



Dwell NVNT 3-DH5 2441MHz One Burst



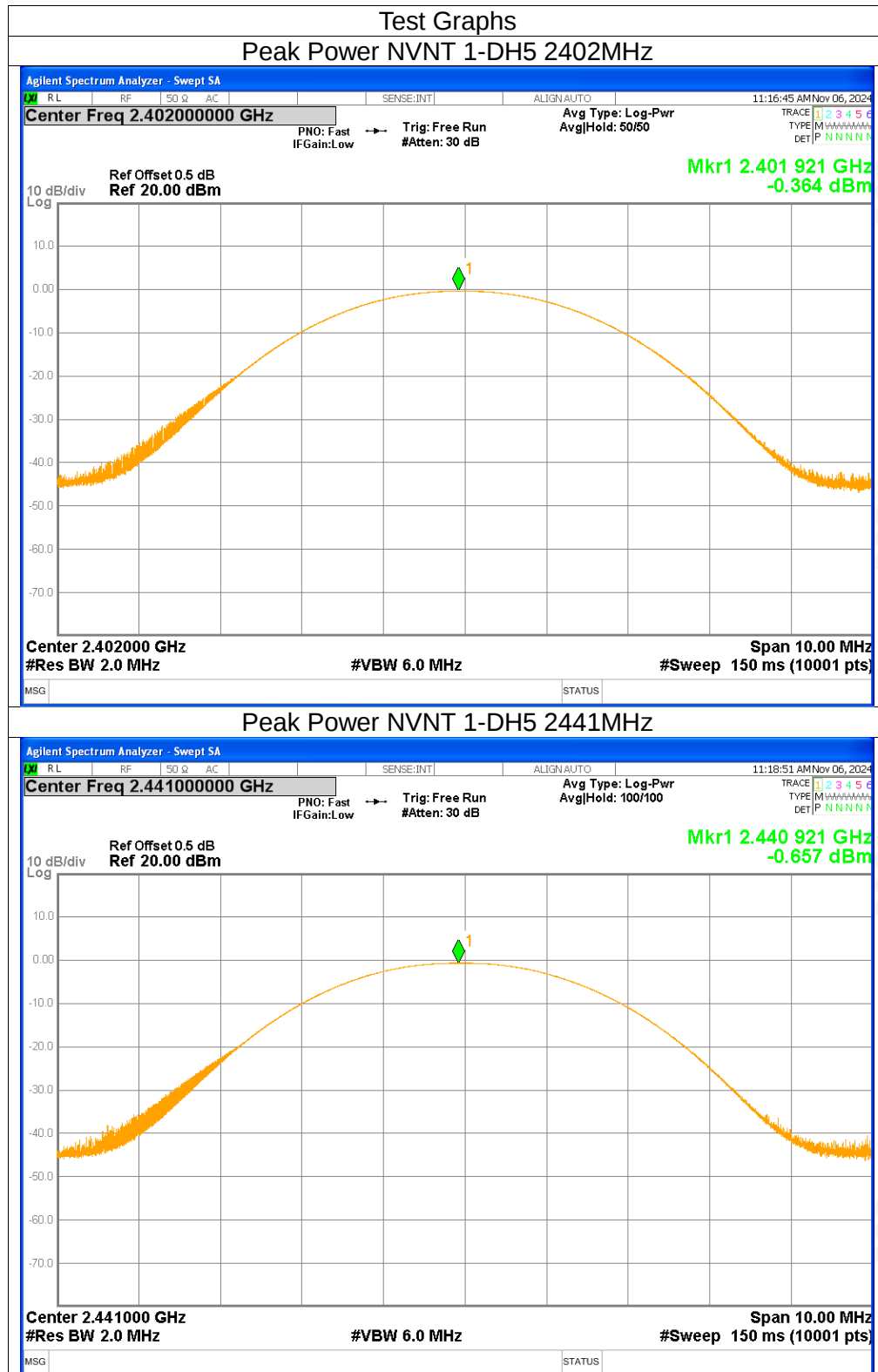
Dwell NVNT 3-DH5 2441MHz Accumulated



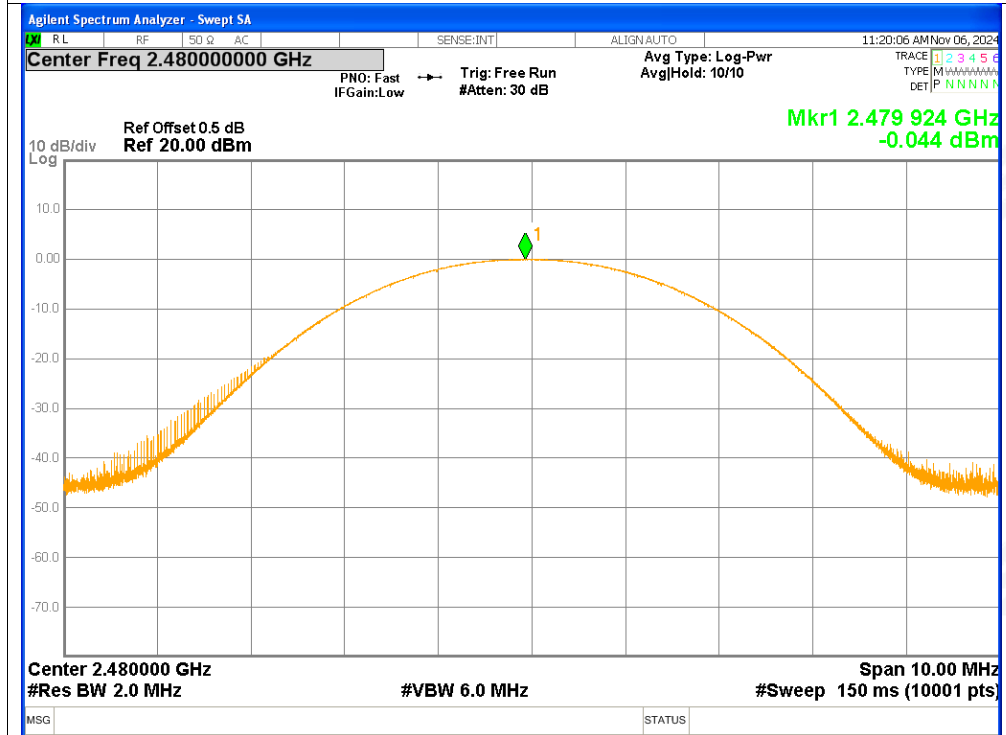


2. Maximum Peak Conducted Output Power

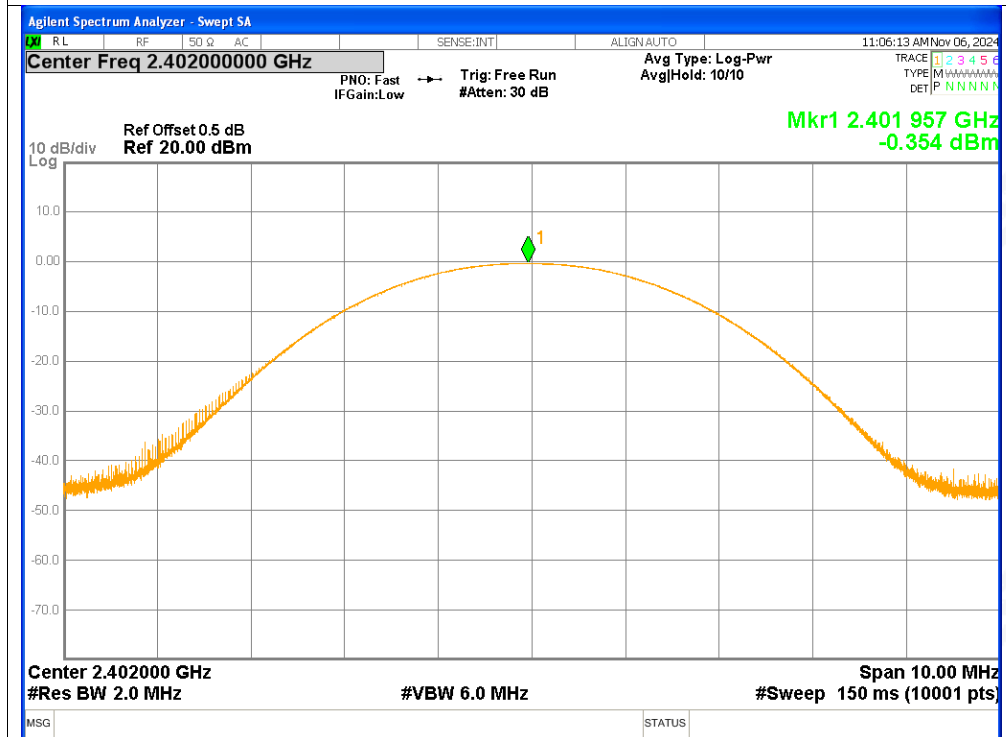
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	-0.36	≤ 20.97	Pass
NVNT	1-DH5	2441	-0.66	≤ 20.97	Pass
NVNT	1-DH5	2480	-0.04	≤ 20.97	Pass
NVNT	2-DH5	2402	-0.35	≤ 20.97	Pass
NVNT	2-DH5	2441	-0.66	≤ 20.97	Pass
NVNT	2-DH5	2480	-0.05	≤ 20.97	Pass
NVNT	3-DH5	2402	-0.16	≤ 20.97	Pass
NVNT	3-DH5	2441	-0.43	≤ 20.97	Pass
NVNT	3-DH5	2480	0.18	≤ 20.97	Pass



