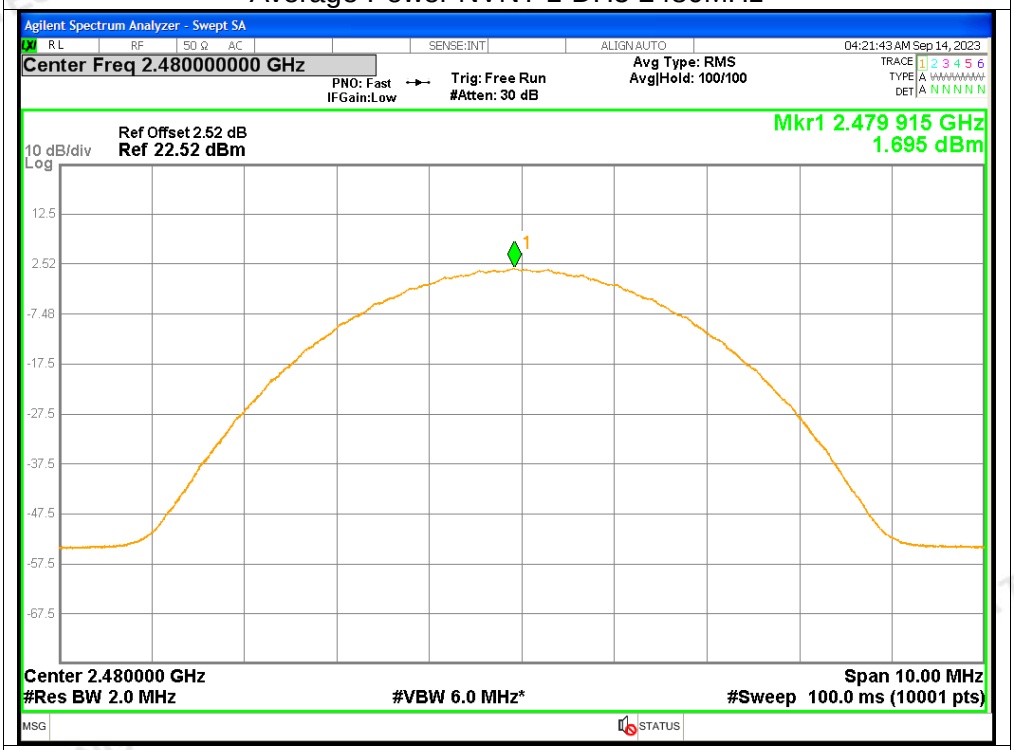
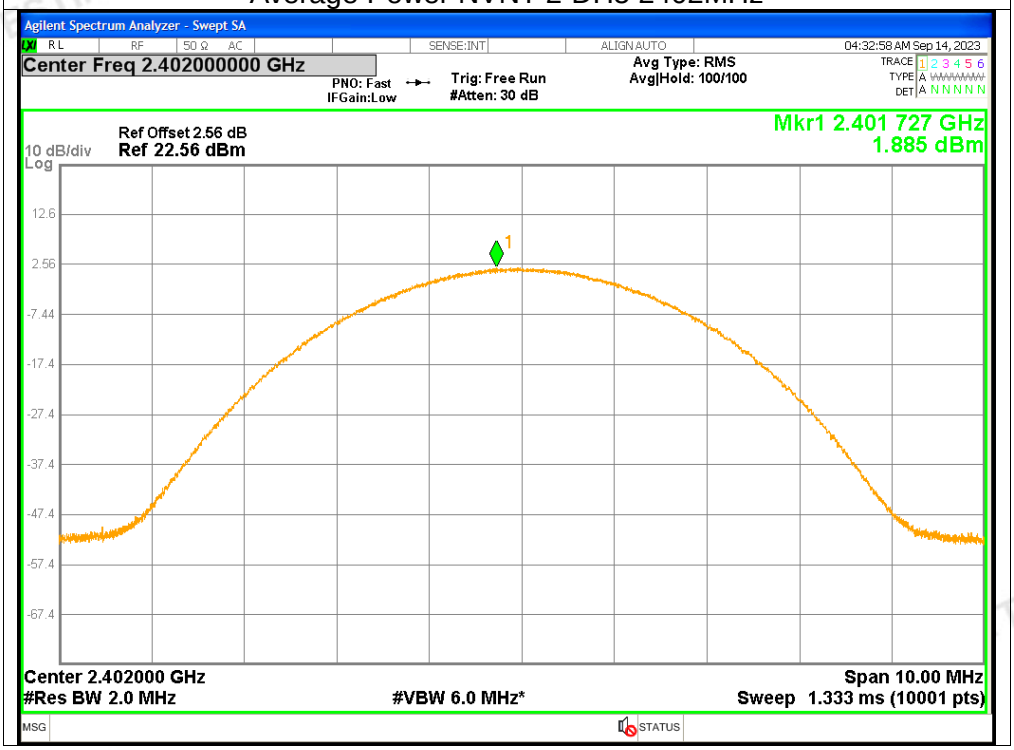
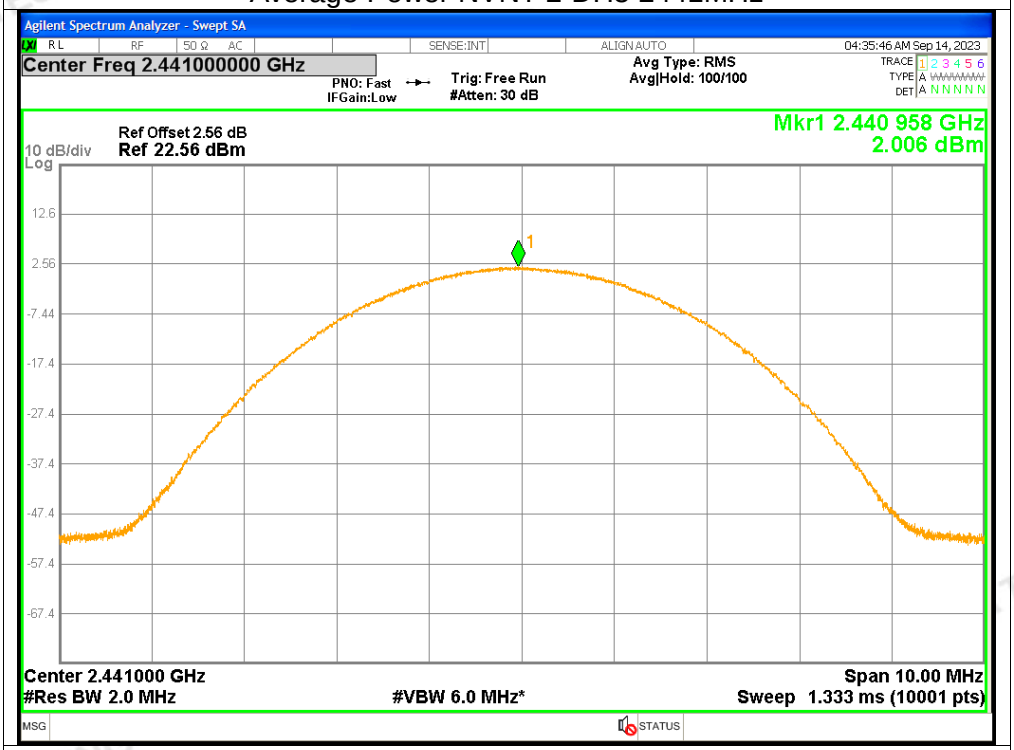
Average Power NVNT 1-DH5 2480MHz



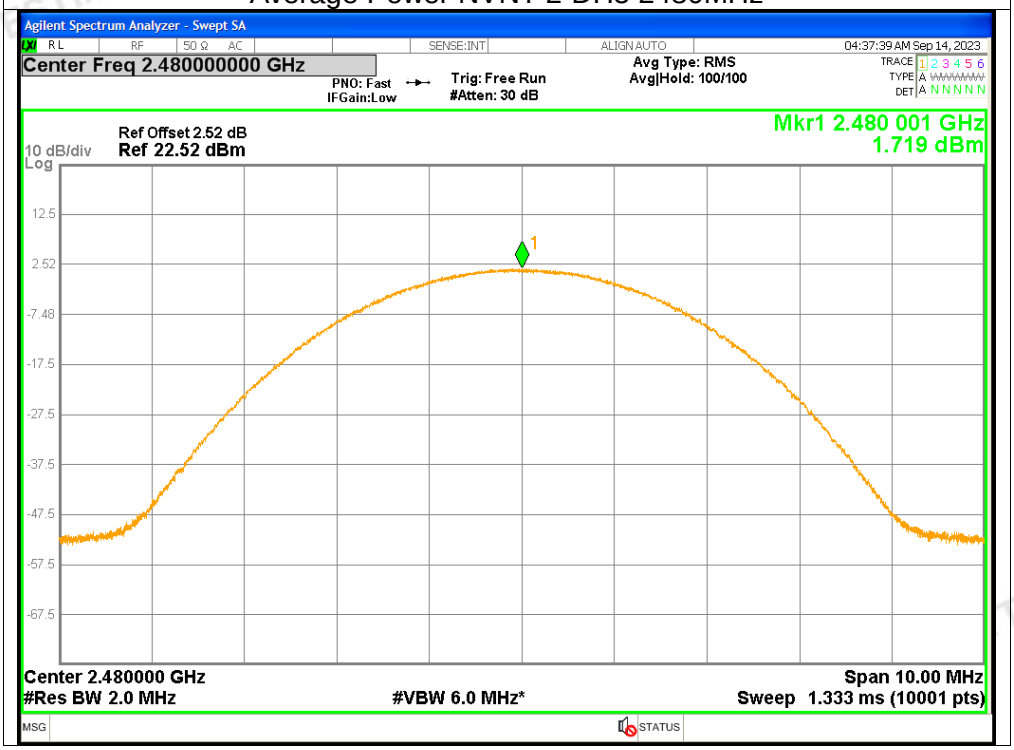
Average Power NVNT 2-DH5 2402MHz



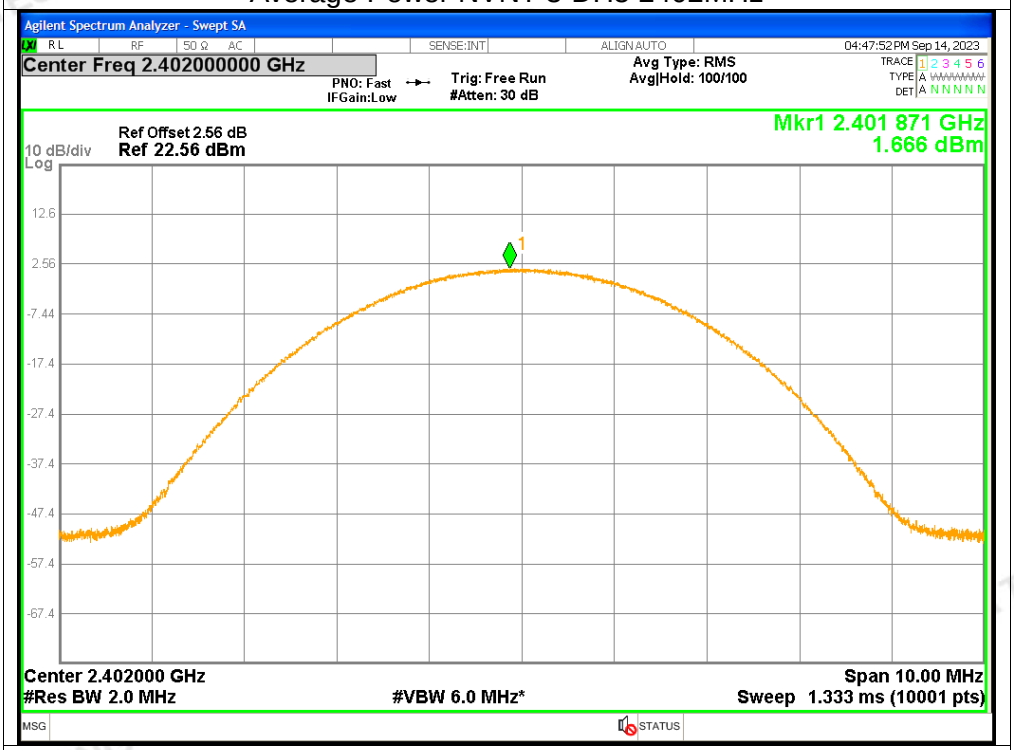
Average Power NVNT 2-DH5 2441MHz



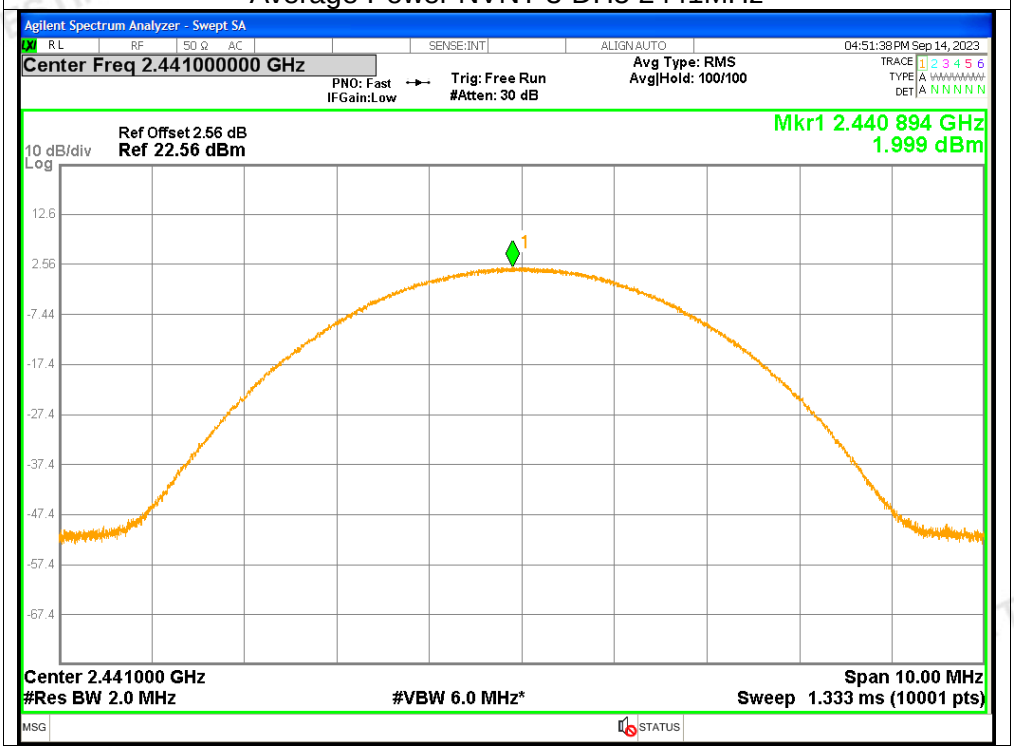
Average Power NVNT 2-DH5 2480MHz



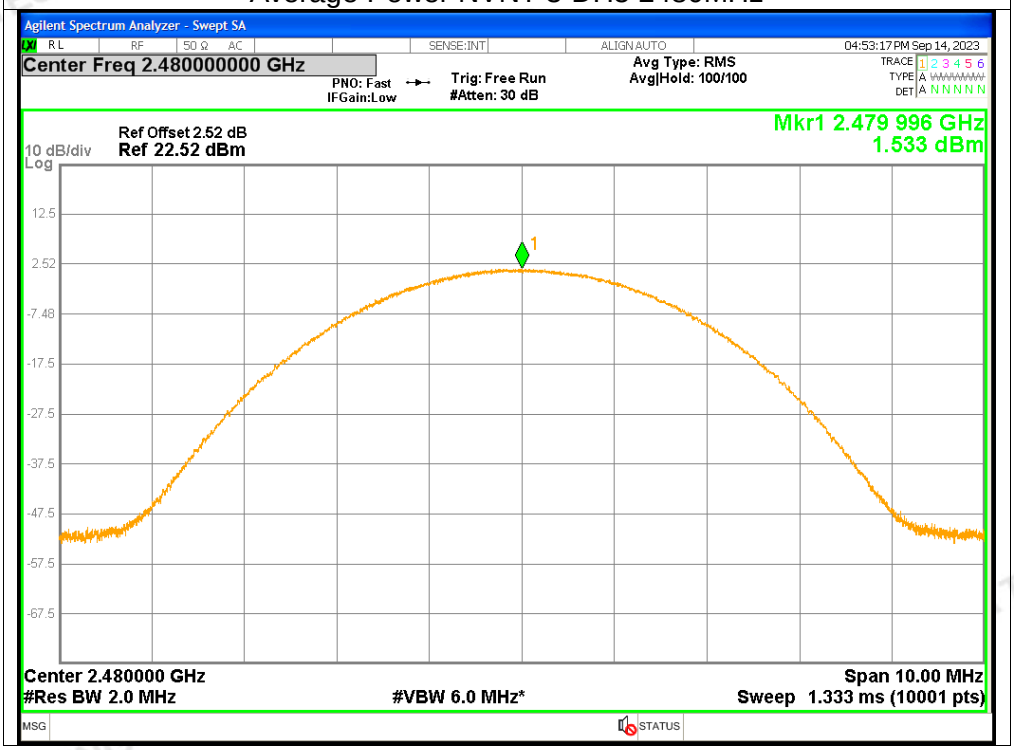
Average Power NVNT 3-DH5 2402MHz



Average Power NVNT 3-DH5 2441MHz



Average Power NVNT 3-DH5 2480MHz

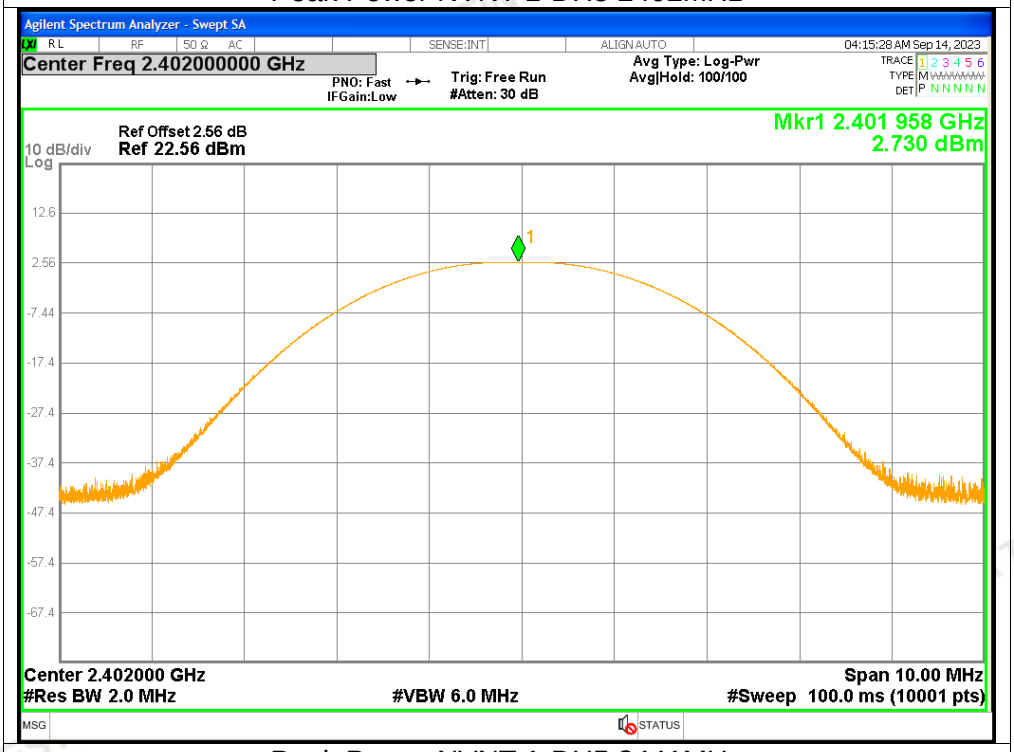


3. Maximum Peak Conducted Output Power

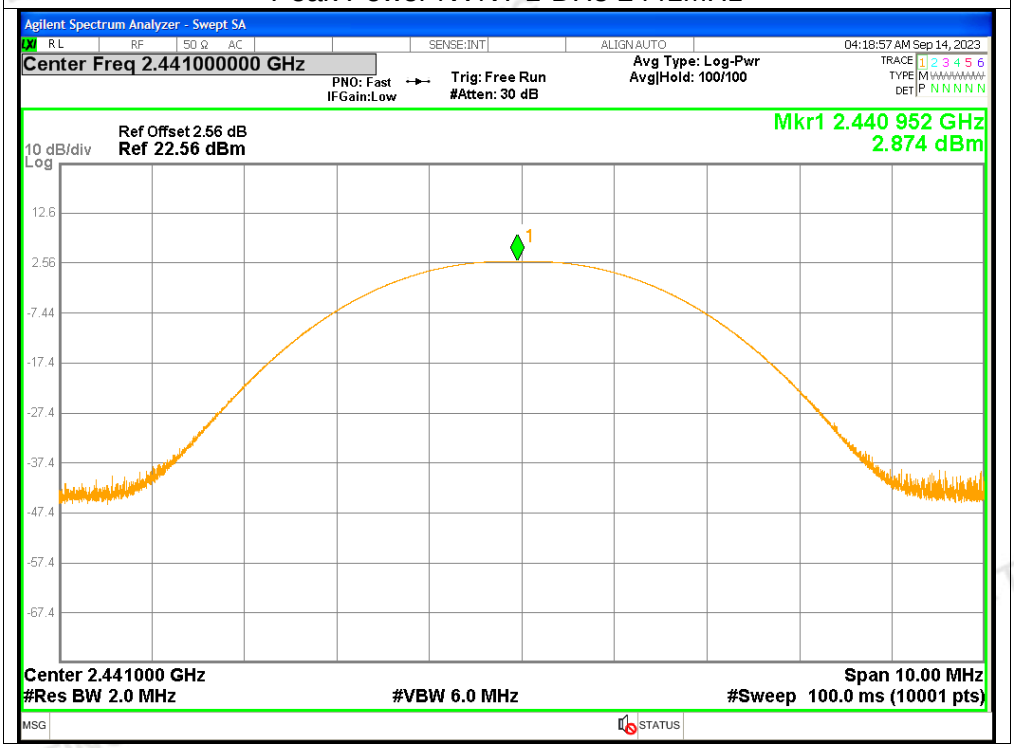
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	2.73	<=21	Pass
NVNT	1-DH5	2441	2.87	<=21	Pass
NVNT	1-DH5	2480	2.56	<=21	Pass
NVNT	2-DH5	2402	4.93	<=21	Pass
NVNT	2-DH5	2441	4.9	<=21	Pass
NVNT	2-DH5	2480	4.58	<=21	Pass
NVNT	3-DH5	2402	4.97	<=21	Pass
NVNT	3-DH5	2441	5.07	<=21	Pass
NVNT	3-DH5	2480	4.76	<=21	Pass

