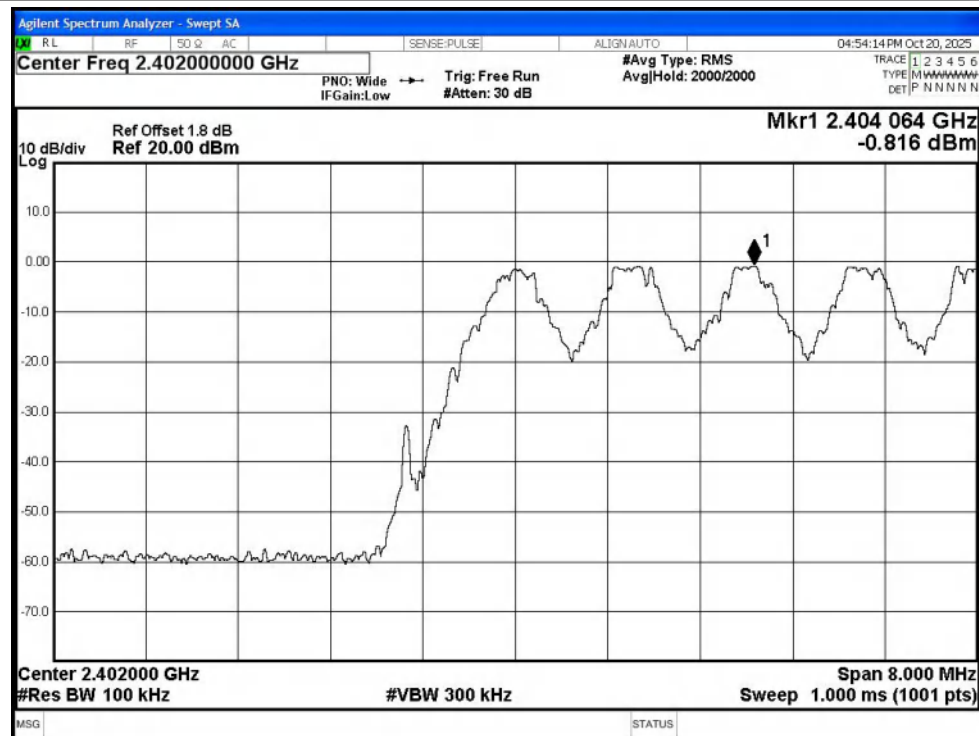


(Hopping)

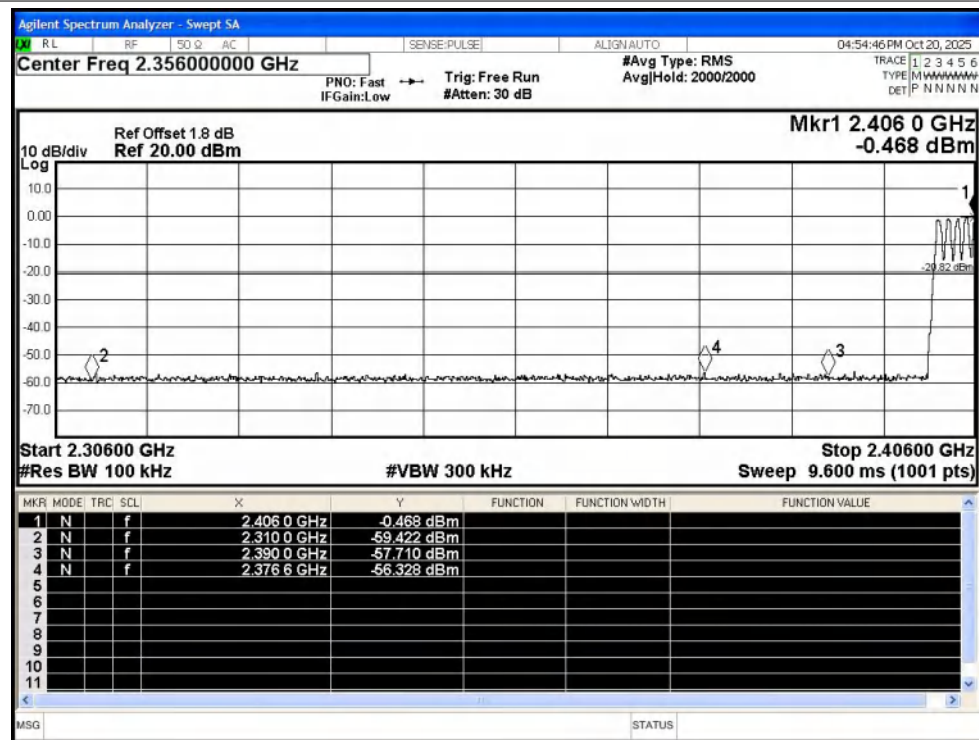
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-55.51	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-56.84	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-52.73	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.74	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-51.49	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.1	-20	Pass

Test Graphs

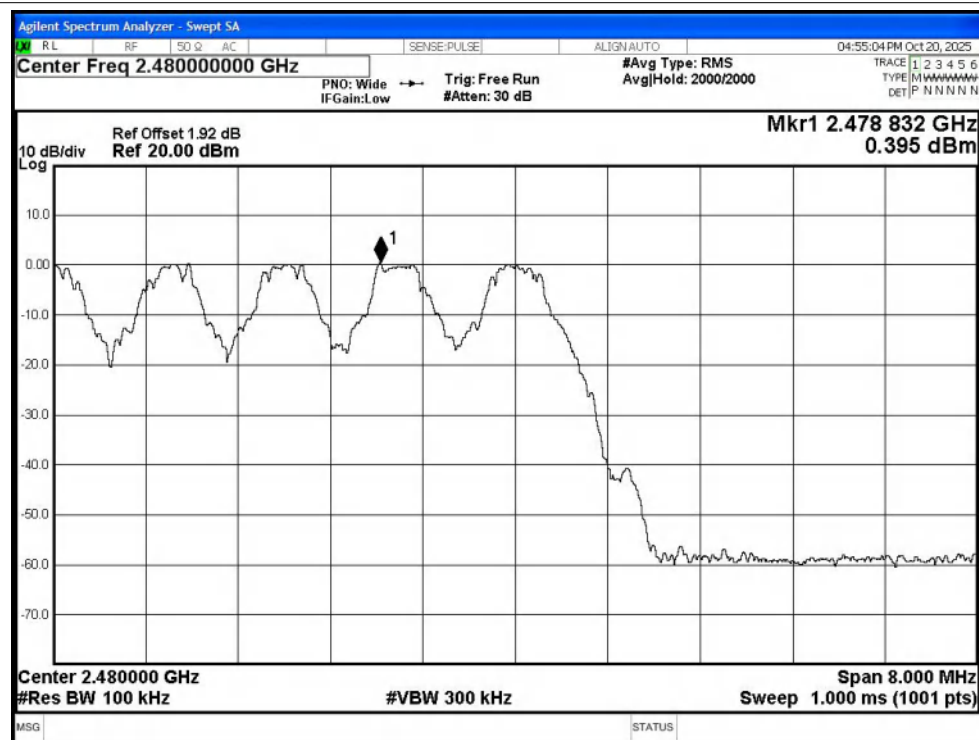
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