Peak Power NVNT 1-DH5 2480MHz

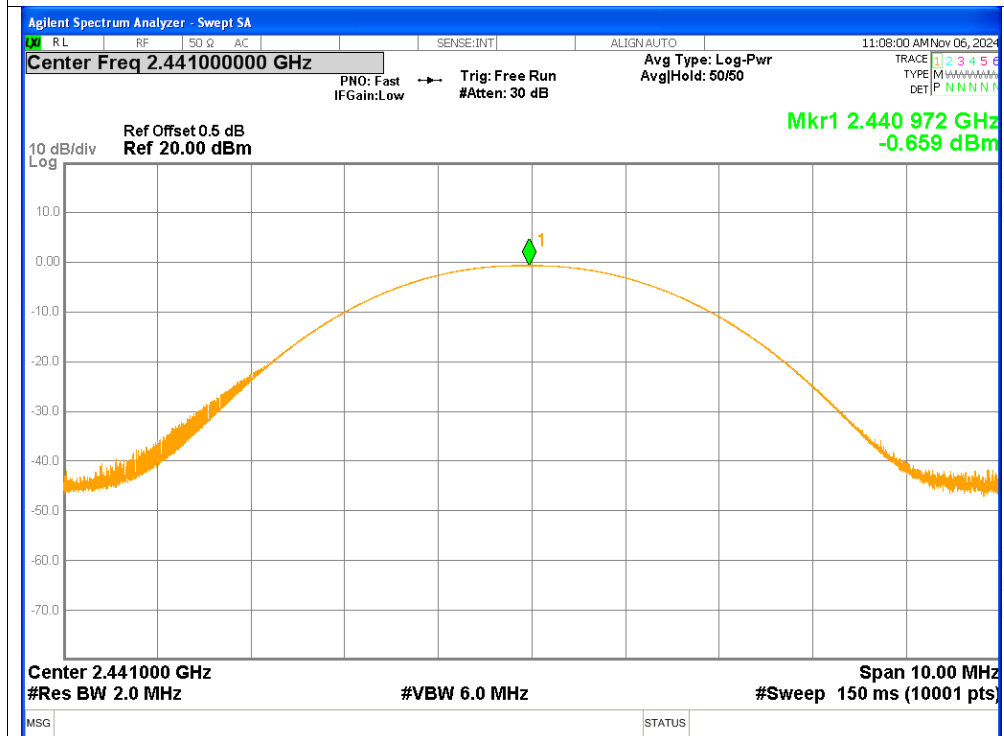


Peak Power NVNT 2-DH5 2402MHz

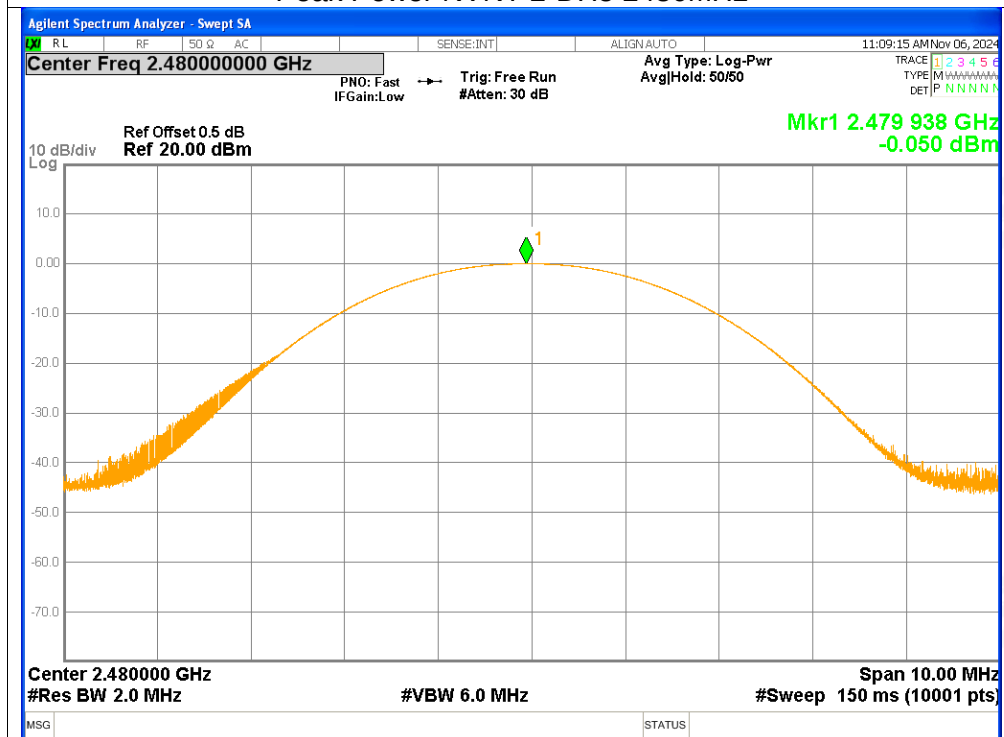




Peak Power NVNT 2-DH5 2441MHz

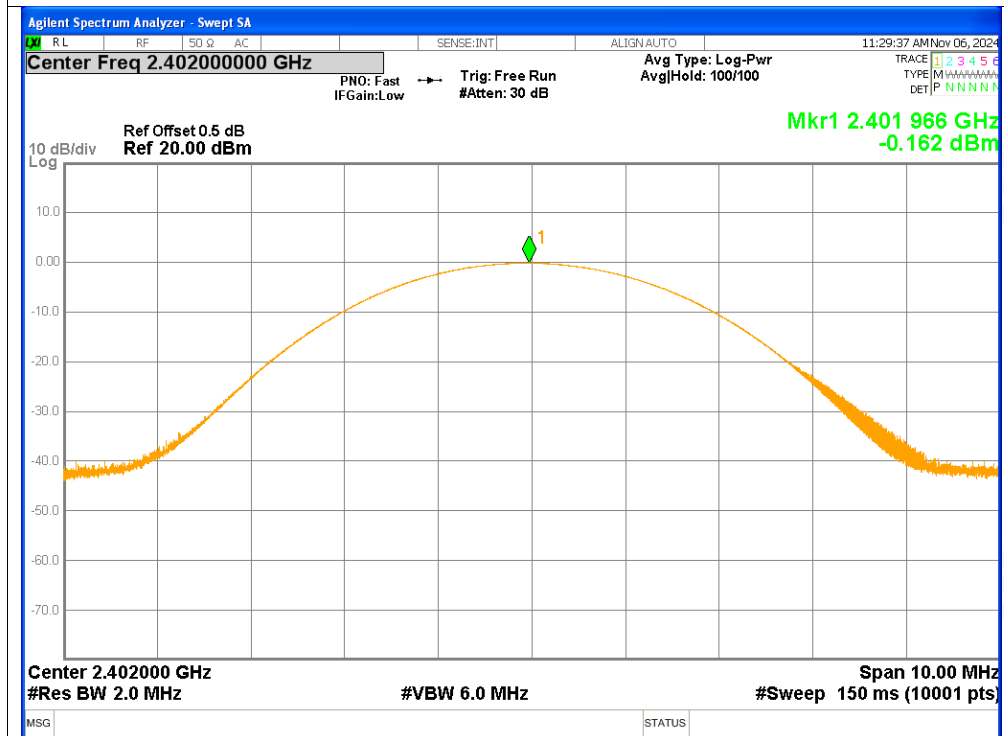


Peak Power NVNT 2-DH5 2480MHz

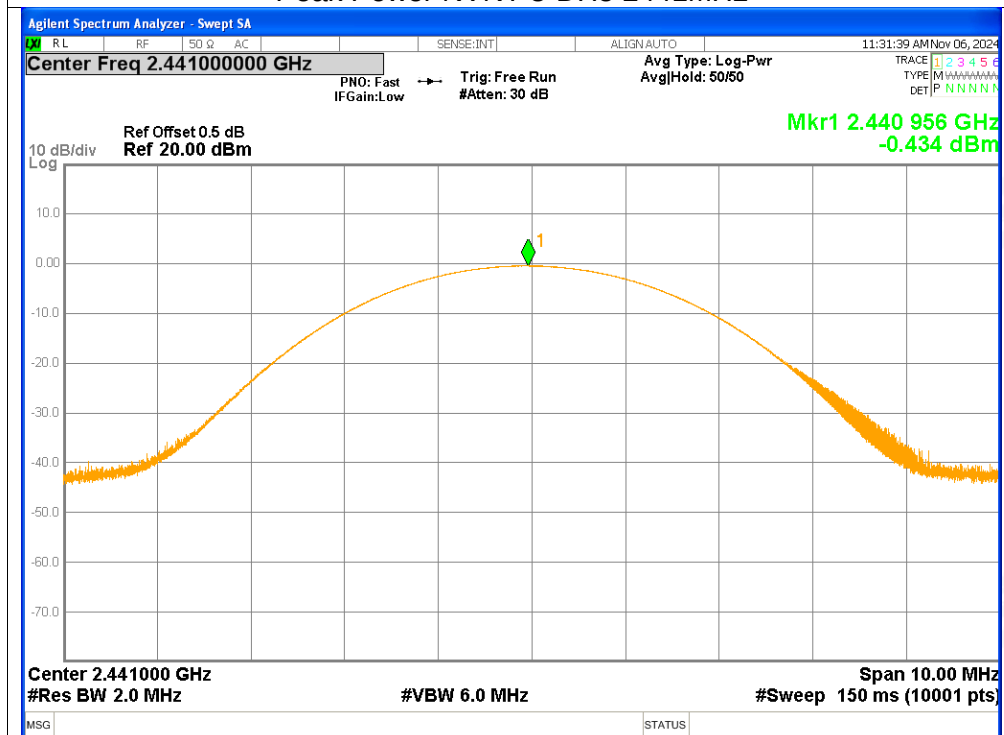


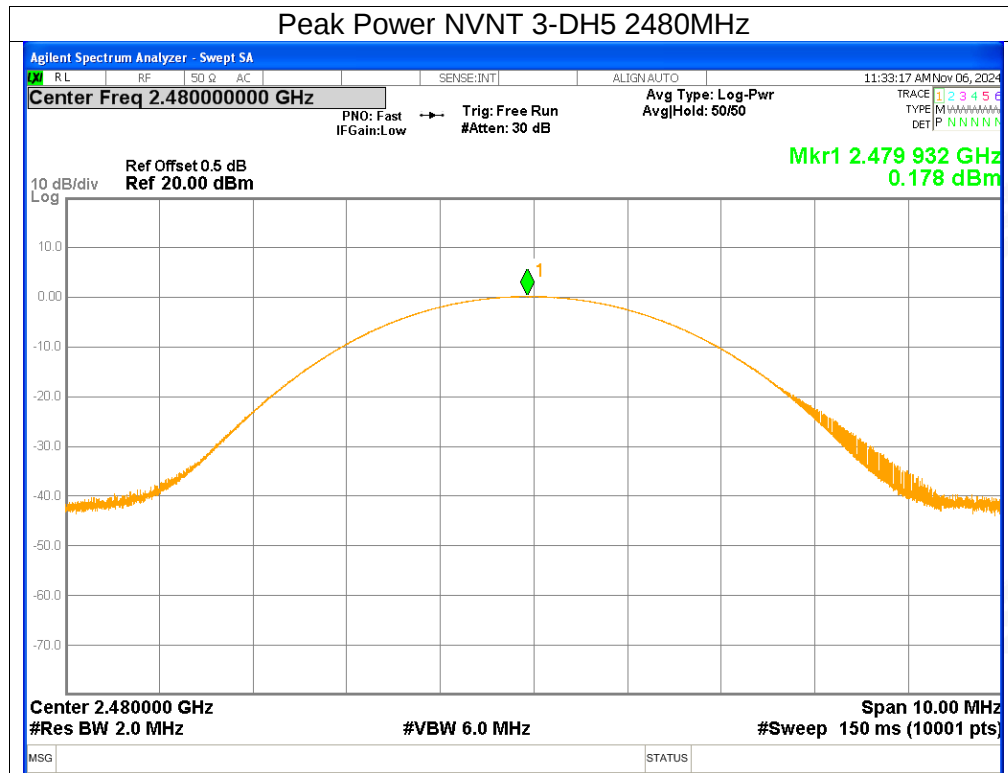


Peak Power NVNT 3-DH5 2402MHz



Peak Power NVNT 3-DH5 2441MHz







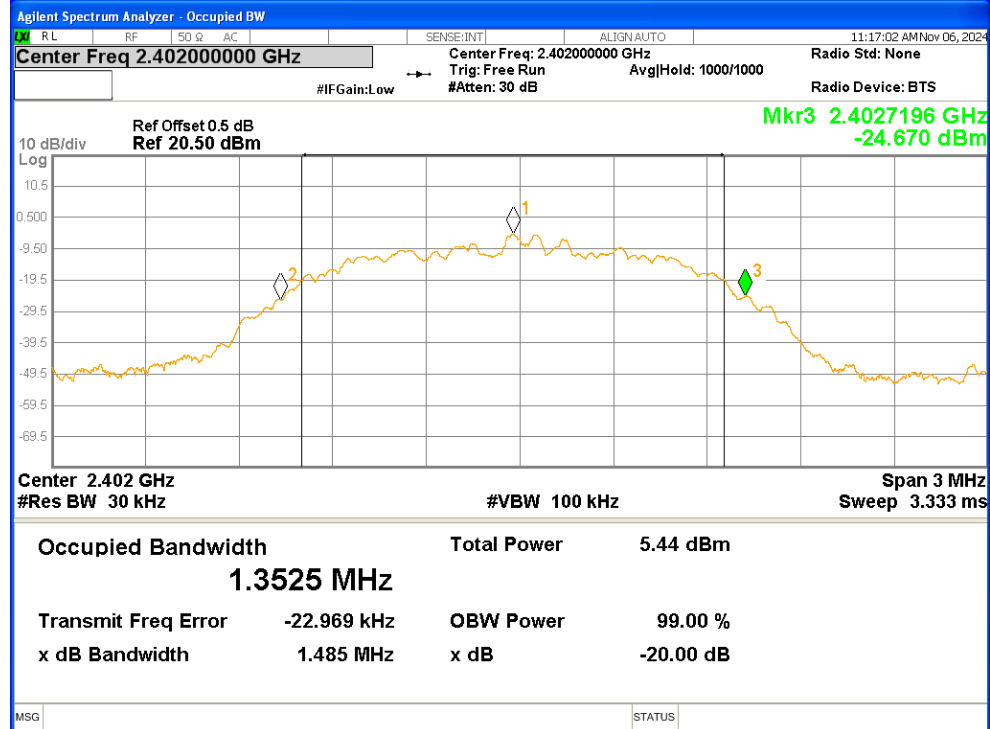
3. -20dB Bandwidth

Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	1.4851	Pass
NVNT	1-DH5	2441	1.4433	Pass
NVNT	1-DH5	2480	1.4387	Pass
NVNT	2-DH5	2402	1.4836	Pass
NVNT	2-DH5	2441	1.4413	Pass
NVNT	2-DH5	2480	1.4826	Pass
NVNT	3-DH5	2402	1.4812	Pass
NVNT	3-DH5	2441	1.484	Pass
NVNT	3-DH5	2480	1.4806	Pass

