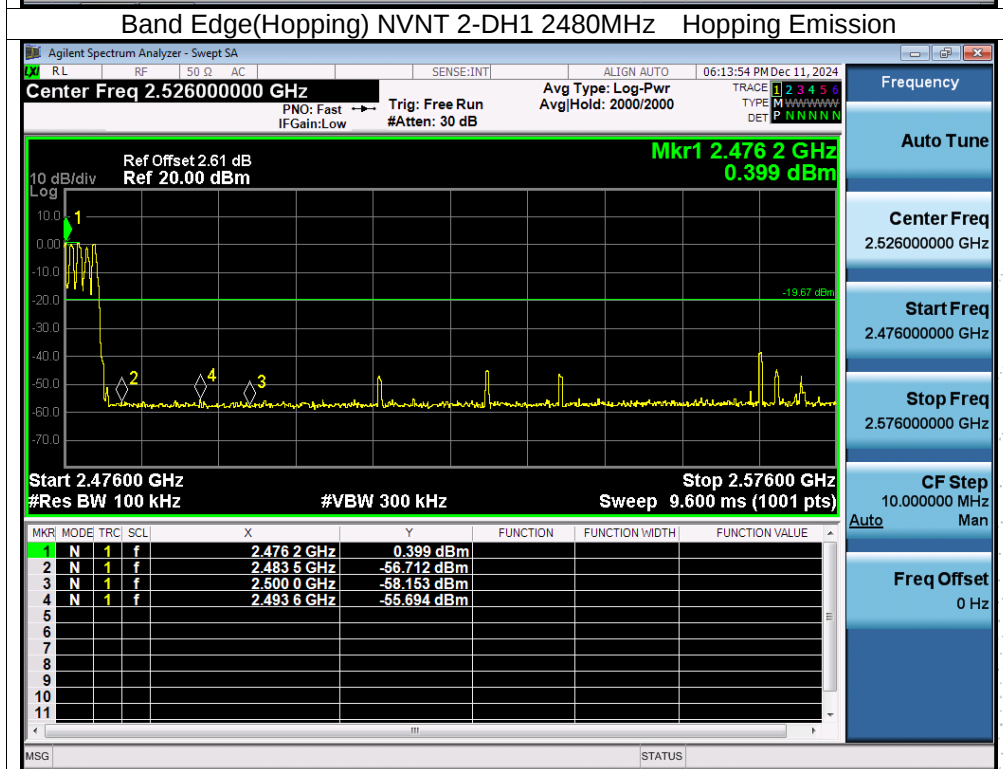
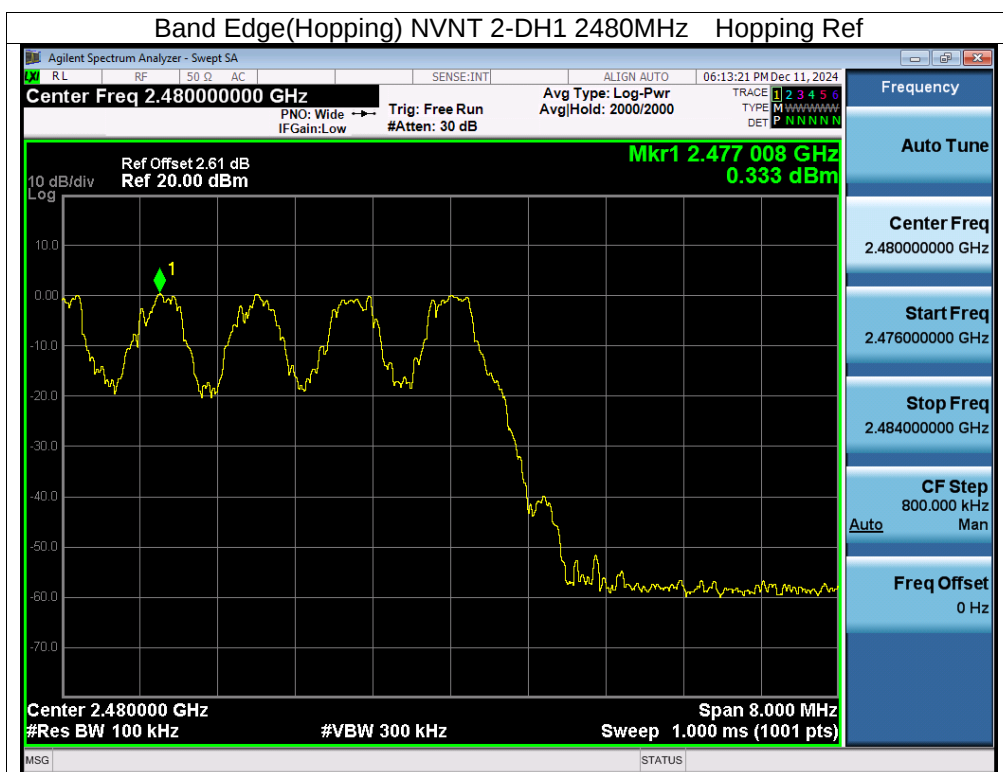
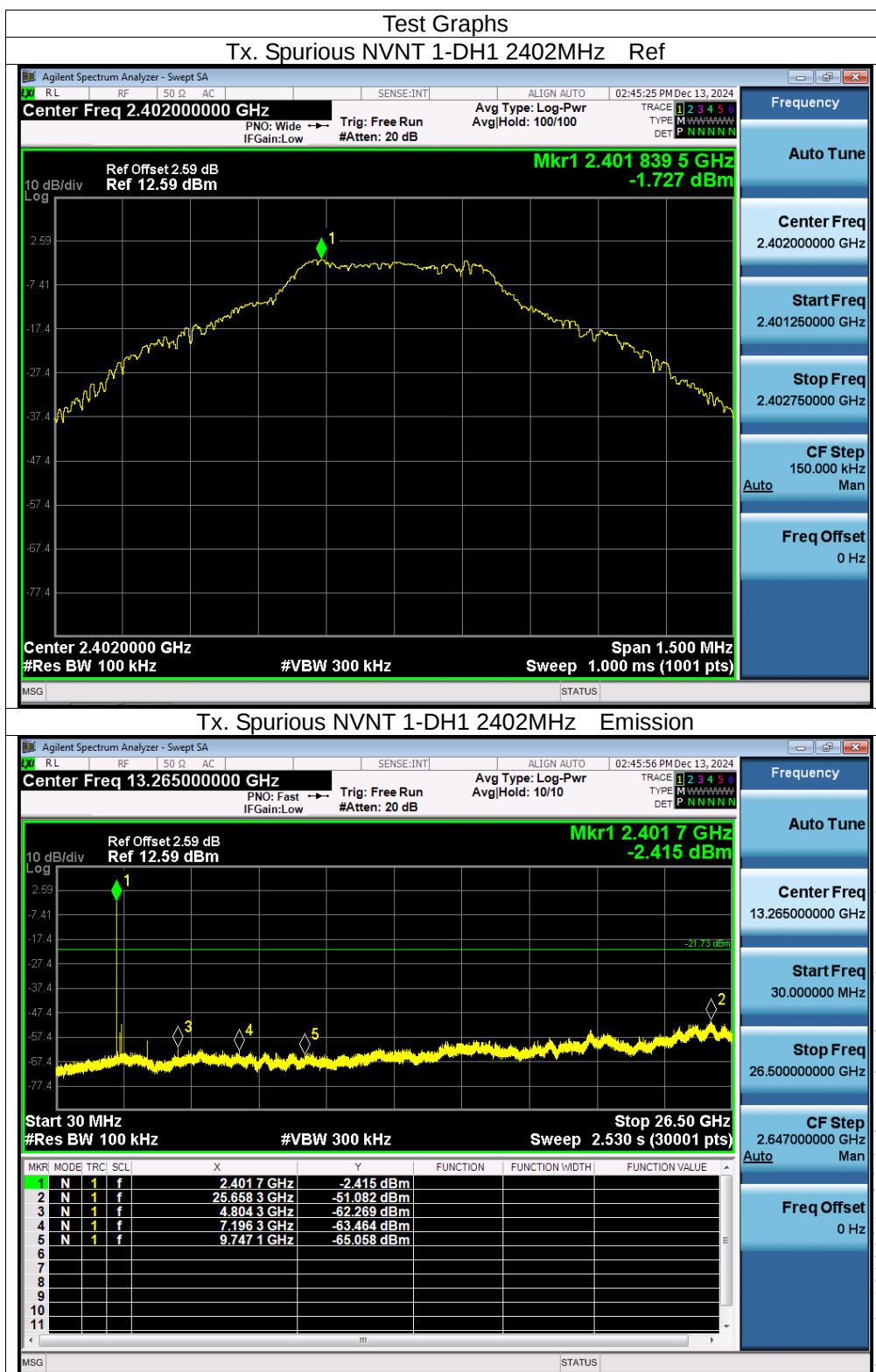