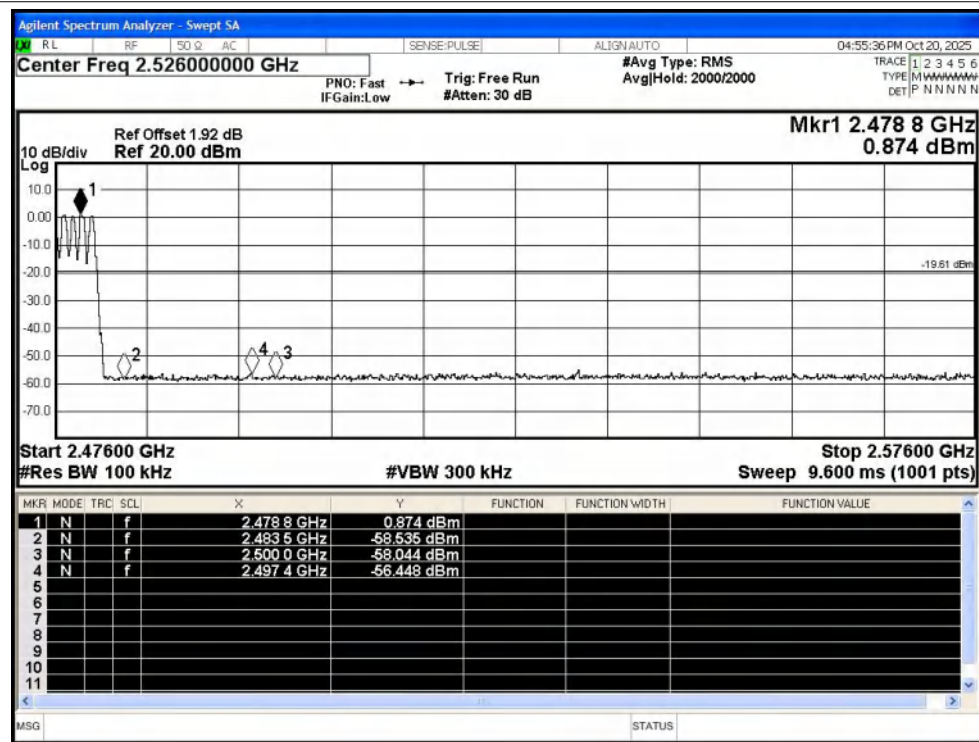
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



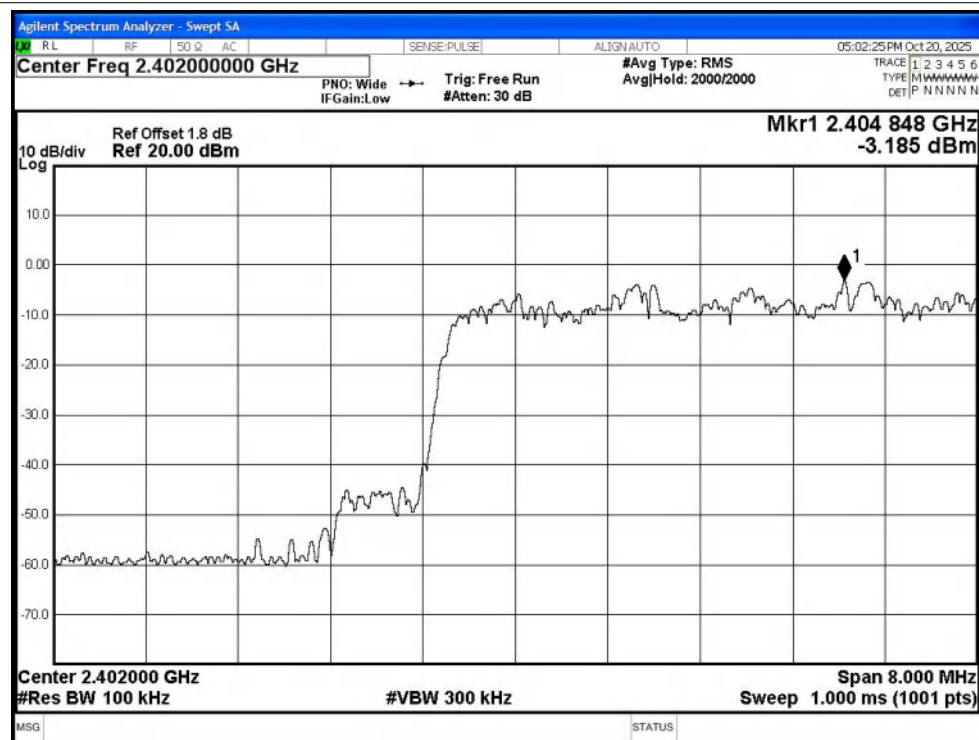
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



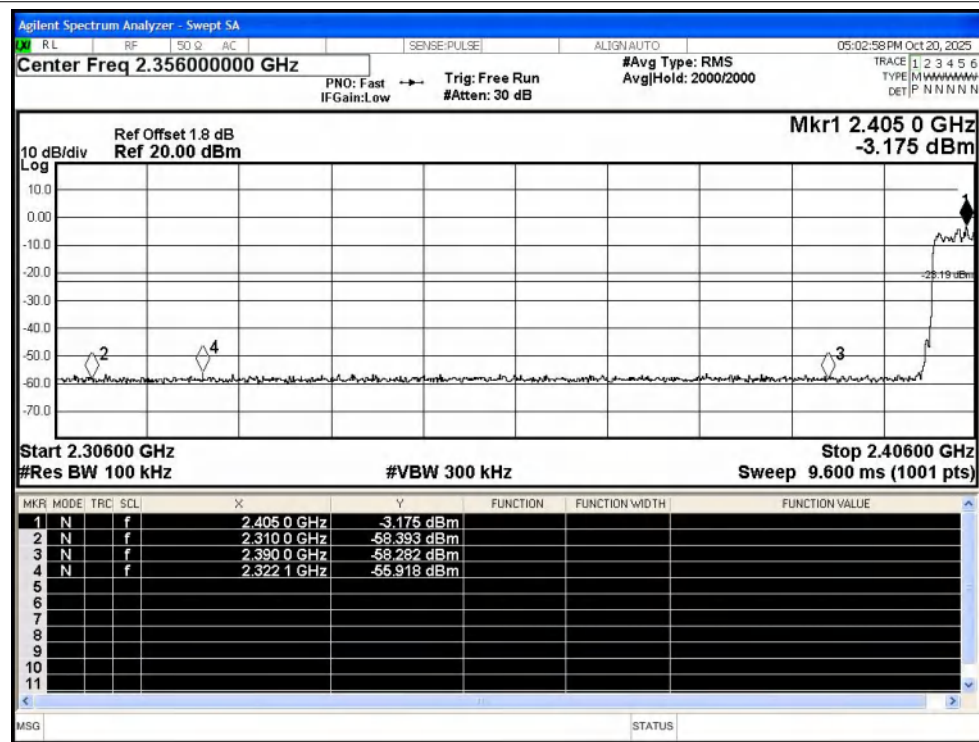
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



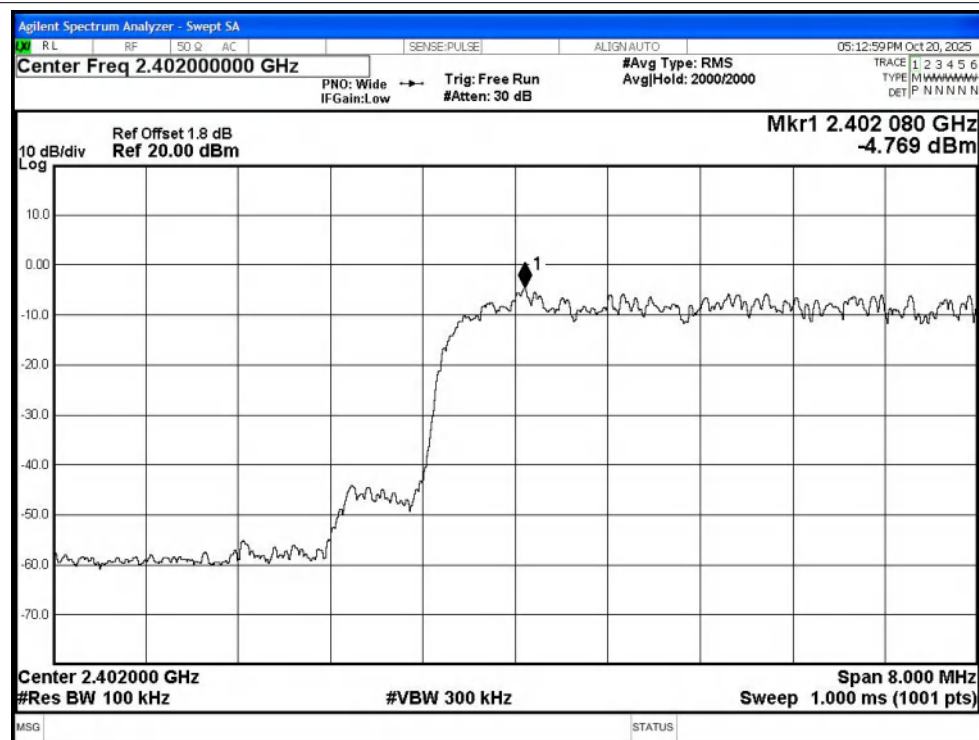
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