Test Graphs

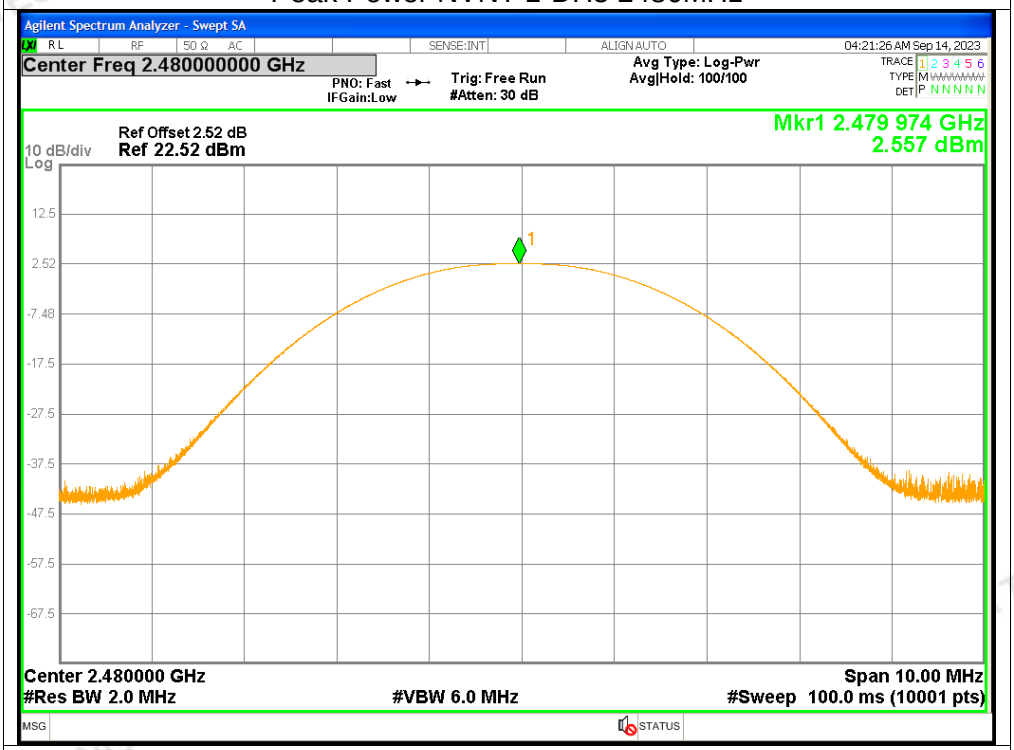
Peak Power NVNT 1-DH5 2402MHz



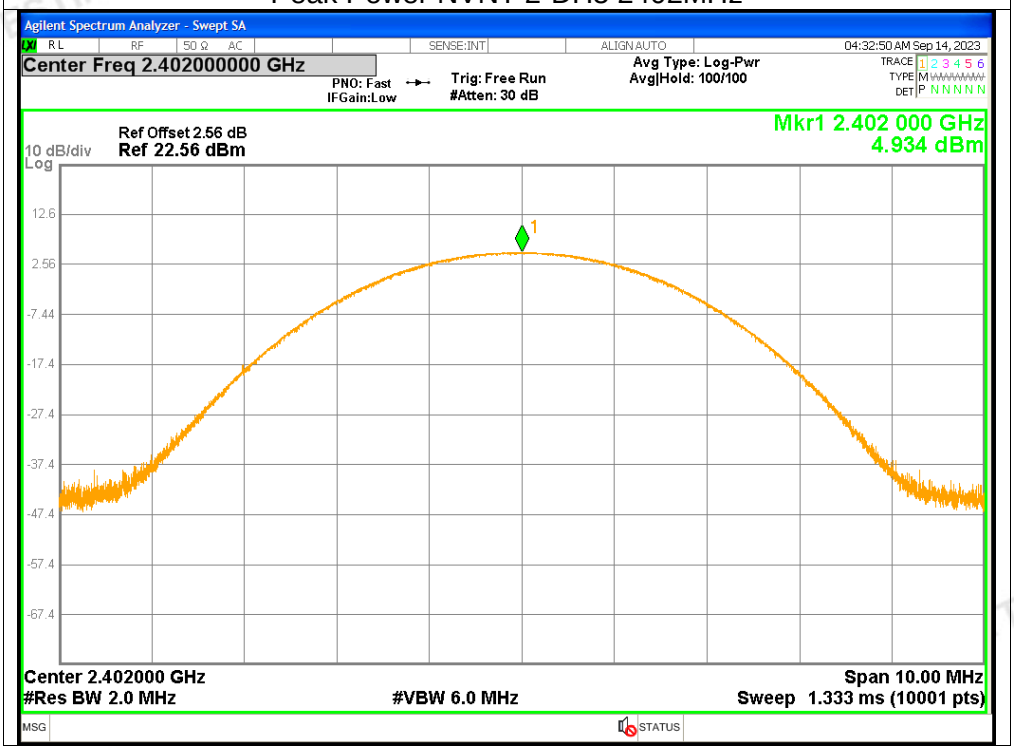
Peak Power NVNT 1-DH5 2441MHz



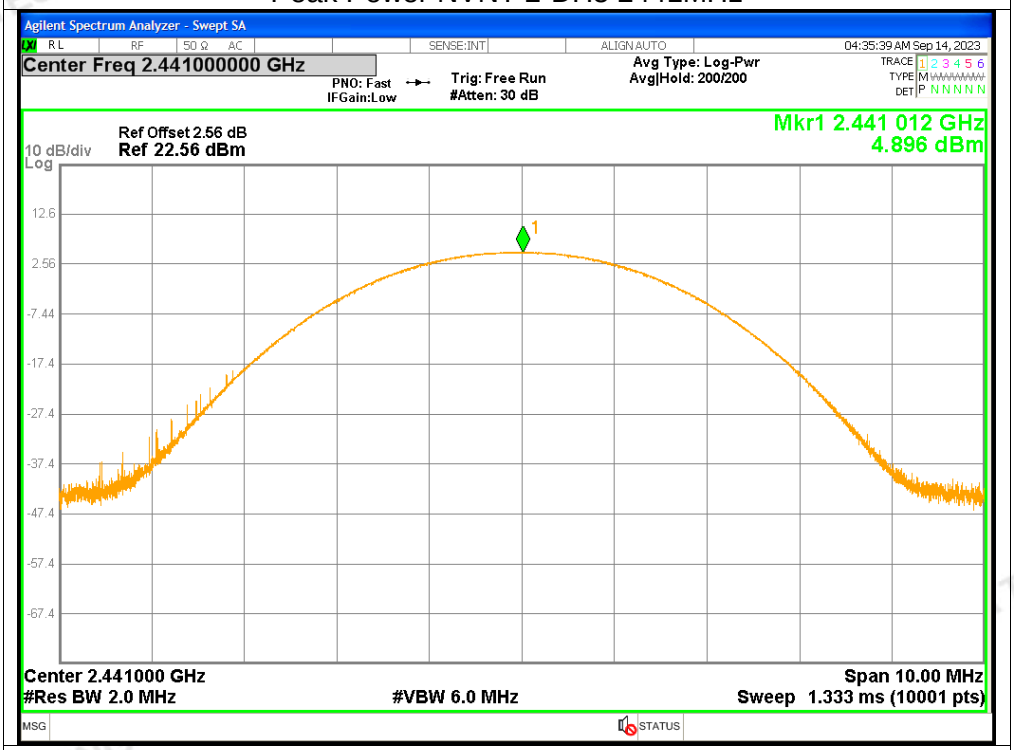
Peak Power NVNT 1-DH5 2480MHz



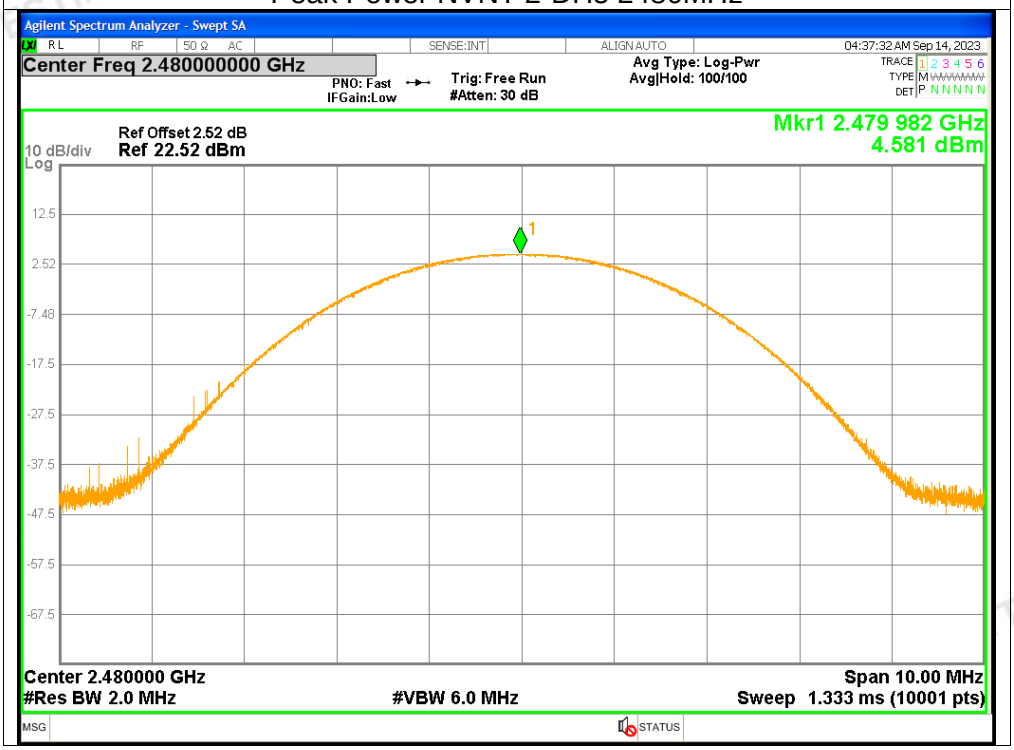
Peak Power NVNT 2-DH5 2402MHz



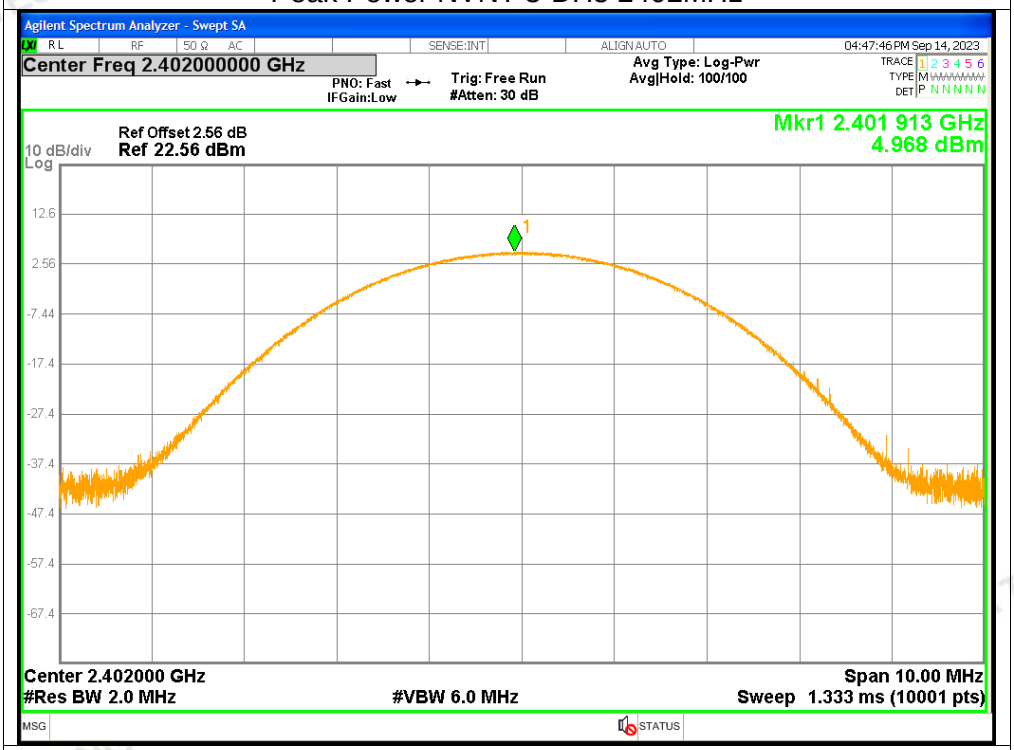
Peak Power NVNT 2-DH5 2441MHz



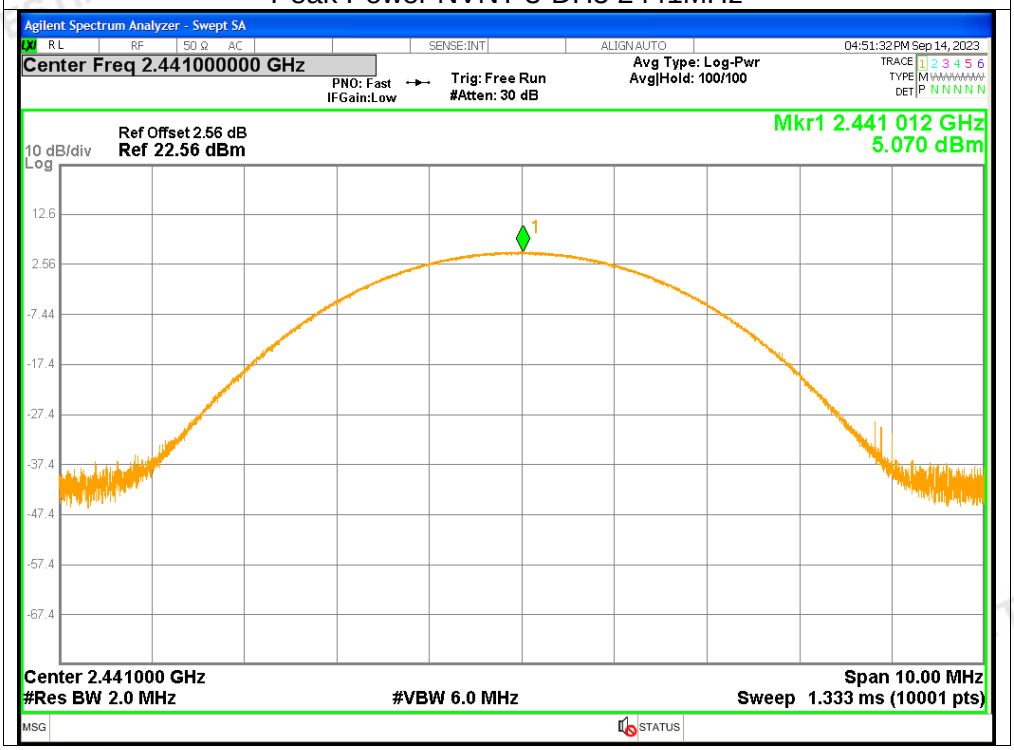
Peak Power NVNT 2-DH5 2480MHz



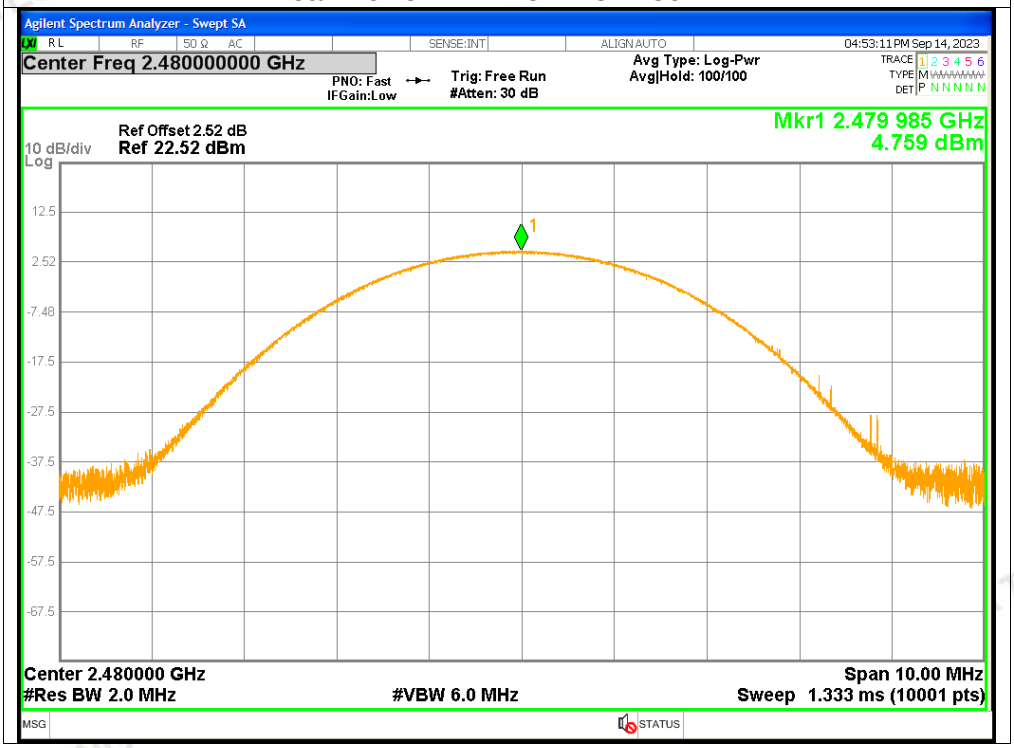
Peak Power NVNT 3-DH5 2402MHz



Peak Power NVNT 3-DH5 2441MHz



Peak Power NVNT 3-DH5 2480MHz

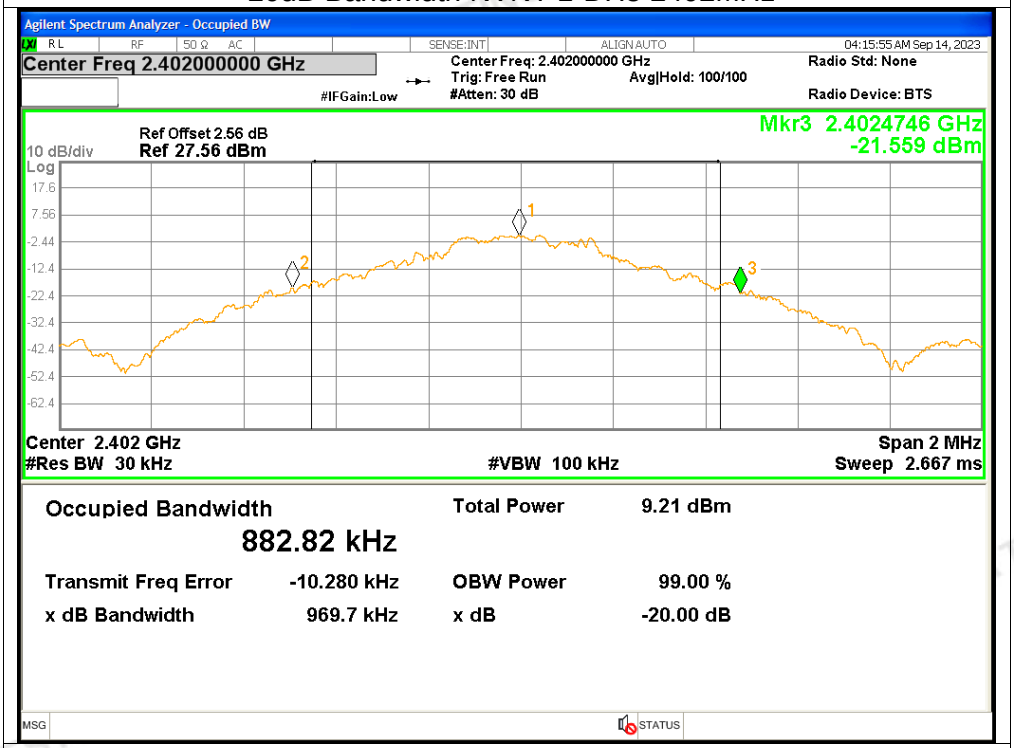


4. -20dB Bandwidth

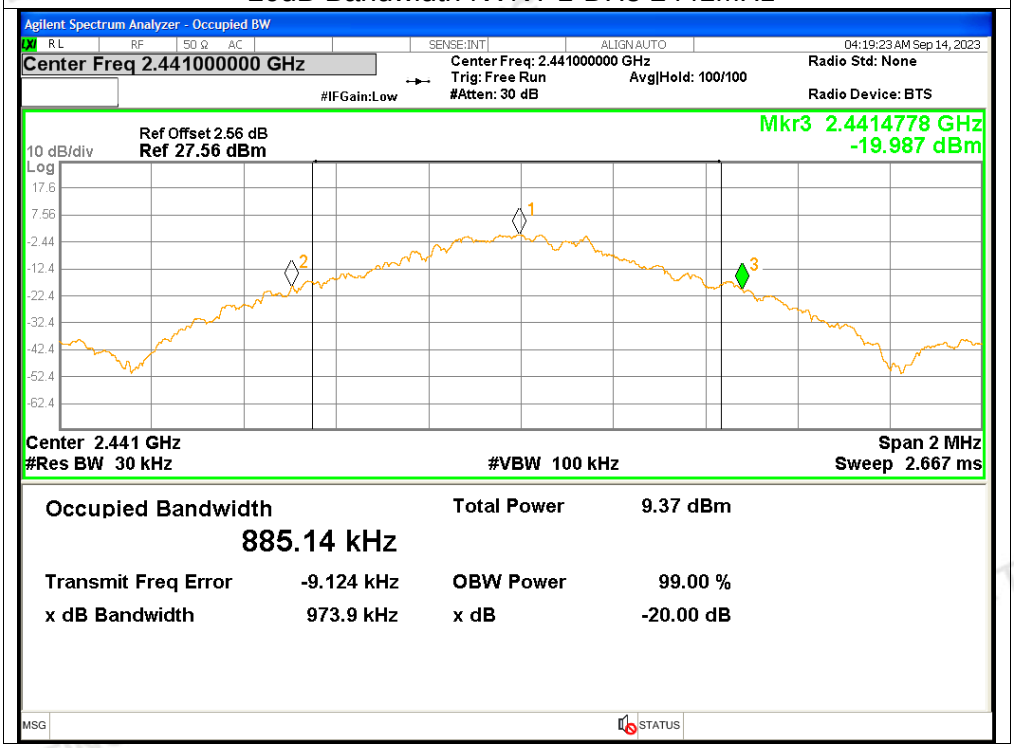
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	0.9697	Pass
NVNT	1-DH5	2441	0.9739	Pass
NVNT	1-DH5	2480	0.9702	Pass
NVNT	2-DH5	2402	1.5162	Pass
NVNT	2-DH5	2441	1.5157	Pass
NVNT	2-DH5	2480	1.516	Pass
NVNT	3-DH5	2402	1.4863	Pass
NVNT	3-DH5	2441	1.4835	Pass
NVNT	3-DH5	2480	1.4898	Pass

