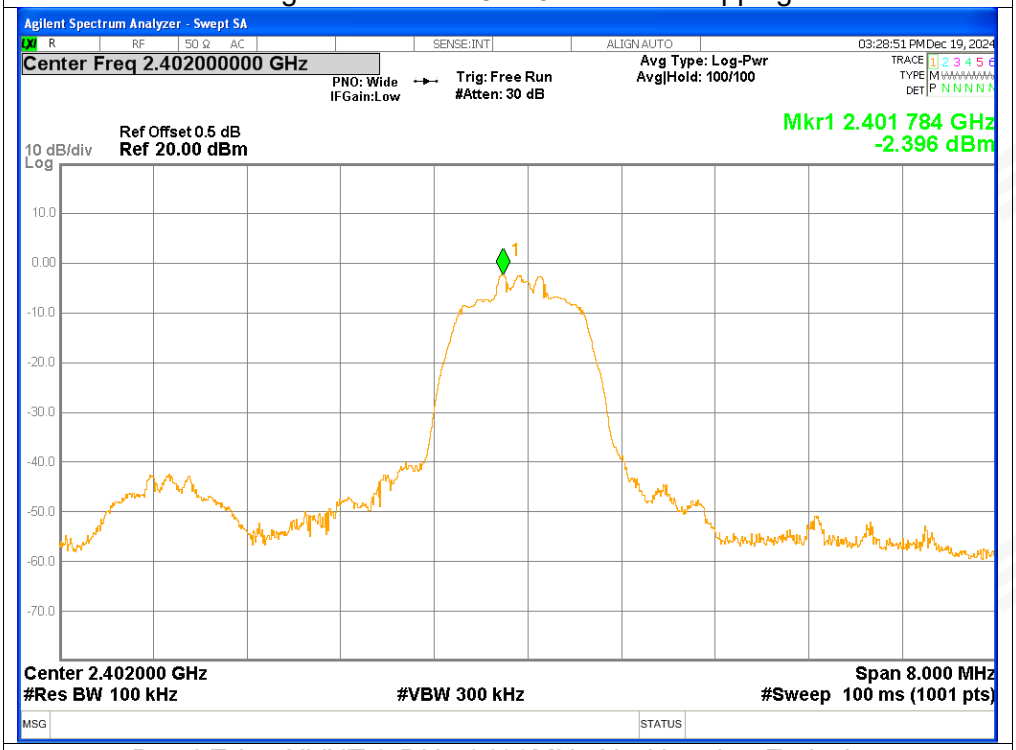
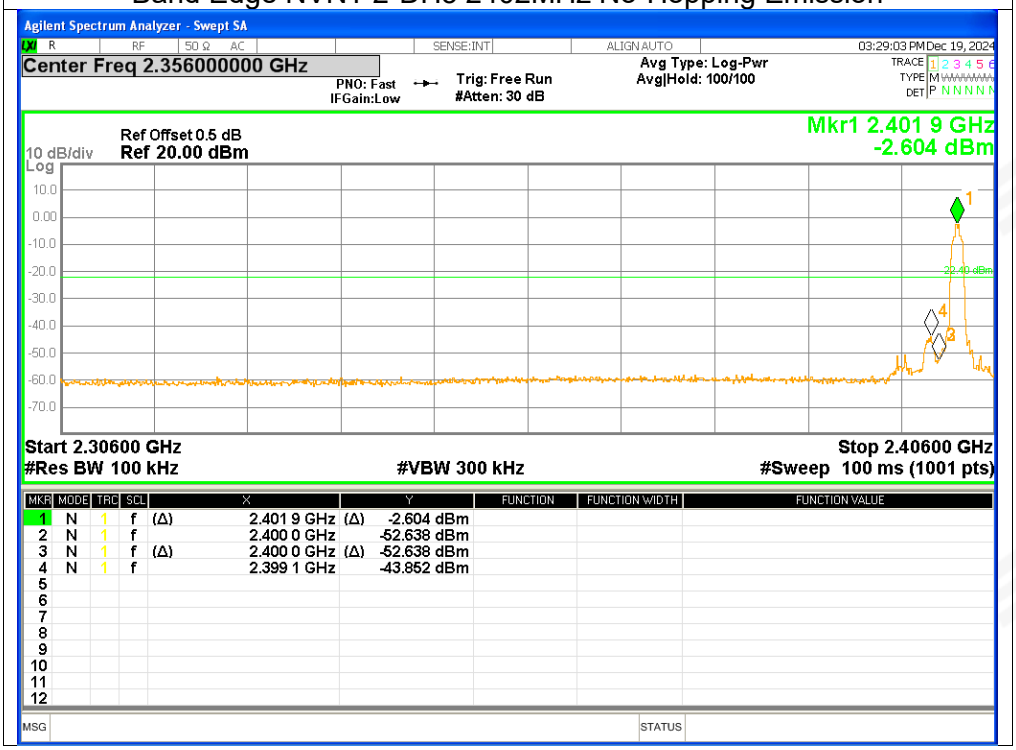
Band Edge NVNT 2-DH5 2402MHz No-Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 9 GHz	(Δ) -2.604 dBm			
2	N	1	f	2.400 0 GHz	-52.638 dBm			
3	N	1	f	(Δ) 2.400 0 GHz	(Δ) -52.638 dBm			
4	N	1	f	2.399 1 GHz	-43.852 dBm			
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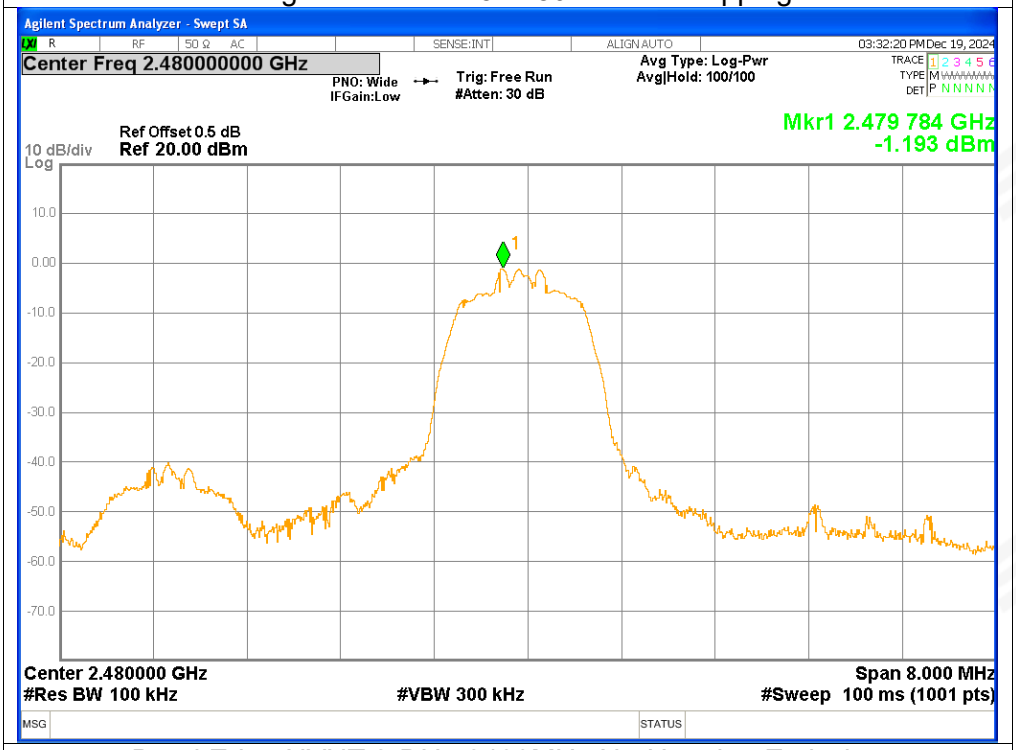
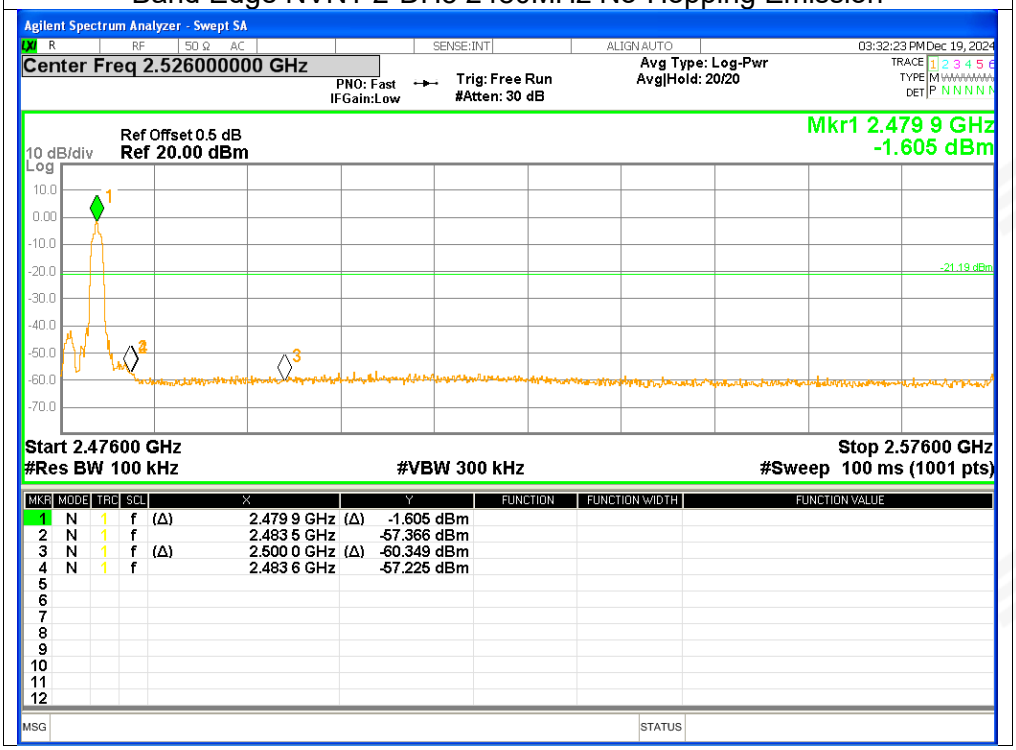
Band Edge NVNT 2-DH5 2480MHz No-Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.479 9 GHz	(Δ) -1.605 dBm			
2	N	1	f	2.483 5 GHz	-57.366 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -60.349 dBm			
4	N	1	f	2.483 6 GHz	-57.225 dBm			
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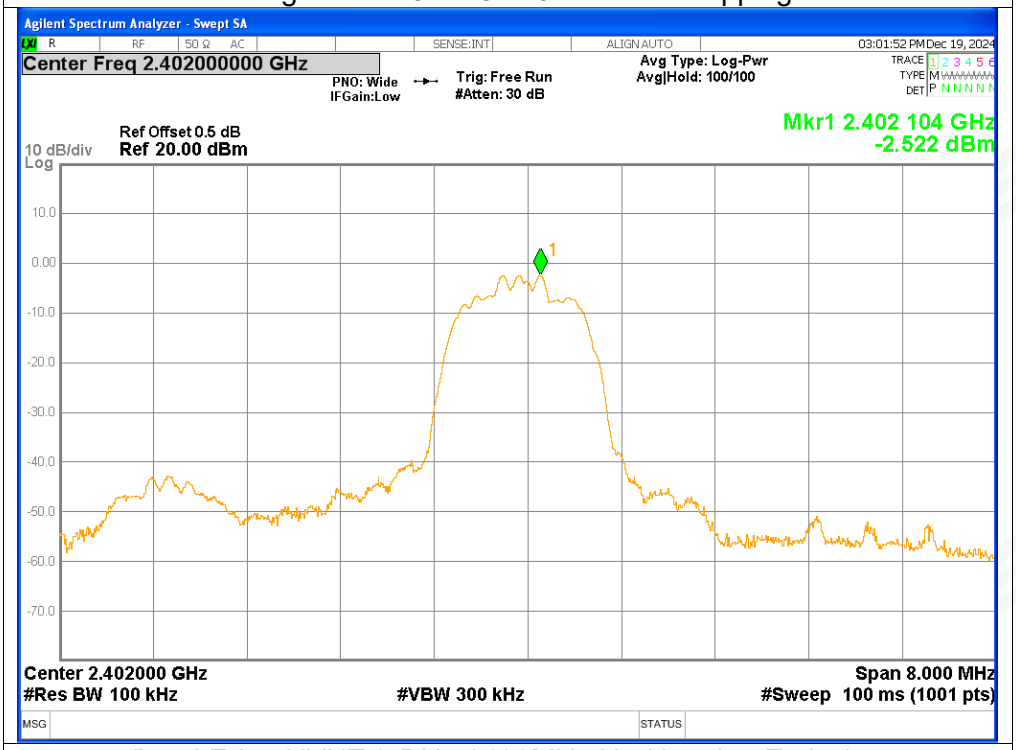
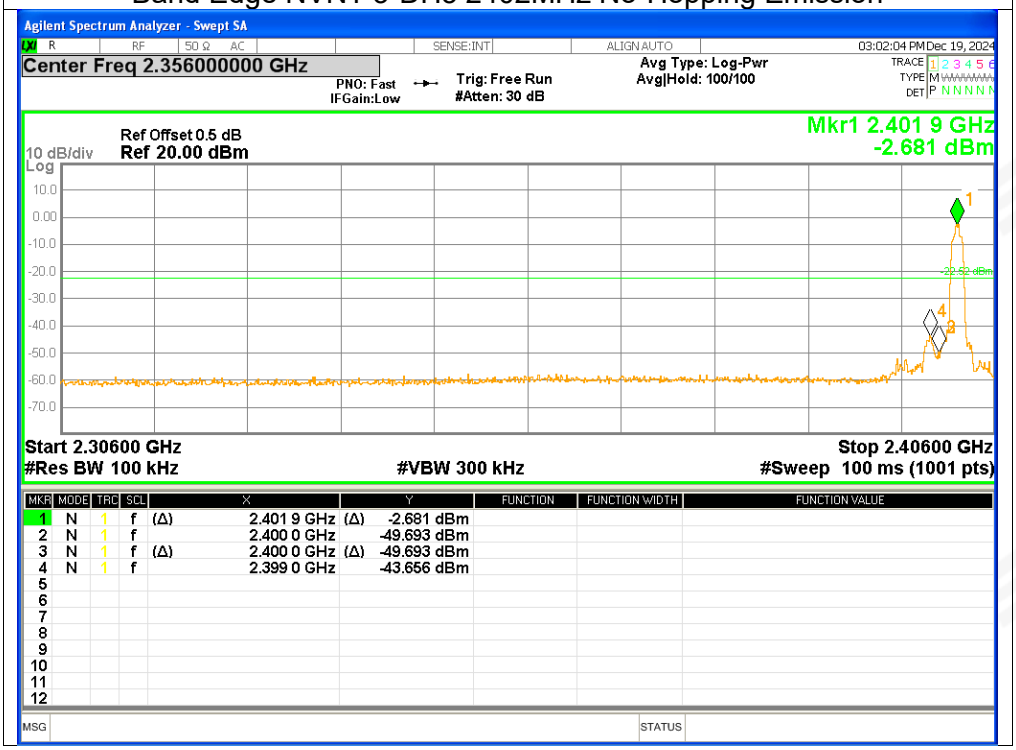
Band Edge NVNT 3-DH5 2402MHz No-Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 9 GHz	(Δ) -2.681 dBm			
2	N	1	f	2.400 0 GHz	-49.693 dBm			
3	N	1	f	(Δ) 2.400 0 GHz	(Δ) -49.693 dBm			
4	N	1	f	2.399 0 GHz	-43.656 dBm			
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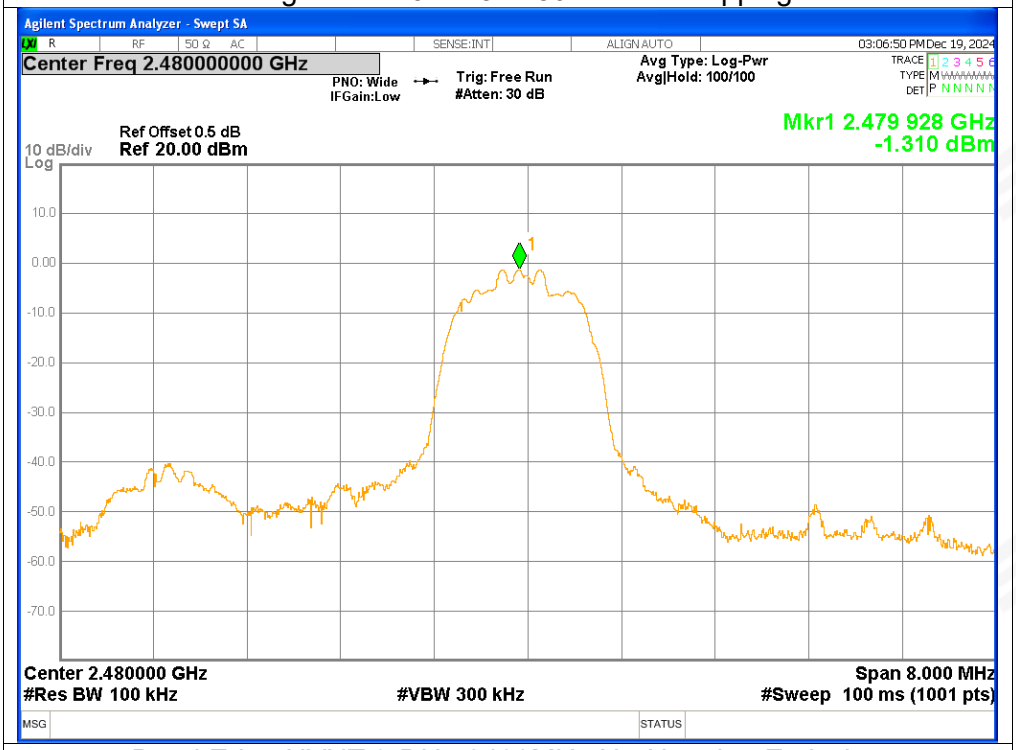
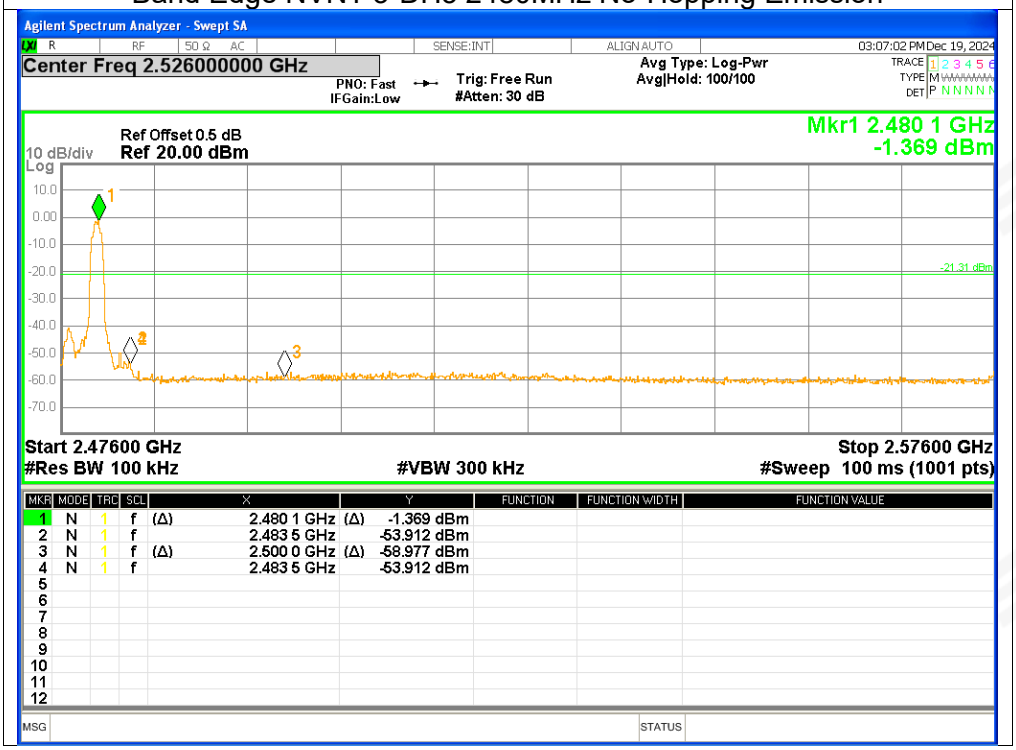
Band Edge NVNT 3-DH5 2480MHz No-Hopping Ref



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

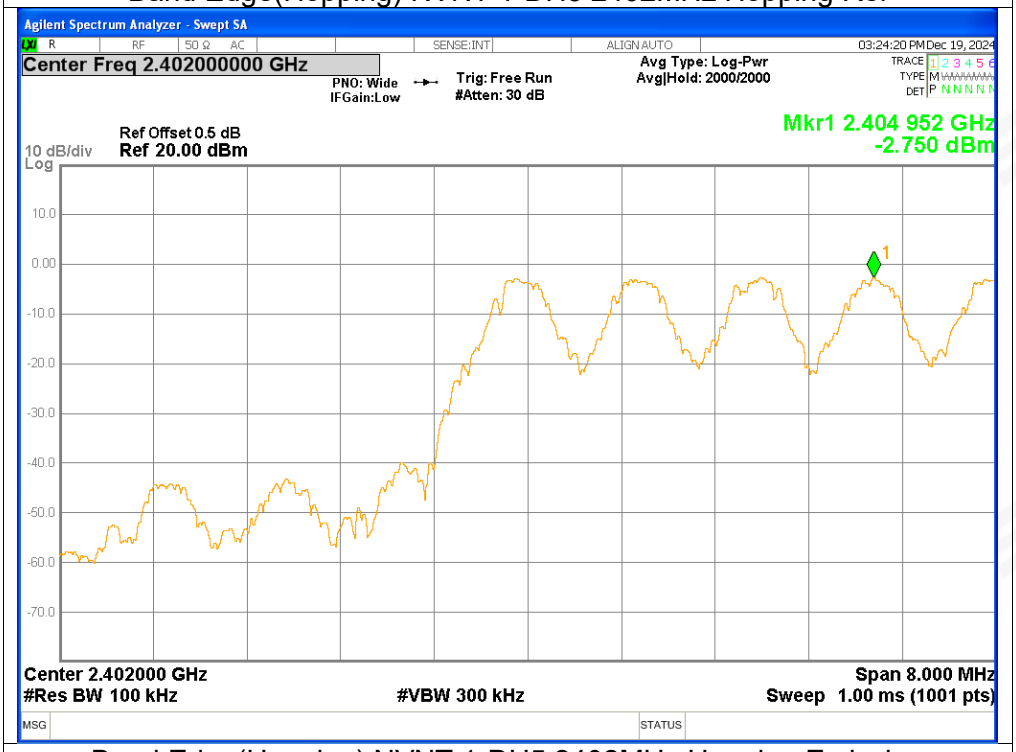


7. Band Edge(Hopping)

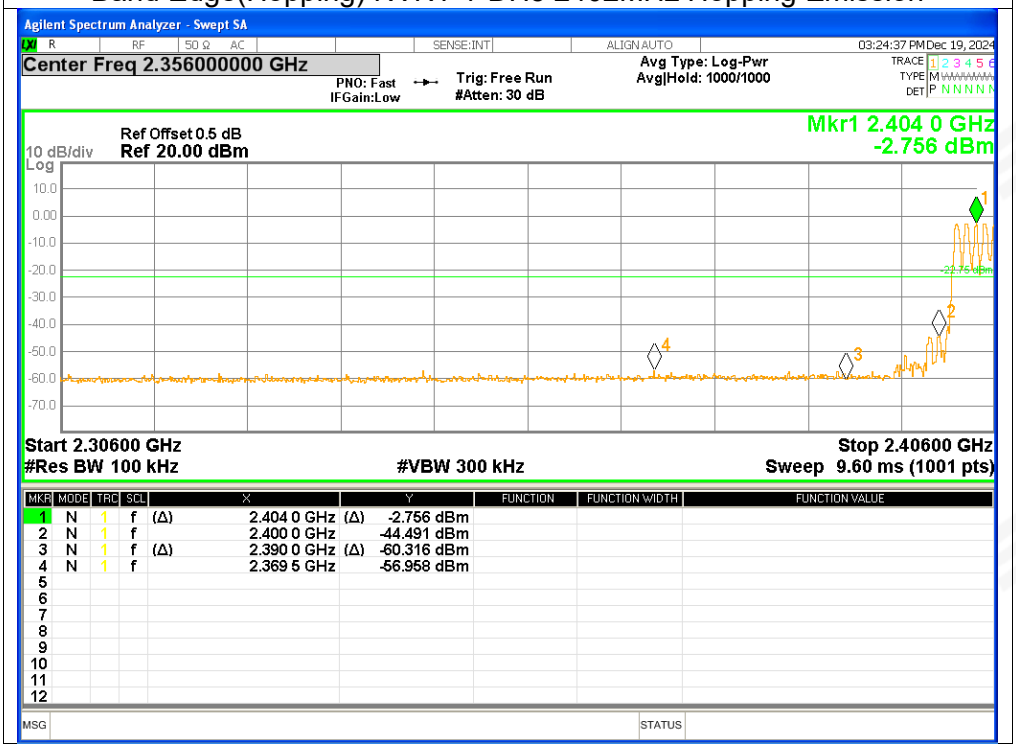
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Hopping	-54.2	<=-20	Pass
NVNT	1-DH5	2480	Hopping	-53.98	<=-20	Pass
NVNT	2-DH5	2402	Hopping	-53.62	<=-20	Pass
NVNT	2-DH5	2480	Hopping	-54.79	<=-20	Pass
NVNT	3-DH5	2402	Hopping	-54.18	<=-20	Pass
NVNT	3-DH5	2480	Hopping	-55.94	<=-20	Pass

Test Graphs

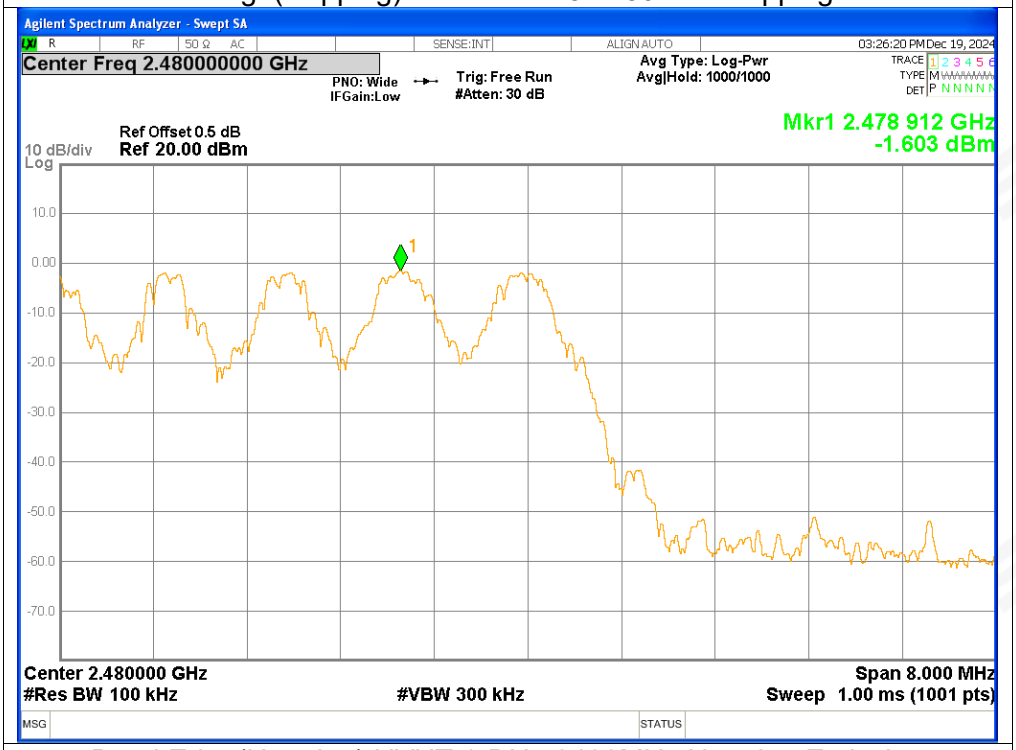
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Ref



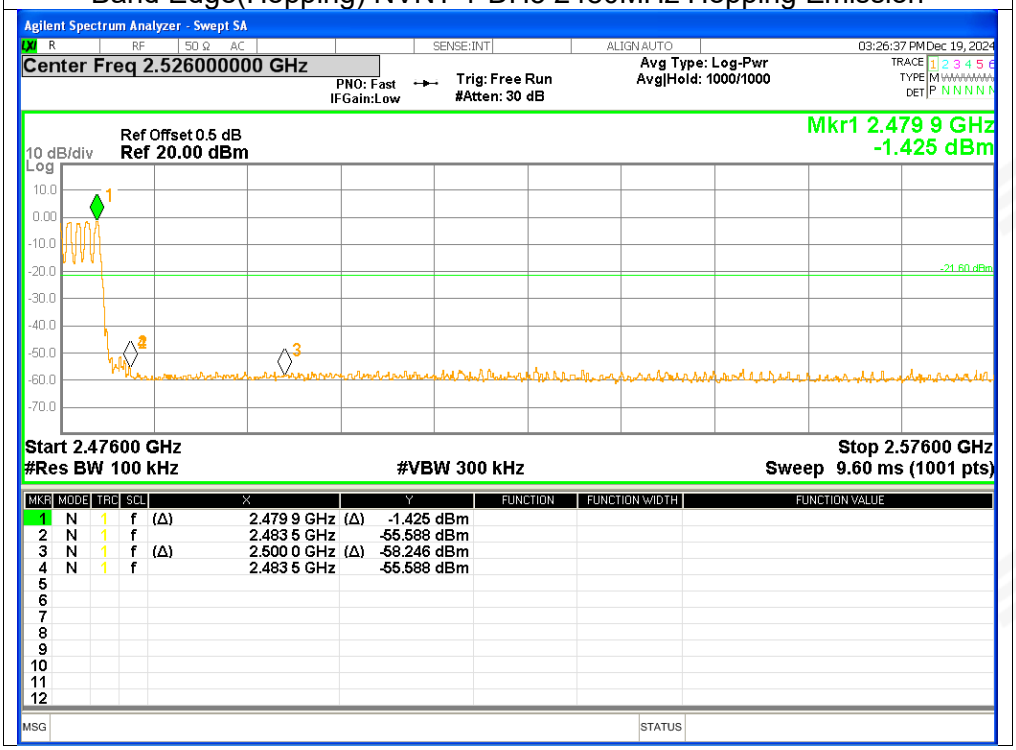
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Emission