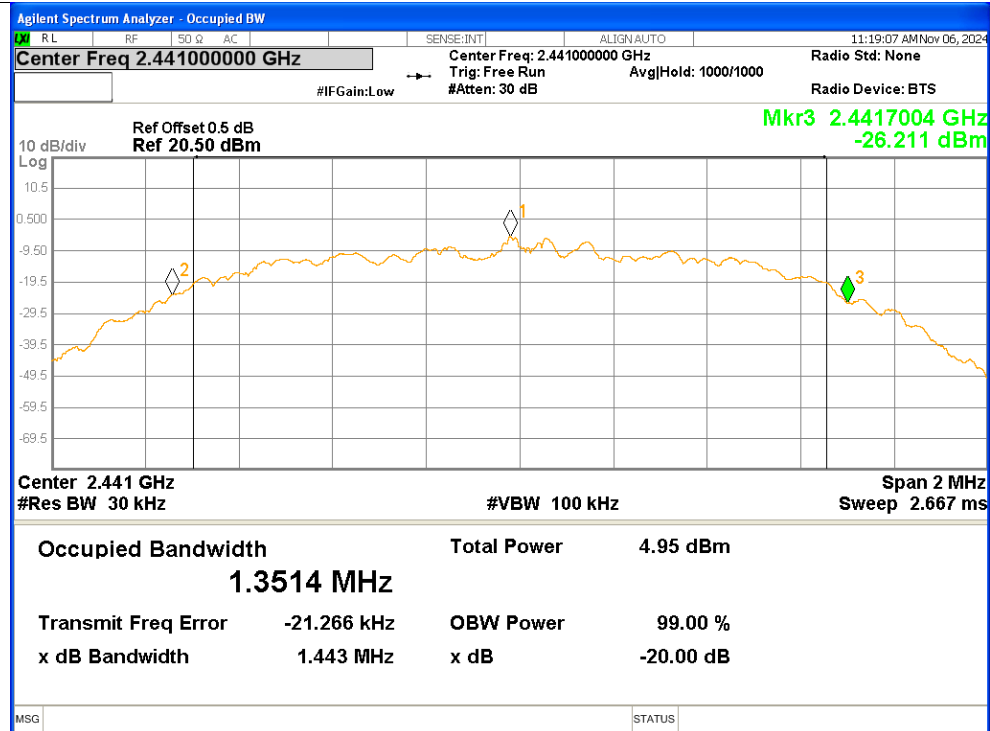


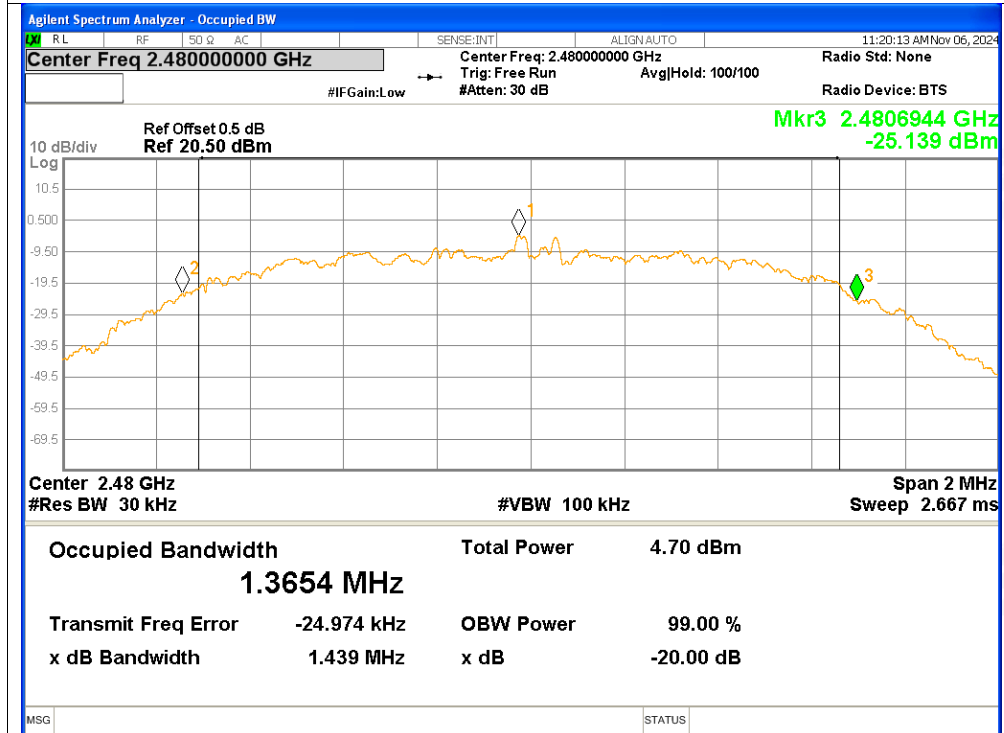
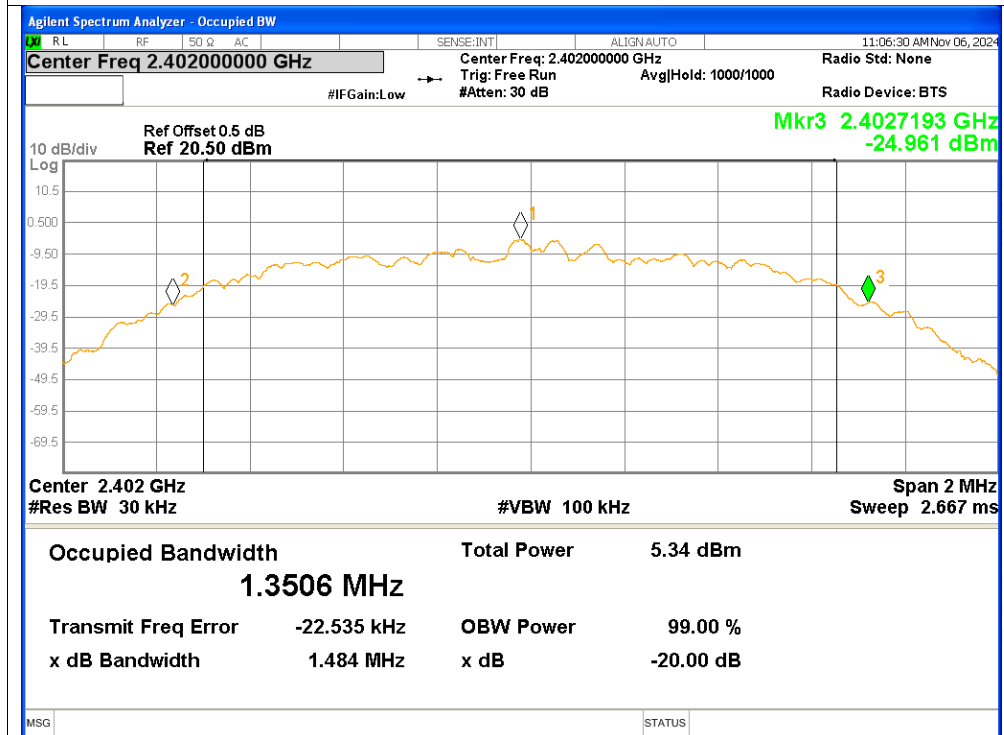
Test Graphs

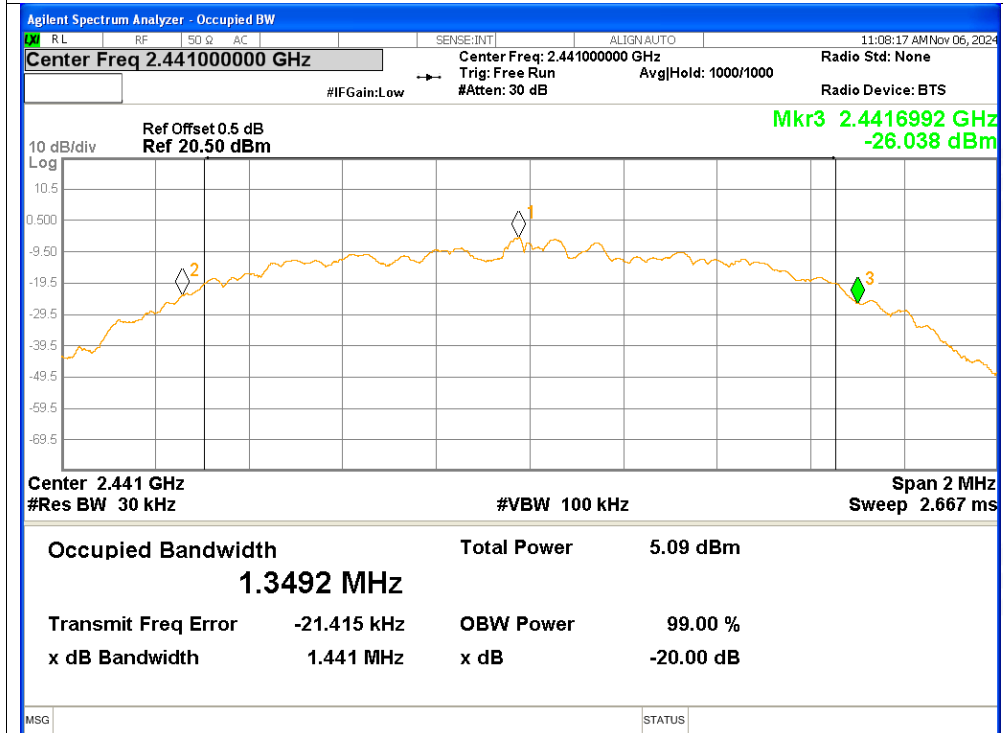
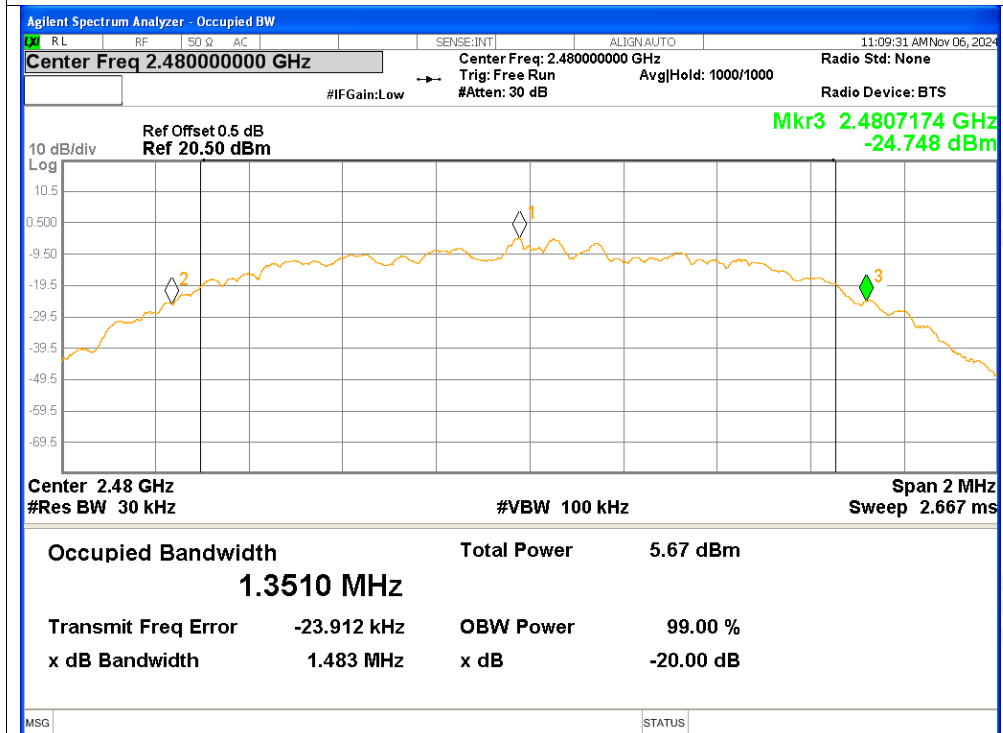
-20dB Bandwidth NVNT 1-DH5 2402MHz

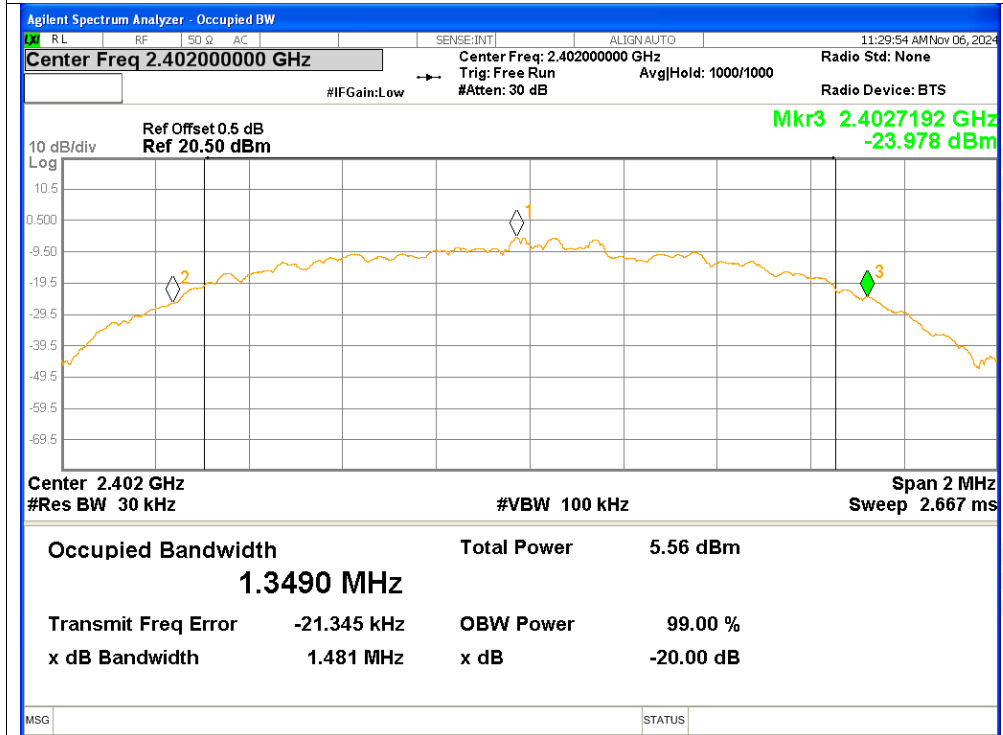
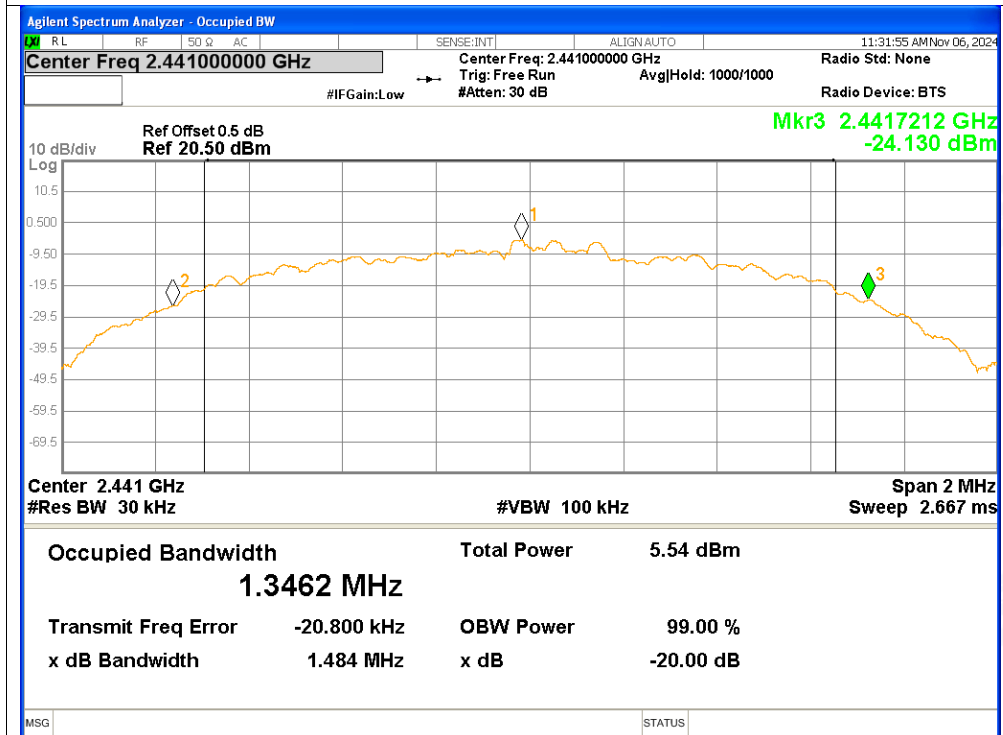


