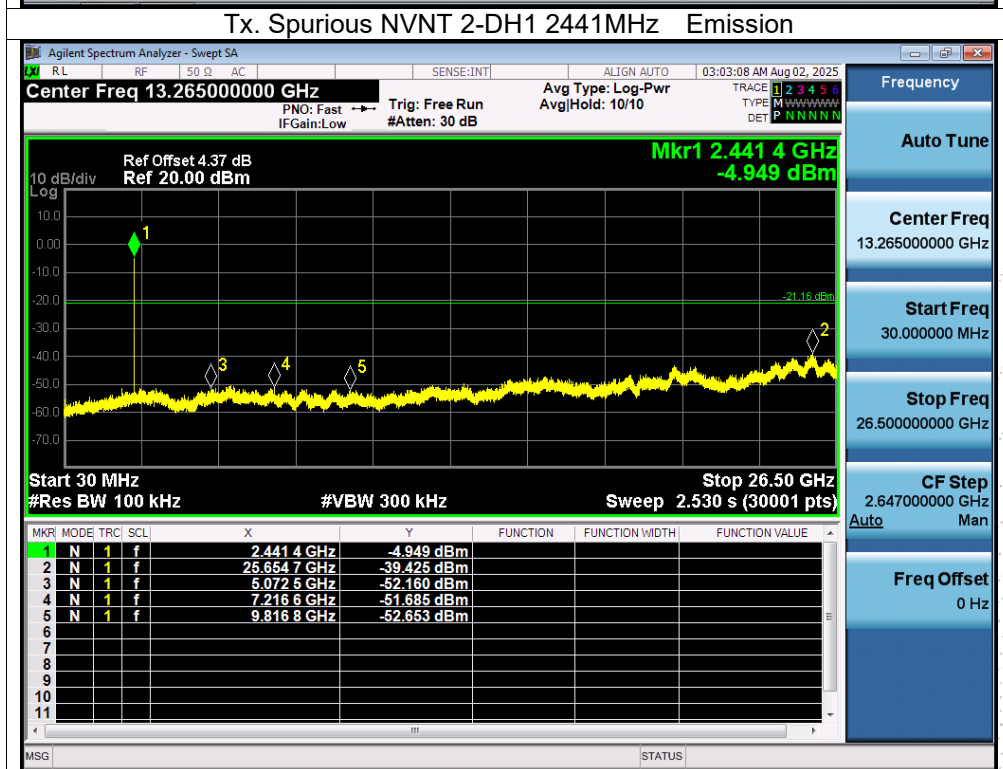
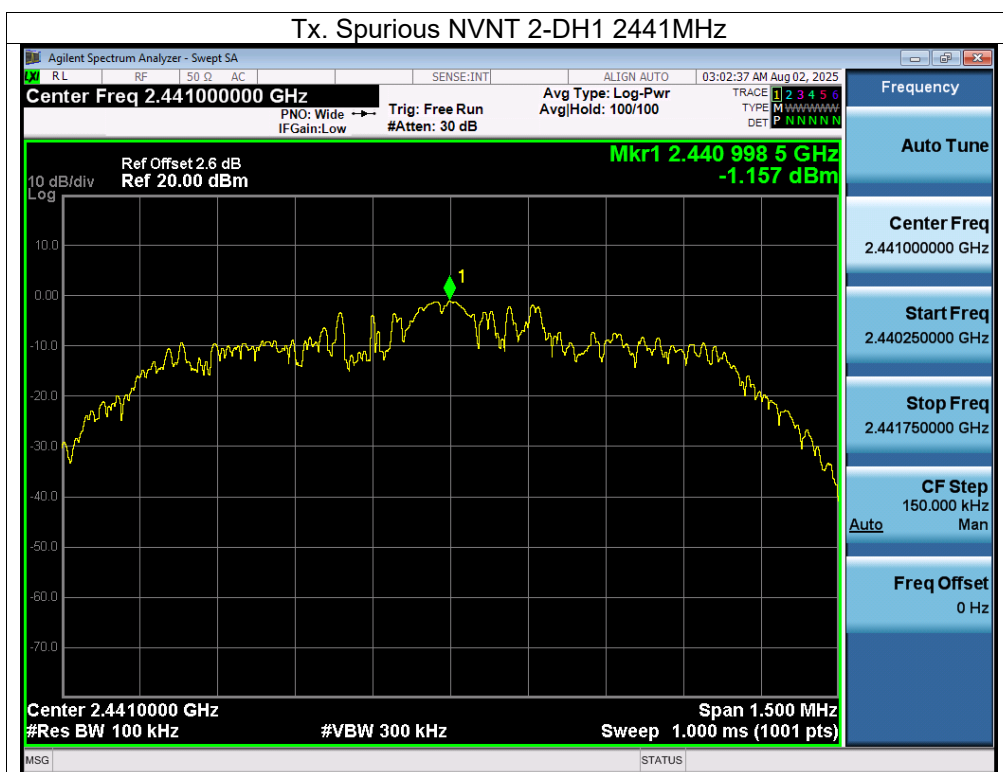
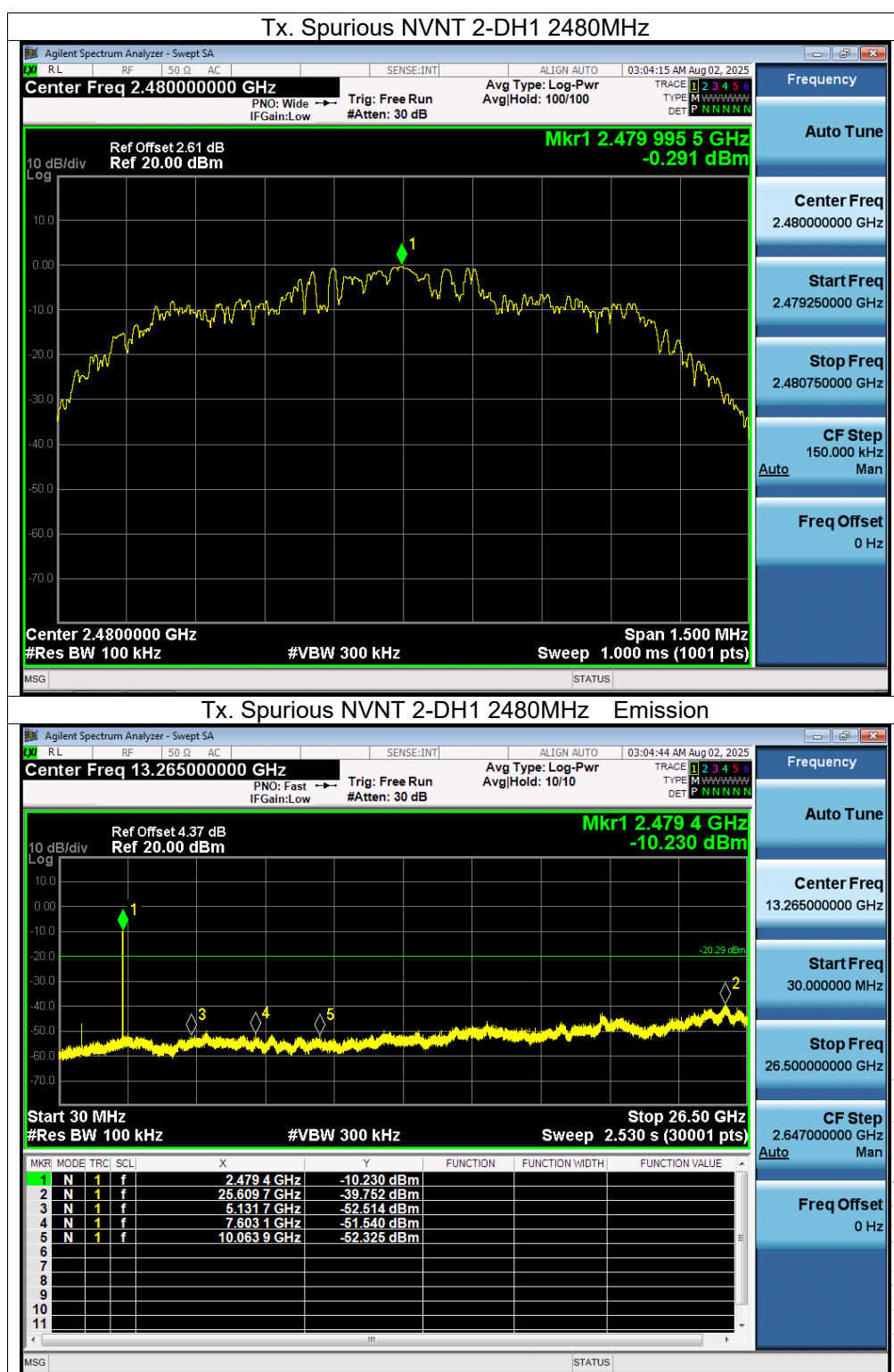
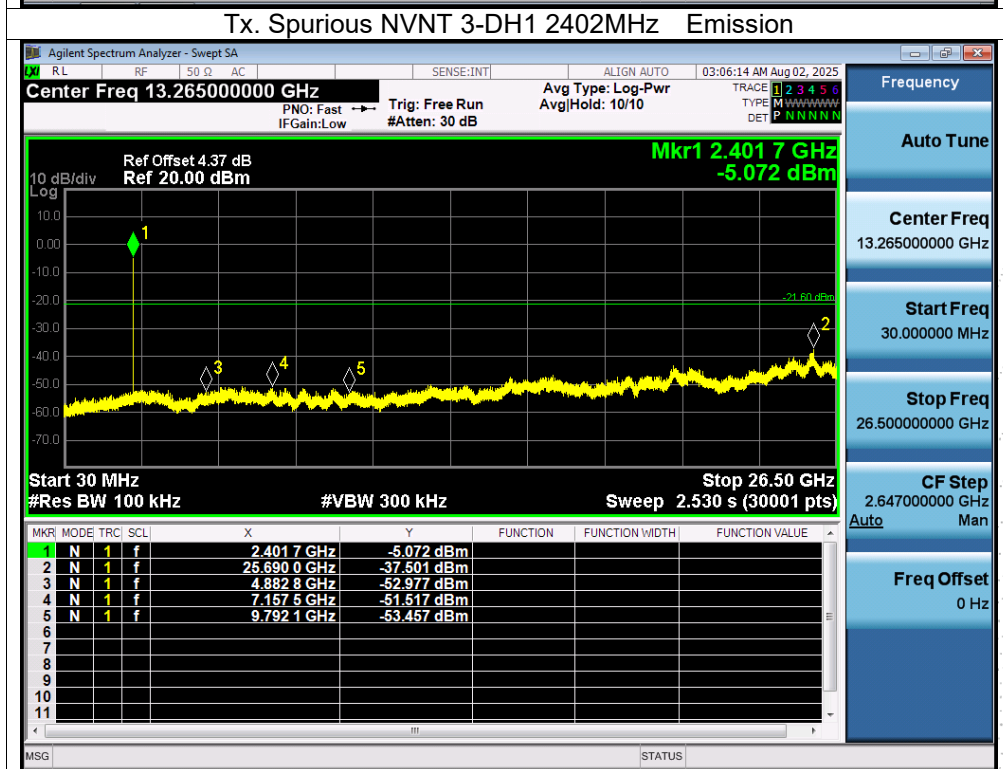
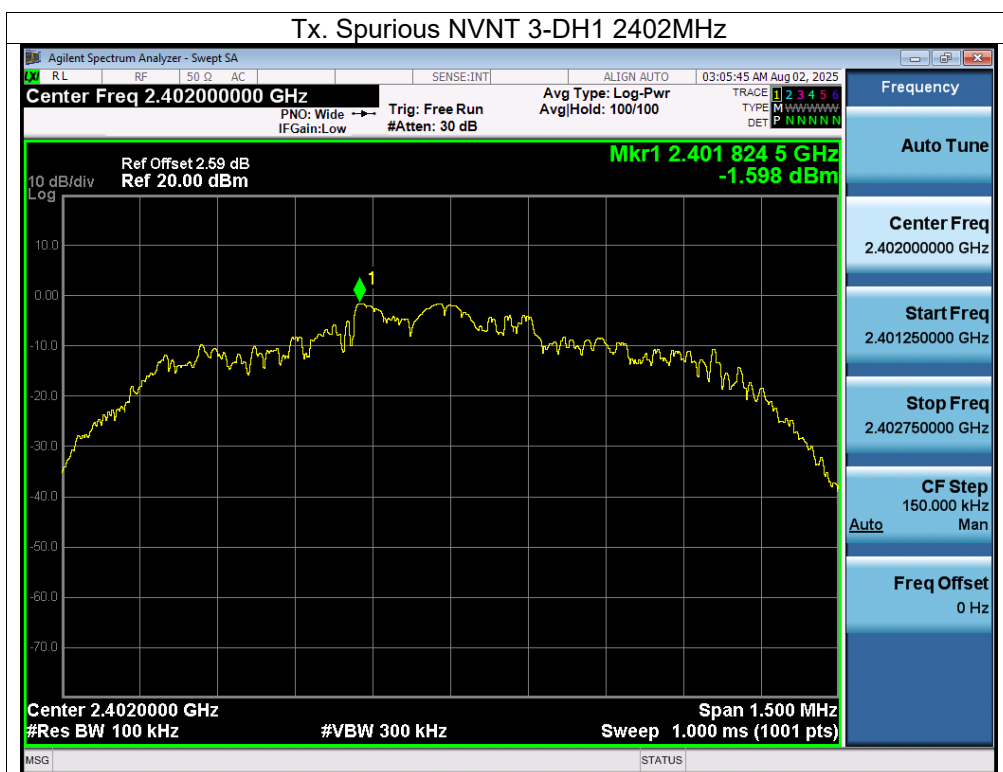
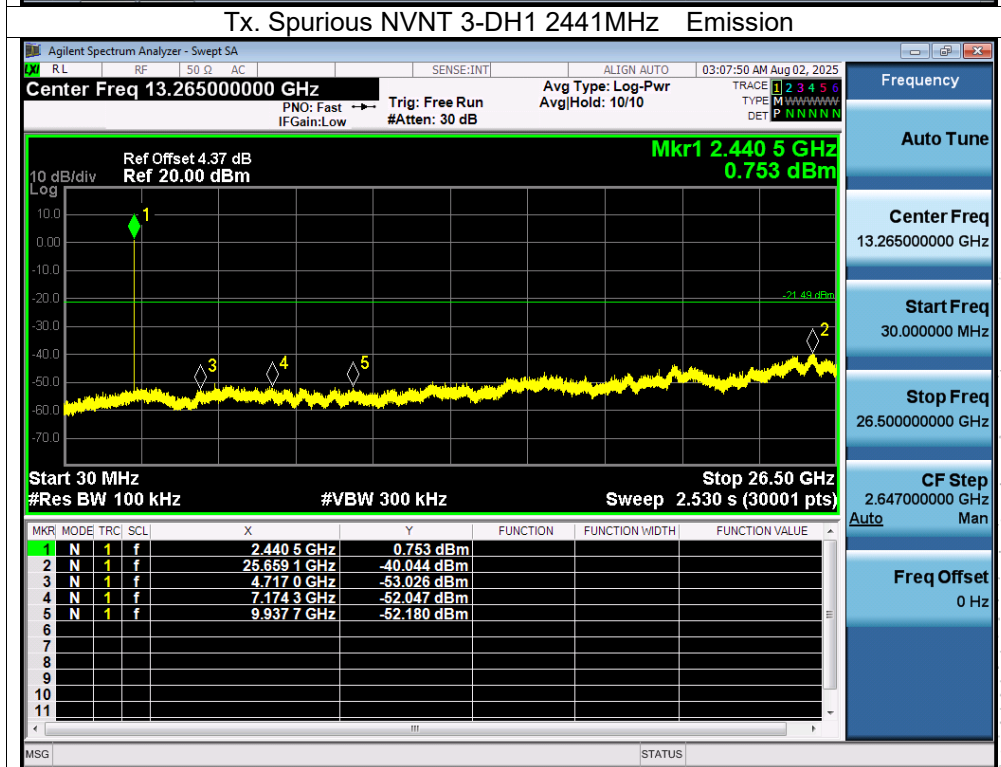
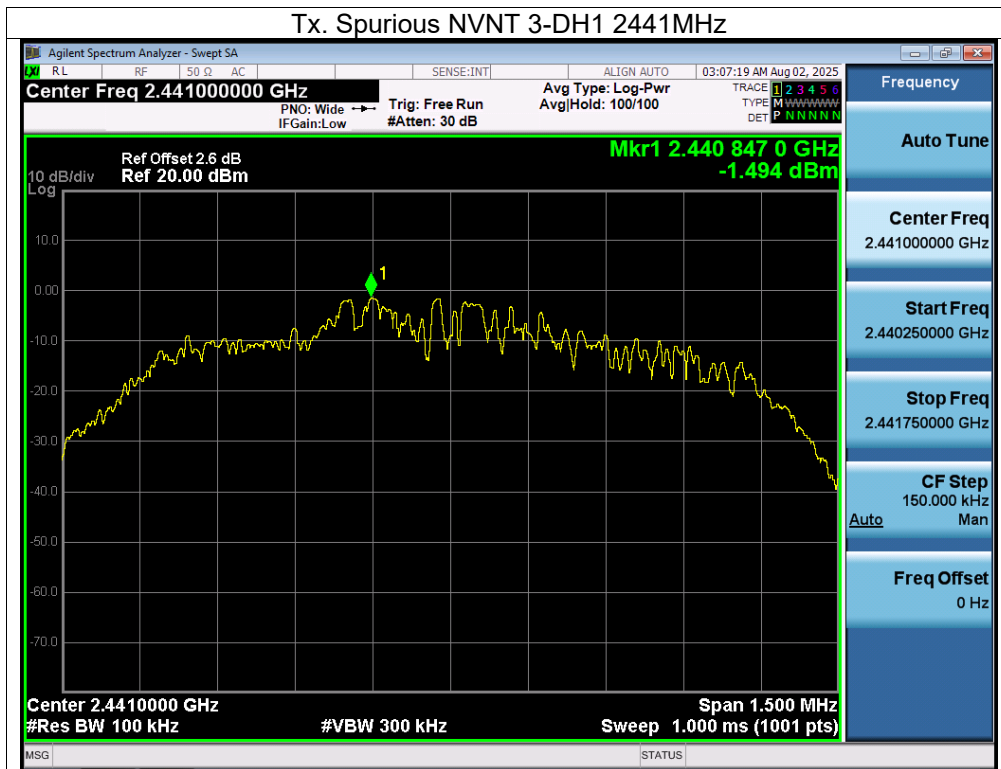
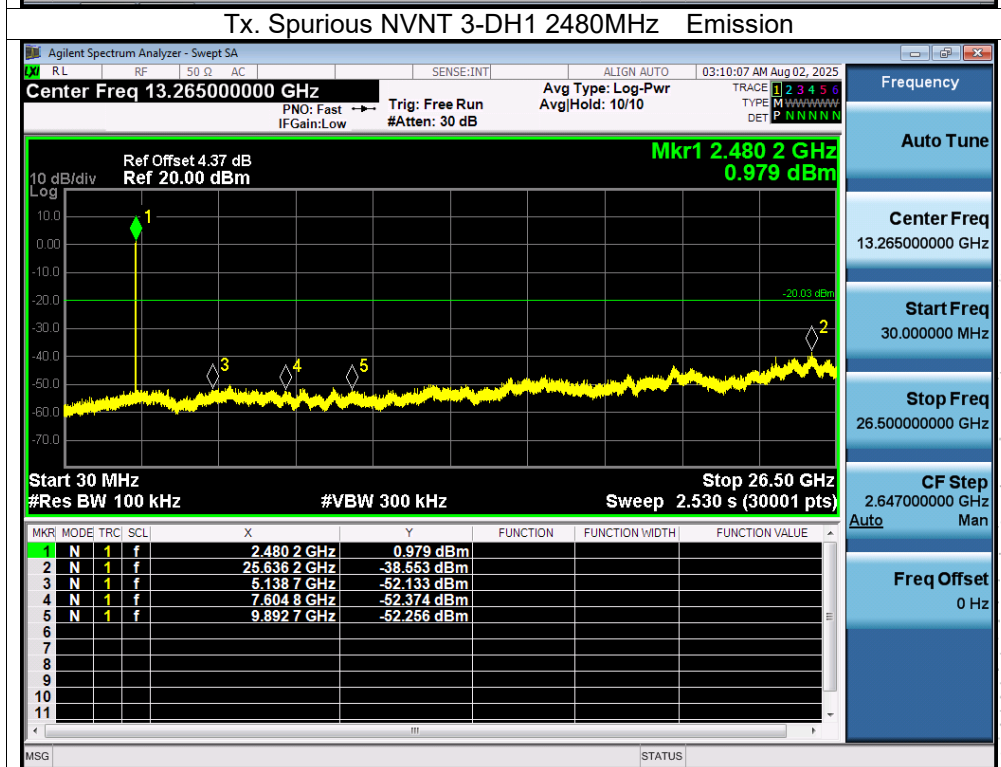
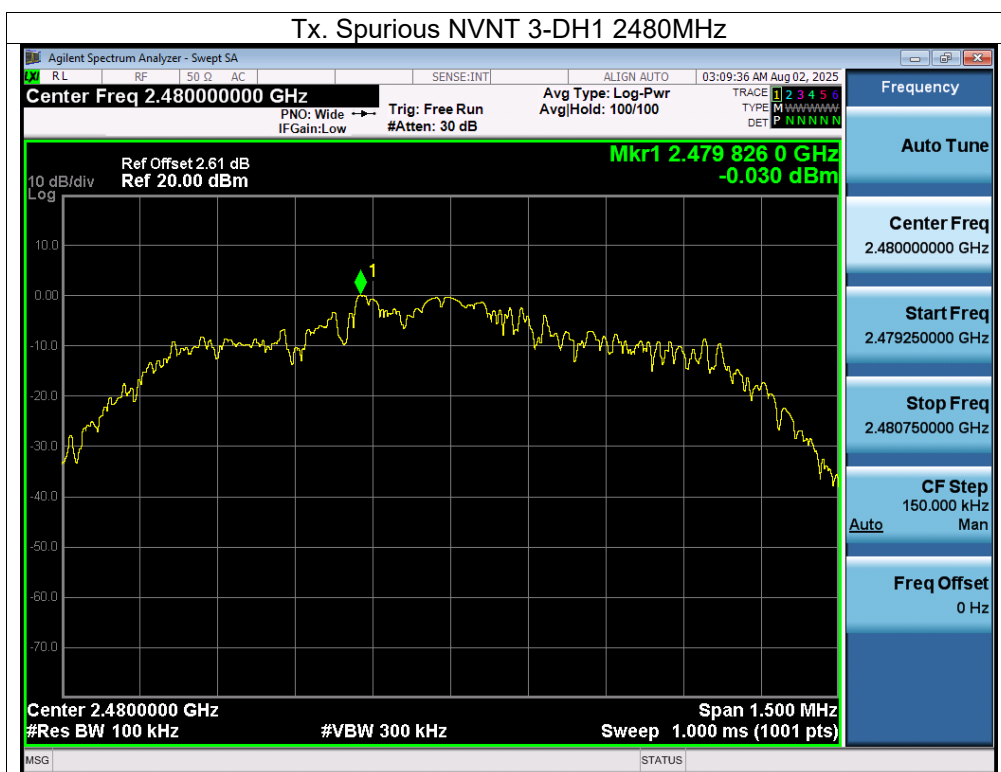