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



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.479 9 GHz	(Δ) -1.425 dBm			
2	N	1	f	2.483 5 GHz	-55.588 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -58.246 dBm			
4	N	1	f	2.483 5 GHz	-55.588 dBm			
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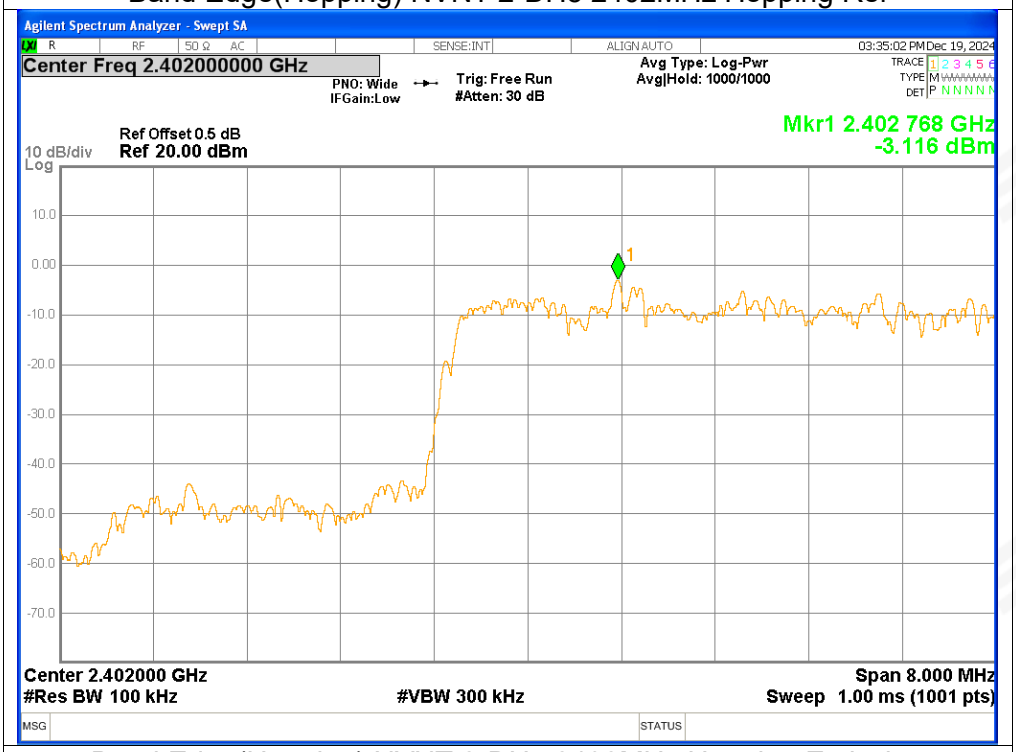
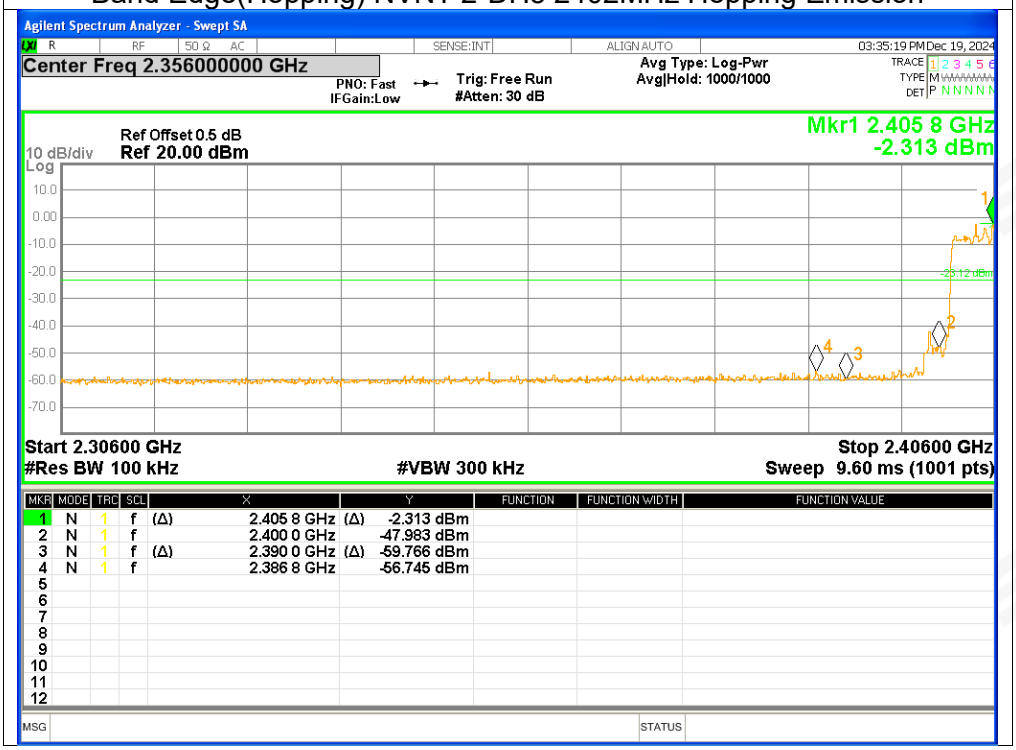
Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.405 8 GHz	(Δ) -2.313 dBm			
2	N	1	f	2.400 0 GHz	-47.983 dBm			
3	N	1	f	(Δ) 2.390 0 GHz	(Δ) -59.766 dBm			
4	N	1	f	2.386 8 GHz	-56.745 dBm			
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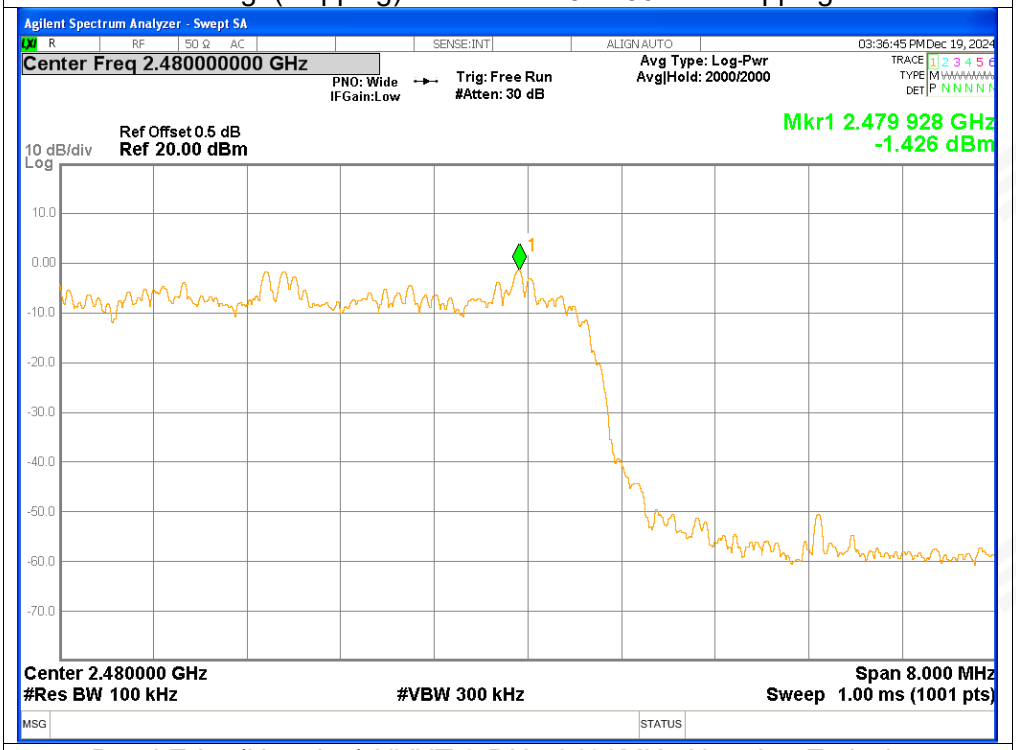
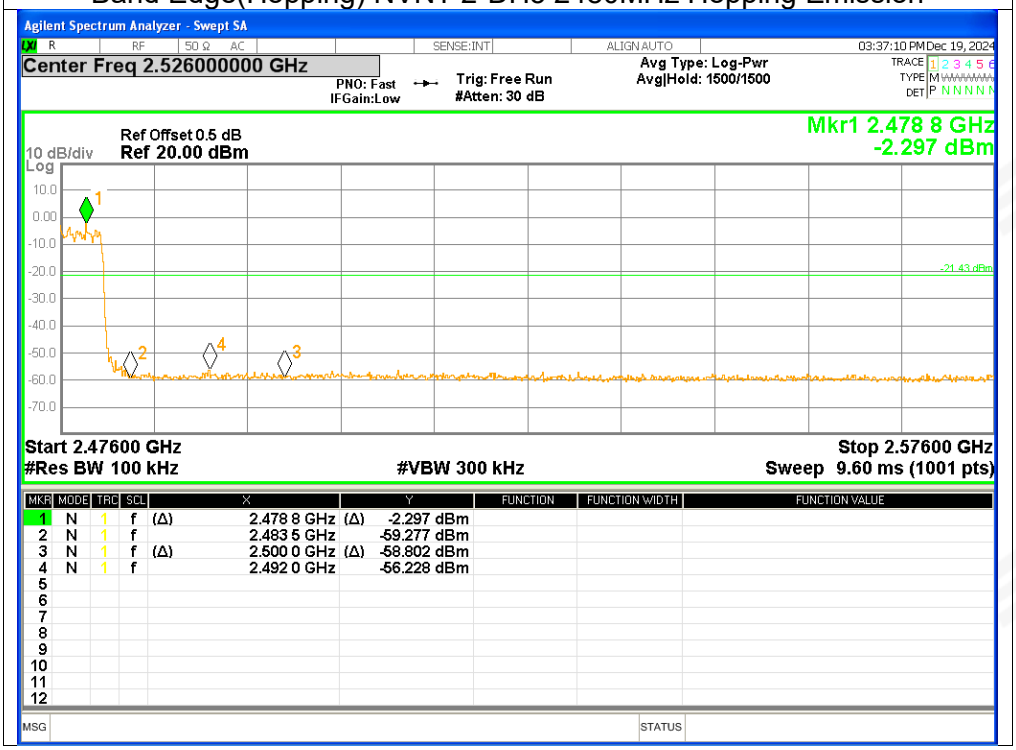
Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.478 8 GHz	(Δ) -2.297 dBm			
2	N	1	f	2.483 5 GHz	-59.277 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -58.802 dBm			
4	N	1	f	2.492 0 GHz	-56.228 dBm			
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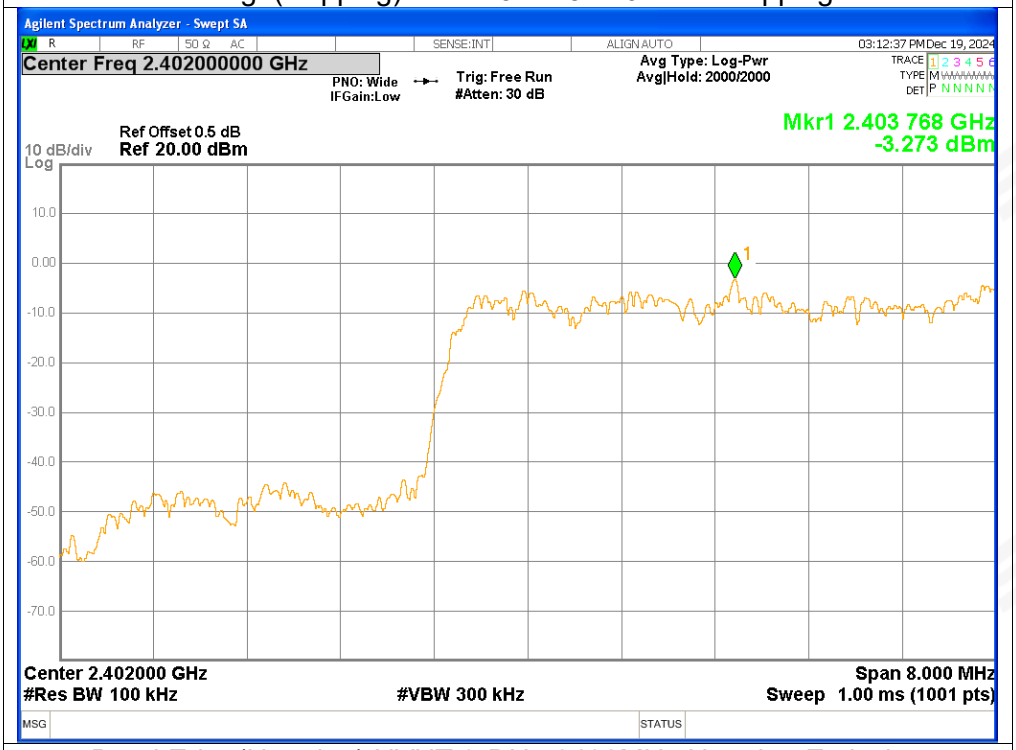
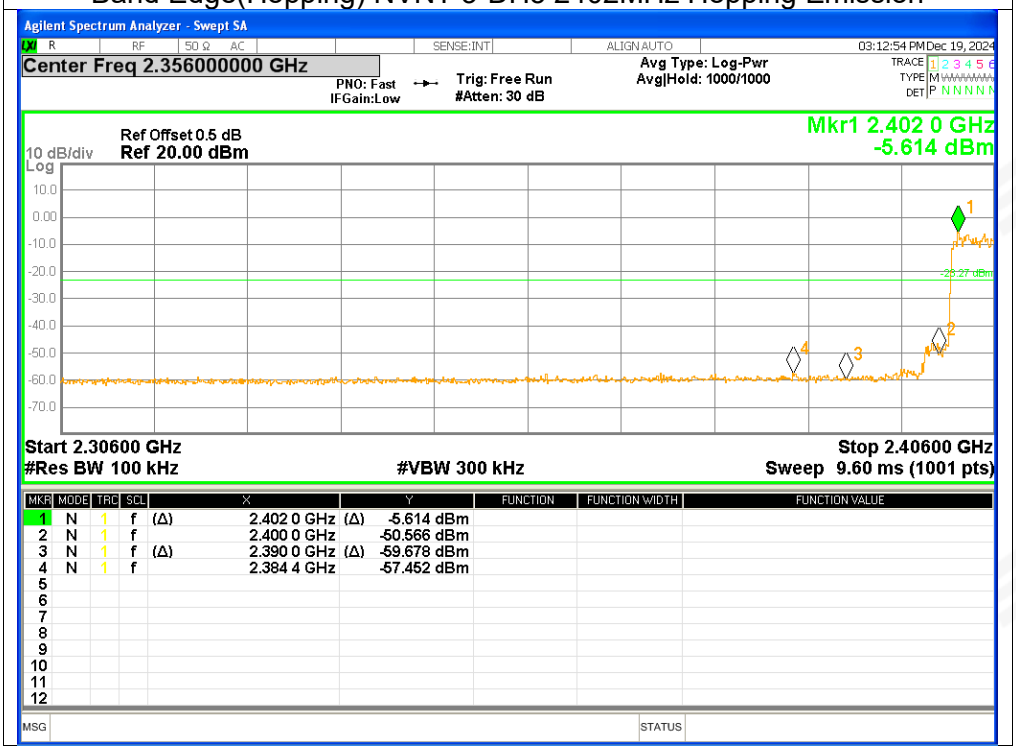
Band Edge(Hopping) NVNT 3-DH5 2402MHz Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.402 0 GHz	(Δ) -5.614 dBm			
2	N	1	f	2.400 0 GHz	-50.566 dBm			
3	N	1	f	(Δ) 2.390 0 GHz	(Δ) -59.678 dBm			
4	N	1	f	2.384 4 GHz	-57.452 dBm			
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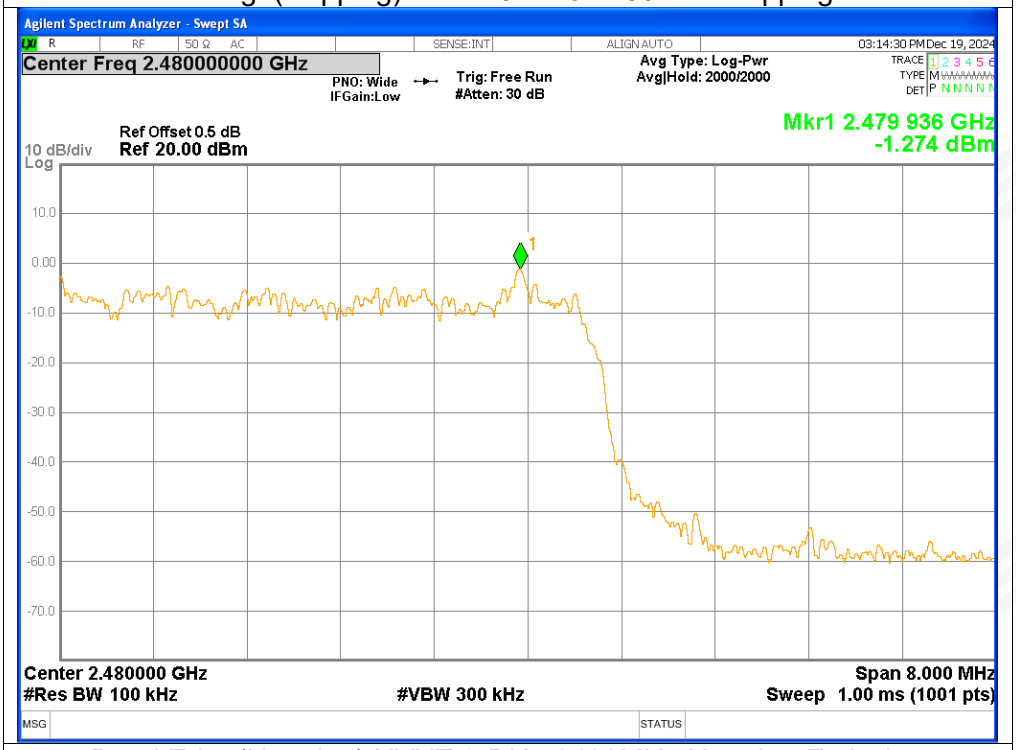
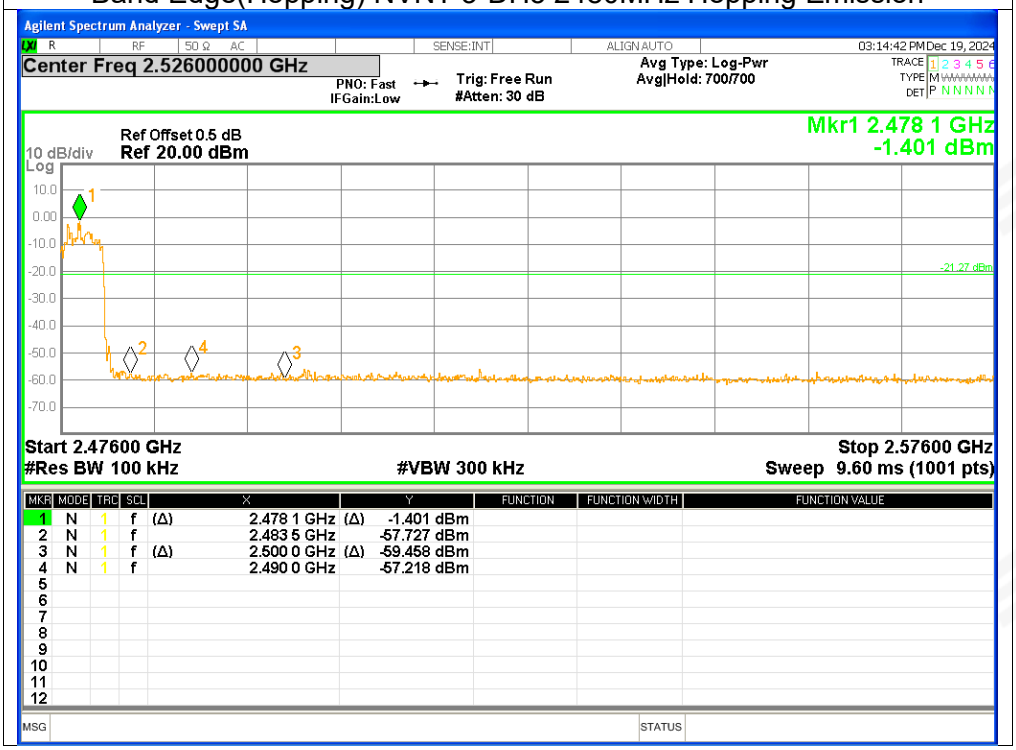
Band Edge(Hopping) NVNT 3-DH5 2480MHz Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.478 1 GHz	(Δ) -1.401 dBm			
2	N	1	f	2.483 5 GHz	-57.727 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -59.458 dBm			
4	N	1	f	2.490 0 GHz	-57.218 dBm			
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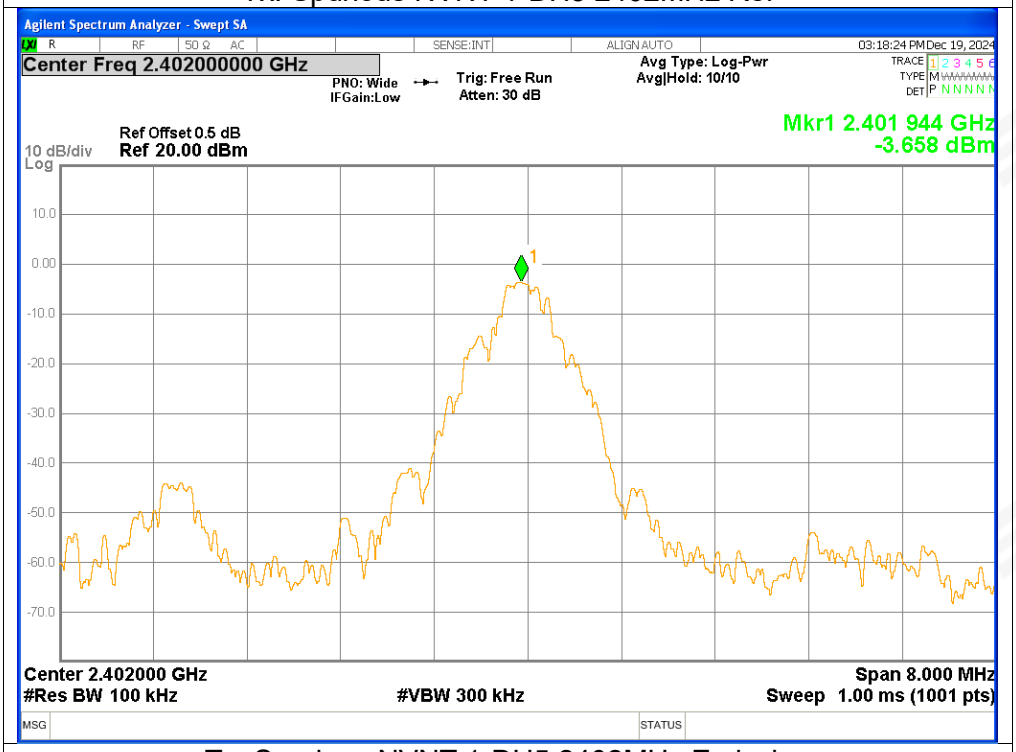
8. Conducted RF Spurious Emission

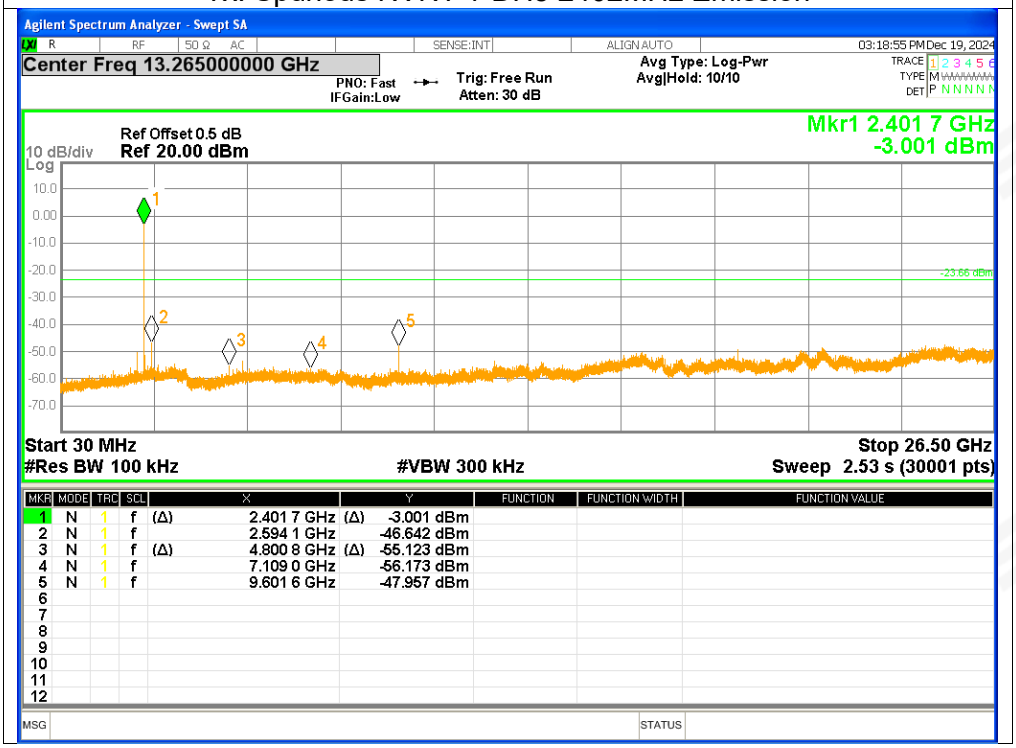
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	-42.98	<=-20	Pass
NVNT	1-DH5	2441	-43.57	<=-20	Pass
NVNT	1-DH5	2480	-46.01	<=-20	Pass
NVNT	2-DH5	2402	-40.52	<=-20	Pass
NVNT	2-DH5	2441	-42.04	<=-20	Pass
NVNT	2-DH5	2480	-44.37	<=-20	Pass
NVNT	3-DH5	2402	-44.91	<=-20	Pass
NVNT	3-DH5	2441	-44.32	<=-20	Pass
NVNT	3-DH5	2480	-46.21	<=-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ref



Tx. Spurious NVNT 1-DH5 2402MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 7 GHz	(Δ) -3.001 dBm			
2	N	1	f	2.594 1 GHz	-46.642 dBm			
3	N	1	f	(Δ) 4.800 8 GHz	(Δ) -55.123 dBm			
4	N	1	f	7.109 0 GHz	-56.173 dBm			
5	N	1	f	9.601 6 GHz	-47.957 dBm			
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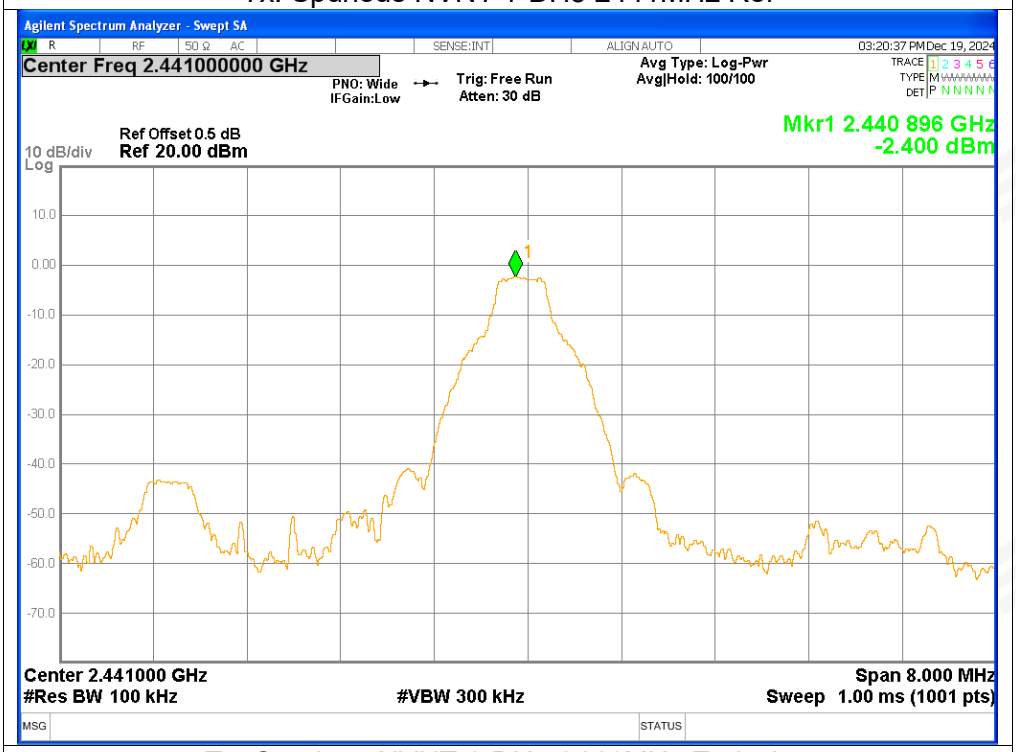
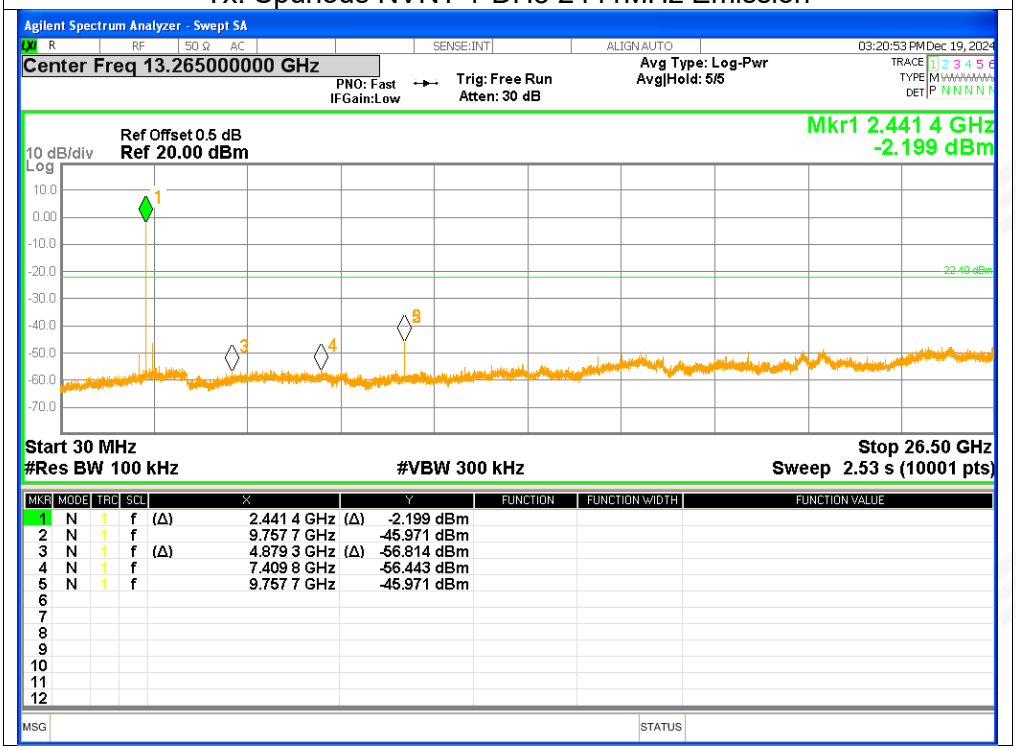
Tx. Spurious NVNT 1-DH5 2441MHz Ref



Tx. Spurious NVNT 1-DH5 2441MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.441 4 GHz	(Δ) -2.199 dBm			
2	N	1	f	9.757 7 GHz	-45.971 dBm			
3	N	1	f	(Δ) 4.879 3 GHz	(Δ) -56.814 dBm			
4	N	1	f	7.409 8 GHz	-56.443 dBm			
5	N	1	f	9.757 7 GHz	-45.971 dBm			
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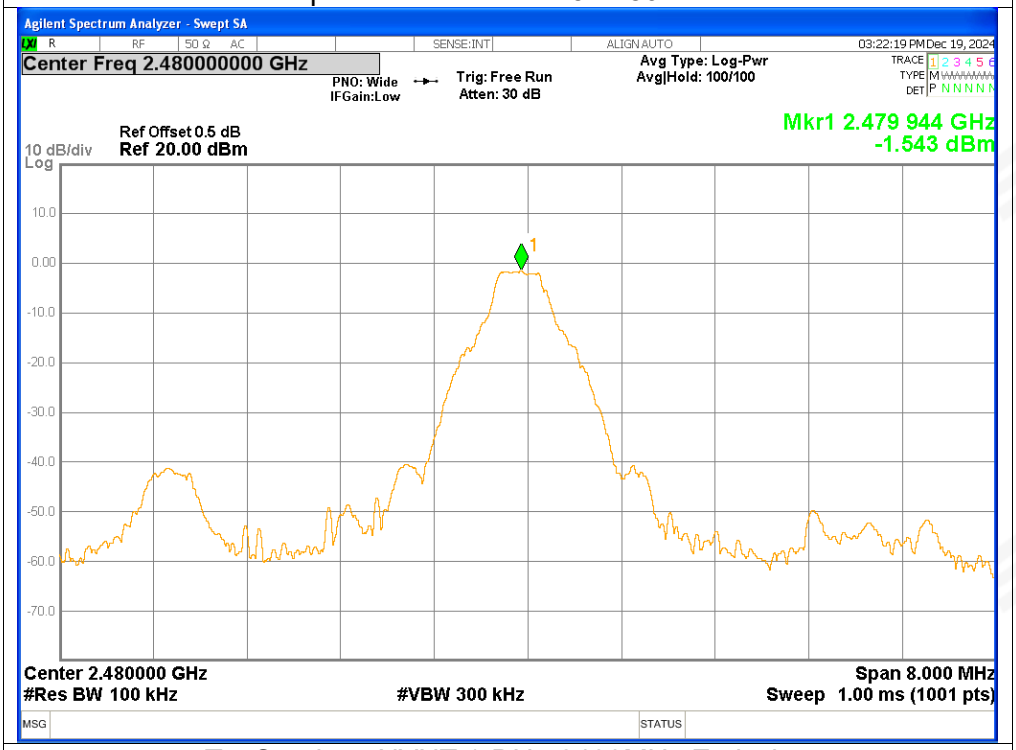
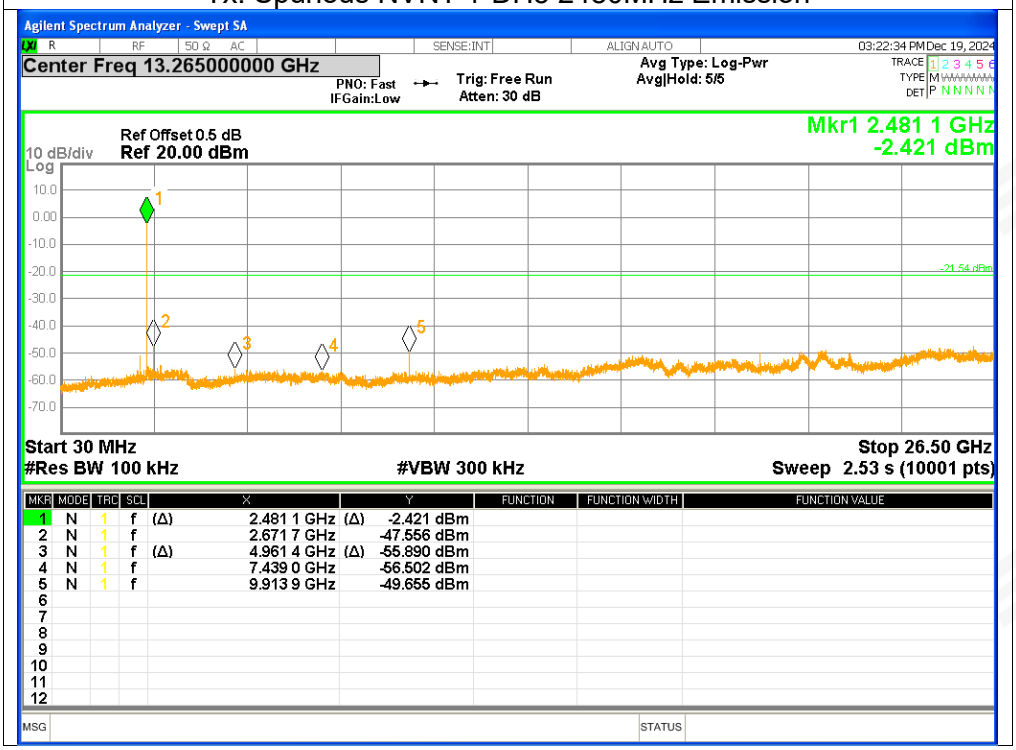
Tx. Spurious NVNT 1-DH5 2480MHz Ref



Tx. Spurious NVNT 1-DH5 2480MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.481 1 GHz	(Δ) -2.421 dBm			
2	N	1	f	2.671 7 GHz	-47.556 dBm			
3	N	1	f	(Δ) 4.961 4 GHz	(Δ) -55.890 dBm			
4	N	1	f	7.439 0 GHz	-56.502 dBm			
5	N	1	f	9.913 9 GHz	-49.655 dBm			
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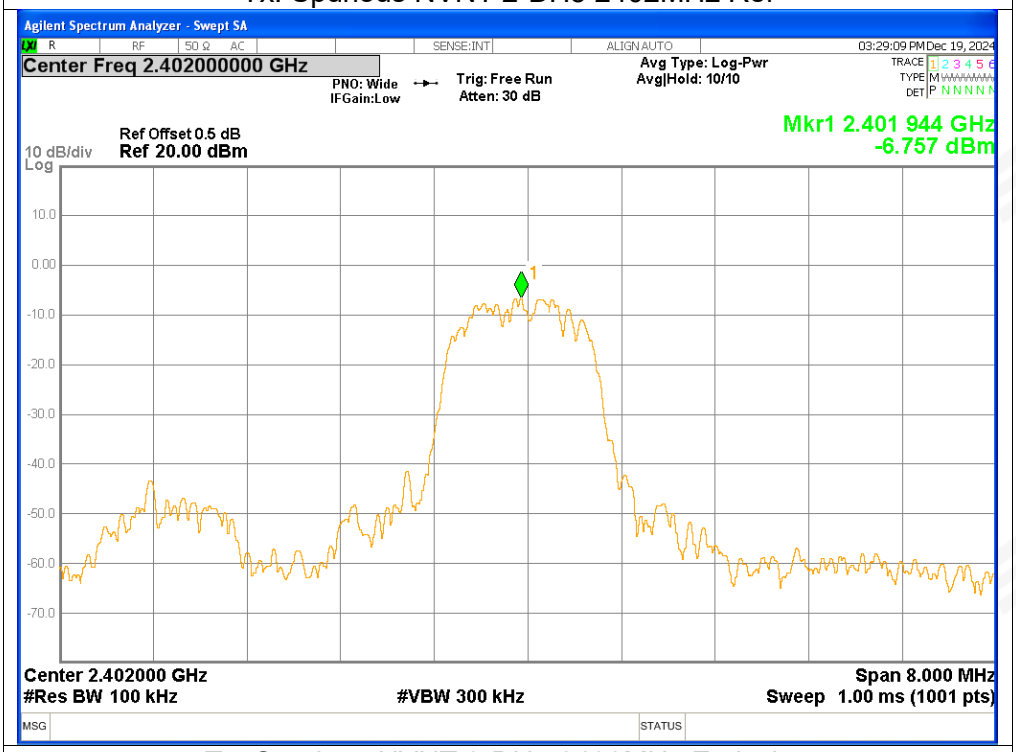
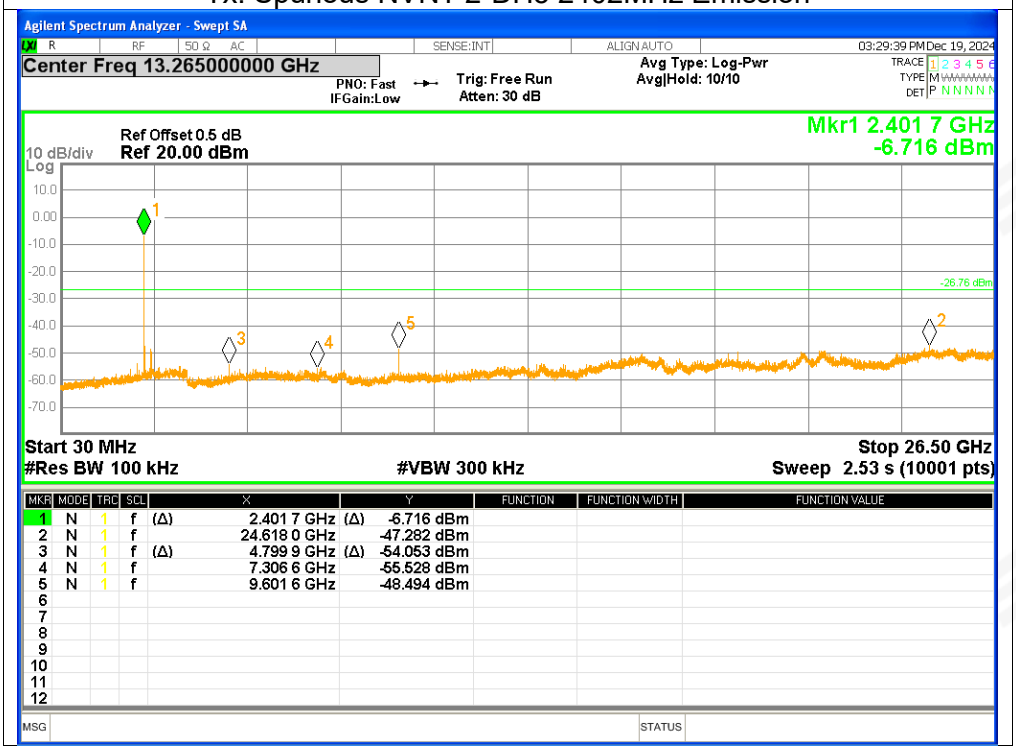
Tx. Spurious NVNT 2-DH5 2402MHz Ref



Tx. Spurious NVNT 2-DH5 2402MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 7 GHz	(Δ) -6.716 dBm			
2	N	1	f	24.618 0 GHz	-47.282 dBm			
3	N	1	f	(Δ) 4.799 9 GHz	(Δ) -54.053 dBm			
4	N	1	f	7.306 6 GHz	-55.528 dBm			
5	N	1	f	9.601 6 GHz	-48.494 dBm			
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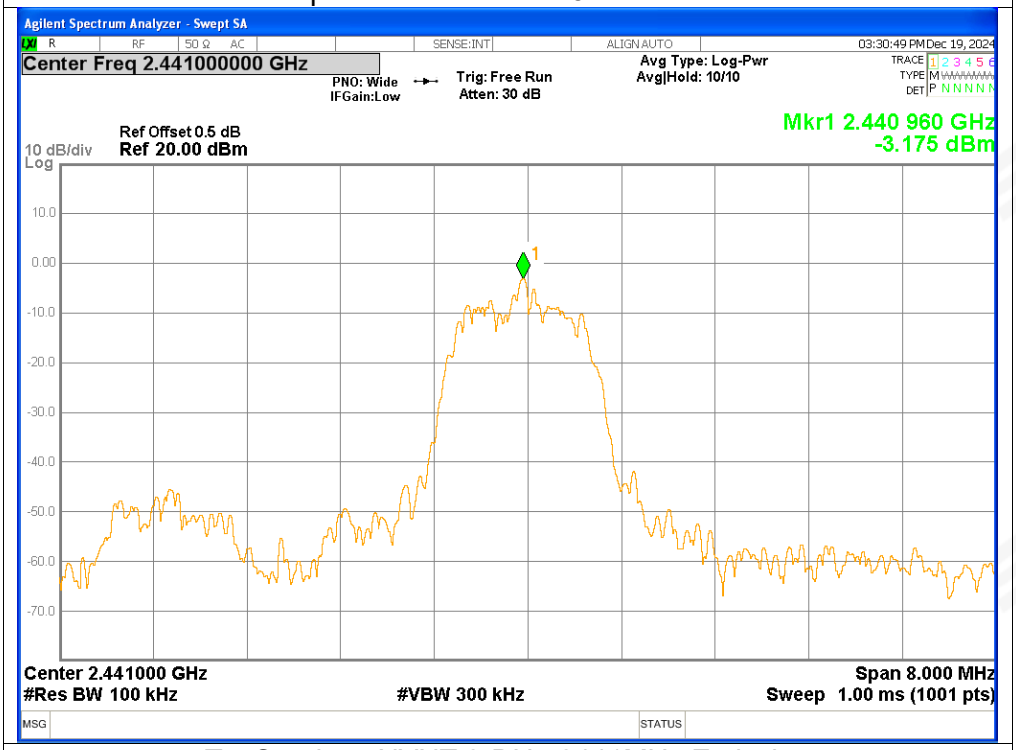
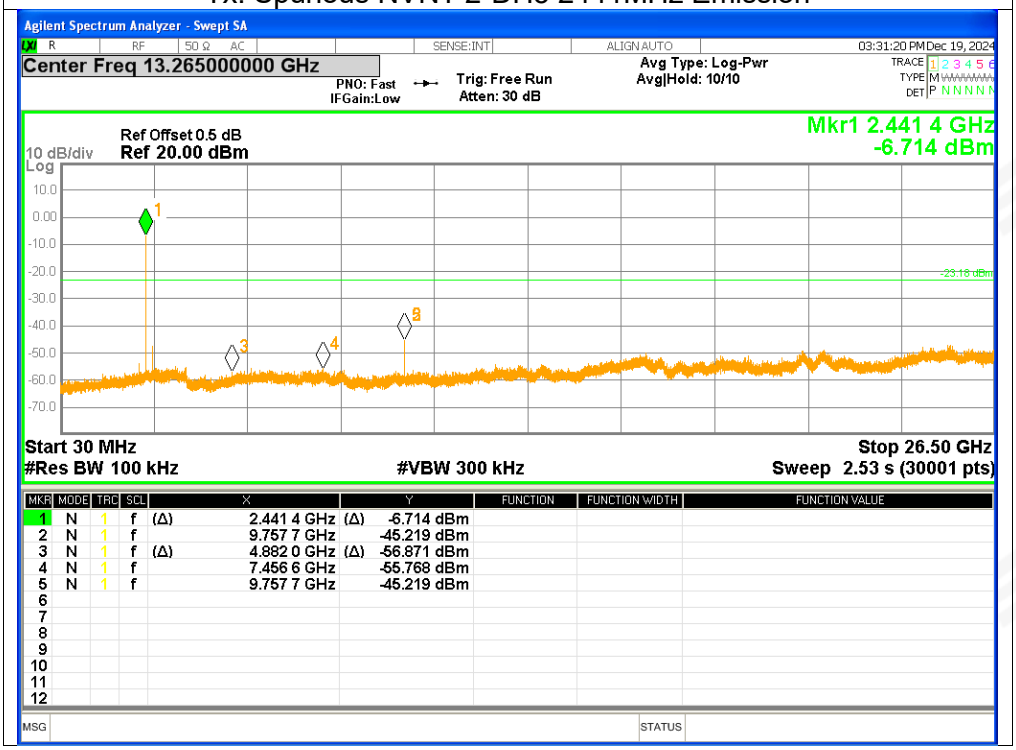
Tx. Spurious NVNT 2-DH5 2441MHz Ref