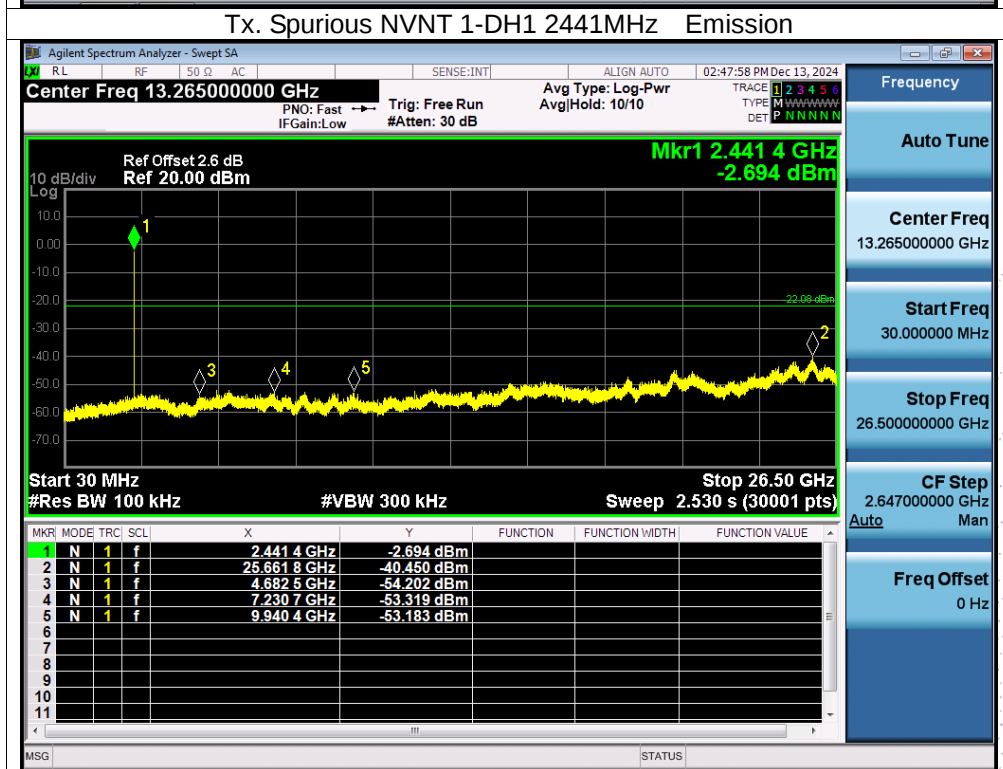
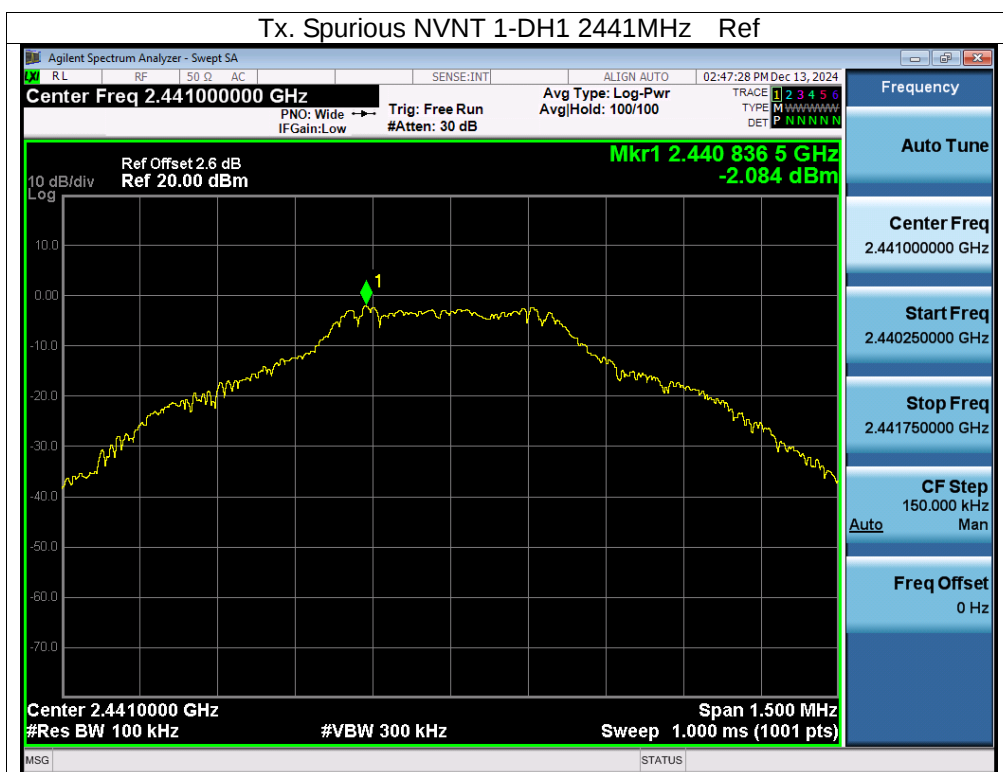