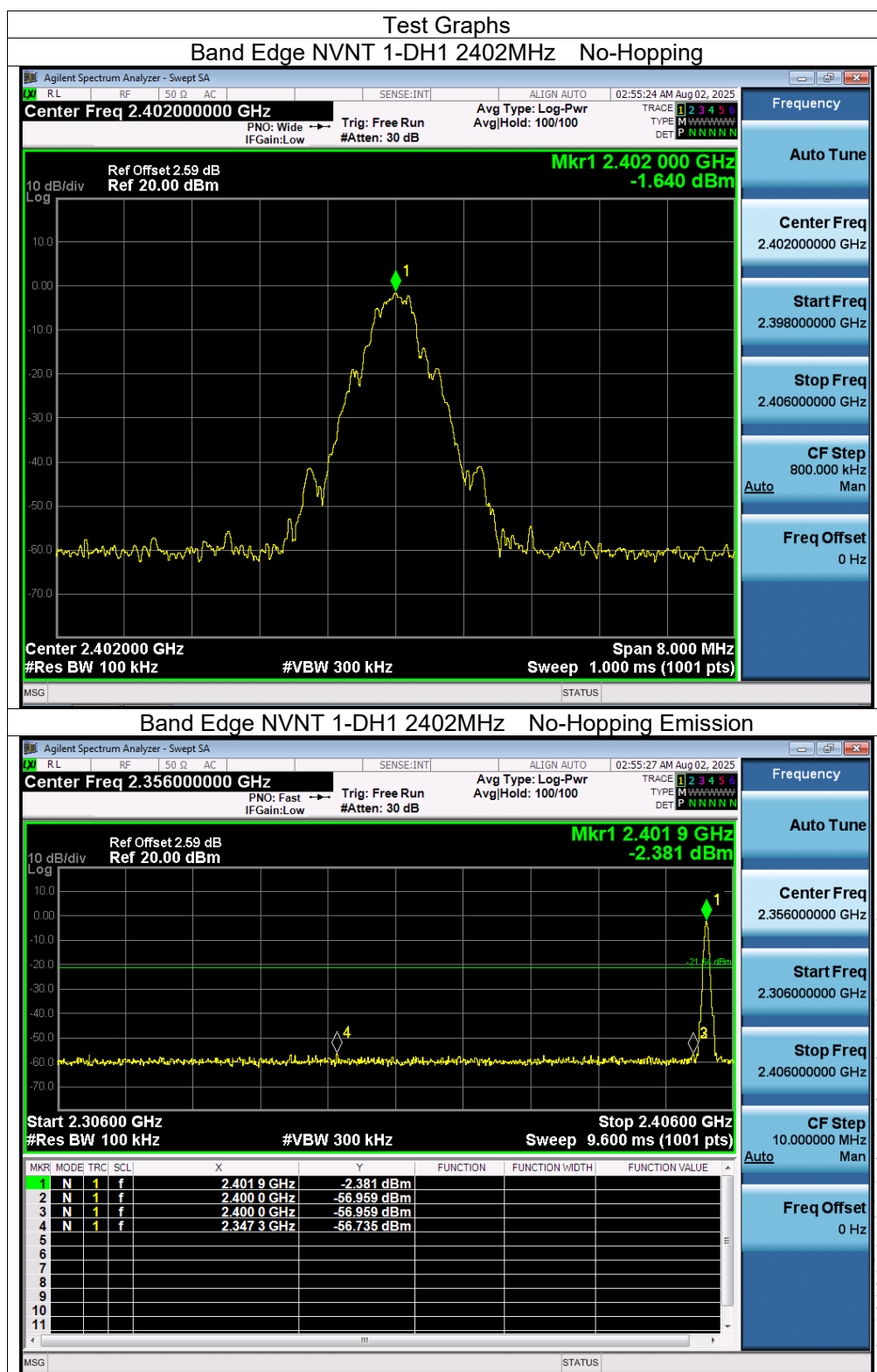




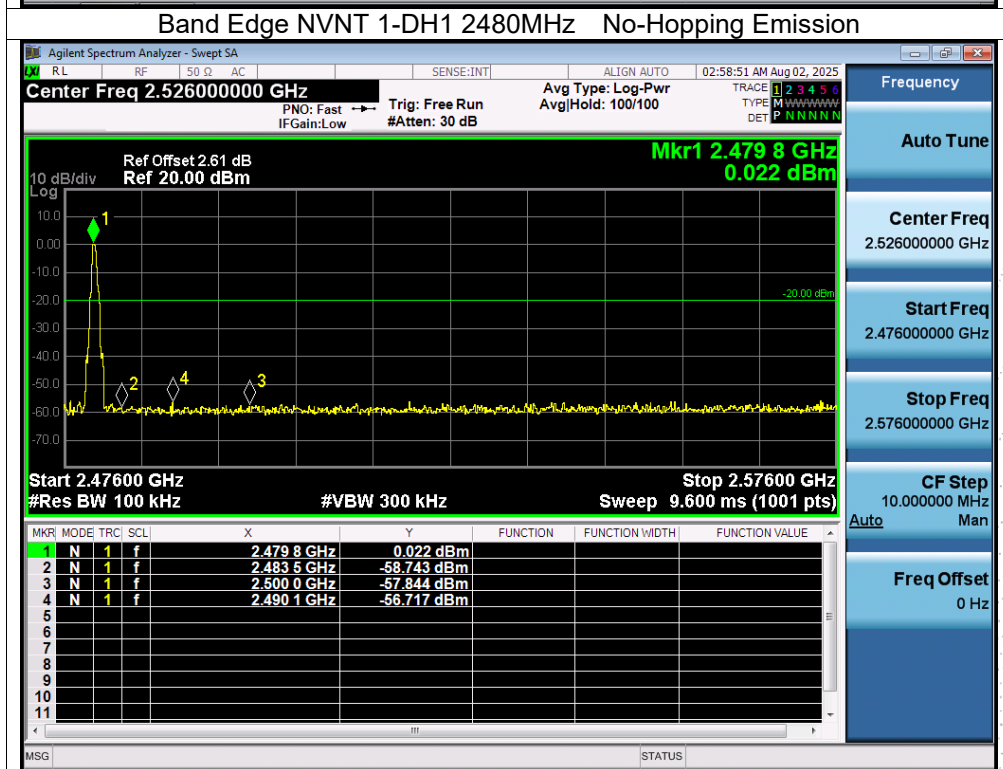
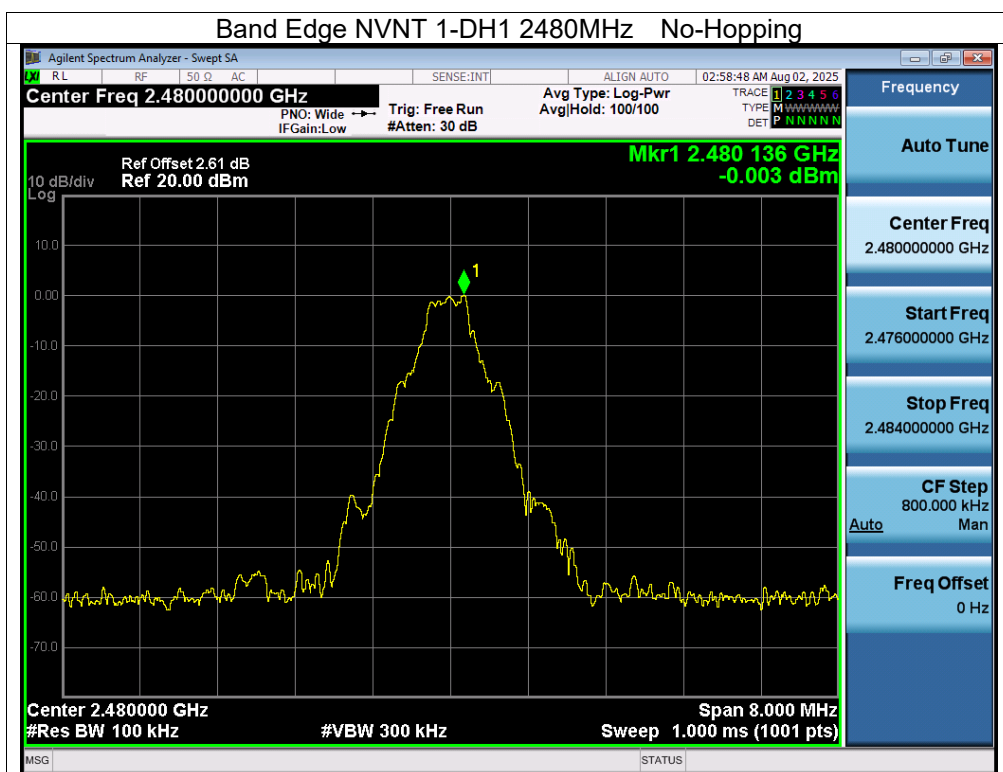


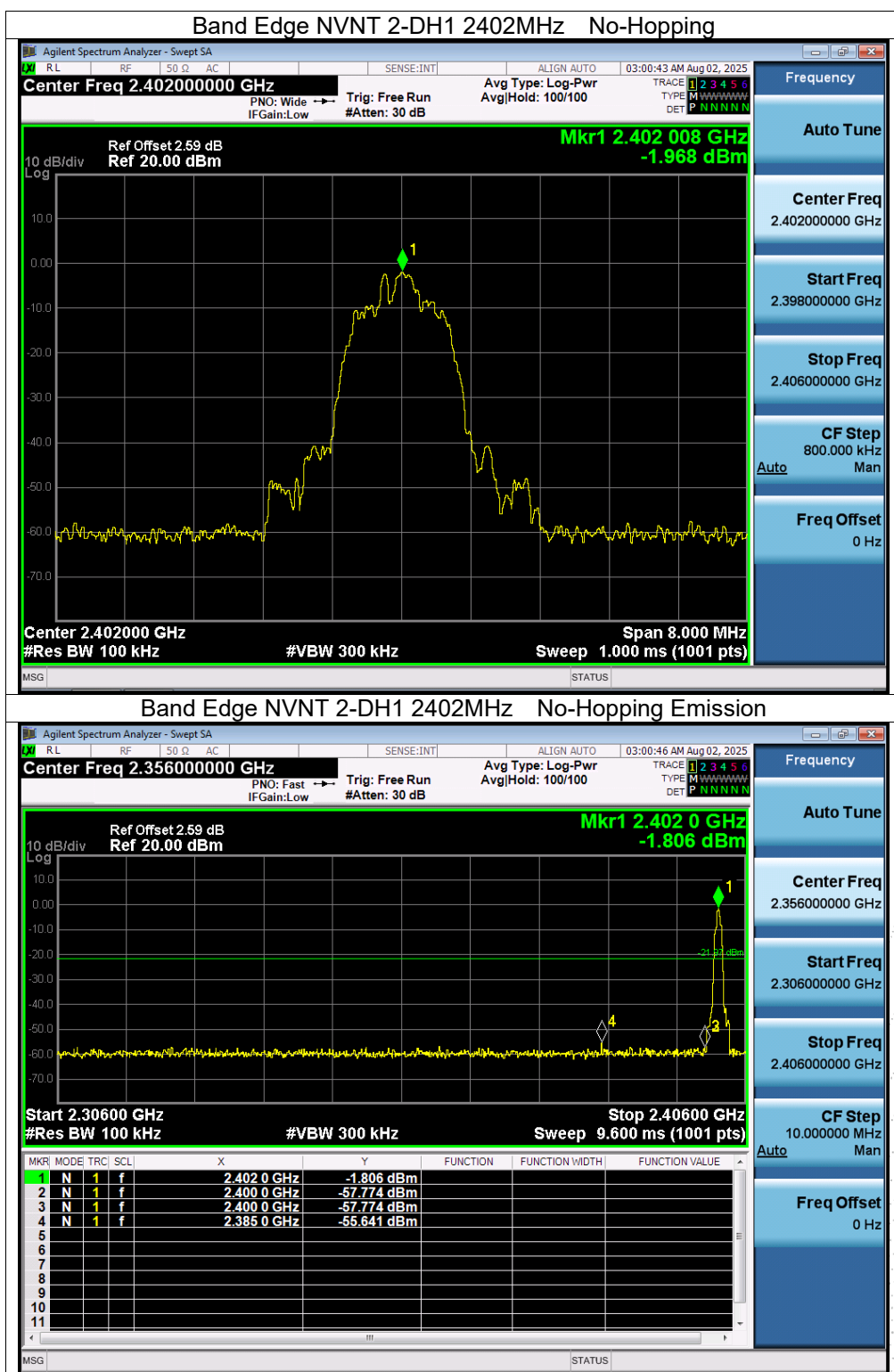


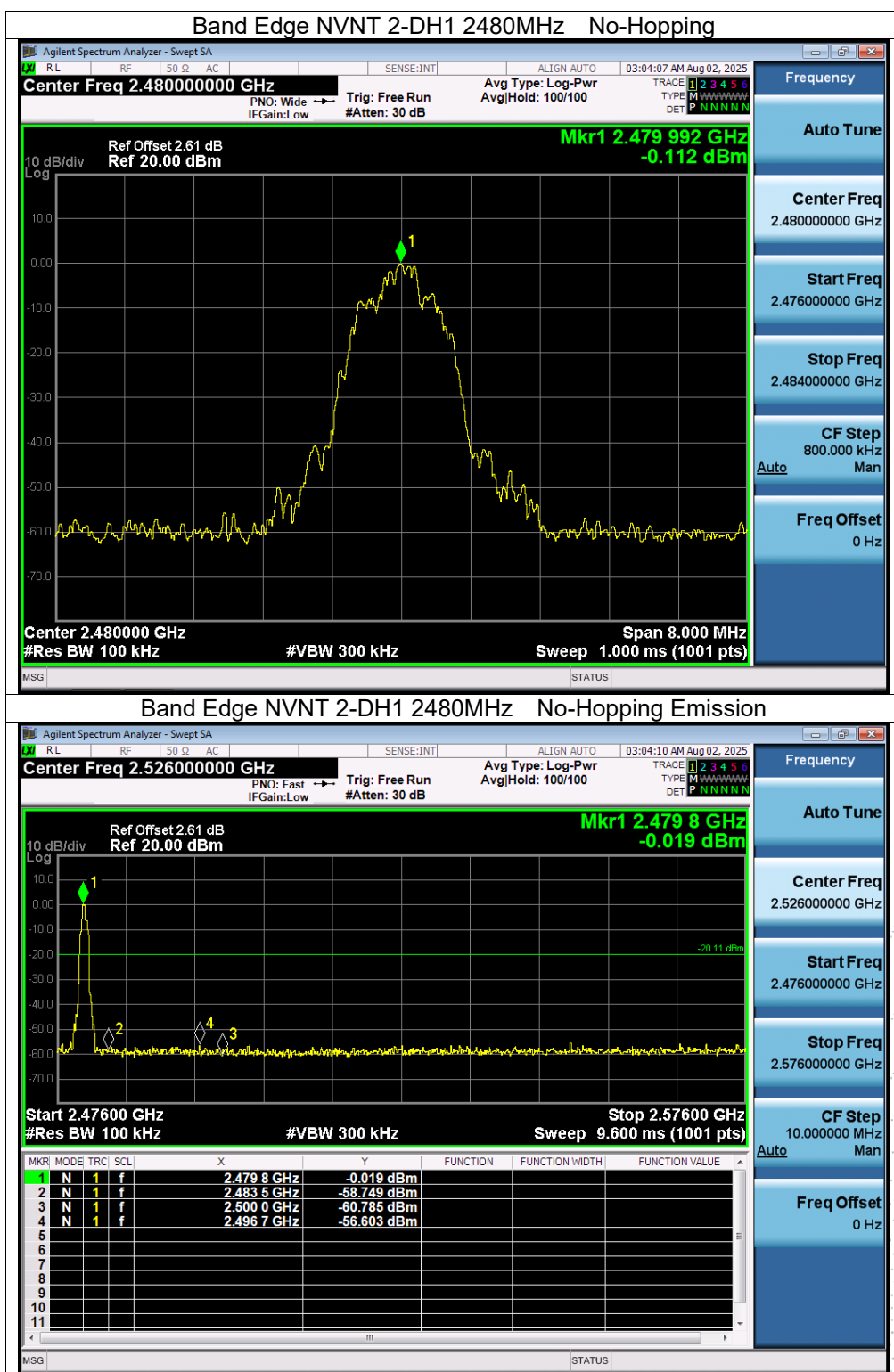


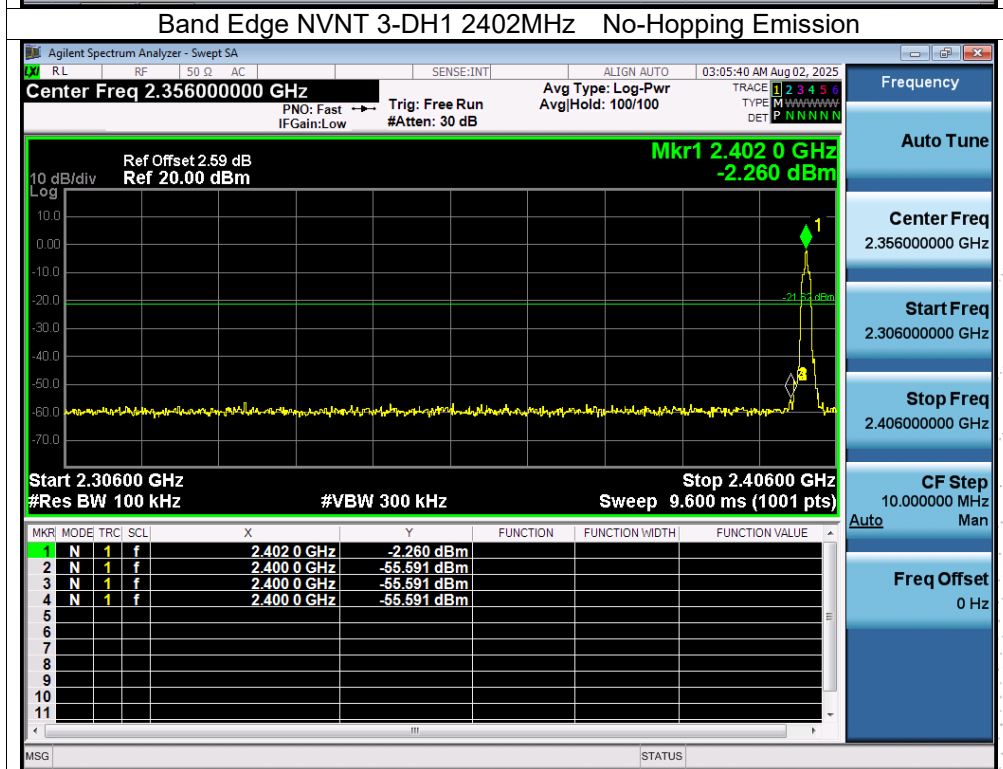
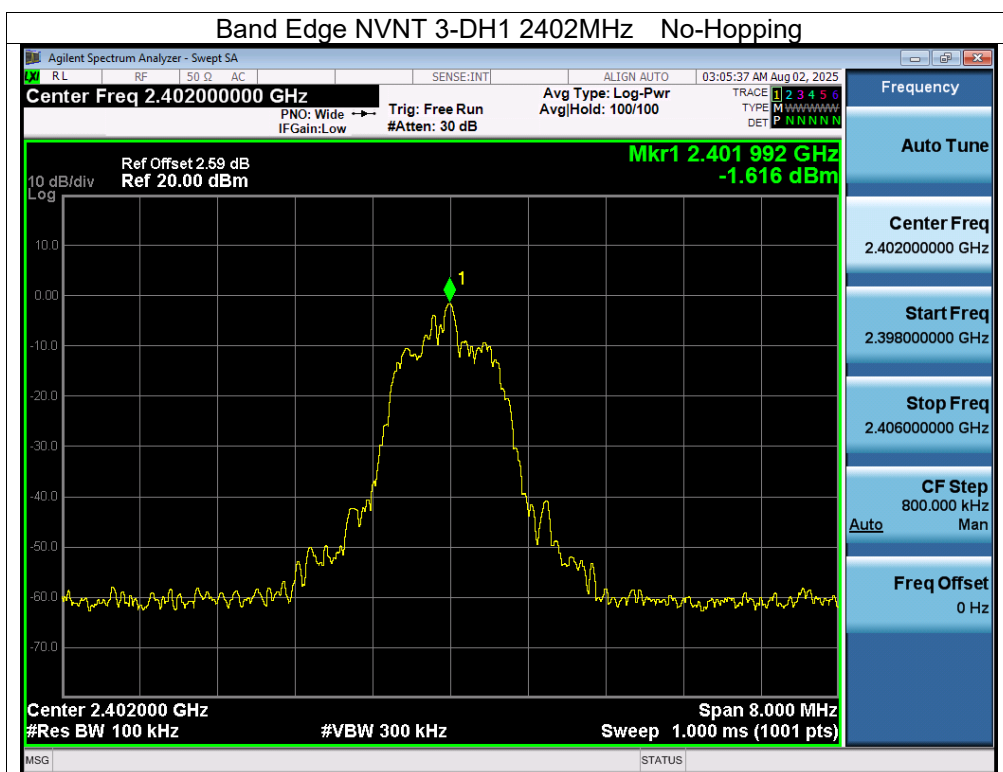