Tx. Spurious NVNT 2-DH5 2441MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.441 4 GHz	(Δ) -6.714 dBm			
2	N	1	f	9.757 7 GHz	-45.219 dBm			
3	N	1	f	(Δ) 4.882 0 GHz	(Δ) -56.871 dBm			
4	N	1	f	7.456 6 GHz	-55.768 dBm			
5	N	1	f	9.757 7 GHz	-45.219 dBm			
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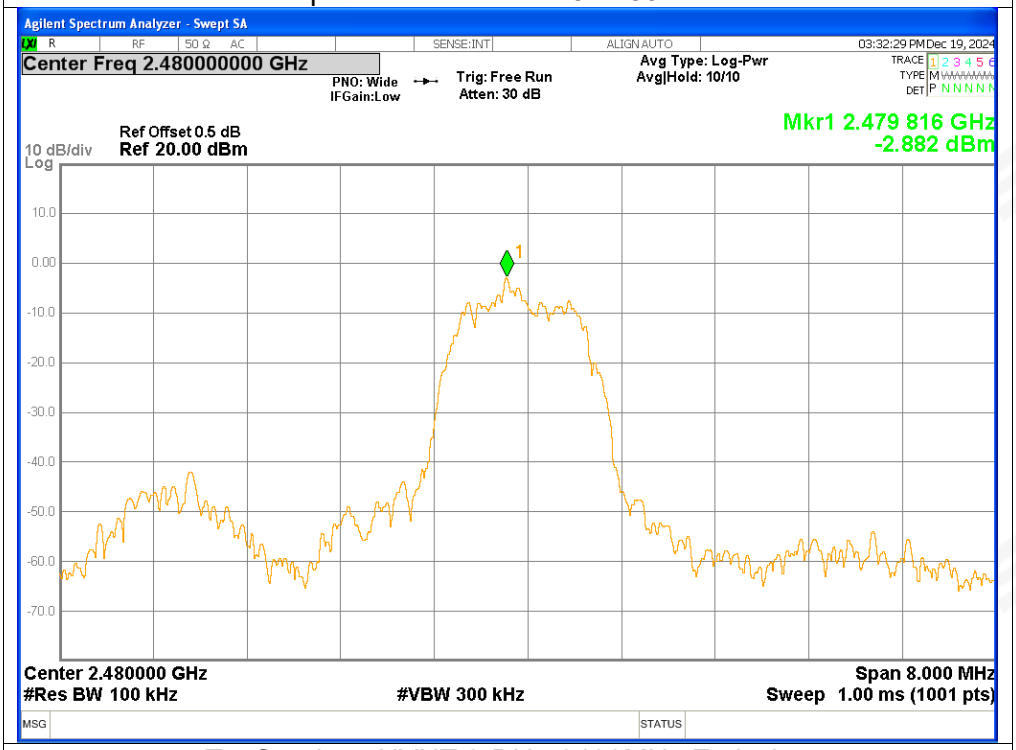
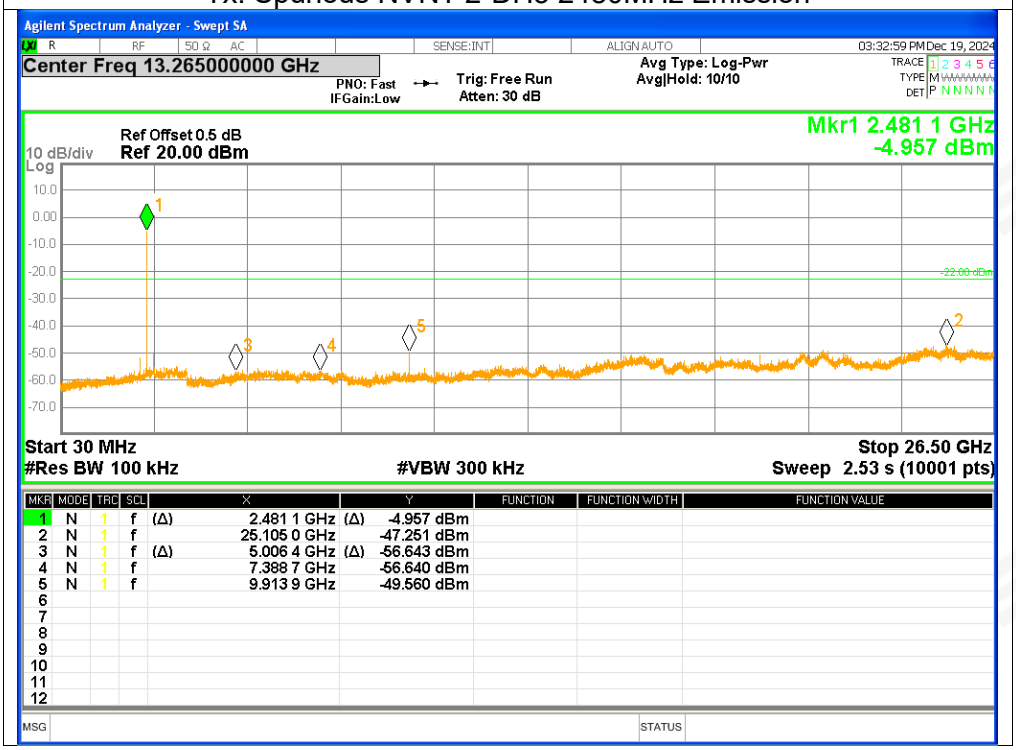
Tx. Spurious NVNT 2-DH5 2480MHz Ref



Tx. Spurious NVNT 2-DH5 2480MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.481 1 GHz	(Δ) -4.957 dBm			
2	N	1	f	25.105 0 GHz	-47.251 dBm			
3	N	1	f	(Δ) 5.006 4 GHz	(Δ) -56.643 dBm			
4	N	1	f	7.388 7 GHz	-56.640 dBm			
5	N	1	f	9.913 9 GHz	-49.560 dBm			
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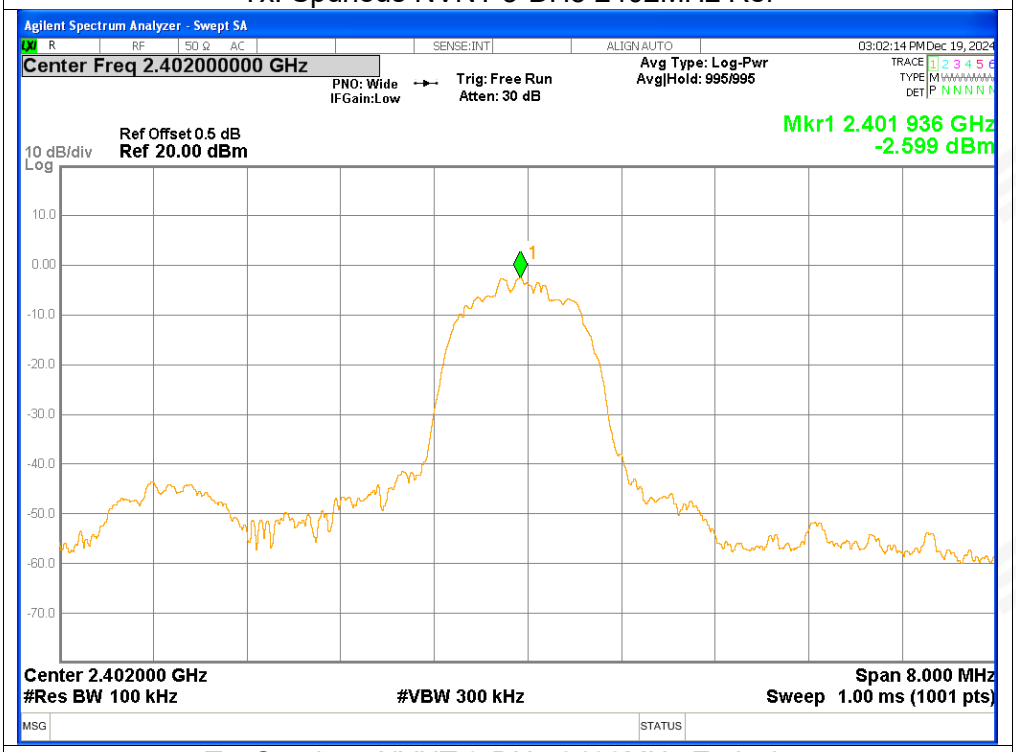
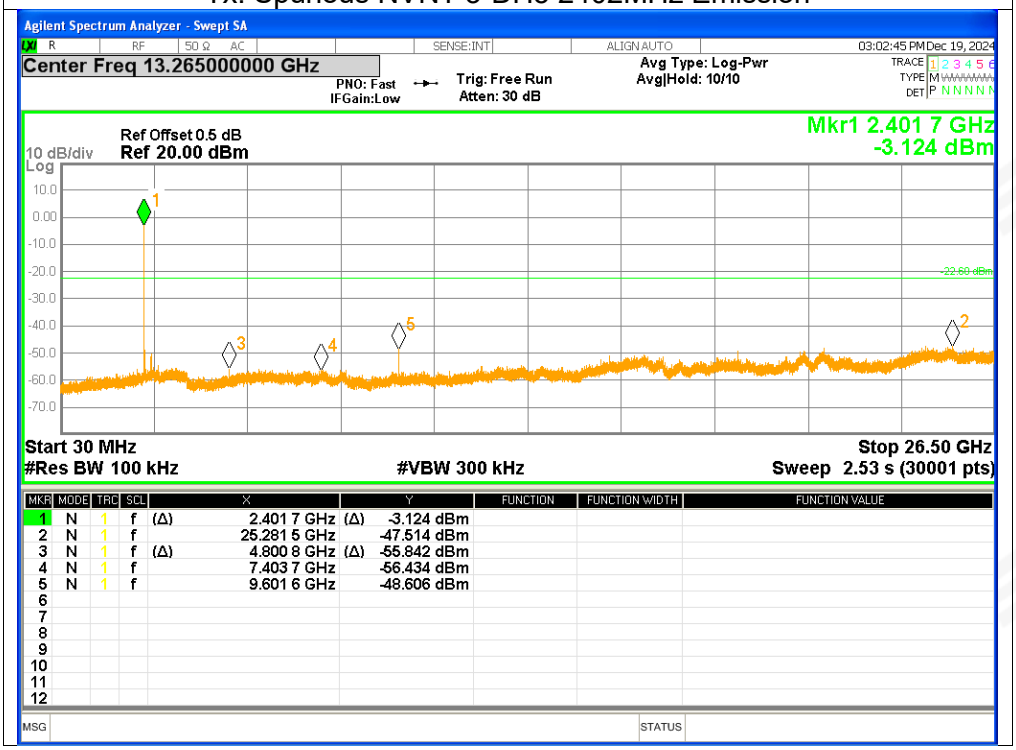
Tx. Spurious NVNT 3-DH5 2402MHz Ref

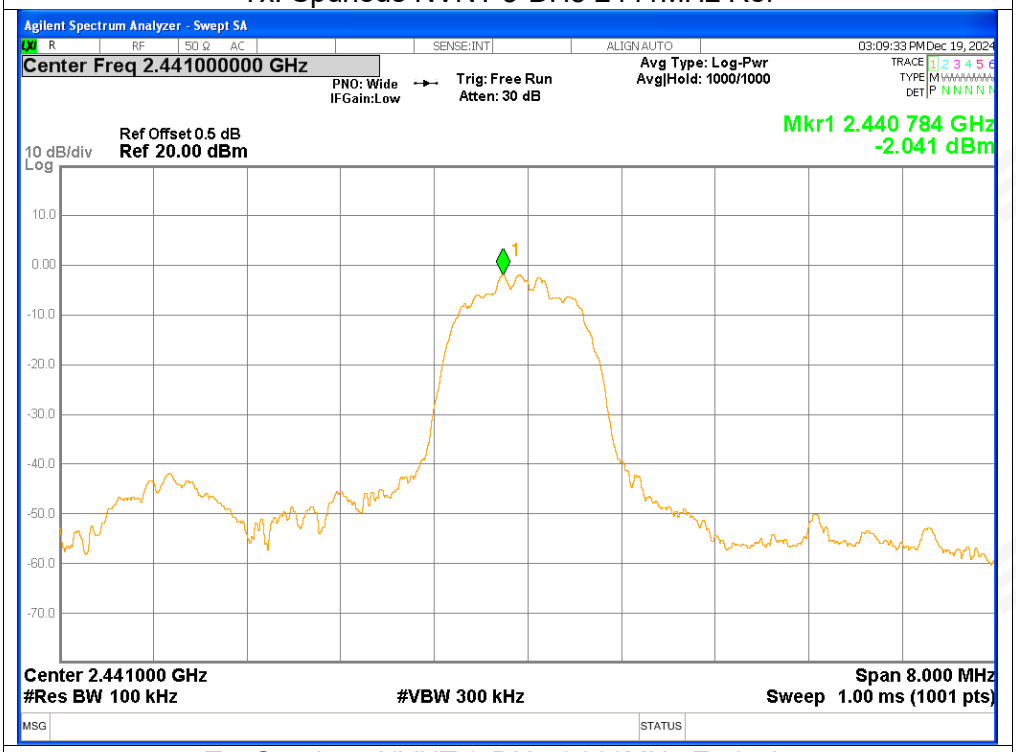


Tx. Spurious NVNT 3-DH5 2402MHz Emission

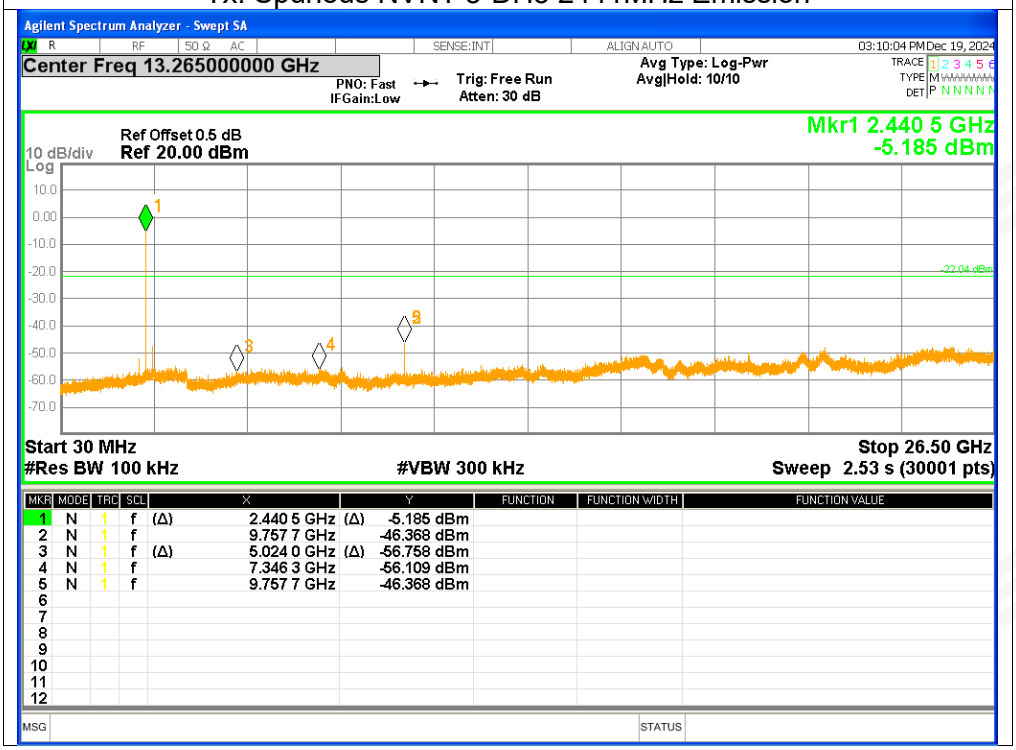


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 7 GHz	(Δ) -3.124 dBm			
2	N	1	f	25.281 5 GHz	-47.514 dBm			
3	N	1	f	(Δ) 4.800 8 GHz	(Δ) -55.842 dBm			
4	N	1	f	7.403 7 GHz	-56.434 dBm			
5	N	1	f	9.601 6 GHz	-48.606 dBm			
6								
7								
8								
9								
10								
11								
12								

Tx. Spurious NVNT 3-DH5 2441MHz Ref

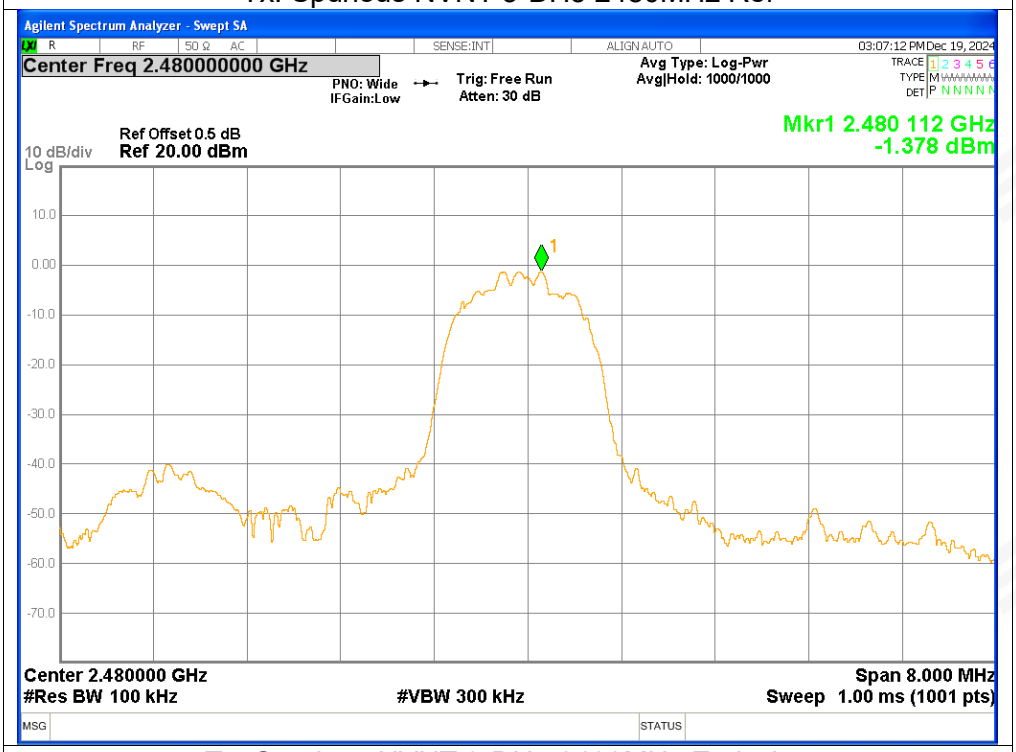


Tx. Spurious NVNT 3-DH5 2441MHz Emission

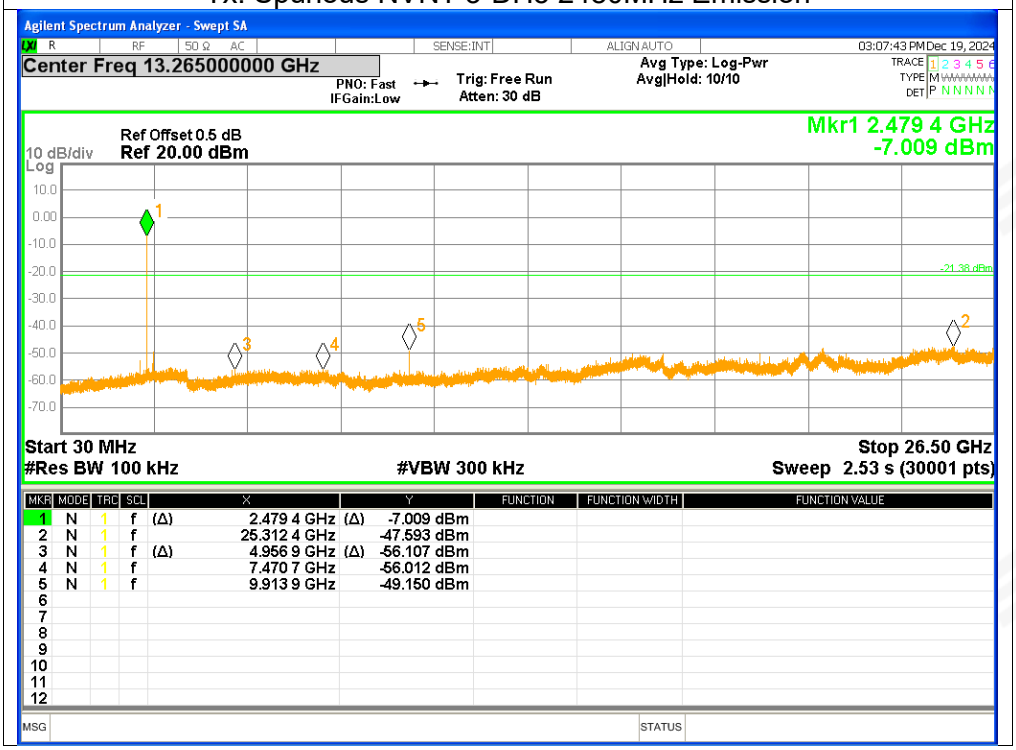


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.440 5 GHz	(Δ) -5.185 dBm			
2	N	1	f	9.757 7 GHz	-46.368 dBm			
3	N	1	f	(Δ) 5.024 0 GHz	(Δ) -56.758 dBm			
4	N	1	f	7.346 3 GHz	-56.109 dBm			
5	N	1	f	9.757 7 GHz	-46.368 dBm			
6								
7								
8								
9								
10								
11								
12								

Tx. Spurious NVNT 3-DH5 2480MHz Ref



Tx. Spurious NVNT 3-DH5 2480MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.479 4 GHz	(Δ) -7.009 dBm			
2	N	1	f	25.312 4 GHz	-47.593 dBm			
3	N	1	f	(Δ) 4.956 9 GHz	(Δ) -56.107 dBm			
4	N	1	f	7.470 7 GHz	-56.012 dBm			
5	N	1	f	9.913 9 GHz	-49.150 dBm			
6								
7								
8								
9								
10								
11								
12								

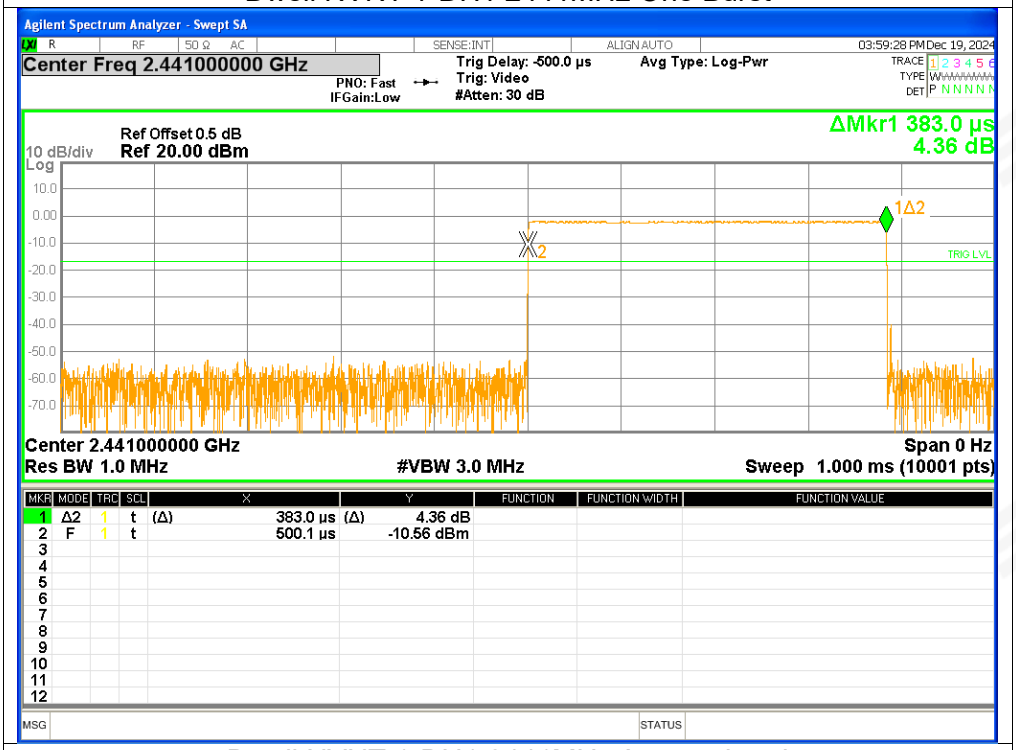
Right

1. Dwell Time

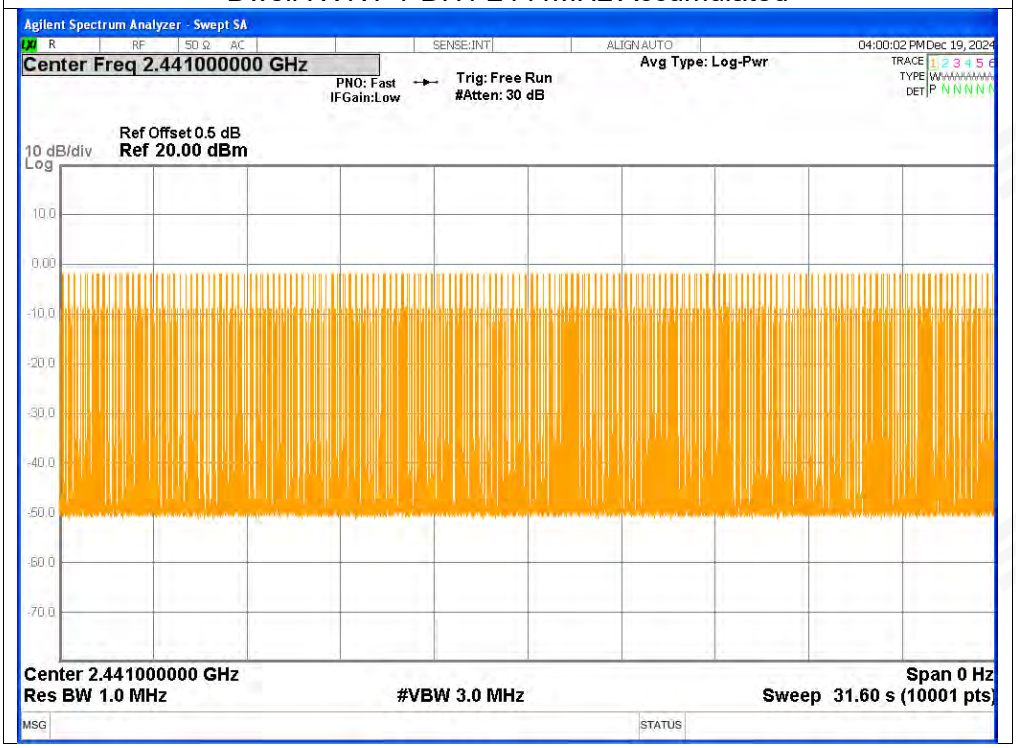
Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.383	122.177	319	31600	<=400	Pass
NVNT	1-DH3	2441	1.639	273.713	167	31600	<=400	Pass
NVNT	1-DH5	2441	2.886	277.056	96	31600	<=400	Pass
NVNT	2-DH1	2441	0.392	125.048	319	31600	<=400	Pass
NVNT	2-DH3	2441	1.644	246.6	150	31600	<=400	Pass
NVNT	2-DH5	2441	2.891	303.555	105	31600	<=400	Pass
NVNT	3-DH1	2441	0.392	125.048	319	31600	<=400	Pass
NVNT	3-DH3	2441	1.643	264.523	161	31600	<=400	Pass
NVNT	3-DH5	2441	2.894	269.142	93	31600	<=400	Pass