Test Graphs

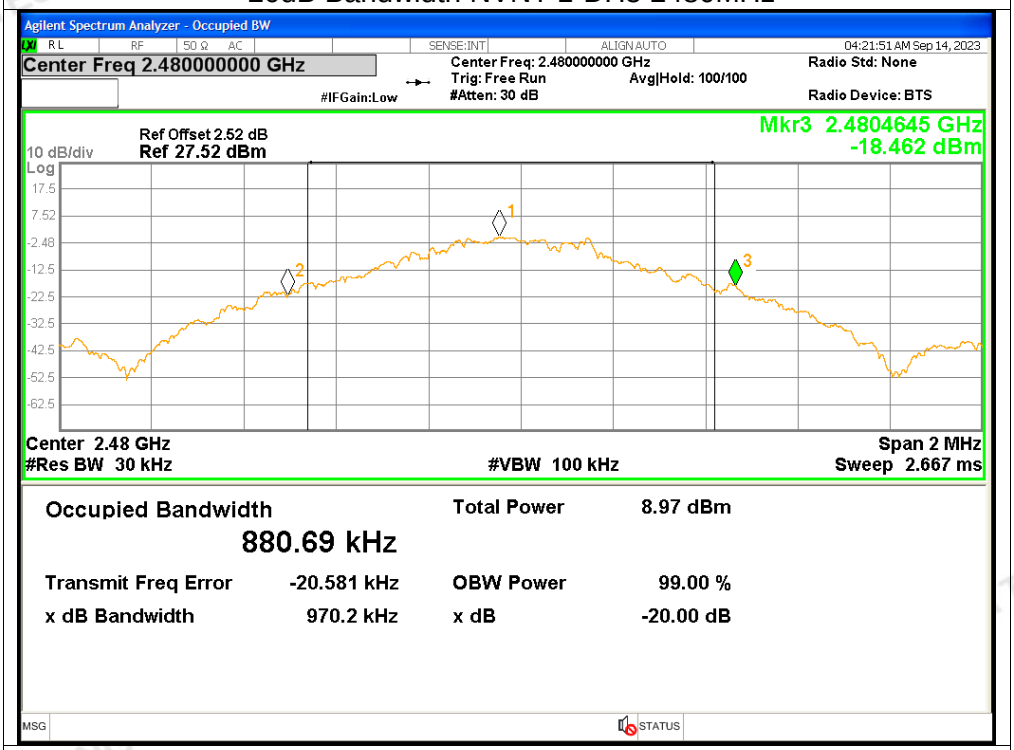
-20dB Bandwidth NVNT 1-DH5 2402MHz



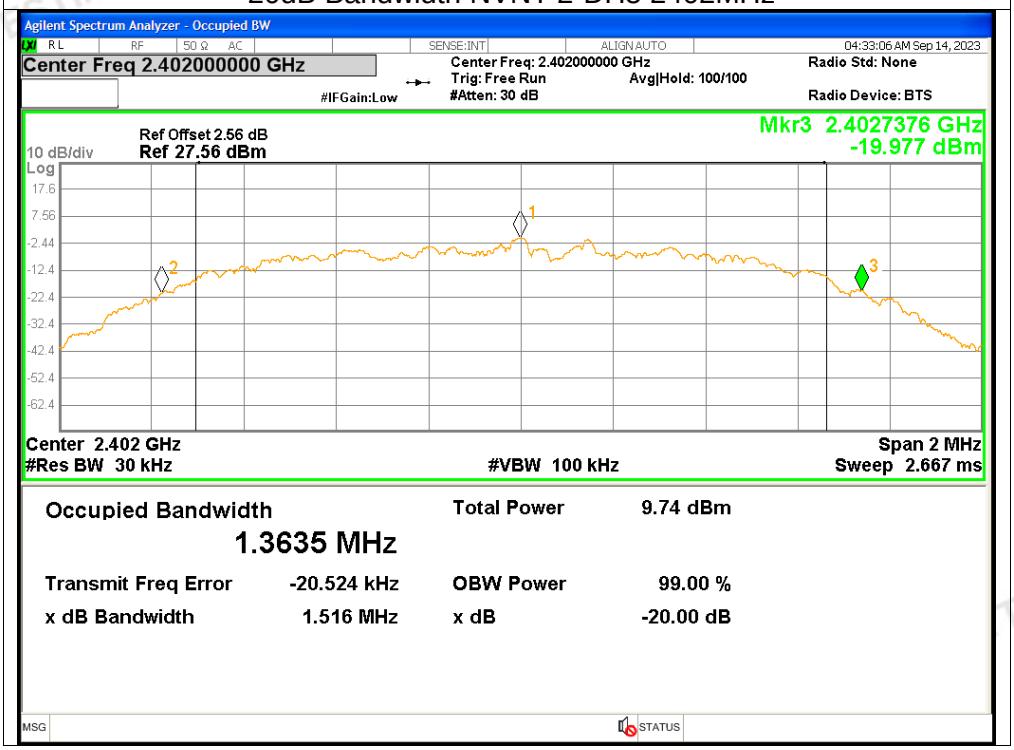
-20dB Bandwidth NVNT 1-DH5 2441MHz



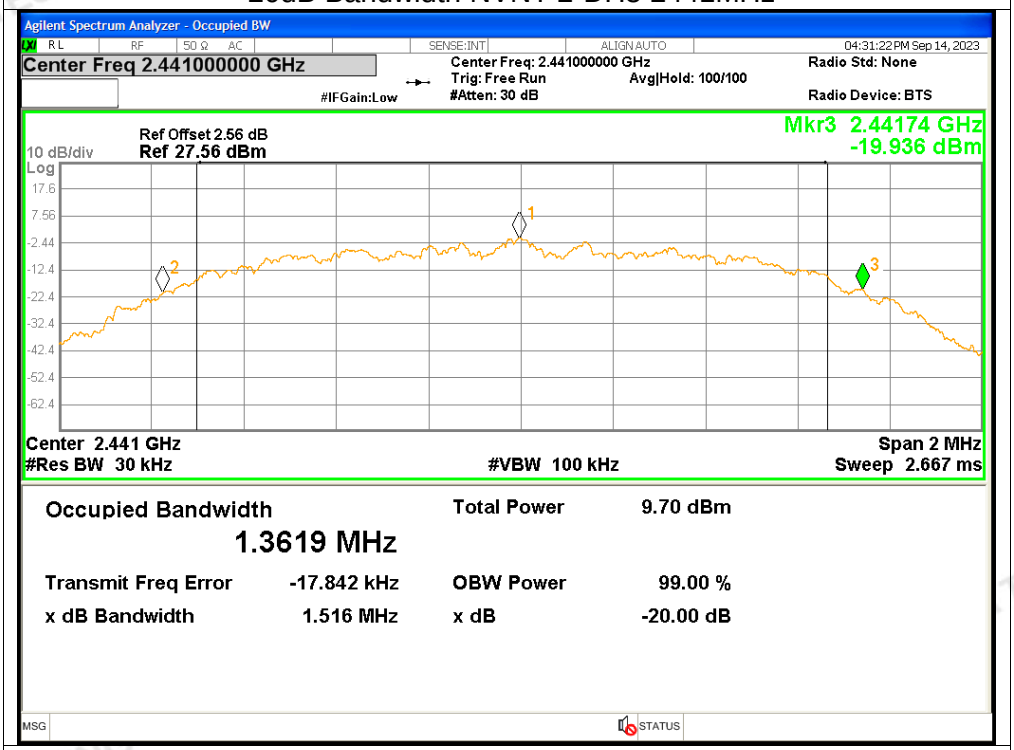
-20dB Bandwidth NVNT 1-DH5 2480MHz



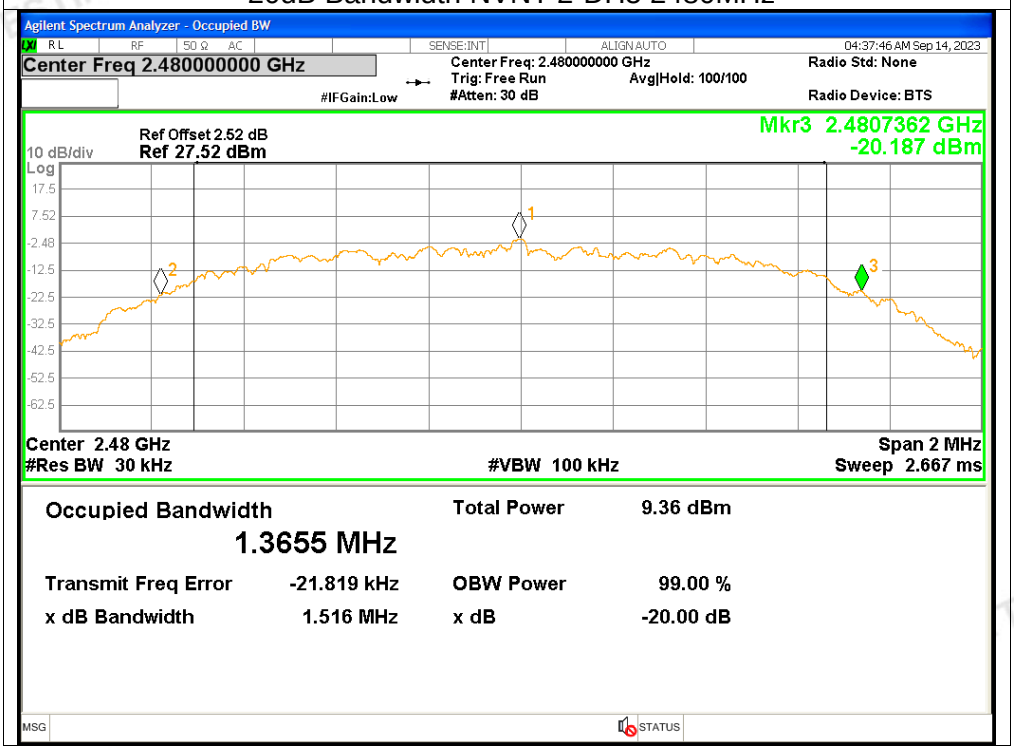
-20dB Bandwidth NVNT 2-DH5 2402MHz



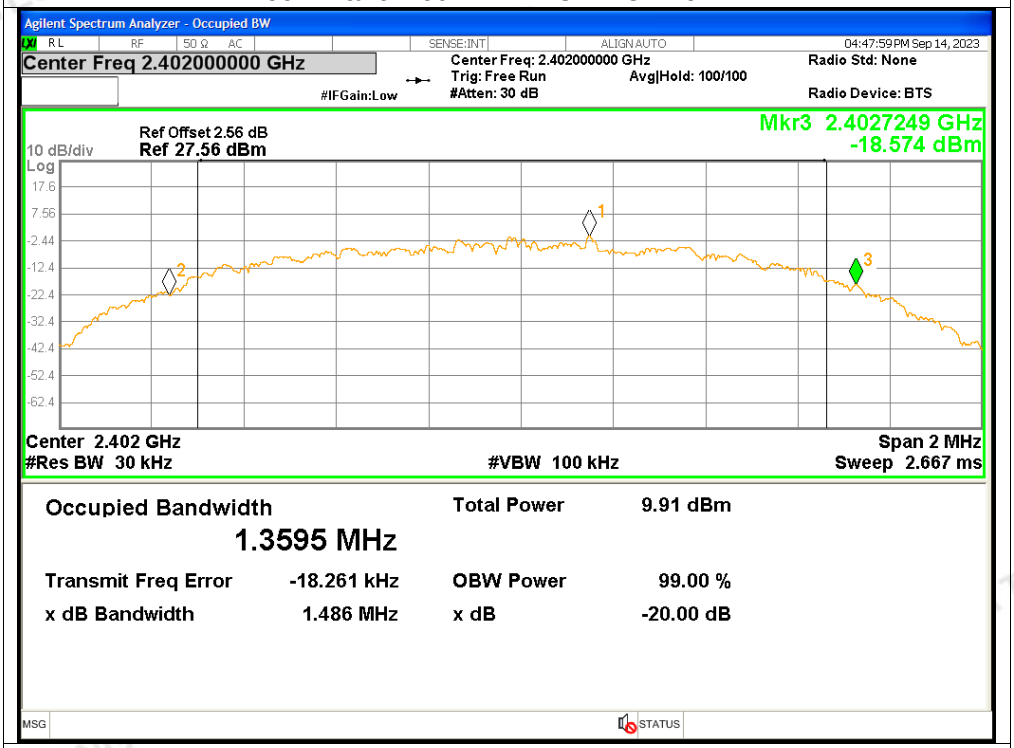
-20dB Bandwidth NVNT 2-DH5 2441MHz



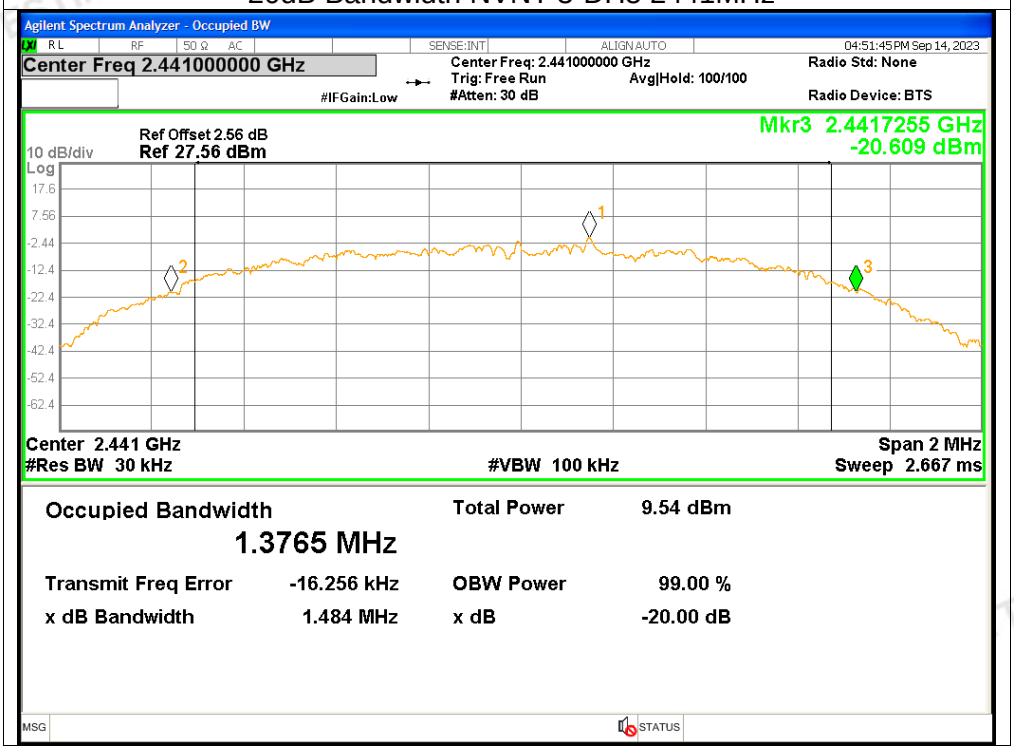
-20dB Bandwidth NVNT 2-DH5 2480MHz



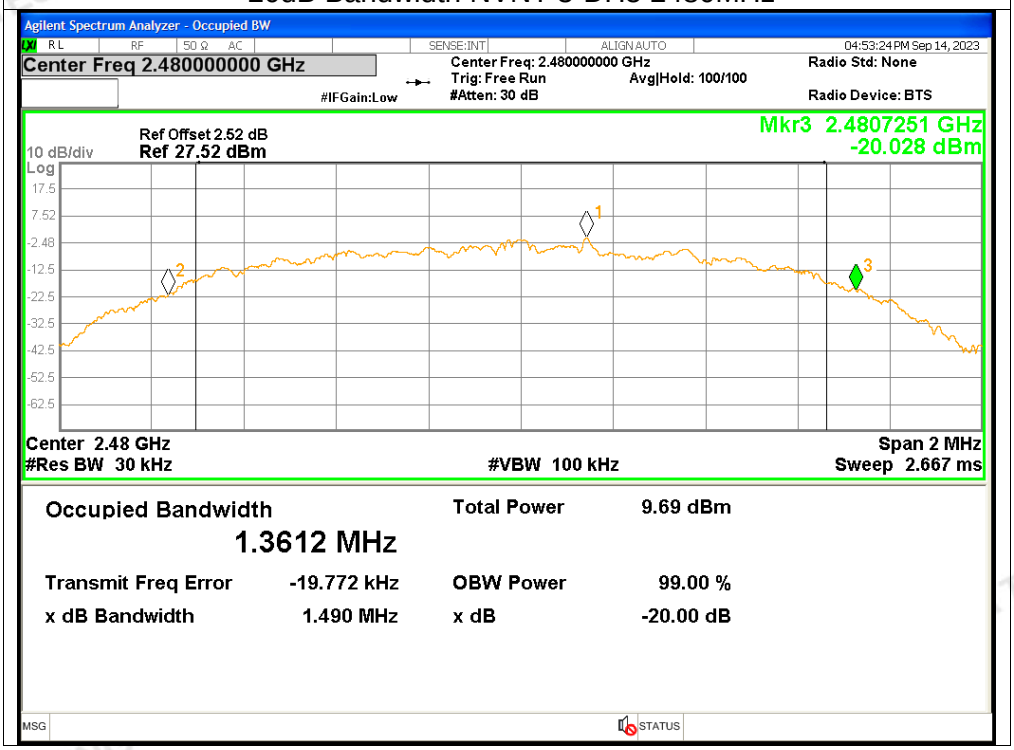
-20dB Bandwidth NVNT 3-DH5 2402MHz



-20dB Bandwidth NVNT 3-DH5 2441MHz



-20dB Bandwidth NVNT 3-DH5 2480MHz

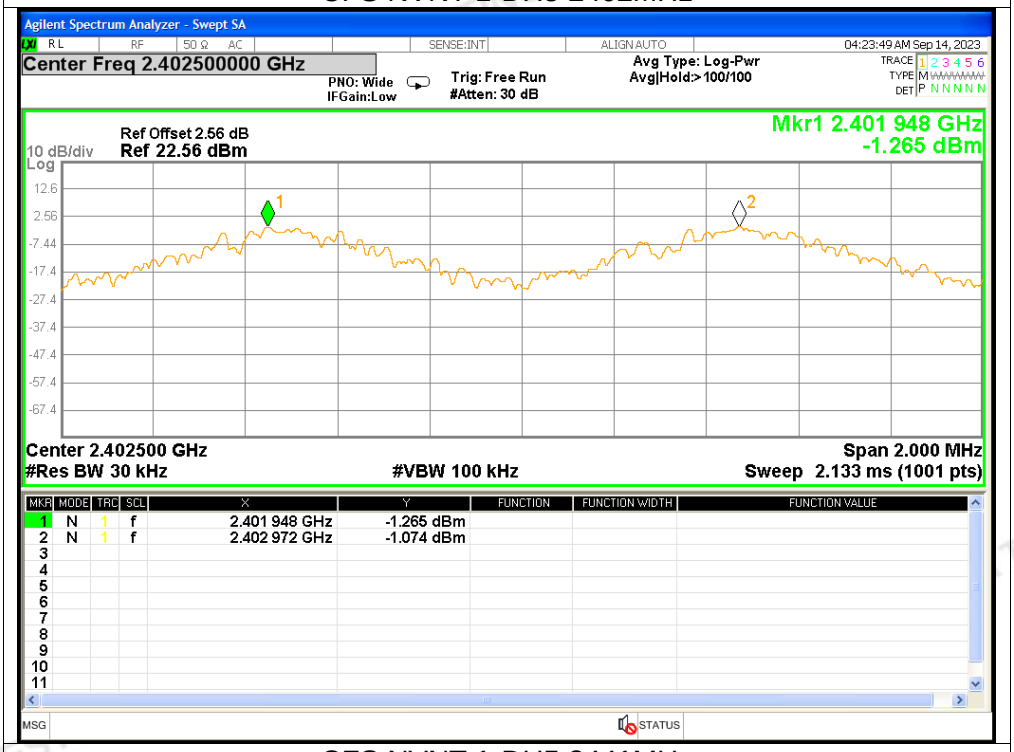


5. Carrier Frequencies Separation

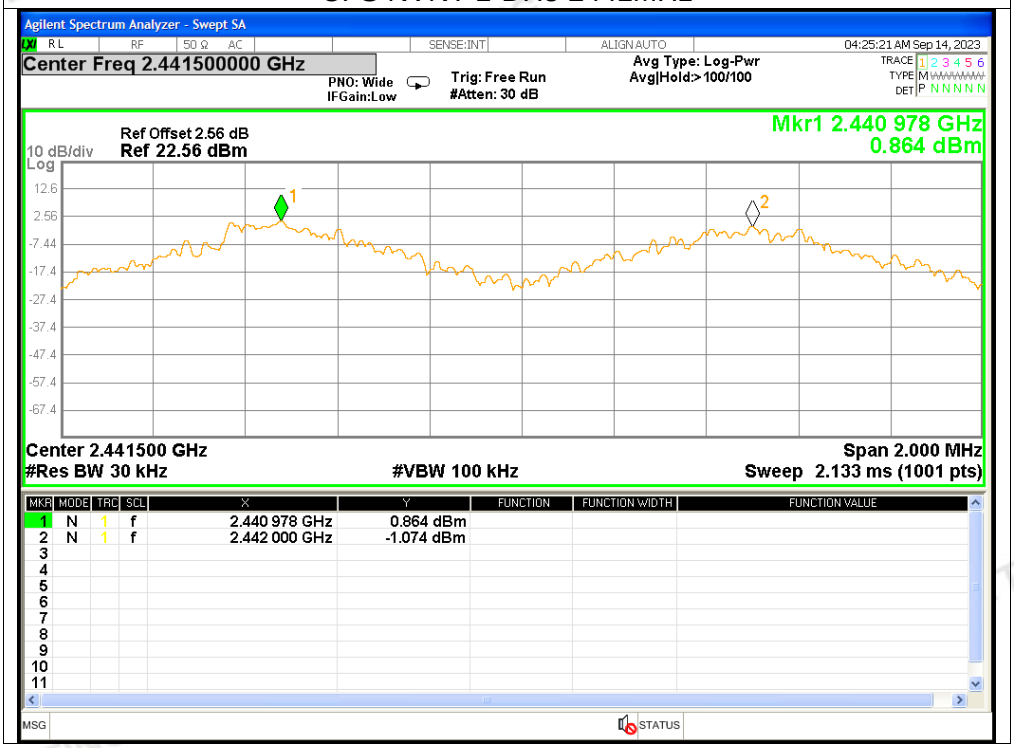
Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2401.948	2402.972	1.024	>=0.646	Pass
NVNT	1-DH5	2440.978	2442	1.022	>=0.649	Pass
NVNT	1-DH5	2479.044	2479.954	0.91	>=0.647	Pass
NVNT	2-DH5	2401.98	2403.148	1.168	>=1.011	Pass
NVNT	2-DH5	2440.972	2441.996	1.024	>=1.01	Pass
NVNT	2-DH5	2478.856	2479.964	1.108	>=1.011	Pass
NVNT	3-DH5	2401.99	2402.994	1.004	>=0.991	Pass
NVNT	3-DH5	2440.974	2442.112	1.138	>=0.989	Pass
NVNT	3-DH5	2478.996	2479.992	0.996	>=0.993	Pass