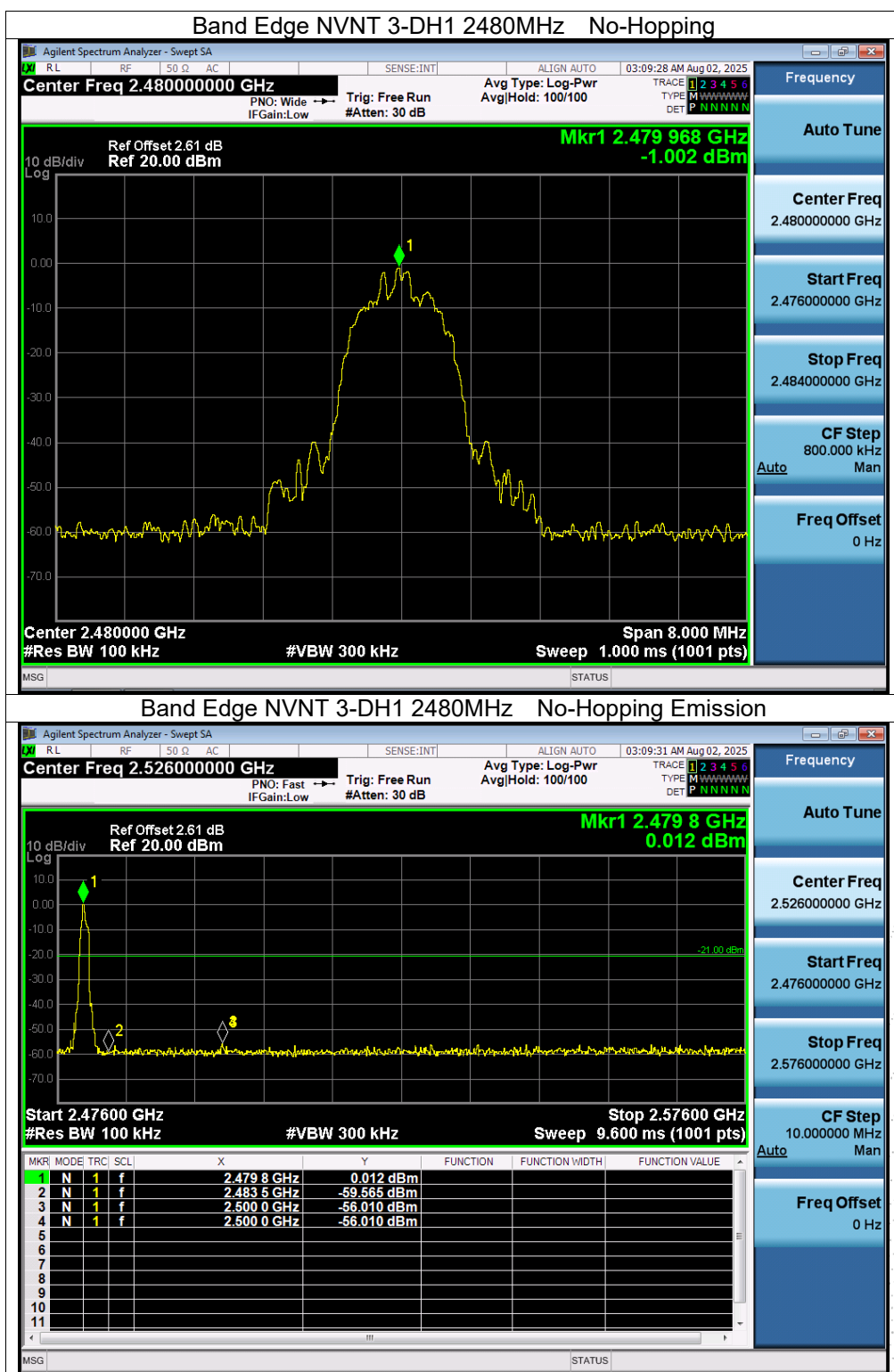
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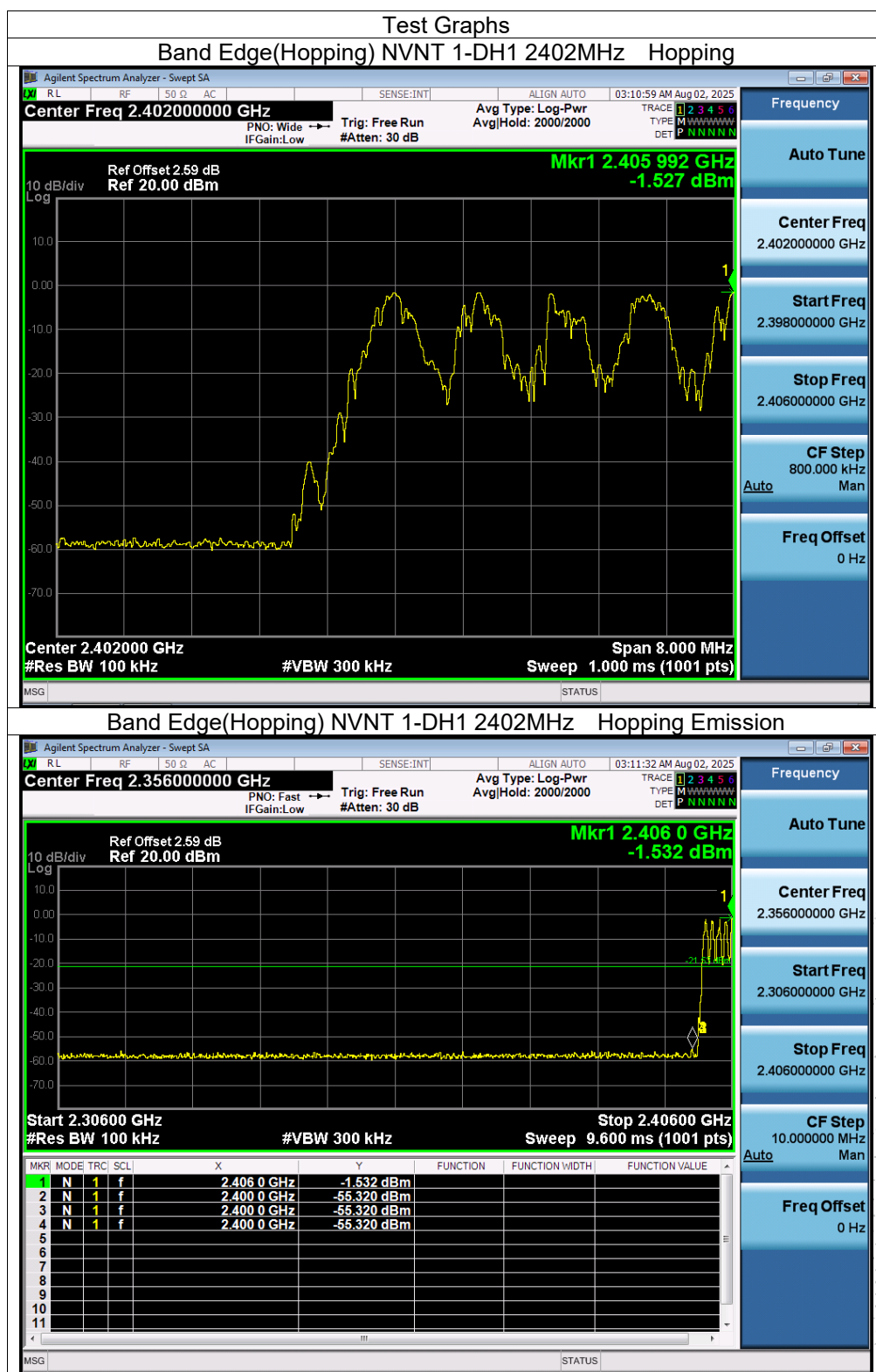




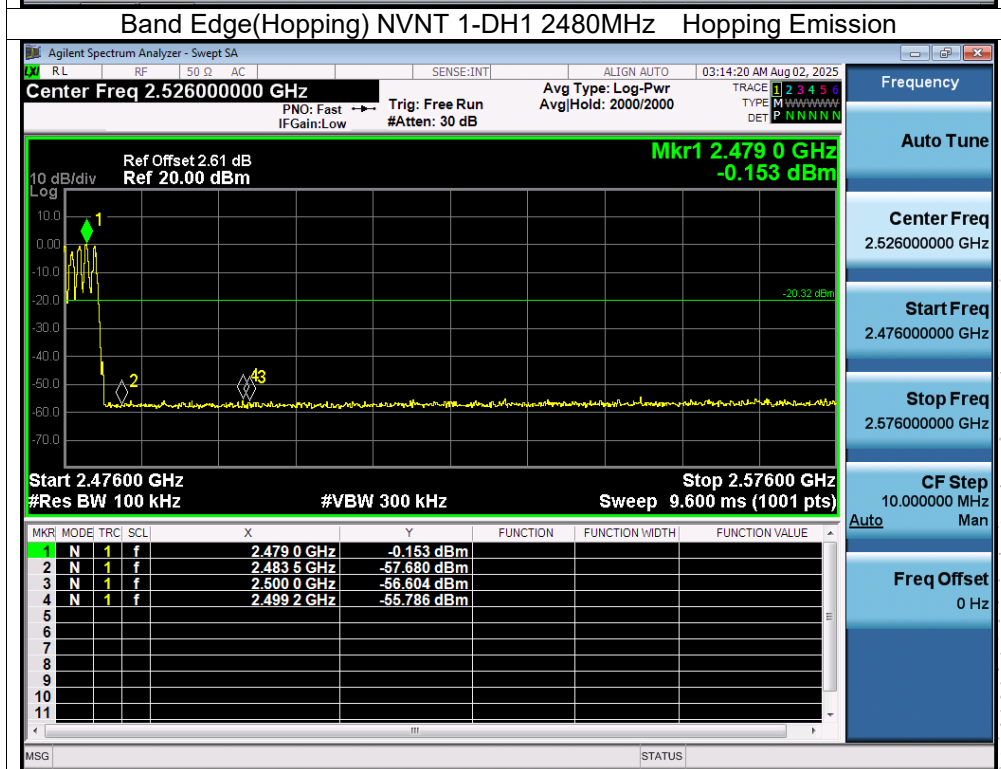
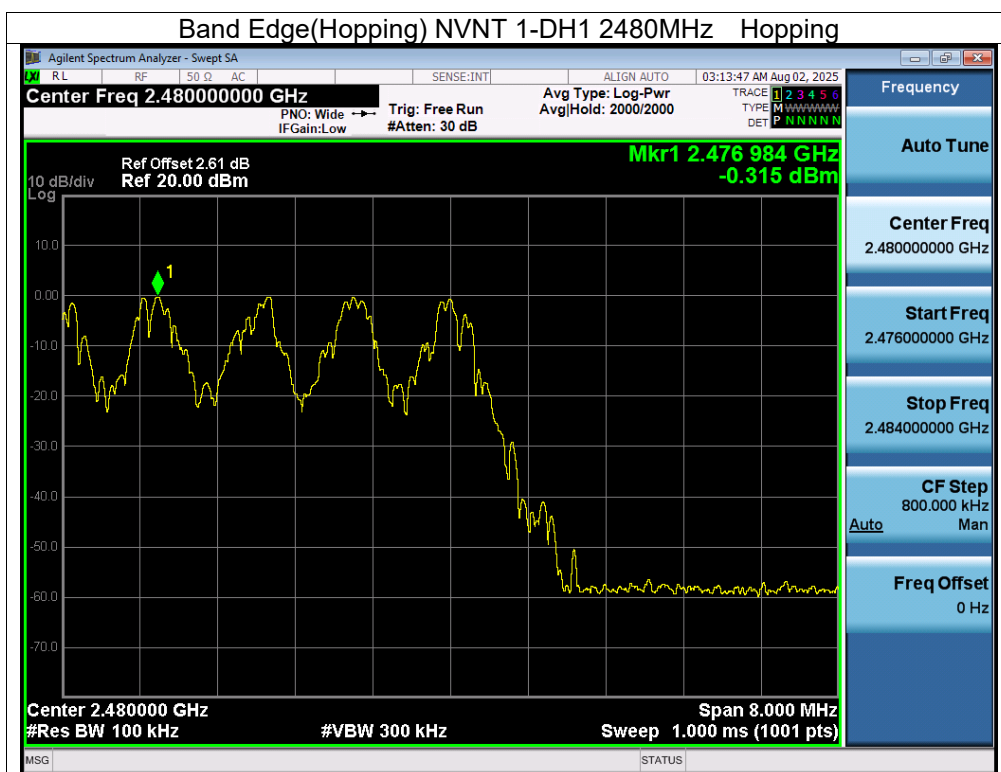


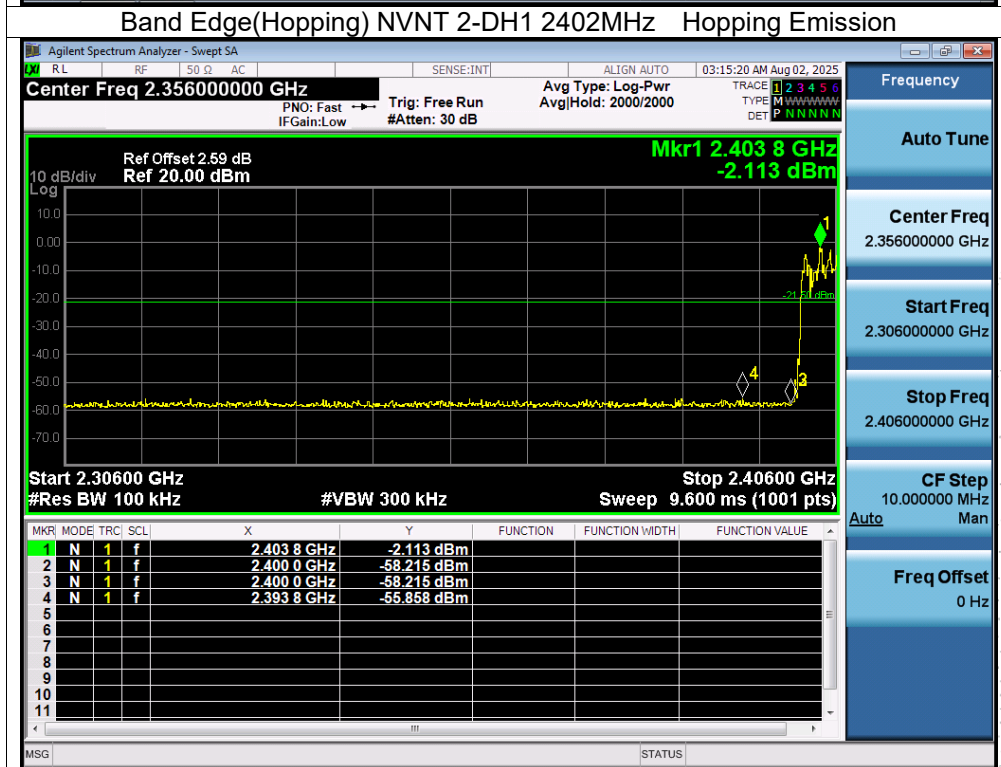
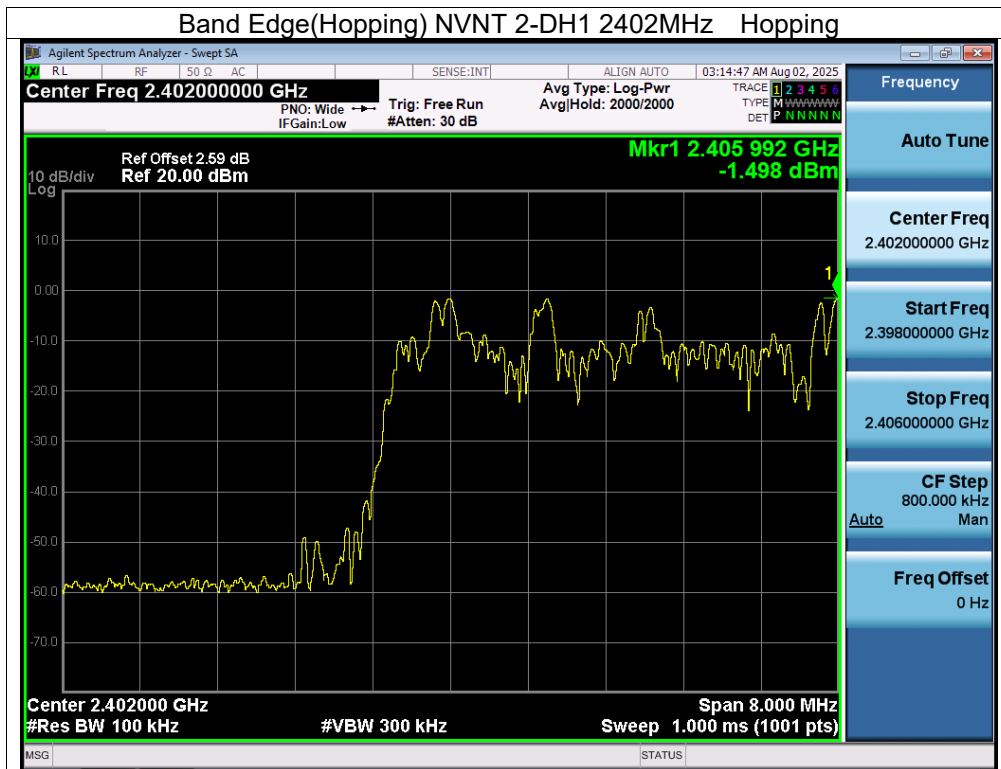