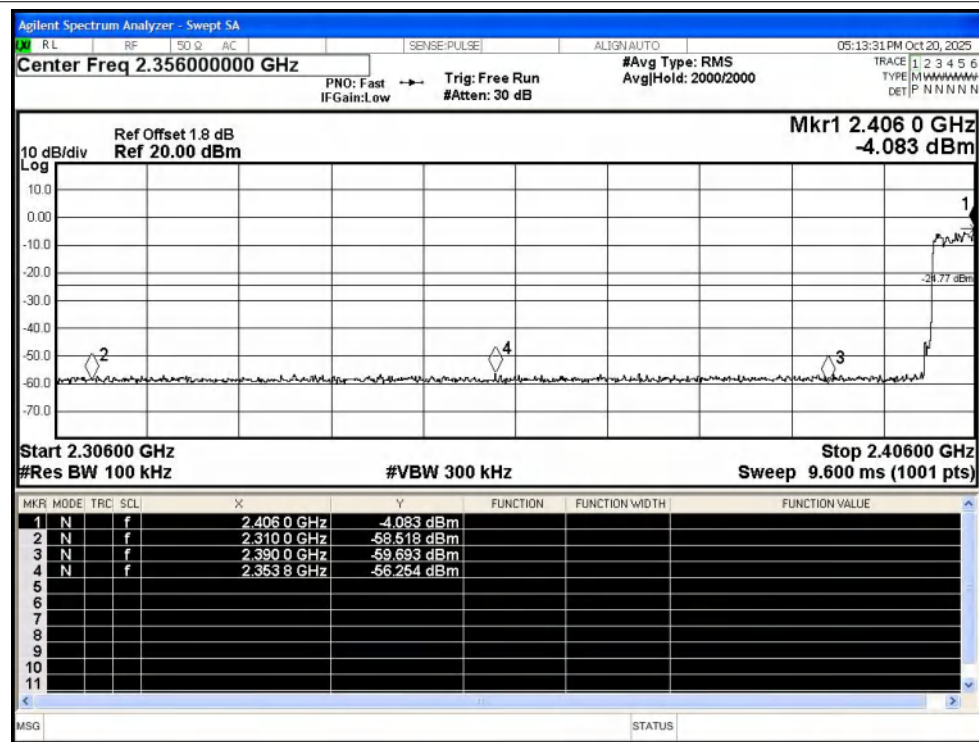
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



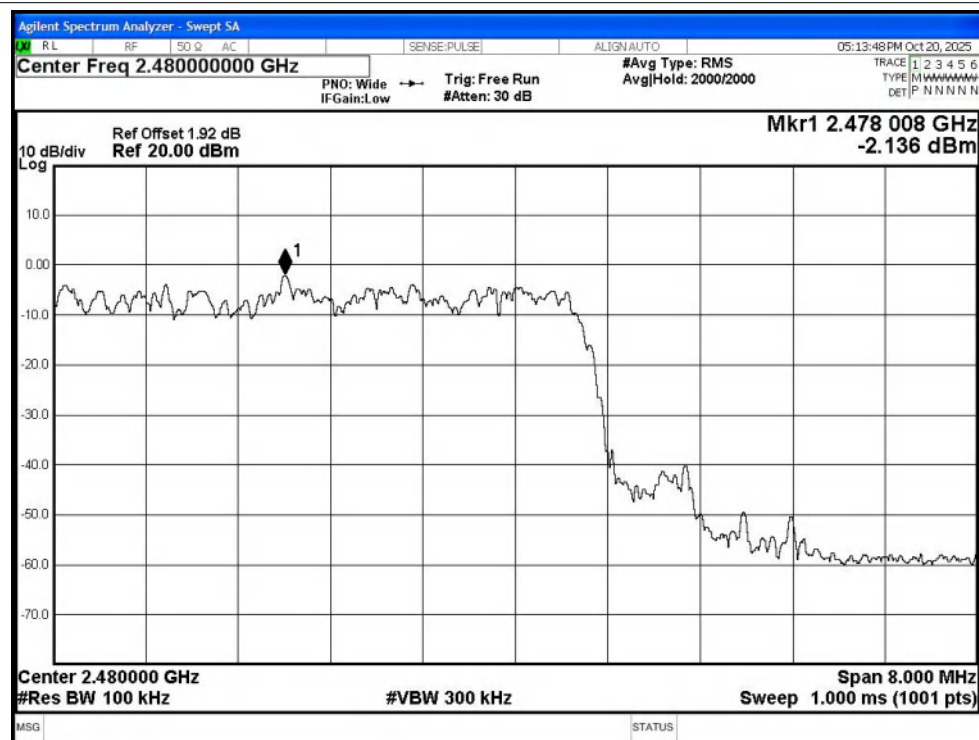
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



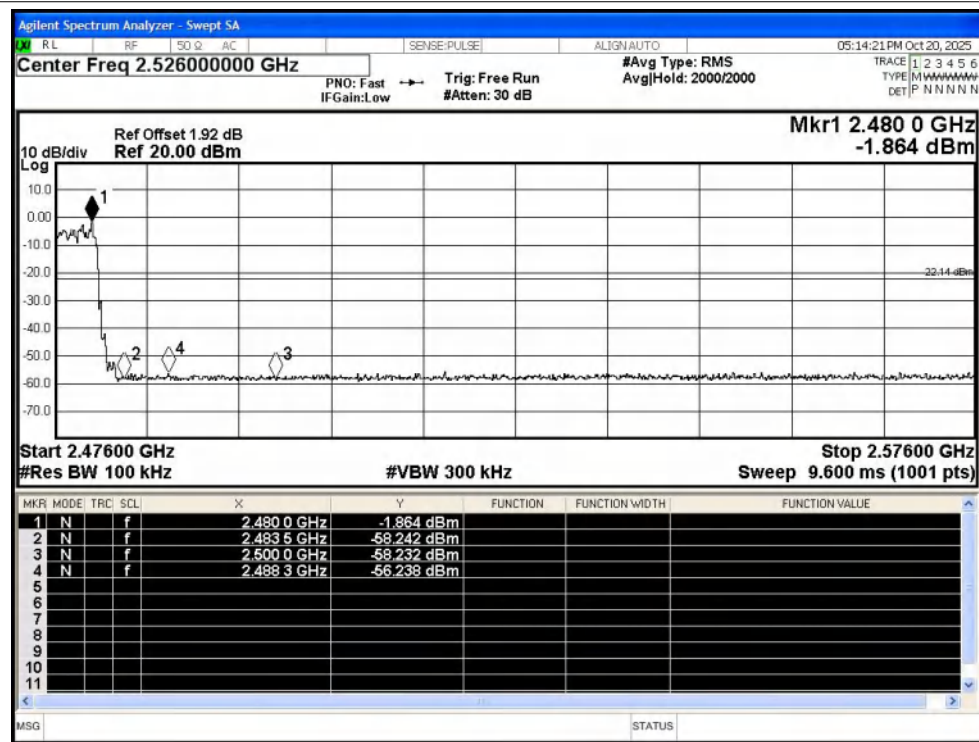
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