Test Graphs

Dwell NVNT 1-DH1 2441MHz One Burst

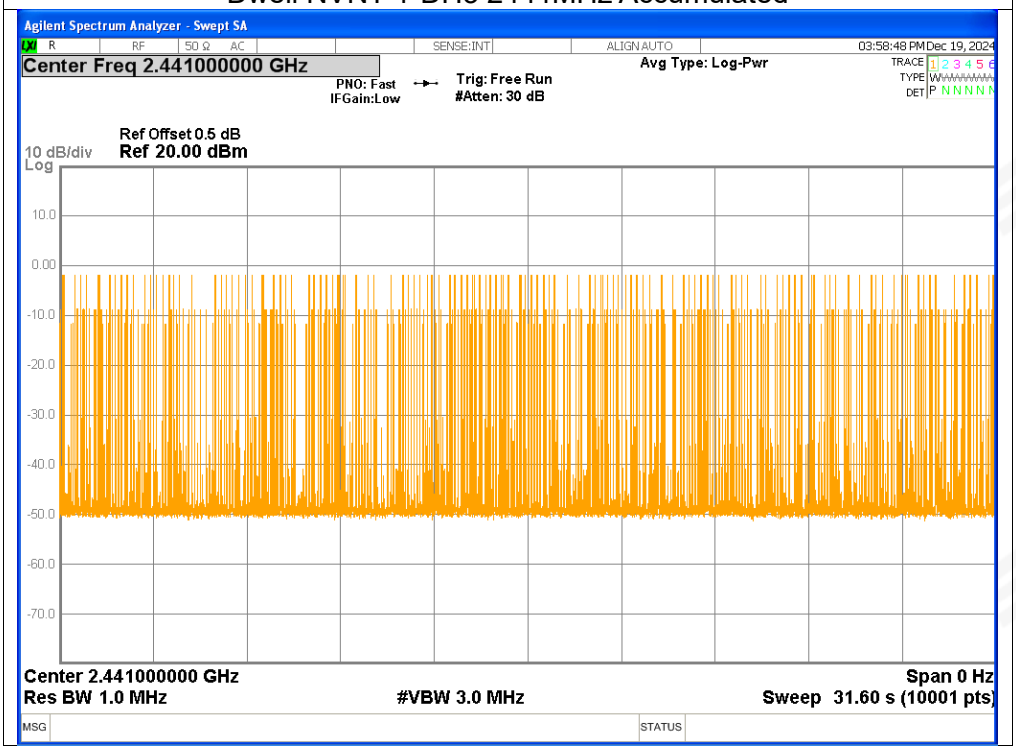


Dwell NVNT 1-DH1 2441MHz Accumulated



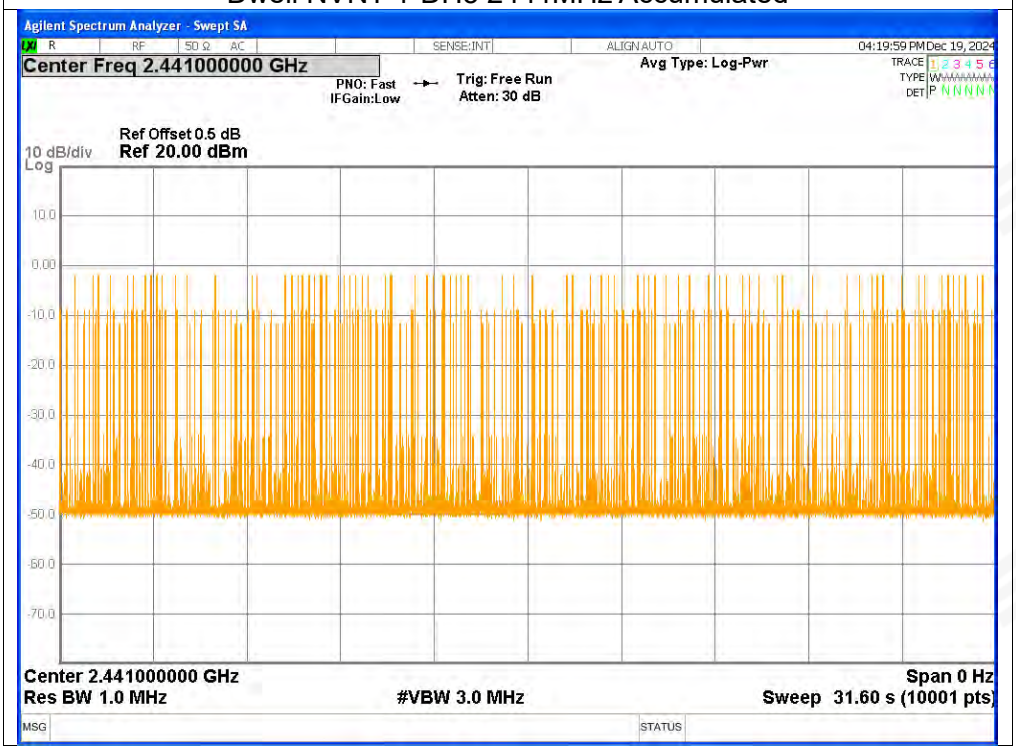
Dwell NVNT 1-DH3 2441MHz One Burst

Dwell NVNT 1-DH3 2441MHz Accumulated



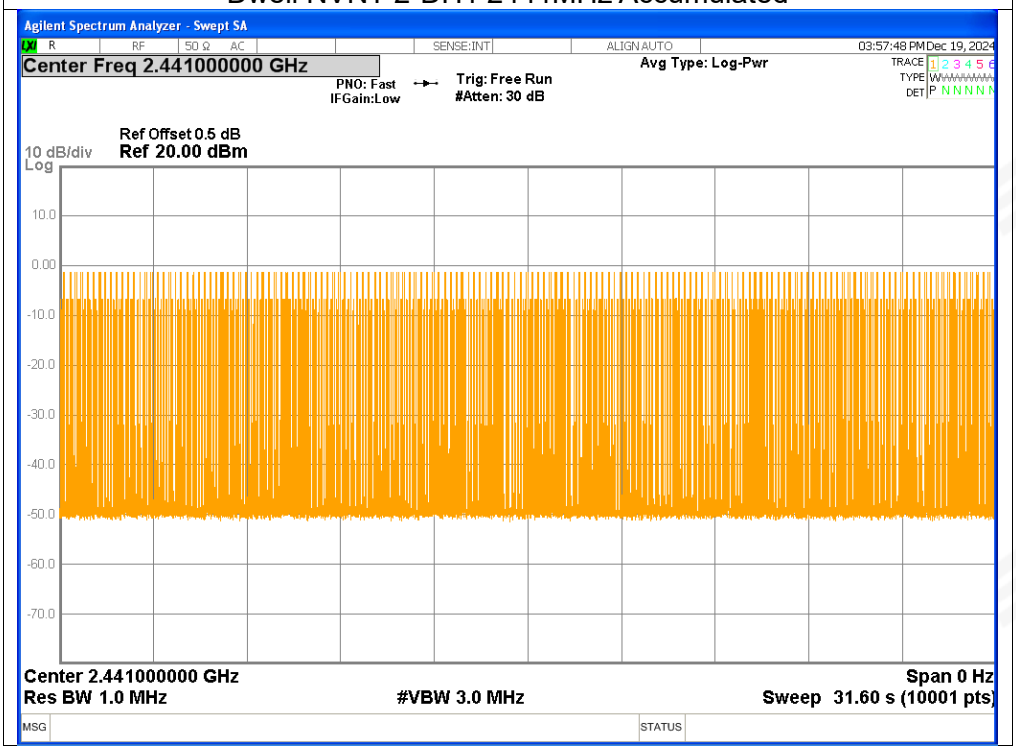
Dwell NVNT 1-DH5 2441MHz One Burst

Dwell NVNT 1-DH5 2441MHz Accumulated



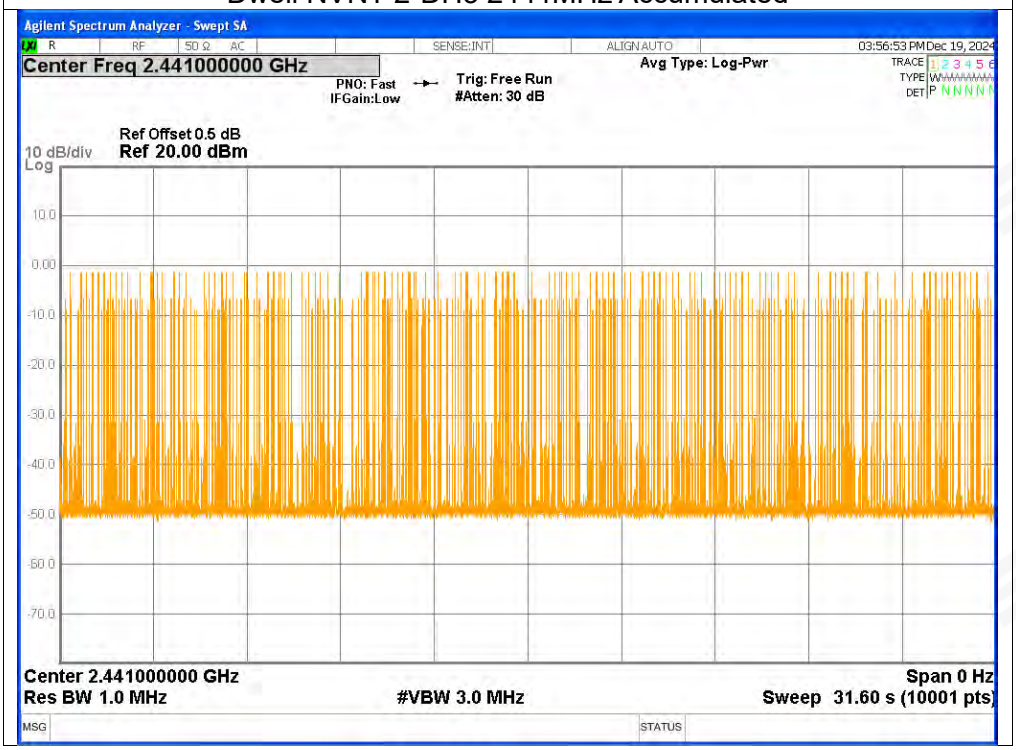
Dwell NVNT 2-DH1 2441MHz One Burst

Dwell NVNT 2-DH1 2441MHz Accumulated



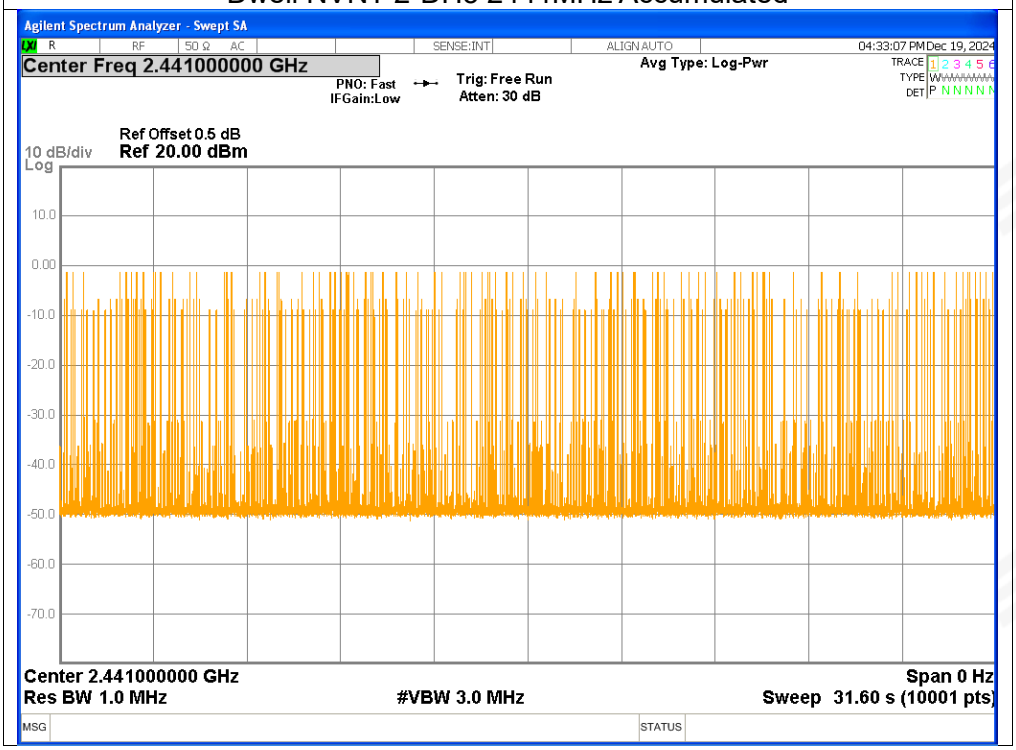
Dwell NVNT 2-DH3 2441MHz One Burst

Dwell NVNT 2-DH3 2441MHz Accumulated



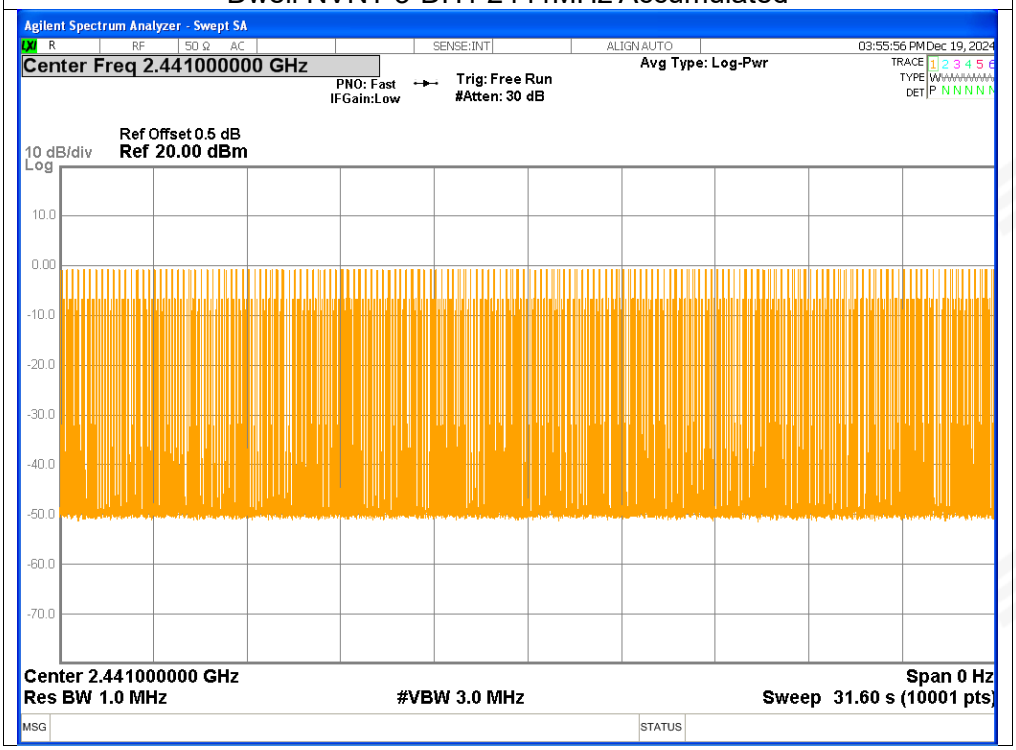
Dwell NVNT 2-DH5 2441MHz One Burst

Dwell NVNT 2-DH5 2441MHz Accumulated



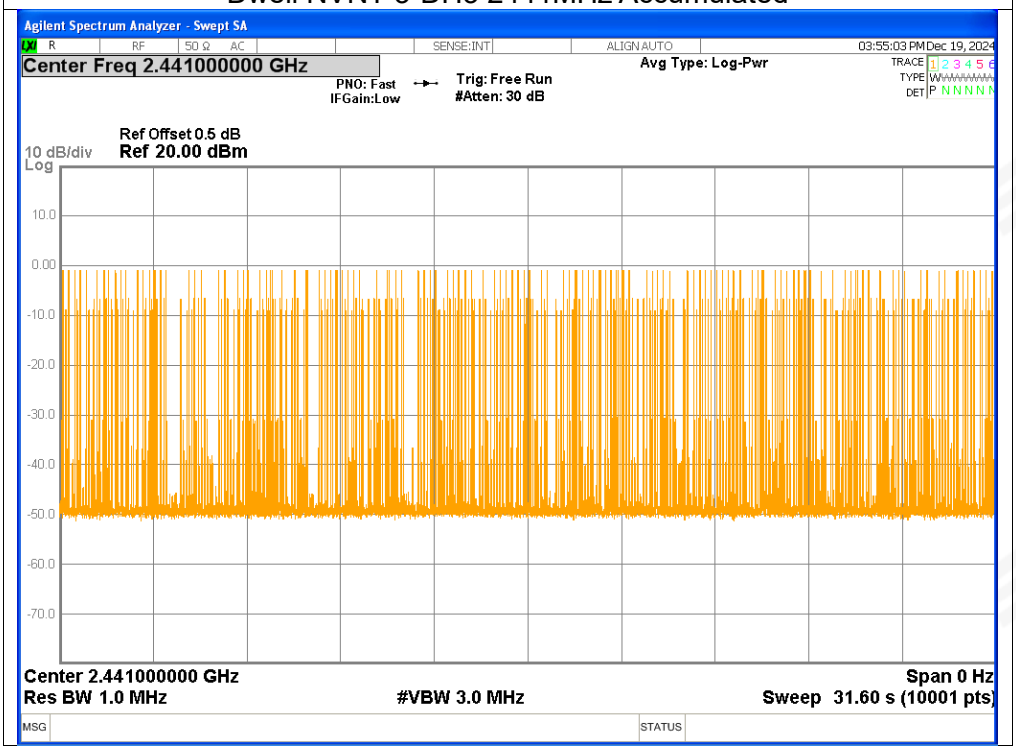
Dwell NVNT 3-DH1 2441MHz One Burst

Dwell NVNT 3-DH1 2441MHz Accumulated



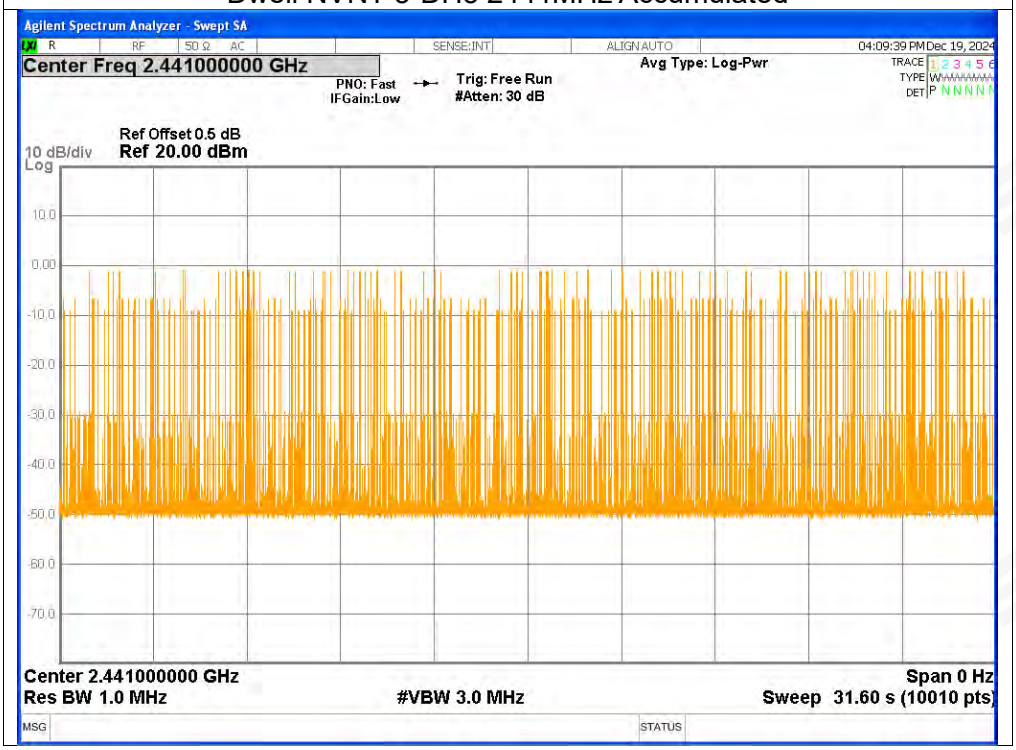
Dwell NVNT 3-DH3 2441MHz One Burst

Dwell NVNT 3-DH3 2441MHz Accumulated



Dwell NVNT 3-DH5 2441MHz One Burst

Dwell NVNT 3-DH5 2441MHz Accumulated

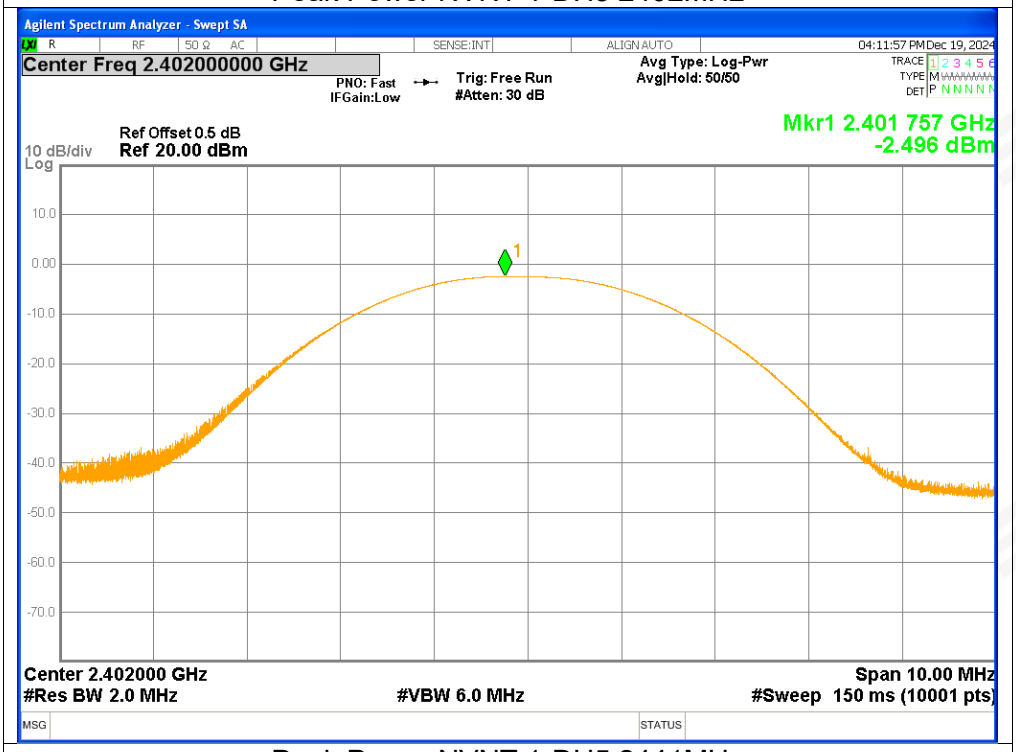


2. Maximum Peak Conducted Output Power

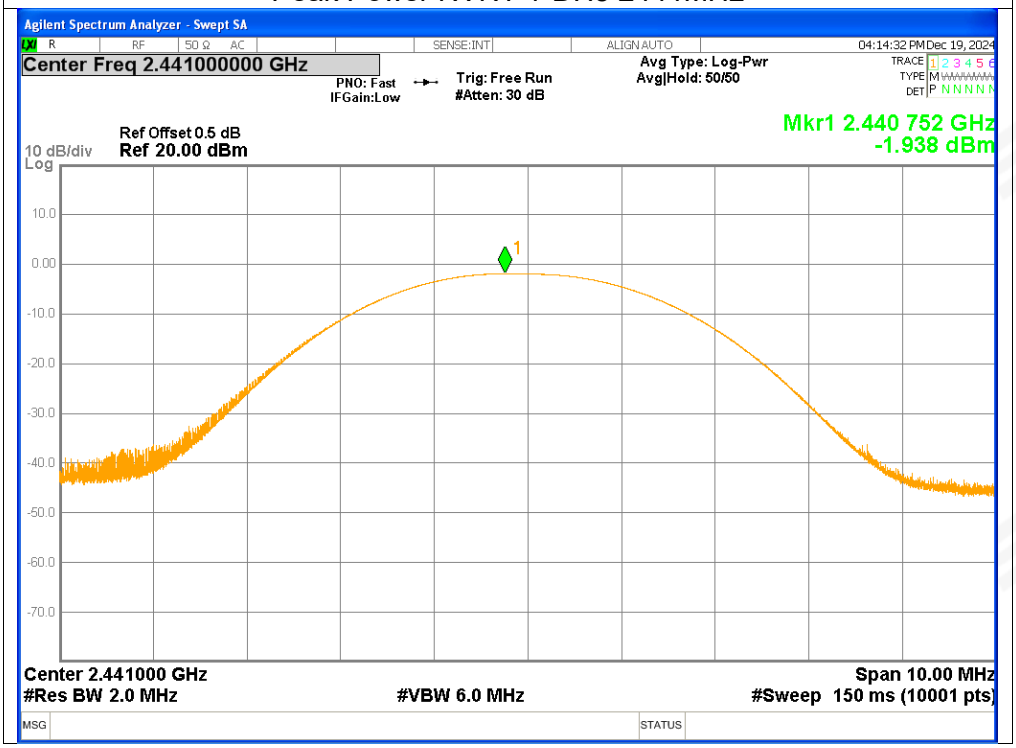
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	-2.5	<=20.97	Pass
NVNT	1-DH5	2441	-1.94	<=20.97	Pass
NVNT	1-DH5	2480	-1.03	<=20.97	Pass
NVNT	2-DH5	2402	-1.53	<=20.97	Pass
NVNT	2-DH5	2441	-0.96	<=20.97	Pass
NVNT	2-DH5	2480	-0.05	<=20.97	Pass
NVNT	3-DH5	2402	-1.1	<=20.97	Pass
NVNT	3-DH5	2441	-0.55	<=20.97	Pass
NVNT	3-DH5	2480	0.33	<=20.97	Pass

Test Graphs

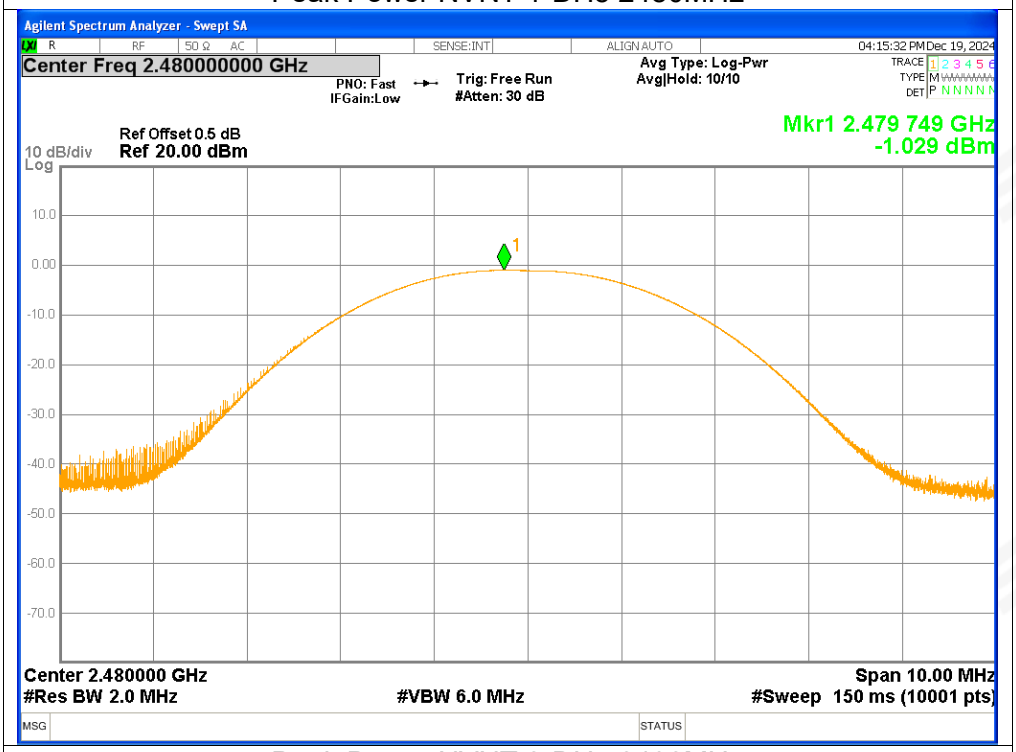
Peak Power NVNT 1-DH5 2402MHz



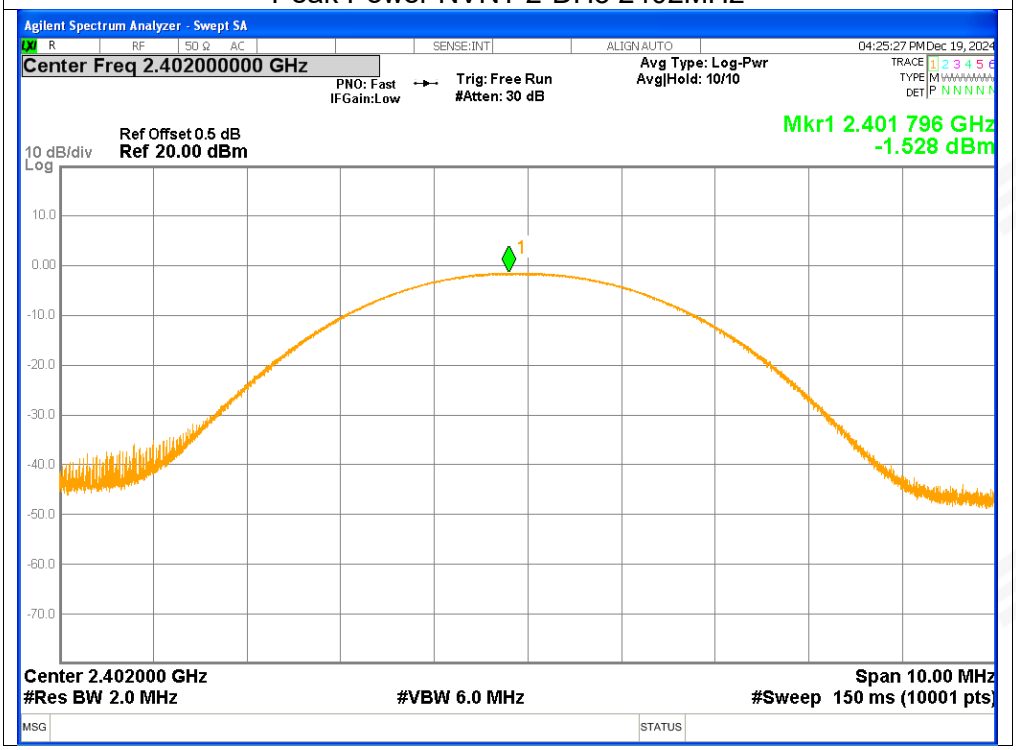
Peak Power NVNT 1-DH5 2441MHz



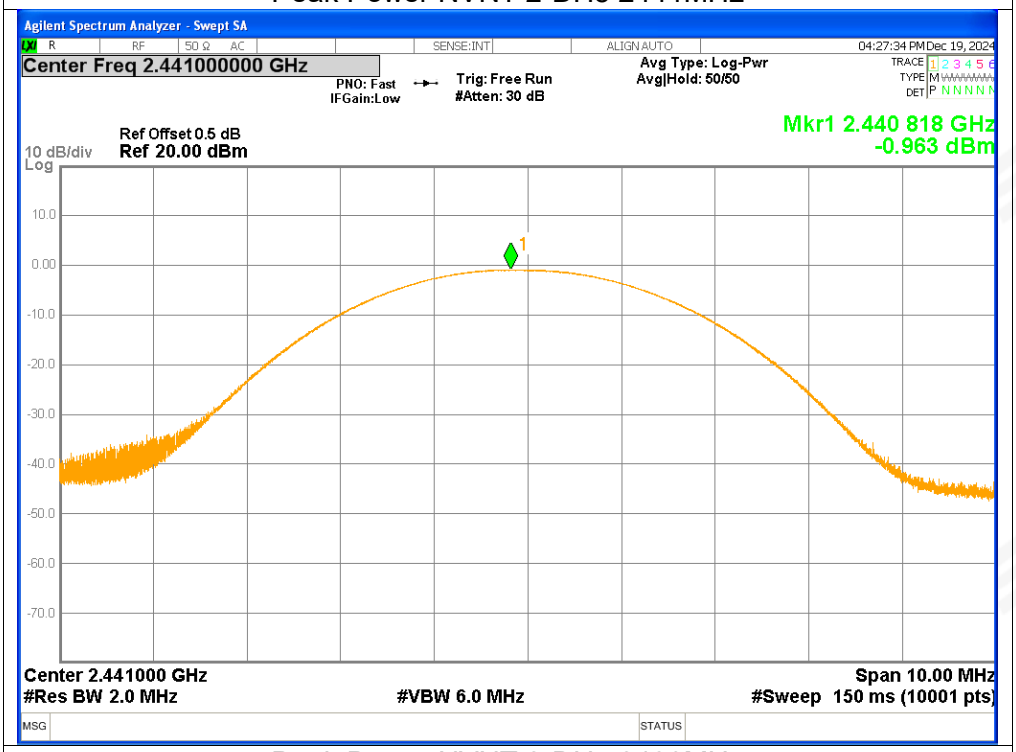
Peak Power NVNT 1-DH5 2480MHz



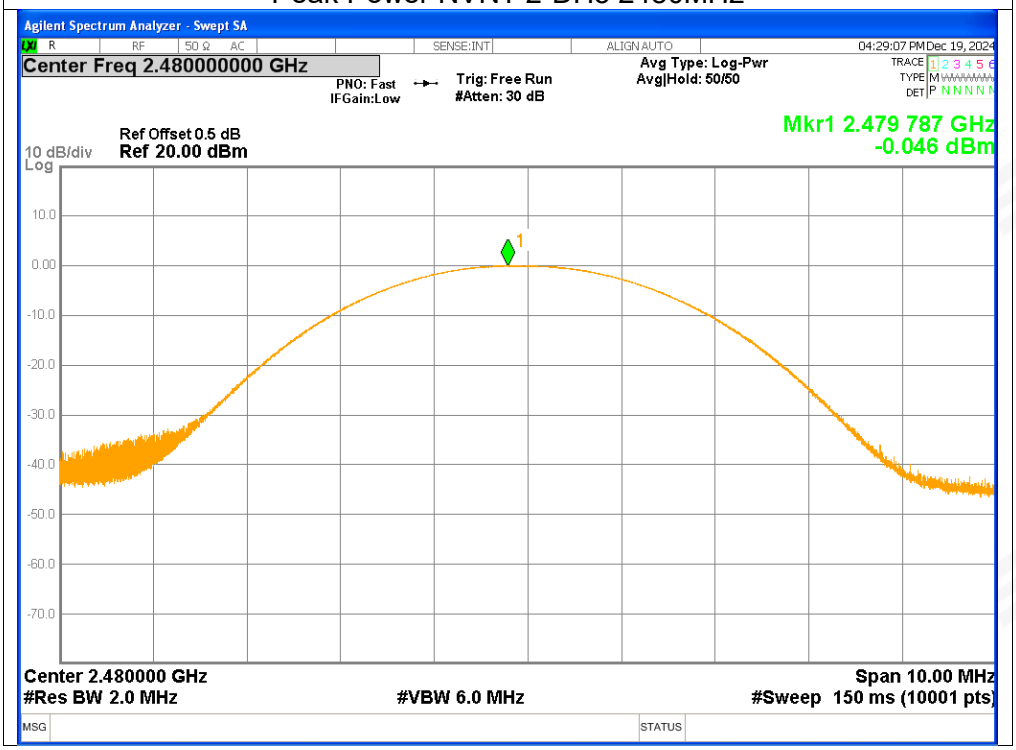
Peak Power NVNT 2-DH5 2402MHz



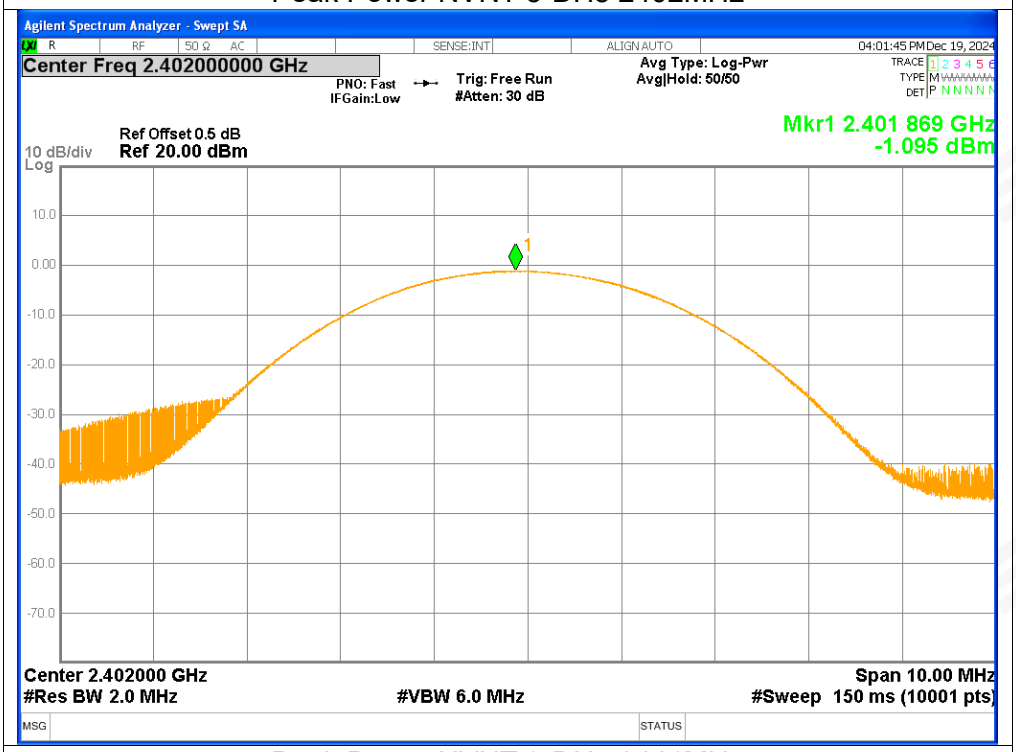
Peak Power NVNT 2-DH5 2441MHz



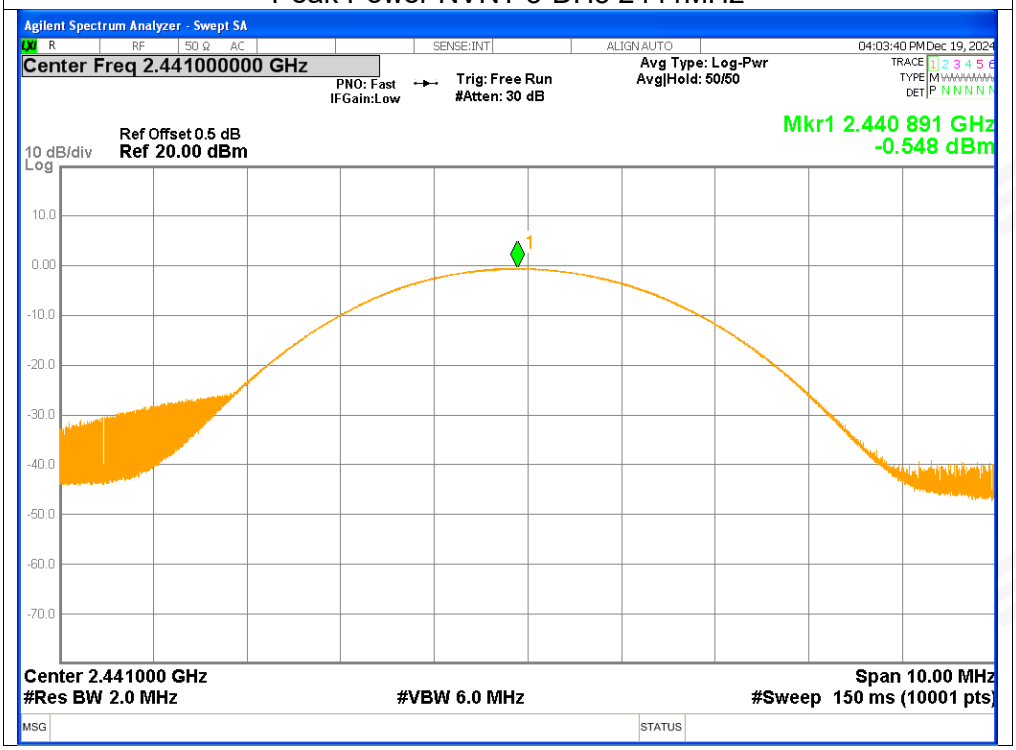
Peak Power NVNT 2-DH5 2480MHz



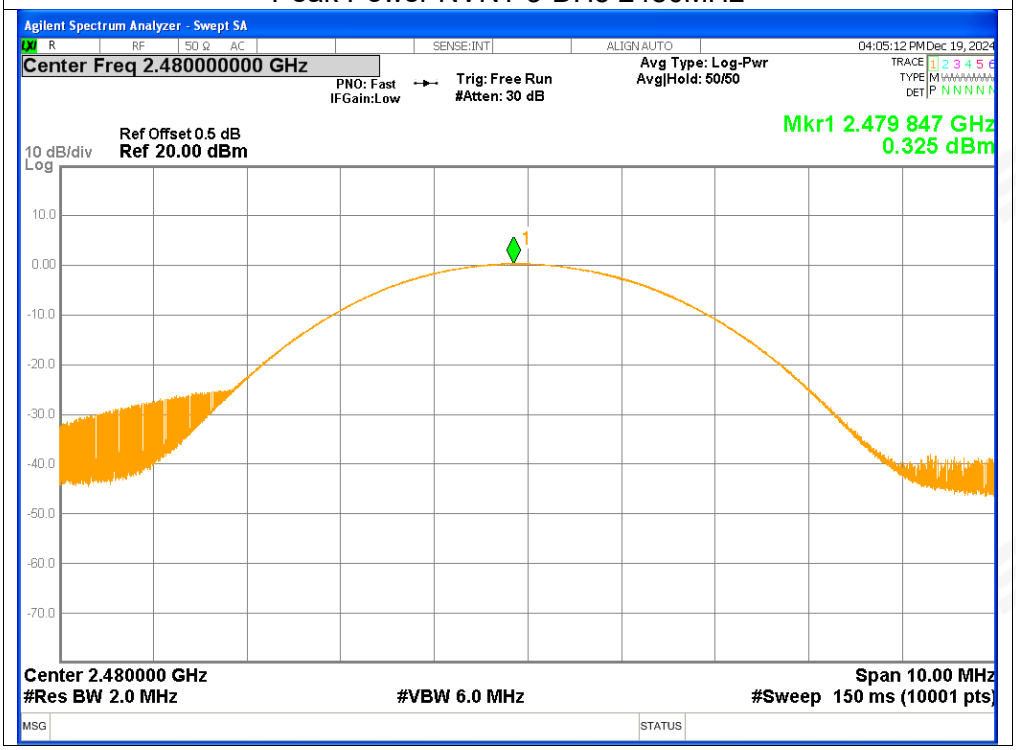
Peak Power NVNT 3-DH5 2402MHz



Peak Power NVNT 3-DH5 2441MHz



Peak Power NVNT 3-DH5 2480MHz

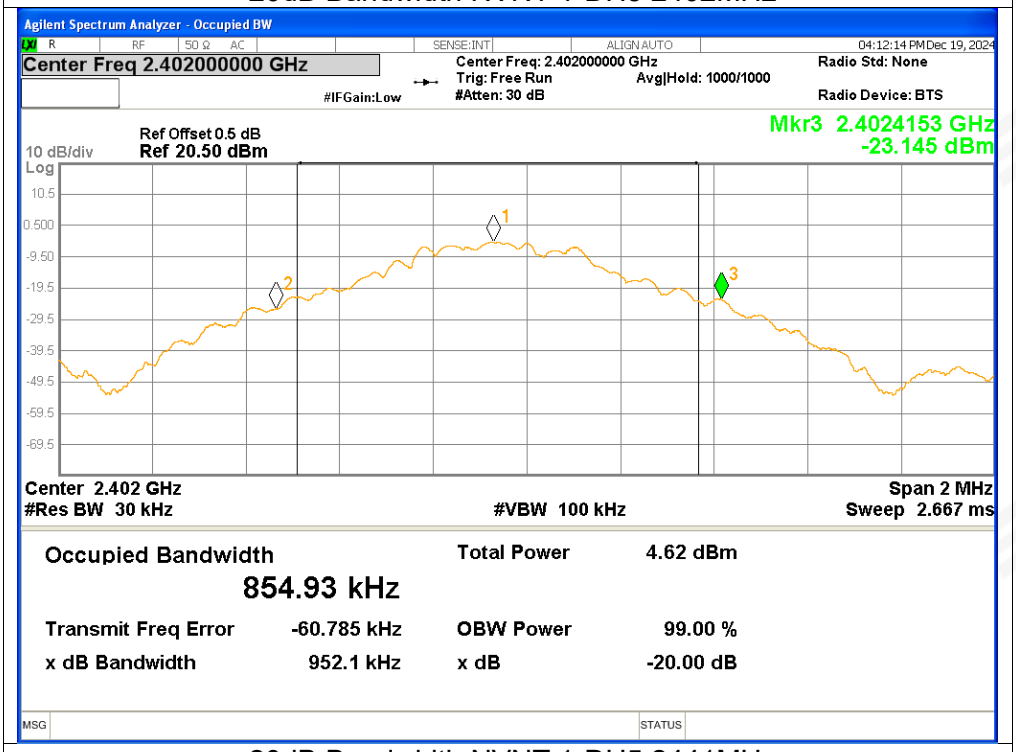


3. -20dB Bandwidth

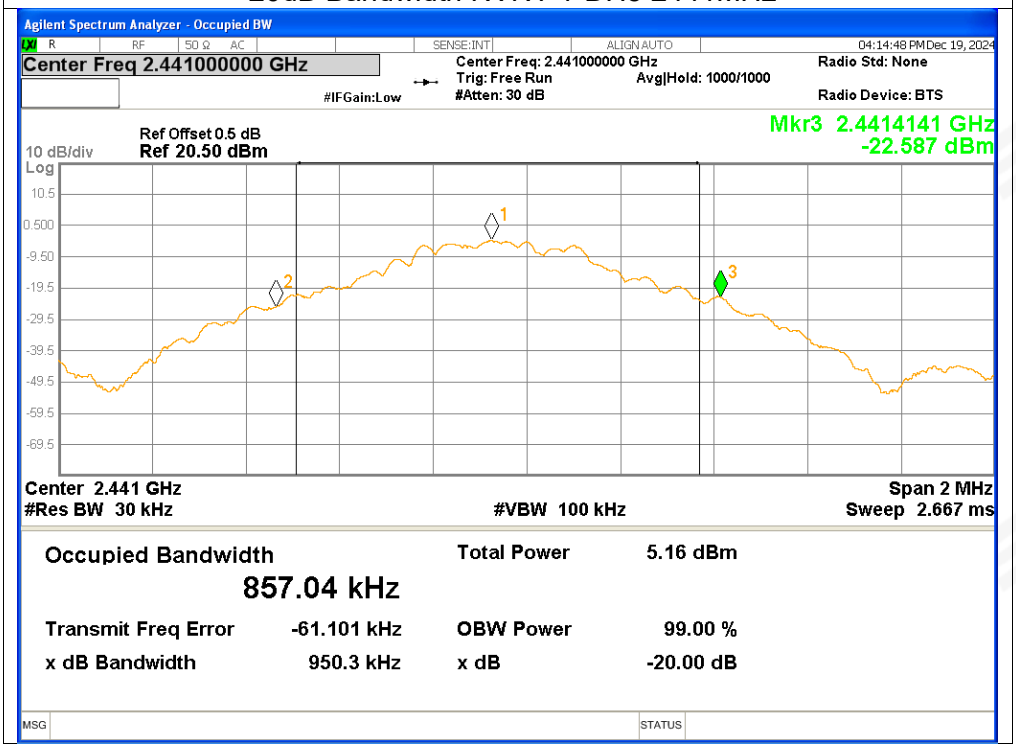
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	0.9521	Pass
NVNT	1-DH5	2441	0.9503	Pass
NVNT	1-DH5	2480	0.9465	Pass
NVNT	2-DH5	2402	1.2781	Pass
NVNT	2-DH5	2441	1.2795	Pass
NVNT	2-DH5	2480	1.2789	Pass
NVNT	3-DH5	2402	1.2933	Pass
NVNT	3-DH5	2441	1.2918	Pass
NVNT	3-DH5	2480	1.2947	Pass