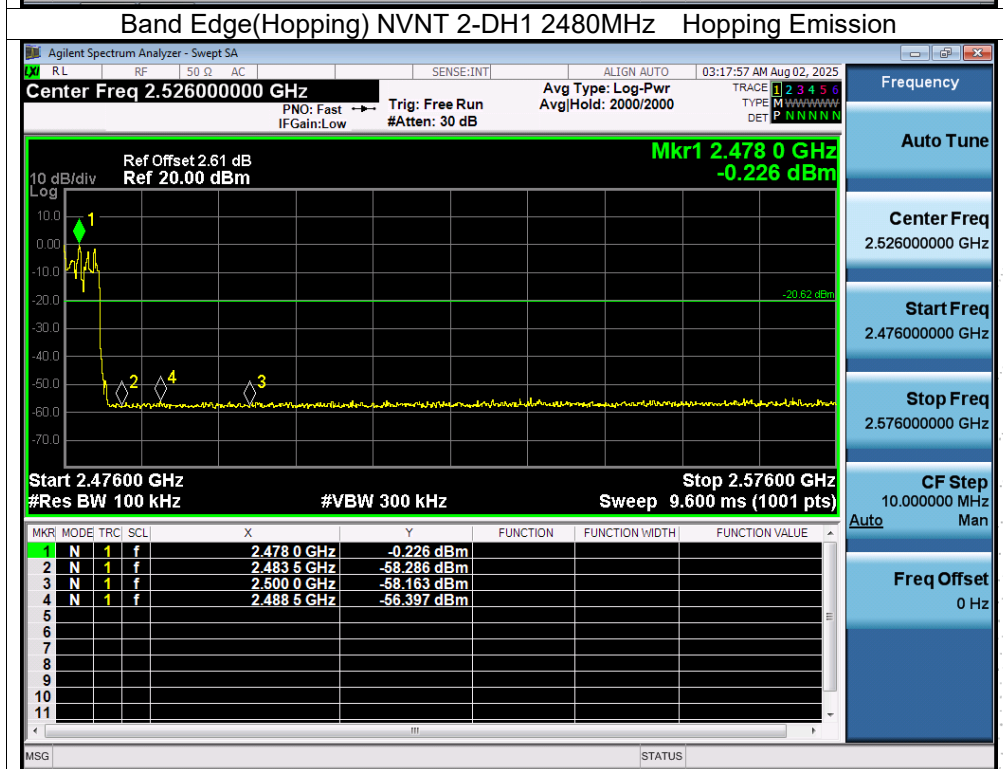


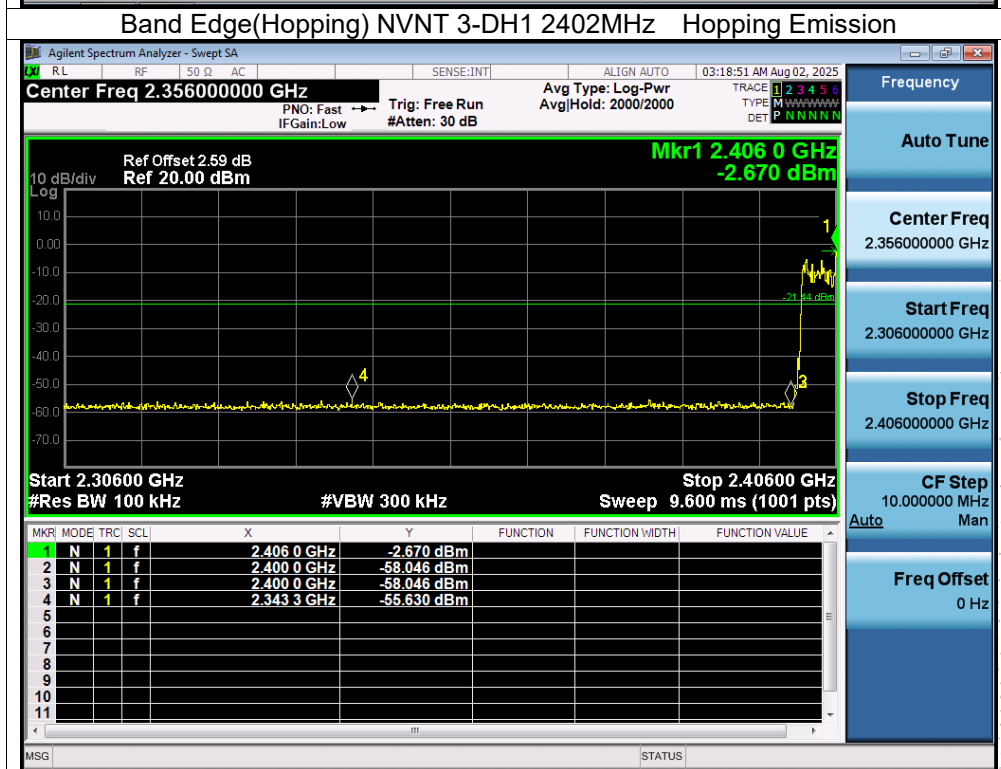


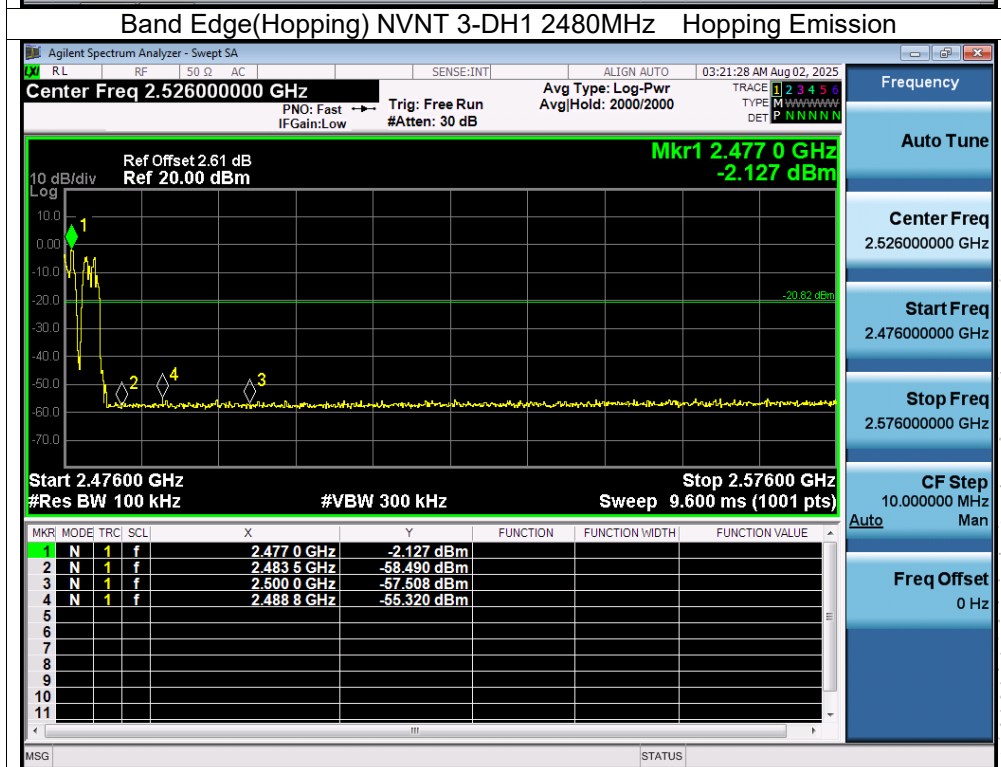
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10. 20 dB Bandwidth

10.1 Block Diagram Of Test Setup



10.2 Limit

N/A

10.3 Test procedure

1. Set RBW = 30 kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

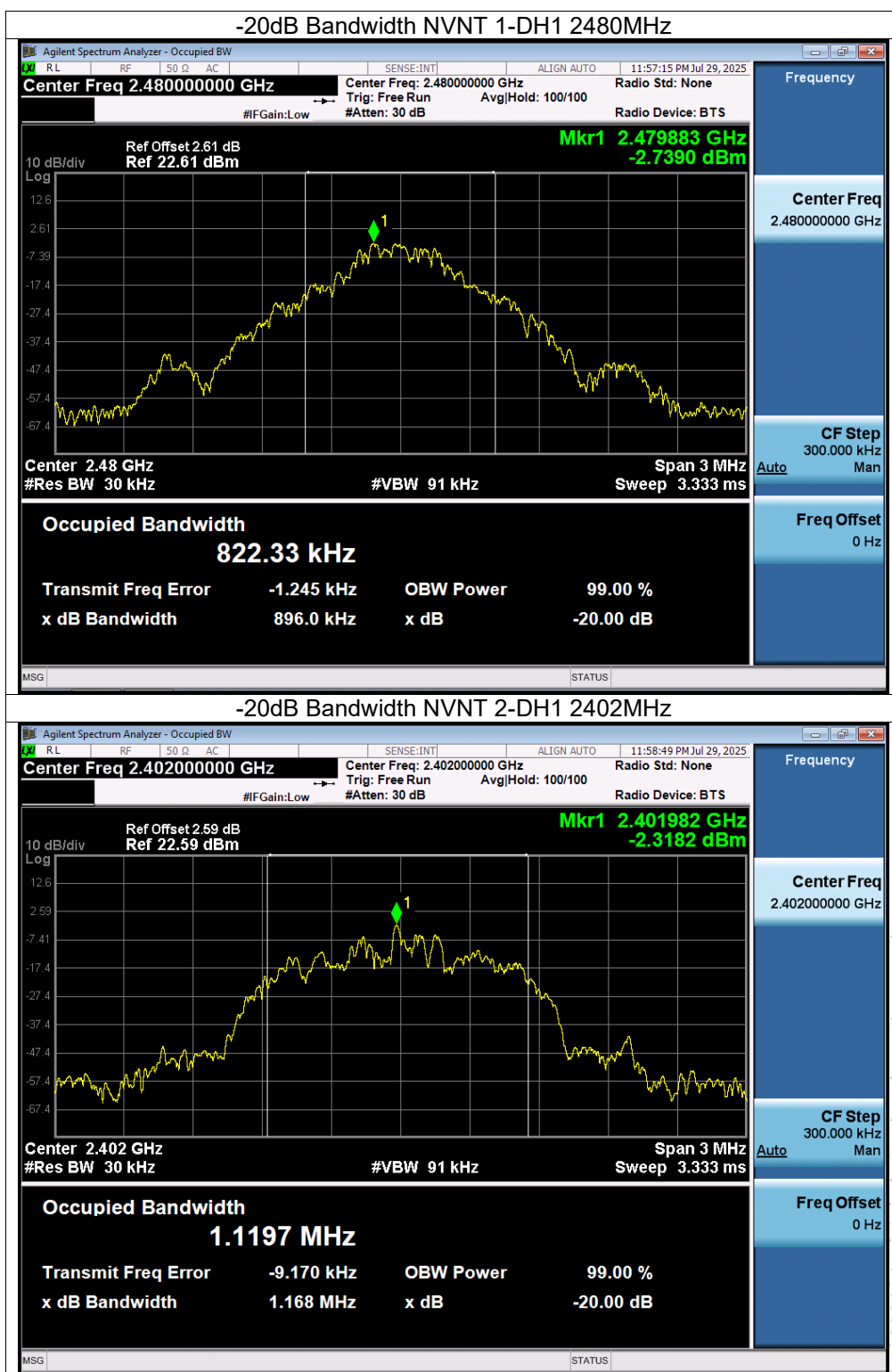
10.4 Test Result

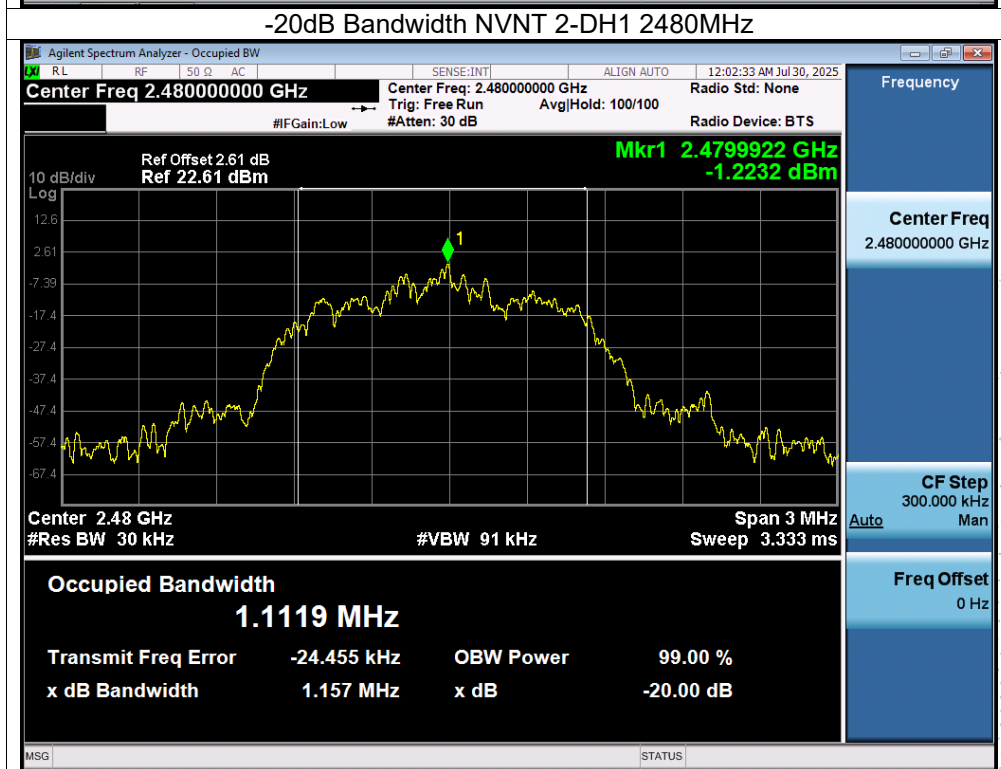
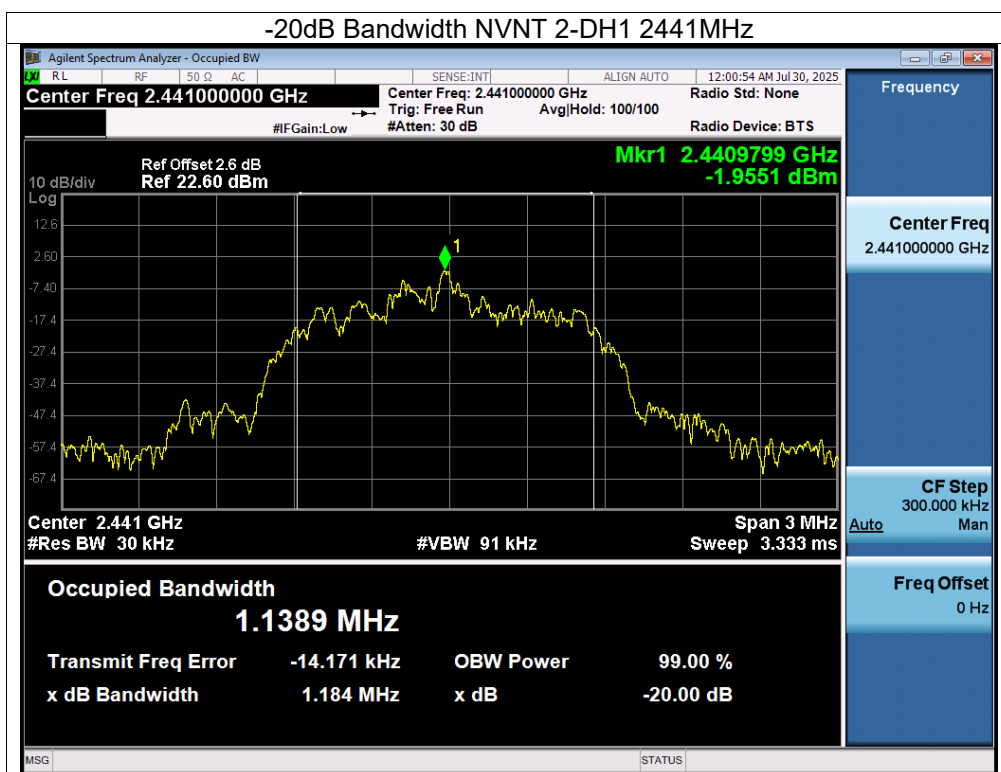
Temperature:	26°C	Relative Humidity:	54%
Test Voltage:	DC 3.85V	Remark:	N/A

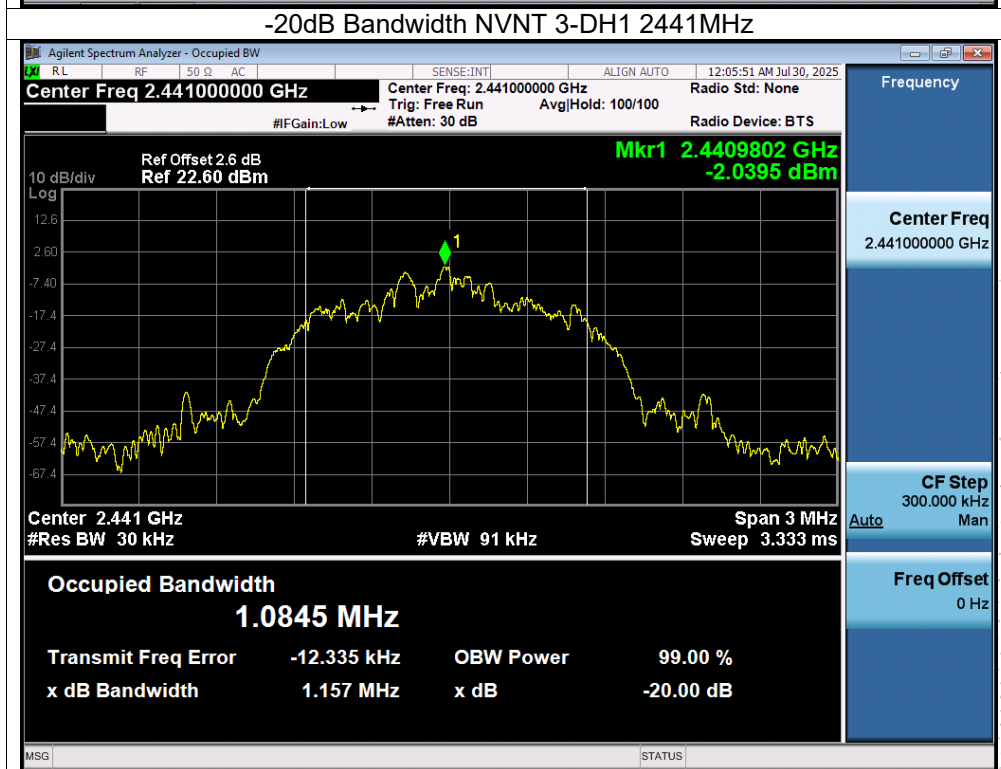
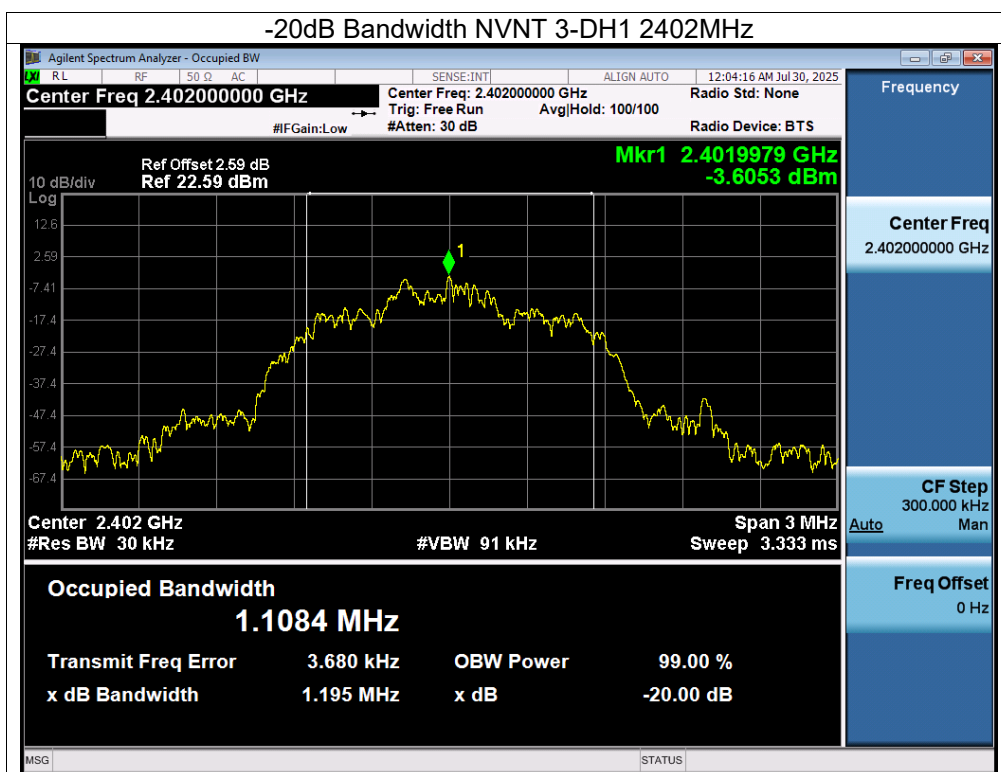
Left