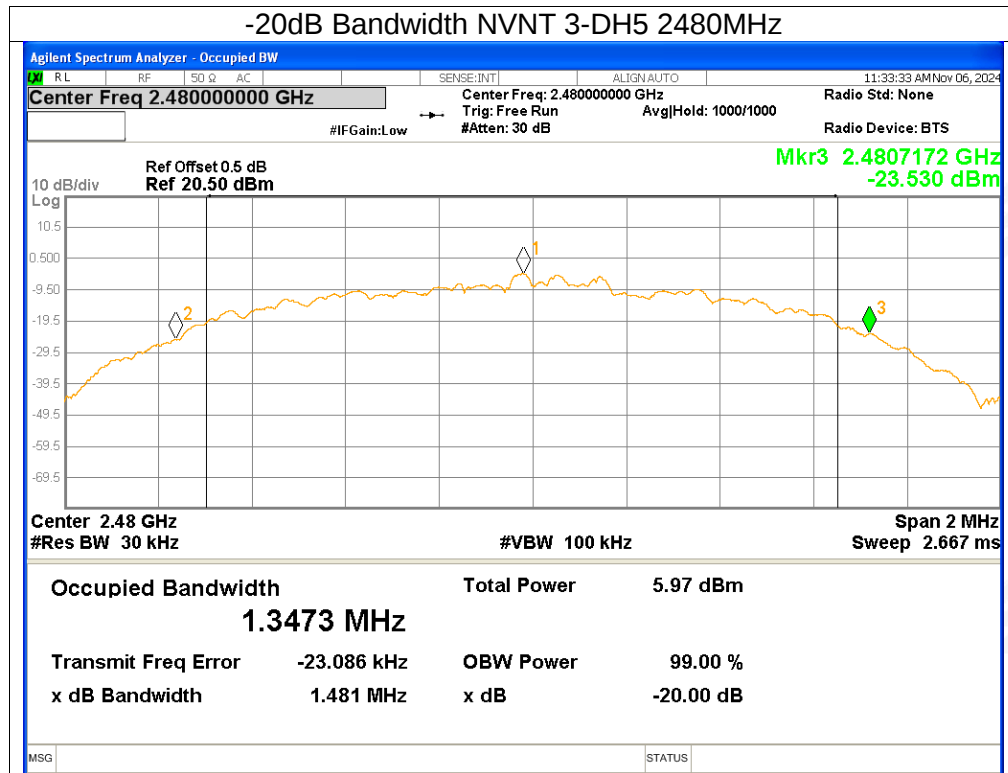
-20dB Bandwidth NVNT 1-DH5 2441MHz



**-20dB Bandwidth NVNT 1-DH5 2480MHz****-20dB Bandwidth NVNT 2-DH5 2402MHz**

**-20dB Bandwidth NVNT 2-DH5 2441MHz****-20dB Bandwidth NVNT 2-DH5 2480MHz**

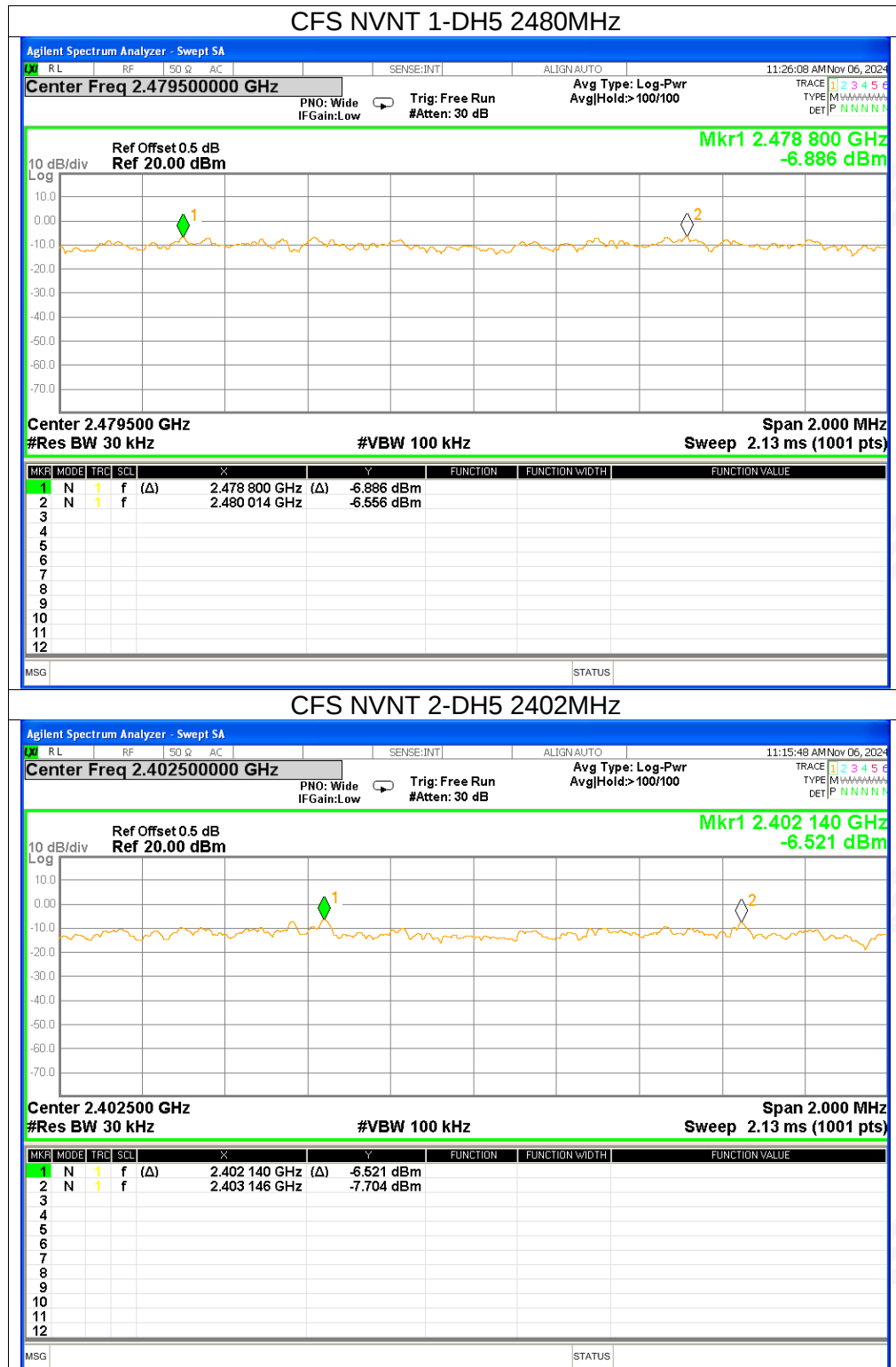
**-20dB Bandwidth NVNT 3-DH5 2402MHz****-20dB Bandwidth NVNT 3-DH5 2441MHz**





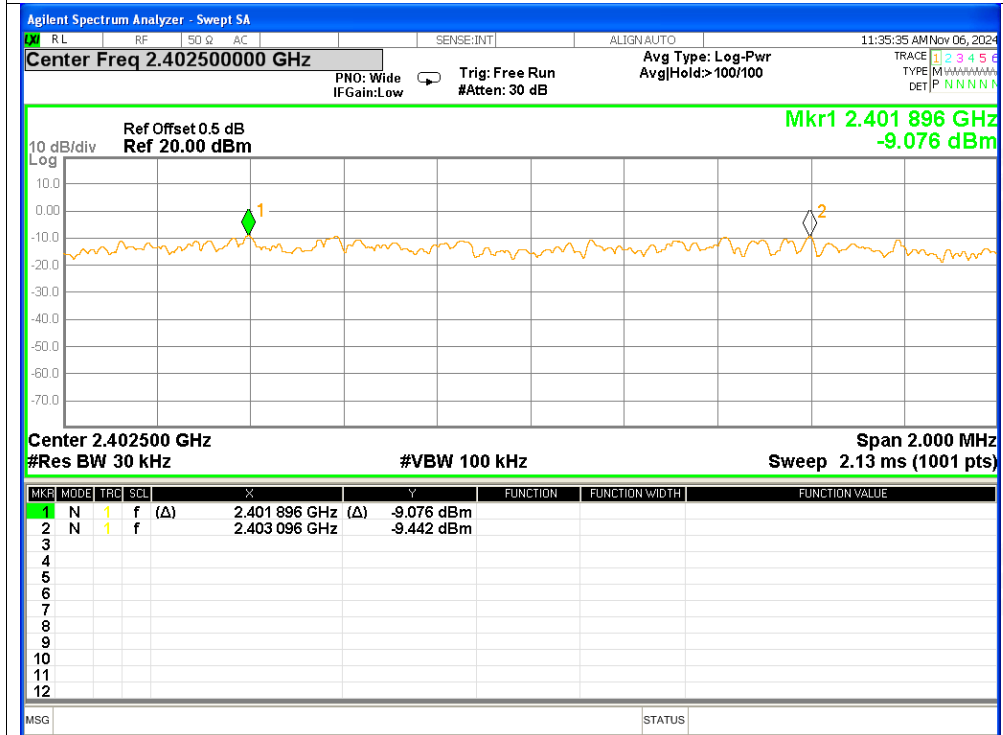
4. Carrier Frequencies Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2401.8	2402.804	1.004	≥ 0.99	Pass
NVNT	1-DH5	2440.988	2442.048	1.06	≥ 0.962	Pass
NVNT	1-DH5	2478.8	2480.014	1.214	≥ 0.959	Pass
NVNT	2-DH5	2402.14	2403.146	1.006	≥ 0.989	Pass
NVNT	2-DH5	2440.98	2441.966	0.986	≥ 0.961	Pass
NVNT	2-DH5	2478.97	2480.056	1.086	≥ 0.988	Pass
NVNT	3-DH5	2401.896	2403.096	1.2	≥ 0.987	Pass
NVNT	3-DH5	2440.988	2441.988	1	≥ 0.989	Pass
NVNT	3-DH5	2479.086	2480.154	1.068	≥ 0.987	Pass