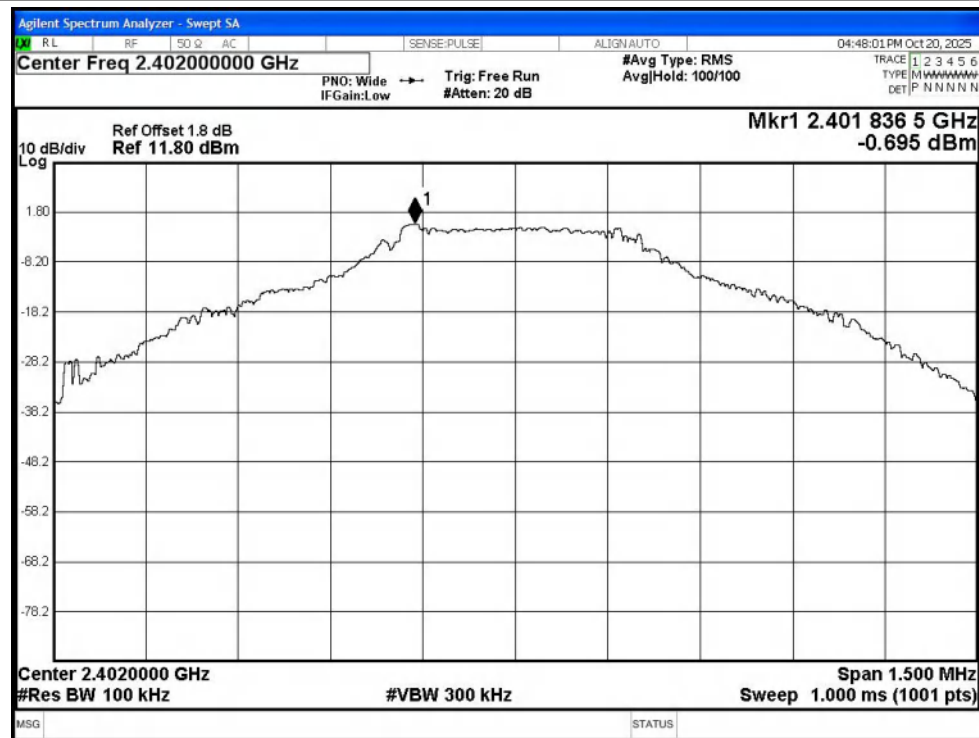


7 Conducted RF Spurious Emission

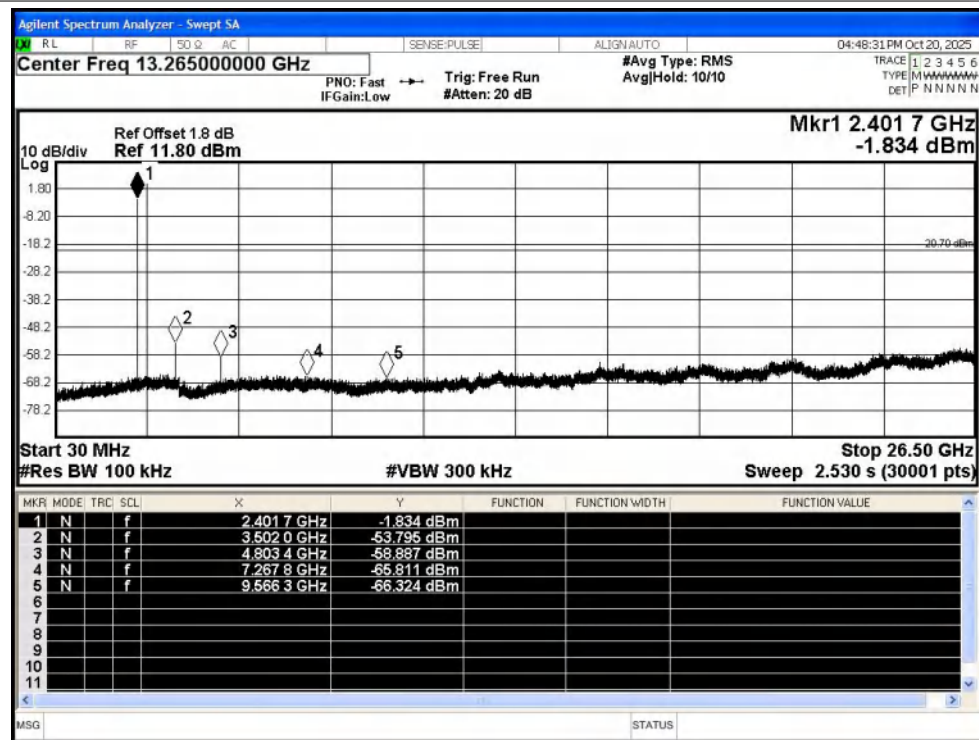
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-53.1	-20	Pass
NVNT	1-DH5	2441	Ant1	-56.5	-20	Pass
NVNT	1-DH5	2480	Ant1	-56.48	-20	Pass
NVNT	2-DH5	2402	Ant1	-53.26	-20	Pass
NVNT	2-DH5	2441	Ant1	-54.67	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.33	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.04	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.83	-20	Pass
NVNT	3-DH5	2480	Ant1	-53.65	-20	Pass

Test Graphs

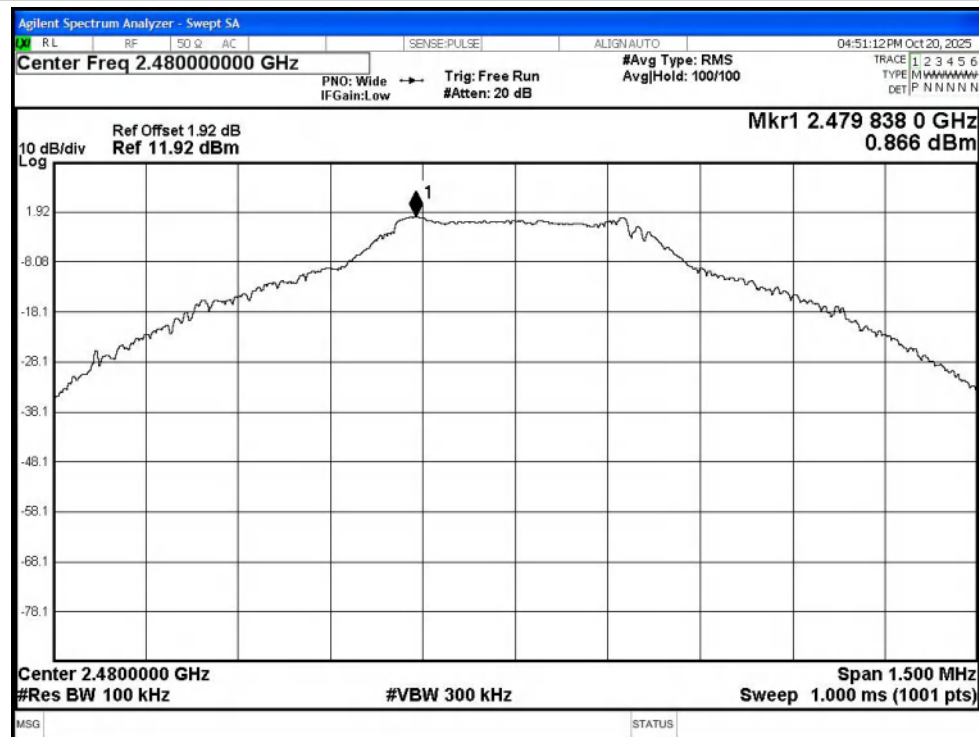
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



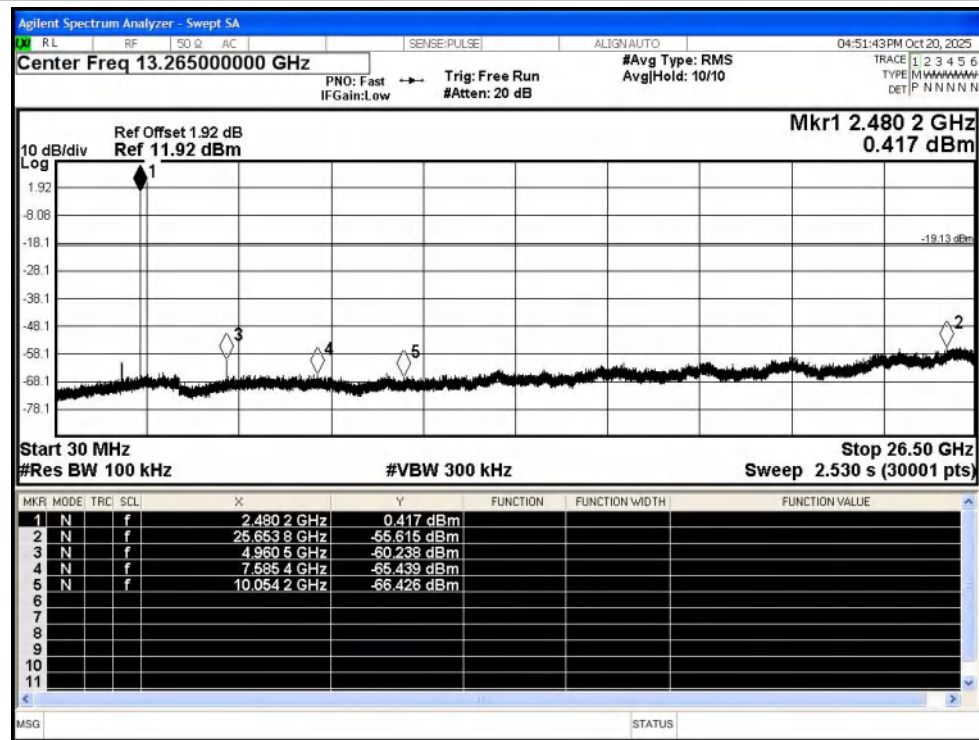
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