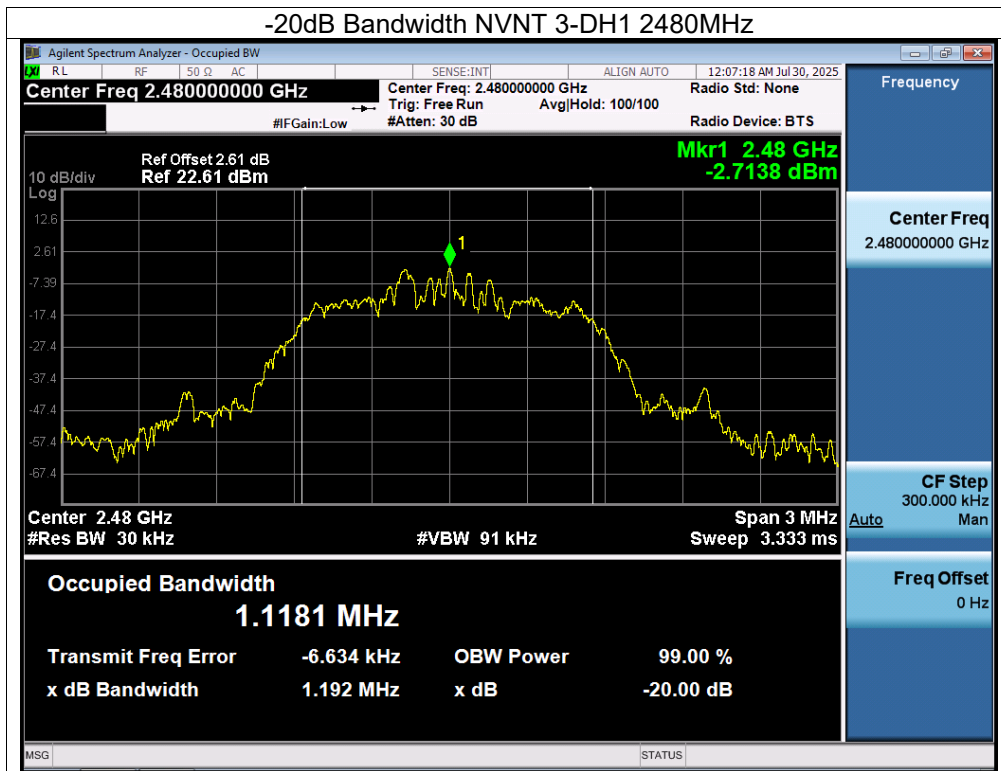
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	1.016	Pass
NVNT	1-DH1	2441	1.02	Pass
NVNT	1-DH1	2480	0.896	Pass
NVNT	2-DH1	2402	1.168	Pass
NVNT	2-DH1	2441	1.184	Pass
NVNT	2-DH1	2480	1.157	Pass
NVNT	3-DH1	2402	1.195	Pass
NVNT	3-DH1	2441	1.157	Pass
NVNT	3-DH1	2480	1.192	Pass







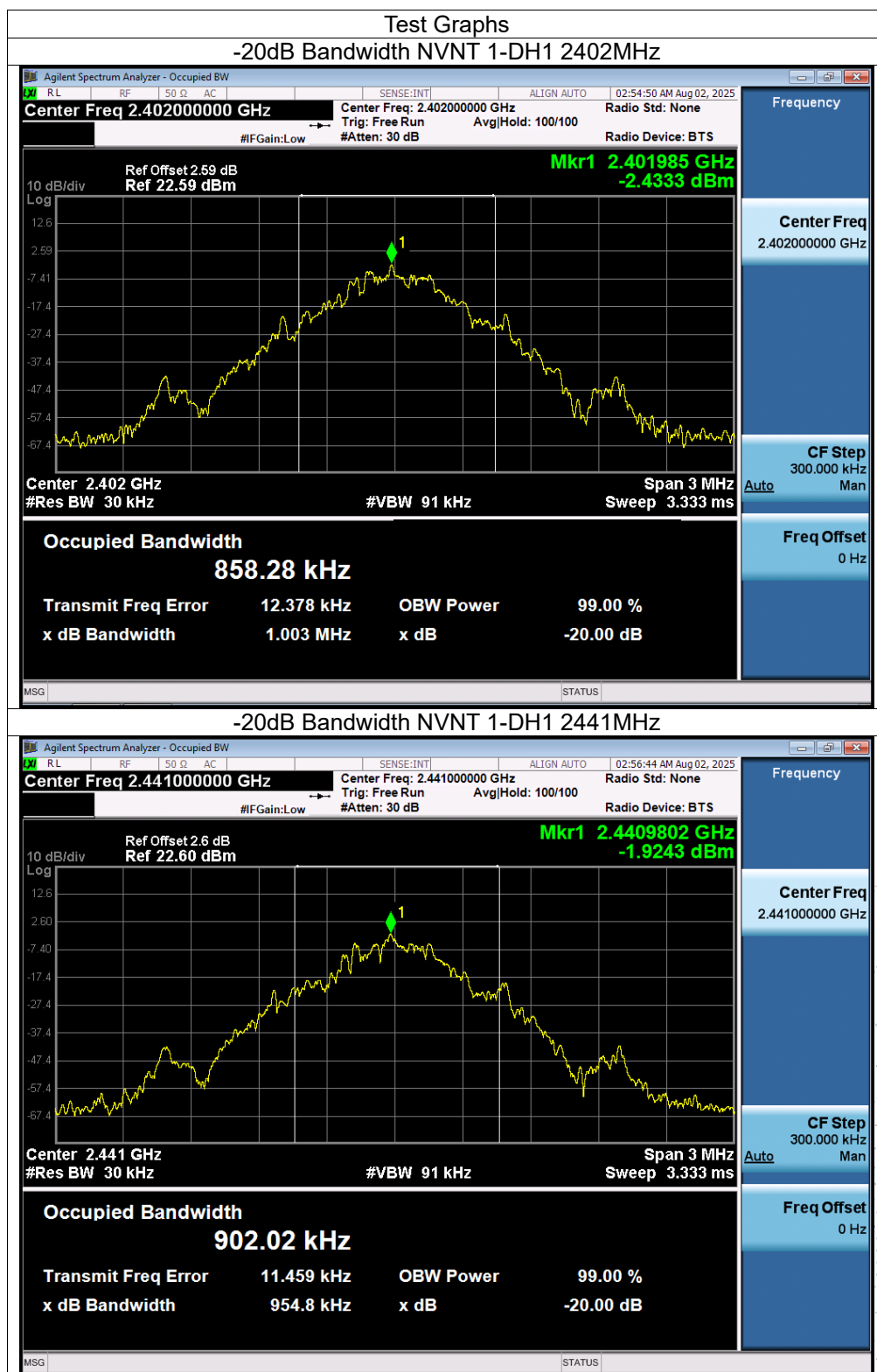


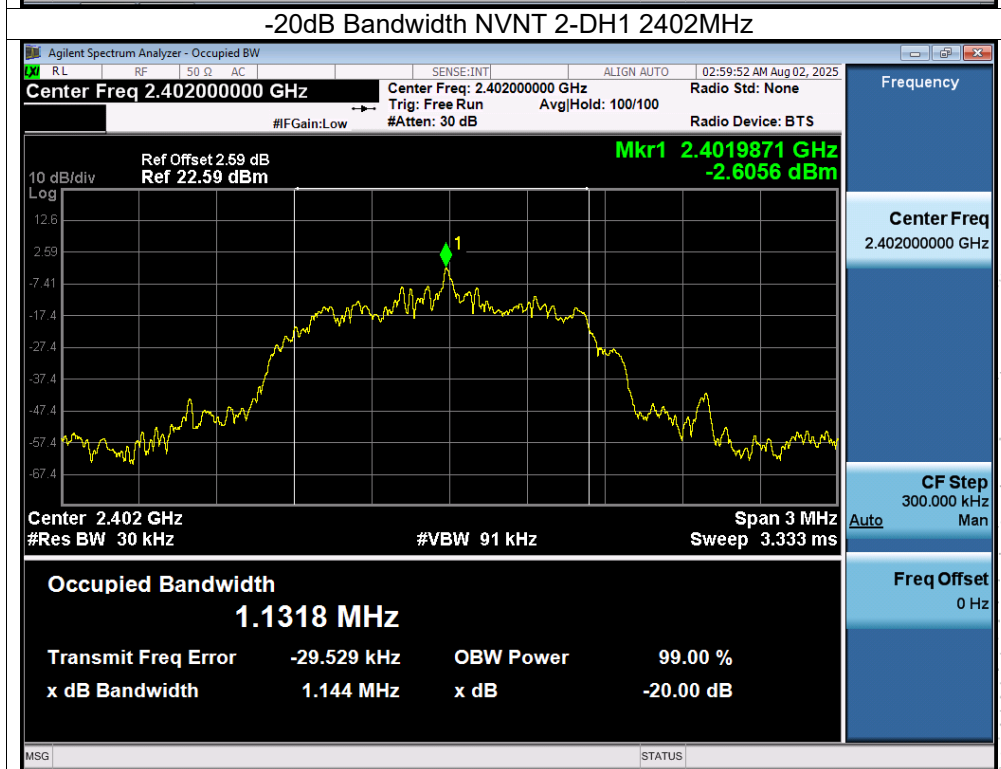
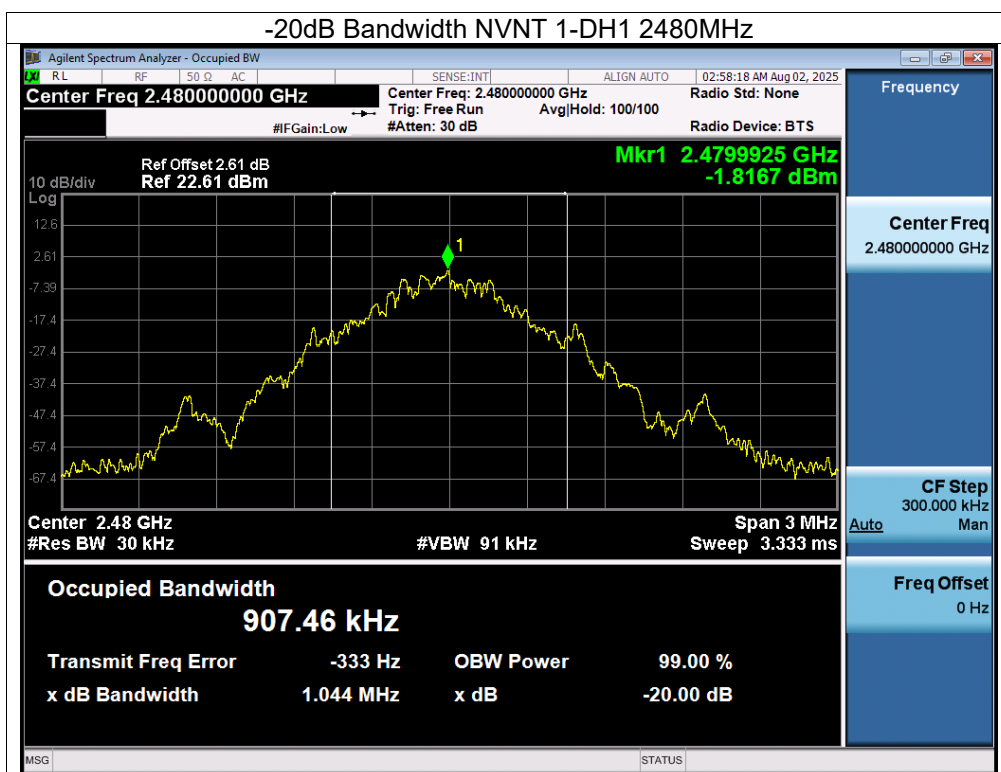


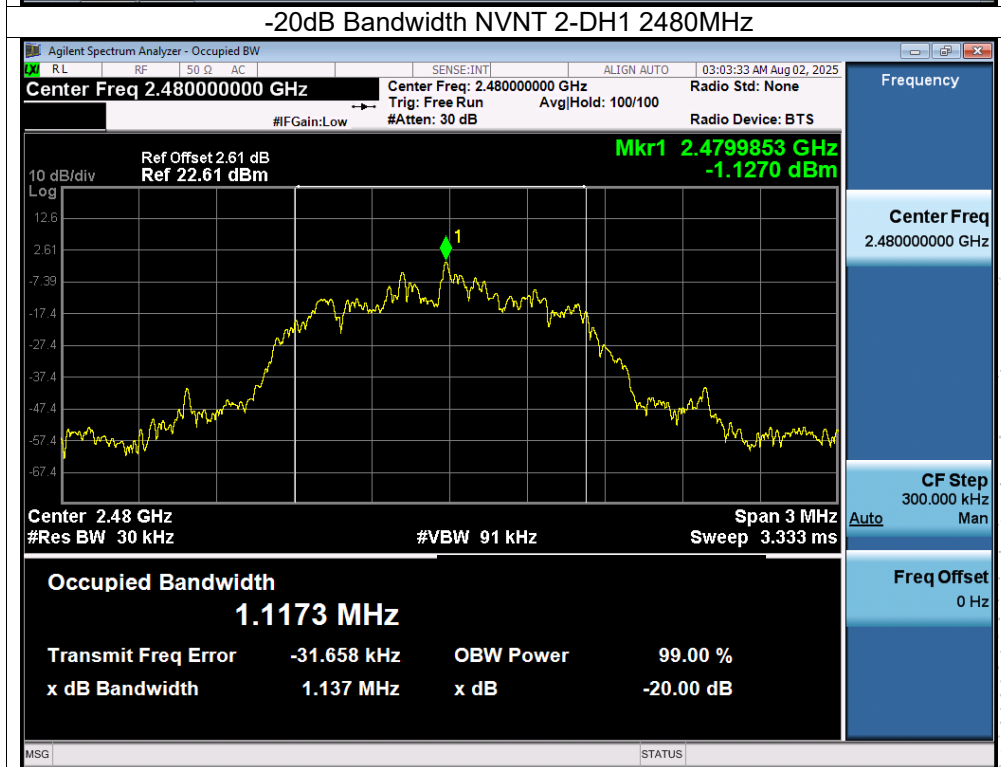
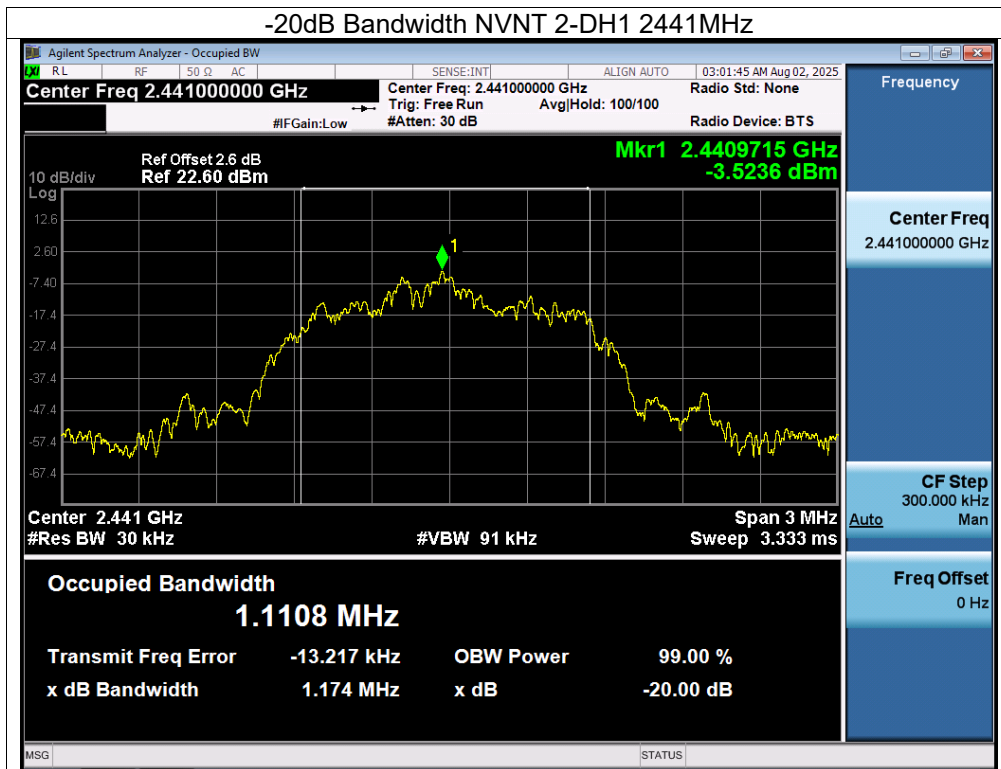
Right

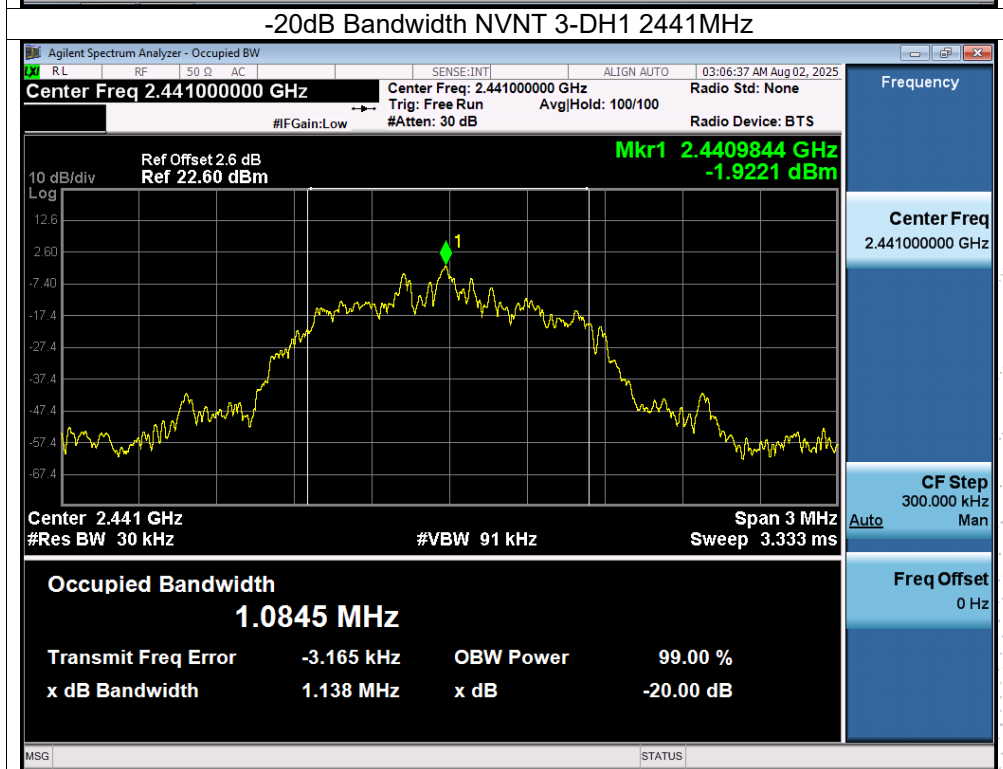
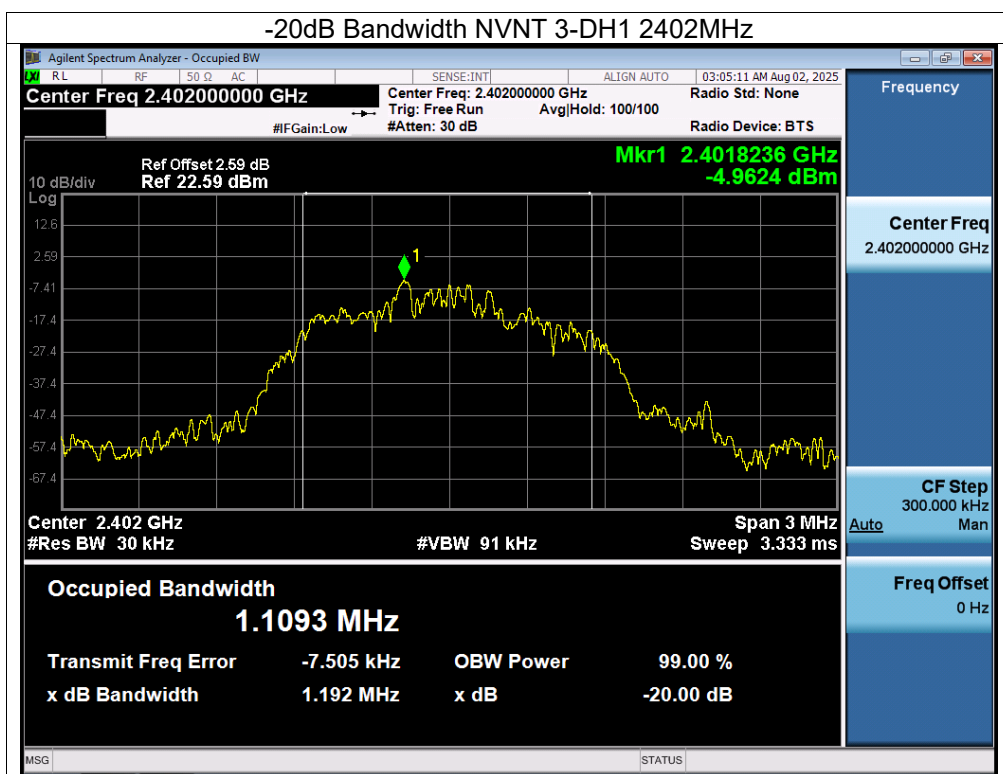
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	1.003	Pass
NVNT	1-DH1	2441	0.955	Pass
NVNT	1-DH1	2480	1.044	Pass
NVNT	2-DH1	2402	1.144	Pass
NVNT	2-DH1	2441	1.174	Pass
NVNT	2-DH1	2480	1.137	Pass
NVNT	3-DH1	2402	1.192	Pass
NVNT	3-DH1	2441	1.138	Pass
NVNT	3-DH1	2480	1.179	Pass