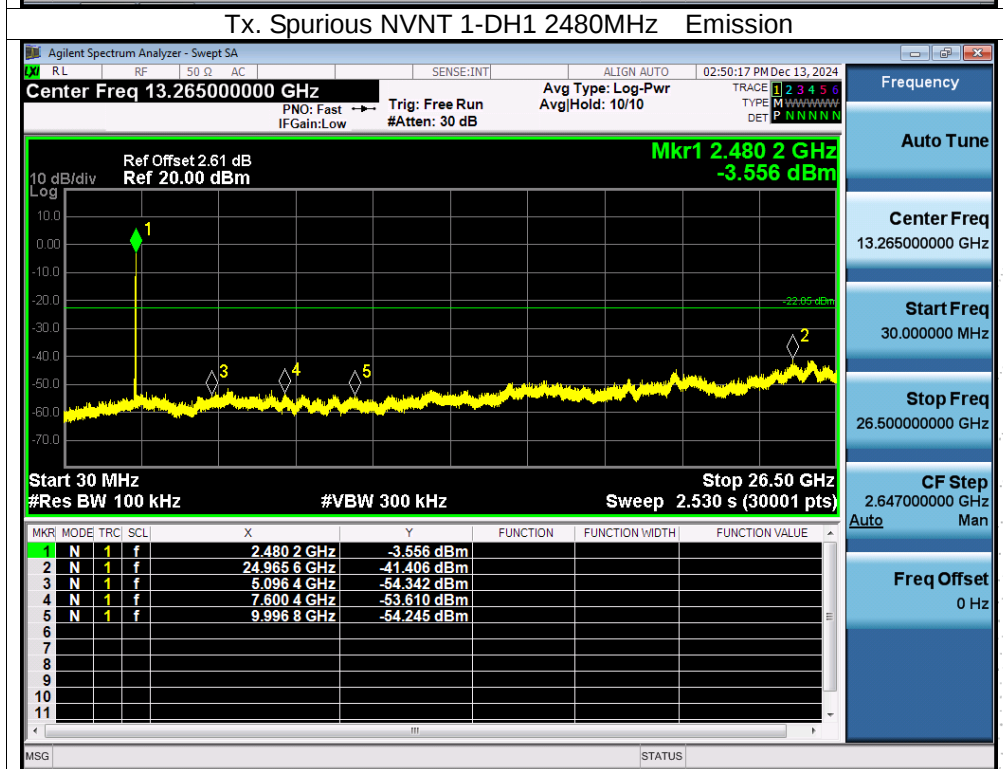
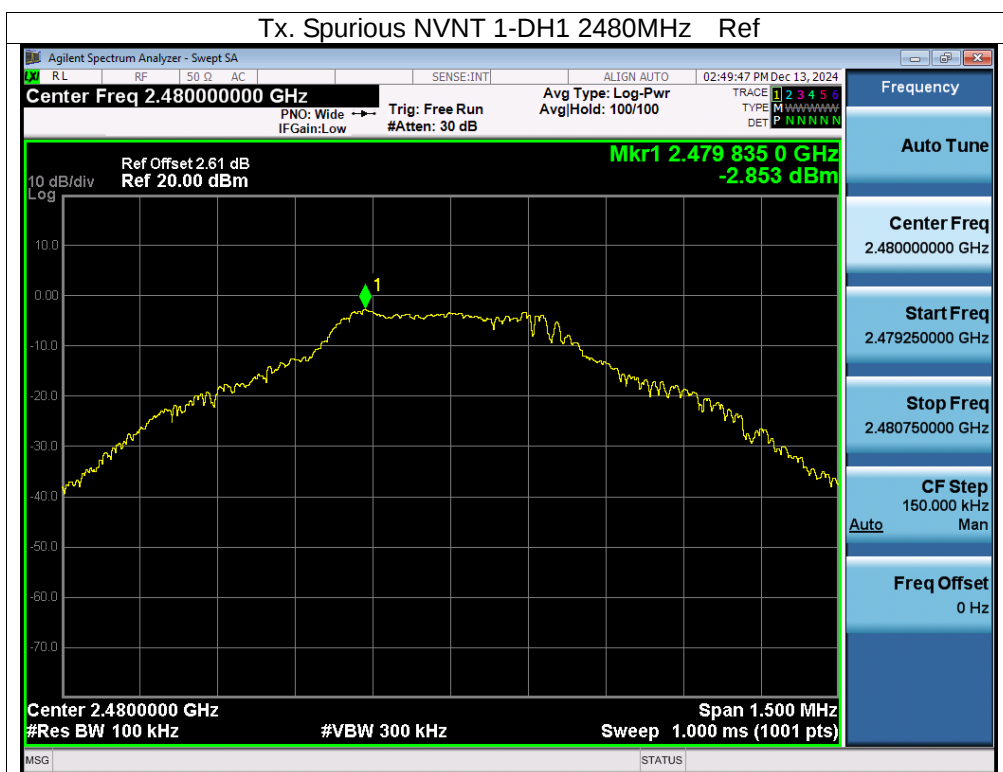