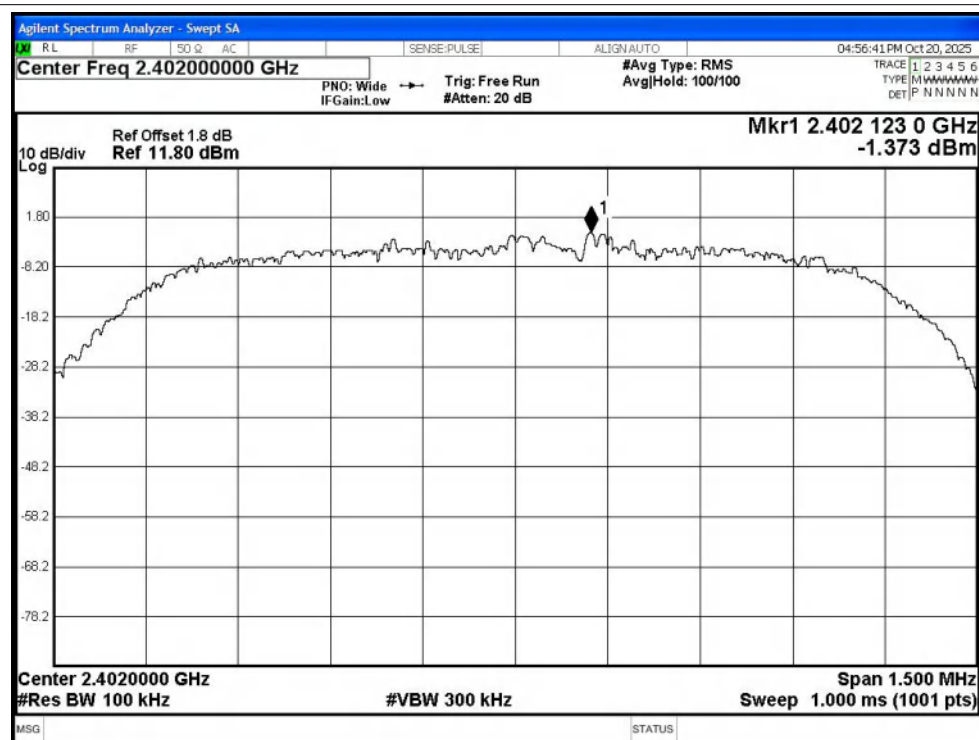
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



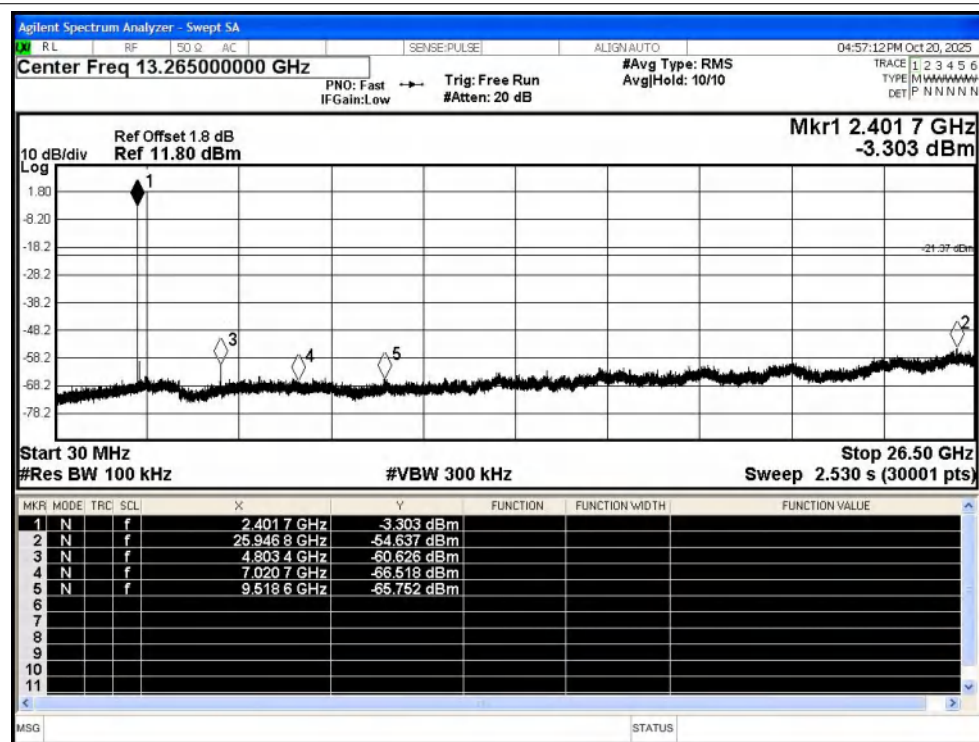
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



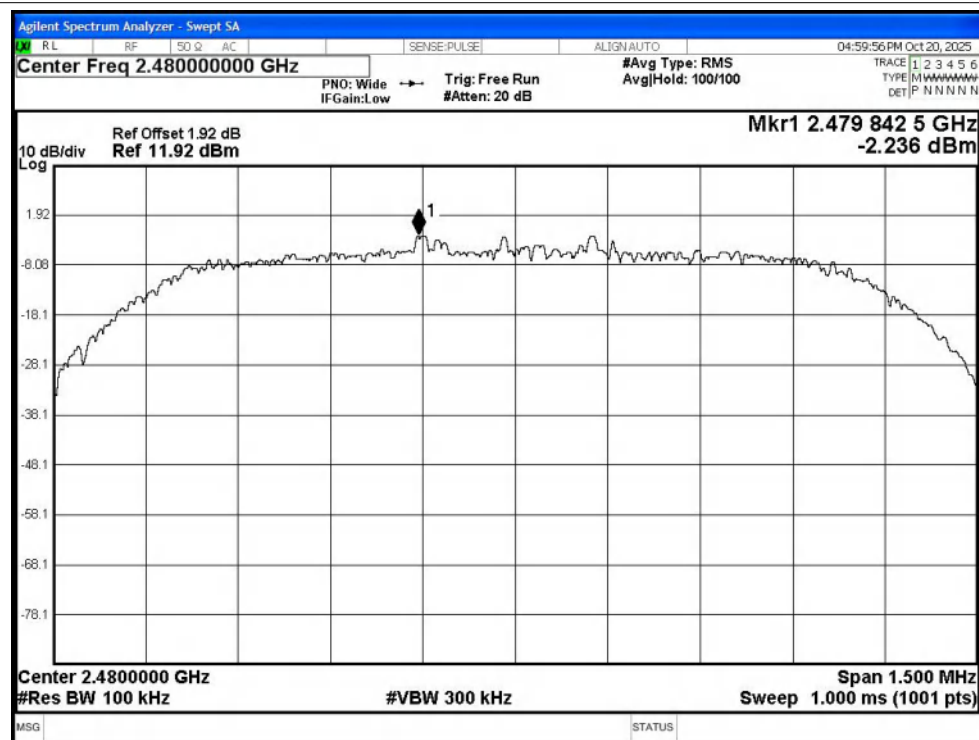
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