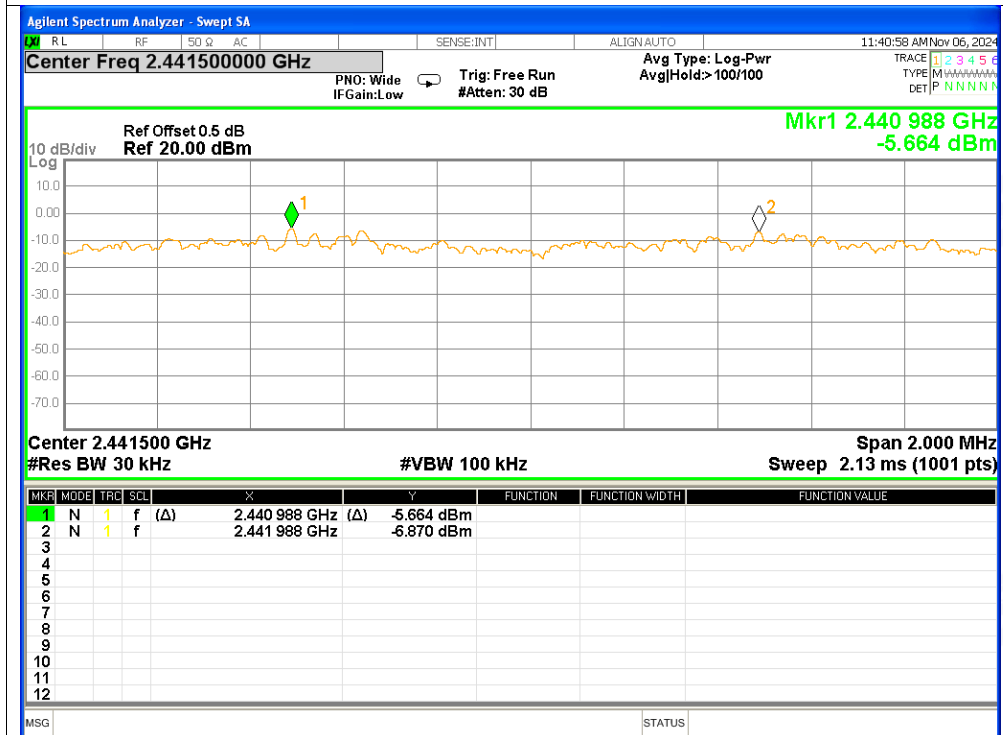


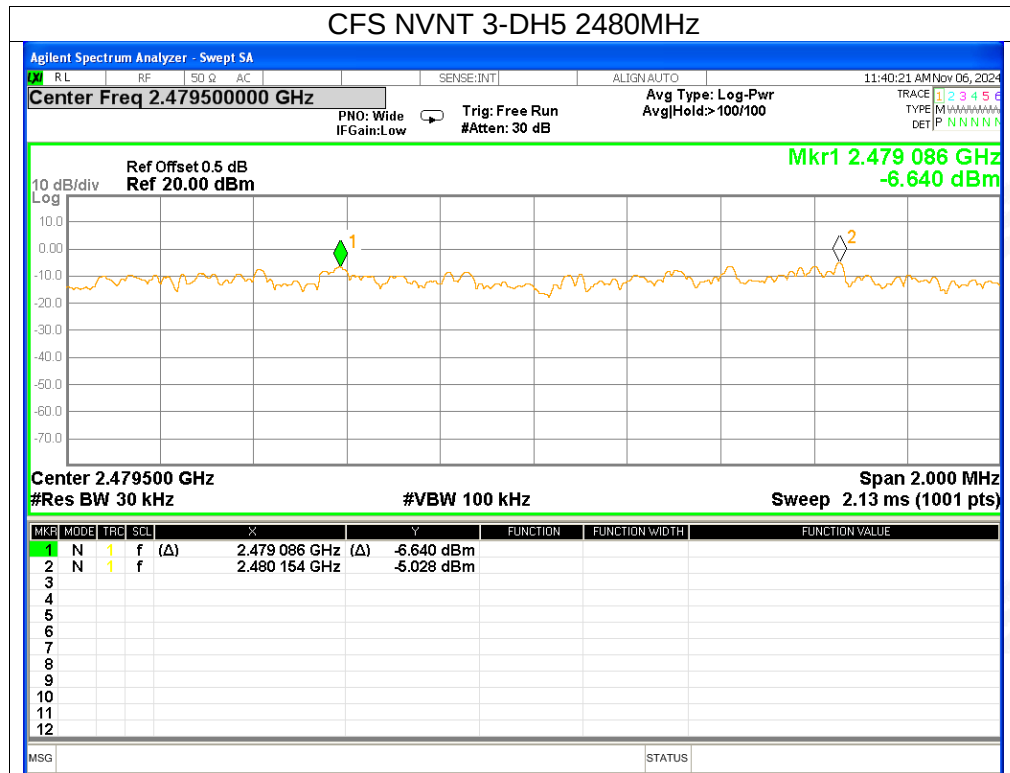


CFS NVNT 3-DH5 2402MHz



CFS NVNT 3-DH5 2441MHz







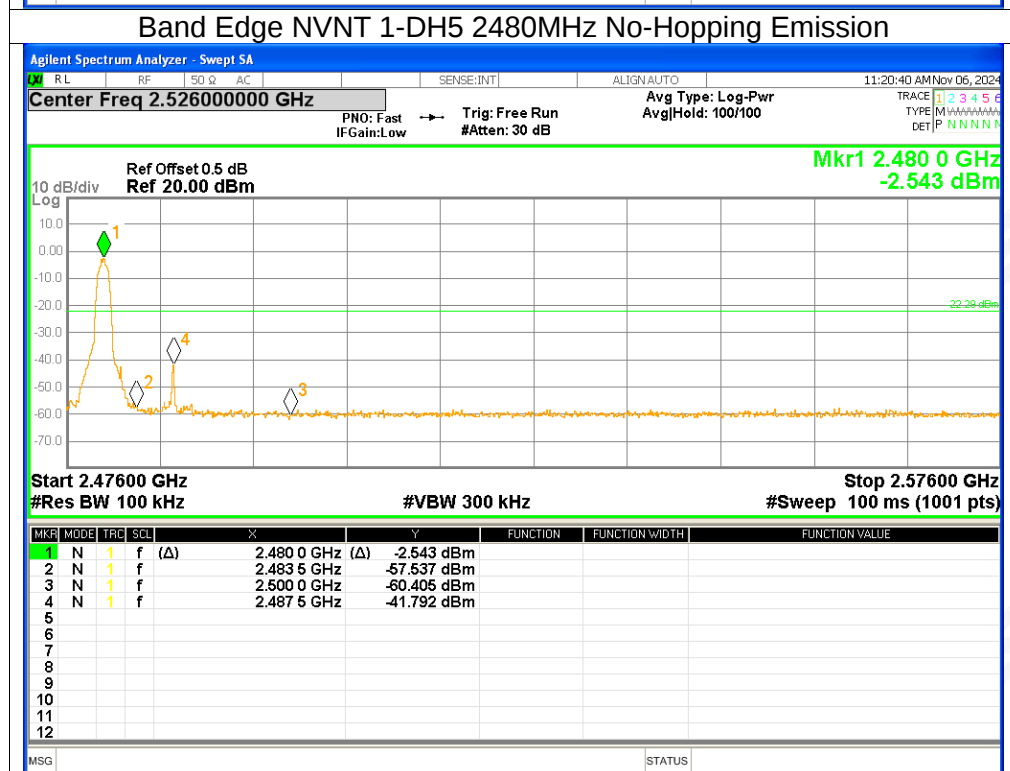
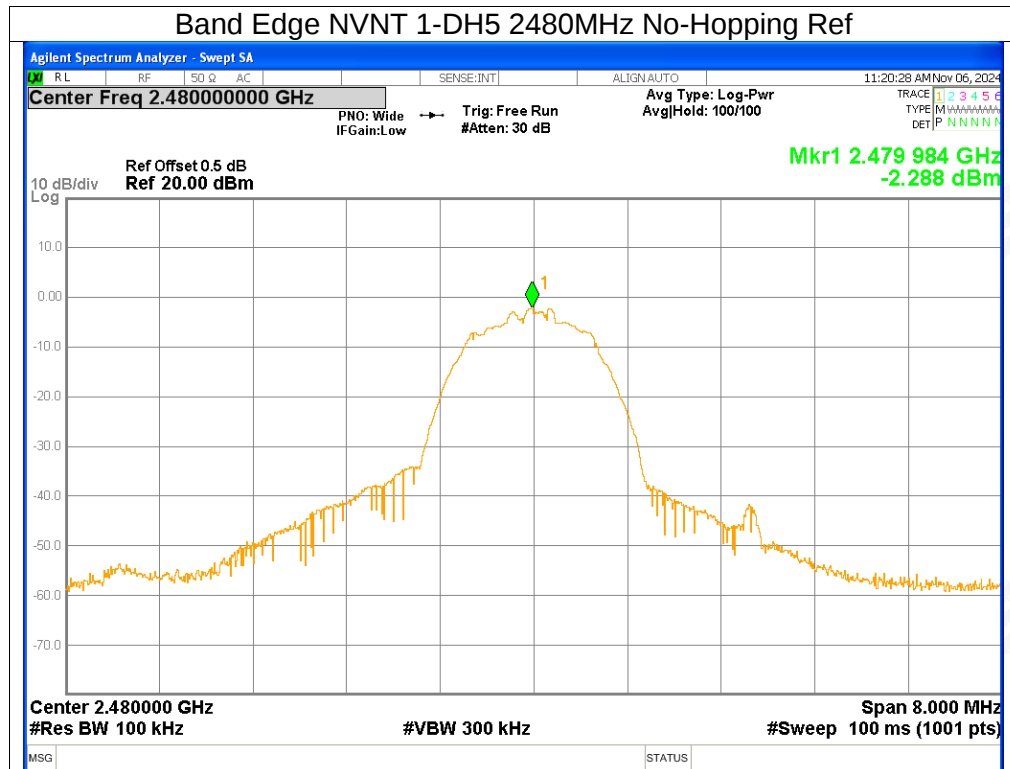
5. Number of Hopping Channel

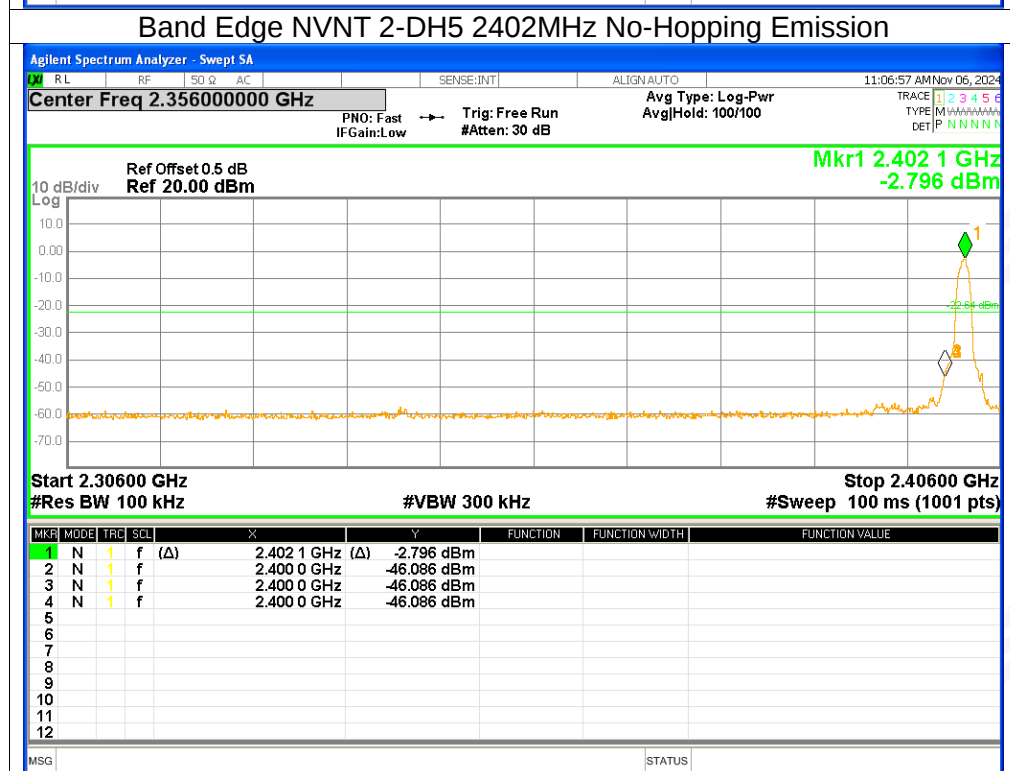
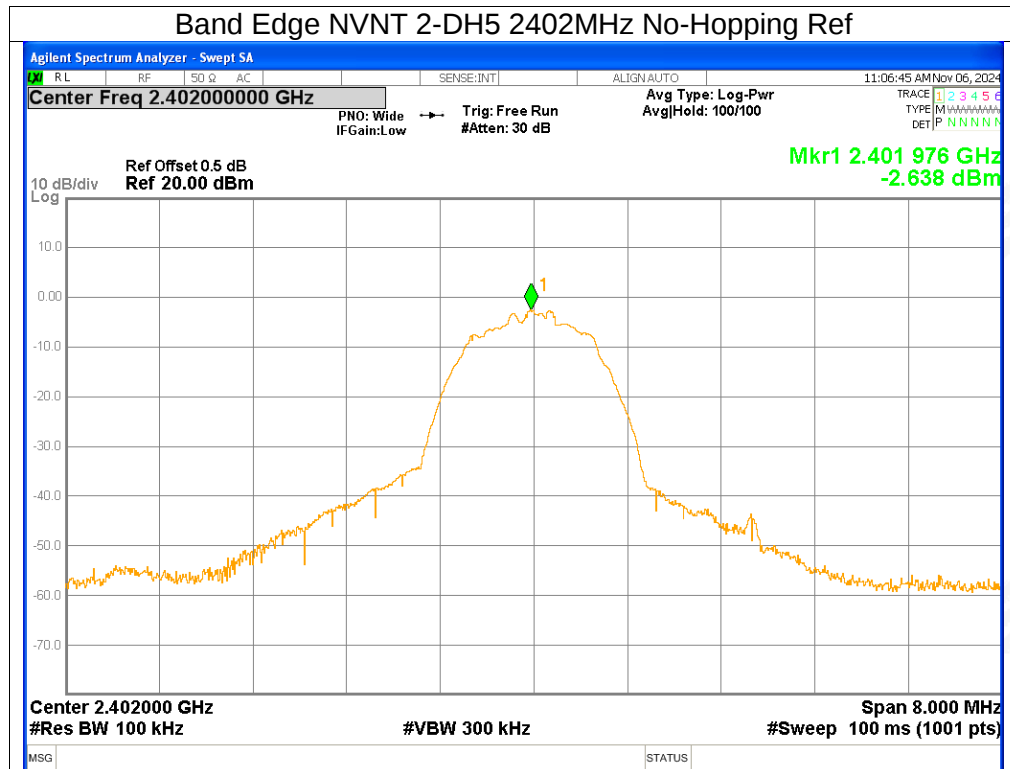
Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH5	79	≥ 15	Pass
NVNT	2-DH5	79	≥ 15	Pass
NVNT	3-DH5	79	≥ 15	Pass



6. Band Edge

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	No-Hopping	-43.85	≤ -20	Pass
NVNT	1-DH5	2480	No-Hopping	-39.5	≤ -20	Pass
NVNT	2-DH5	2402	No-Hopping	-43.44	≤ -20	Pass
NVNT	2-DH5	2480	No-Hopping	-51.83	≤ -20	Pass
NVNT	3-DH5	2402	No-Hopping	-46.82	≤ -20	Pass
NVNT	3-DH5	2480	No-Hopping	-39.99	≤ -20	Pass



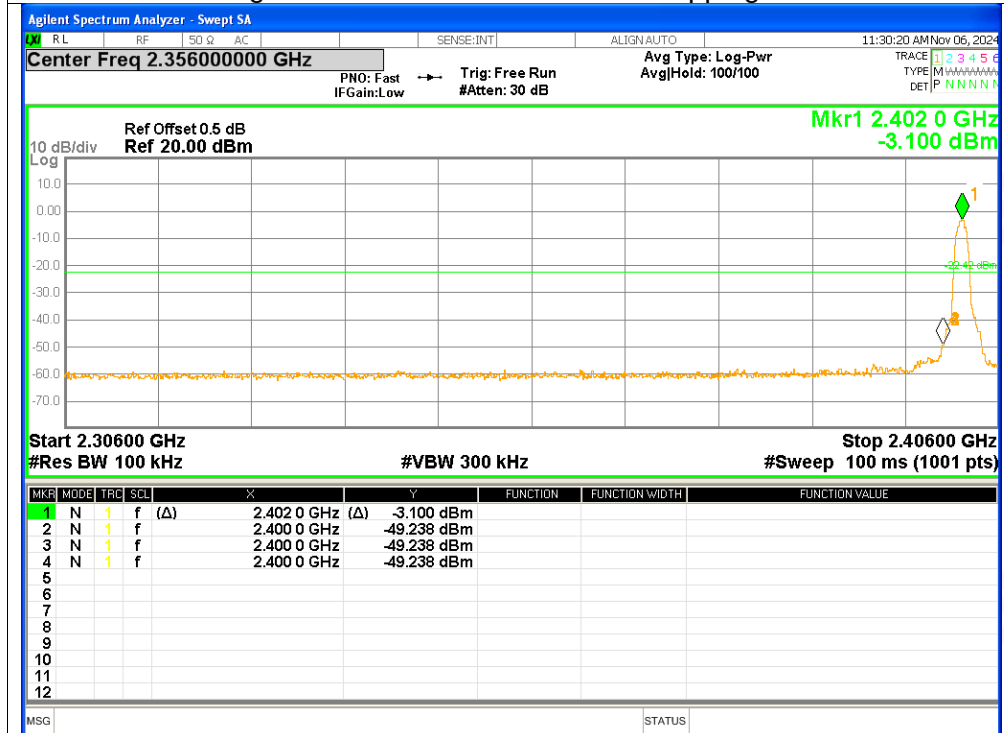




Band Edge NVNT 3-DH5 2402MHz No-Hopping Ref



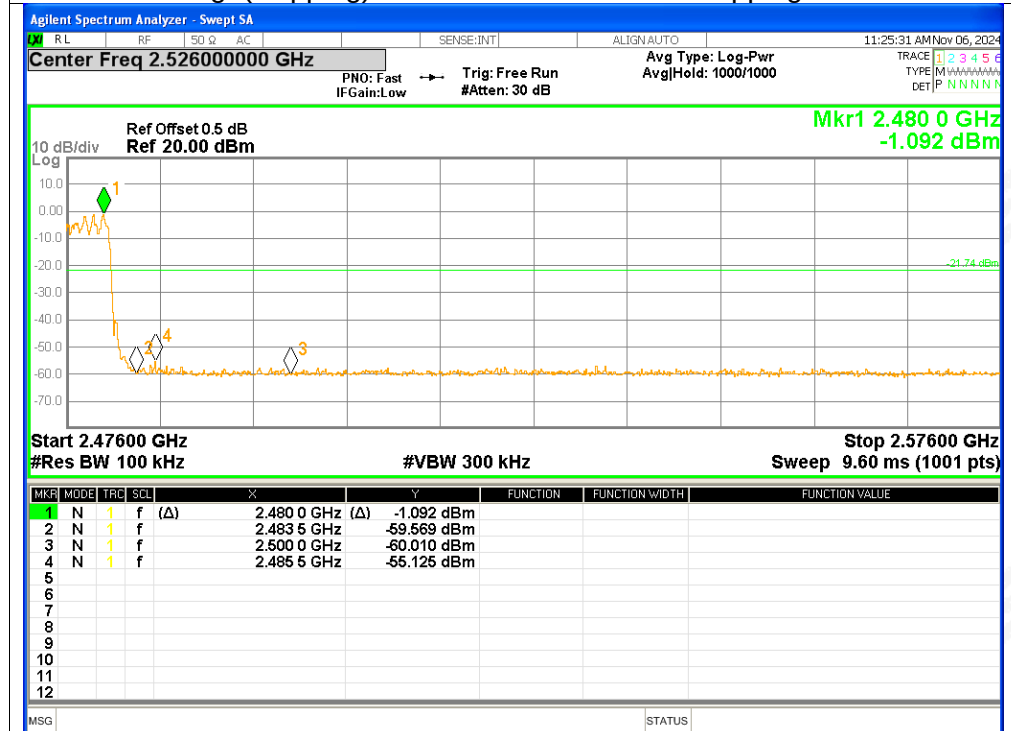
Band Edge NVNT 3-DH5 2402MHz No-Hopping Emission