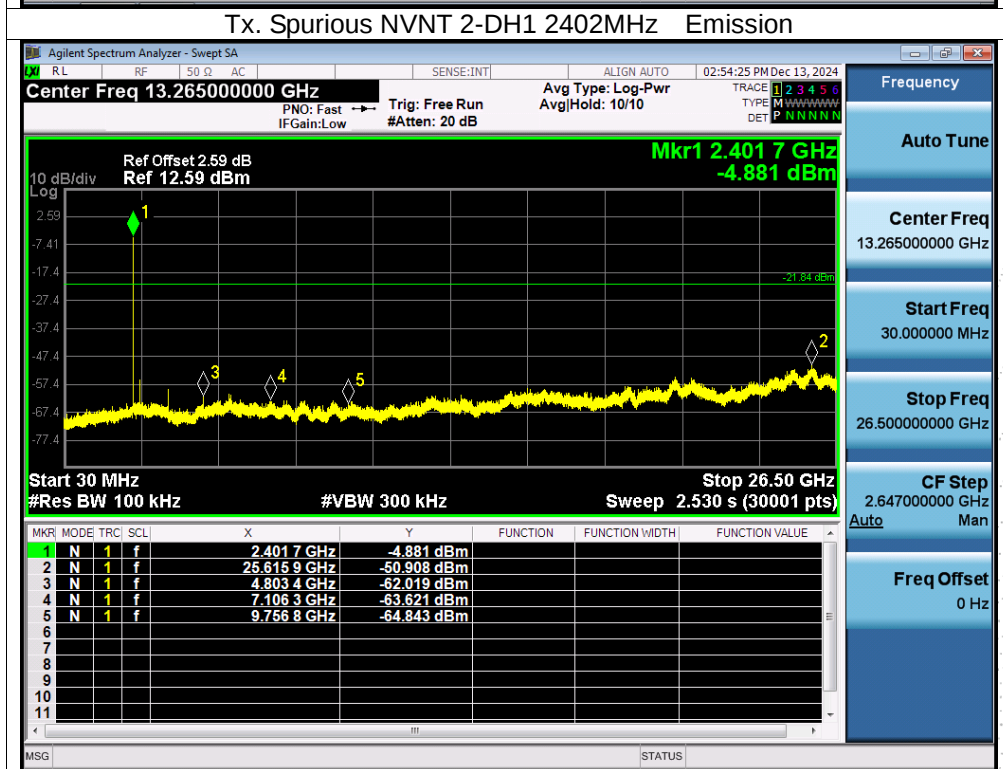
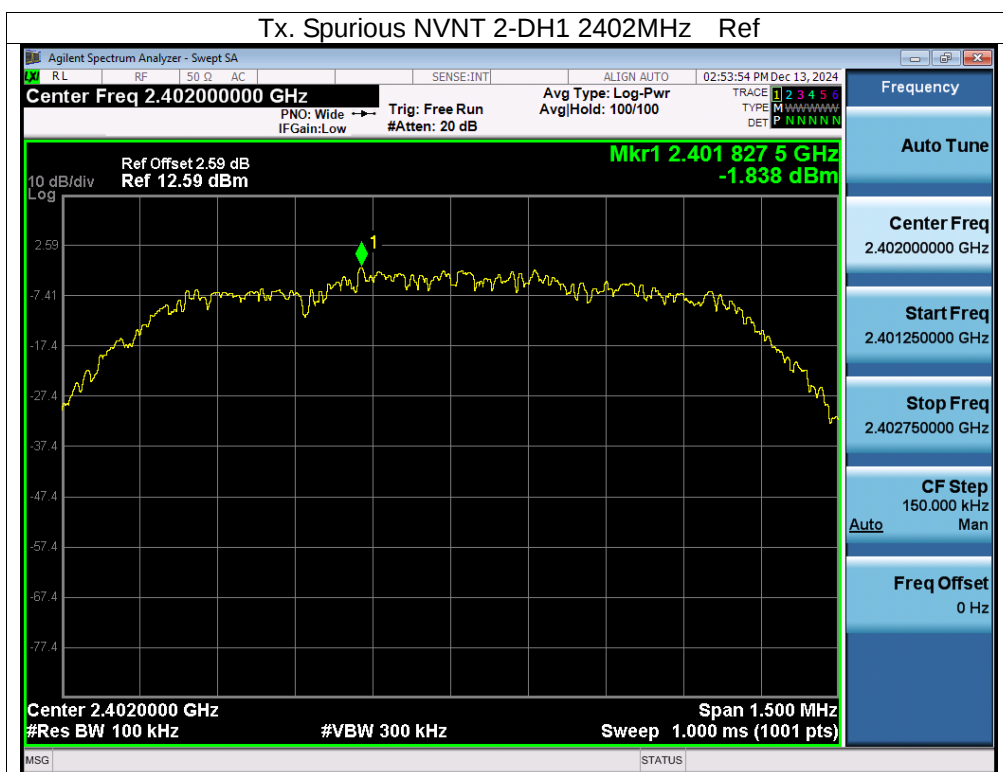
Chip 2

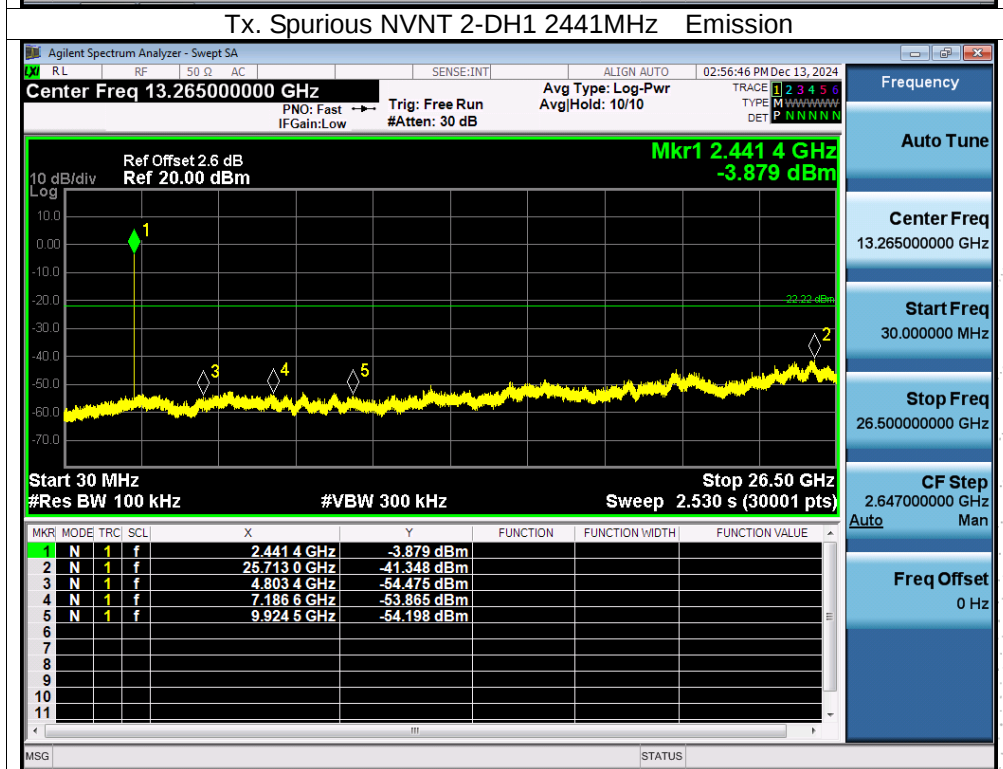