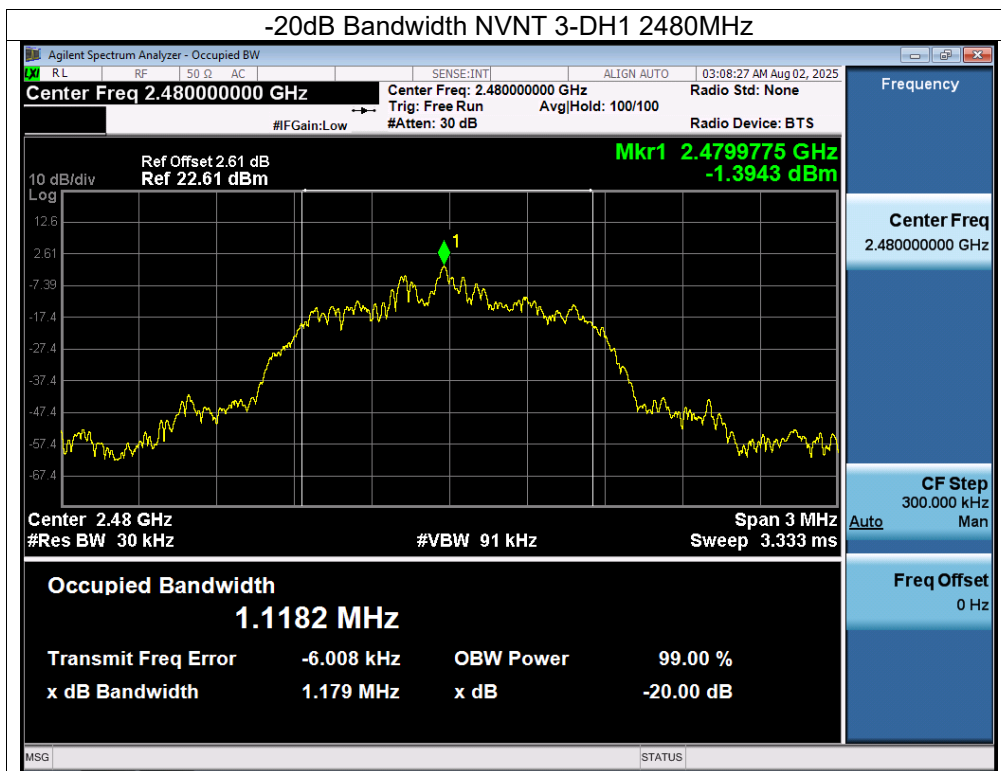
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11. Maximum Peak Output Power

11.1 Block Diagram Of Test Setup



11.2 Limit

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(1)	Peak Output Power	0.125 watt or 21dBm	2400-2483.5	PASS

11.3 Test procedure

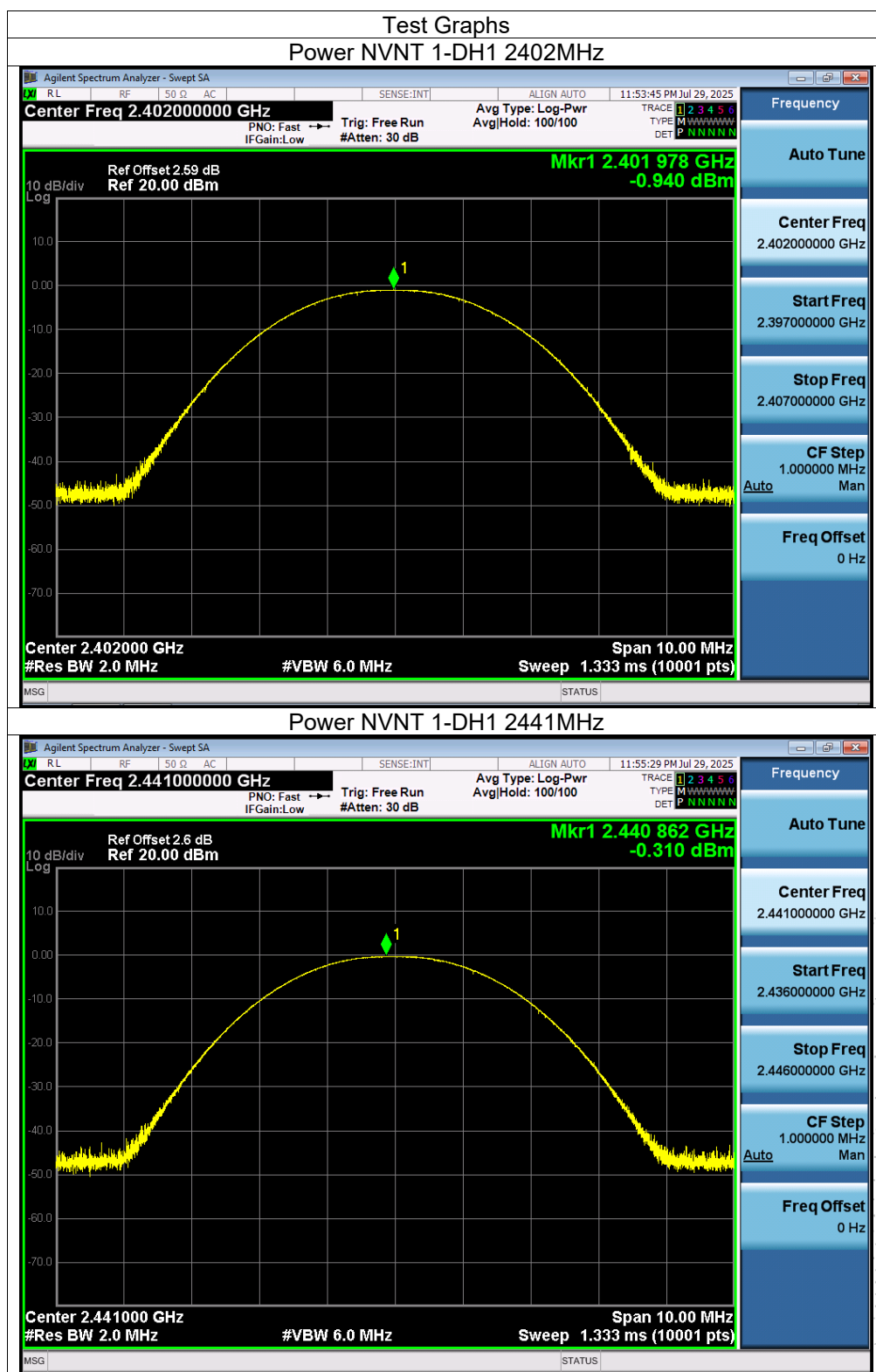
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW = 2MHz. VBW = 6MHz. Sweep = auto; Detector Function = Peak.
3. Keep the EUT in transmitting at lowest, medium and highest channel individually. Record the max value.

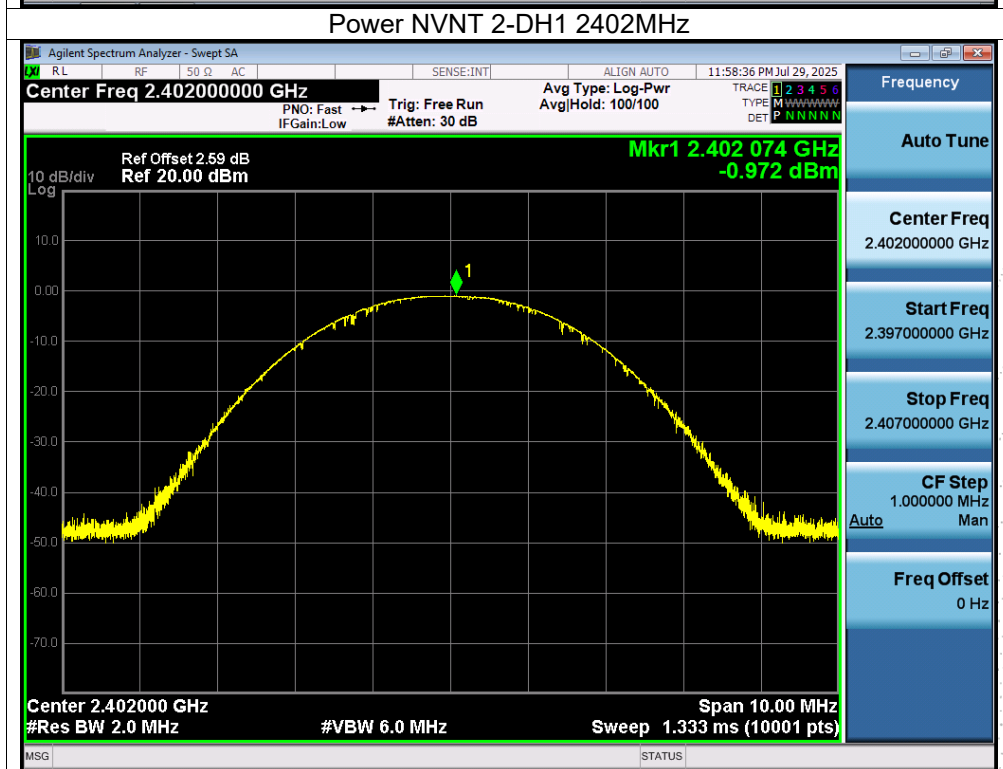
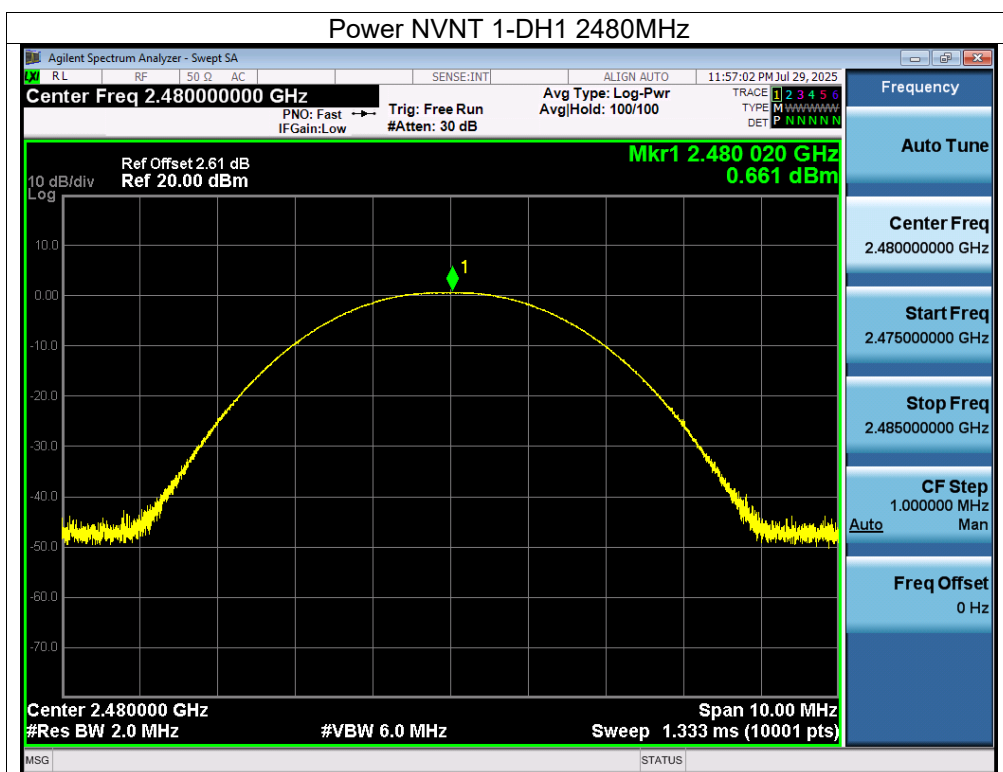
11.4 Test Result

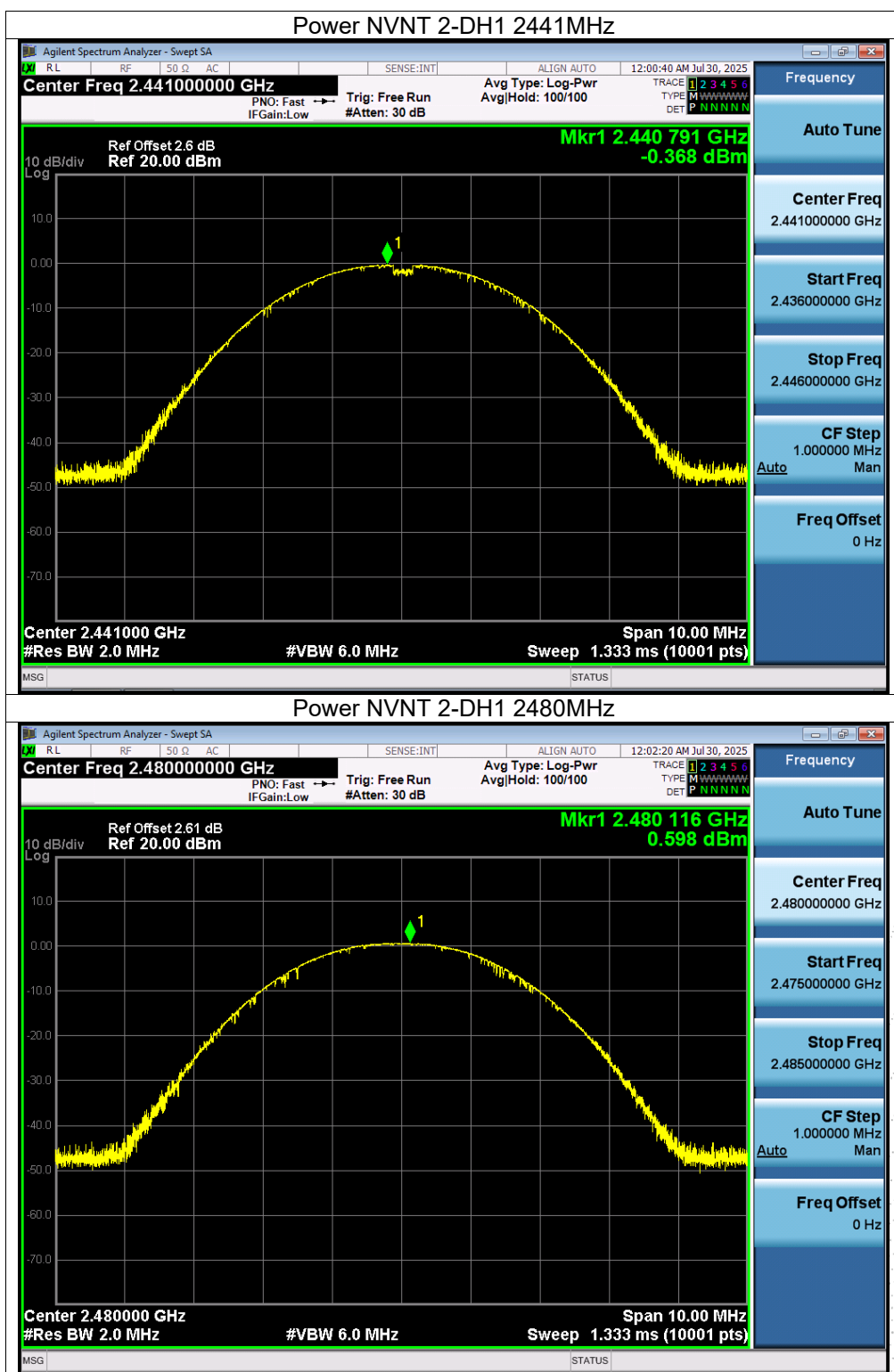
Temperature:	26°C	Relative Humidity:	54%
Test Voltage:	DC 3.85V	Remark:	N/A

Left

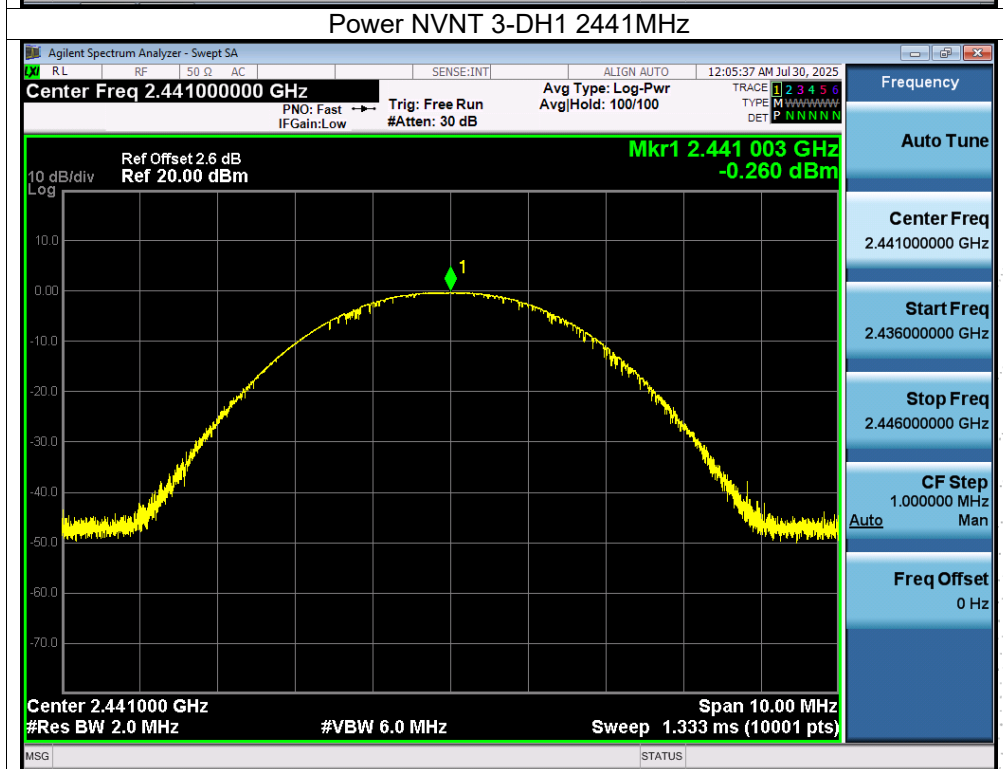
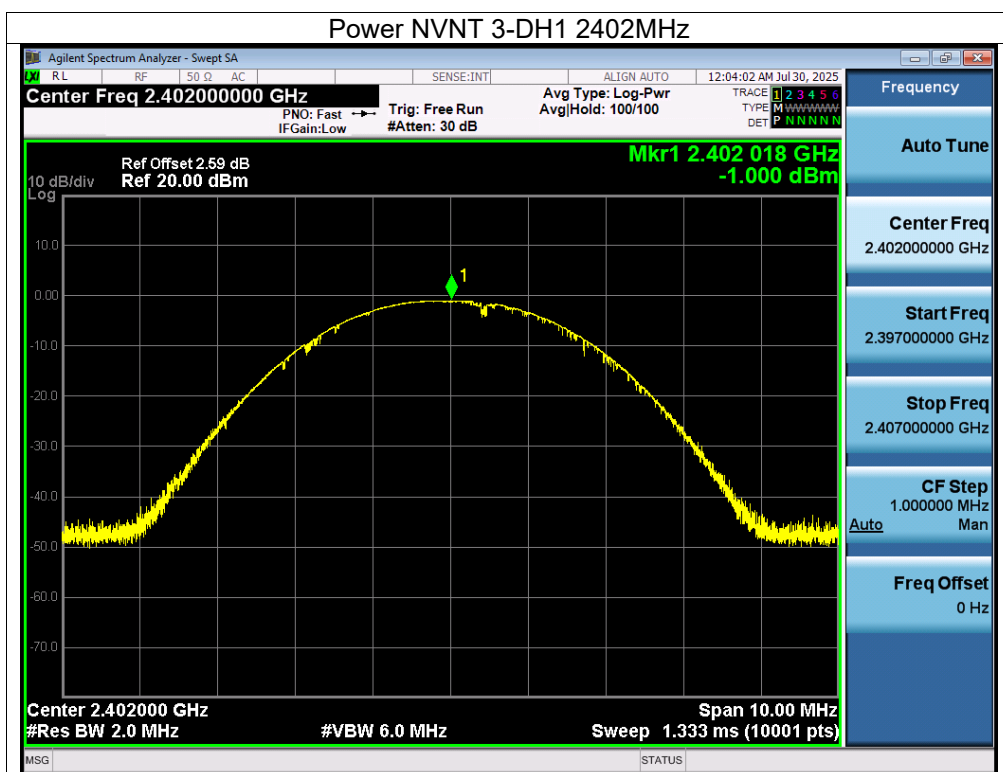
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	-0.94	21	Pass
NVNT	1-DH1	2441	-0.31	21	Pass
NVNT	1-DH1	2480	0.66	21	Pass
NVNT	2-DH1	2402	-0.97	21	Pass
NVNT	2-DH1	2441	-0.37	21	Pass
NVNT	2-DH1	2480	0.6	21	Pass
NVNT	3-DH1	2402	-1	21	Pass
NVNT	3-DH1	2441	-0.26	21	Pass
NVNT	3-DH1	2480	0.59	21	Pass