Test Graphs

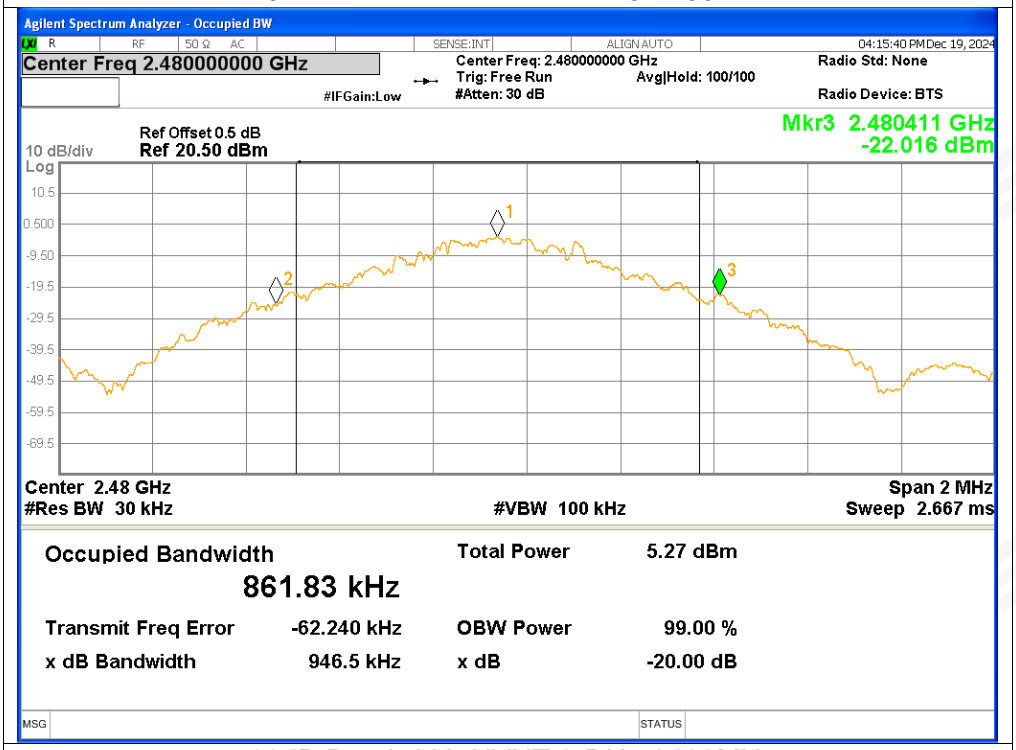
-20dB Bandwidth NVNT 1-DH5 2402MHz



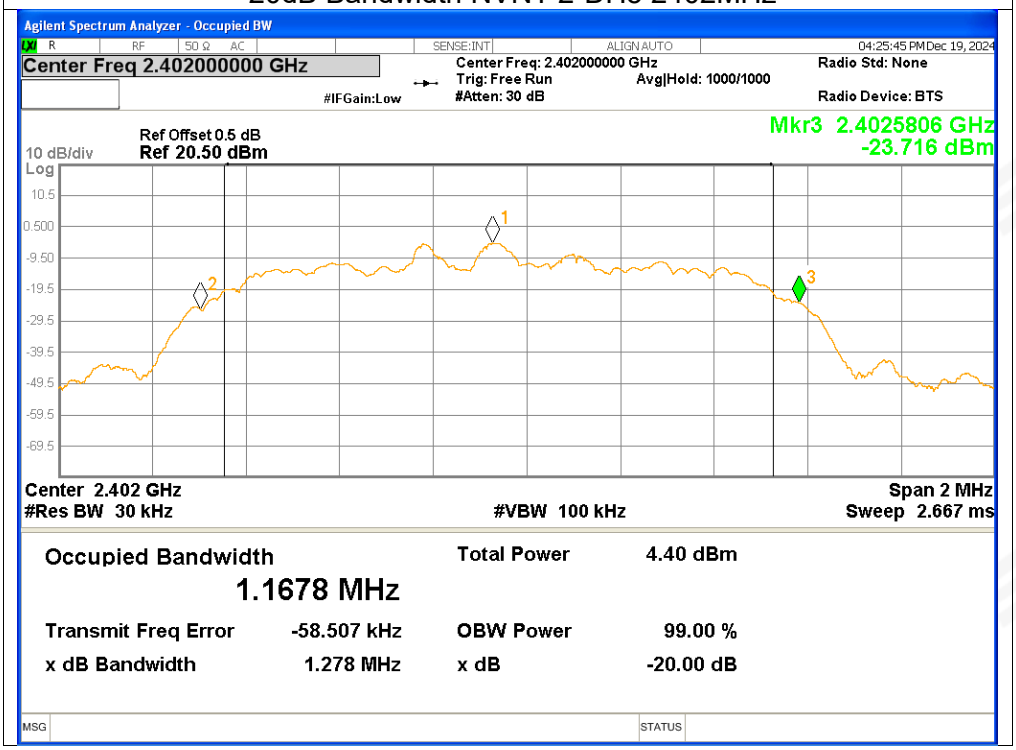
-20dB Bandwidth NVNT 1-DH5 2441MHz



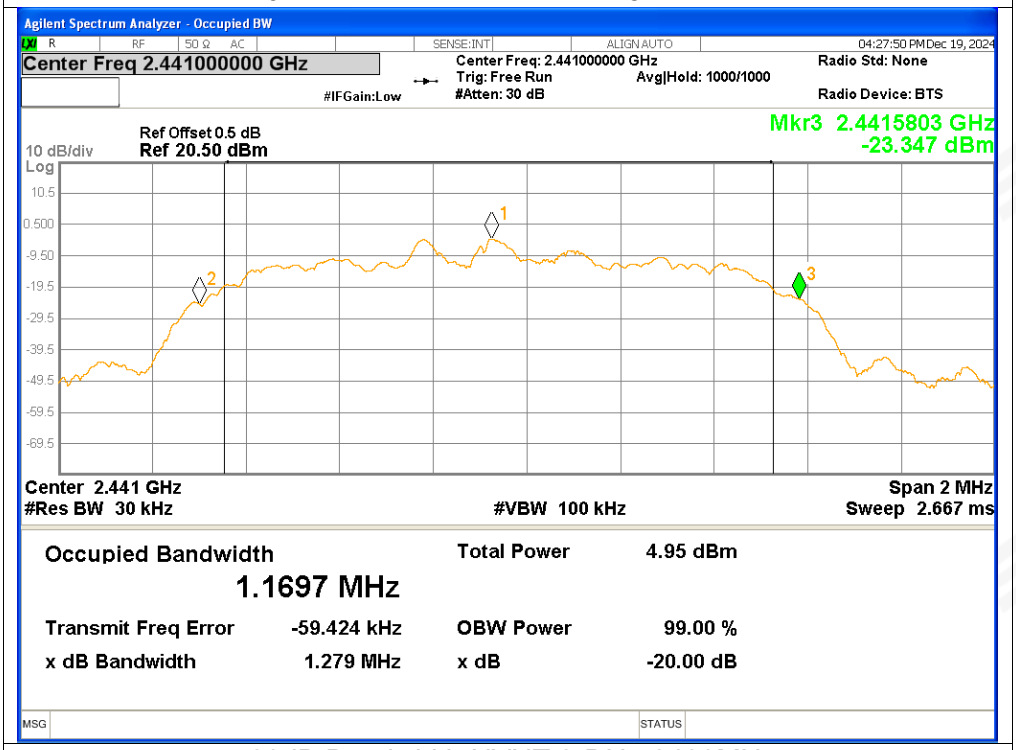
-20dB Bandwidth NVNT 1-DH5 2480MHz



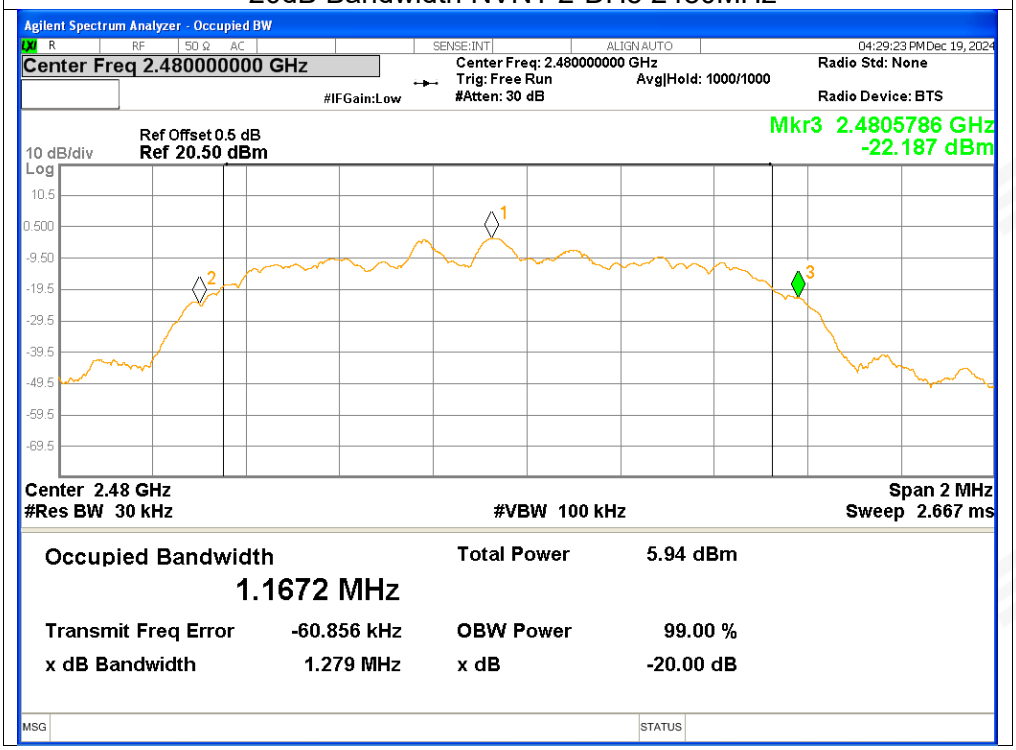
-20dB Bandwidth NVNT 2-DH5 2402MHz



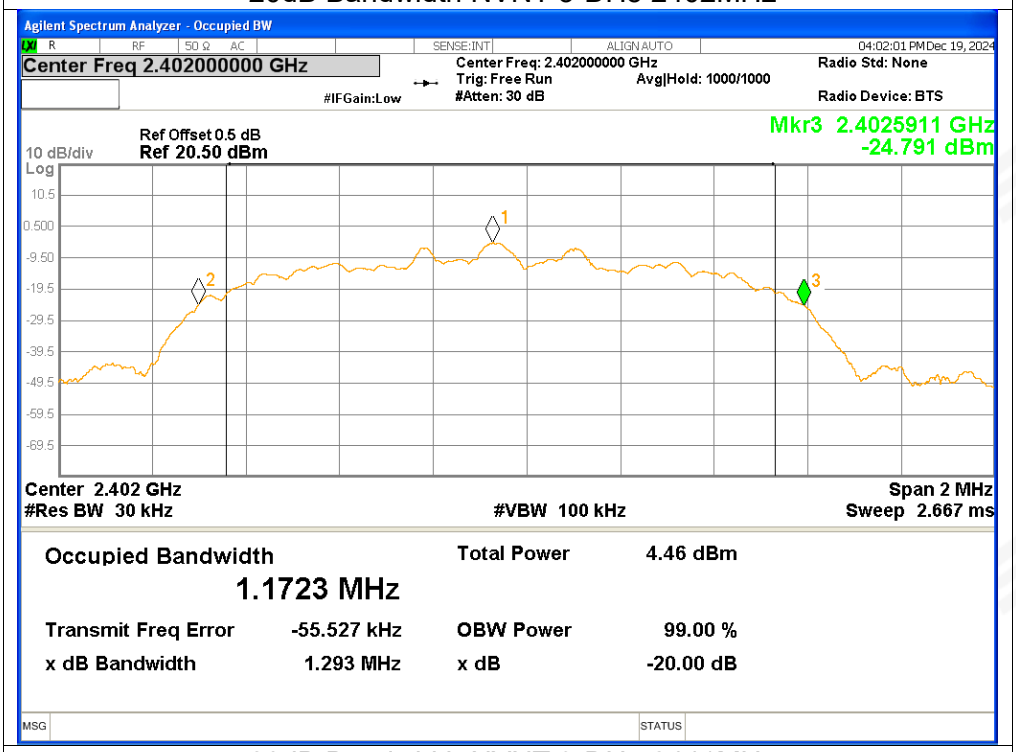
-20dB Bandwidth NVNT 2-DH5 2441MHz



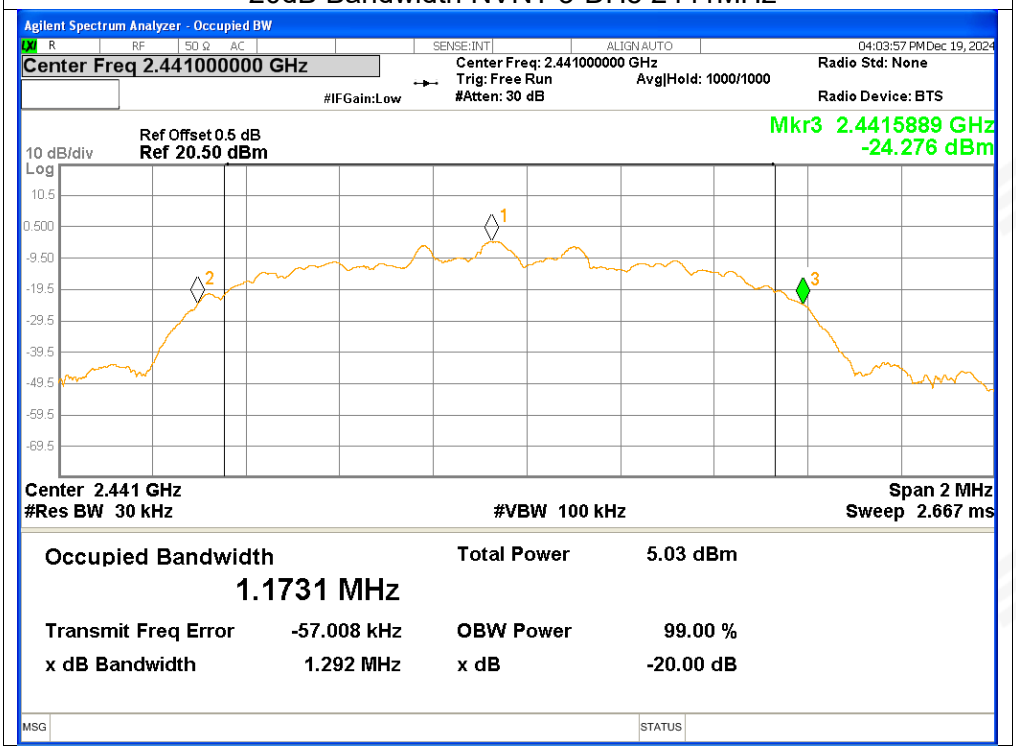
-20dB Bandwidth NVNT 2-DH5 2480MHz



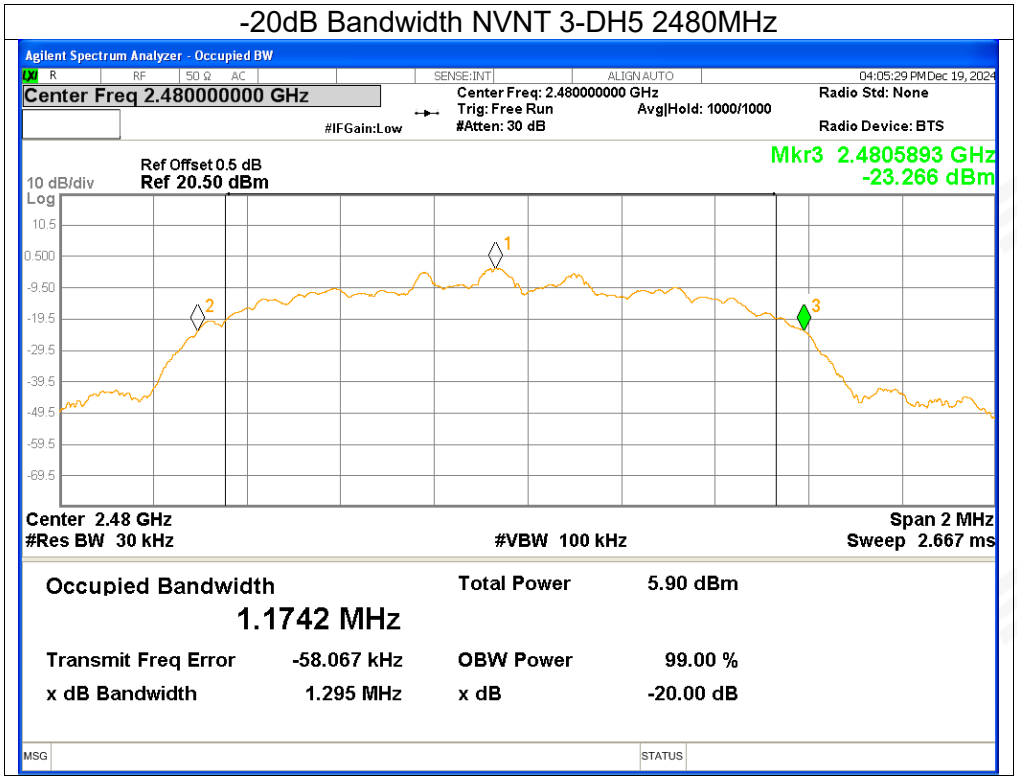
-20dB Bandwidth NVNT 3-DH5 2402MHz



-20dB Bandwidth NVNT 3-DH5 2441MHz



-20dB Bandwidth NVNT 3-DH5 2480MHz

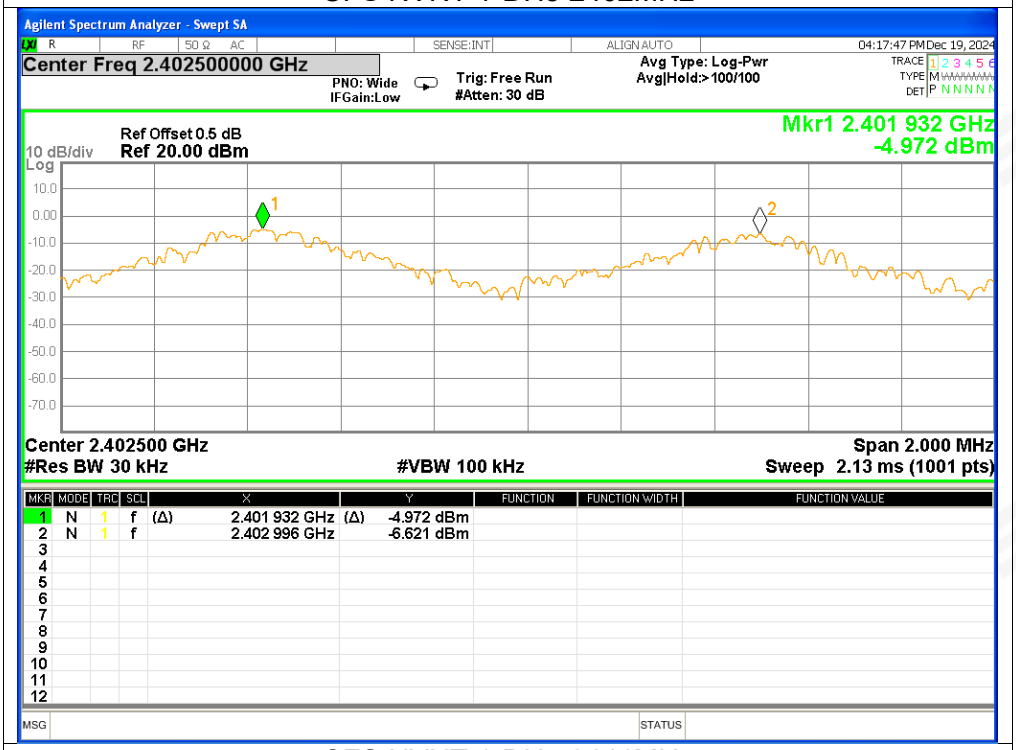


4. Carrier Frequencies Separation

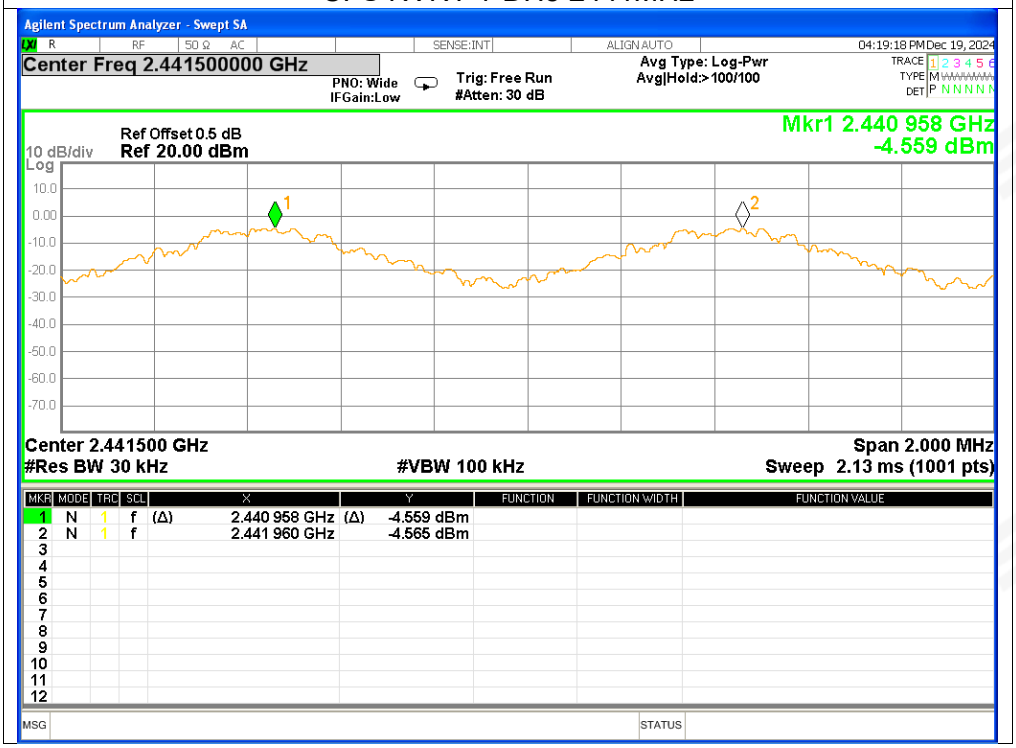
Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2401.932	2402.996	1.064	>=0.635	Pass
NVNT	1-DH5	2440.958	2441.96	1.002	>=0.634	Pass
NVNT	1-DH5	2478.934	2479.926	0.992	>=0.631	Pass
NVNT	2-DH5	2401.77	2402.774	1.004	>=0.852	Pass
NVNT	2-DH5	2440.928	2441.806	0.878	>=0.853	Pass
NVNT	2-DH5	2478.756	2479.94	1.184	>=0.853	Pass
NVNT	3-DH5	2401.89	2402.898	1.008	>=0.862	Pass
NVNT	3-DH5	2440.786	2442.102	1.316	>=0.861	Pass
NVNT	3-DH5	2478.772	2479.774	1.002	>=0.863	Pass

Test Graphs

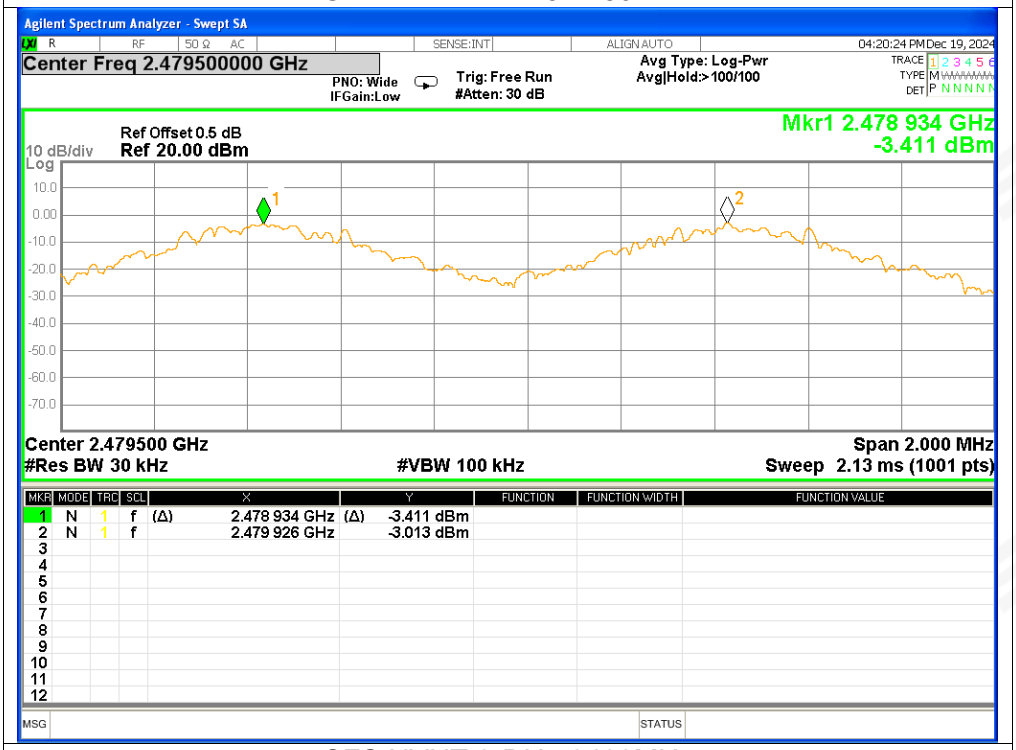
CFS NVNT 1-DH5 2402MHz



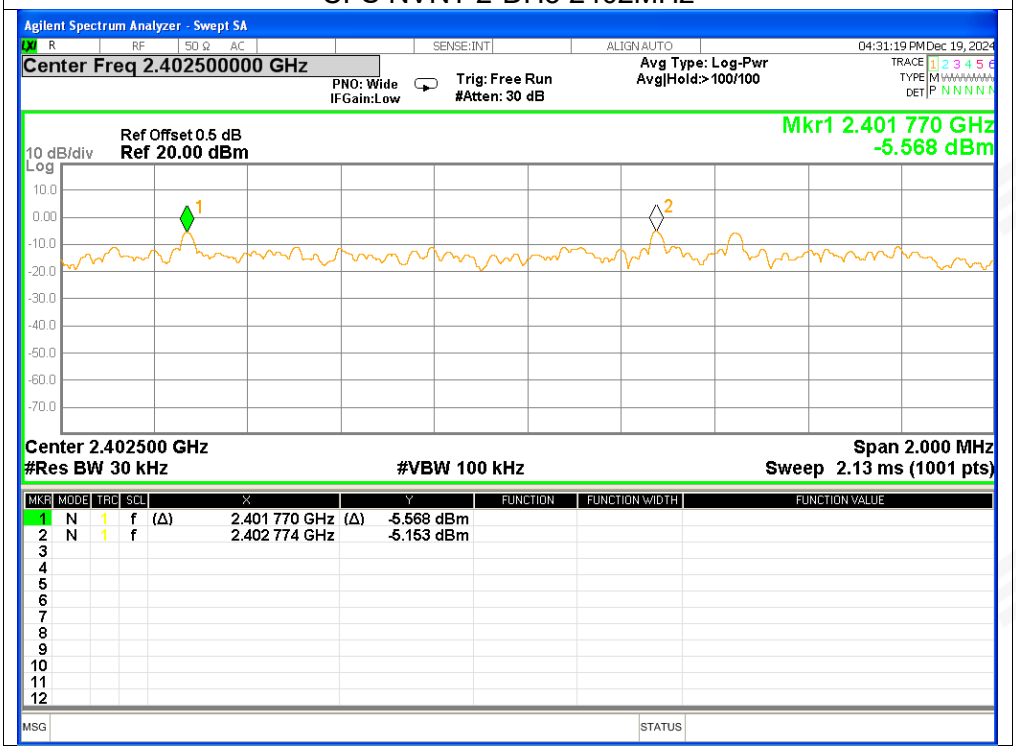
CFS NVNT 1-DH5 2441MHz



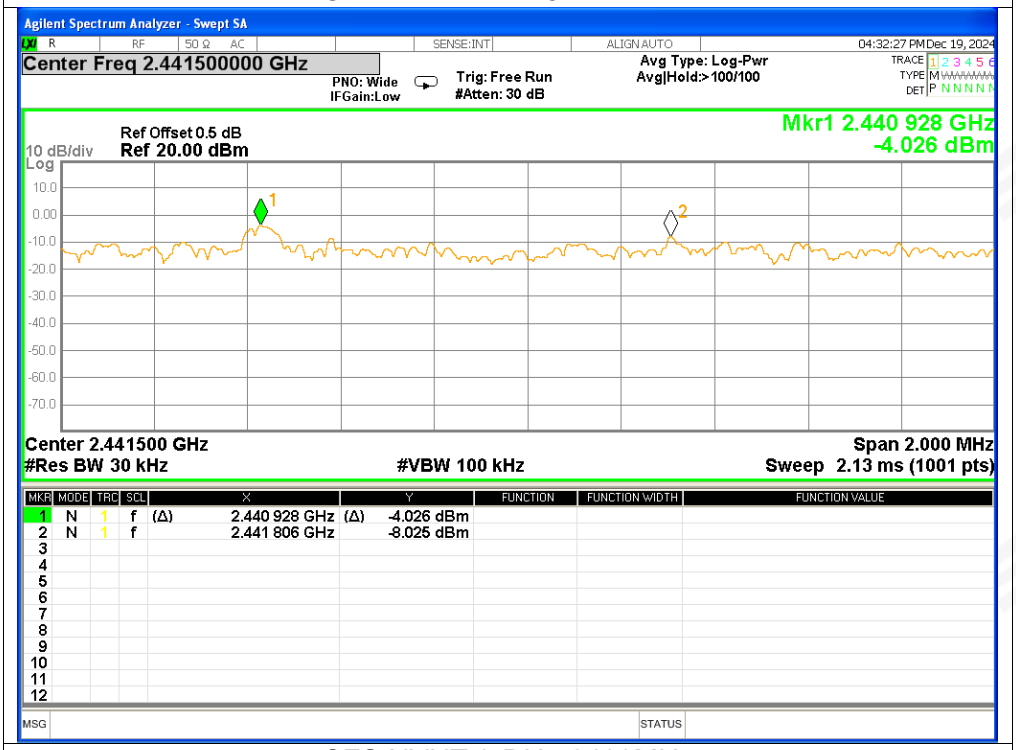
CFS NVNT 1-DH5 2480MHz



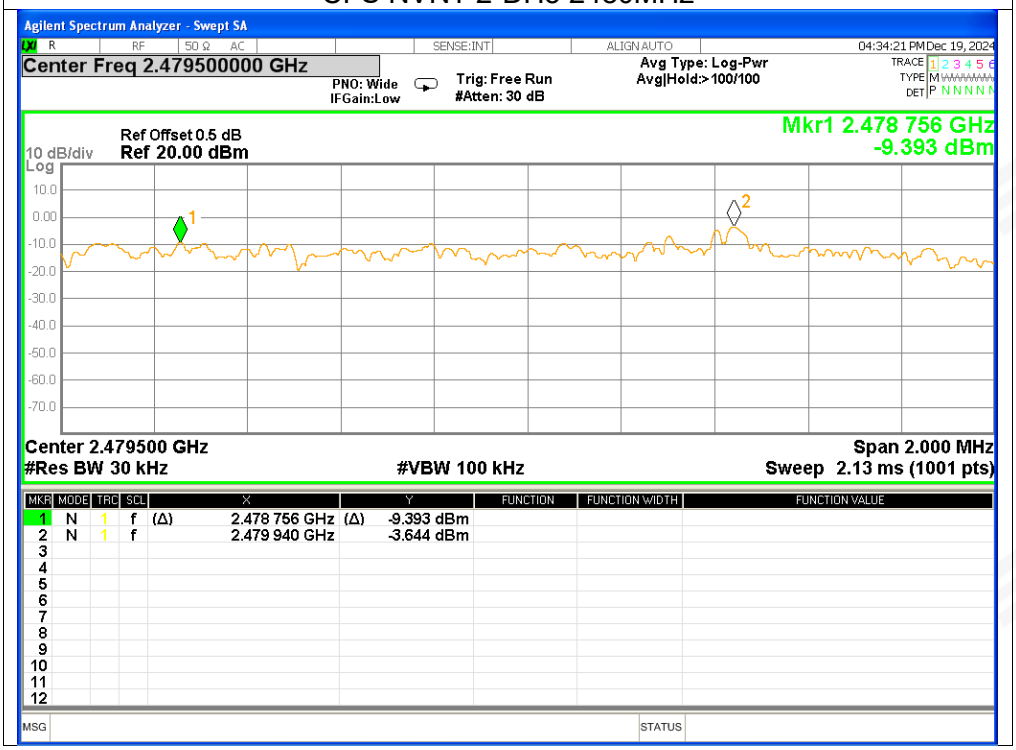
CFS NVNT 2-DH5 2402MHz



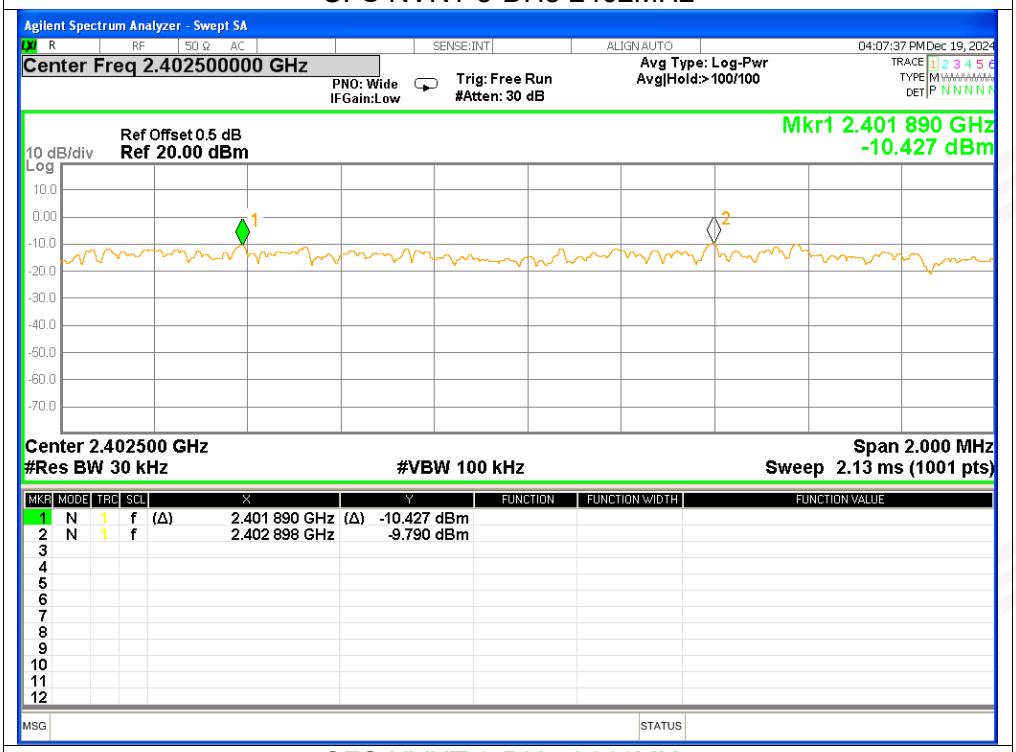
CFS NVNT 2-DH5 2441MHz



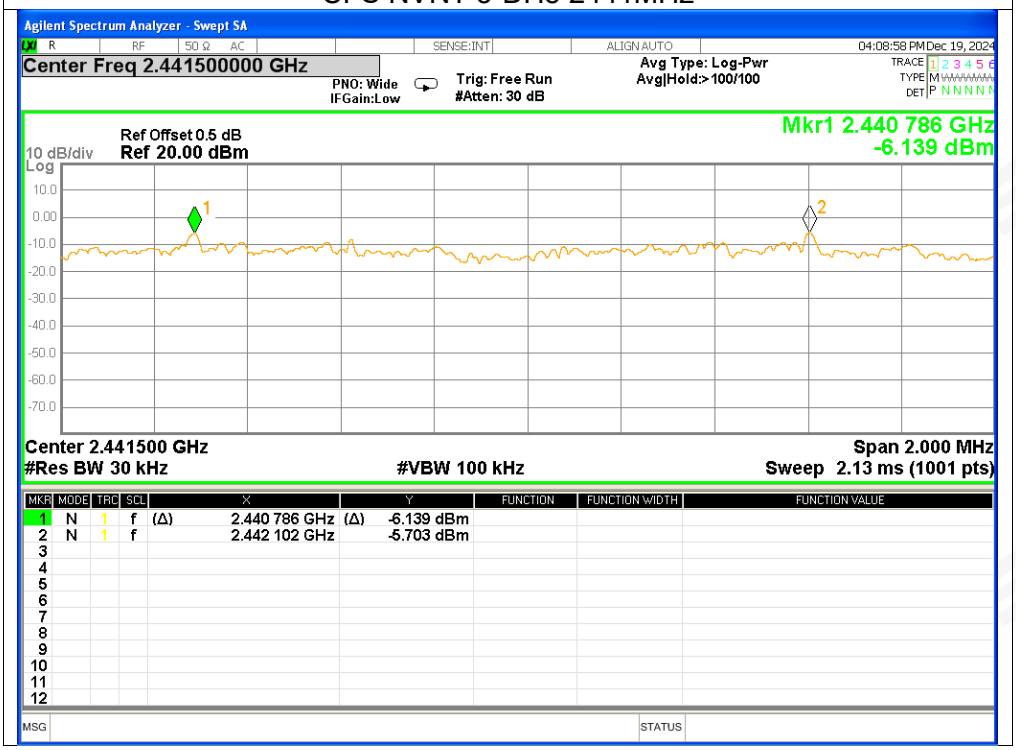
CFS NVNT 2-DH5 2480MHz



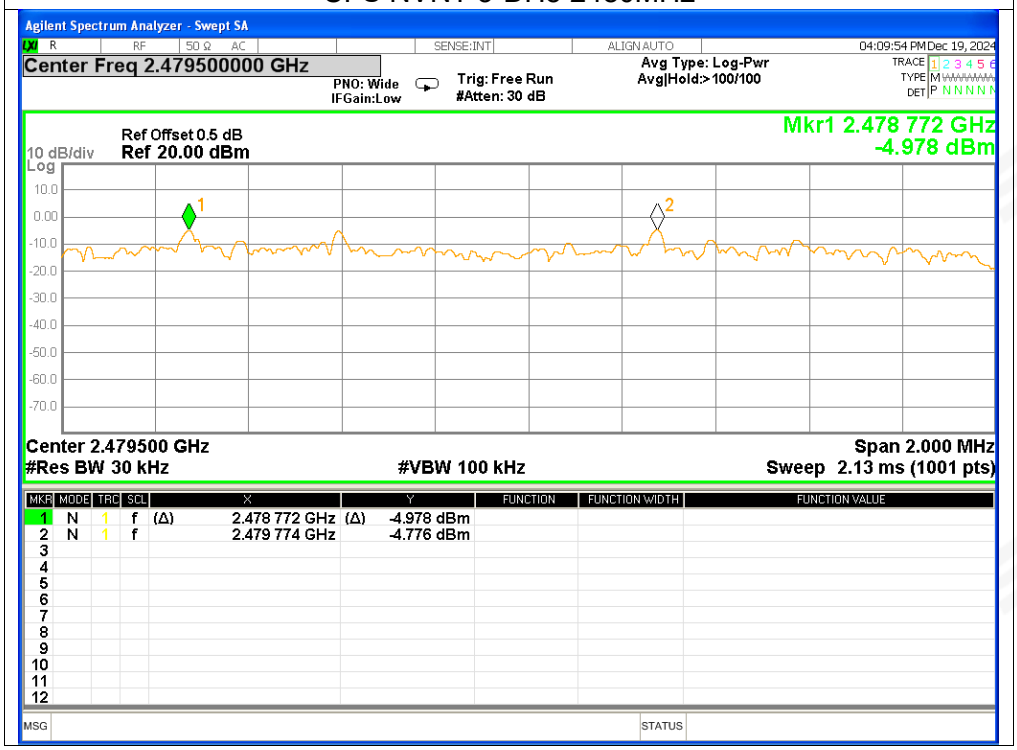
CFS NVNT 3-DH5 2402MHz



CFS NVNT 3-DH5 2441MHz



CFS NVNT 3-DH5 2480MHz

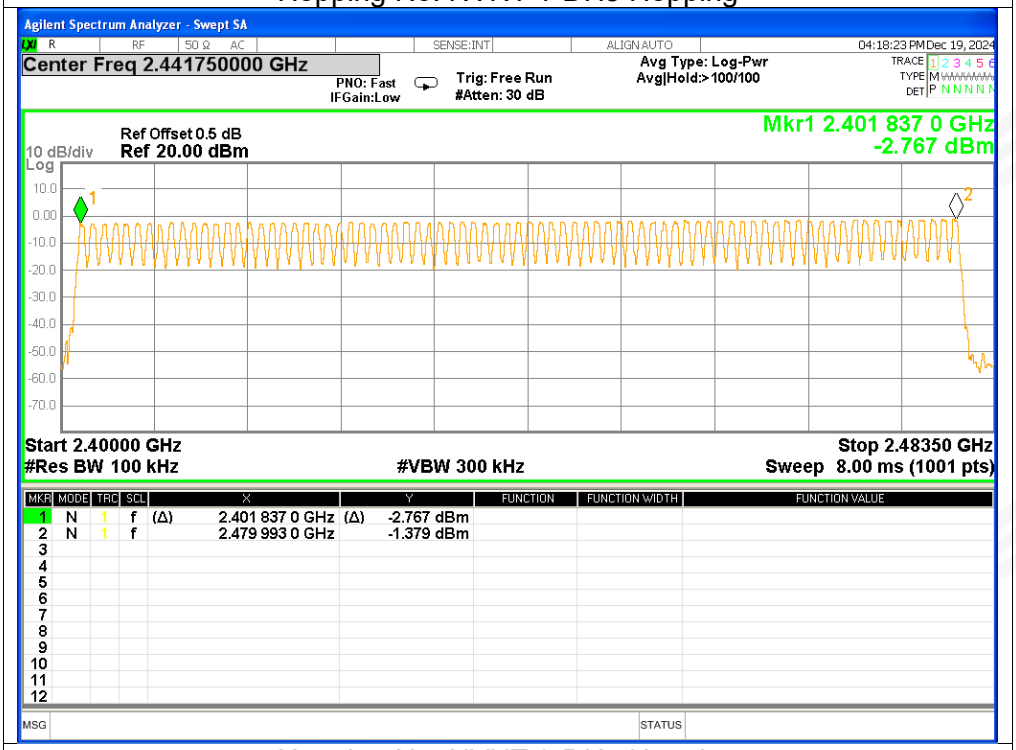


5. Number of Hopping Channel

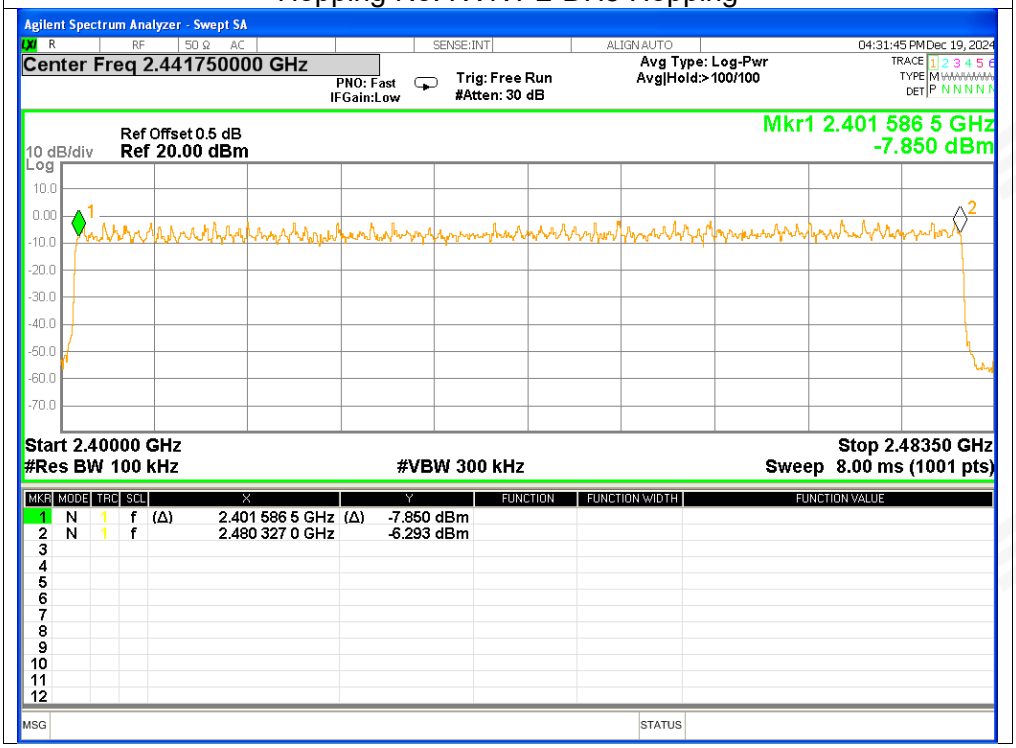
Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH5	79	>=15	Pass
NVNT	2-DH5	79	>=15	Pass
NVNT	3-DH5	79	>=15	Pass