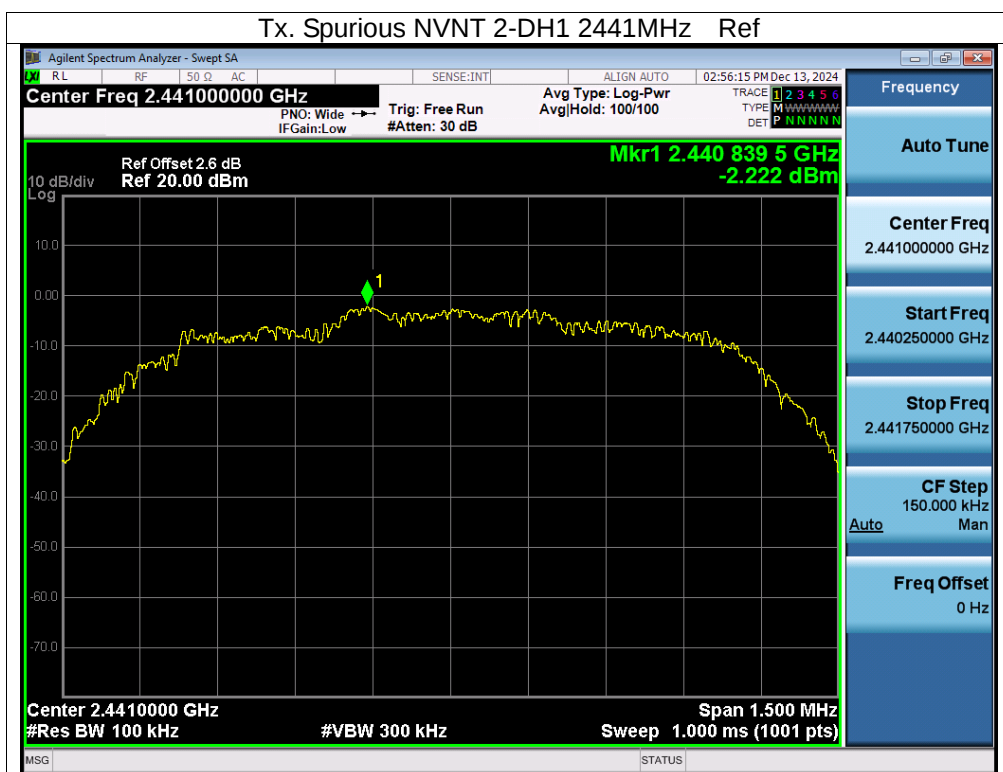


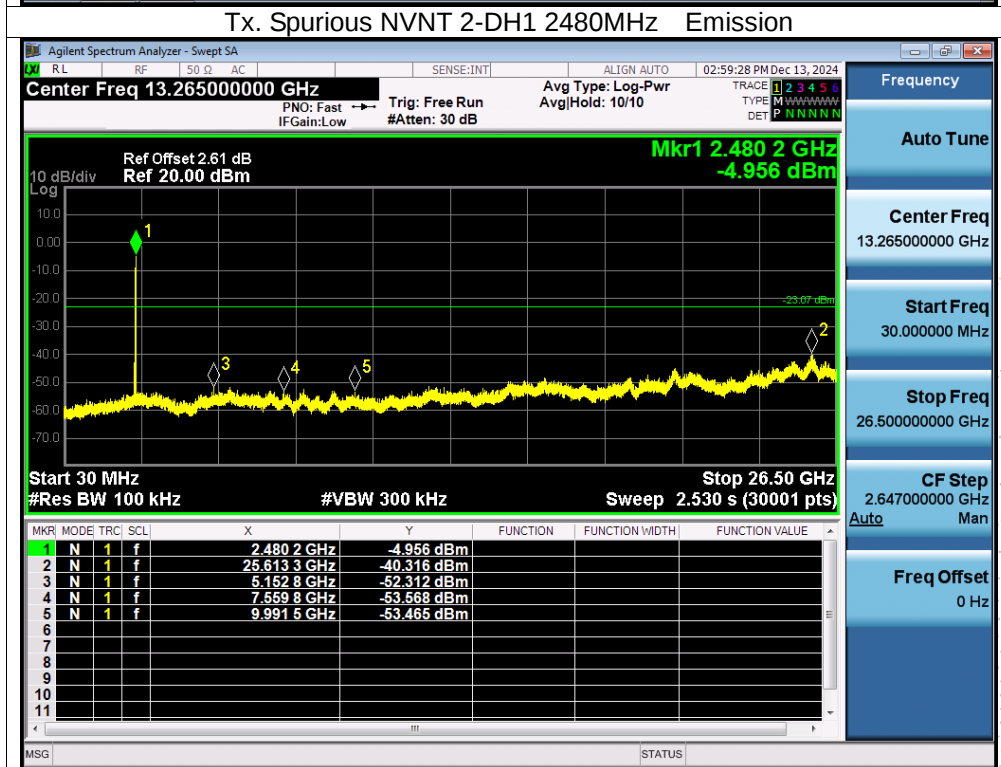