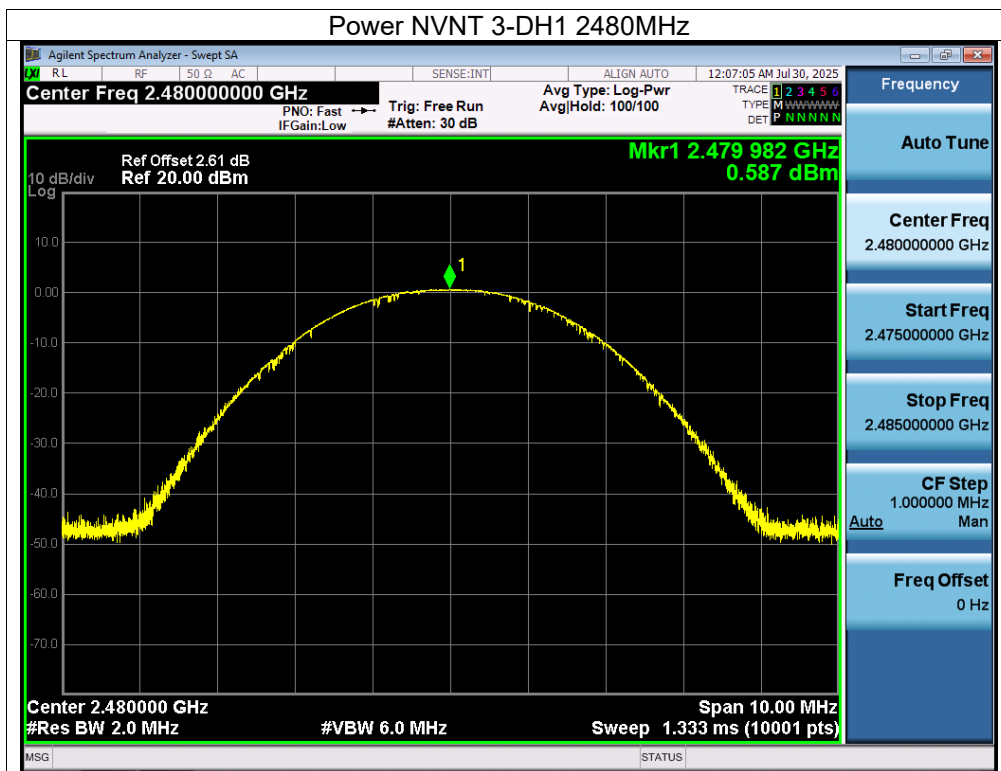






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PPR
Report



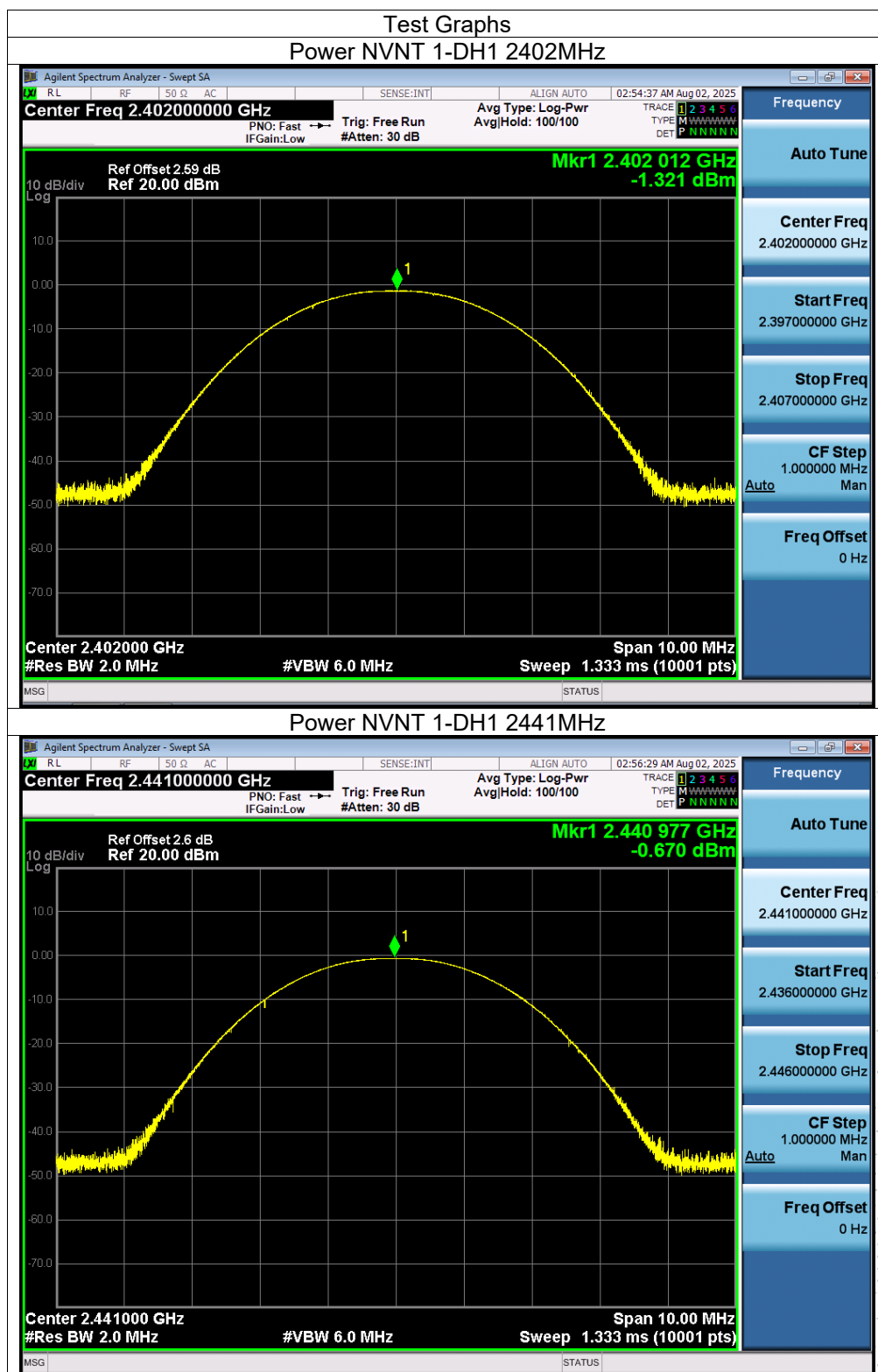


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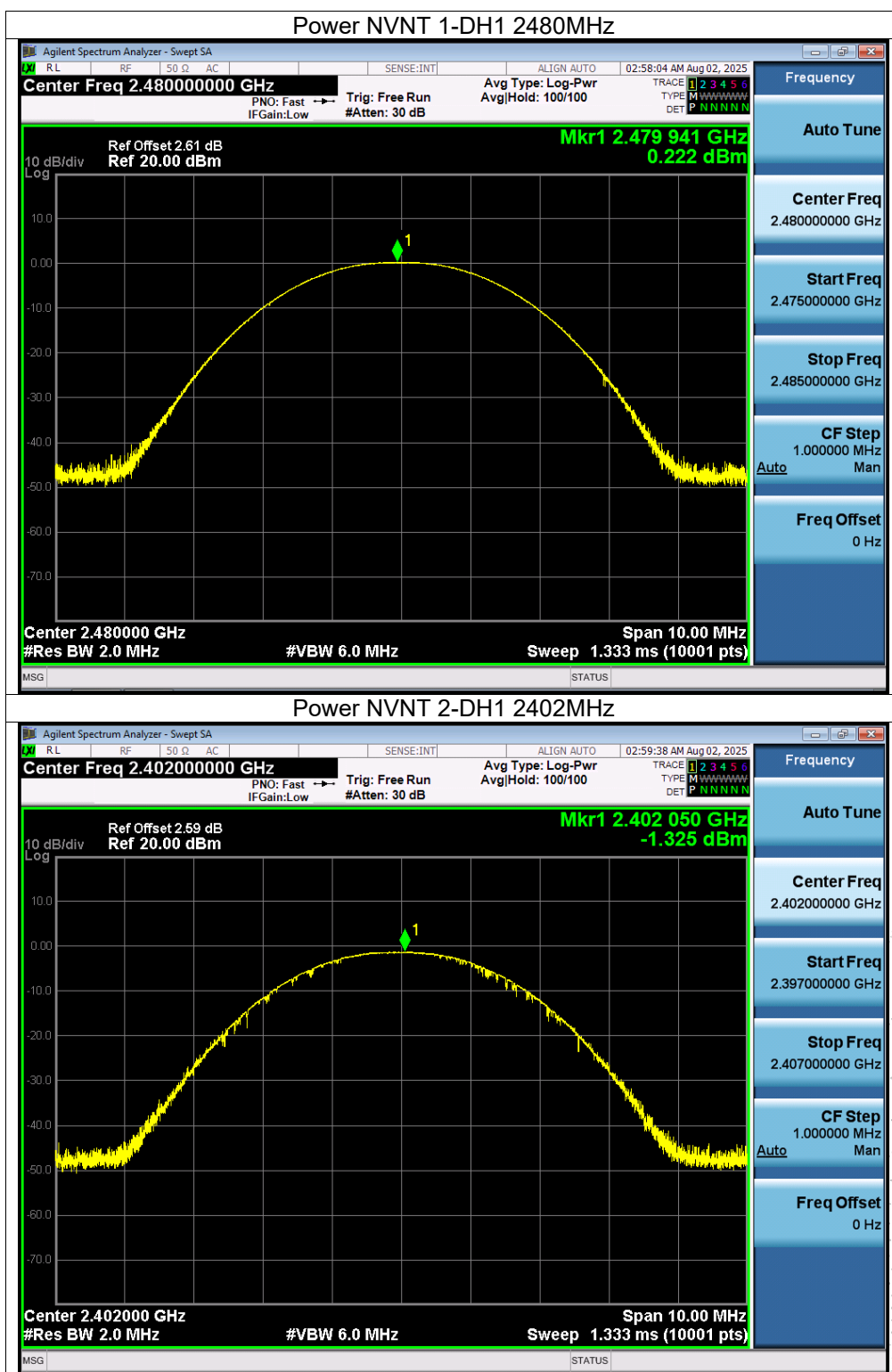
Right

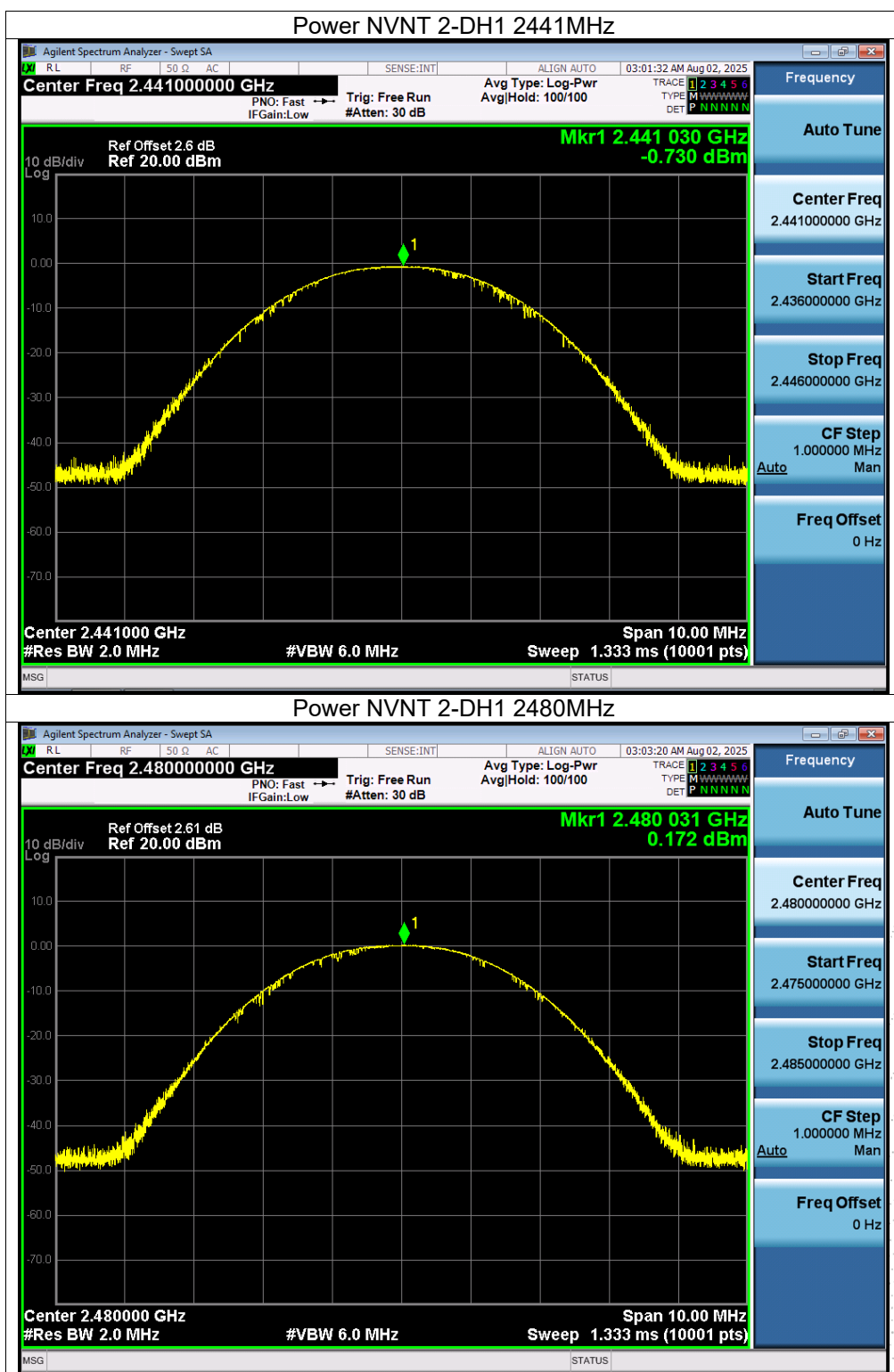
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	-1.32	21	Pass
NVNT	1-DH1	2441	-0.67	21	Pass
NVNT	1-DH1	2480	0.22	21	Pass
NVNT	2-DH1	2402	-1.33	21	Pass
NVNT	2-DH1	2441	-0.73	21	Pass
NVNT	2-DH1	2480	0.17	21	Pass
NVNT	3-DH1	2402	-1.37	21	Pass
NVNT	3-DH1	2441	-0.68	21	Pass
NVNT	3-DH1	2480	0.2	21	Pass

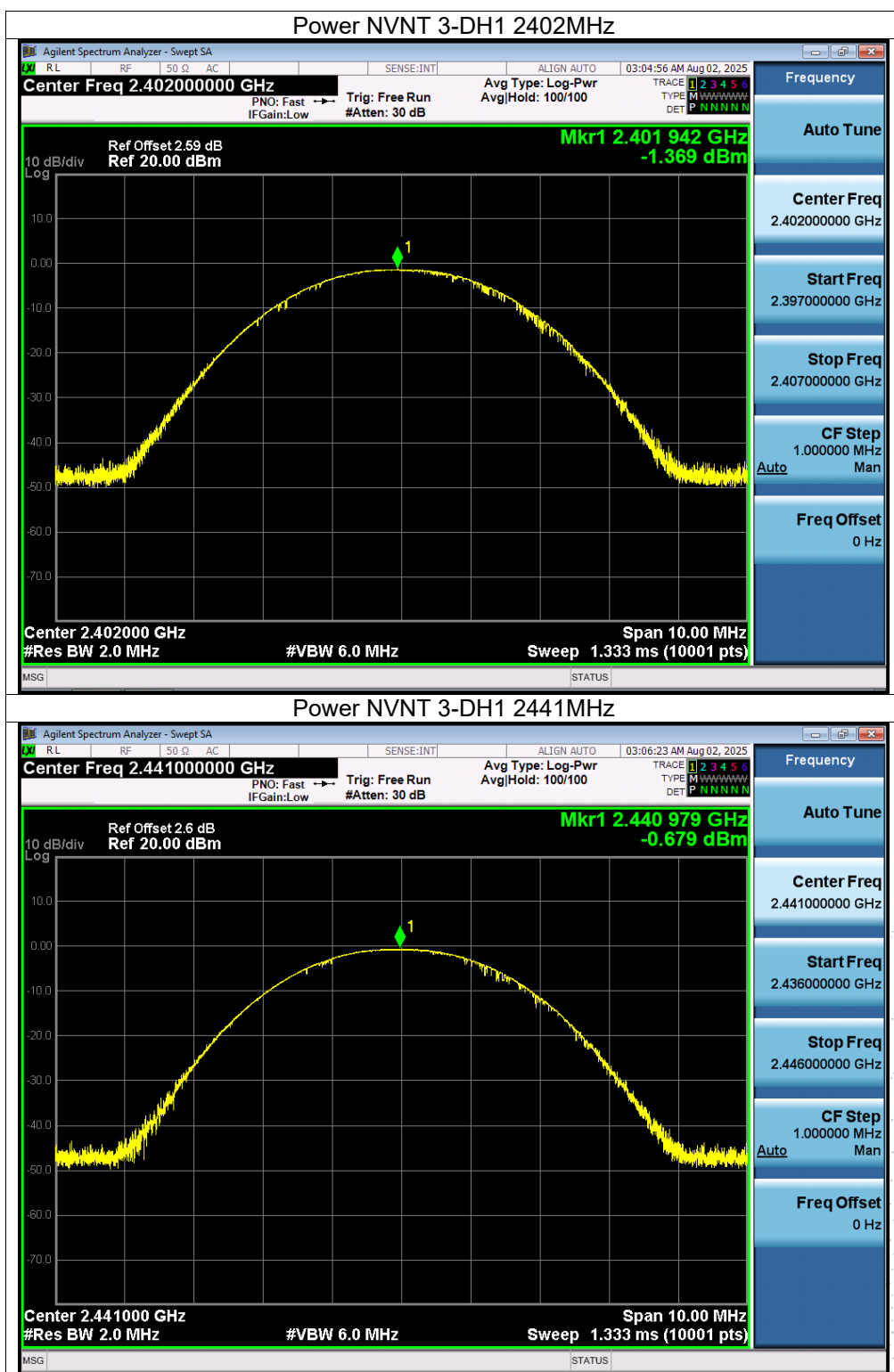
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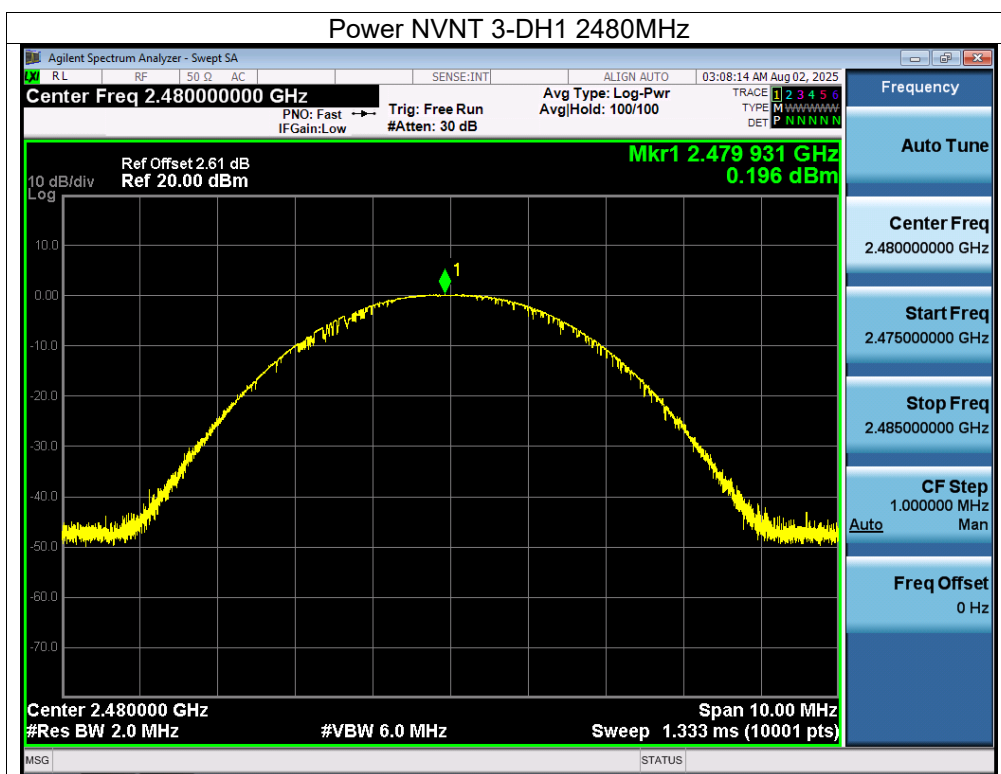


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12. Hopping Channel Separation

12.1 Block Diagram Of Test Setup



12.2 Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 0.125W.