Test Graphs

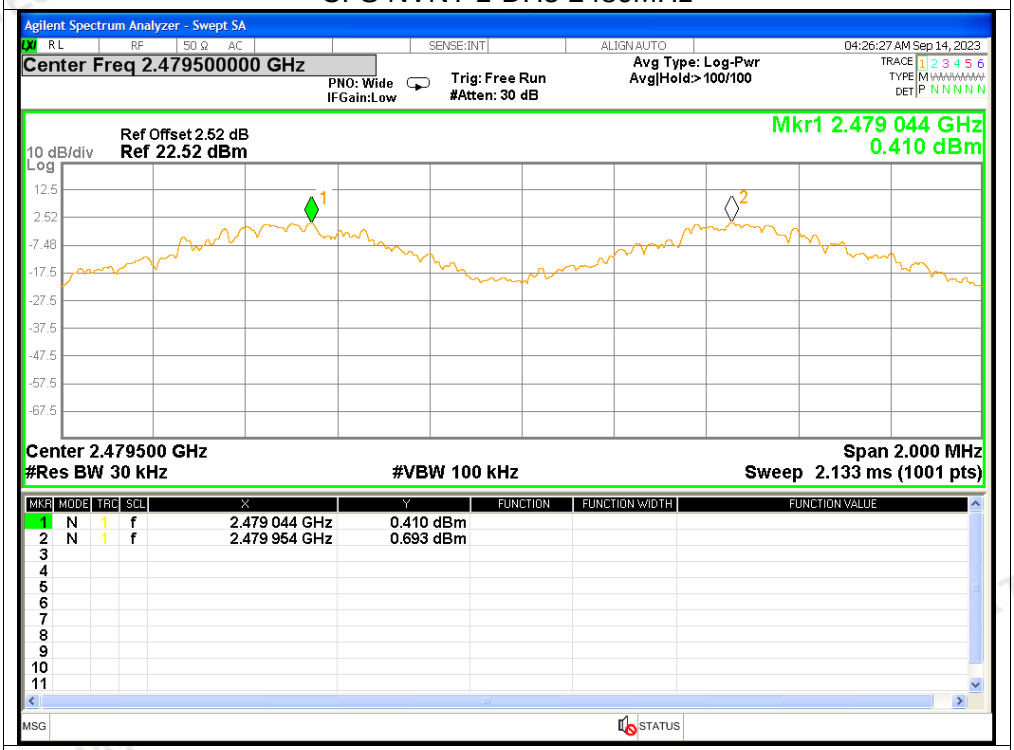
CFS NVNT 1-DH5 2402MHz



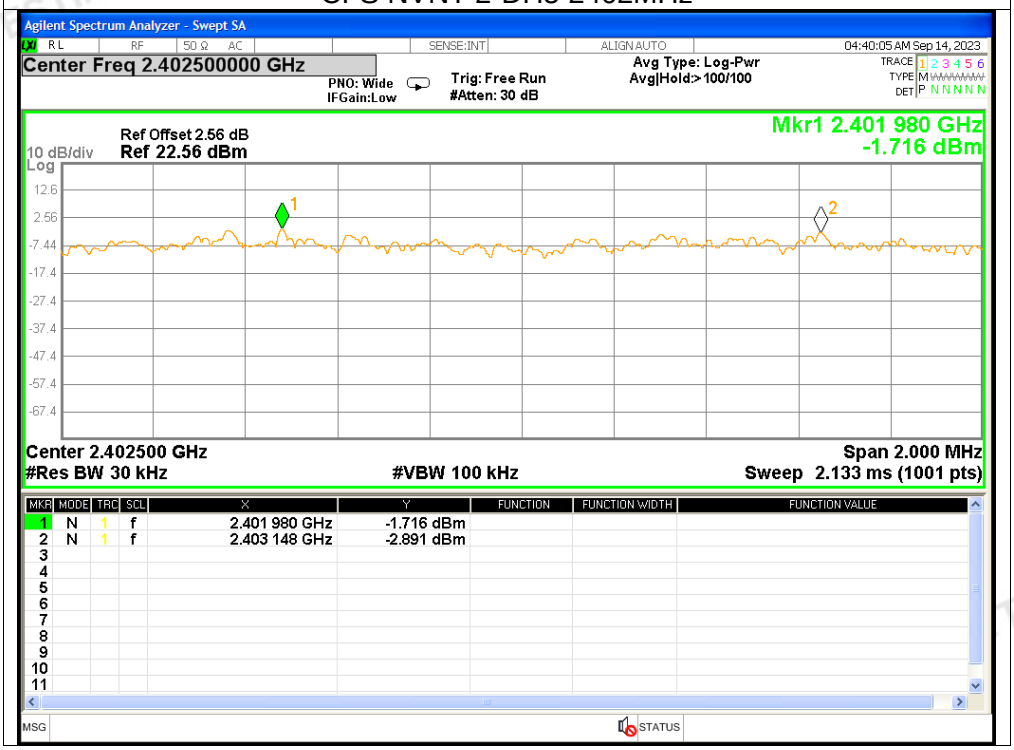
CFS NVNT 1-DH5 2441MHz



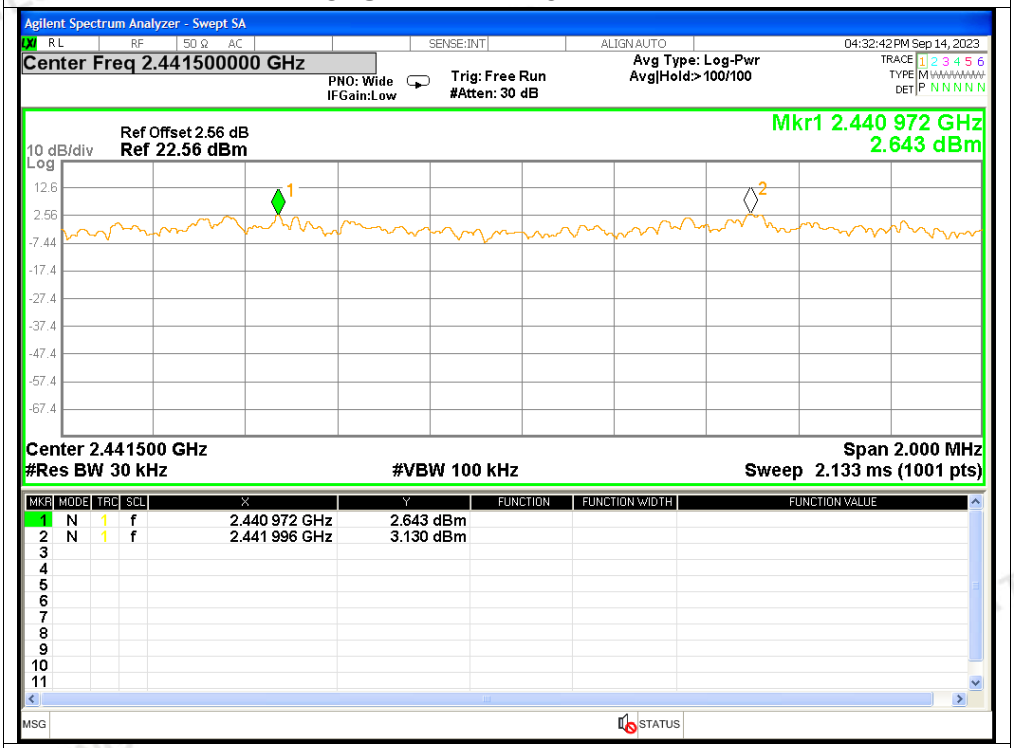
CFS NVNT 1-DH5 2480MHz



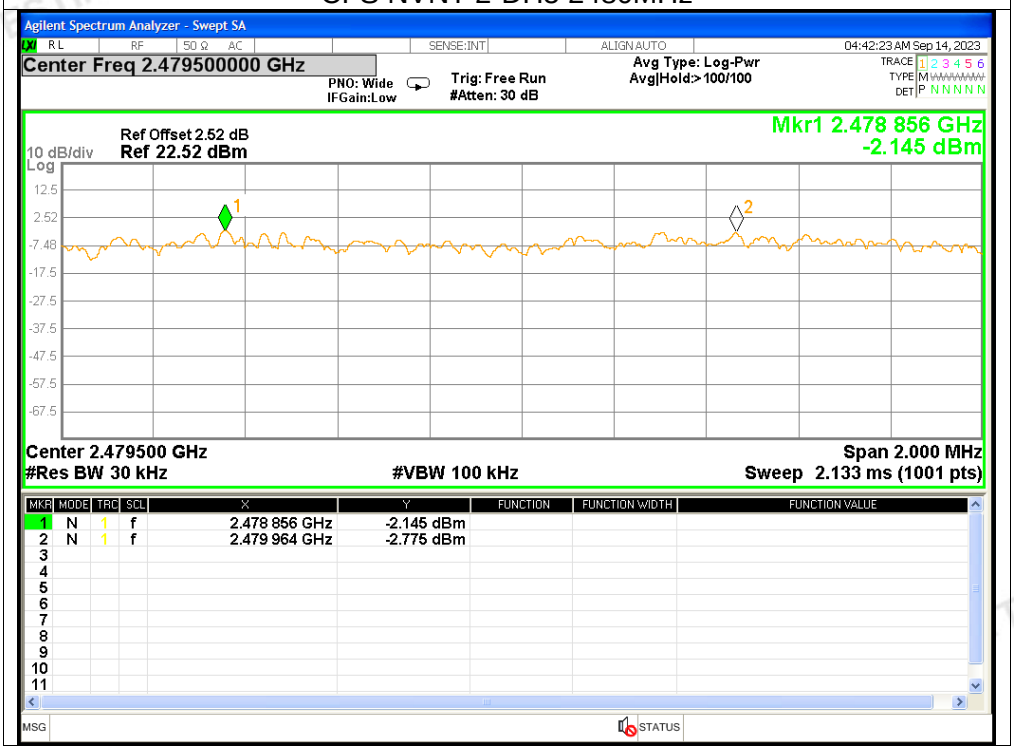
CFS NVNT 2-DH5 2402MHz



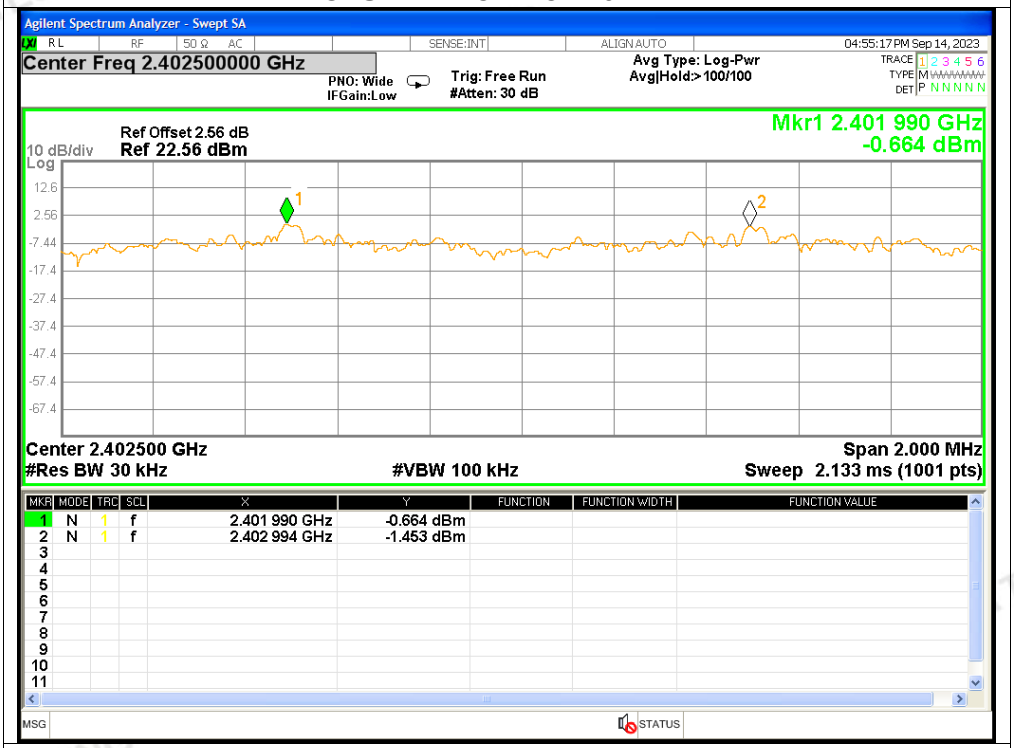
CFS NVNT 2-DH5 2441MHz



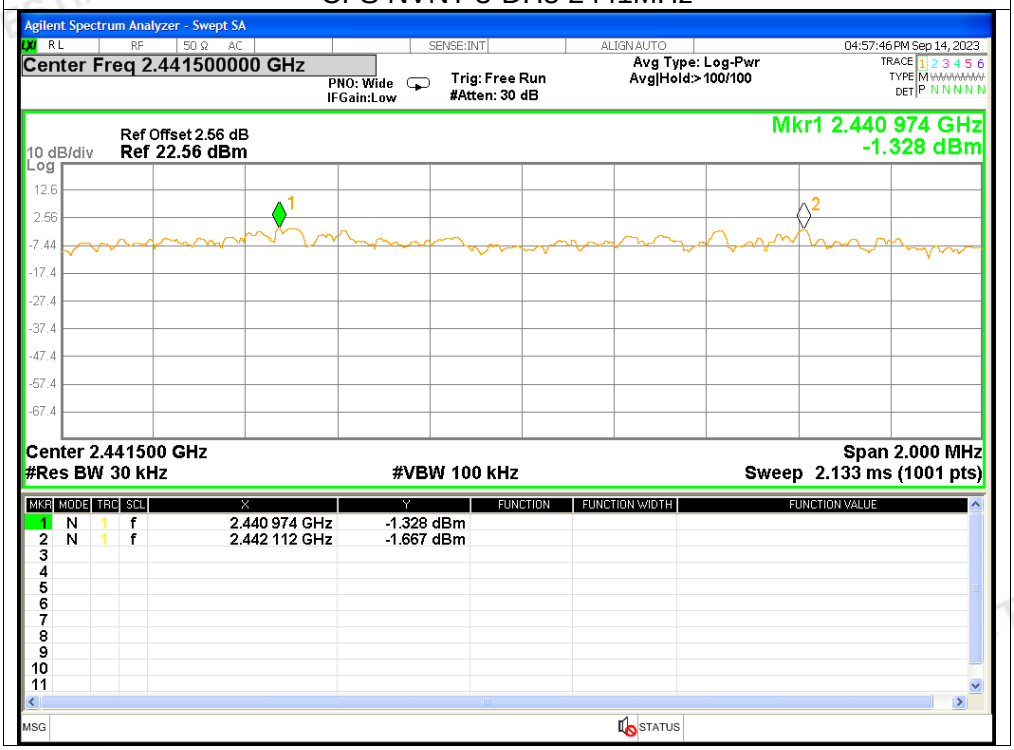
CFS NVNT 2-DH5 2480MHz



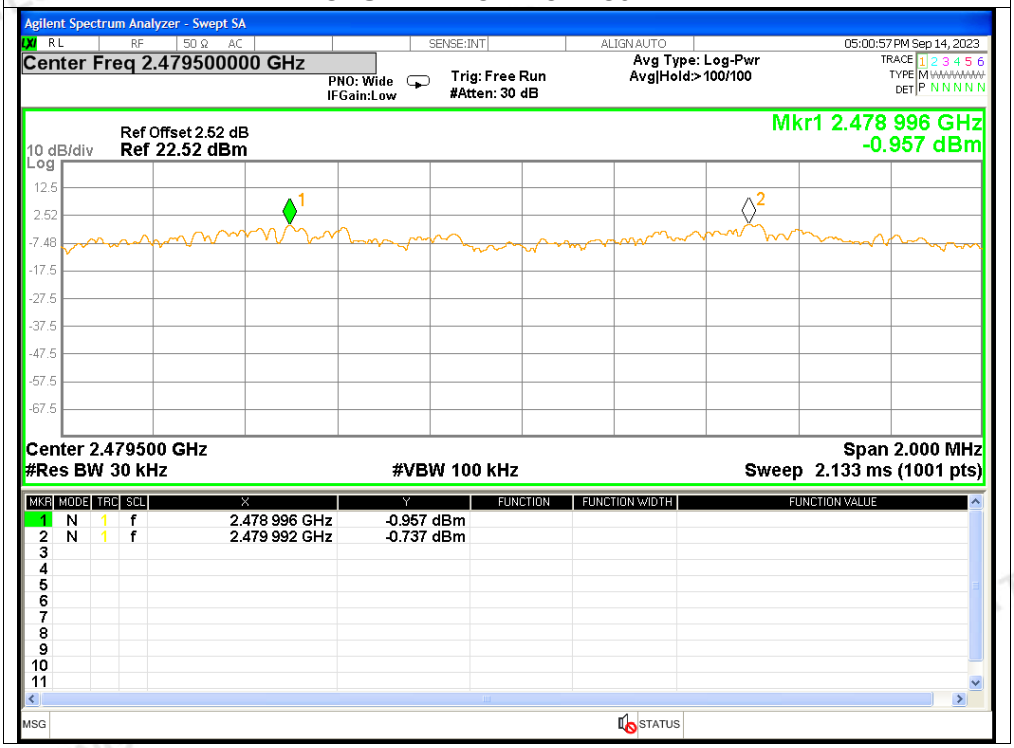
CFS NVNT 3-DH5 2402MHz



CFS NVNT 3-DH5 2441MHz



CFS NVNT 3-DH5 2480MHz

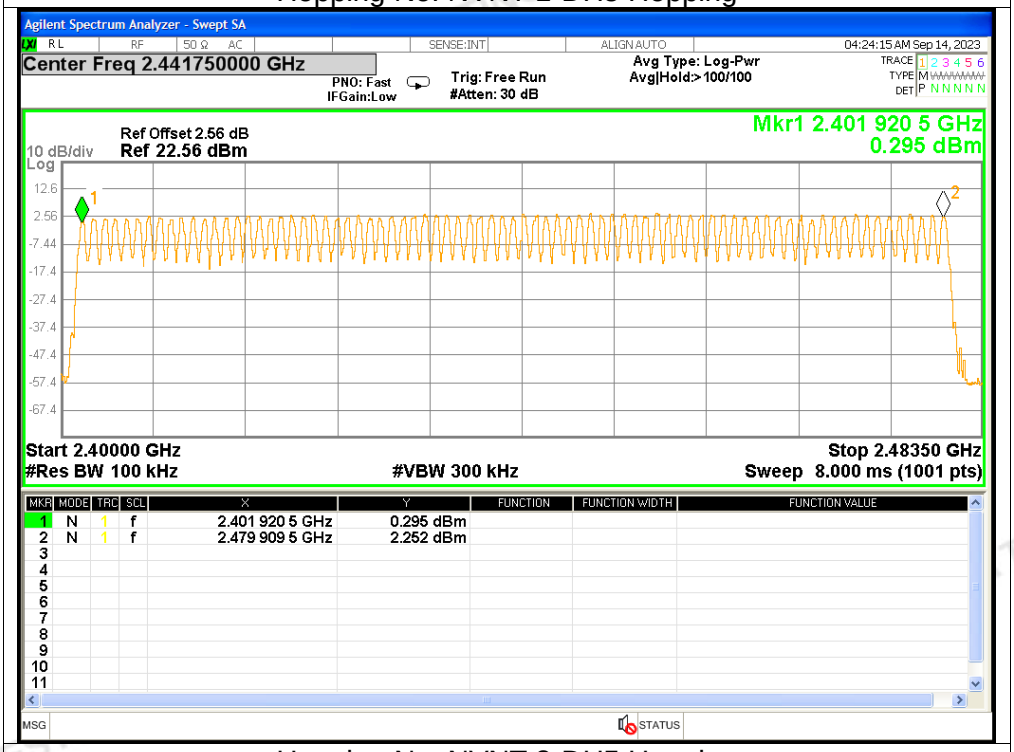


6. Number of Hopping Channel

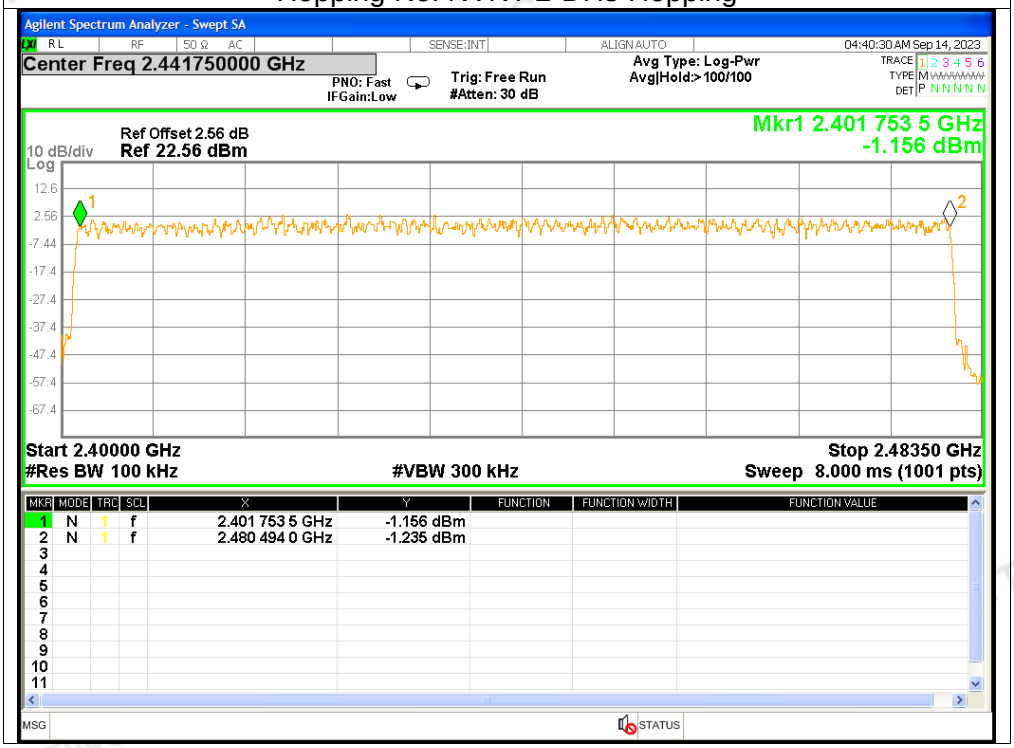
Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH5	79	>=15	Pass
NVNT	2-DH5	79	>=15	Pass
NVNT	3-DH5	79	>=15	Pass

Test Graphs

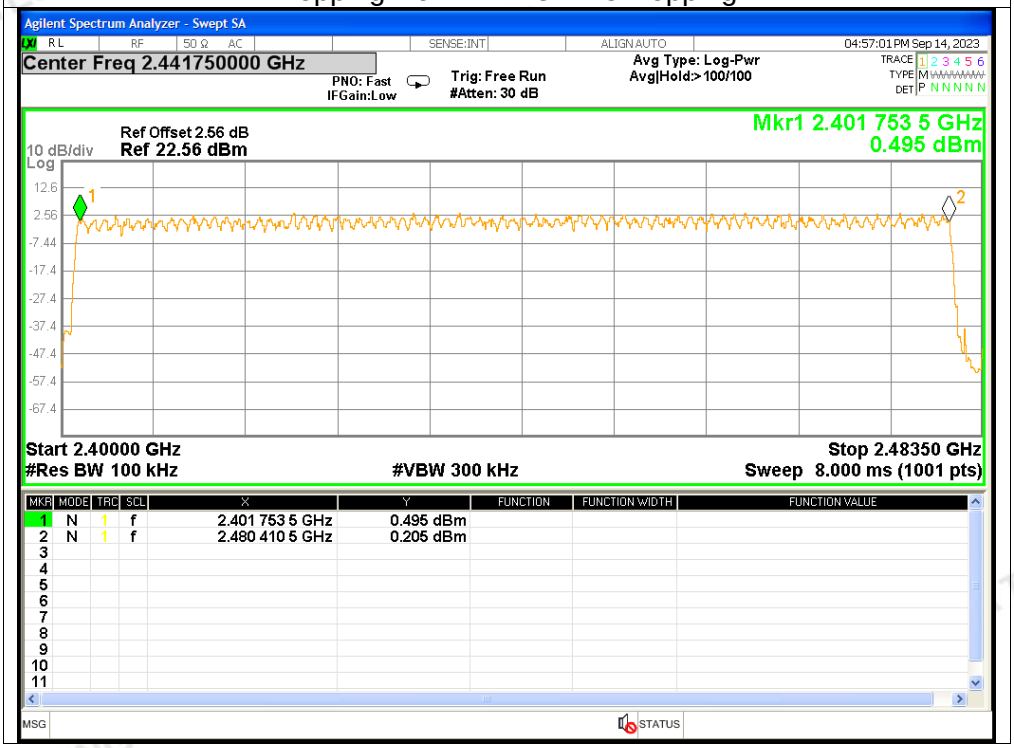
Hopping No. NVNT 1-DH5 Hopping



Hopping No. NVNT 2-DH5 Hopping



Hopping No. NVNT 3-DH5 Hopping

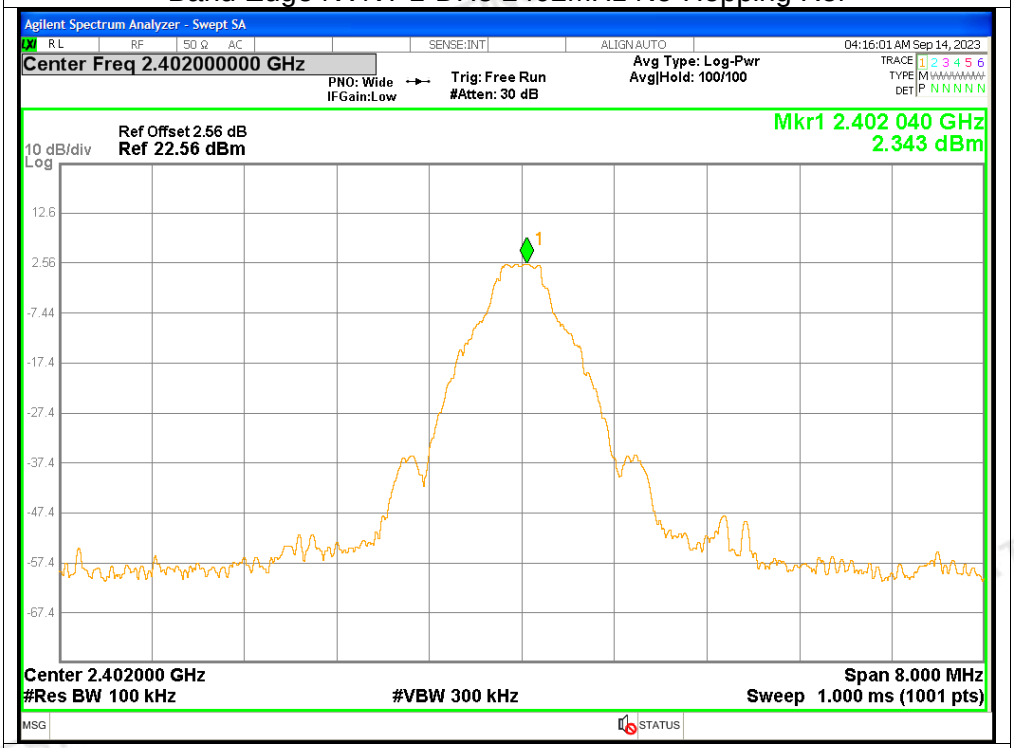


7. Band Edge

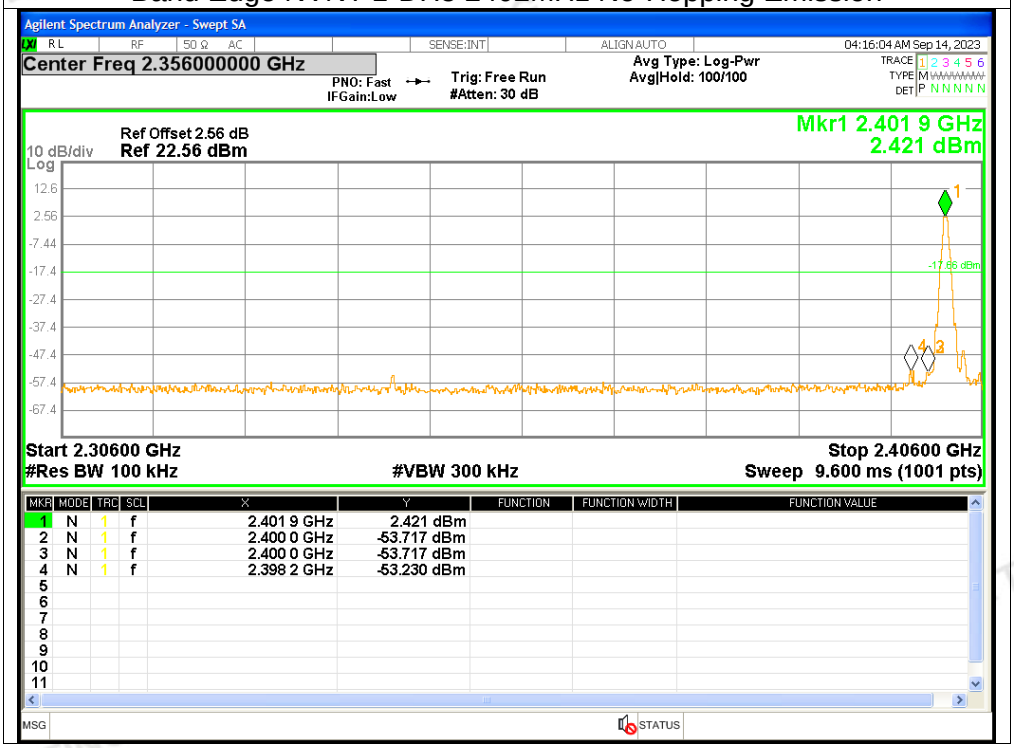
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	No-Hopping	-55.56	<=-20	Pass
NVNT	1-DH5	2480	No-Hopping	-58.54	<=-20	Pass
NVNT	2-DH5	2402	No-Hopping	-48.52	<=-20	Pass
NVNT	2-DH5	2480	No-Hopping	-55.03	<=-20	Pass
NVNT	3-DH5	2402	No-Hopping	-49.85	<=-20	Pass
NVNT	3-DH5	2480	No-Hopping	-54.4	<=-20	Pass

Test Graphs

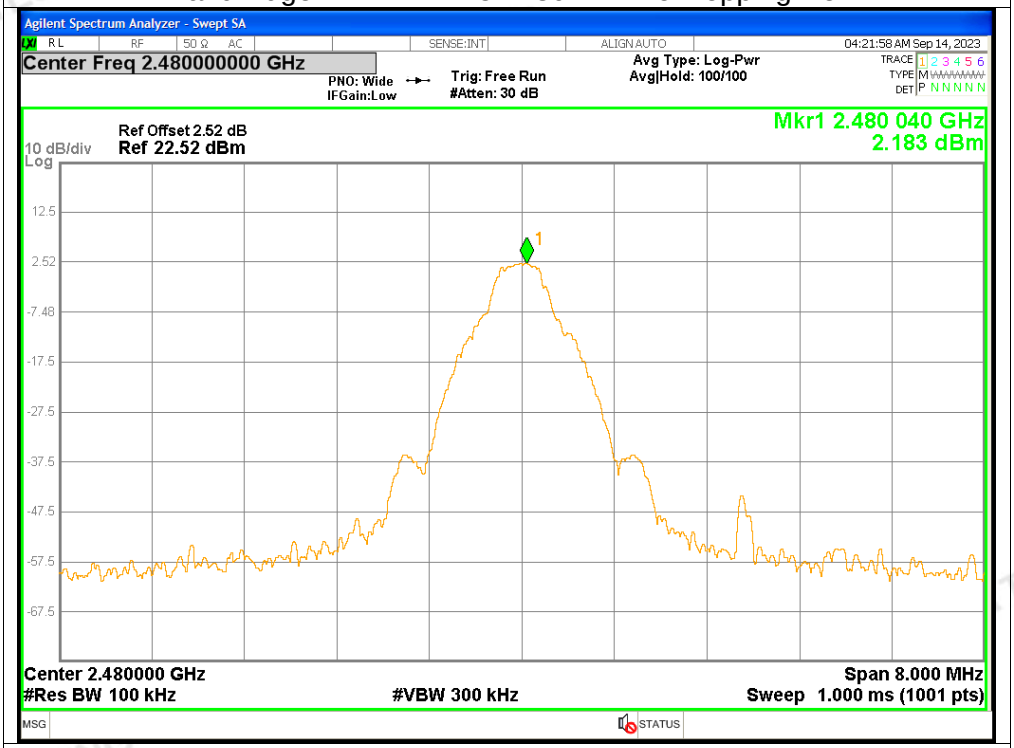
Band Edge NVNT 1-DH5 2402MHz No-Hopping Ref