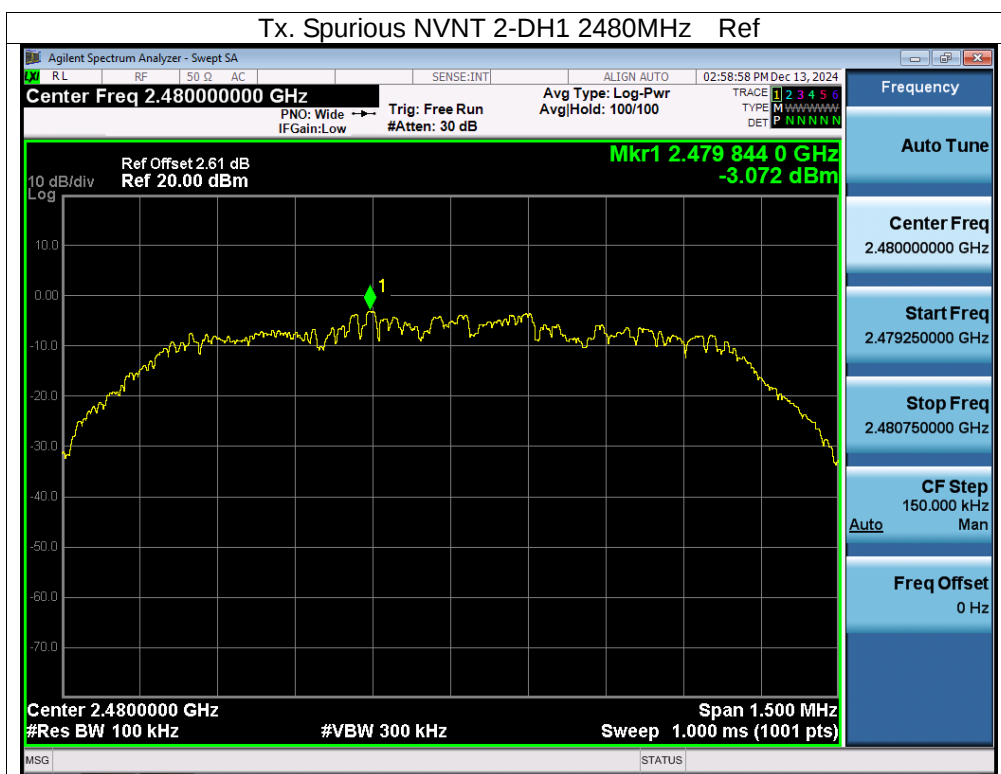


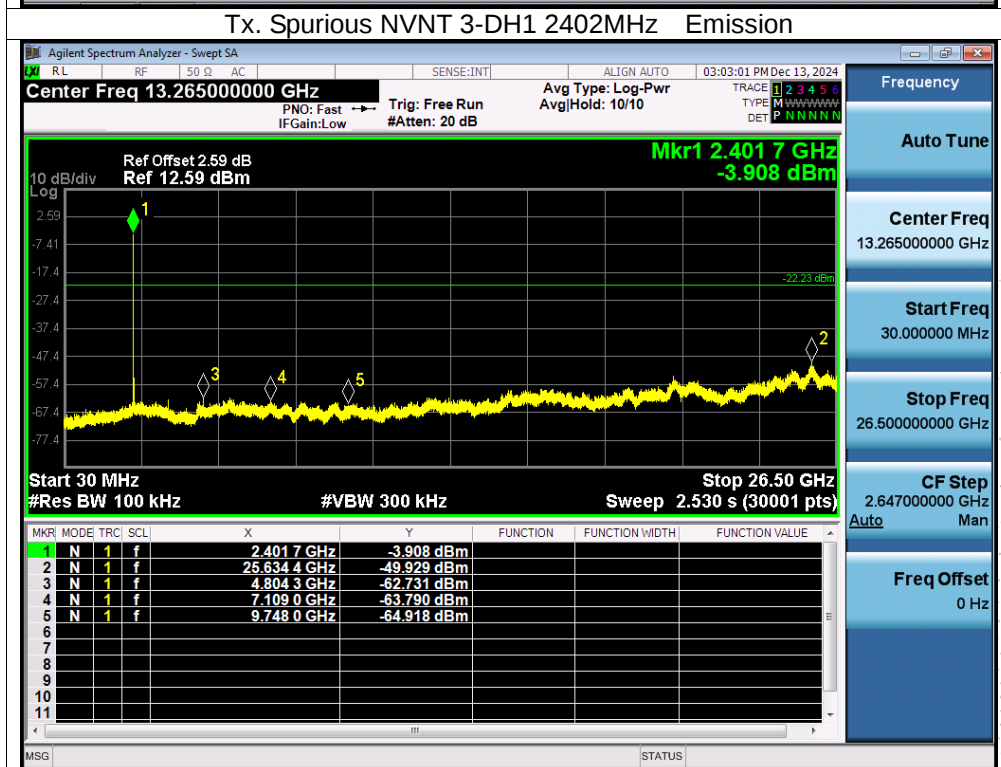
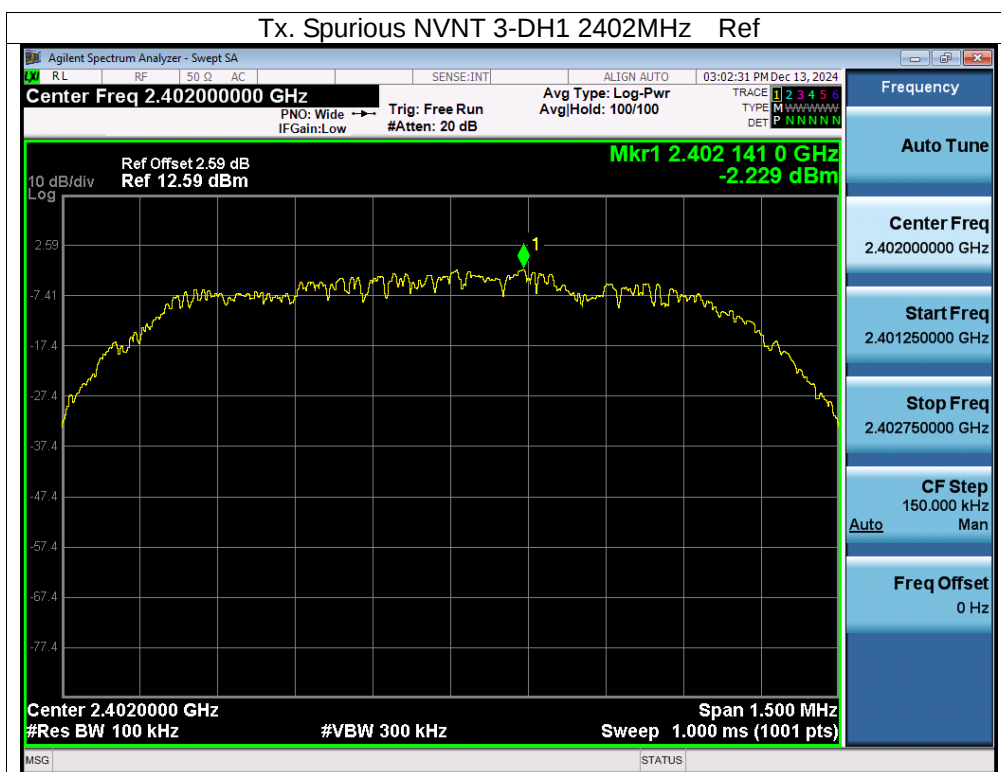