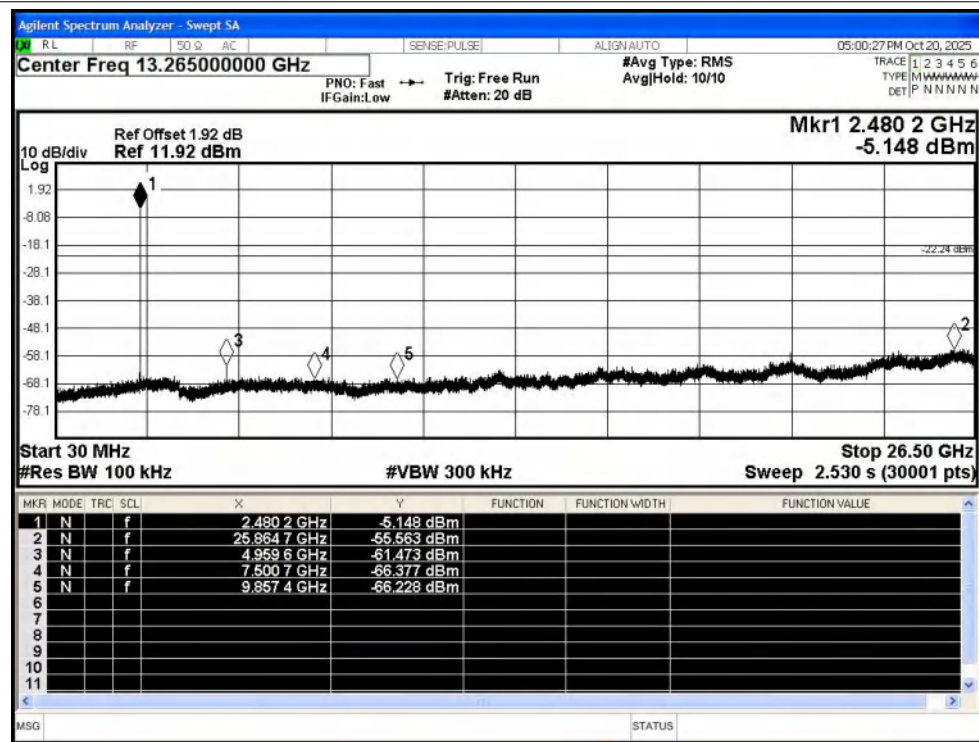
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



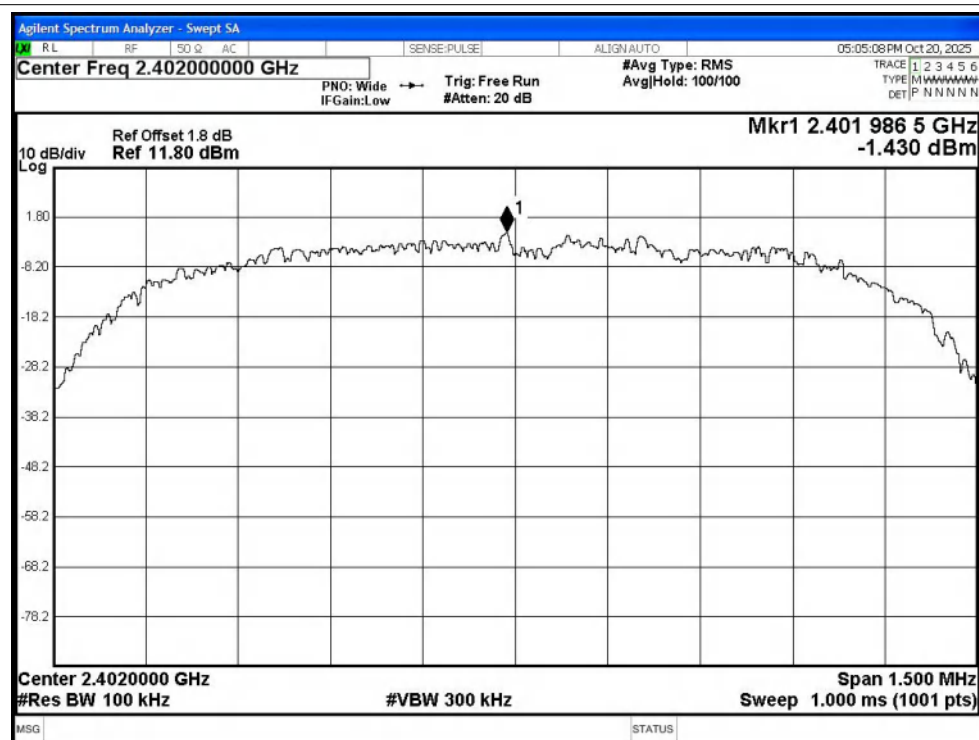
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



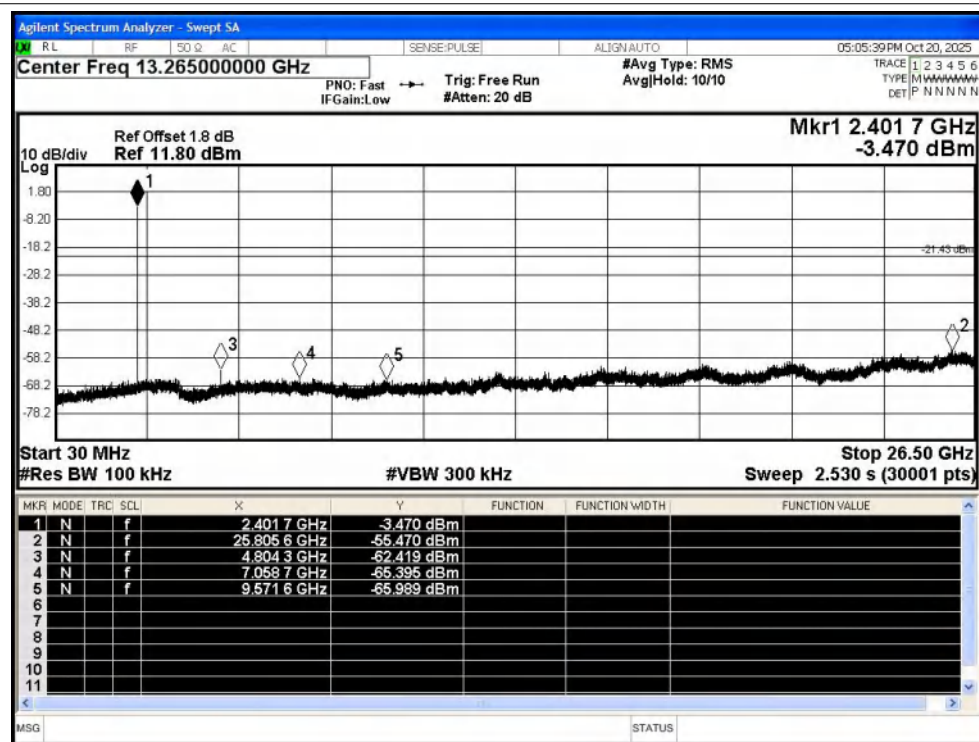
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



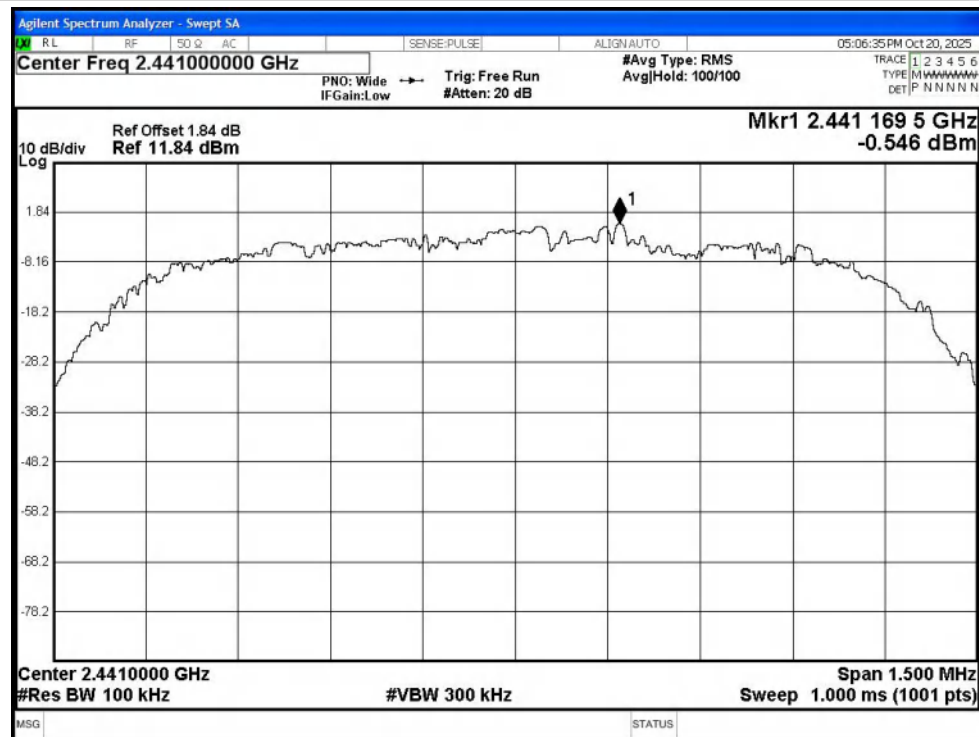
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