Test Graphs

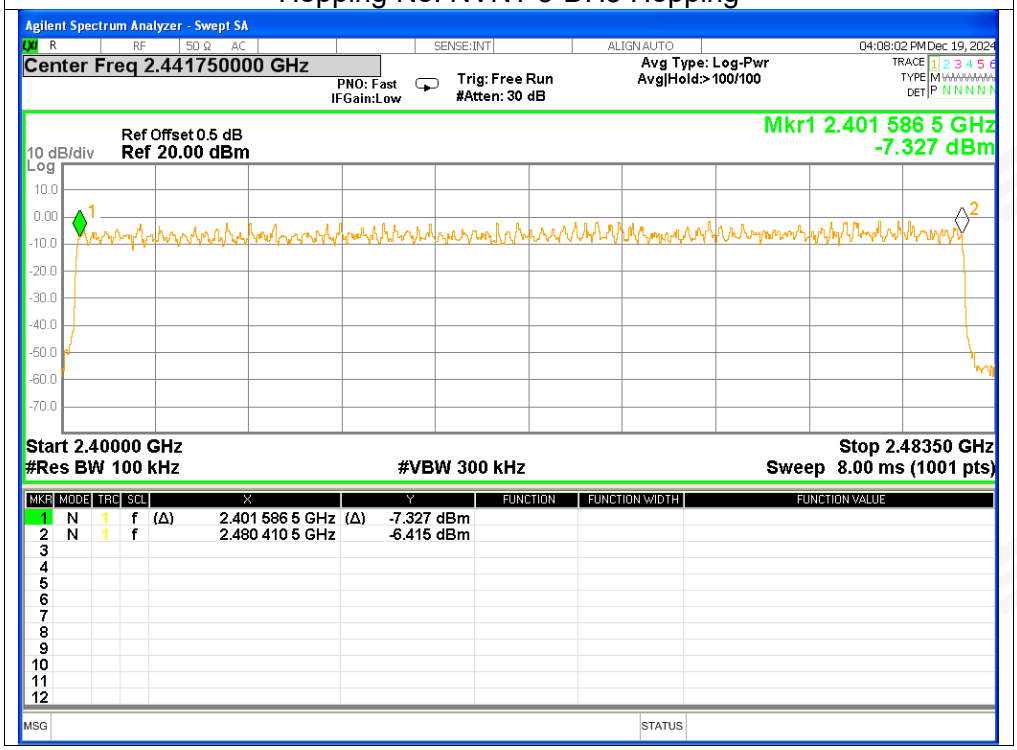
Hopping No. NVNT 1-DH5 Hopping



Hopping No. NVNT 2-DH5 Hopping



Hopping No. NVNT 3-DH5 Hopping

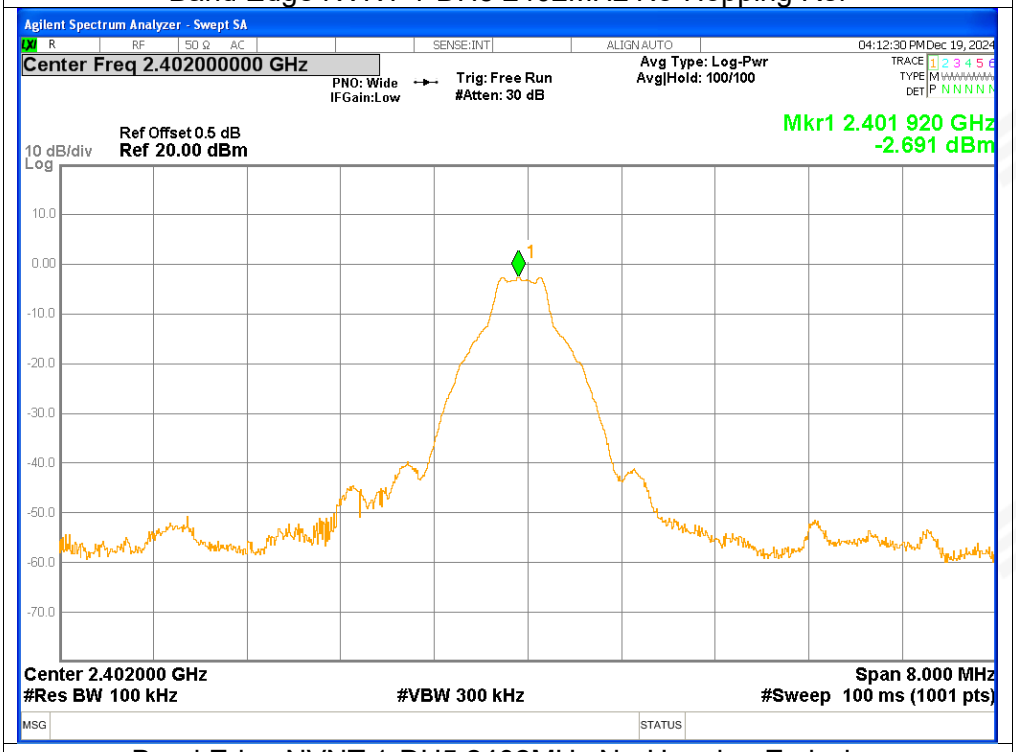


6. Band Edge

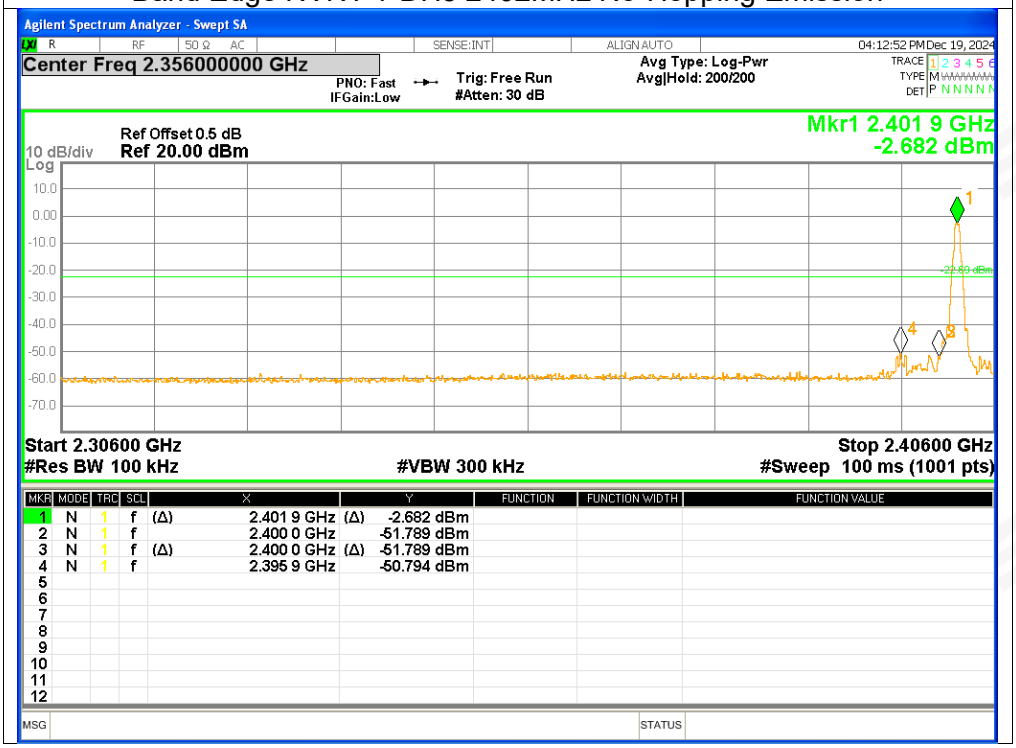
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	No-Hopping	-48.1	<=-20	Pass
NVNT	1-DH5	2480	No-Hopping	-51.82	<=-20	Pass
NVNT	2-DH5	2402	No-Hopping	-48.89	<=-20	Pass
NVNT	2-DH5	2480	No-Hopping	-54.92	<=-20	Pass
NVNT	3-DH5	2402	No-Hopping	-47.07	<=-20	Pass
NVNT	3-DH5	2480	No-Hopping	-50.99	<=-20	Pass

Test Graphs

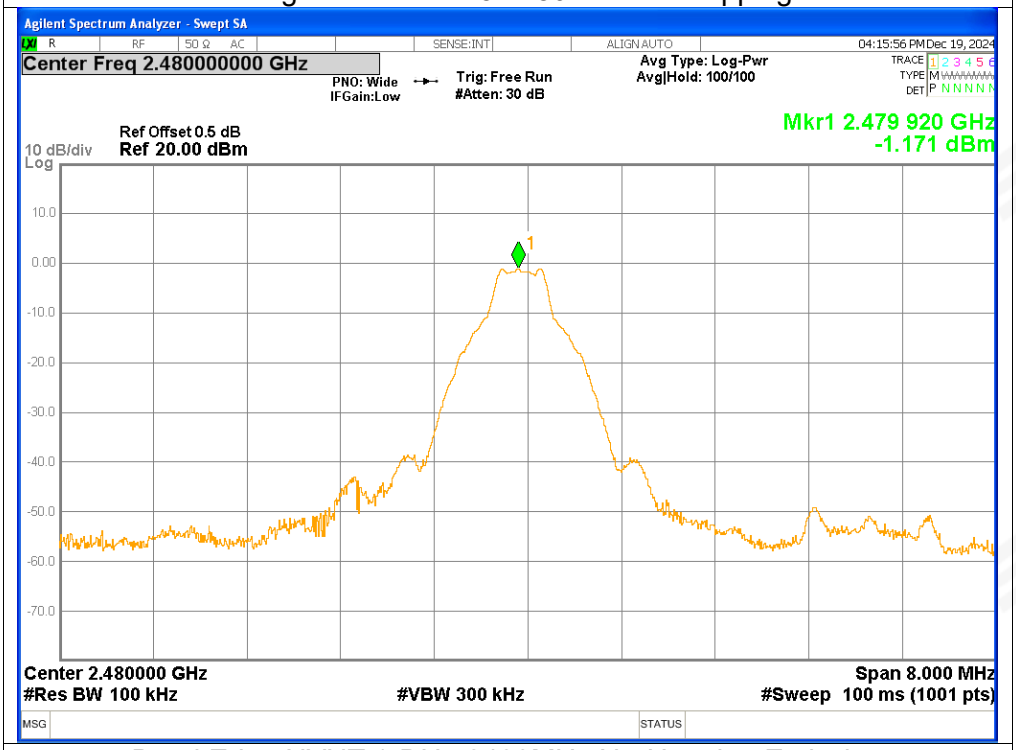
Band Edge NVNT 1-DH5 2402MHz No-Hopping Ref



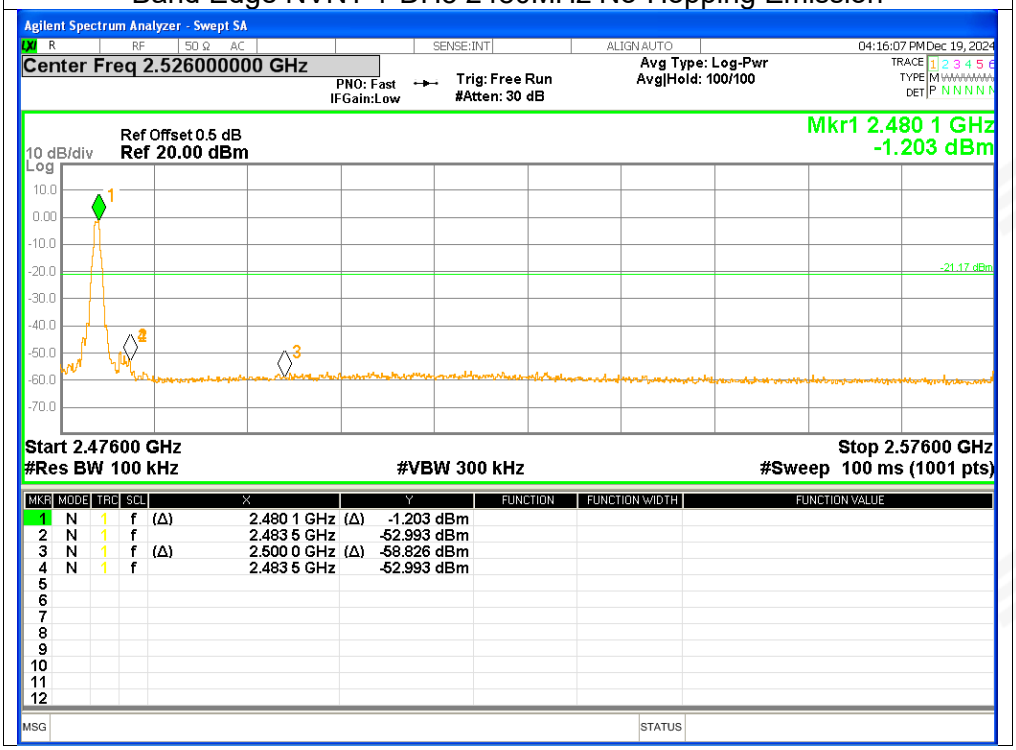
Band Edge NVNT 1-DH5 2402MHz No-Hopping Emission



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



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.480 1 GHz	(Δ) -1.203 dBm			
2	N	1	f	2.483 5 GHz	-52.993 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -58.826 dBm			
4	N	1	f	2.483 5 GHz	-52.993 dBm			
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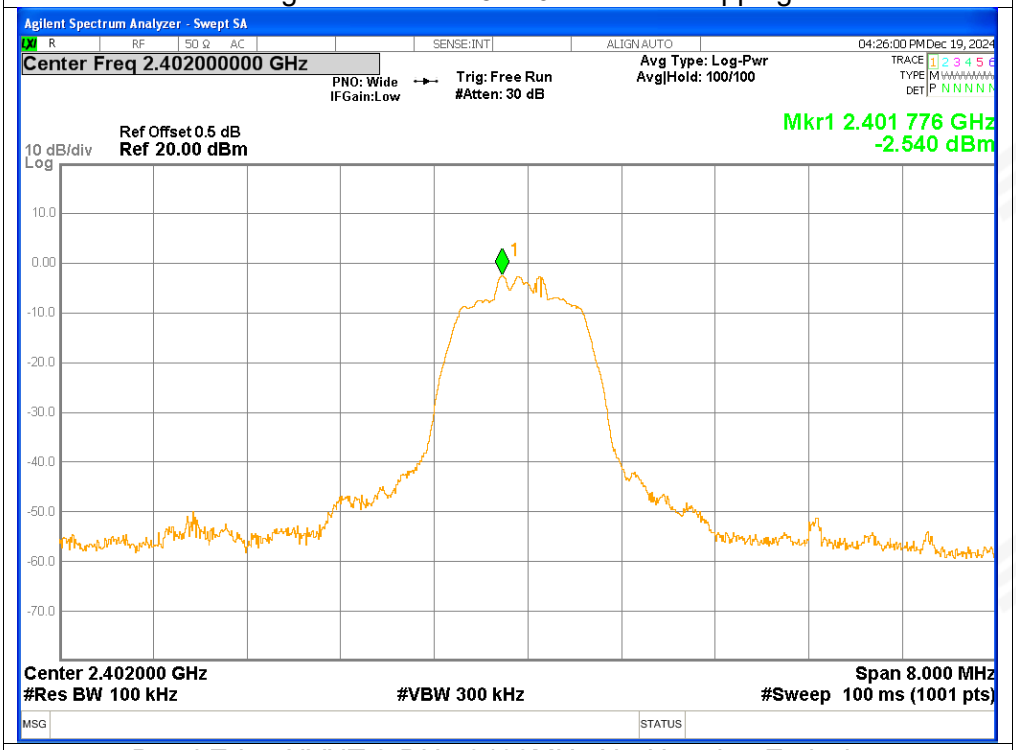
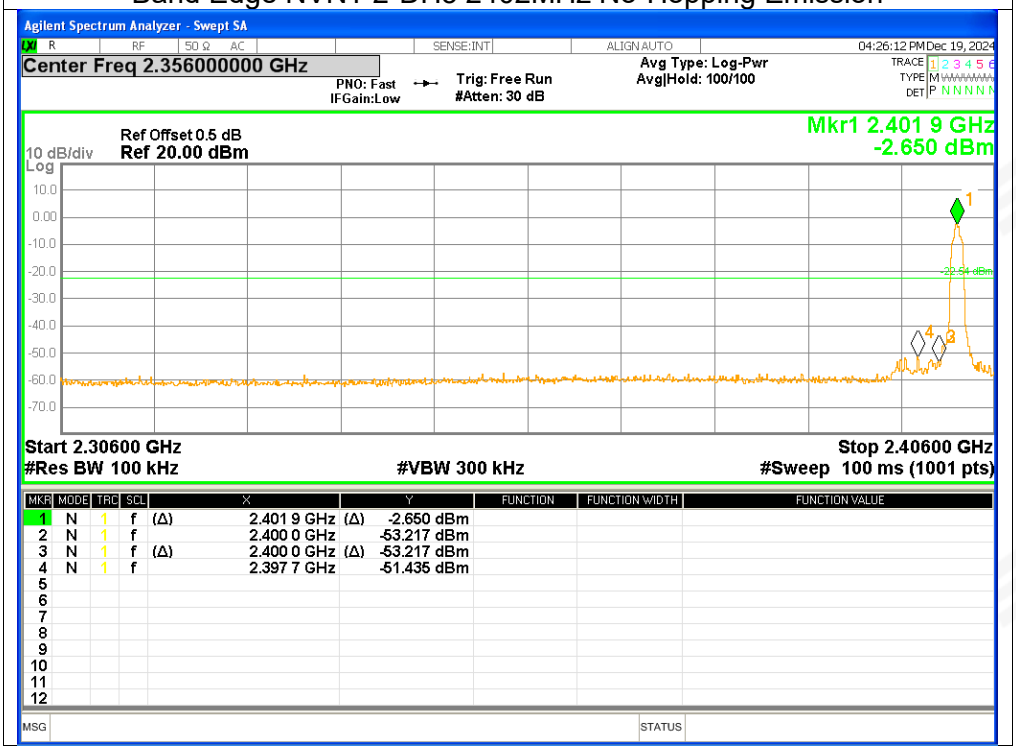
Band Edge NVNT 2-DH5 2402MHz No-Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 9 GHz	(Δ) -2.650 dBm			
2	N	1	f	2.400 0 GHz	-53.217 dBm			
3	N	1	f	(Δ) 2.400 0 GHz	(Δ) -53.217 dBm			
4	N	1	f	2.397 7 GHz	-51.435 dBm			
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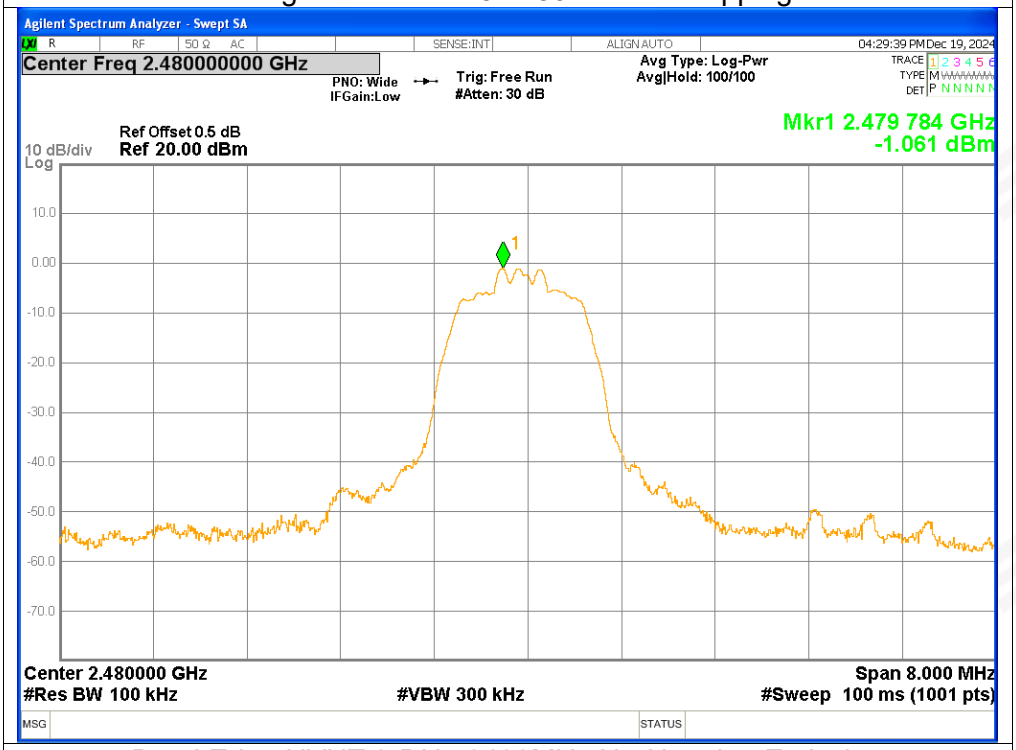
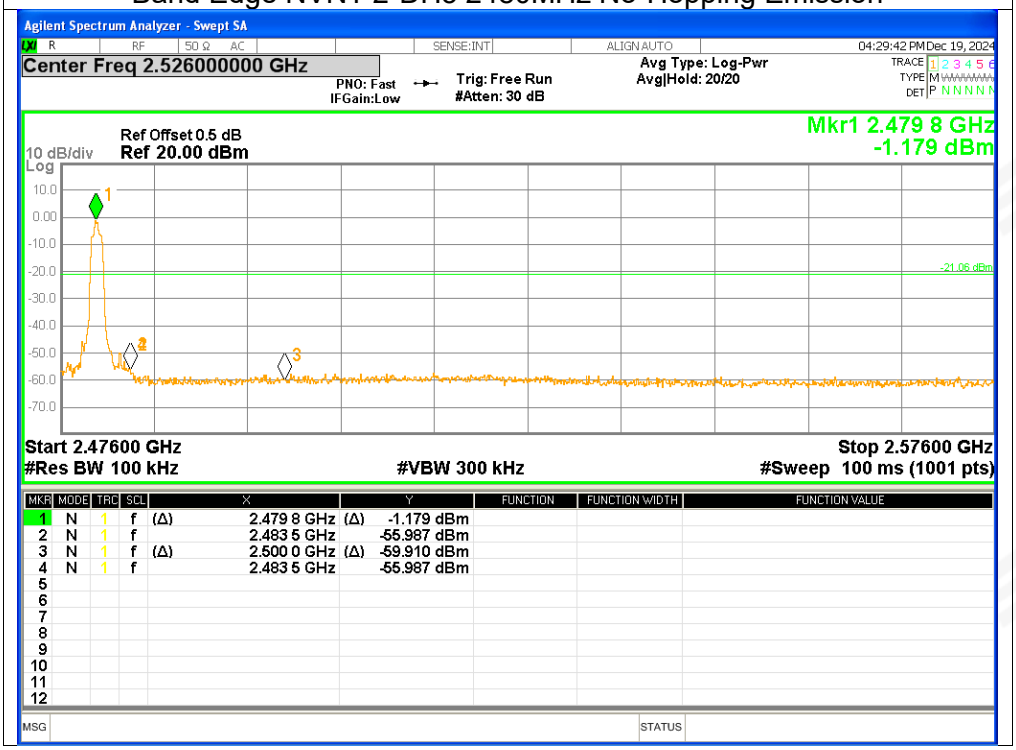
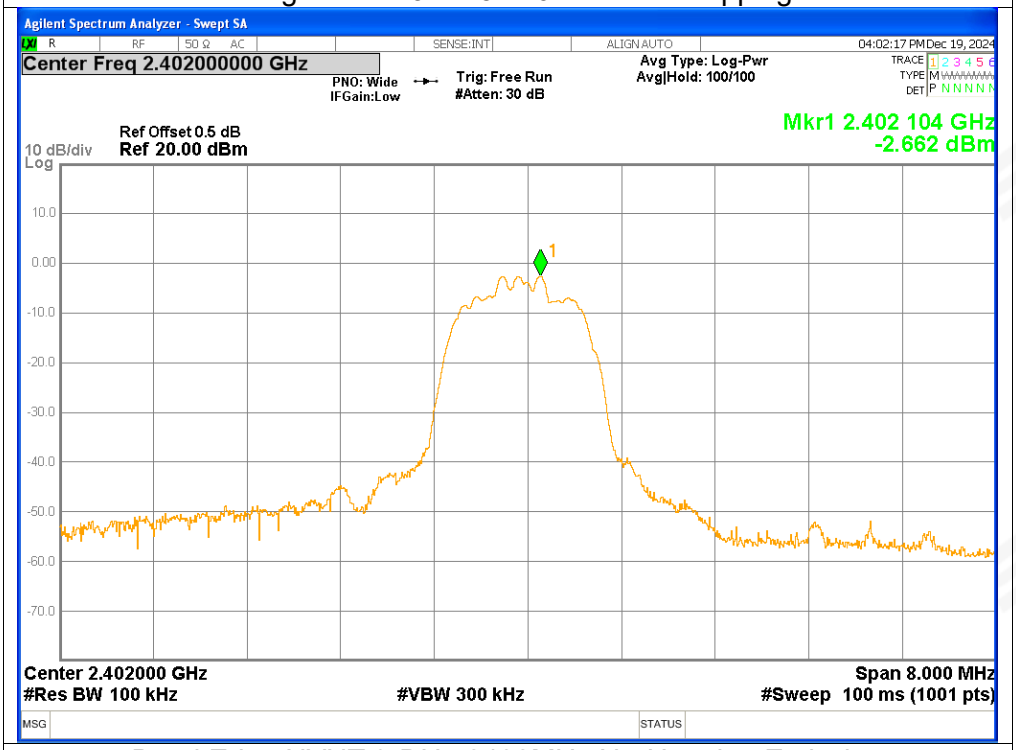
Band Edge NVNT 2-DH5 2480MHz No-Hopping Ref



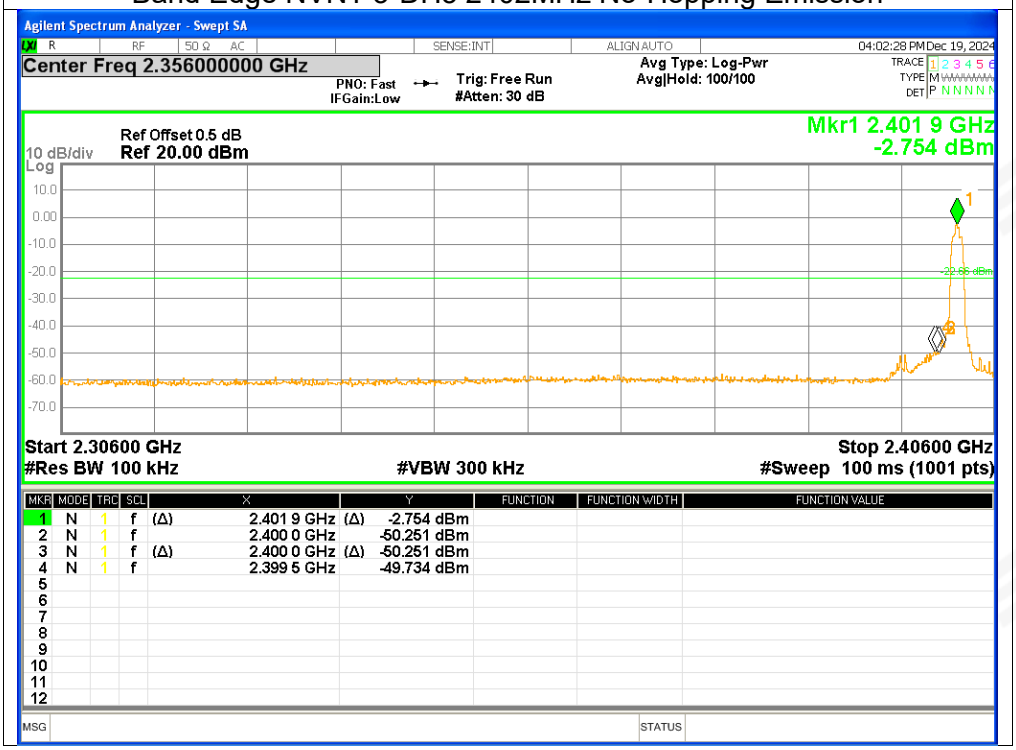
Band Edge NVNT 2-DH5 2480MHz No-Hopping Emission



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



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 9 GHz	(Δ) -2.754 dBm			
2	N	1	f	2.400 0 GHz	-50.251 dBm			
3	N	1	f	(Δ) 2.400 0 GHz	(Δ) -50.251 dBm			
4	N	1	f	2.399 5 GHz	-49.734 dBm			
5								
6								
7								
8								
9								
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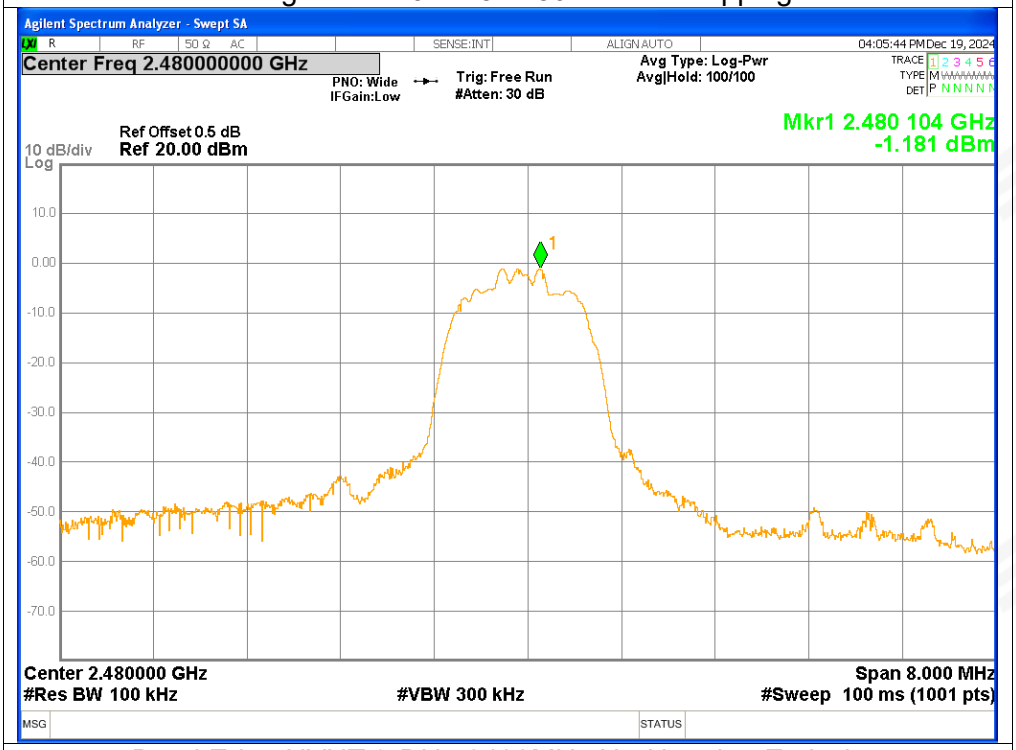
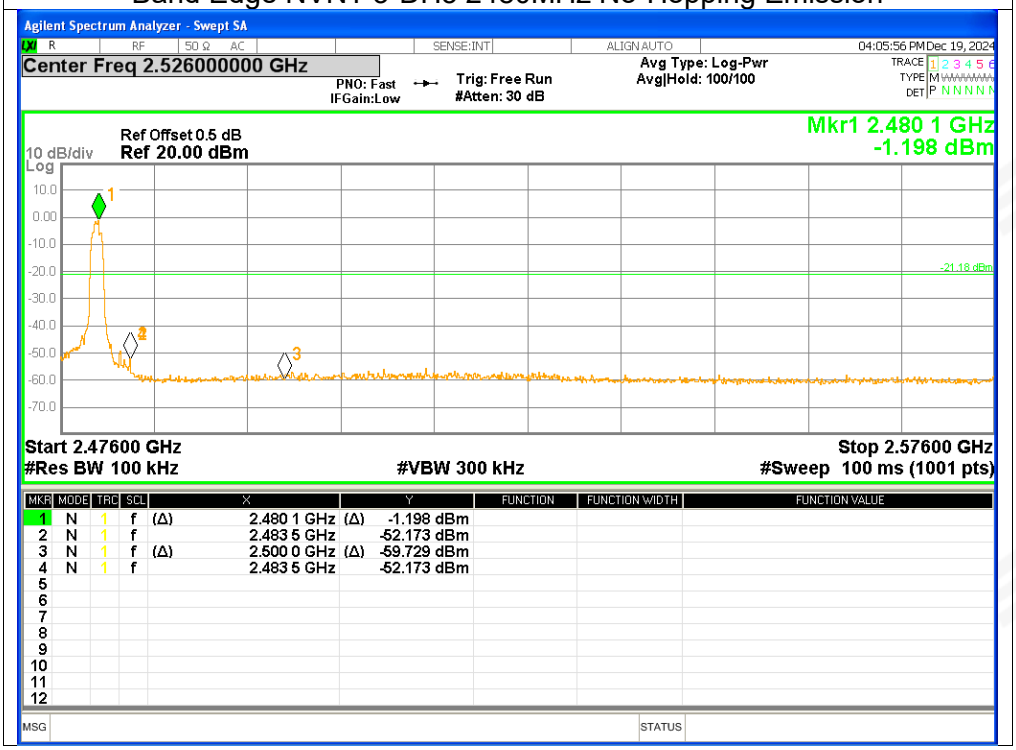
Band Edge NVNT 3-DH5 2480MHz No-Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.480 1 GHz	(Δ) -1.198 dBm			
2	N	1	f	2.483 5 GHz	-52.173 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -59.729 dBm			
4	N	1	f	2.483 5 GHz	-52.173 dBm			
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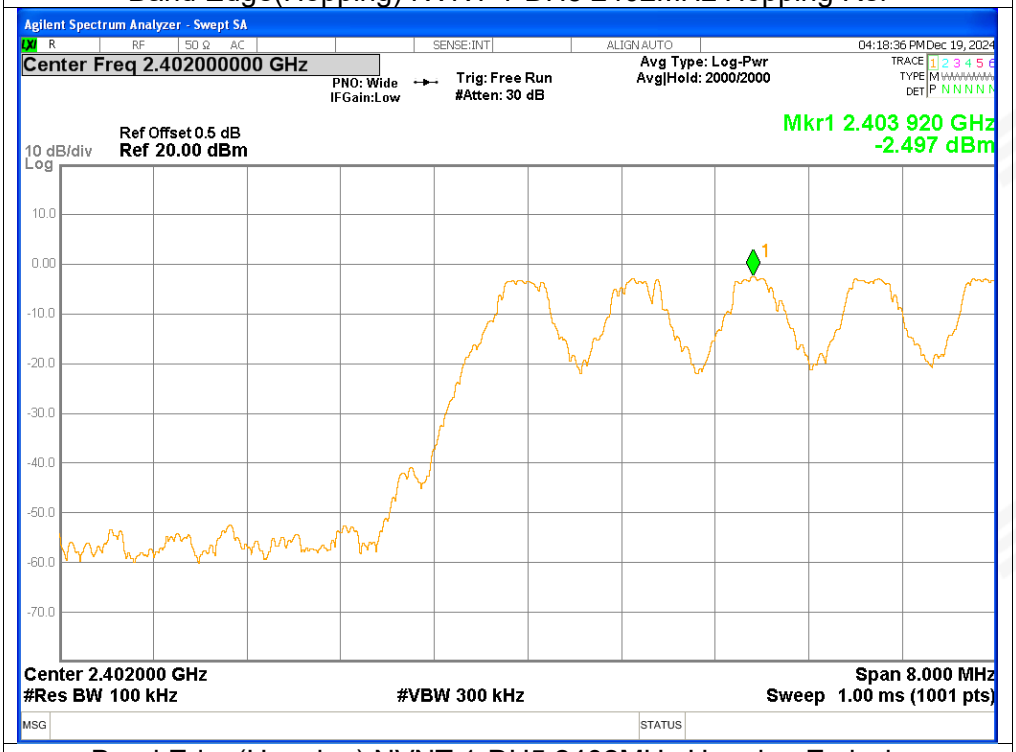
7. Band Edge(Hopping)