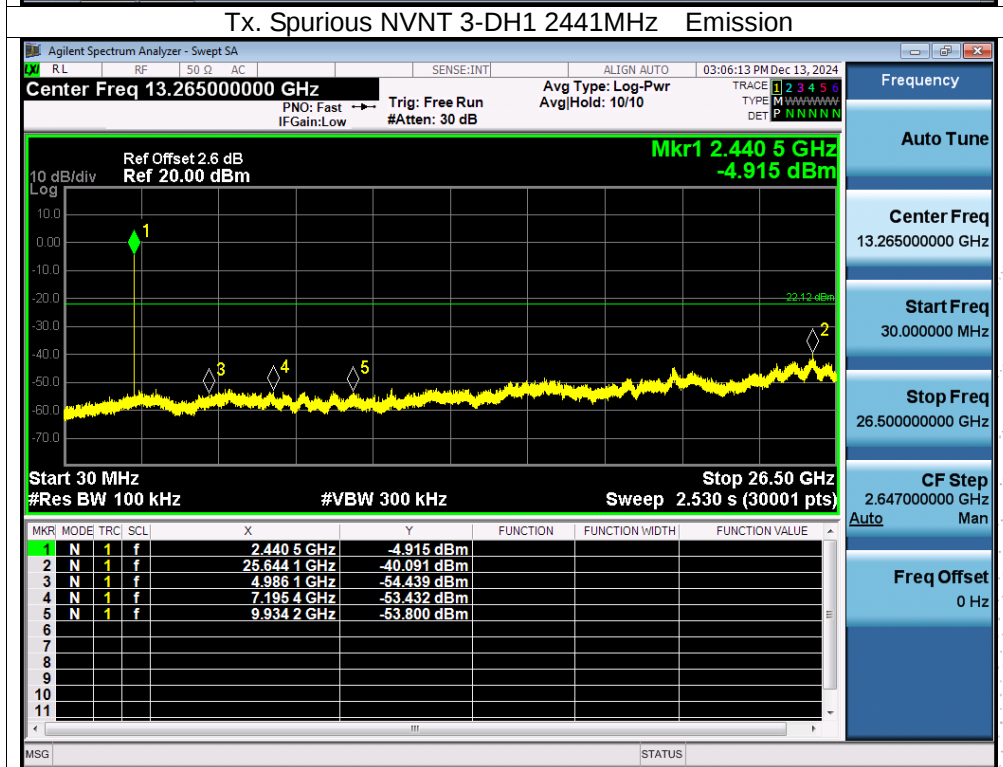
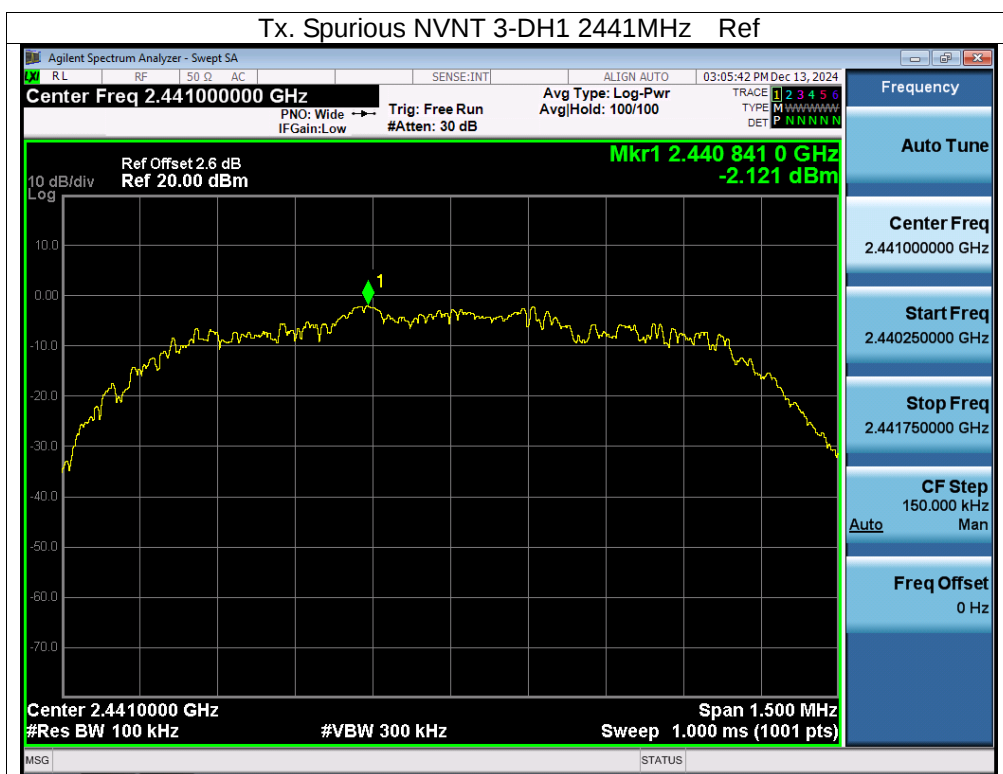
CO., LTD.