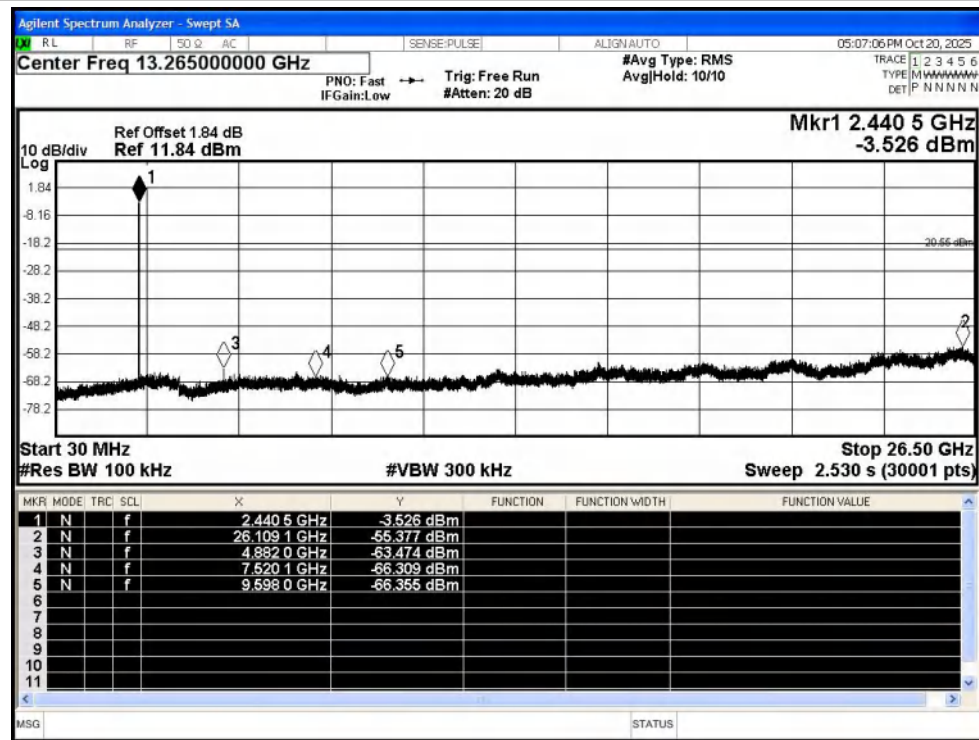
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



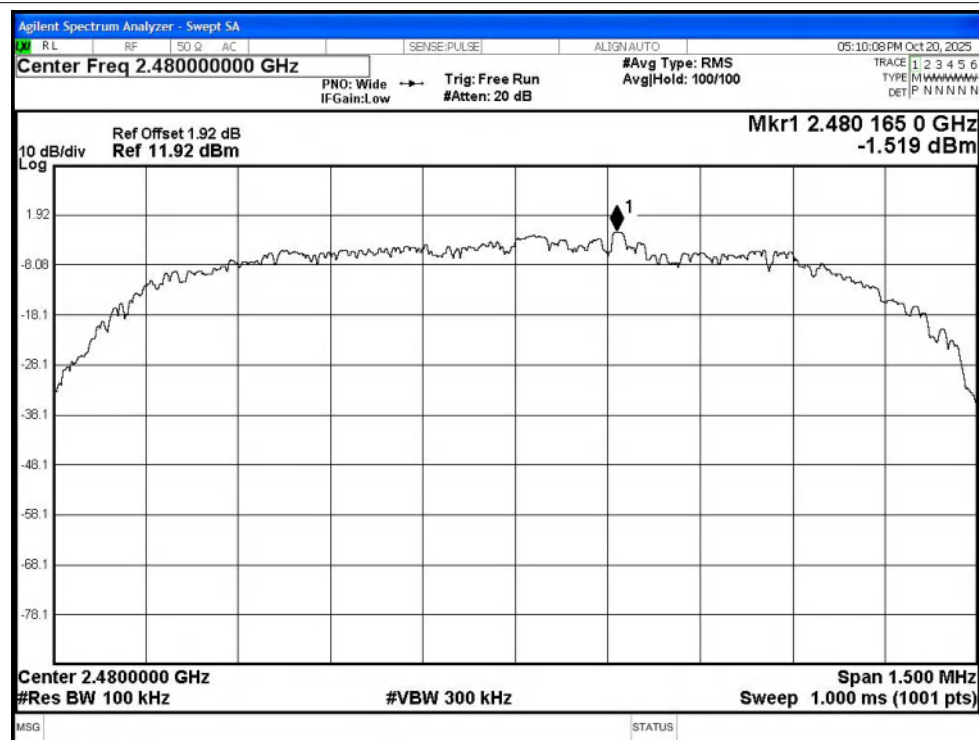
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



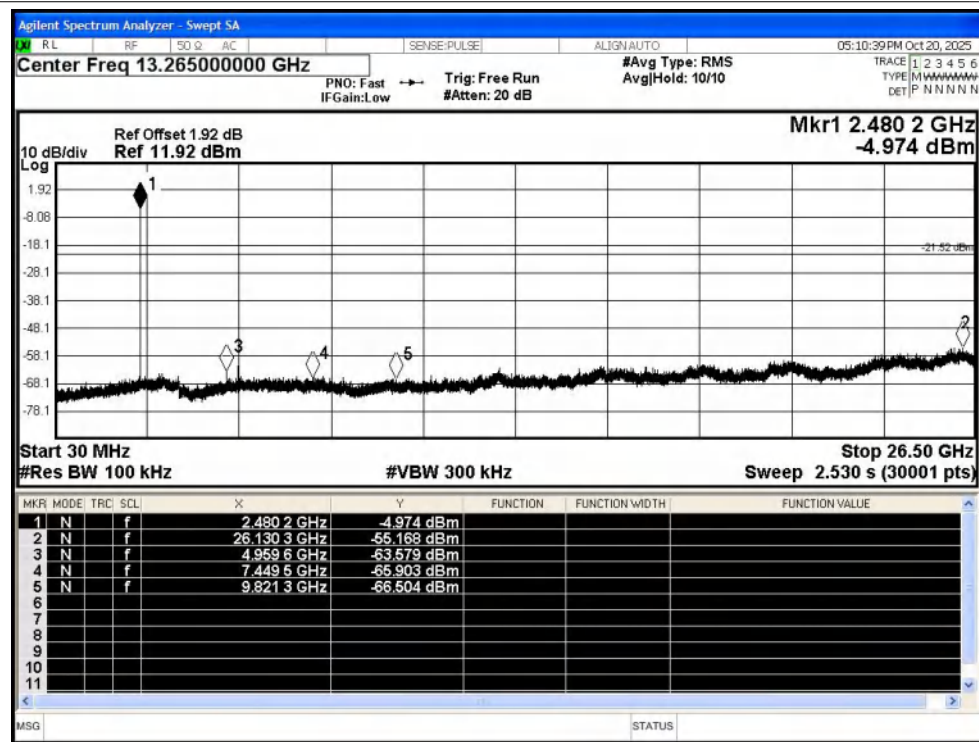
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



8 Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.63	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.33	1.12	0.34
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35