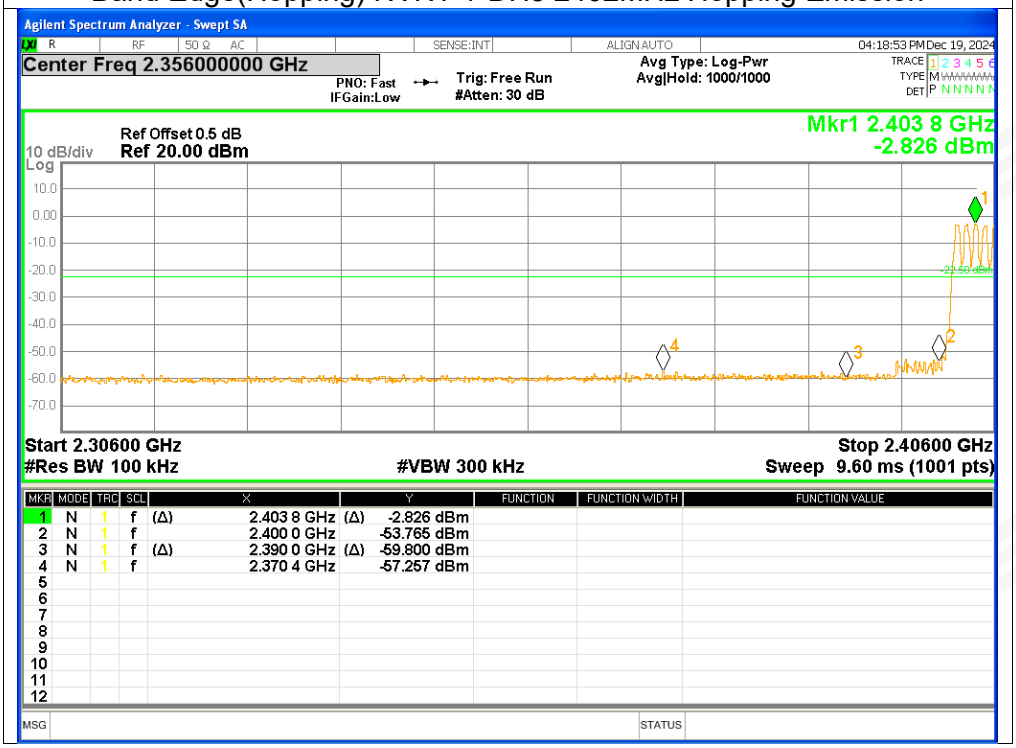
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Hopping	-54.75	<=-20	Pass
NVNT	1-DH5	2480	Hopping	-52.38	<=-20	Pass
NVNT	2-DH5	2402	Hopping	-50.81	<=-20	Pass
NVNT	2-DH5	2480	Hopping	-54.94	<=-20	Pass
NVNT	3-DH5	2402	Hopping	-54.24	<=-20	Pass
NVNT	3-DH5	2480	Hopping	-52.46	<=-20	Pass

Test Graphs

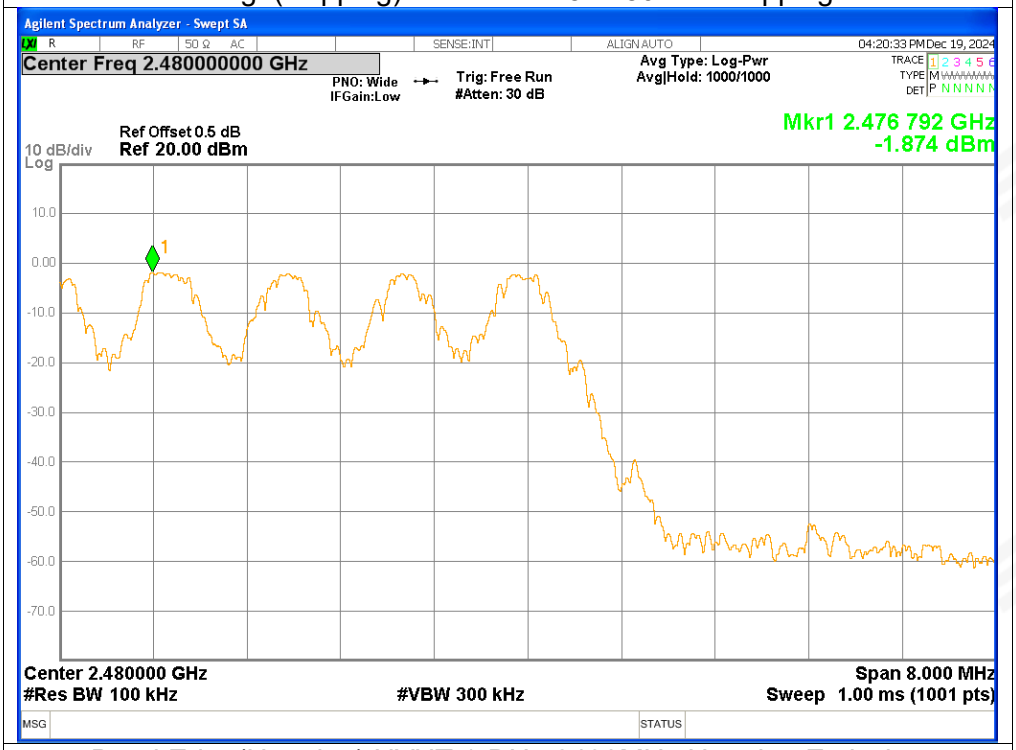
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Ref



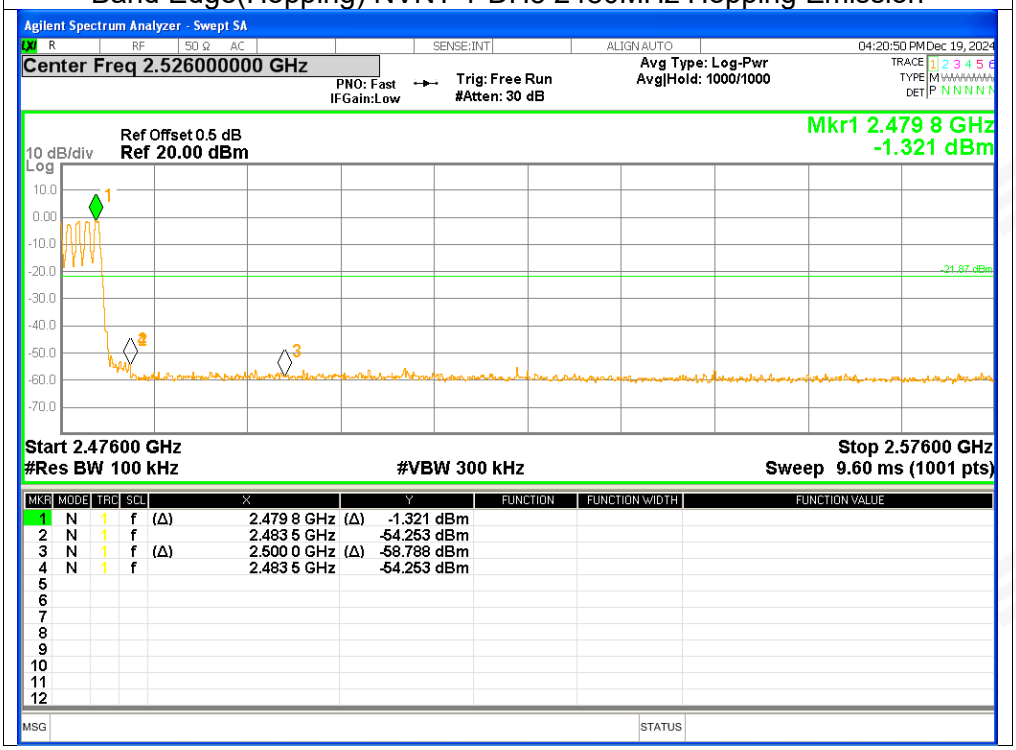
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Emission



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



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.479 8 GHz	(Δ) -1.321 dBm			
2	N	1	f	2.483 5 GHz	-54.253 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -58.788 dBm			
4	N	1	f	2.483 5 GHz	-54.253 dBm			
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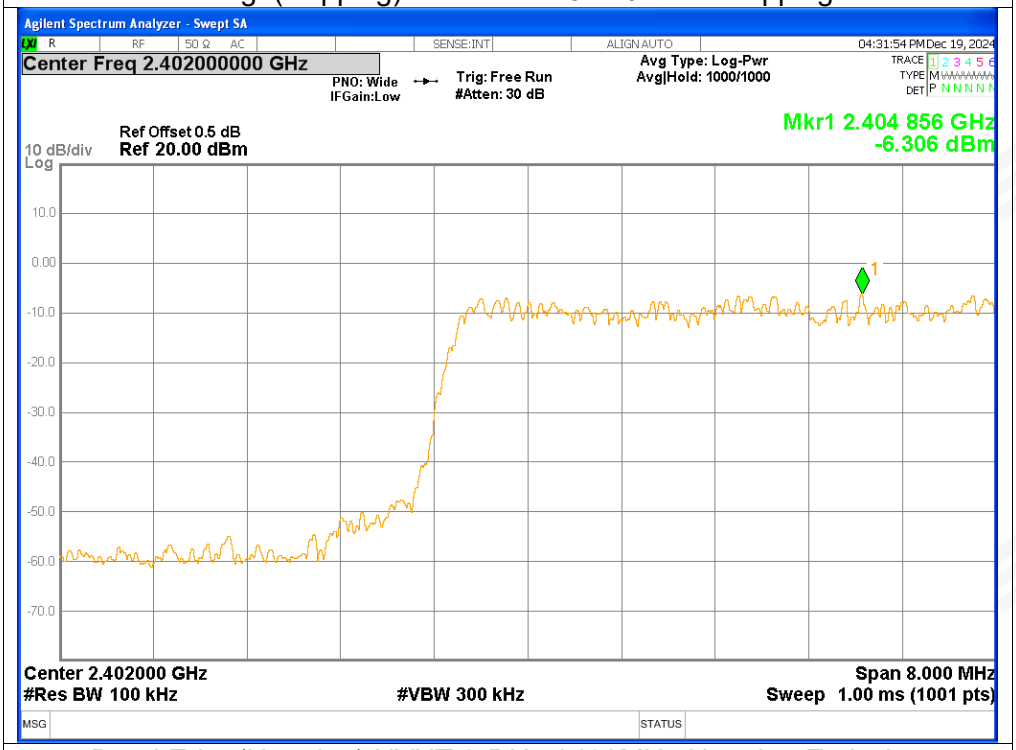
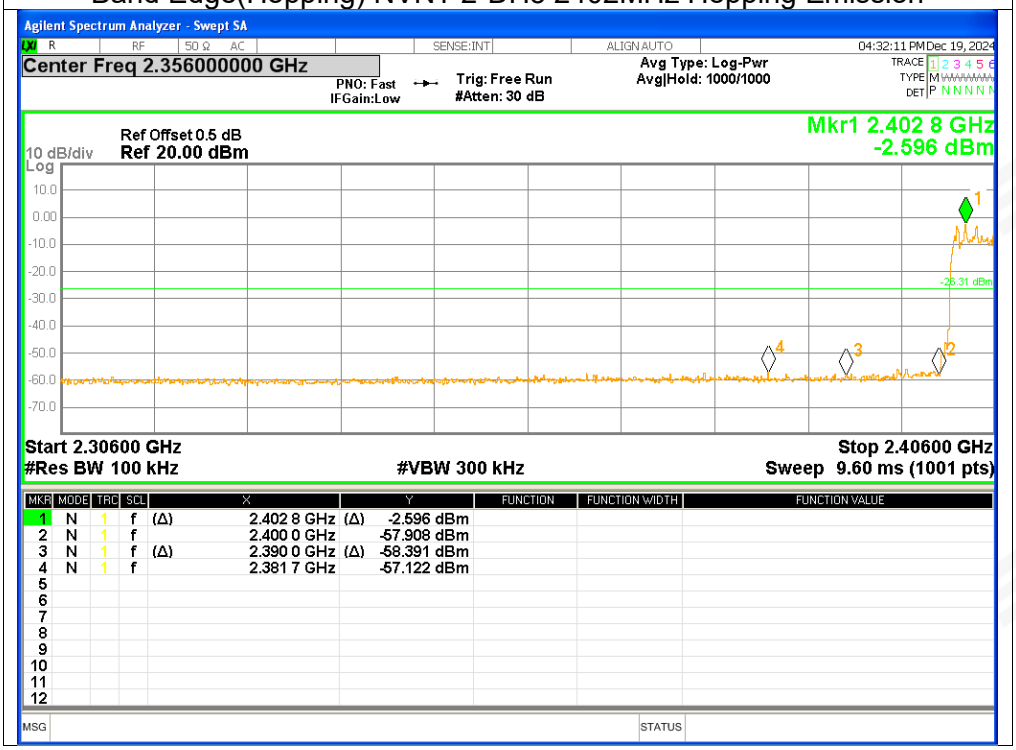
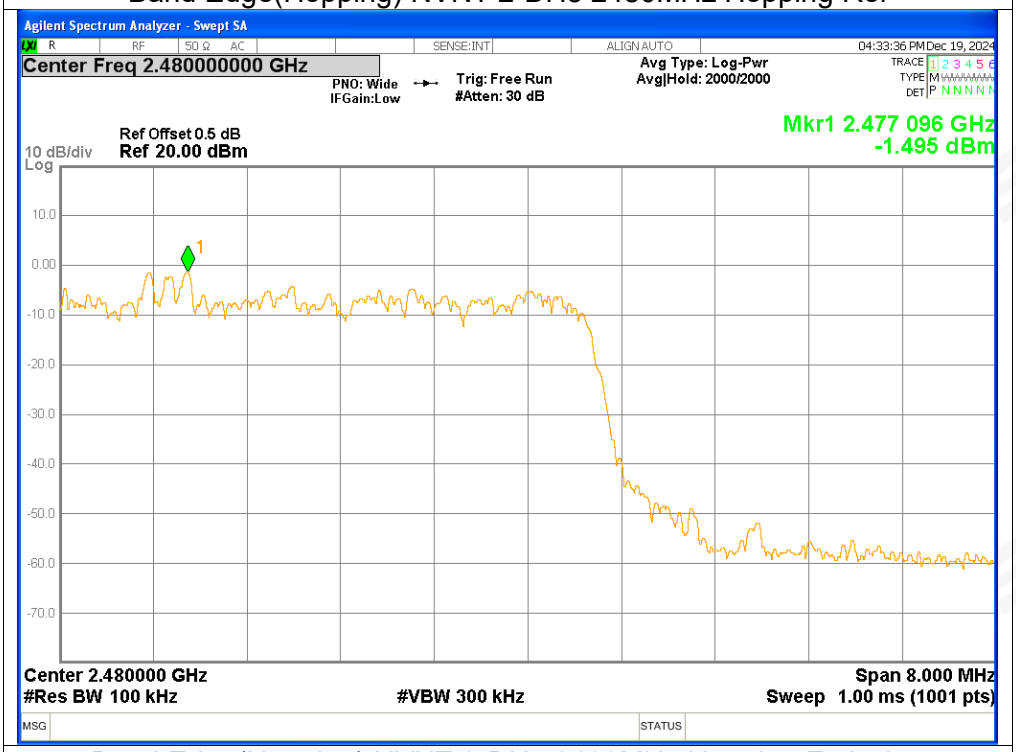
Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Ref



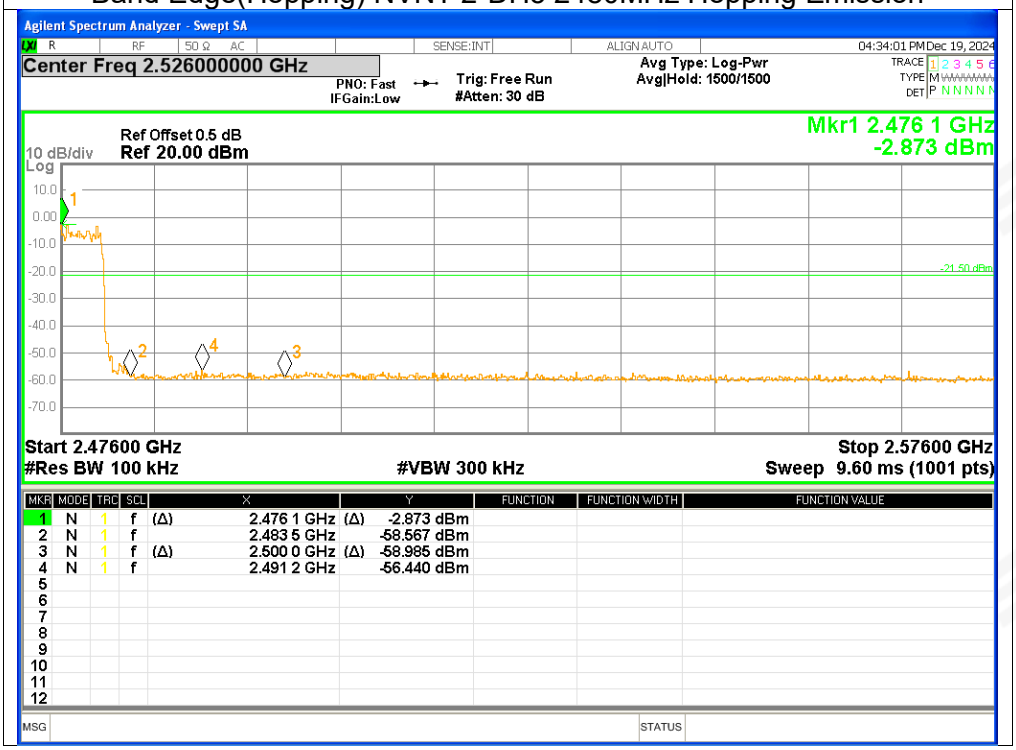
Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Emission



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



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.476 1 GHz	(Δ) -2.873 dBm			
2	N	1	f	2.483 5 GHz	-58.567 dBm			
3	N	1	f	(Δ) 2.500 0 GHz	(Δ) -58.985 dBm			
4	N	1	f	2.491 2 GHz	-56.440 dBm			
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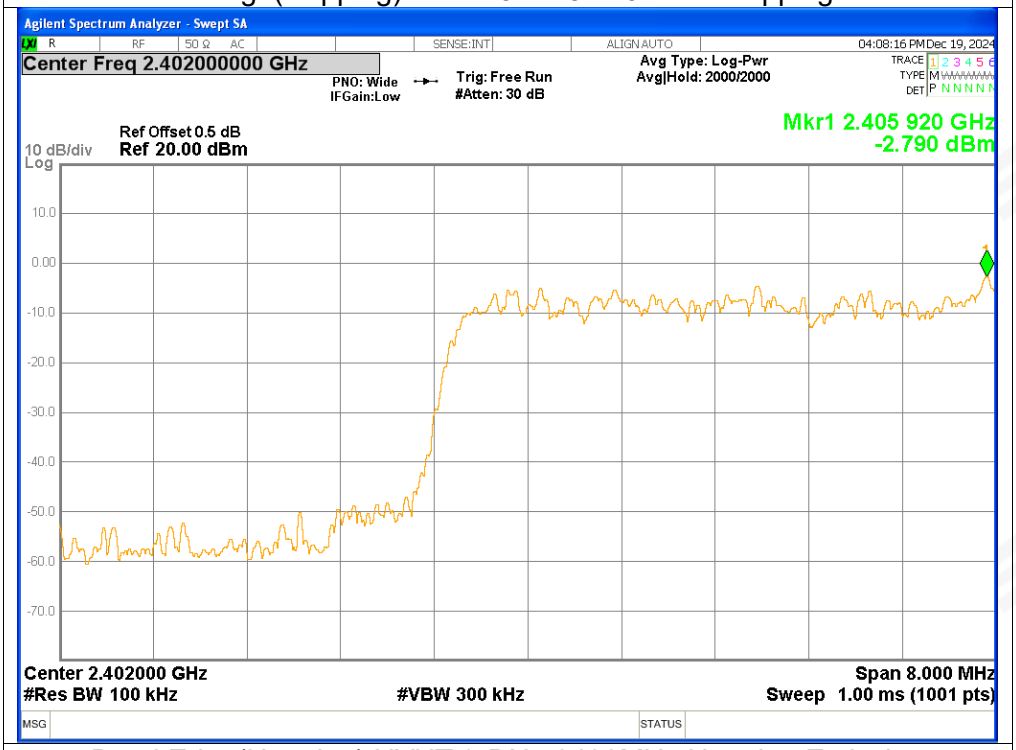
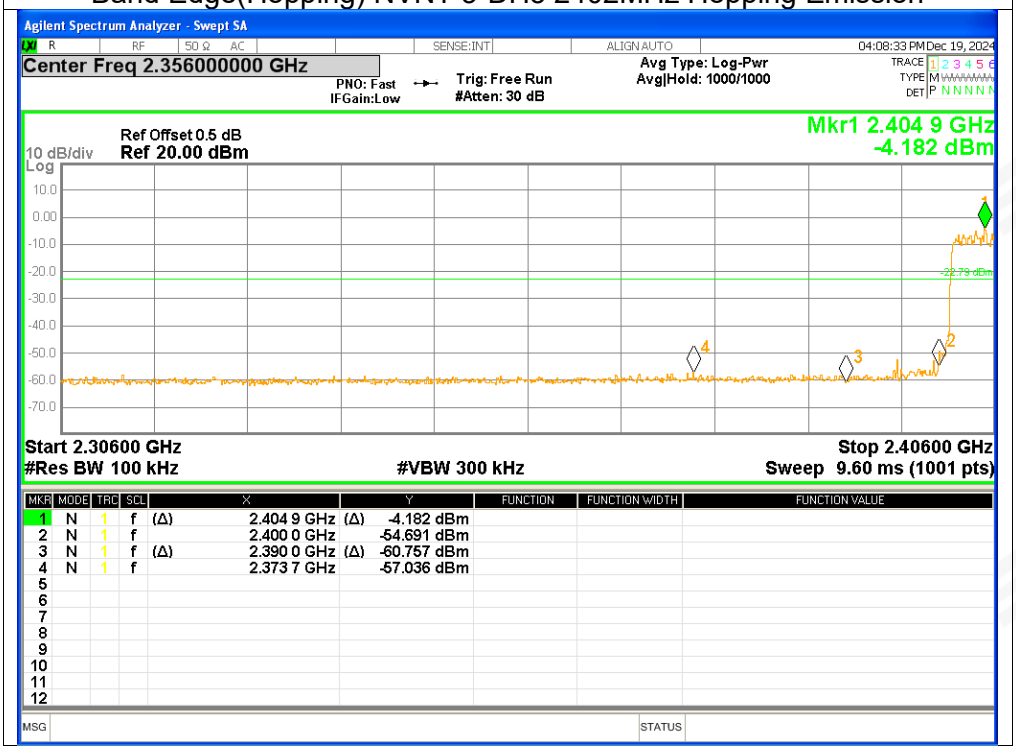
Band Edge(Hopping) NVNT 3-DH5 2402MHz Hopping Ref



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



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.404 9 GHz	(Δ) -4.182 dBm			
2	N	1	f	2.400 0 GHz	-54.691 dBm			
3	N	1	f	(Δ) 2.390 0 GHz	(Δ) -60.757 dBm			
4	N	1	f	2.373 7 GHz	-57.036 dBm			
5								
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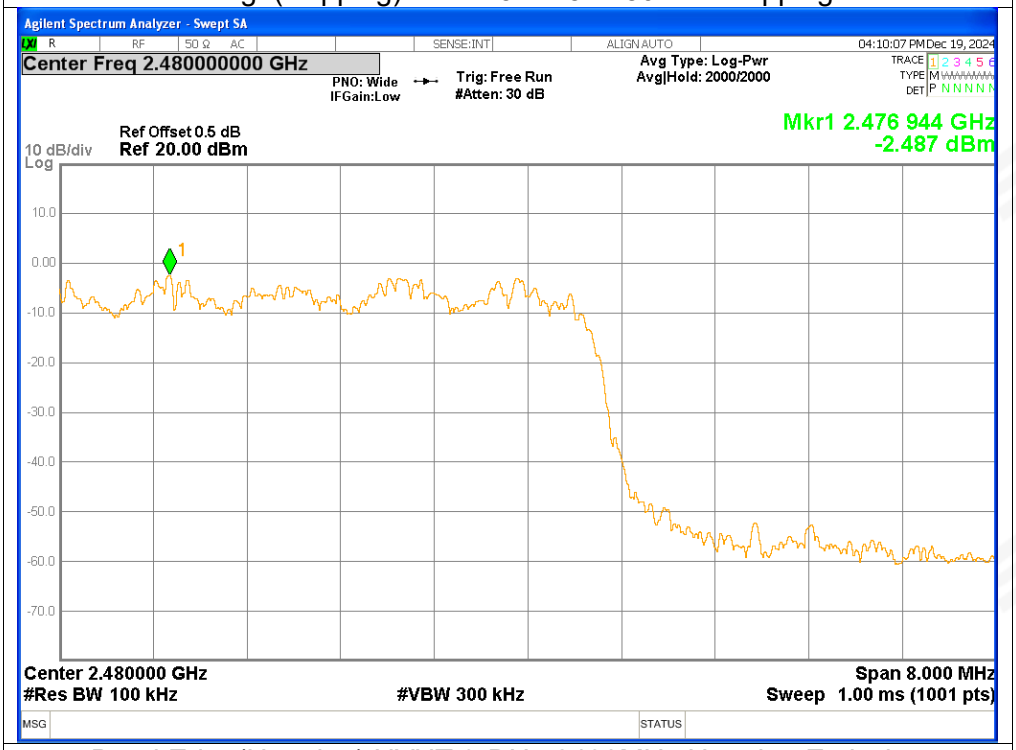
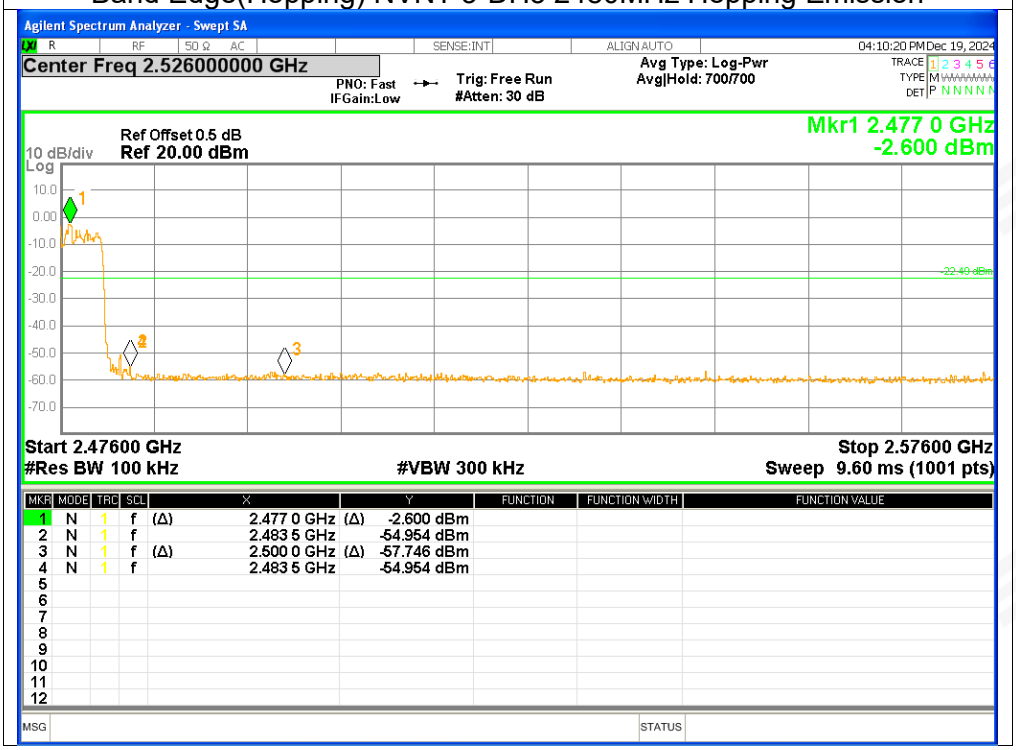
Band Edge(Hopping) NVNT 3-DH5 2480MHz Hopping Ref



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

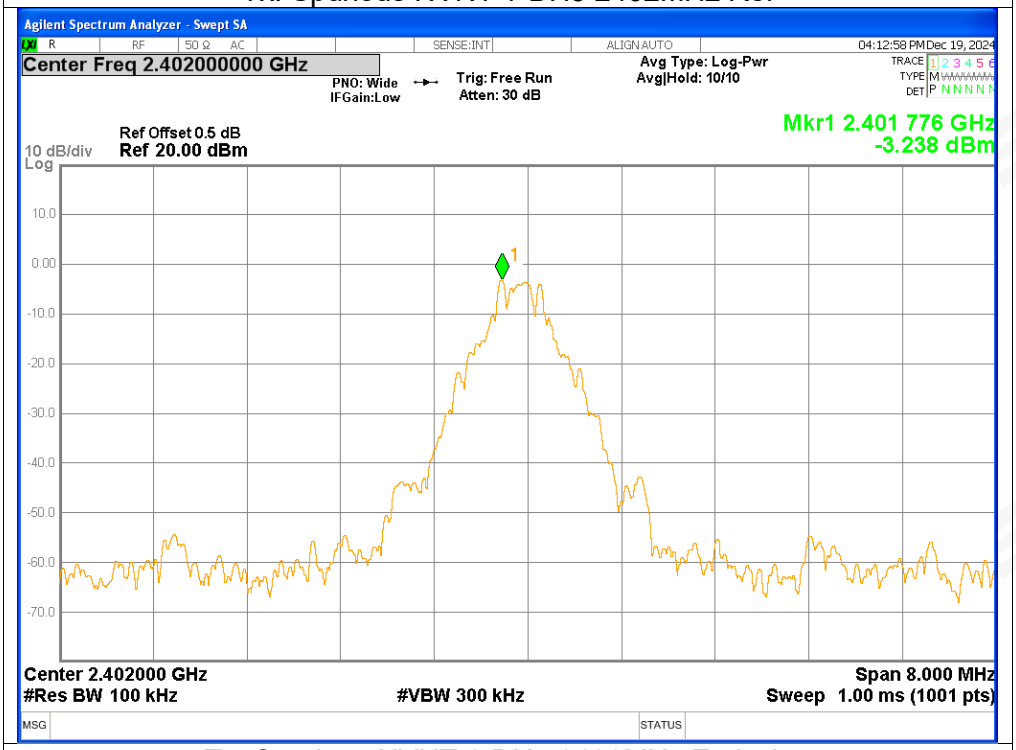


8. Conducted RF Spurious Emission

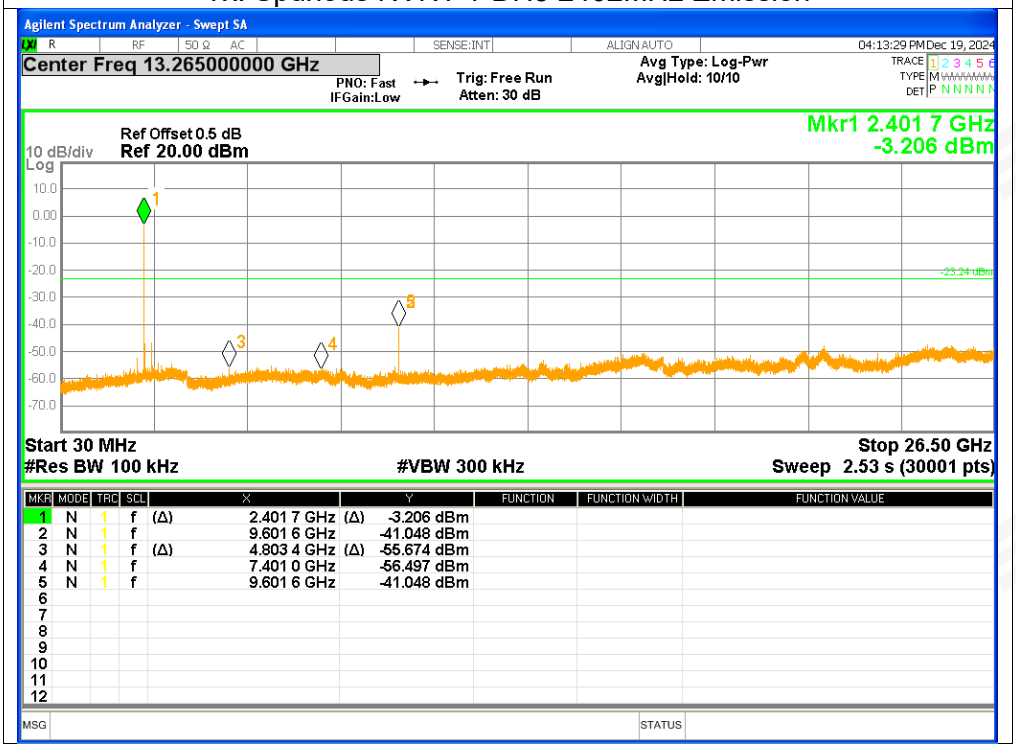
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	-37.8	<=-20	Pass
NVNT	1-DH5	2441	-37.5	<=-20	Pass
NVNT	1-DH5	2480	-41.19	<=-20	Pass
NVNT	2-DH5	2402	-37.93	<=-20	Pass
NVNT	2-DH5	2441	-33.11	<=-20	Pass
NVNT	2-DH5	2480	-40.25	<=-20	Pass
NVNT	3-DH5	2402	-38.23	<=-20	Pass
NVNT	3-DH5	2441	-37.93	<=-20	Pass
NVNT	3-DH5	2480	-41.71	<=-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ref

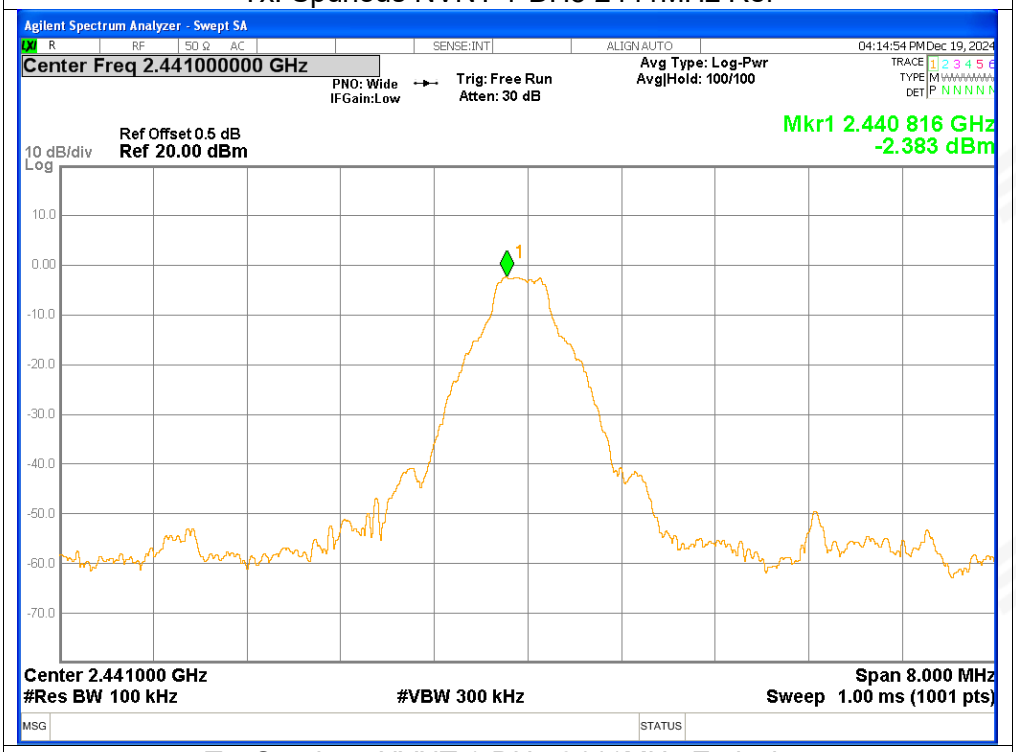


Tx. Spurious NVNT 1-DH5 2402MHz Emission

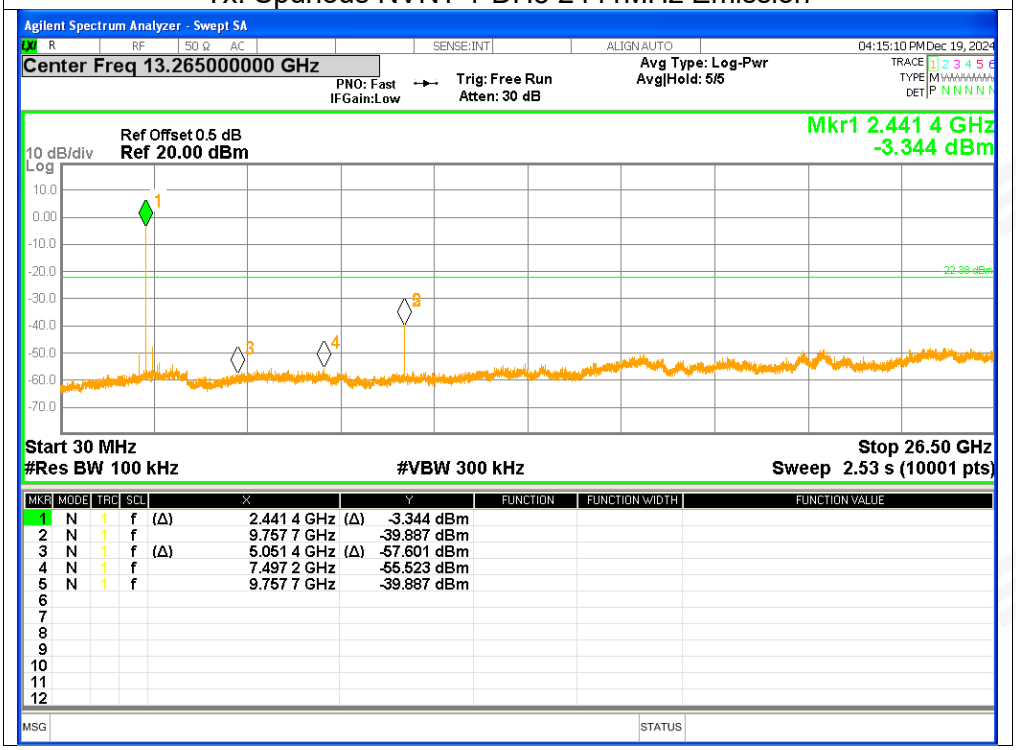


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 7 GHz	(Δ) -3.206 dBm			
2	N	1	f	9.601 6 GHz	-41.048 dBm			
3	N	1	f	(Δ) 4.803 4 GHz	(Δ) -55.674 dBm			
4	N	1	f	7.401 0 GHz	-56.497 dBm			
5	N	1	f	9.601 6 GHz	-41.048 dBm			