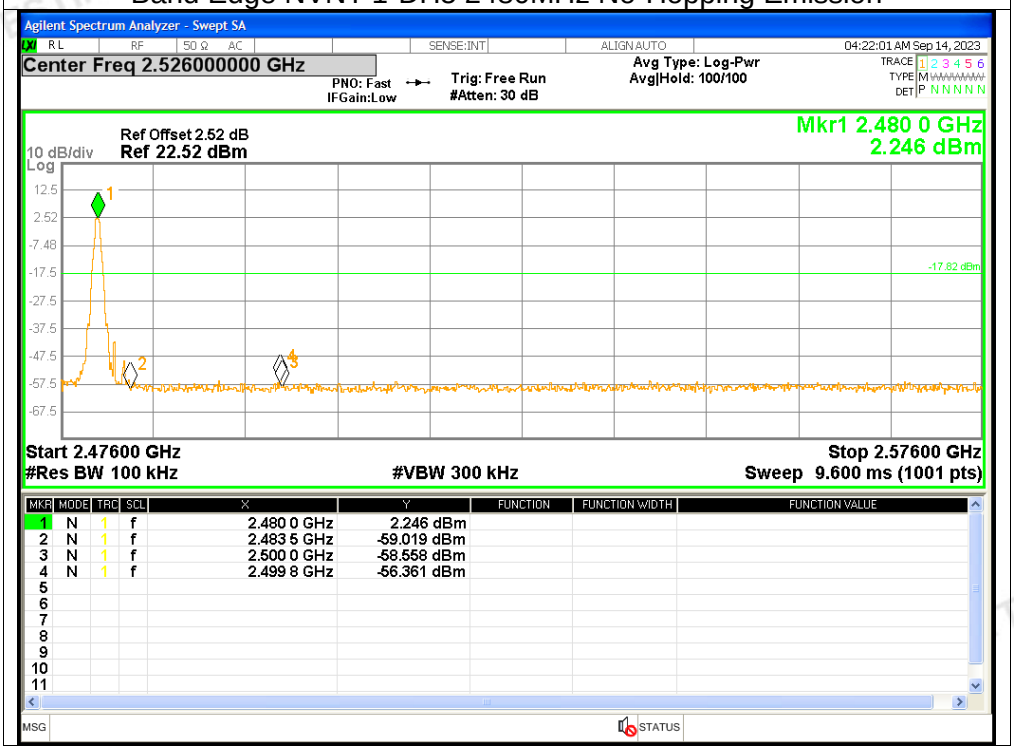
Band Edge NVNT 1-DH5 2402MHz No-Hopping Emission



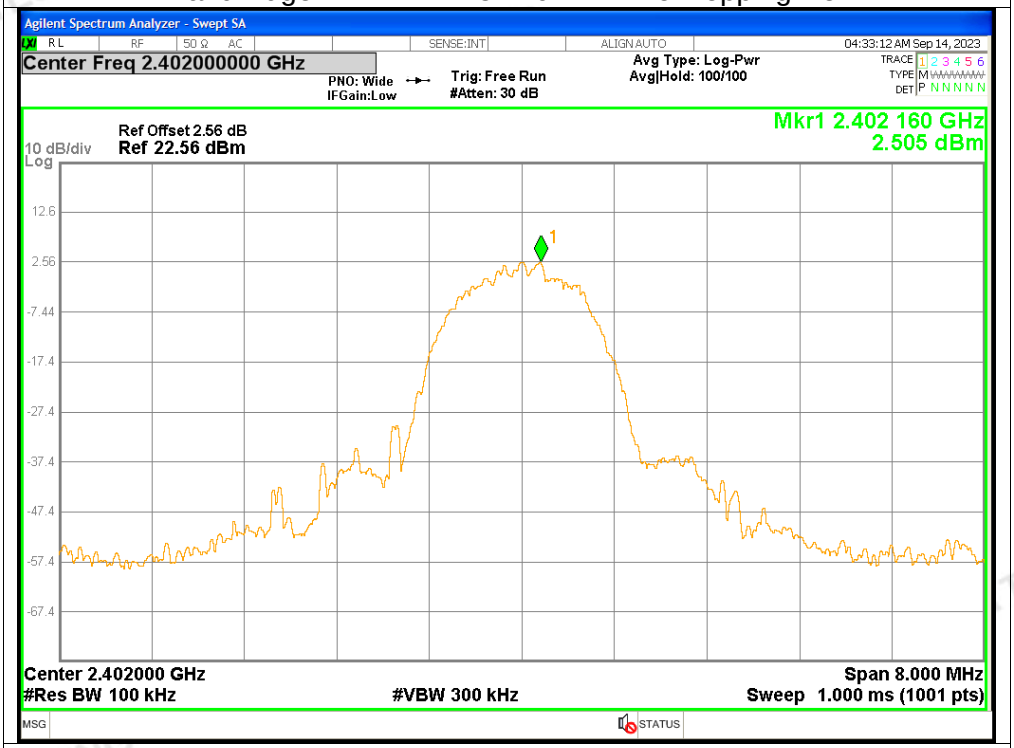
Band Edge NVNT 1-DH5 2480MHz No-Hopping Ref



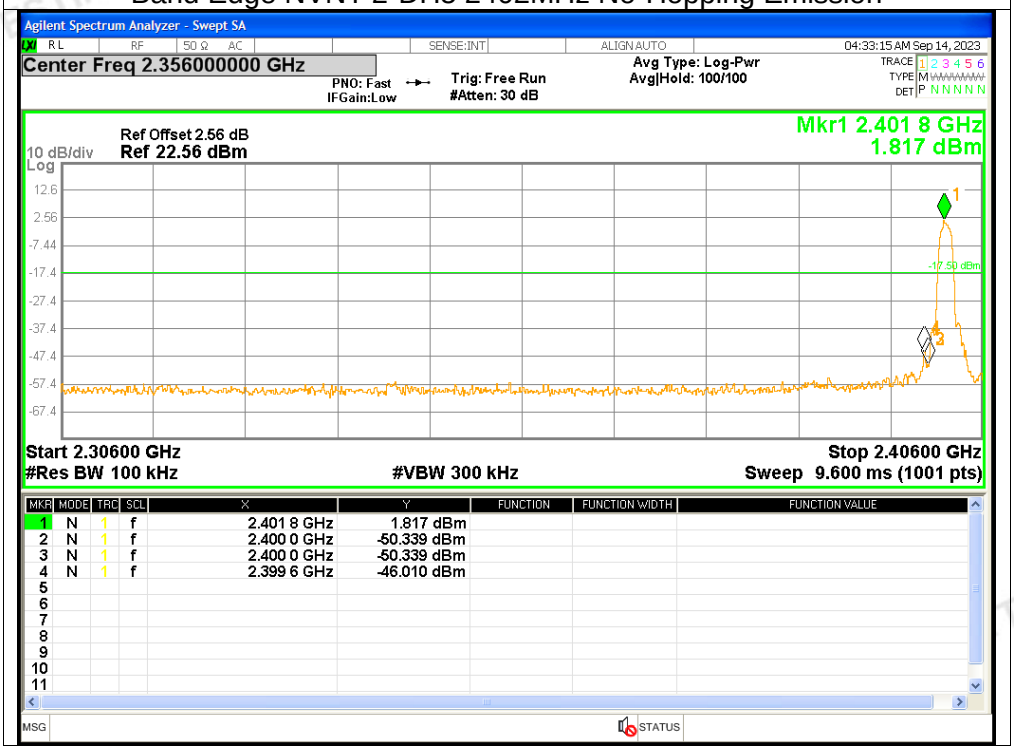
Band Edge NVNT 1-DH5 2480MHz No-Hopping Emission



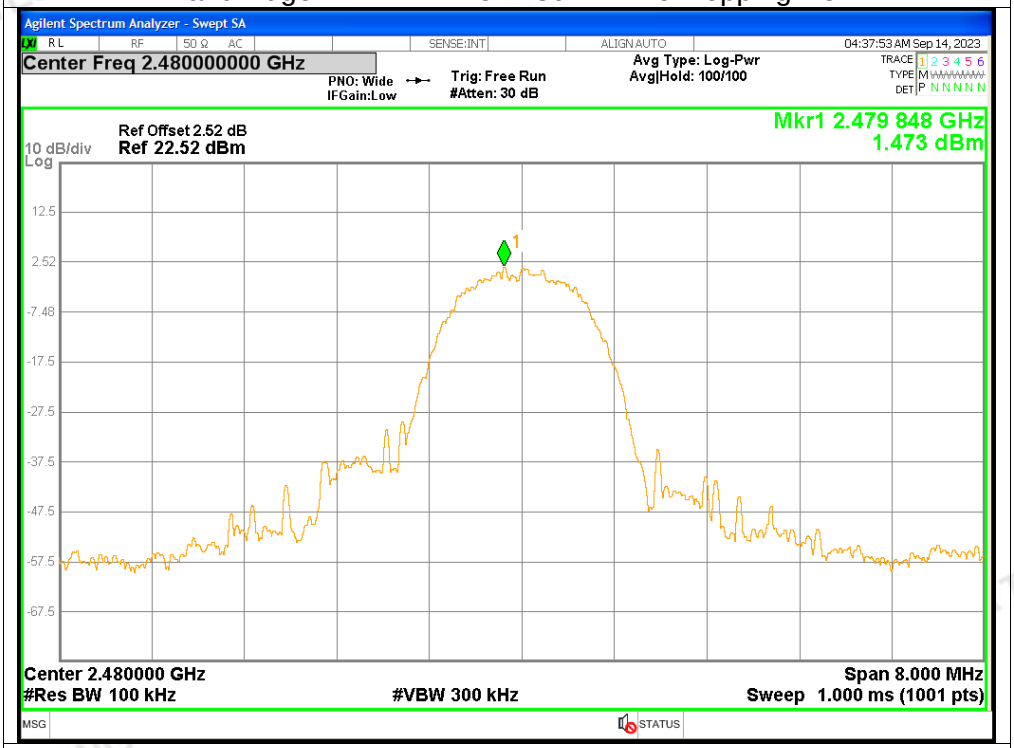
Band Edge NVNT 2-DH5 2402MHz No-Hopping Ref



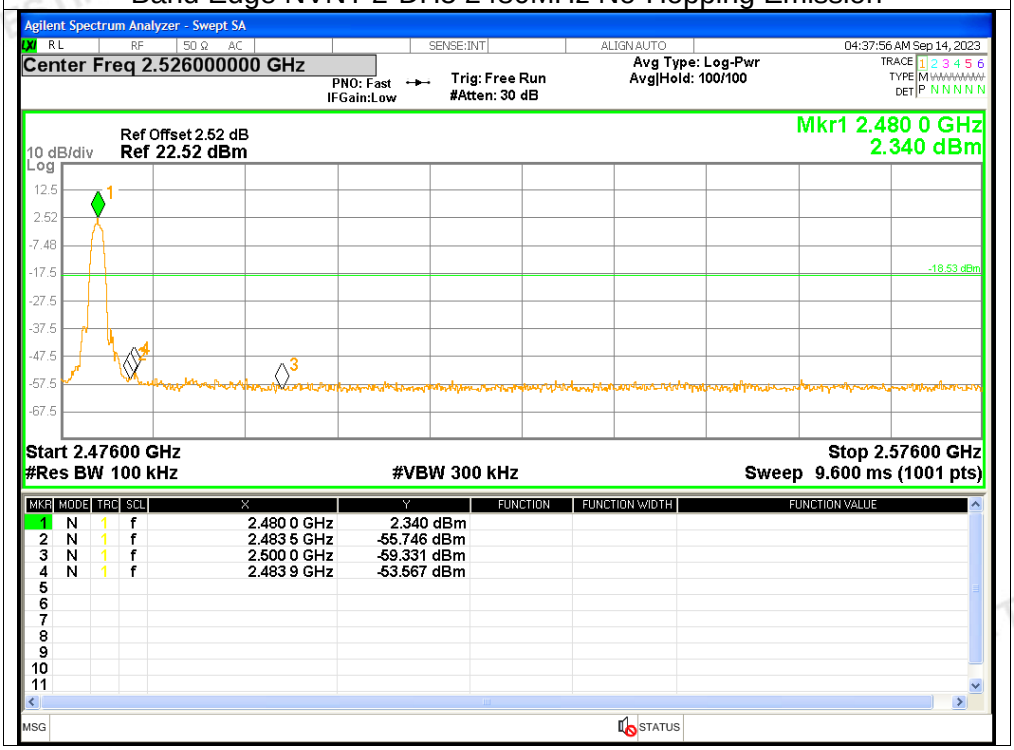
Band Edge NVNT 2-DH5 2402MHz No-Hopping Emission



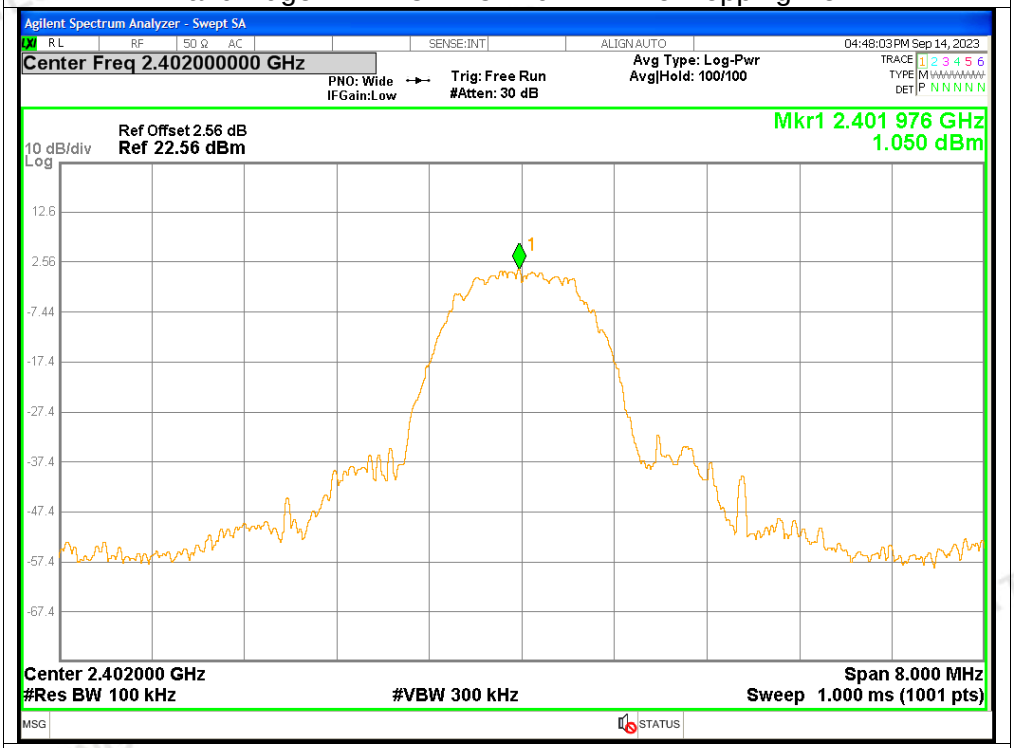
Band Edge NVNT 2-DH5 2480MHz No-Hopping Ref



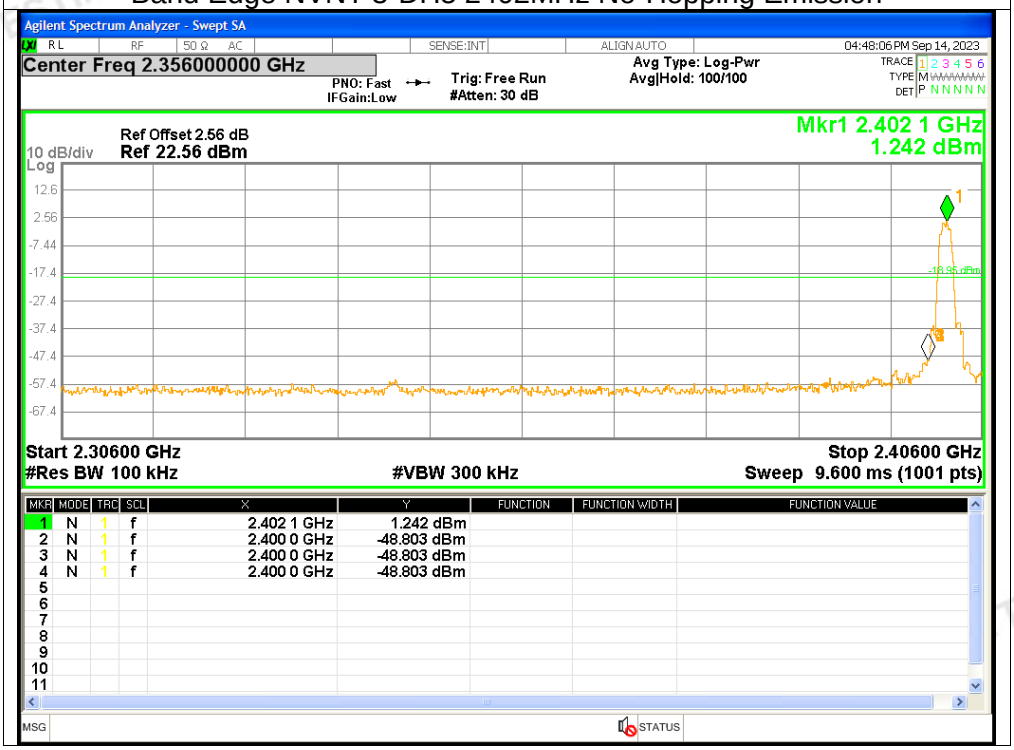
Band Edge NVNT 2-DH5 2480MHz No-Hopping Emission



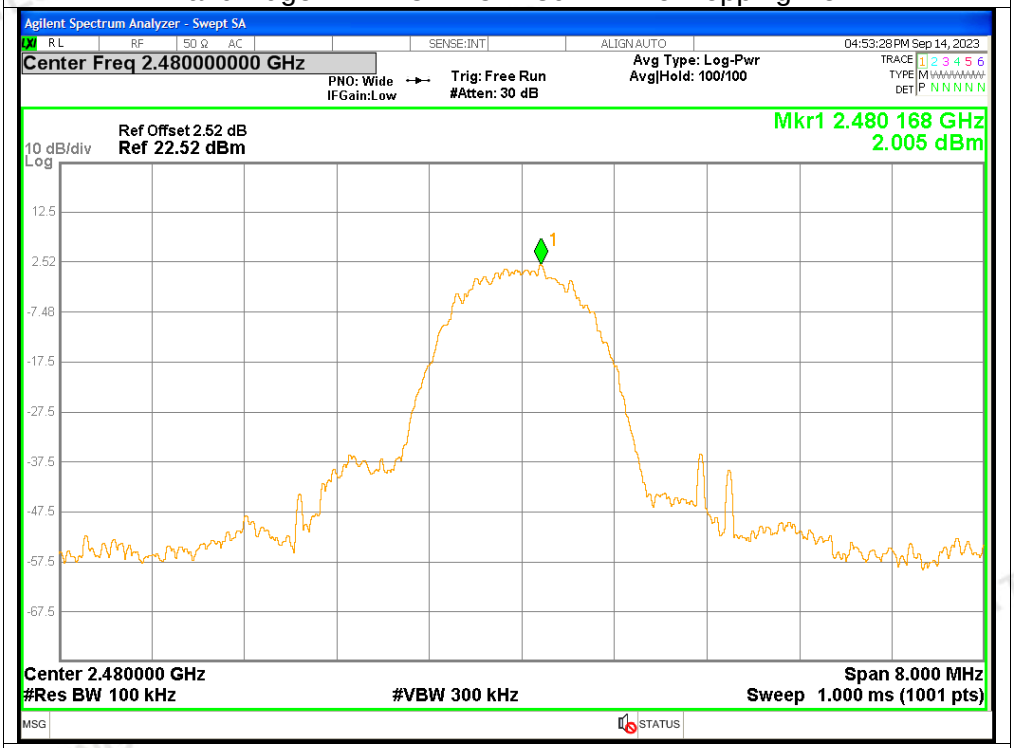
Band Edge NVNT 3-DH5 2402MHz No-Hopping Ref



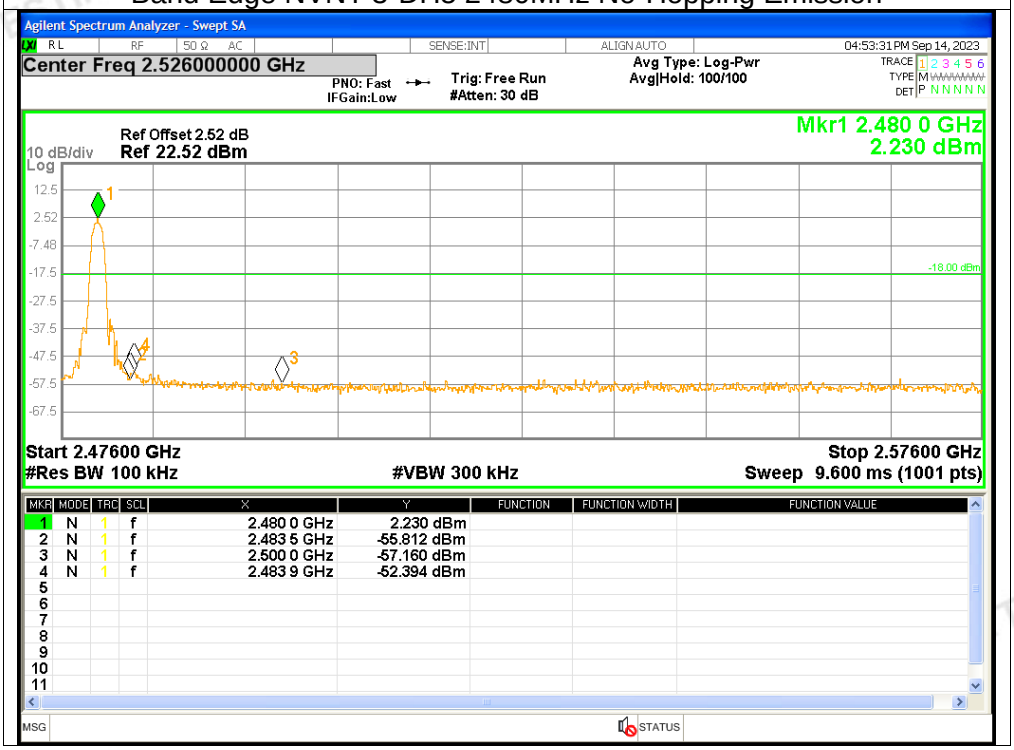
Band Edge NVNT 3-DH5 2402MHz No-Hopping Emission