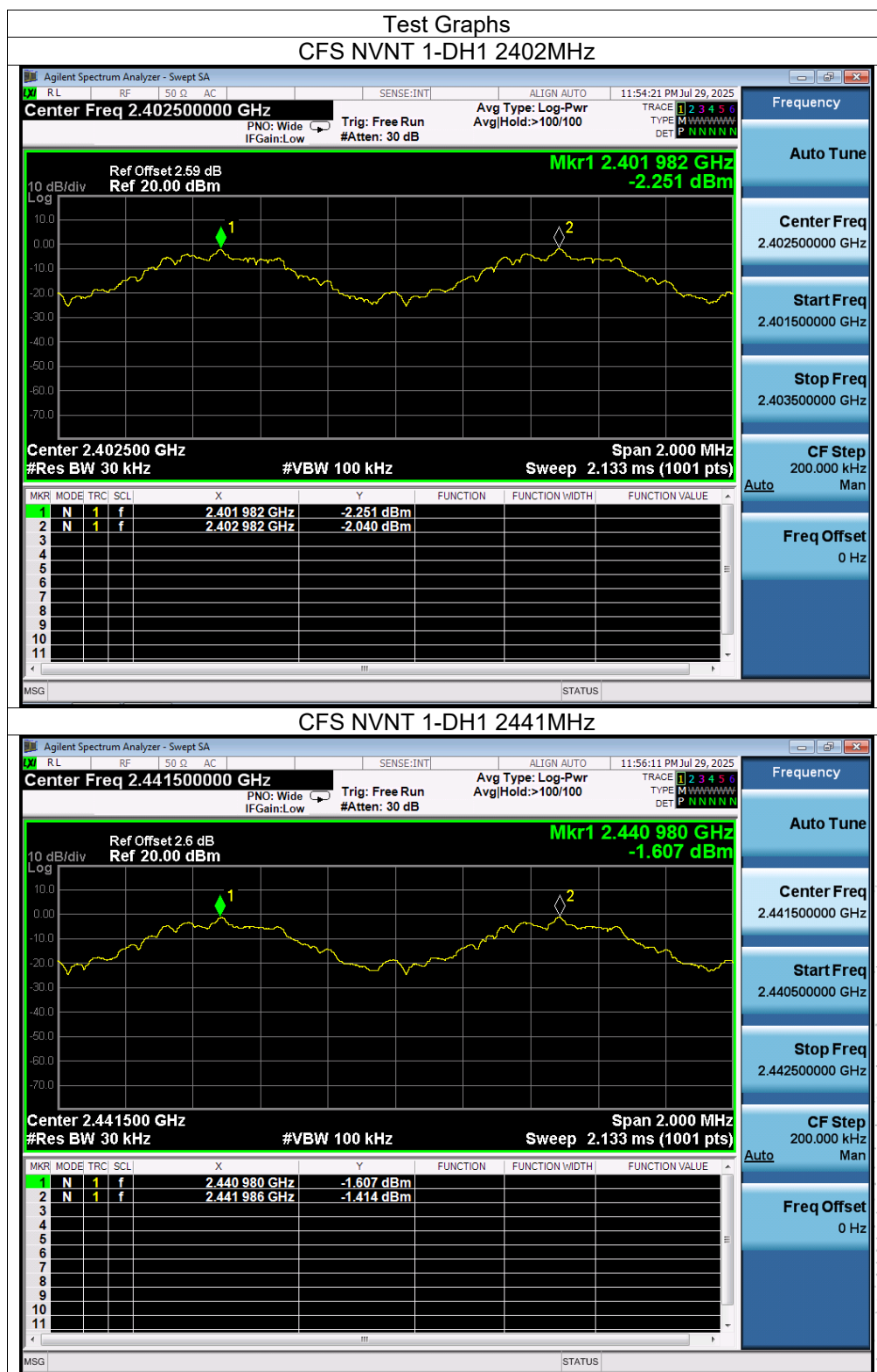
12.3 Test procedure

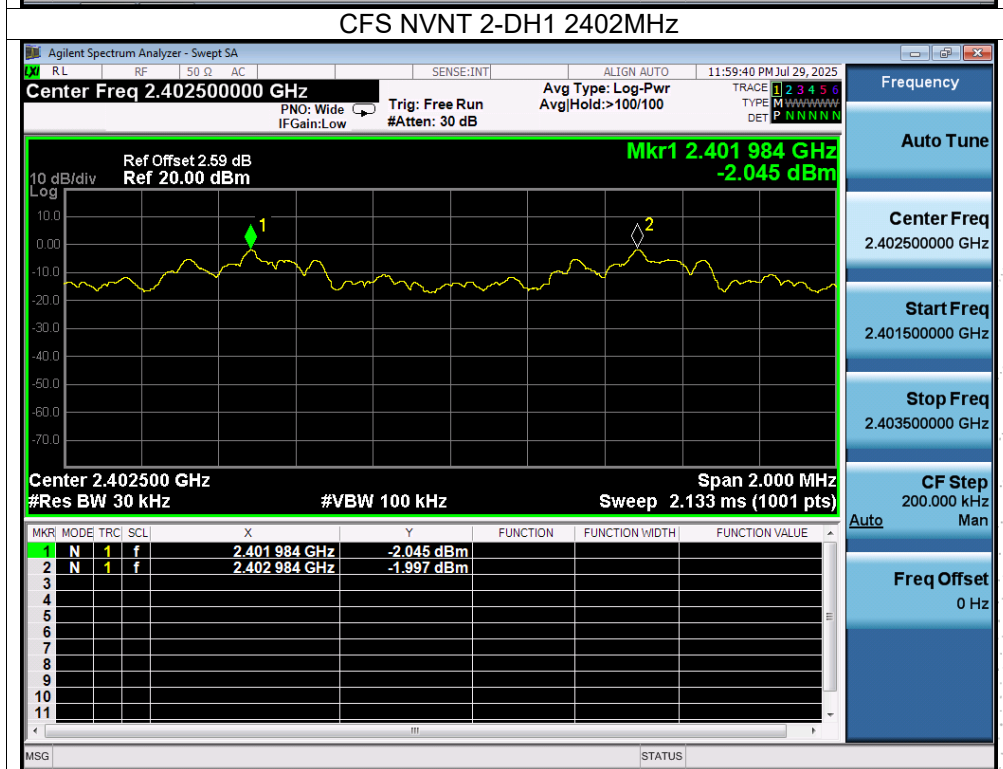
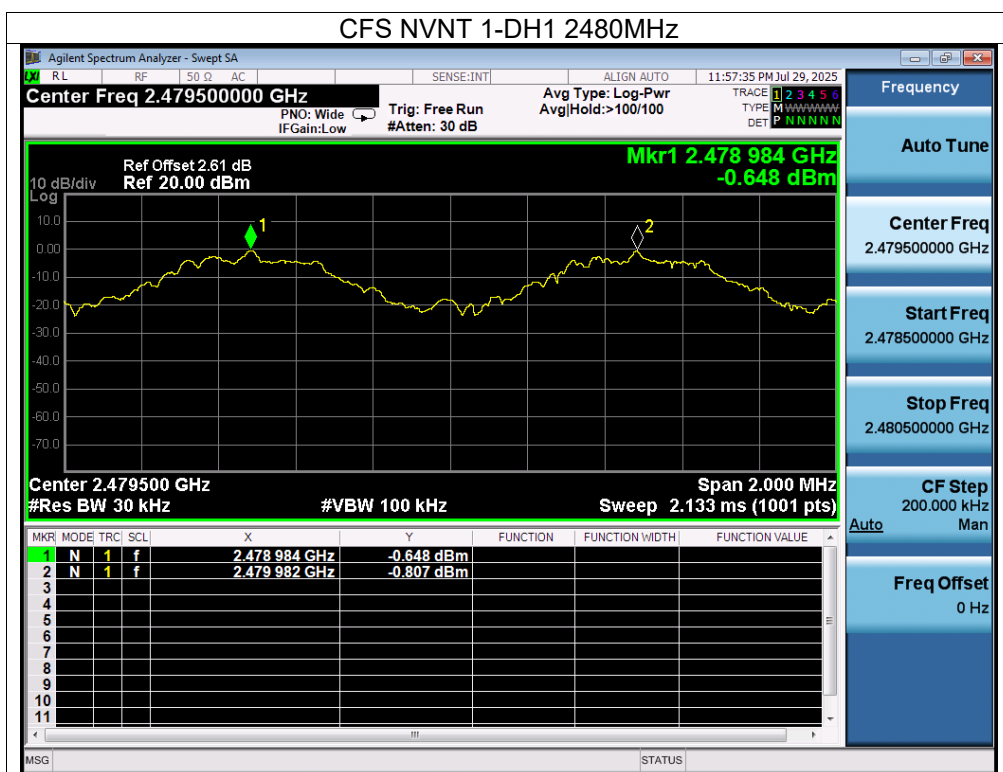
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW = 30 kHz. VBW = 100 kHz, Span = 2.0MHz. Sweep = auto; Detector Function = Peak. Trace = Max hold.
3. Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The limit is specified in one of the subparagraphs of this Section Submit this plot.

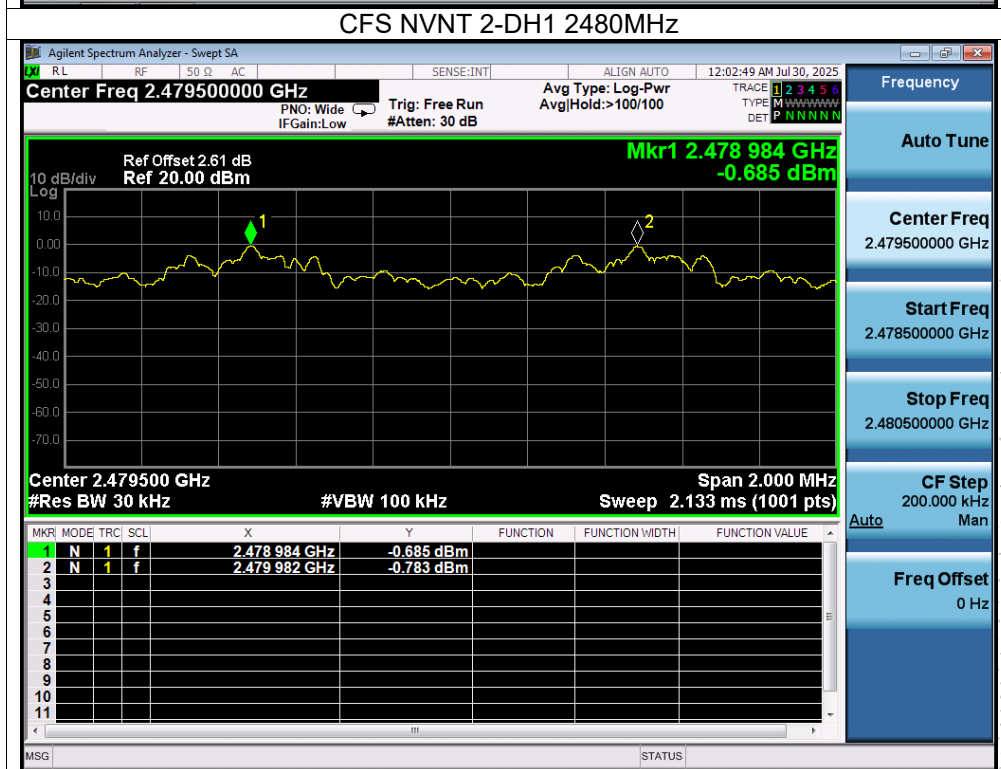
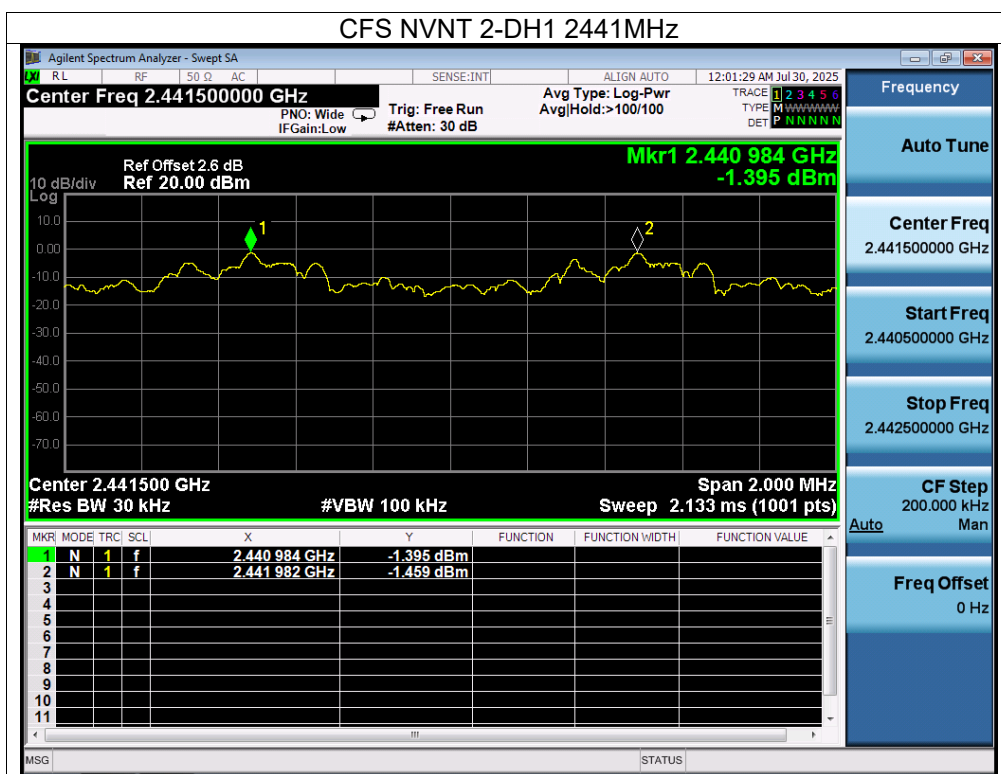
12.4 Test Result

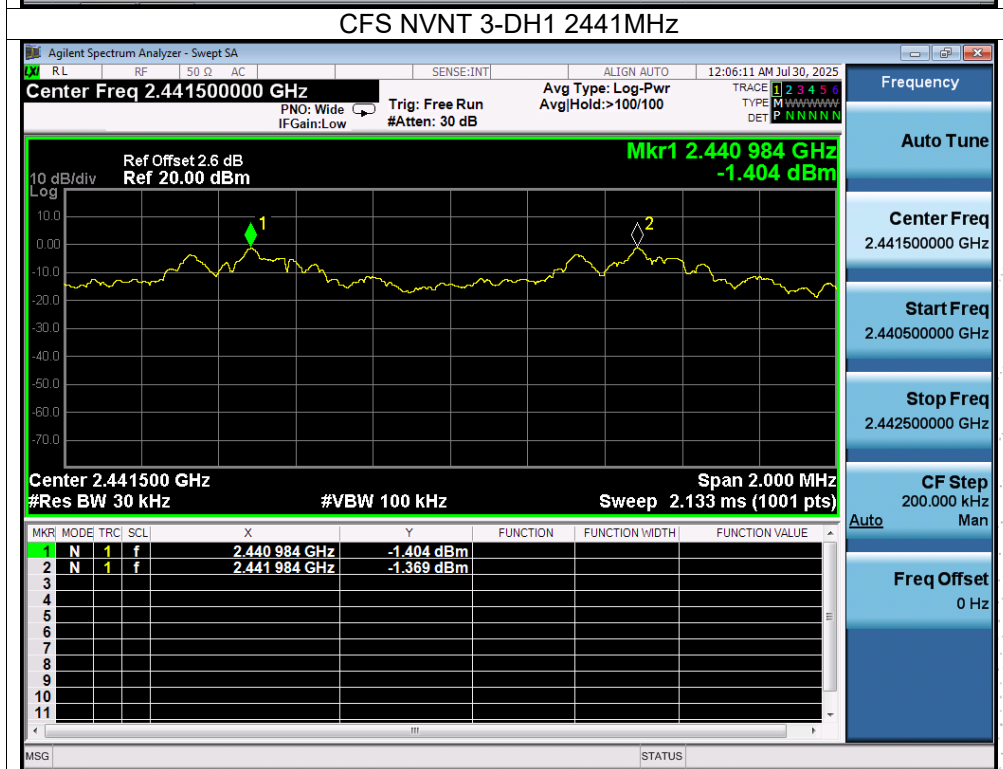
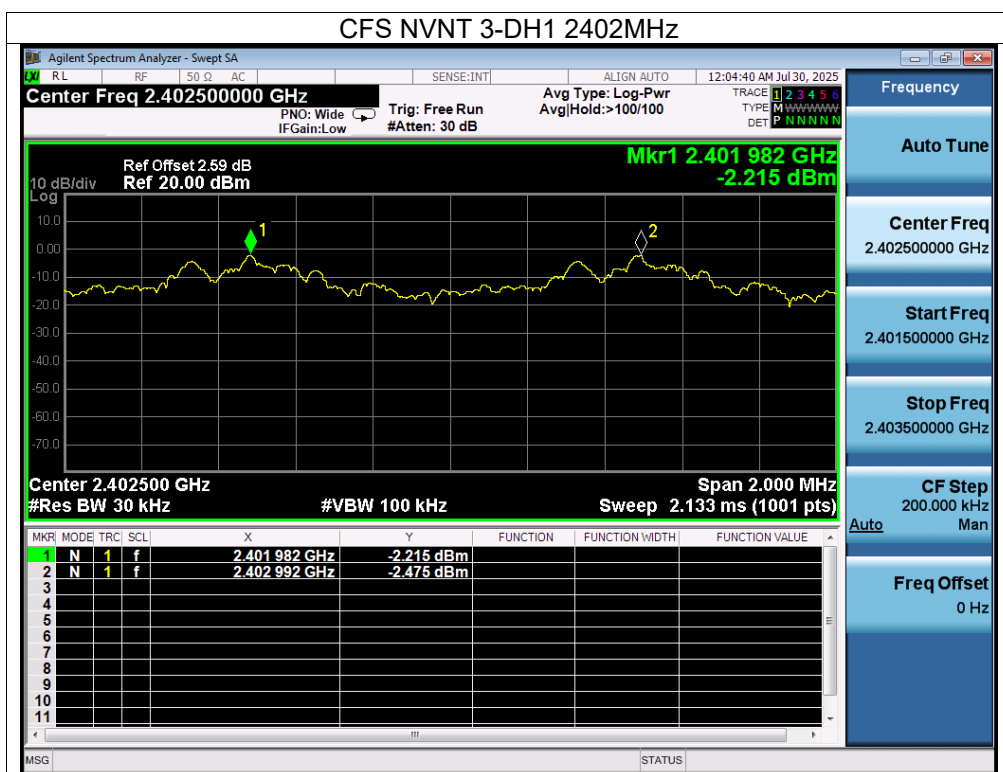
Left

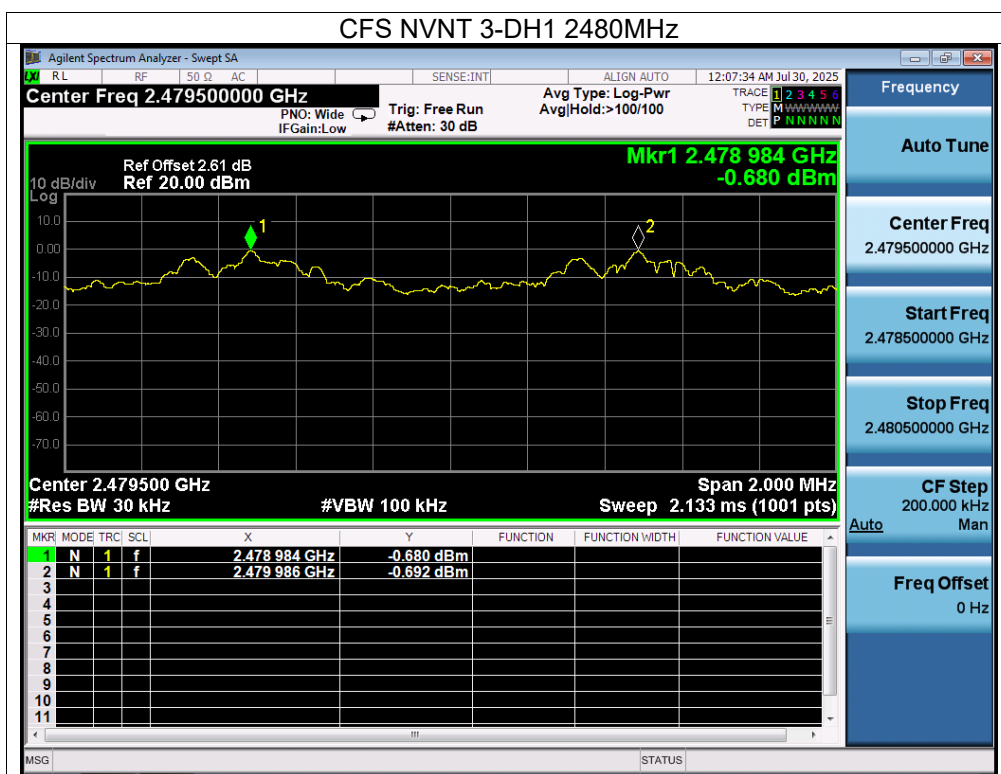
Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2401.982	2402.982	1	0.677	Pass
NVNT	1-DH1	2440.98	2441.986	1.006	0.68	Pass
NVNT	1-DH1	2478.984	2479.982	0.998	0.597	Pass
NVNT	2-DH1	2401.984	2402.984	1	0.779	Pass
NVNT	2-DH1	2440.984	2441.982	0.998	0.789	Pass
NVNT	2-DH1	2478.984	2479.982	0.998	0.771	Pass
NVNT	3-DH1	2401.982	2402.992	1.01	0.797	Pass
NVNT	3-DH1	2440.984	2441.984	1	0.771	Pass
NVNT	3-DH1	2478.984	2479.986	1.002	0.795	Pass











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Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2401.982	2402.982	1	0.669	Pass
NVNT	1-DH1	2440.982	2441.98	0.998	0.637	Pass
NVNT	1-DH1	2478.982	2479.988	1.006	0.696	Pass
NVNT	2-DH1	2401.982	2402.982	1	0.763	Pass
NVNT	2-DH1	2440.982	2441.986	1.004	0.783	Pass
NVNT	2-DH1	2478.98	2479.982	1.002	0.758	Pass
NVNT	3-DH1	2401.982	2402.982	1	0.795	Pass
NVNT	3-DH1	2440.982	2441.982	1	0.759	Pass
NVNT	3-DH1	2478.98	2479.982	1.002	0.786	Pass

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