Tx. Spurious NVNT 1-DH5 2441MHz Ref



Tx. Spurious NVNT 1-DH5 2441MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.441 4 GHz	(Δ) -3.344 dBm			
2	N	1	f	9.757 7 GHz	-39.887 dBm			
3	N	1	f	(Δ) 5.051 4 GHz	(Δ) -57.601 dBm			
4	N	1	f	7.497 2 GHz	-55.523 dBm			
5	N	1	f	9.757 7 GHz	-39.887 dBm			
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9								
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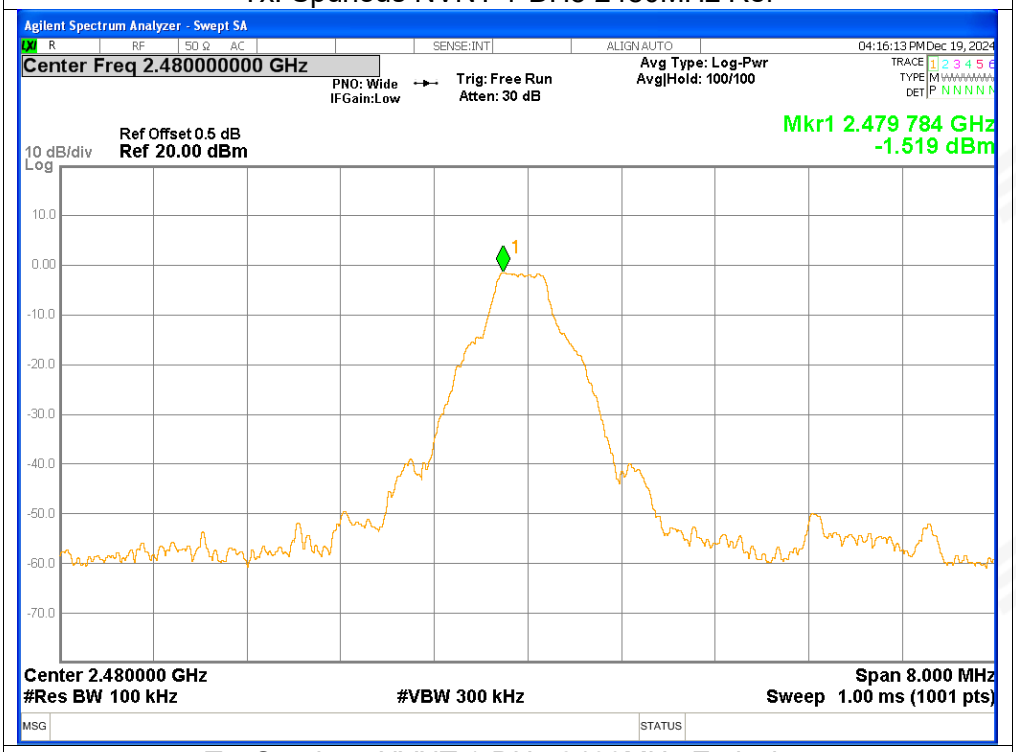
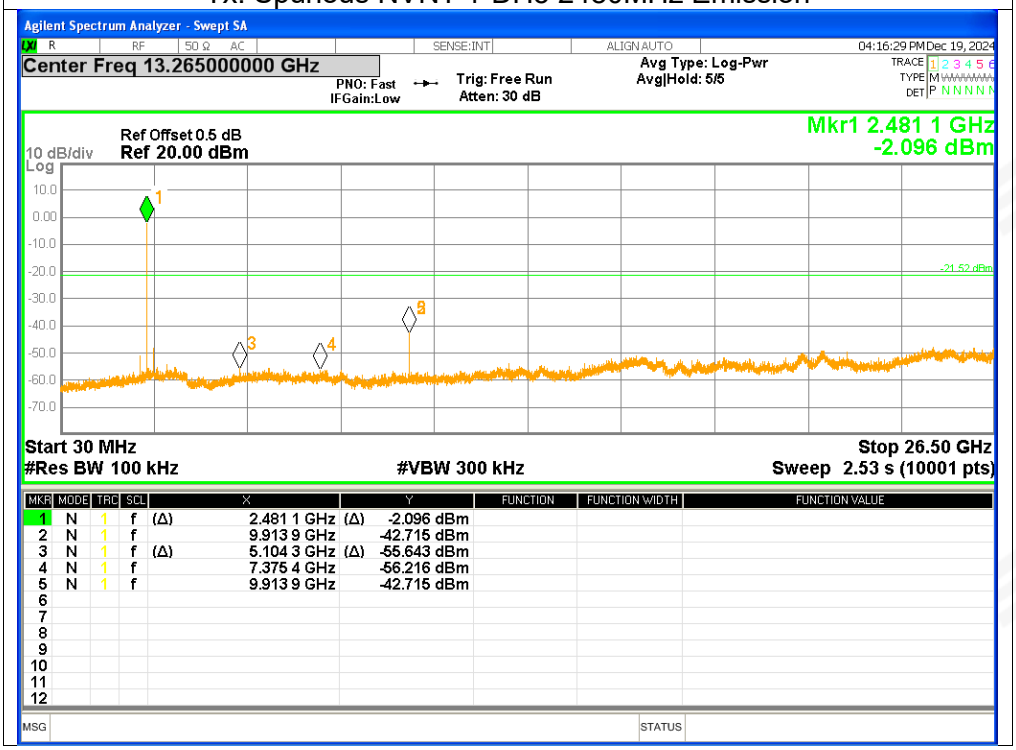
Tx. Spurious NVNT 1-DH5 2480MHz Ref



Tx. Spurious NVNT 1-DH5 2480MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.481 1 GHz	(Δ) -2.096 dBm			
2	N	1	f	9.913 9 GHz	-42.715 dBm			
3	N	1	f	(Δ) 5.104 3 GHz	(Δ) -55.643 dBm			
4	N	1	f	7.375 4 GHz	-56.216 dBm			
5	N	1	f	9.913 9 GHz	-42.715 dBm			
6								
7								
8								
9								
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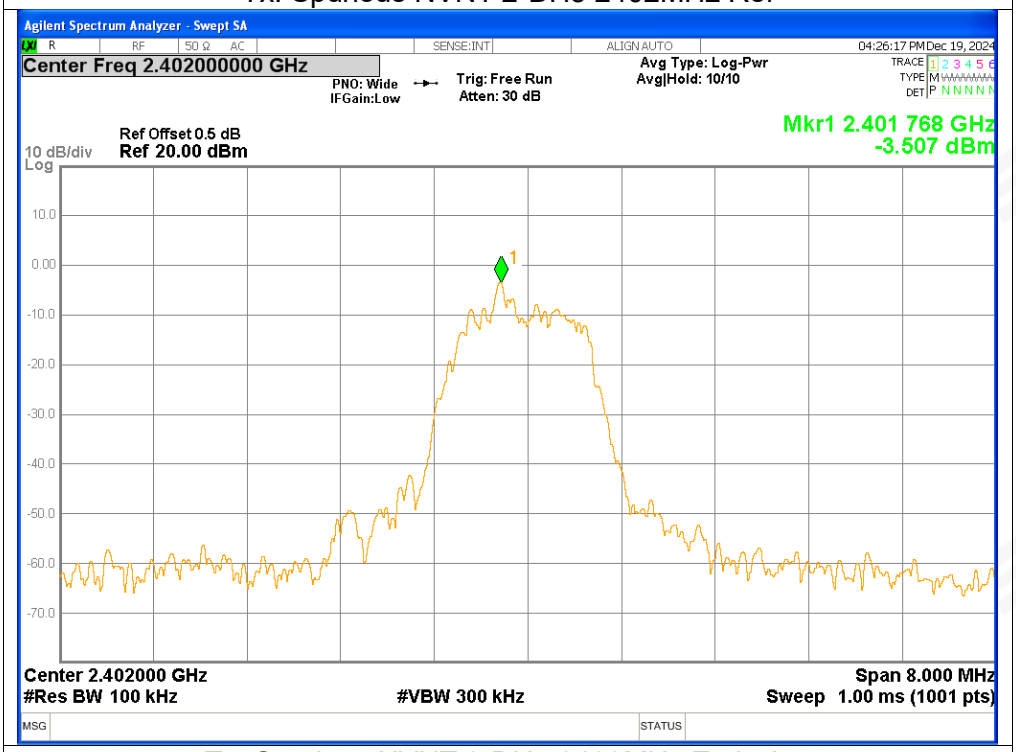
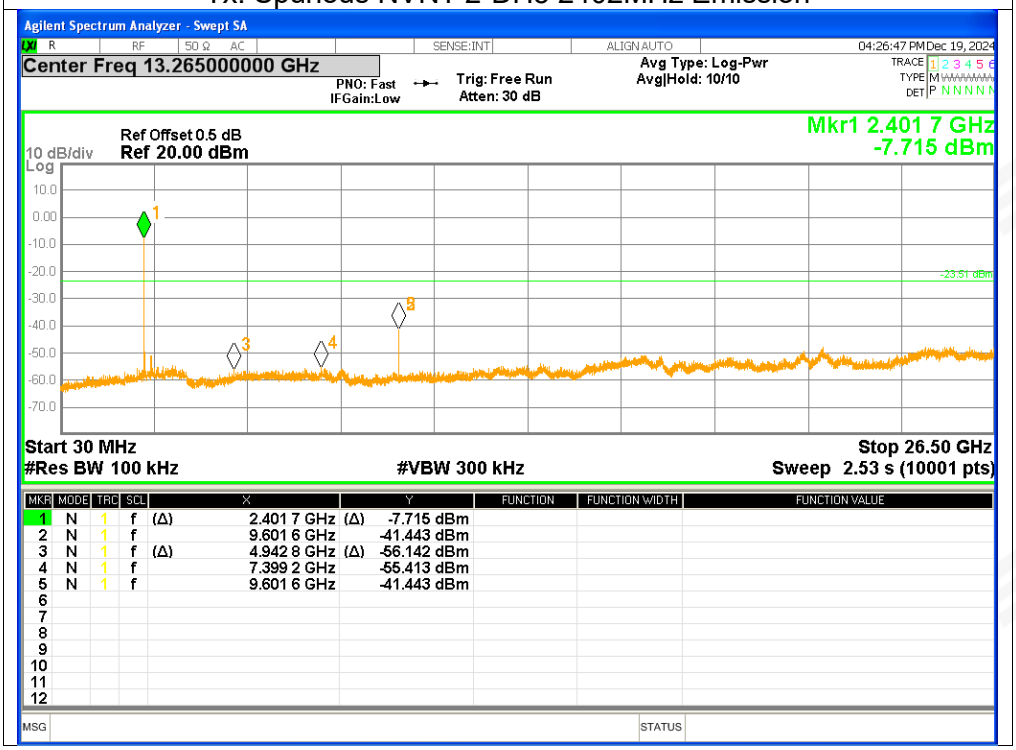
Tx. Spurious NVNT 2-DH5 2402MHz Ref

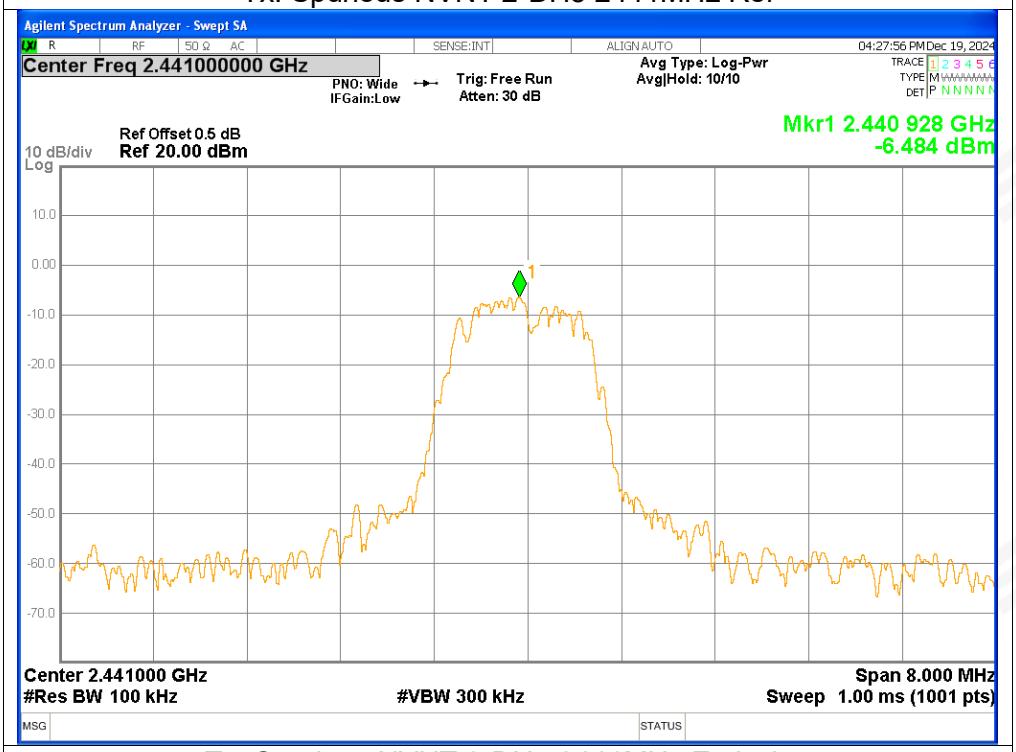


Tx. Spurious NVNT 2-DH5 2402MHz Emission

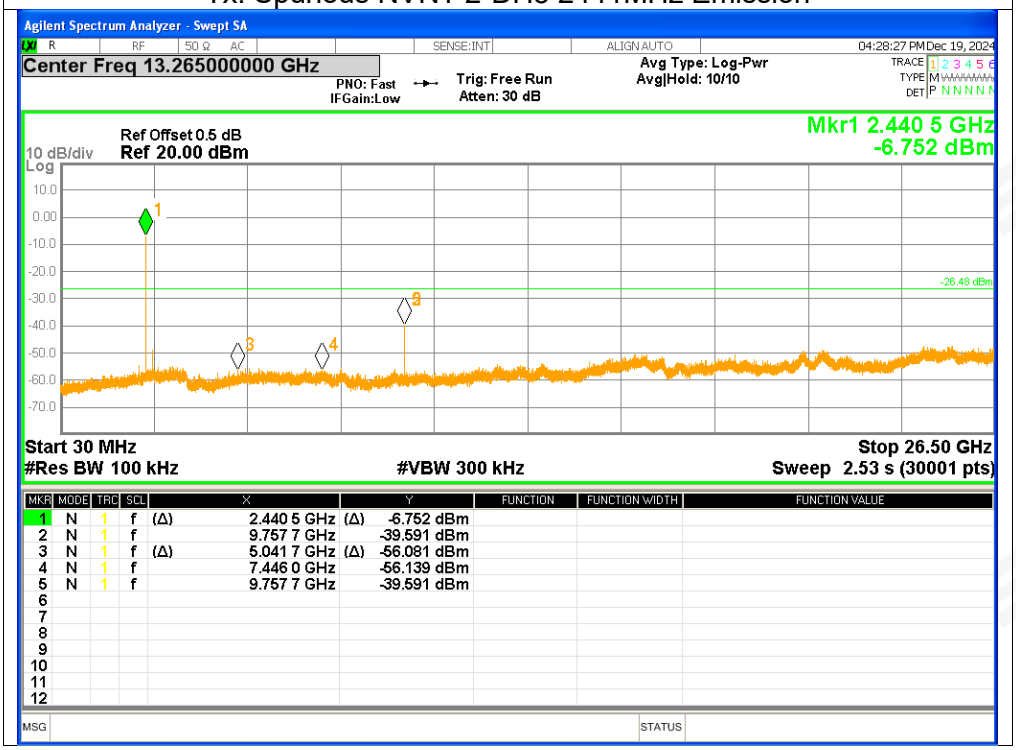


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 7 GHz	(Δ) -7.715 dBm			
2	N	1	f	9.601 6 GHz	-41.443 dBm			
3	N	1	f	(Δ) 4.942 8 GHz	(Δ) -56.142 dBm			
4	N	1	f	7.399 2 GHz	-55.413 dBm			
5	N	1	f	9.601 6 GHz	-41.443 dBm			
6								
7								
8								
9								
10								
11								
12								

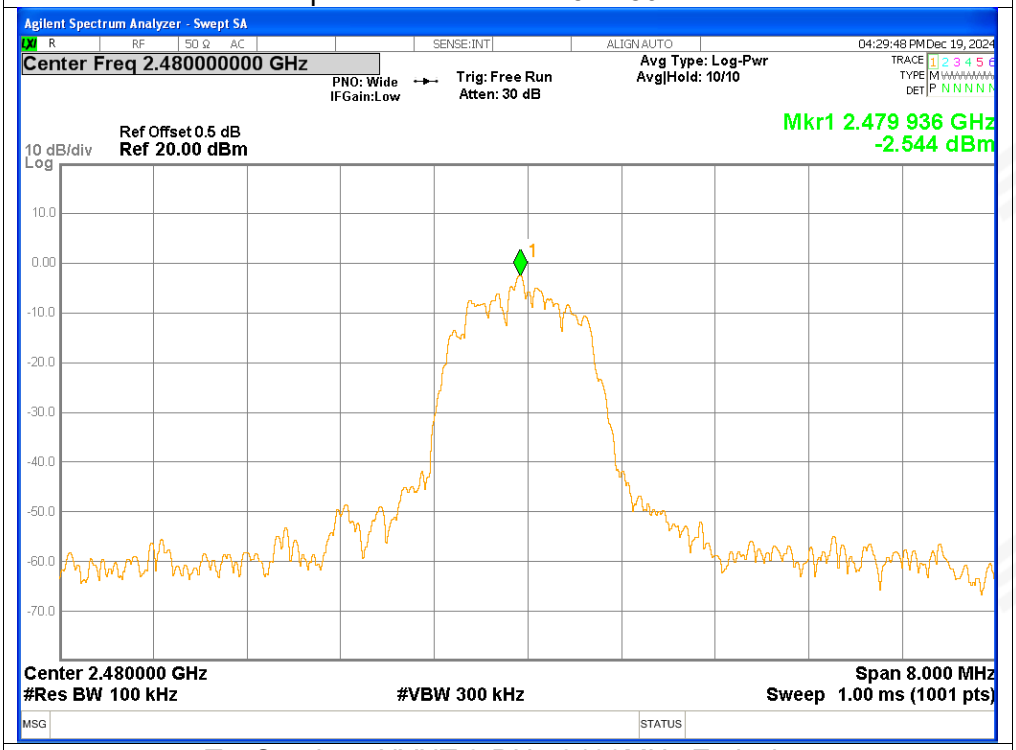
Tx. Spurious NVNT 2-DH5 2441MHz Ref



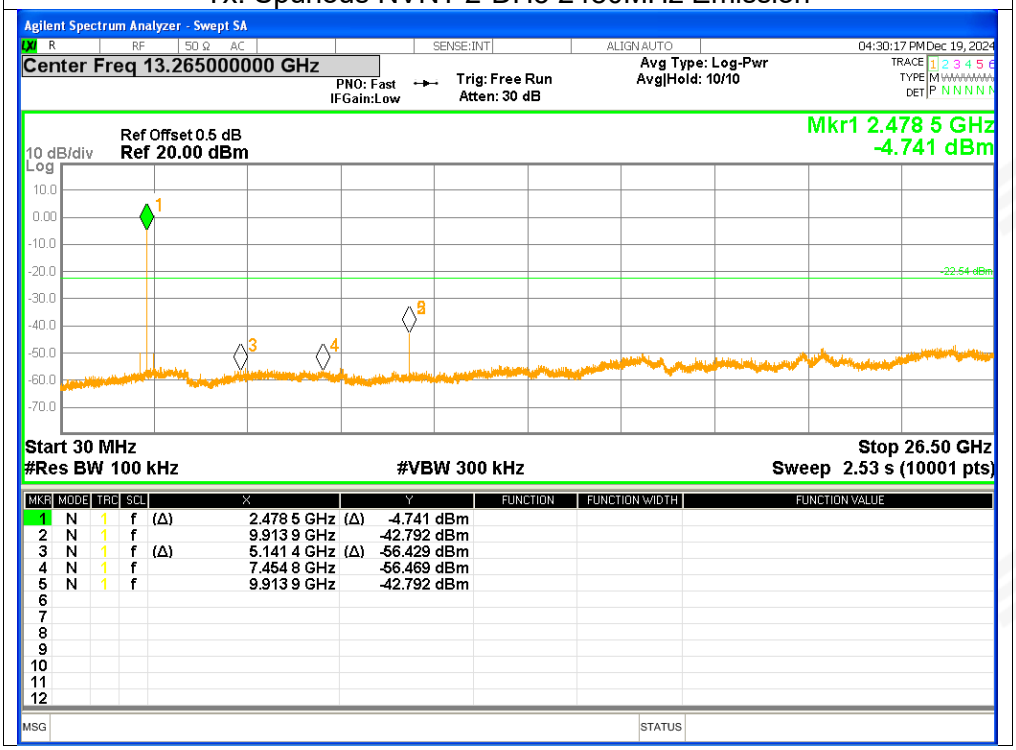
Tx. Spurious NVNT 2-DH5 2441MHz Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ref

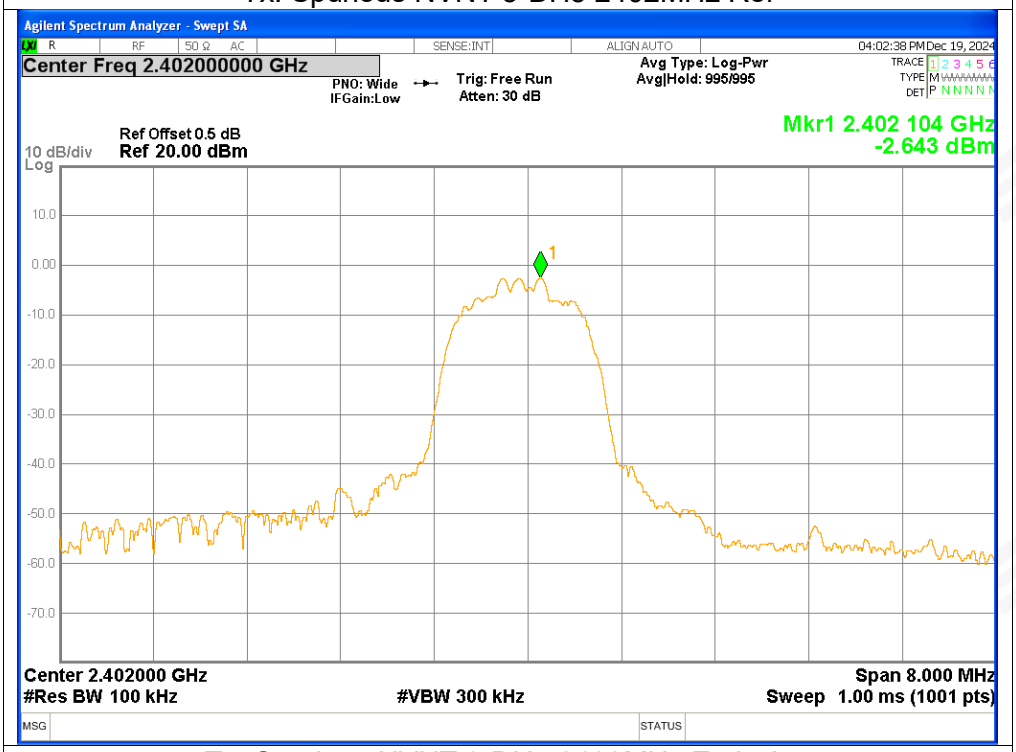


Tx. Spurious NVNT 2-DH5 2480MHz Emission

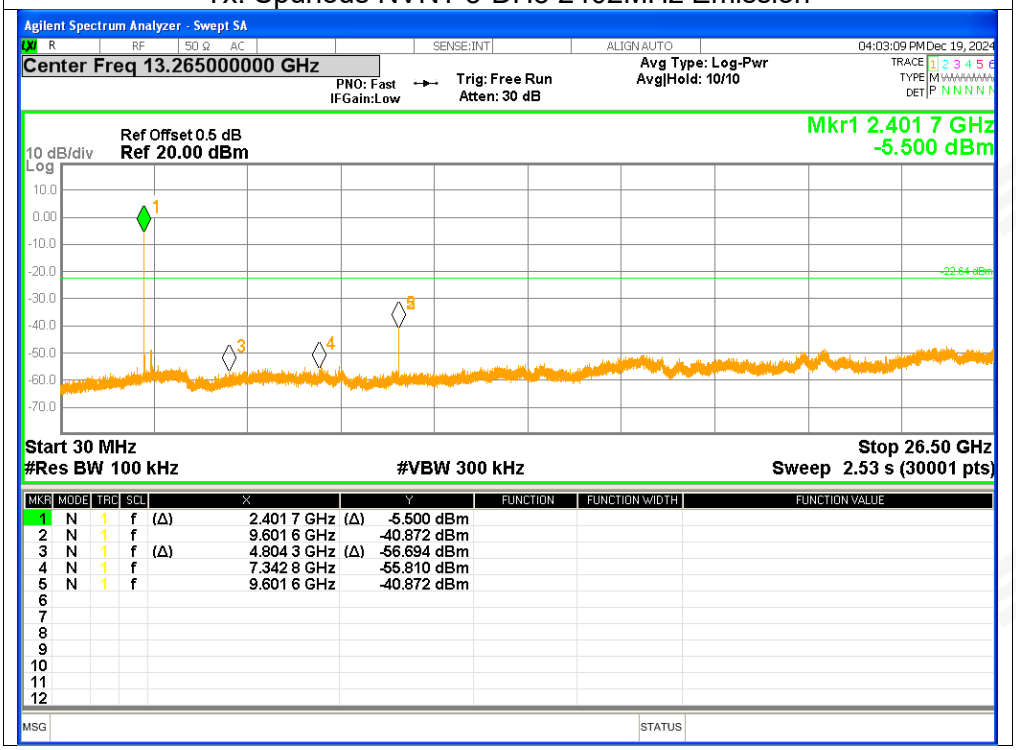


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.478 5 GHz	(Δ) -4.741 dBm			
2	N	1	f	9.913 9 GHz	-42.792 dBm			
3	N	1	f	(Δ) 5.141 4 GHz	(Δ) -56.429 dBm			
4	N	1	f	7.454 8 GHz	-56.469 dBm			
5	N	1	f	9.913 9 GHz	-42.792 dBm			
6								
7								
8								
9								
10								
11								
12								

Tx. Spurious NVNT 3-DH5 2402MHz Ref

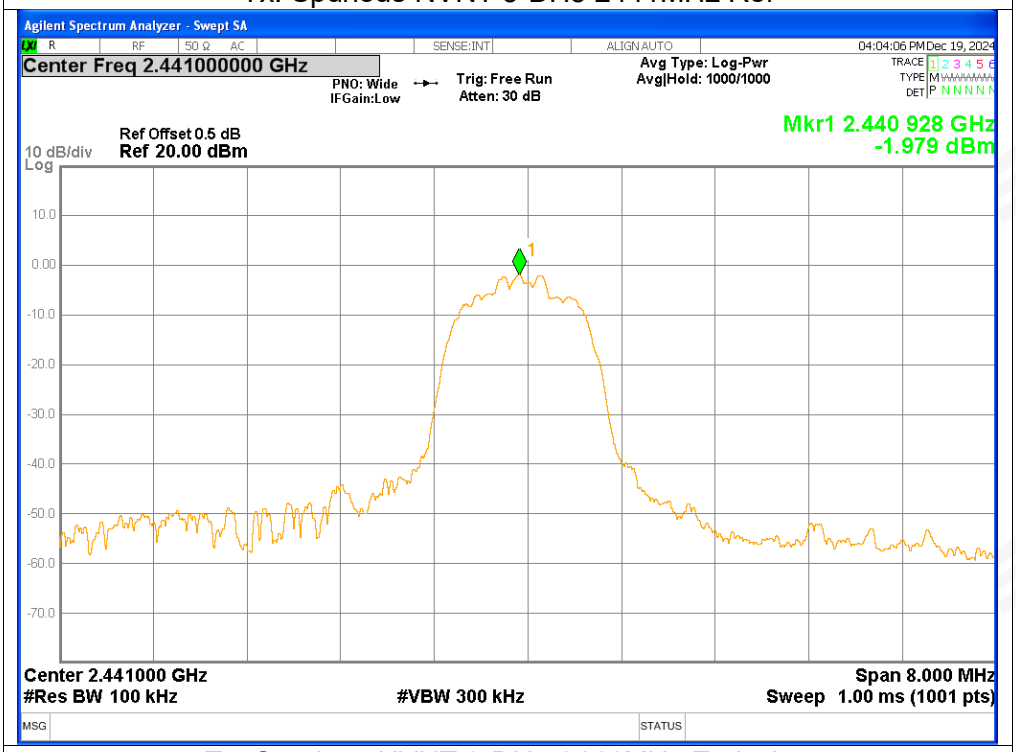


Tx. Spurious NVNT 3-DH5 2402MHz Emission

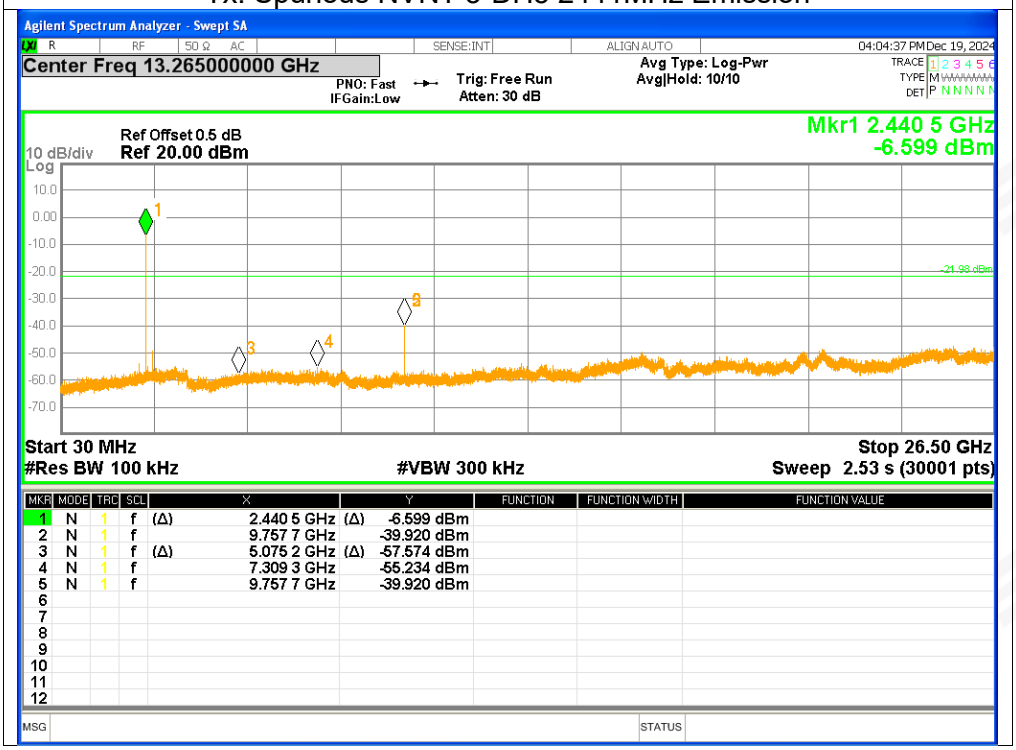


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.401 7 GHz	(Δ) -5.500 dBm			
2	N	1	f	9.601 6 GHz	-40.872 dBm			
3	N	1	f	(Δ) 4.804 3 GHz	(Δ) -56.694 dBm			
4	N	1	f	7.342 8 GHz	-55.810 dBm			
5	N	1	f	9.601 6 GHz	-40.872 dBm			
6								
7								
8								
9								
10								
11								
12								

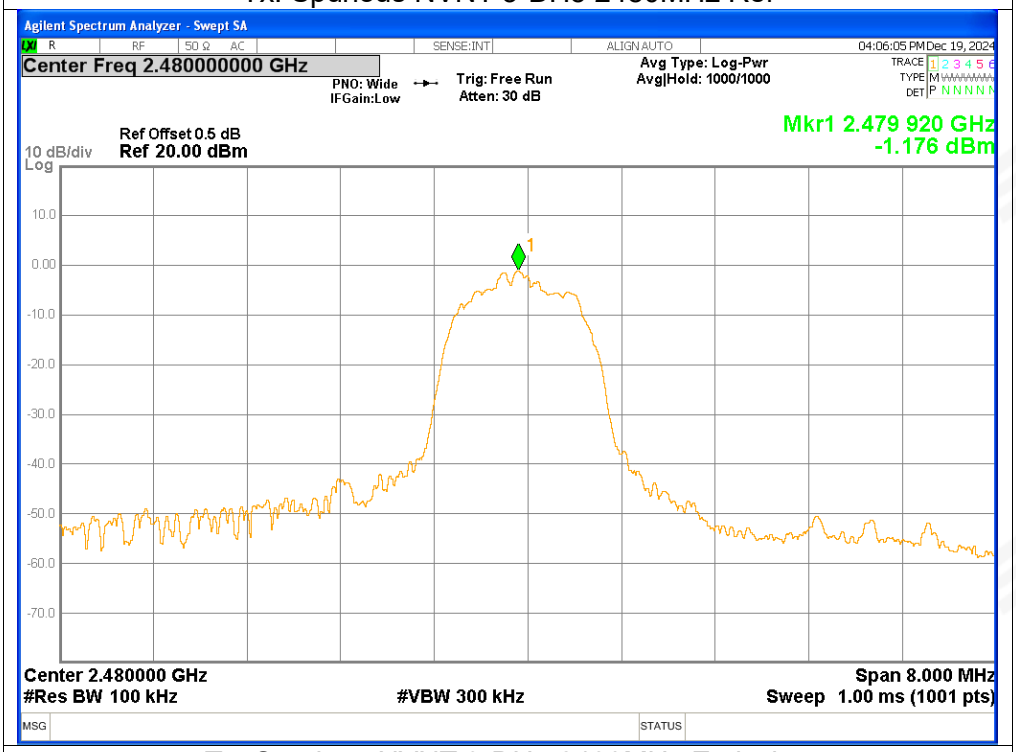
Tx. Spurious NVNT 3-DH5 2441MHz Ref



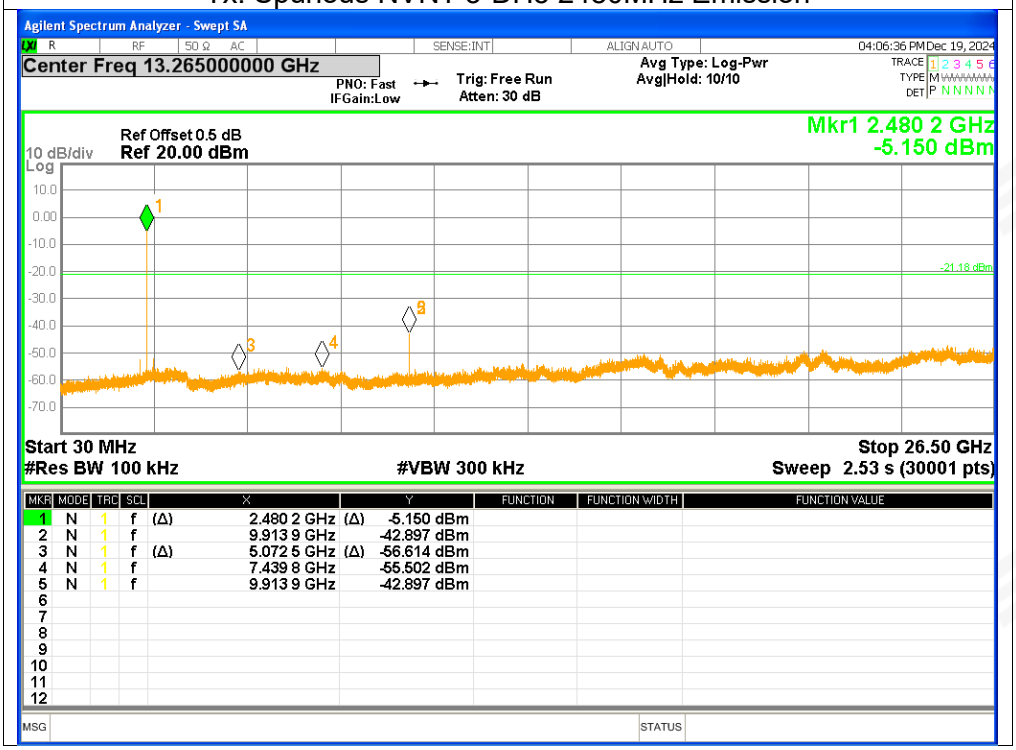
Tx. Spurious NVNT 3-DH5 2441MHz Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ref



Tx. Spurious NVNT 3-DH5 2480MHz Emission



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ) 2.480 2 GHz	(Δ) -5.150 dBm			
2	N	1	f	9.913 9 GHz	-42.897 dBm			
3	N	1	f	(Δ) 5.072 5 GHz	(Δ) -56.614 dBm			
4	N	1	f	7.439 8 GHz	-55.502 dBm			
5	N	1	f	9.913 9 GHz	-42.897 dBm			
6								
7								
8								
9								
10								
11								
12								

APPENDIX 2-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※