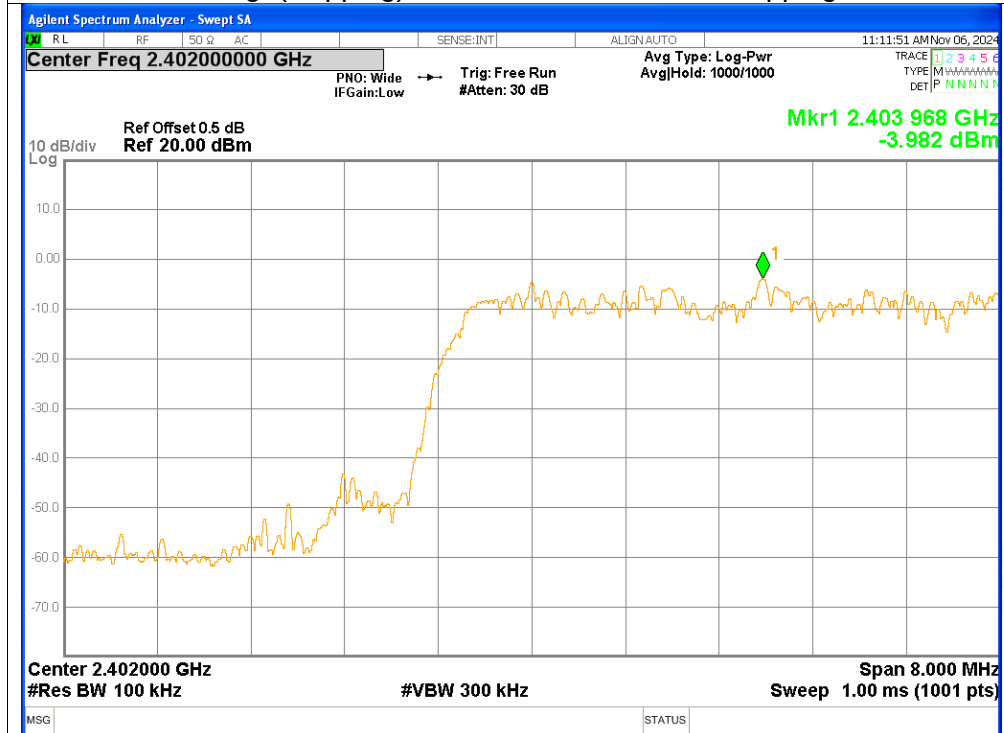
7. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Hopping	-53.99	≤ -20	Pass
NVNT	1-DH5	2480	Hopping	-53.38	≤ -20	Pass
NVNT	2-DH5	2402	Hopping	-53.01	≤ -20	Pass
NVNT	2-DH5	2480	Hopping	-53.86	≤ -20	Pass
NVNT	3-DH5	2402	Hopping	-51.61	≤ -20	Pass
NVNT	3-DH5	2480	Hopping	-54.27	≤ -20	Pass