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



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

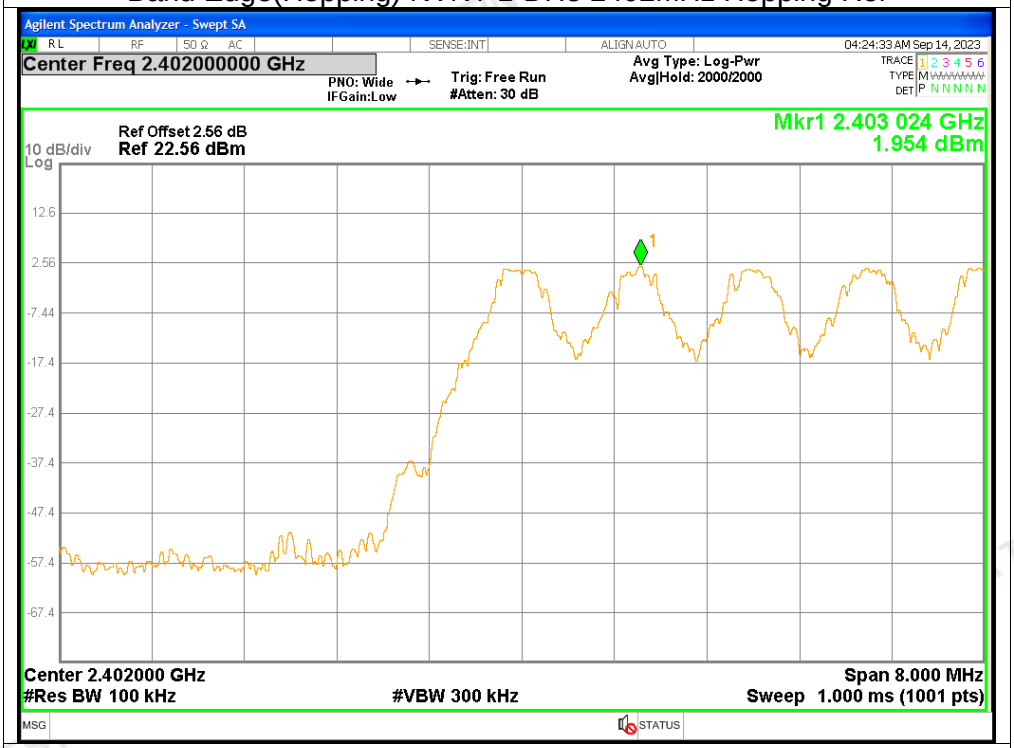


8. Band Edge(Hopping)

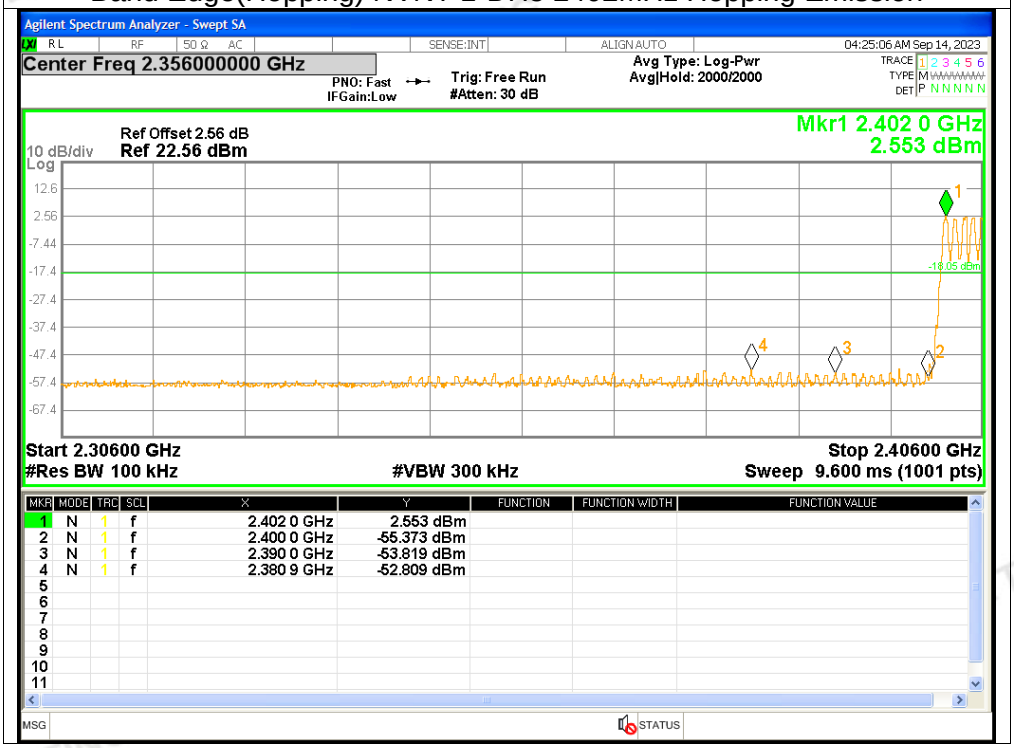
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Hopping	-54.75	<=-20	Pass
NVNT	1-DH5	2480	Hopping	-58.98	<=-20	Pass
NVNT	2-DH5	2402	Hopping	-55.37	<=-20	Pass
NVNT	2-DH5	2480	Hopping	-59	<=-20	Pass
NVNT	3-DH5	2402	Hopping	-58.03	<=-20	Pass
NVNT	3-DH5	2480	Hopping	-55.86	<=-20	Pass

Test Graphs

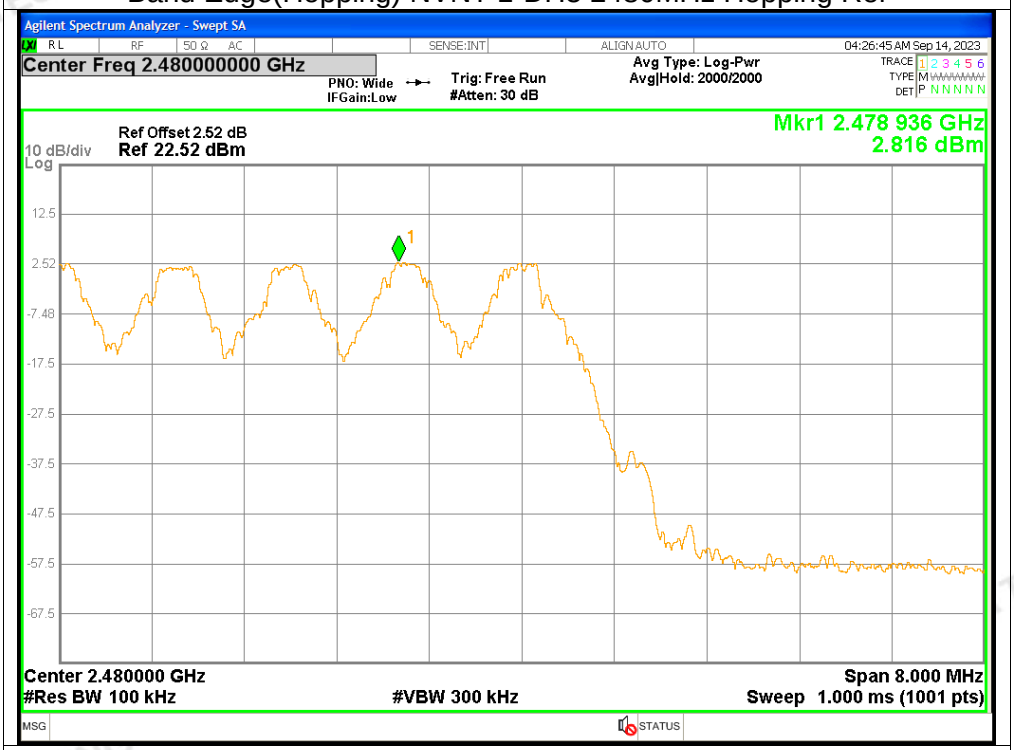
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Ref



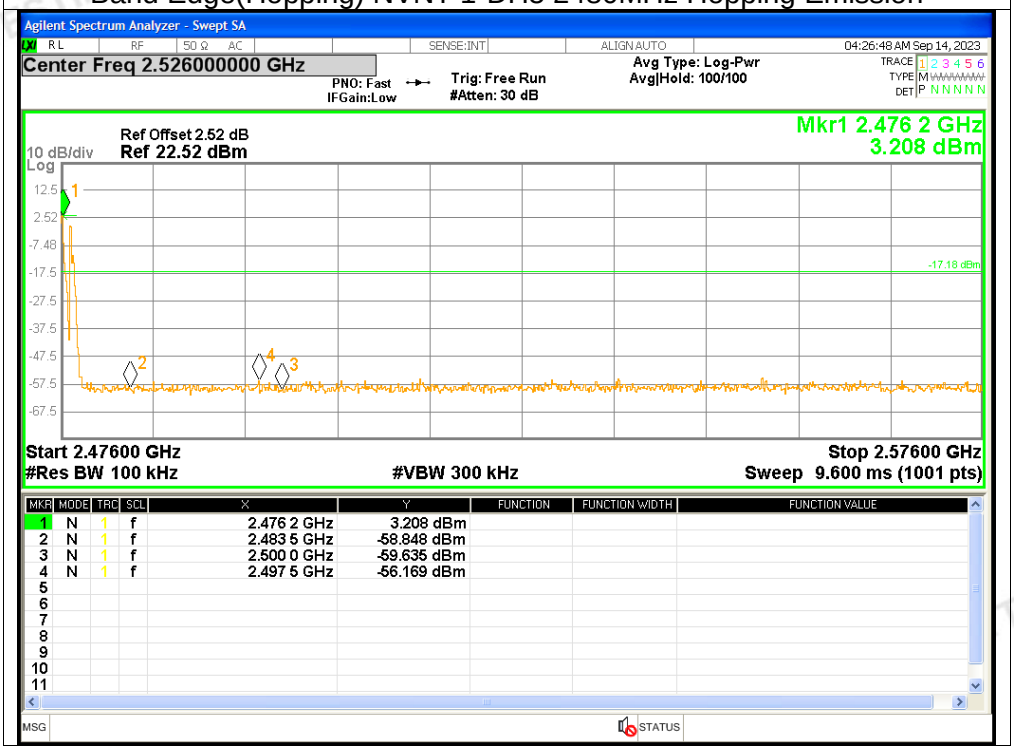
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Emission



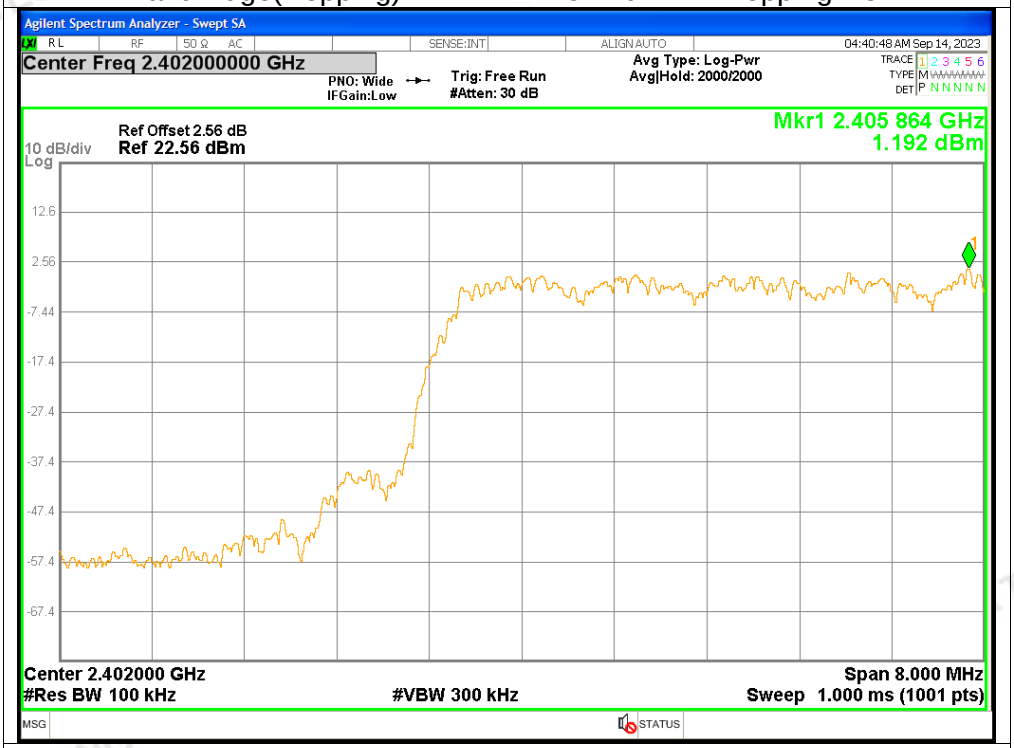
Band Edge(Hopping) NVNT 1-DH5 2480MHz Hopping Ref



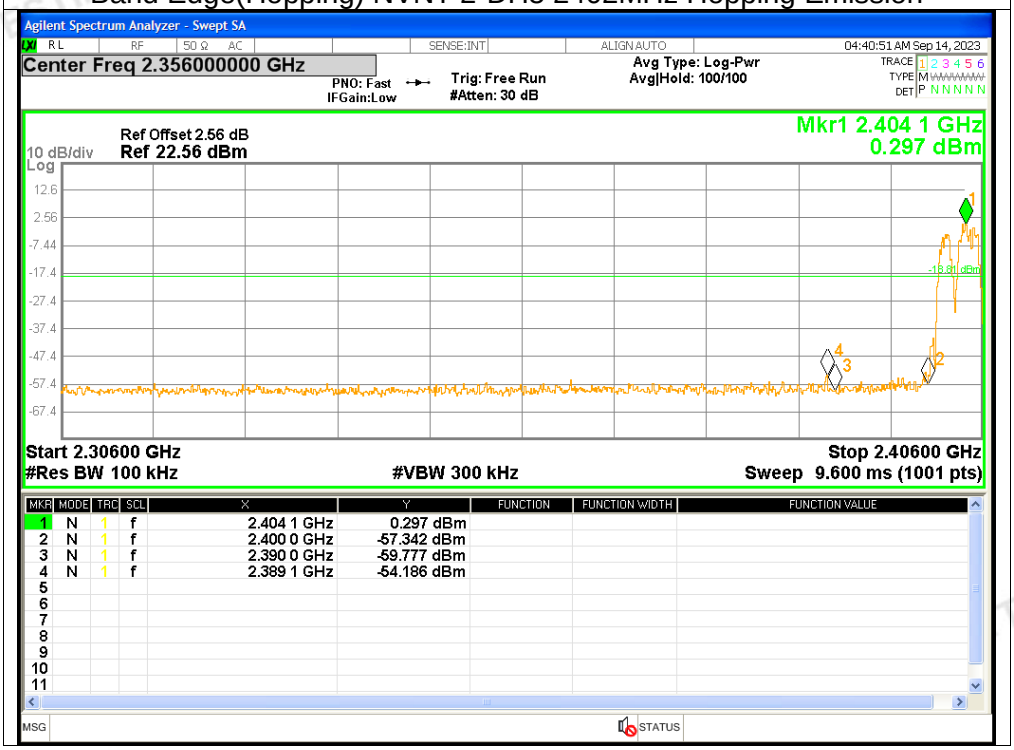
Band Edge(Hopping) NVNT 1-DH5 2480MHz Hopping Emission



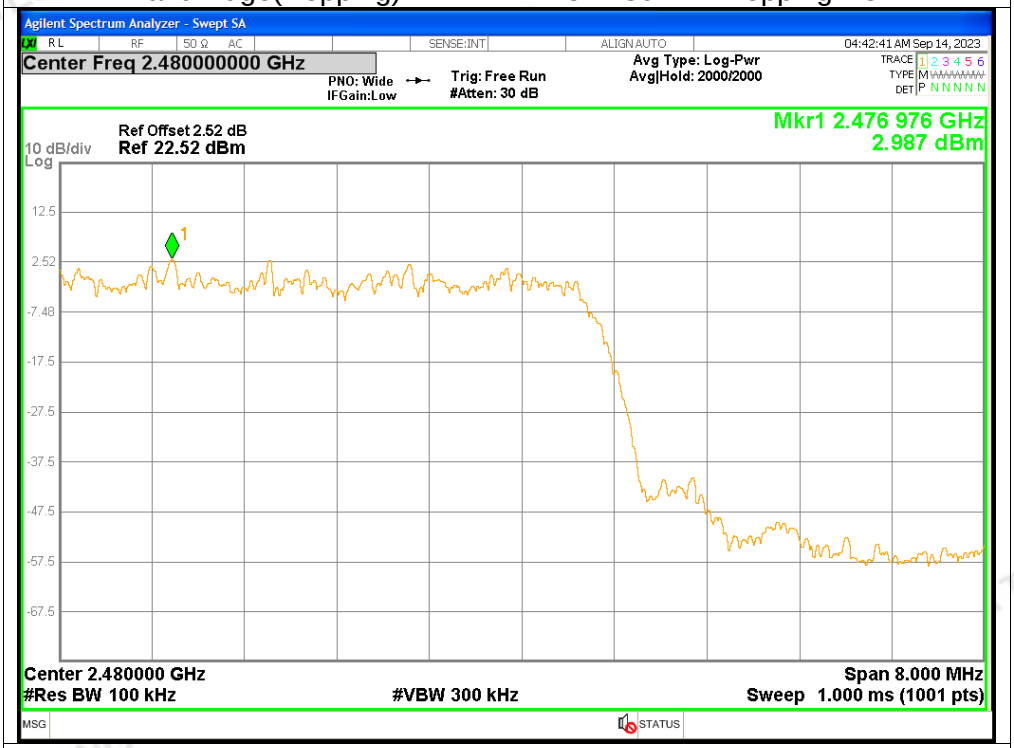
Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Ref



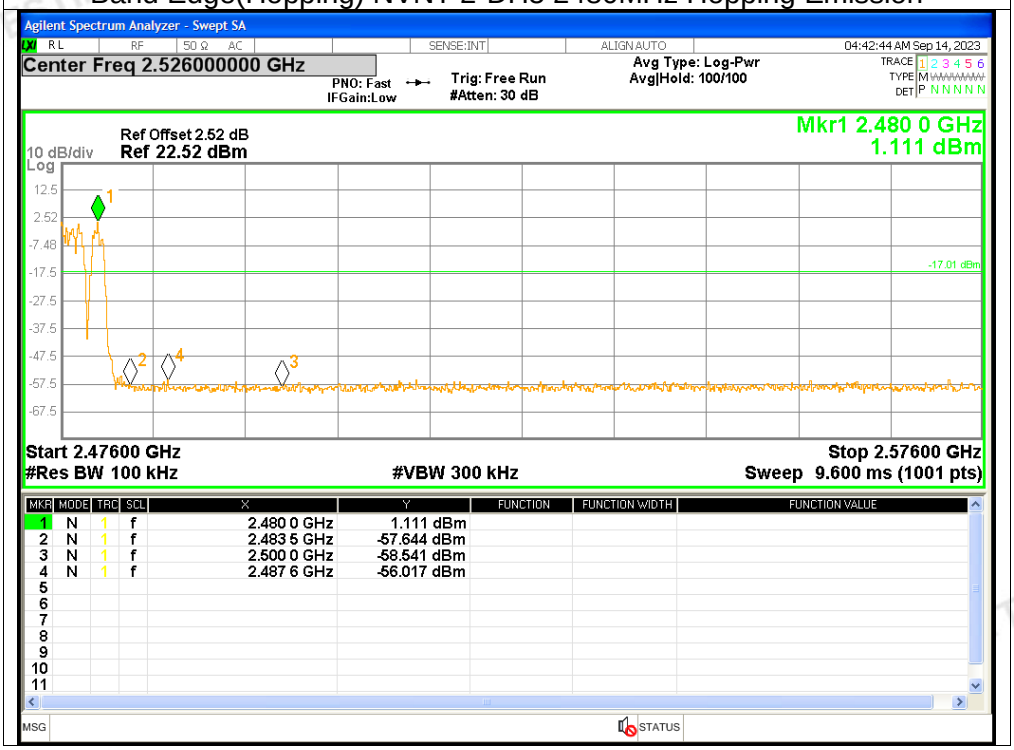
Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Emission



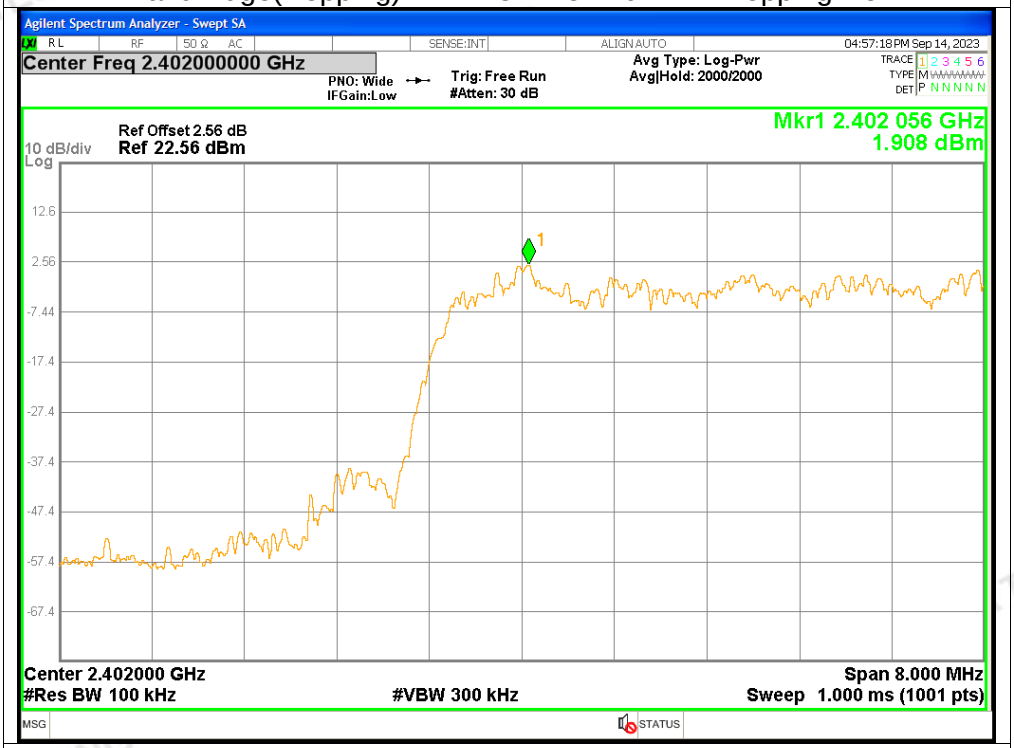
Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Ref



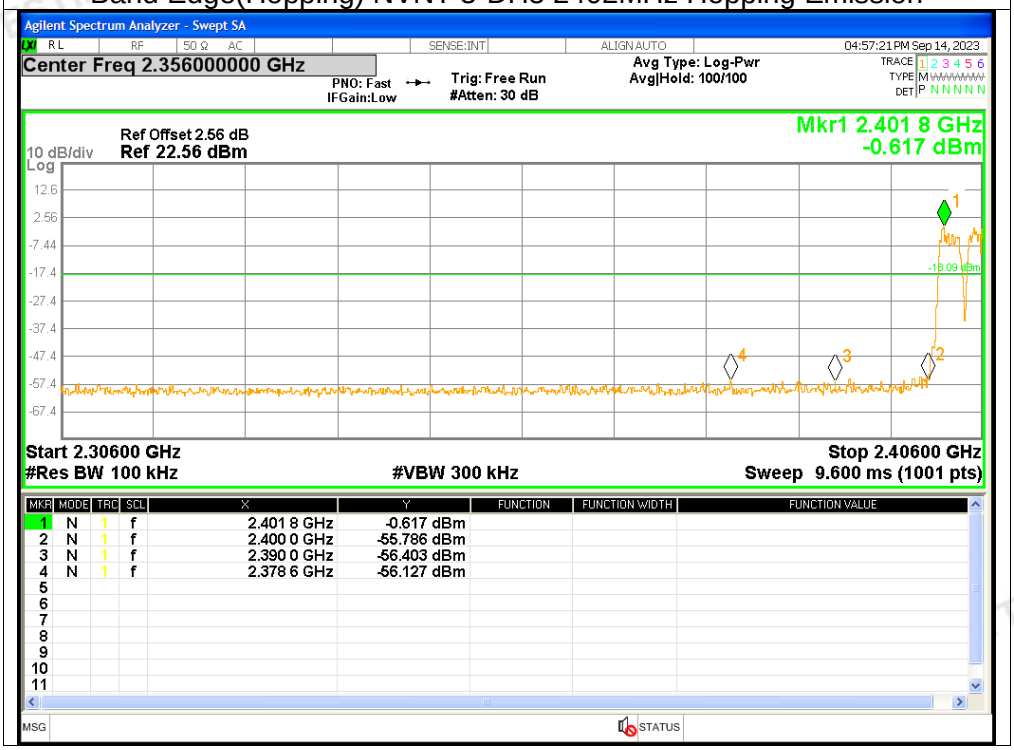
Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Emission