Agilent Spectrum Analyzer - Swept SA

R L F 50 Ω AC SENSE-PULSE ALIGN AUTO 04:49:14 PM Oct 20, 2025

Center Freq 2.441000000 GHz

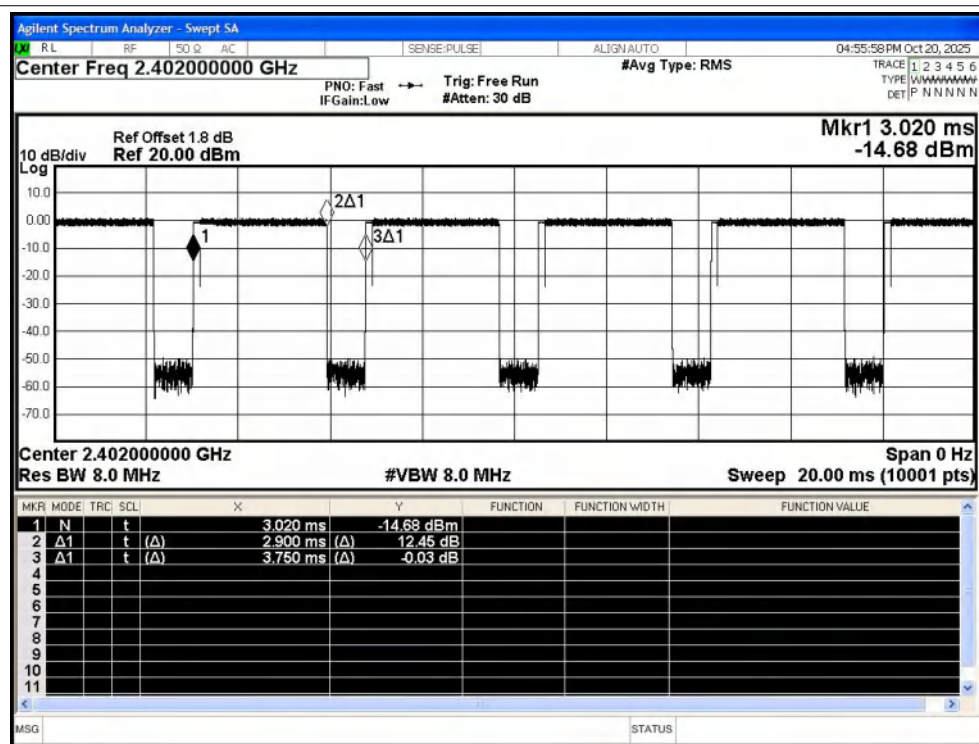
PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS

Ref Offset 1.84 dB Ref 20.00 dBm Mkr1 1.082 ms -4.62 dBm

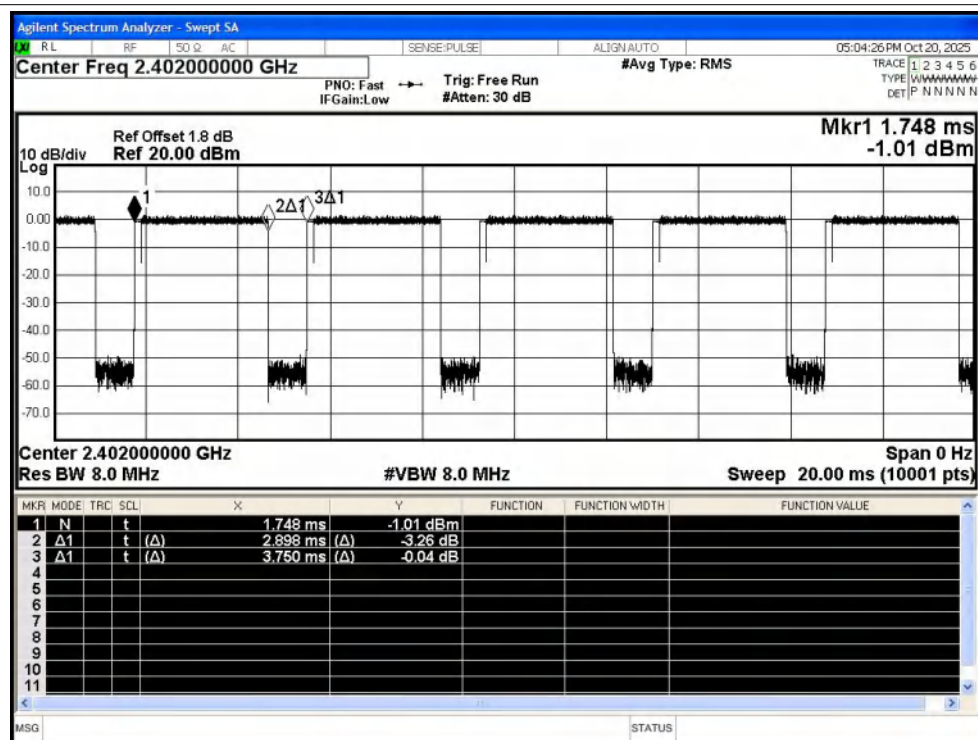
10 dB/div Log

Center 2.441000000 GHz Res BW 8.0 MHz #VBW 8.0 MHz Span 0 Hz Sweep 10.00 ms (10001 pts)

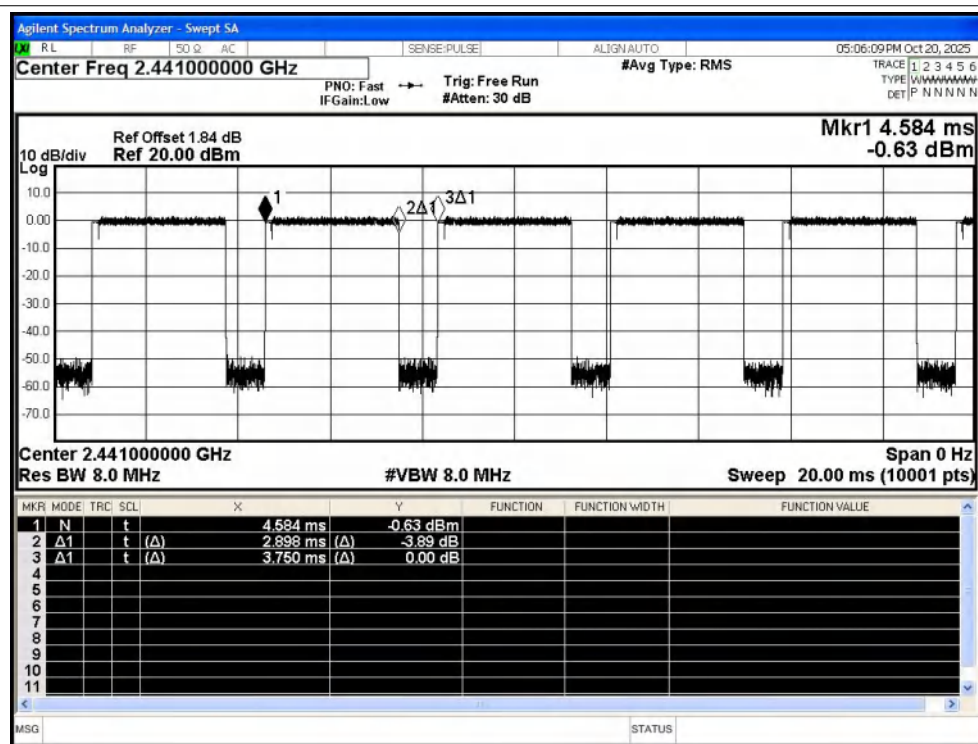
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		t	1.082 ms	-4.62 dBm			
2	Δ1		t (Δ)	2.910 ms (Δ)	3.87 dB			
3	Δ1		t (Δ)	3.750 ms (Δ)	0.01 dB			



Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



9 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-49.98	5.78	-	51.06	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-59.28	5.78	1.1	42.86	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2354.928	-48.2	5.78	-	52.84	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2362.128	-57.81	5.78	1.1	44.33	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.37	5.78	-	51.67	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.5	5.78	1.1	43.64	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-48.49	5.78	-	52.55	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-57.82	5.78	1.1	44.32	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2485.384	-43.95	5.78	-	57.09	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.328	-57.13	5.78	1.1	45.01	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.52	5.78	-	51.52	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-58.24	5.78	1.1	43.90	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-51.07	5.78	-	49.97	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.45	5.78	1.12	43.71	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2355.888	-47.05	5.78	-	53.99	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2385.456	-57.72	5.78	1.12	44.44	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.09	5.78	-	50.95	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.5	5.78	1.12	43.66	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-47.56	5.78	-	53.48	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.47	5.78	1.12	44.69	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.608	-44.55	5.78	-	56.49	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2499.064	-57.2	5.78	1.12	44.96	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-48.43	5.78	-	52.61	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.89	5.78	1.12	44.27	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-51.45	5.78	-	49.59	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.63	5.78	1.12	43.53	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2360.208	-47.27	5.78	-	53.77	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2389.968	-57.95	5.78	1.12	44.21	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-51.12	5.78	-	49.92	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.95	5.78	1.12	44.21	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.45	5.78	-	51.59	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.24	5.78	1.12	44.92	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.584	-46.83	5.78	-	54.21	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.584	-57.17	5.78	1.12	44.99	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.79	5.78	-	51.25	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-58.32	5.78	1.12	43.84	Average	54	Pass

Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak