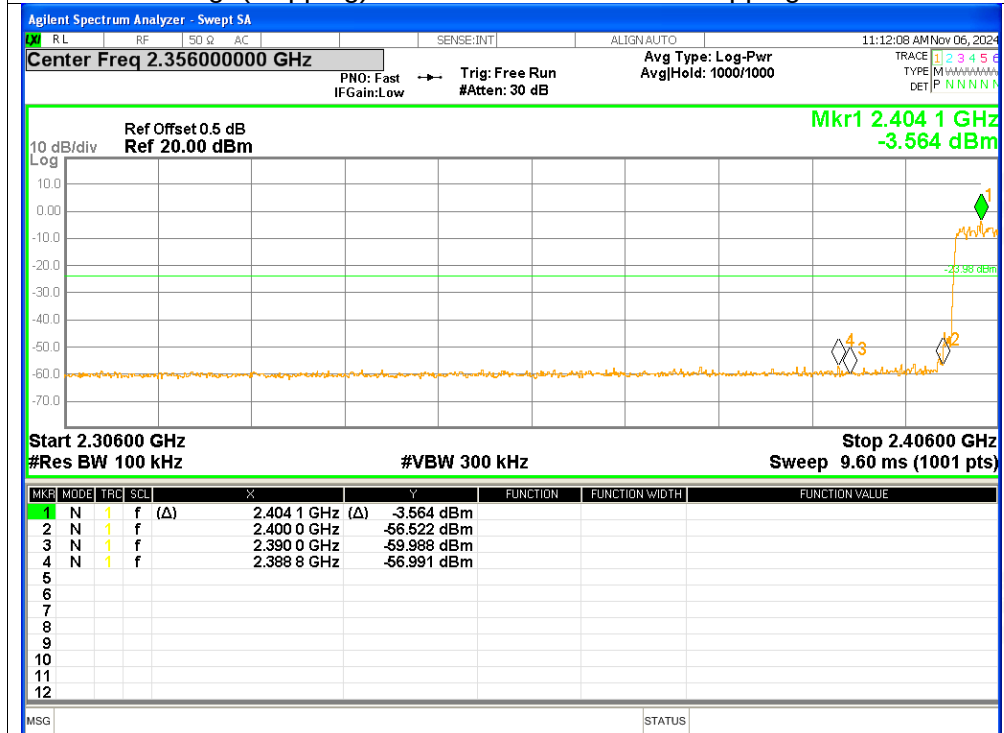




Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Ref



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

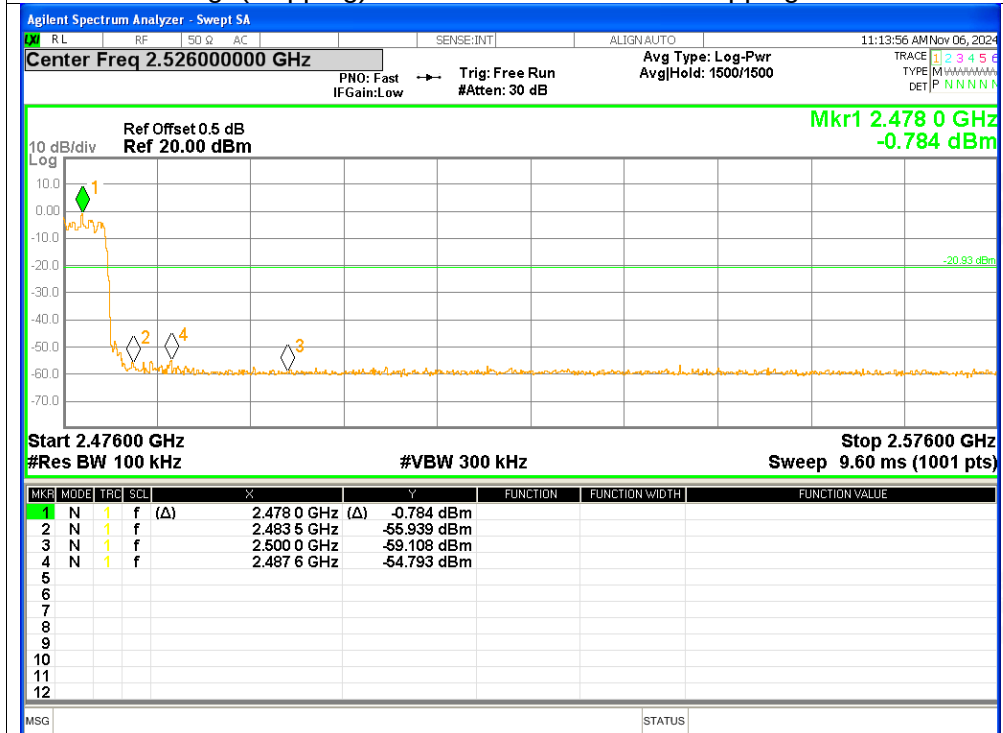




Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Ref

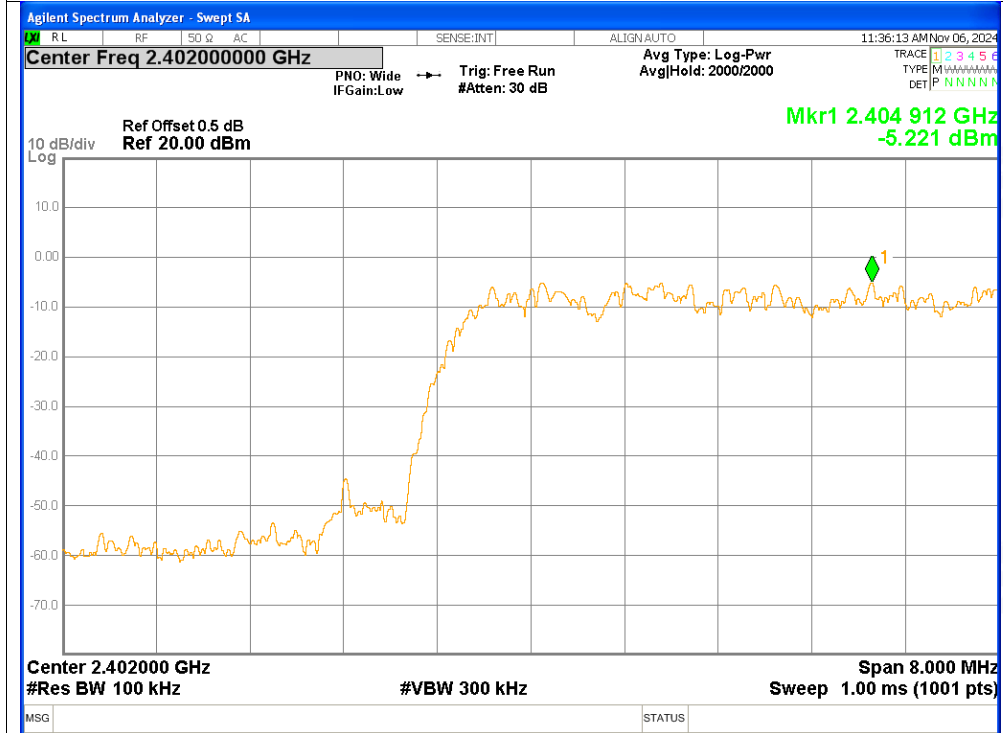


Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Emission

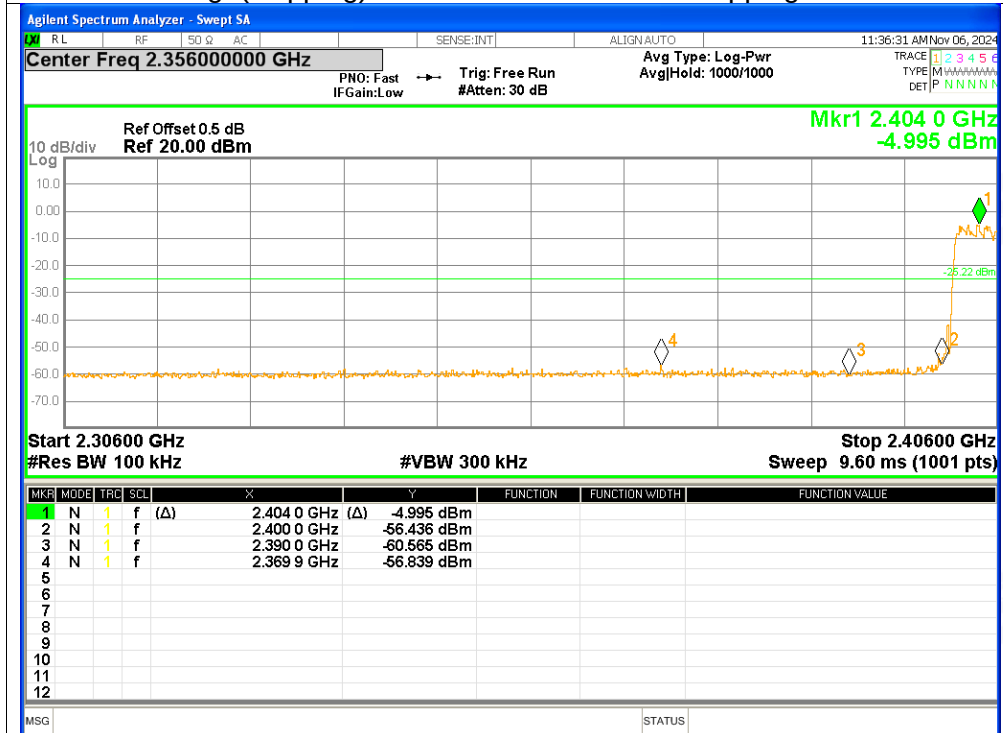




Band Edge(Hopping) NVNT 3-DH5 2402MHz Hopping Ref



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

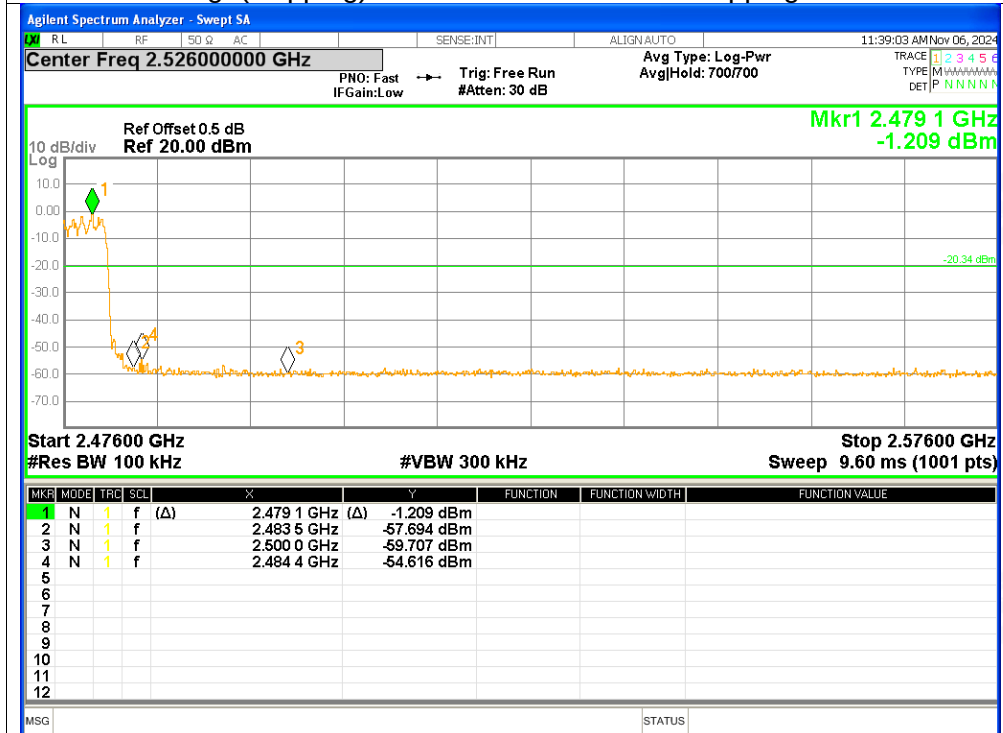




Band Edge(Hopping) NVNT 3-DH5 2480MHz Hopping Ref



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

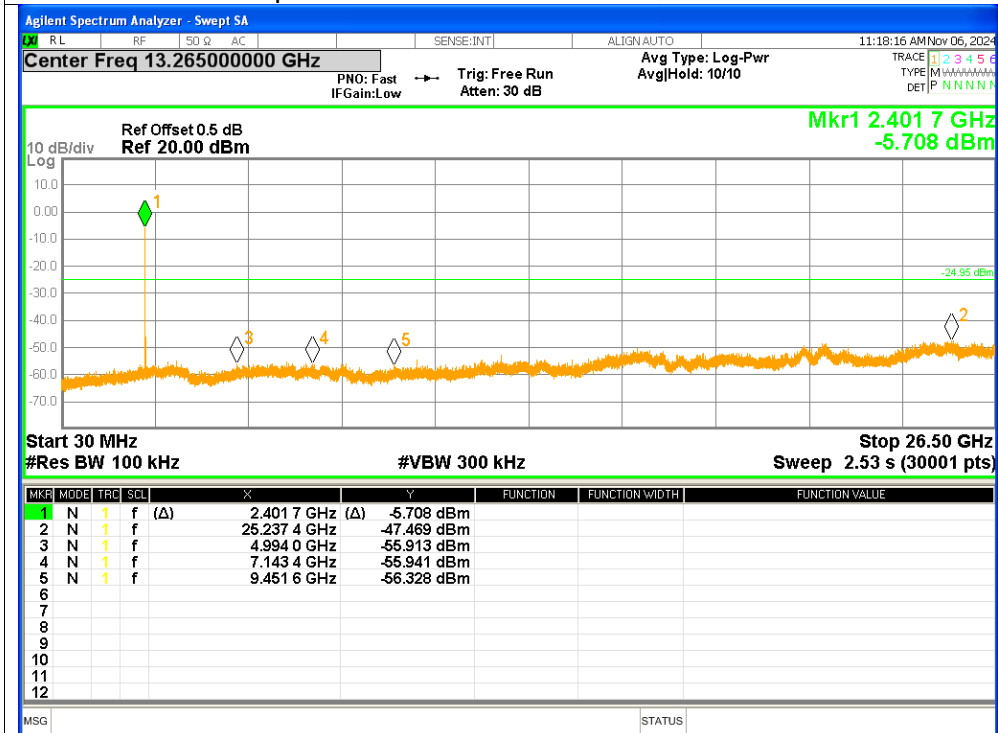




8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	-42.51	≤ -20	Pass
NVNT	1-DH5	2441	-43.89	≤ -20	Pass
NVNT	1-DH5	2480	-44.93	≤ -20	Pass
NVNT	2-DH5	2402	-41.99	≤ -20	Pass
NVNT	2-DH5	2441	-43.81	≤ -20	Pass
NVNT	2-DH5	2480	-42.3	≤ -20	Pass
NVNT	3-DH5	2402	-44.66	≤ -20	Pass
NVNT	3-DH5	2441	-44.79	≤ -20	Pass
NVNT	3-DH5	2480	-44.71	≤ -20	Pass

Tx. Spurious NVNT 1-DH5 2402MHz Ref

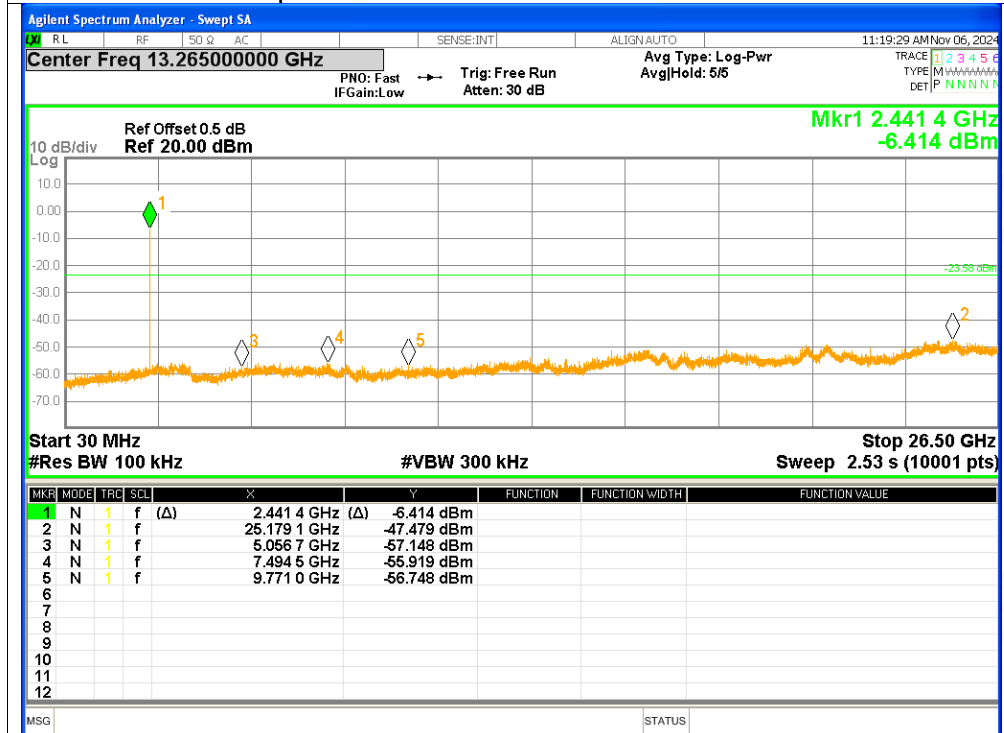




Tx. Spurious NVNT 1-DH5 2441MHz Ref



Tx. Spurious NVNT 1-DH5 2441MHz Emission

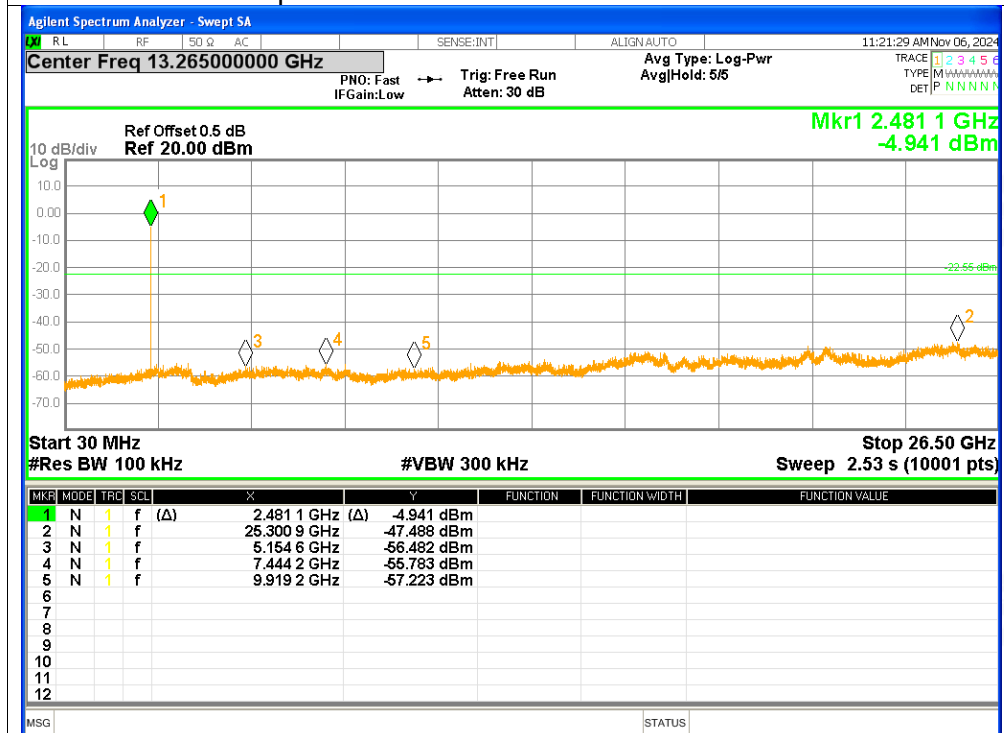




Tx. Spurious NVNT 1-DH5 2480MHz Ref



Tx. Spurious NVNT 1-DH5 2480MHz Emission

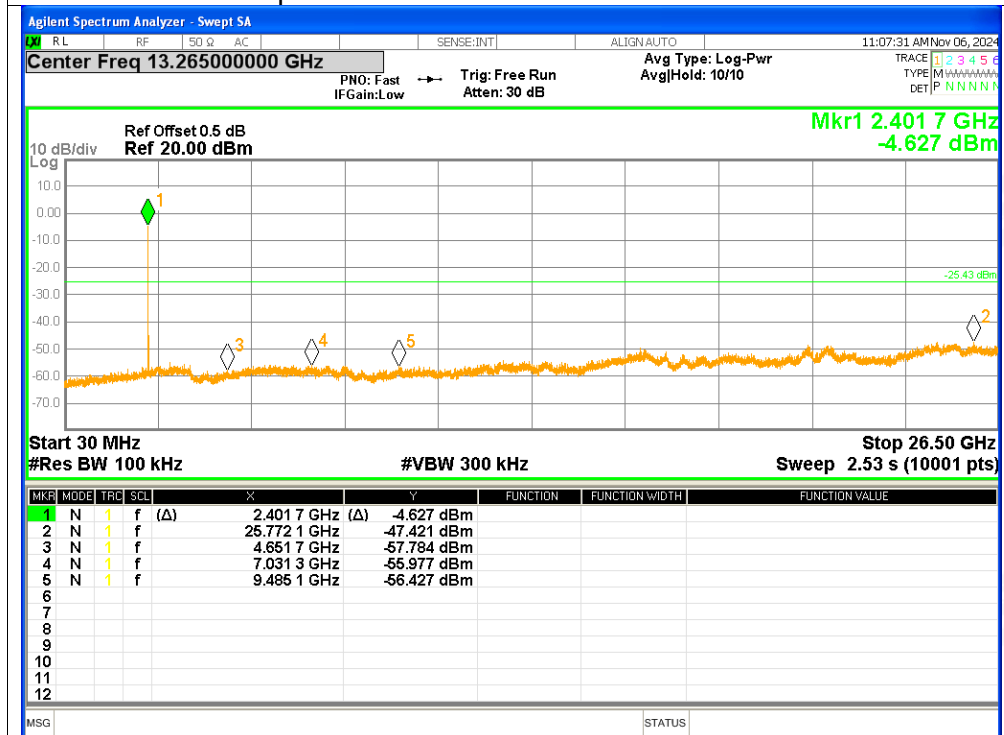




Tx. Spurious NVNT 2-DH5 2402MHz Ref



Tx. Spurious NVNT 2-DH5 2402MHz Emission

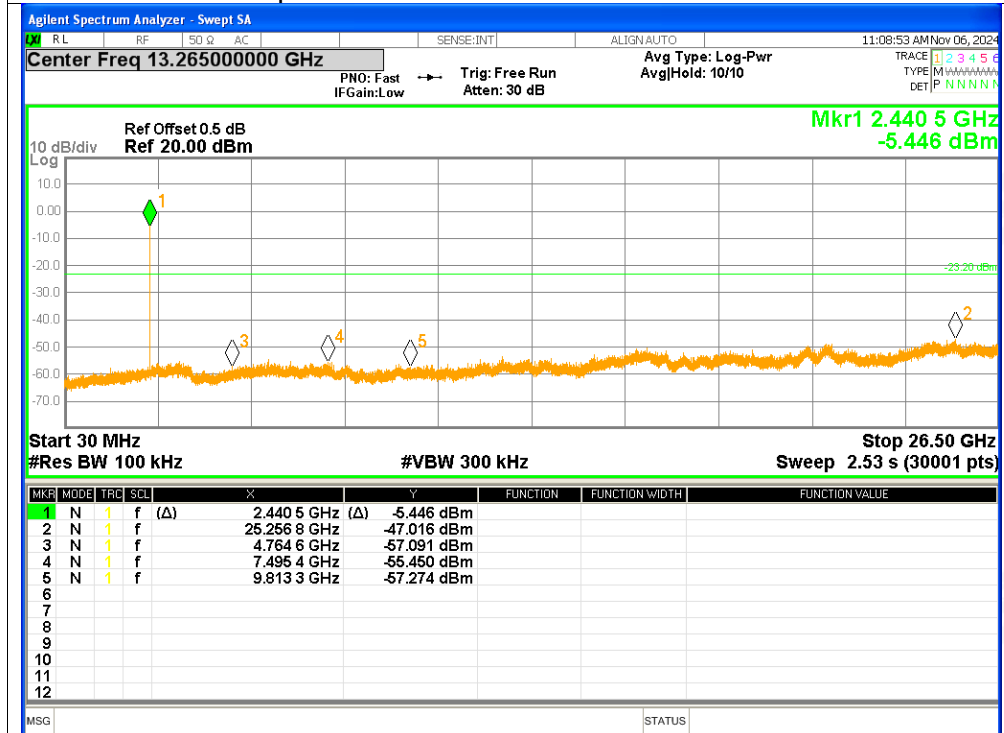




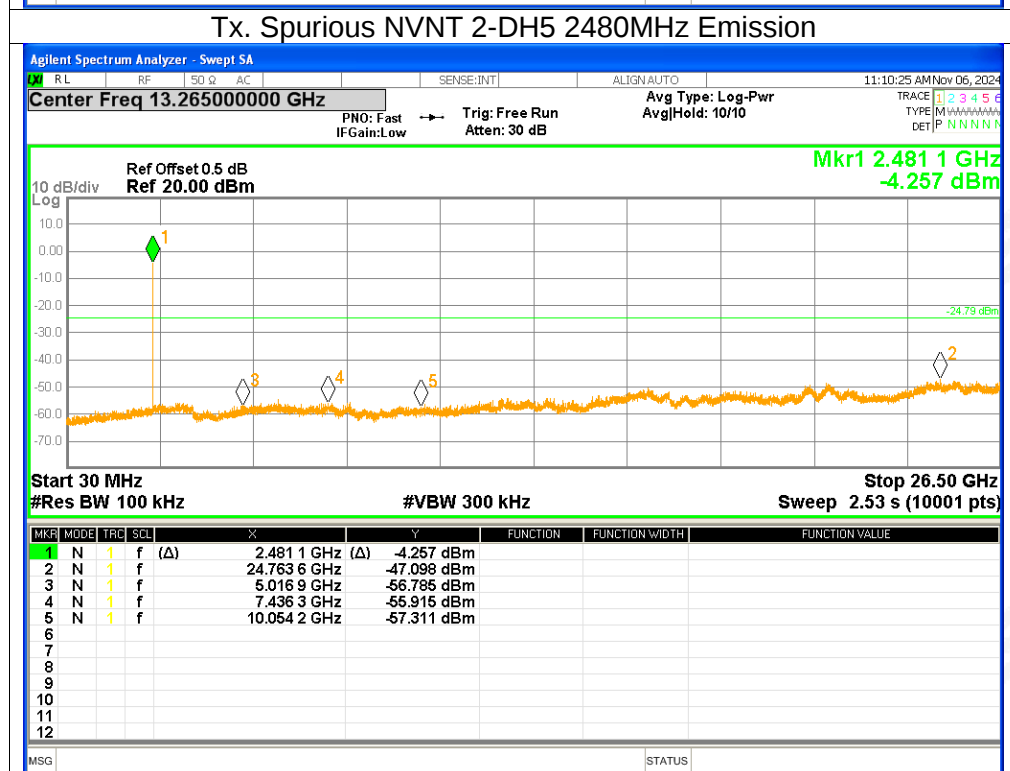
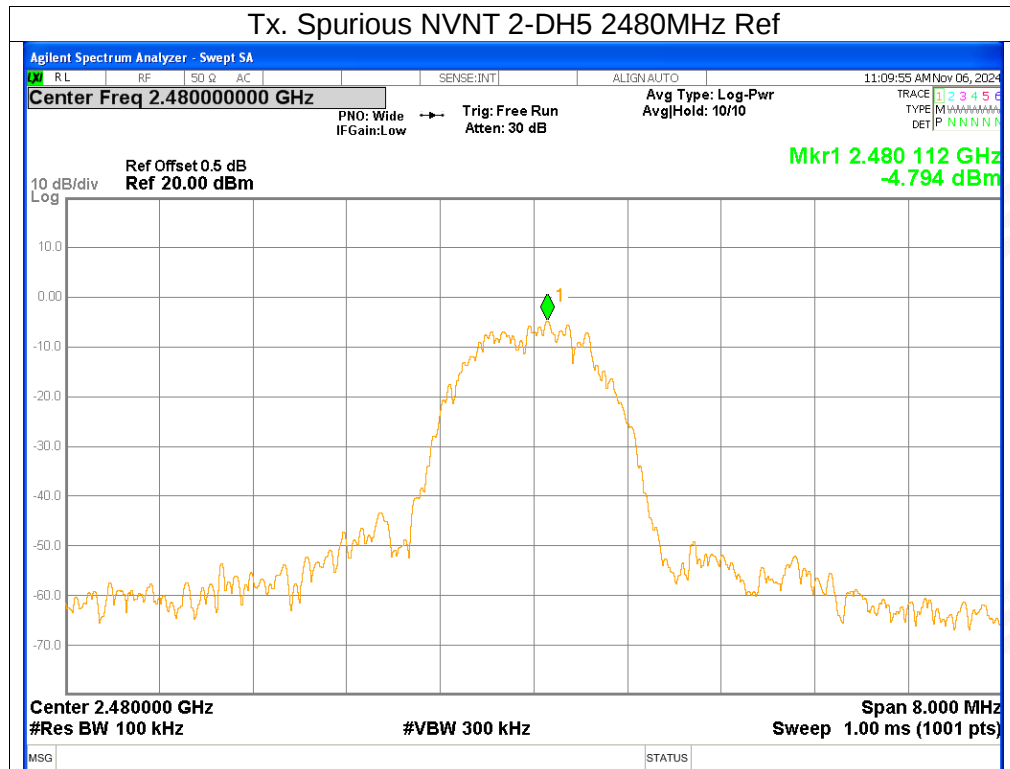
Tx. Spurious NVNT 2-DH5 2441MHz Ref



Tx. Spurious NVNT 2-DH5 2441MHz Emission

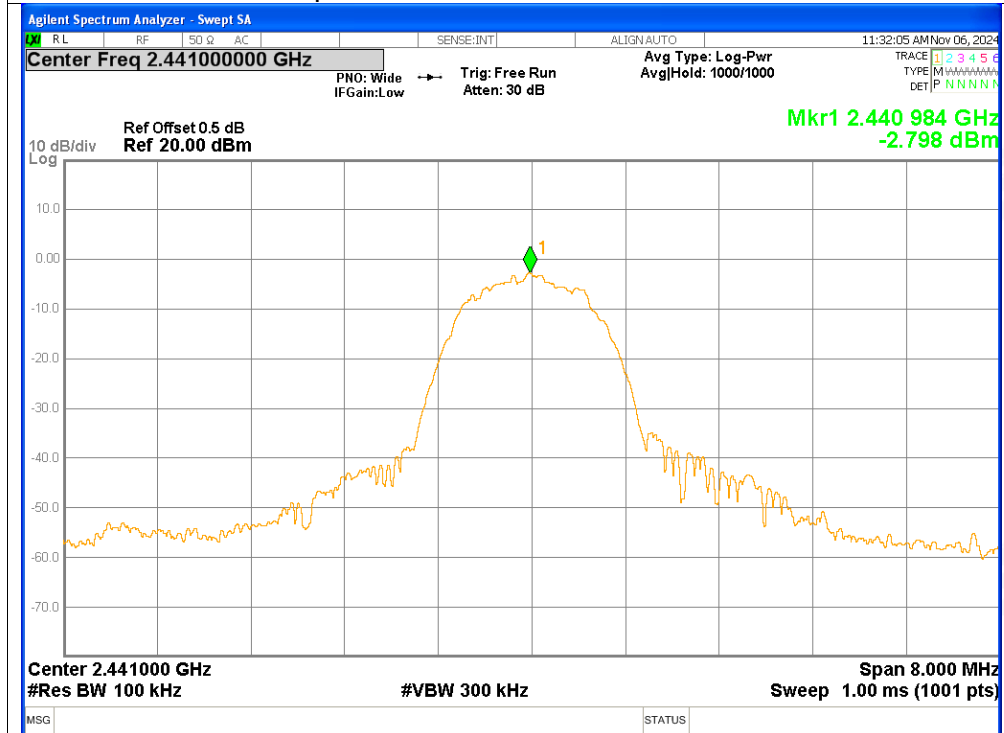


MARK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	(Δ)	2.440 5 GHz (Δ)	-5.446 dBm		
2	N	1	f		25.256 8 GHz	-47.016 dBm		
3	N	1	f		4.764 6 GHz	-57.091 dBm		
4	N	1	f		7.495 4 GHz	-55.450 dBm		
5	N	1	f		9.813 3 GHz	-57.274 dBm		
6								
7								
8								
9								
10								
11								
12								

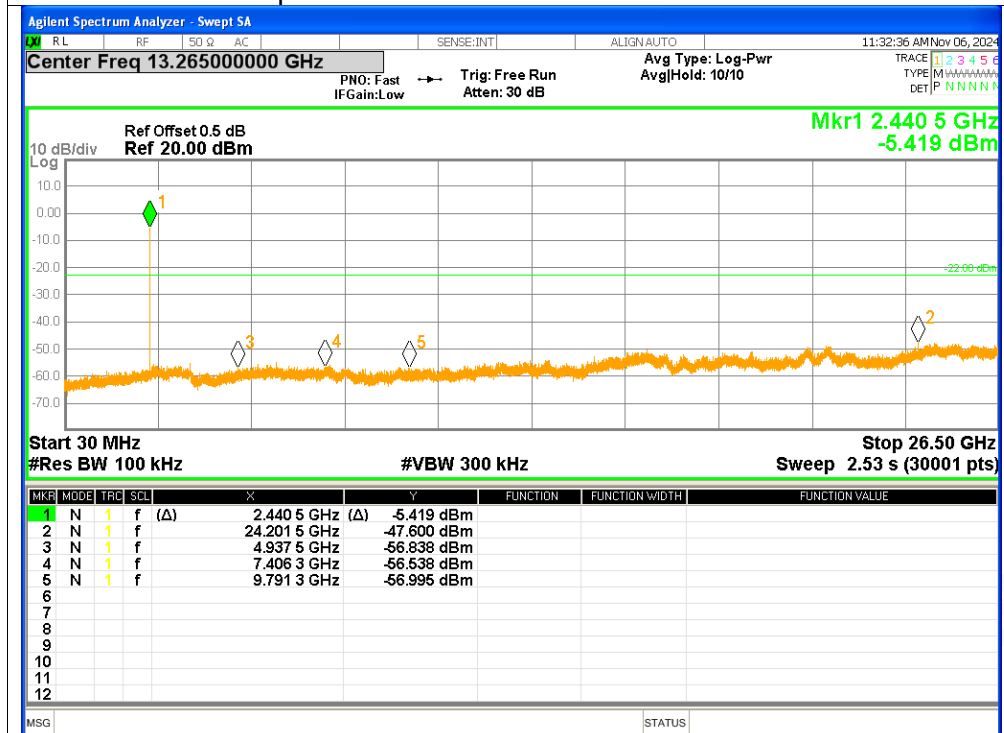




Tx. Spurious NVNT 3-DH5 2441MHz Ref



Tx. Spurious NVNT 3-DH5 2441MHz Emission

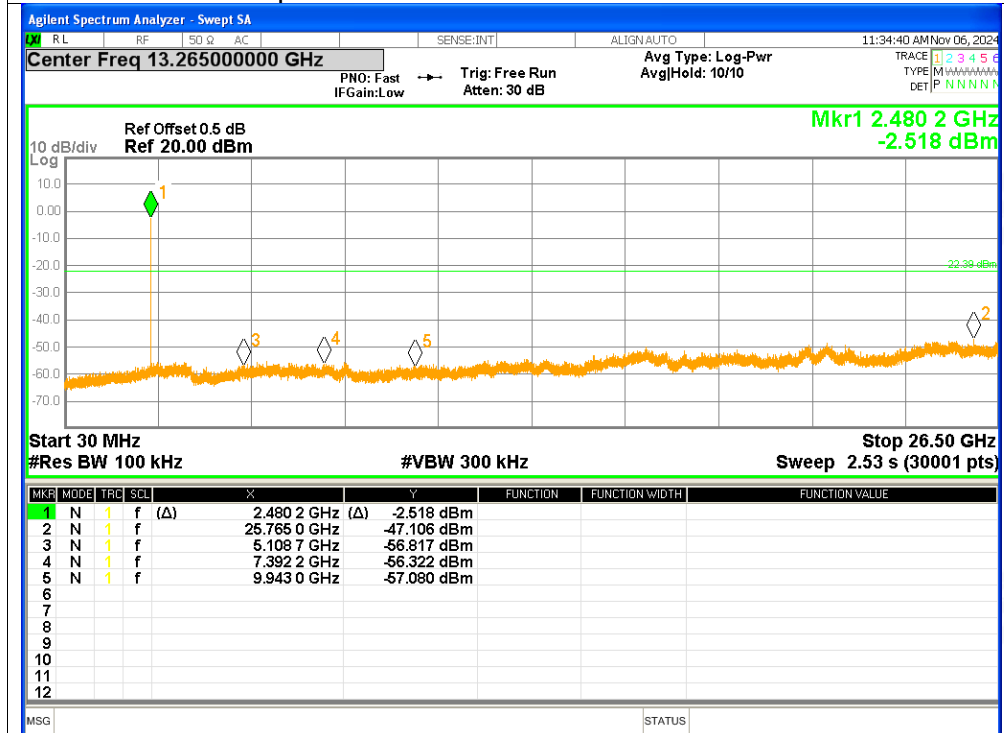




Tx. Spurious NVNT 3-DH5 2480MHz Ref



Tx. Spurious NVNT 3-DH5 2480MHz Emission



MARK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f	(Δ)	2.480 2 GHz (Δ)	-2.518 dBm			
2	N	f		25.765 0 GHz	-47.106 dBm			
3	N	f		5.108 7 GHz	-56.817 dBm			
4	N	f		7.392 2 GHz	-56.322 dBm			
5	N	f		9.943 0 GHz	-57.080 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*****