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

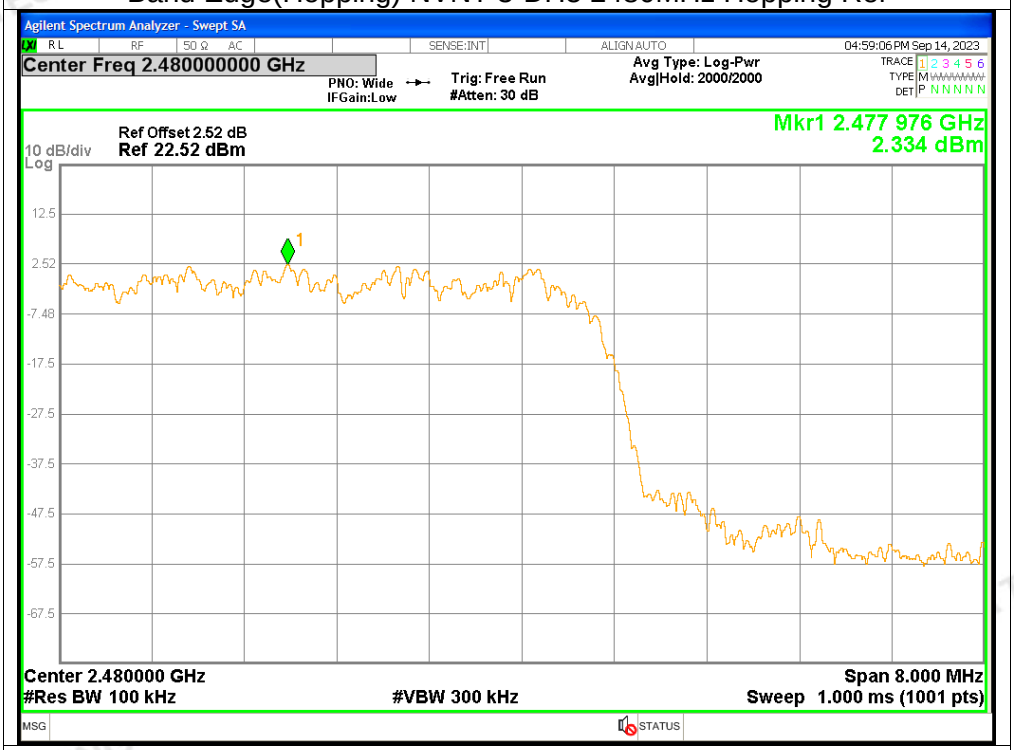


Band Edge(Hopping) NVNT 3-DH5 2402MHz Hopping Emission

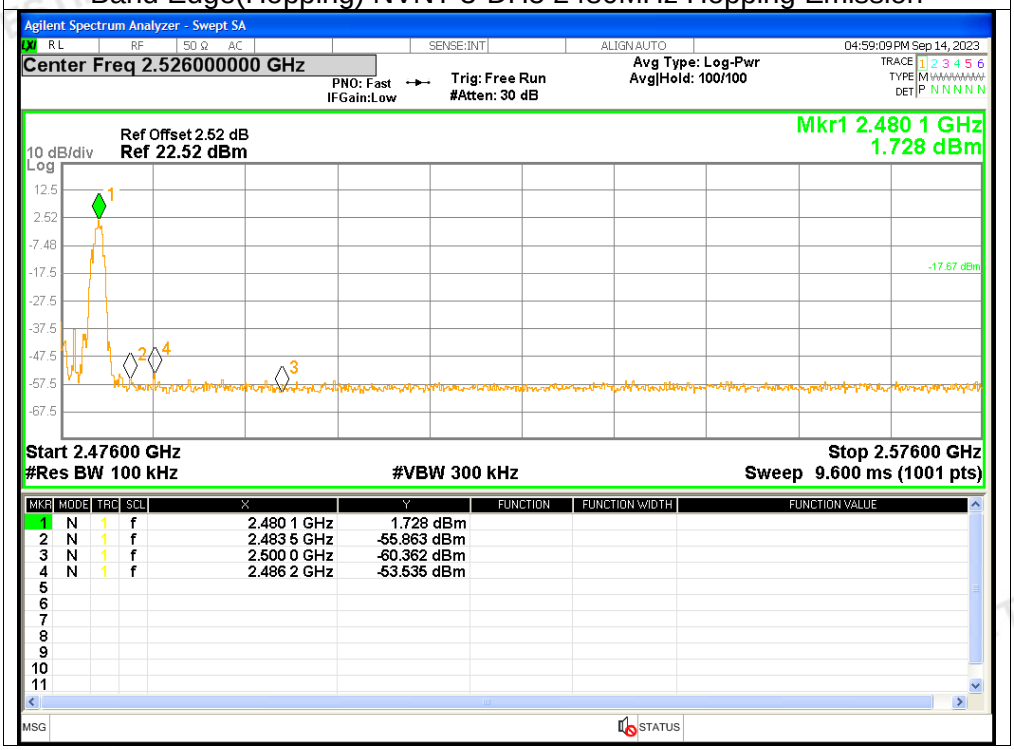


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.401 8 GHz	-0.617 dBm			
2	N	1	f	2.400 0 GHz	-55.786 dBm			
3	N	1	f	2.390 0 GHz	-56.403 dBm			
4	N	1	f	2.378 6 GHz	-56.127 dBm			
5								
6								
7								
8								
9								
10								
11								

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



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

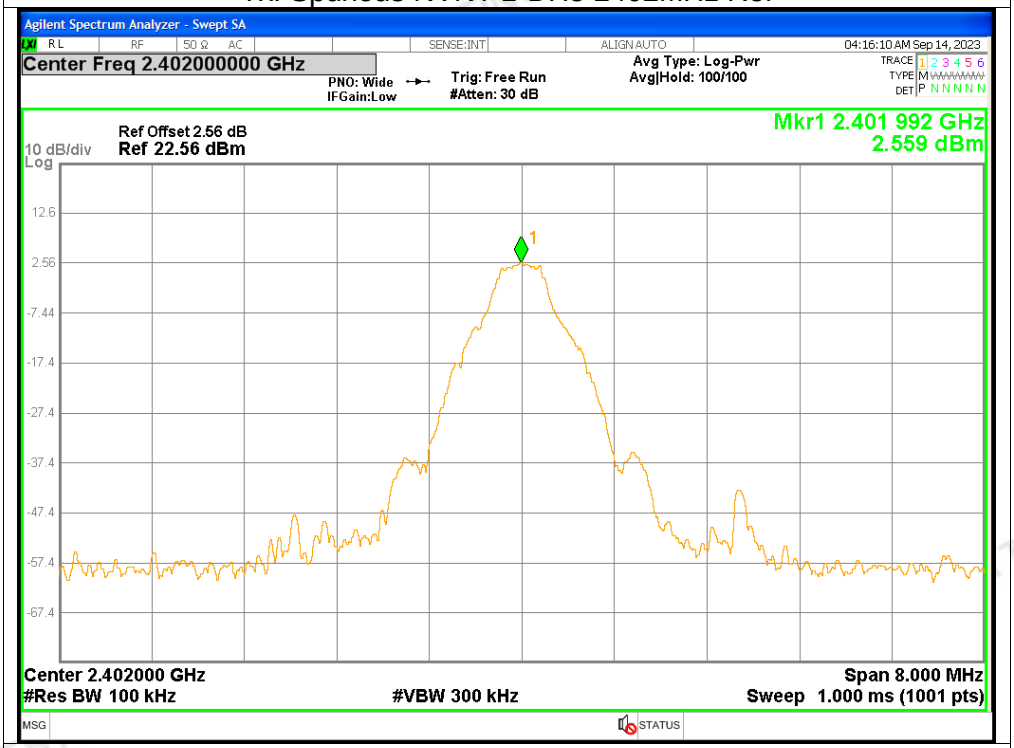


9. Conducted RF Spurious Emission

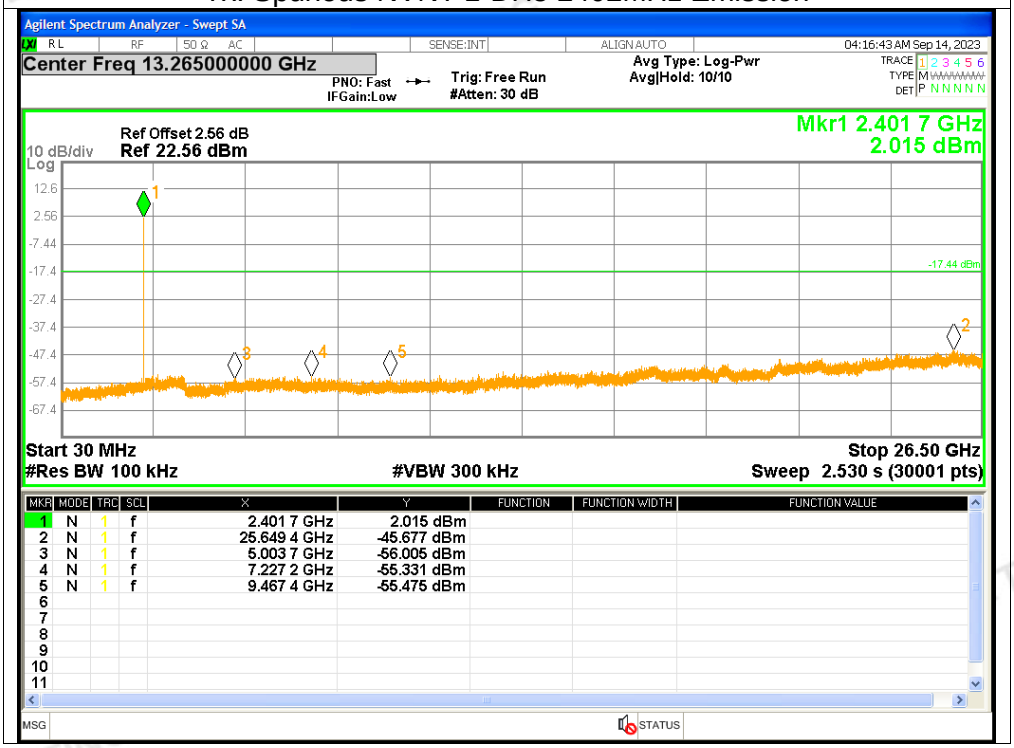
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	-48.23	<=-20	Pass
NVNT	1-DH5	2441	-46.94	<=-20	Pass
NVNT	1-DH5	2480	-47.7	<=-20	Pass
NVNT	2-DH5	2402	-46.79	<=-20	Pass
NVNT	2-DH5	2441	-48.04	<=-20	Pass
NVNT	2-DH5	2480	-47.1	<=-20	Pass
NVNT	3-DH5	2402	-47.8	<=-20	Pass
NVNT	3-DH5	2441	-46.39	<=-20	Pass
NVNT	3-DH5	2480	-45.95	<=-20	Pass

Test Graphs

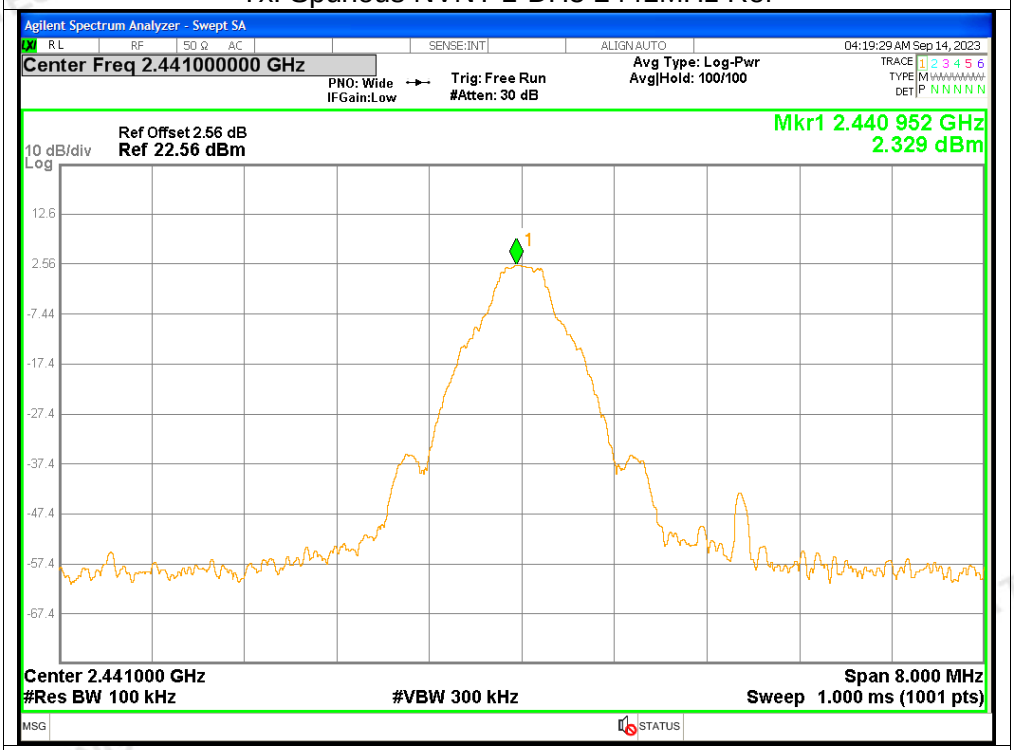
Tx. Spurious NVNT 1-DH5 2402MHz Ref



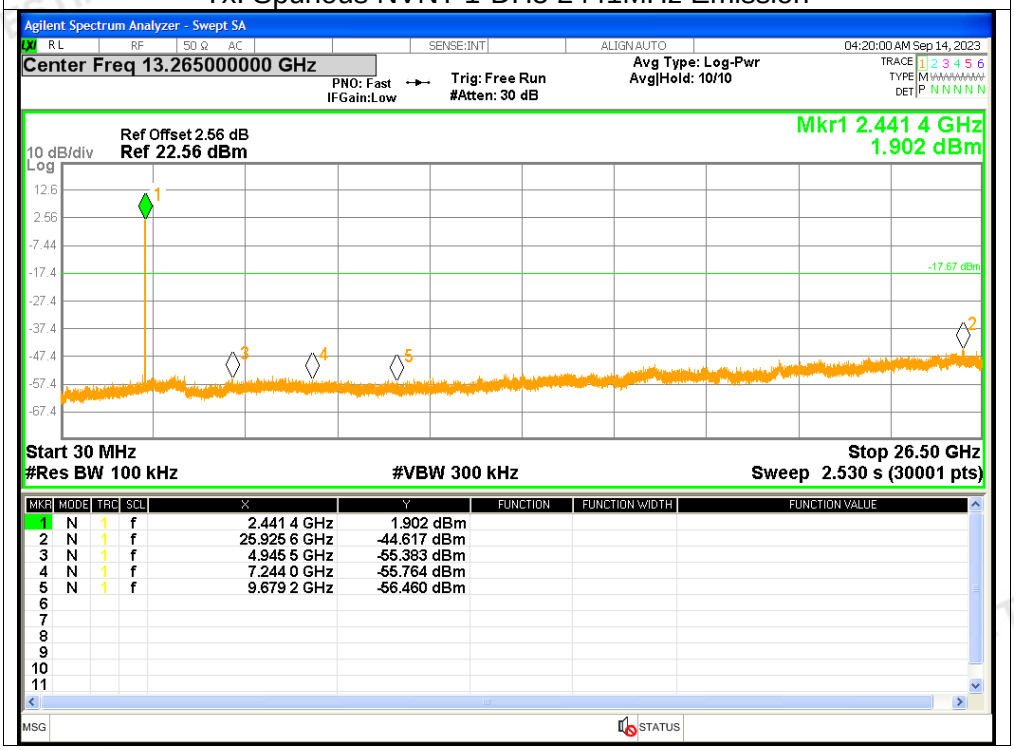
Tx. Spurious NVNT 1-DH5 2402MHz Emission



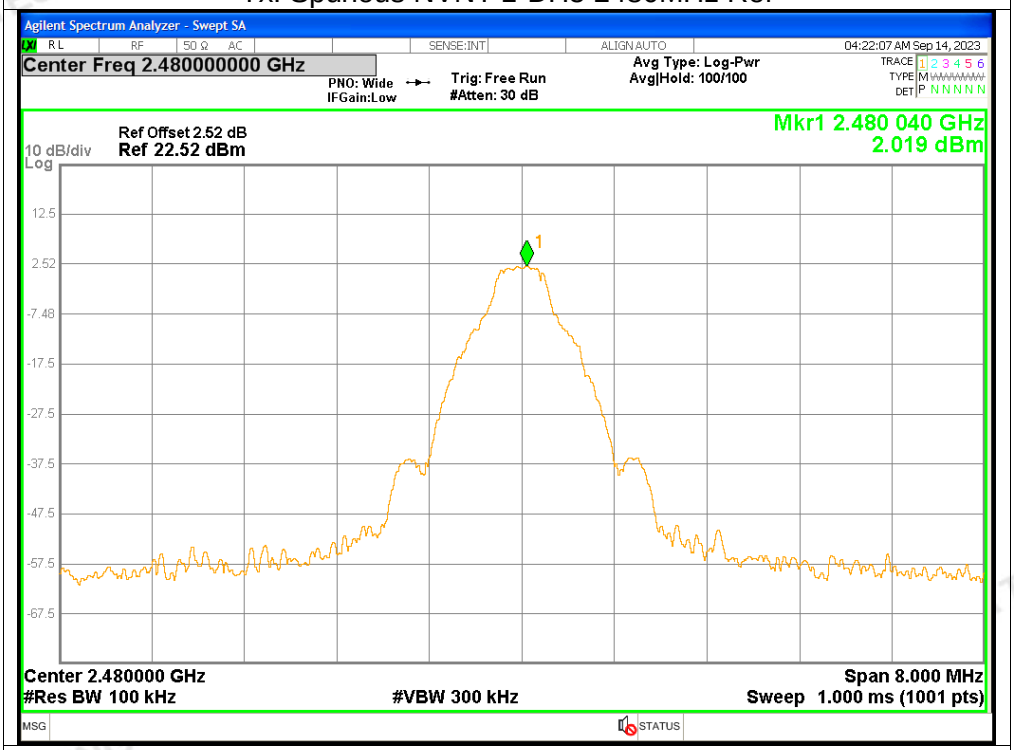
Tx. Spurious NVNT 1-DH5 2441MHz Ref



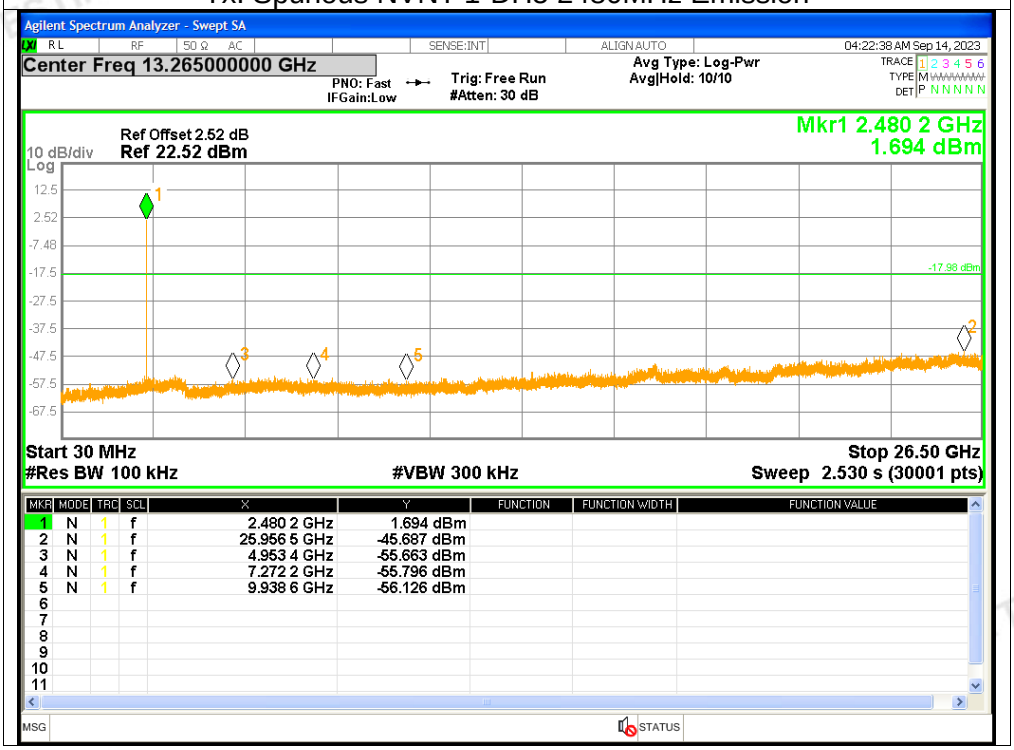
Tx. Spurious NVNT 1-DH5 2441MHz Emission



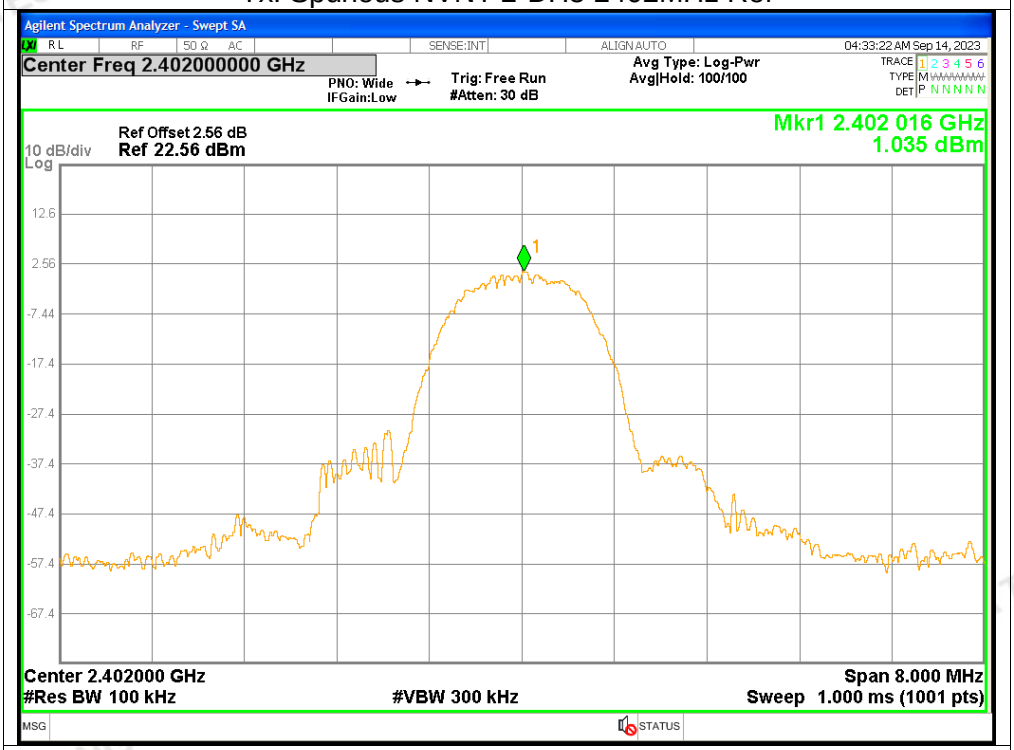
Tx. Spurious NVNT 1-DH5 2480MHz Ref



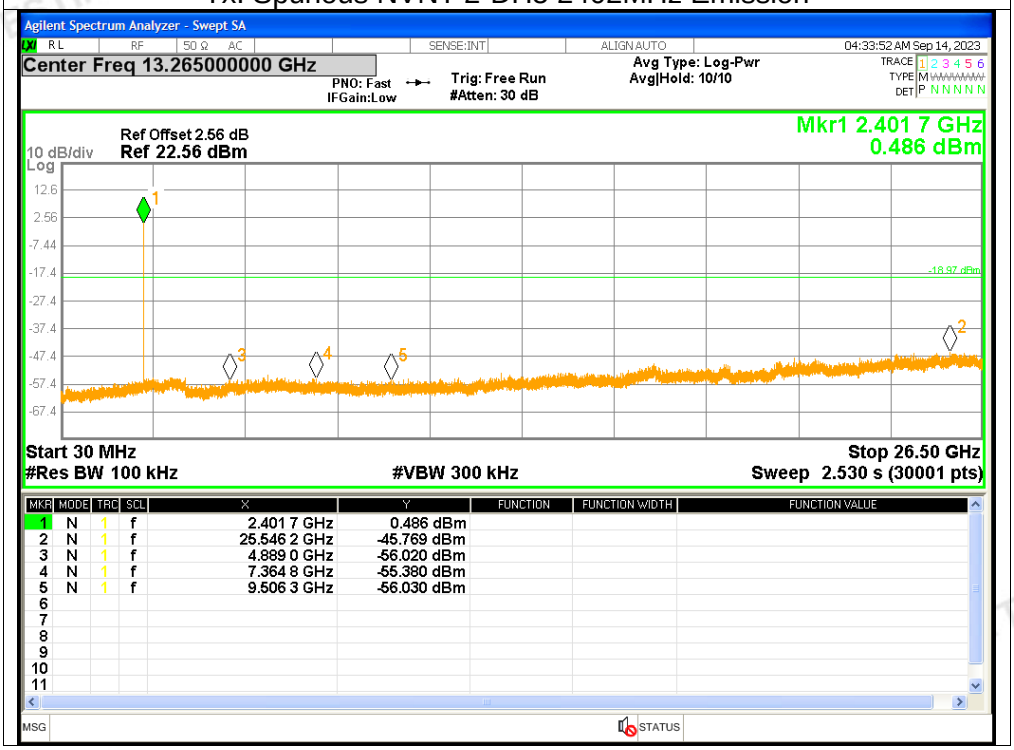
Tx. Spurious NVNT 1-DH5 2480MHz Emission



Tx. Spurious NVNT 2-DH5 2402MHz Ref

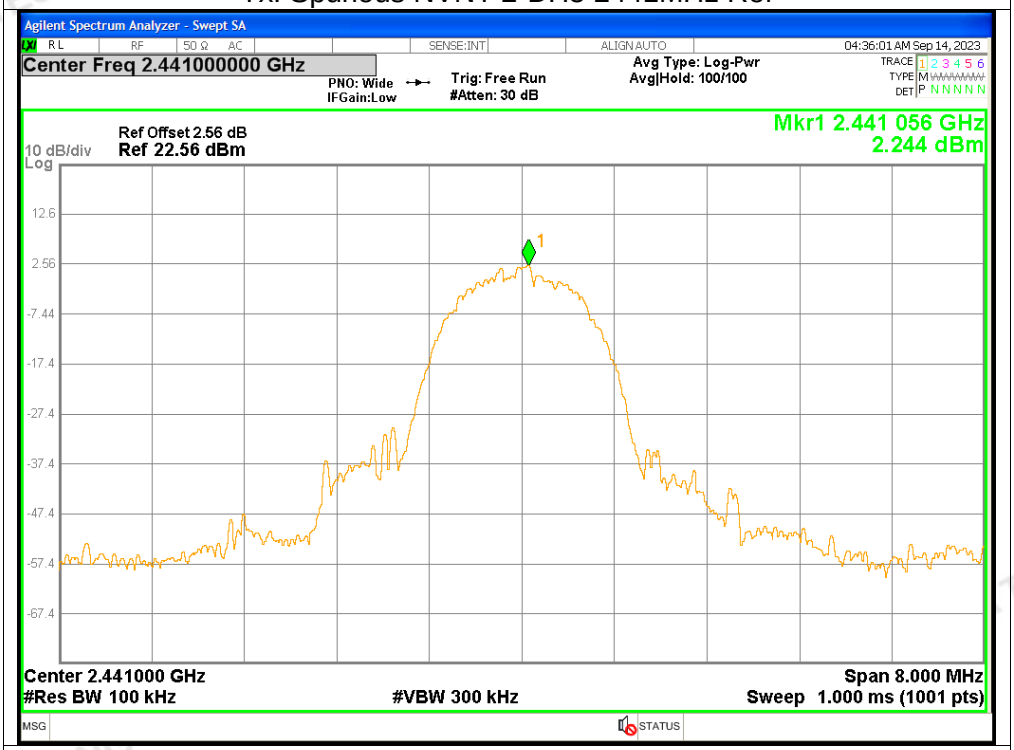


Tx. Spurious NVNT 2-DH5 2402MHz Emission

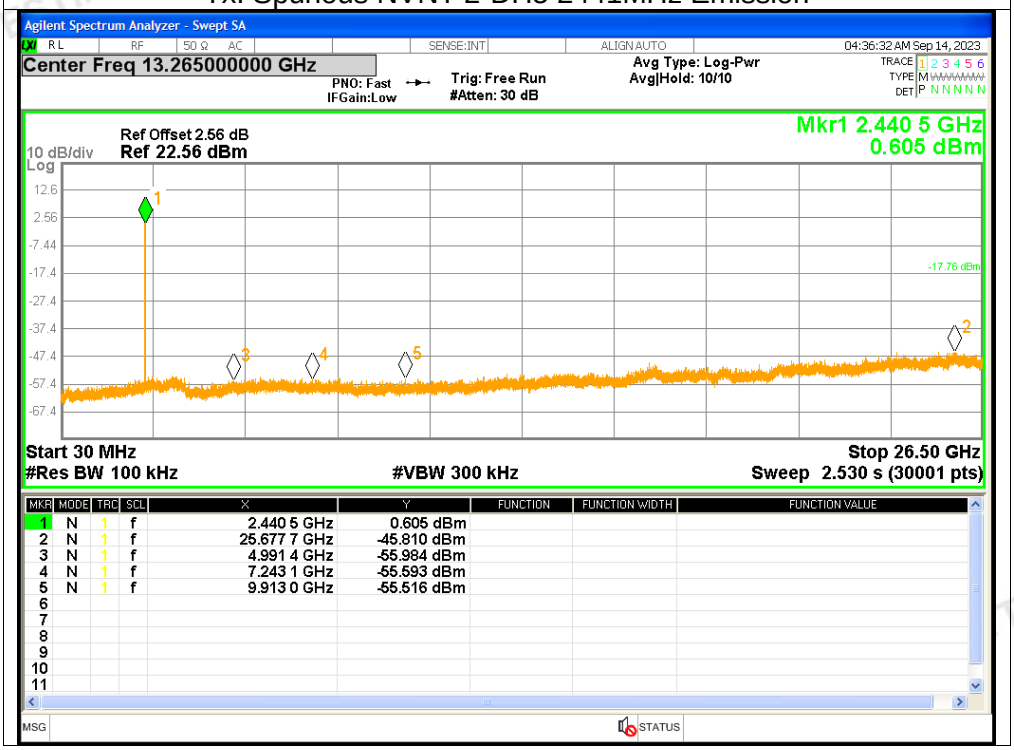


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.401 7 GHz	0.486 dBm			
2	N	1	f	25.546 2 GHz	-45.769 dBm			
3	N	1	f	4.889 0 GHz	-56.020 dBm			
4	N	1	f	7.364 8 GHz	-55.380 dBm			
5	N	1	f	9.506 3 GHz	-56.030 dBm			
6								
7								
8								
9								
10								
11								

Tx. Spurious NVNT 2-DH5 2441MHz Ref

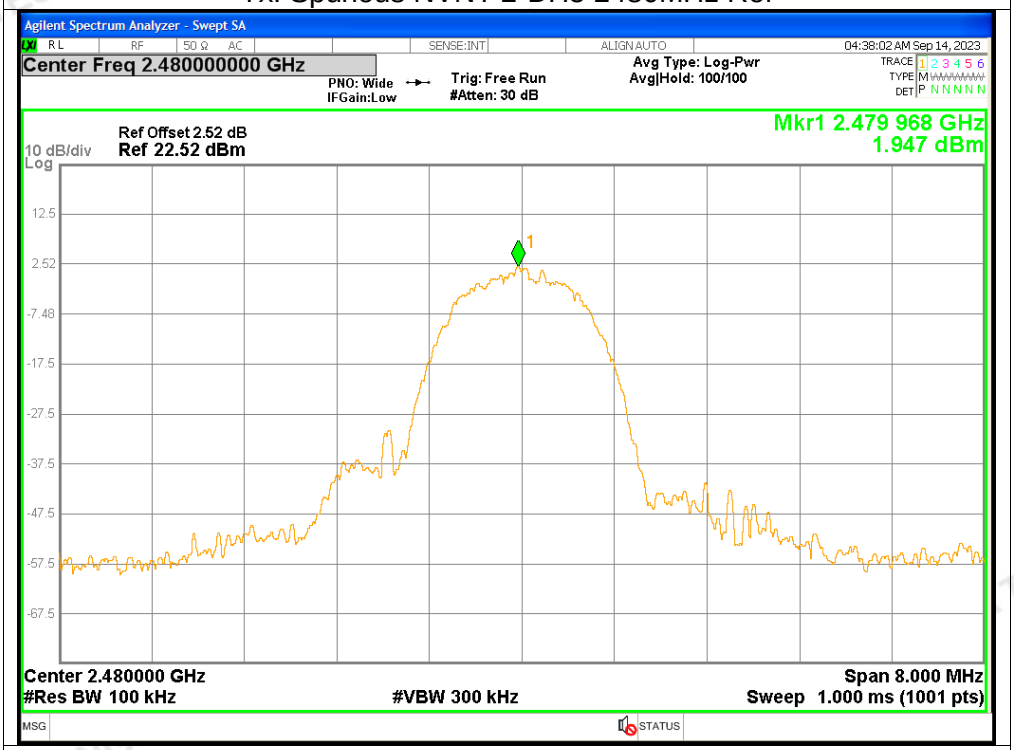


Tx. Spurious NVNT 2-DH5 2441MHz Emission

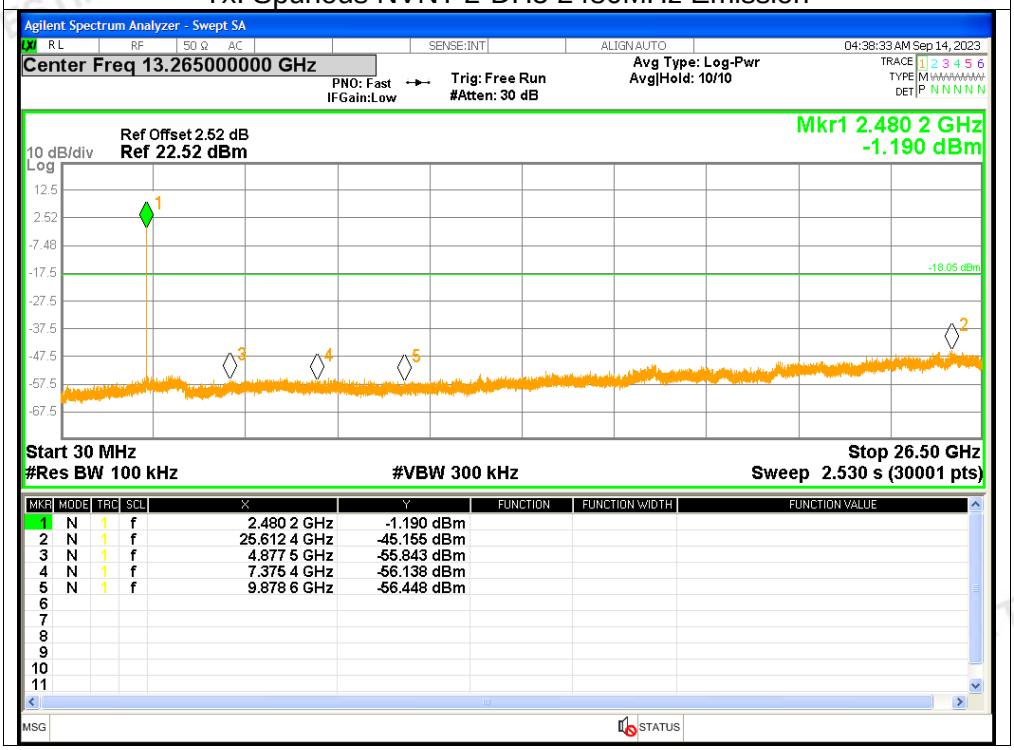


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.440 5 GHz	0.605 dBm			
2	N	1	f	25.677 7 GHz	-45.810 dBm			
3	N	1	f	4.991 4 GHz	-55.984 dBm			
4	N	1	f	7.243 1 GHz	-55.593 dBm			
5	N	1	f	9.913 0 GHz	-55.516 dBm			
6								
7								
8								
9								
10								
11								

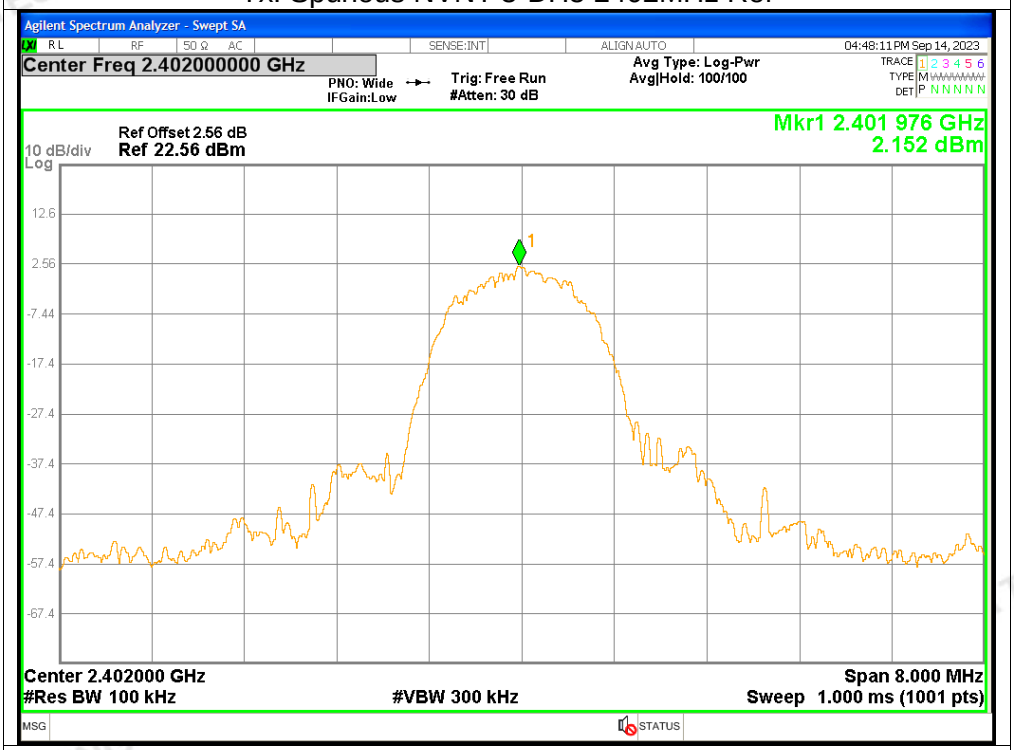
Tx. Spurious NVNT 2-DH5 2480MHz Ref



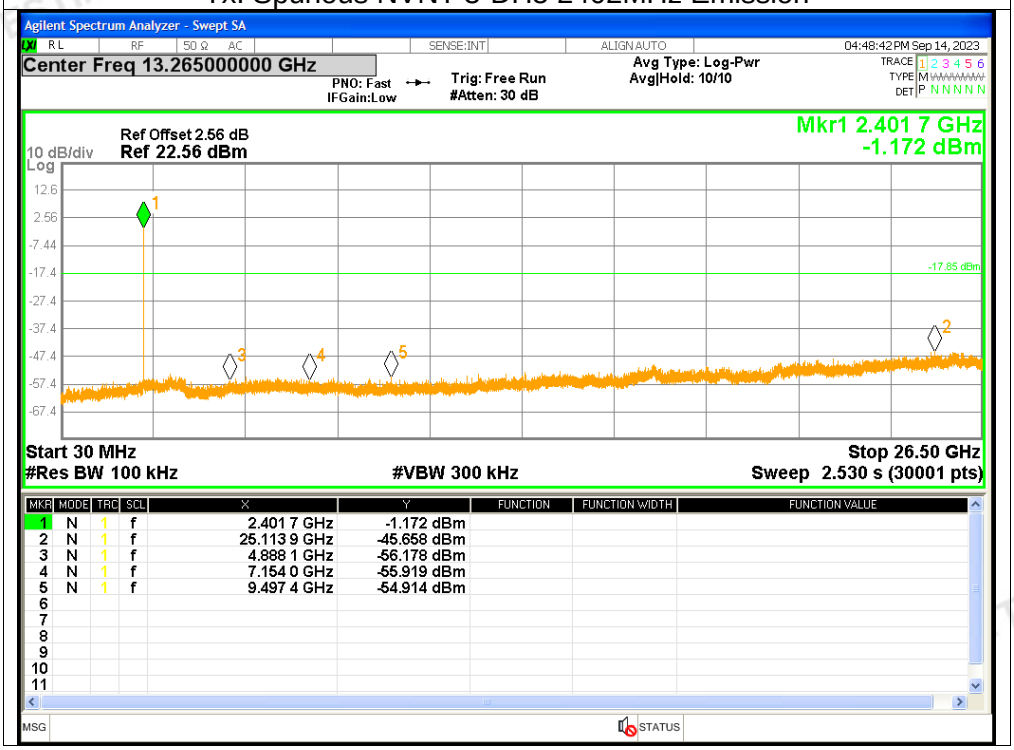
Tx. Spurious NVNT 2-DH5 2480MHz Emission



Tx. Spurious NVNT 3-DH5 2402MHz Ref

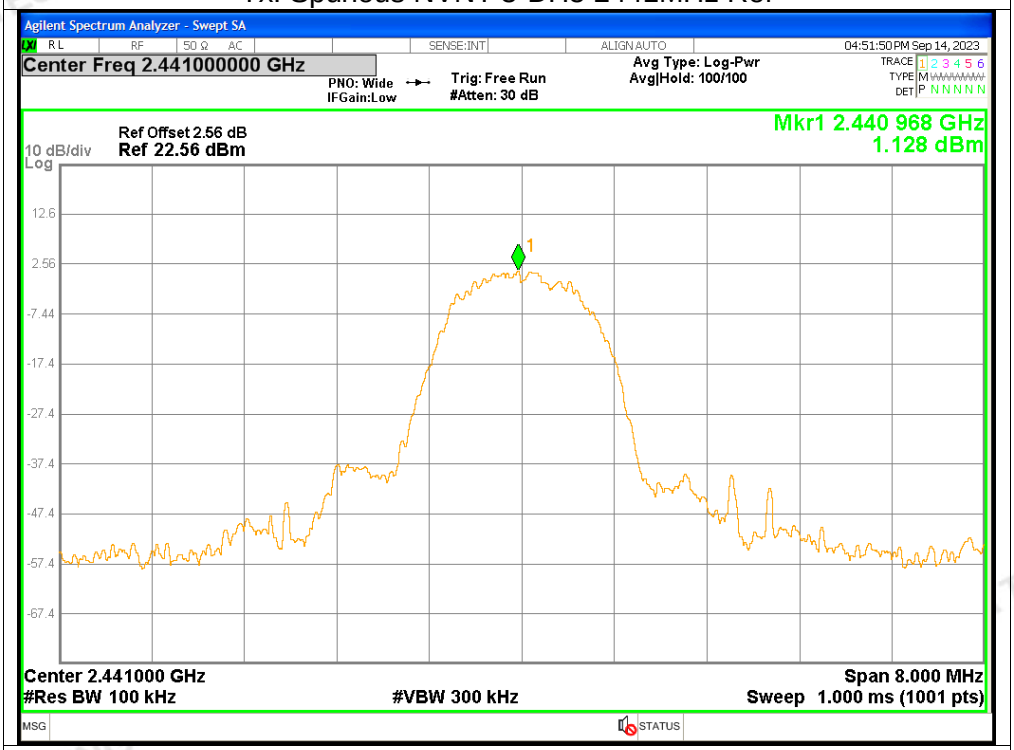


Tx. Spurious NVNT 3-DH5 2402MHz Emission

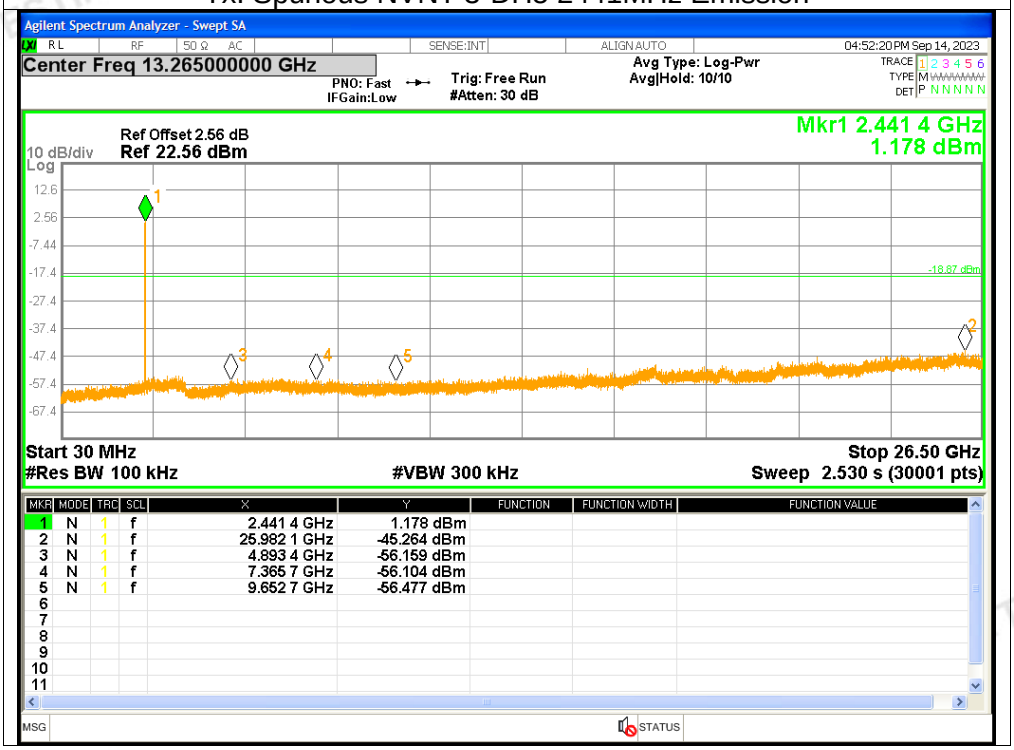


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.401 7 GHz	-1.172 dBm			
2	N	1	f	25.113 9 GHz	-45.658 dBm			
3	N	1	f	4.888 1 GHz	-56.178 dBm			
4	N	1	f	7.154 0 GHz	-55.919 dBm			
5	N	1	f	9.497 4 GHz	-54.914 dBm			
6								
7								
8								
9								
10								
11								

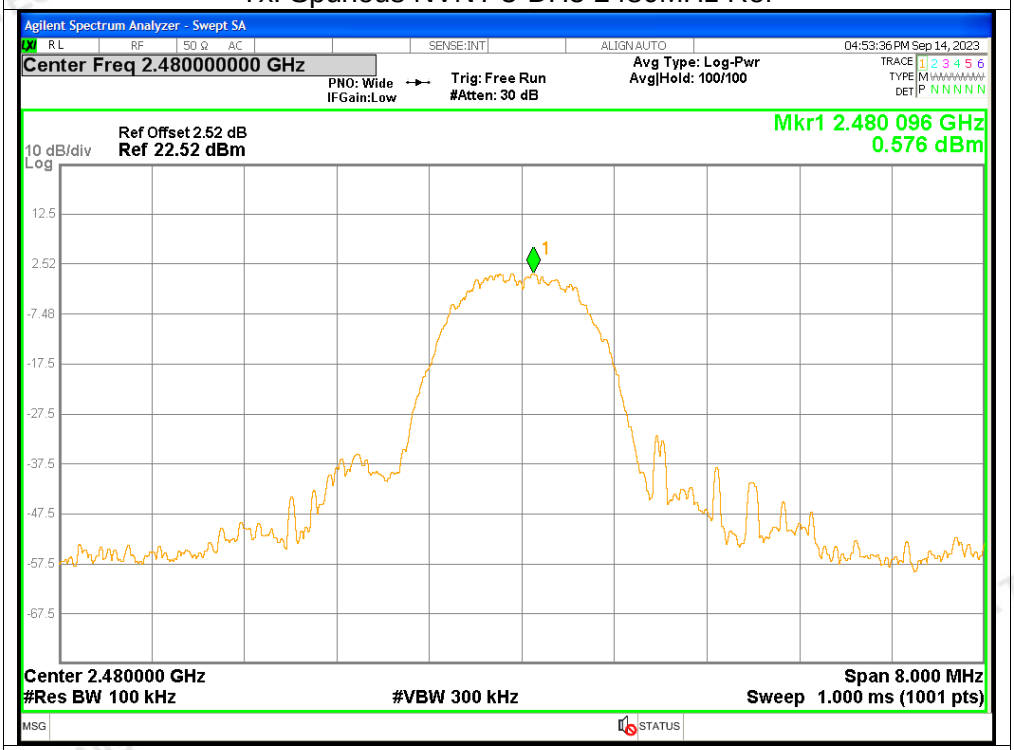
Tx. Spurious NVNT 3-DH5 2441MHz Ref



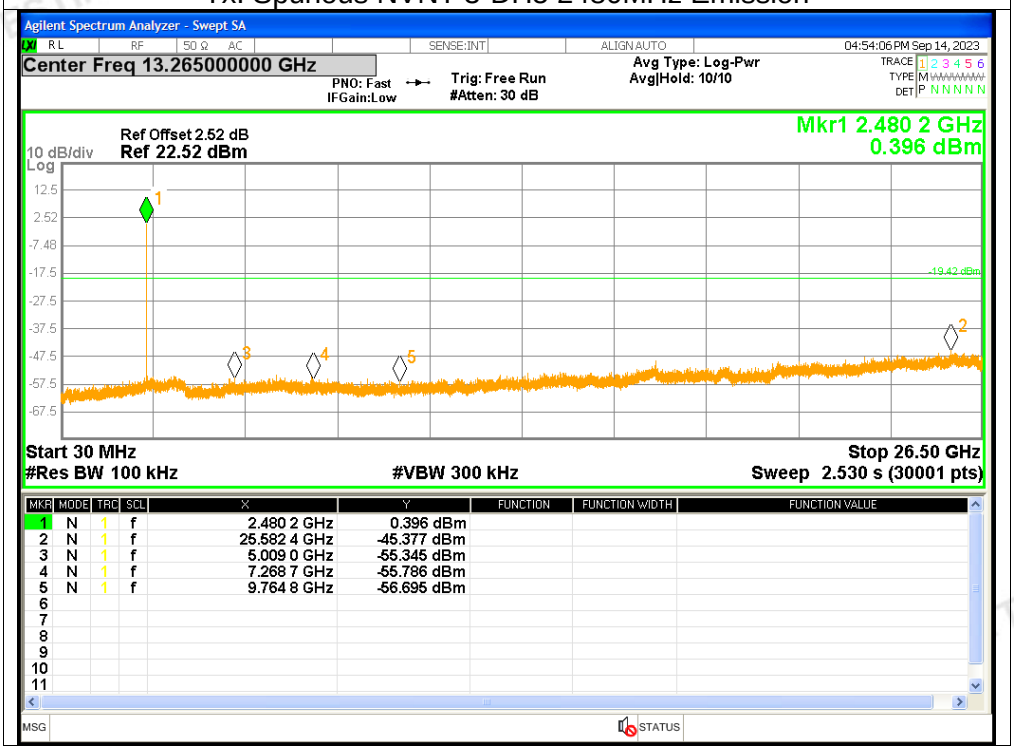
Tx. Spurious NVNT 3-DH5 2441MHz Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ref



Tx. Spurious NVNT 3-DH5 2480MHz Emission



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※※※※※