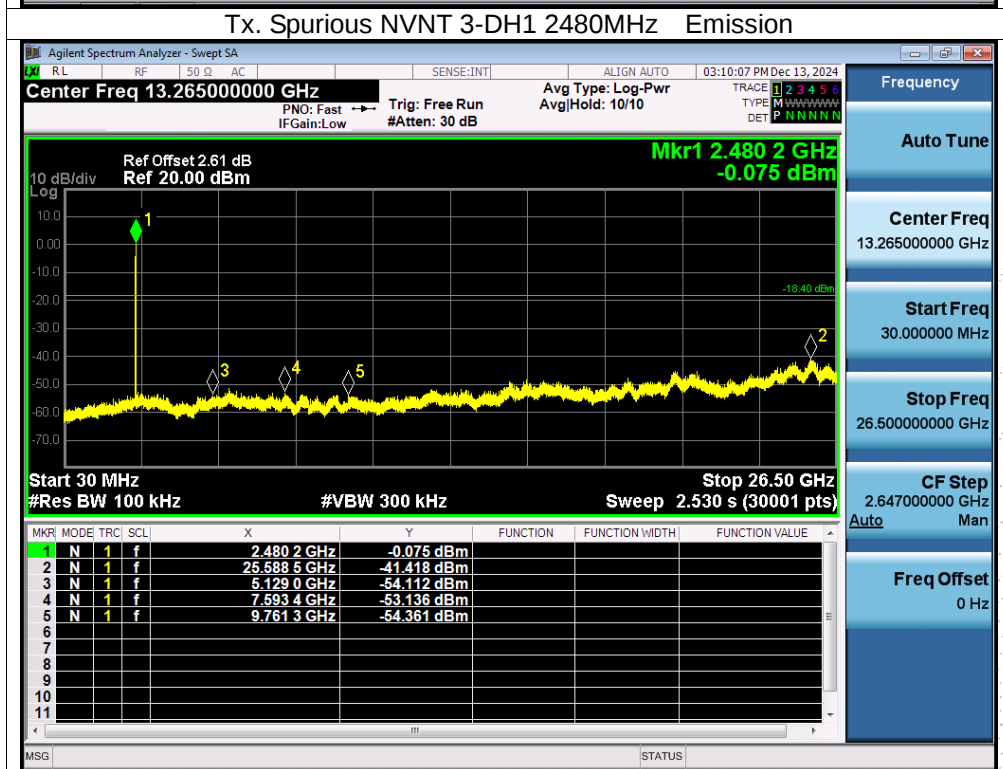
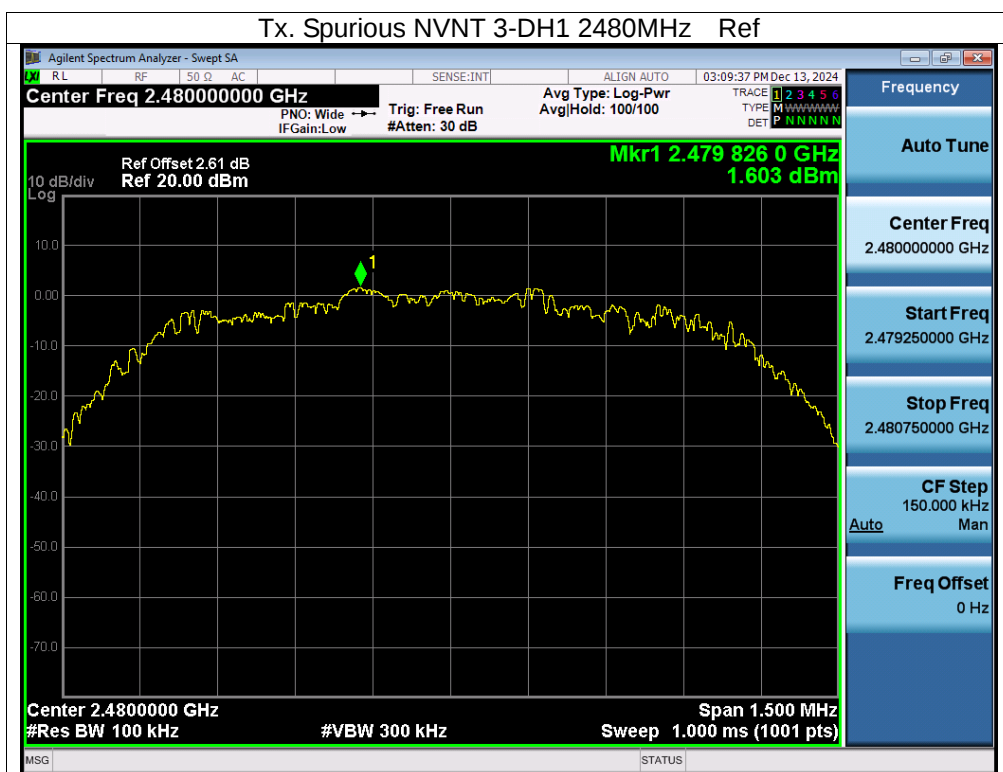


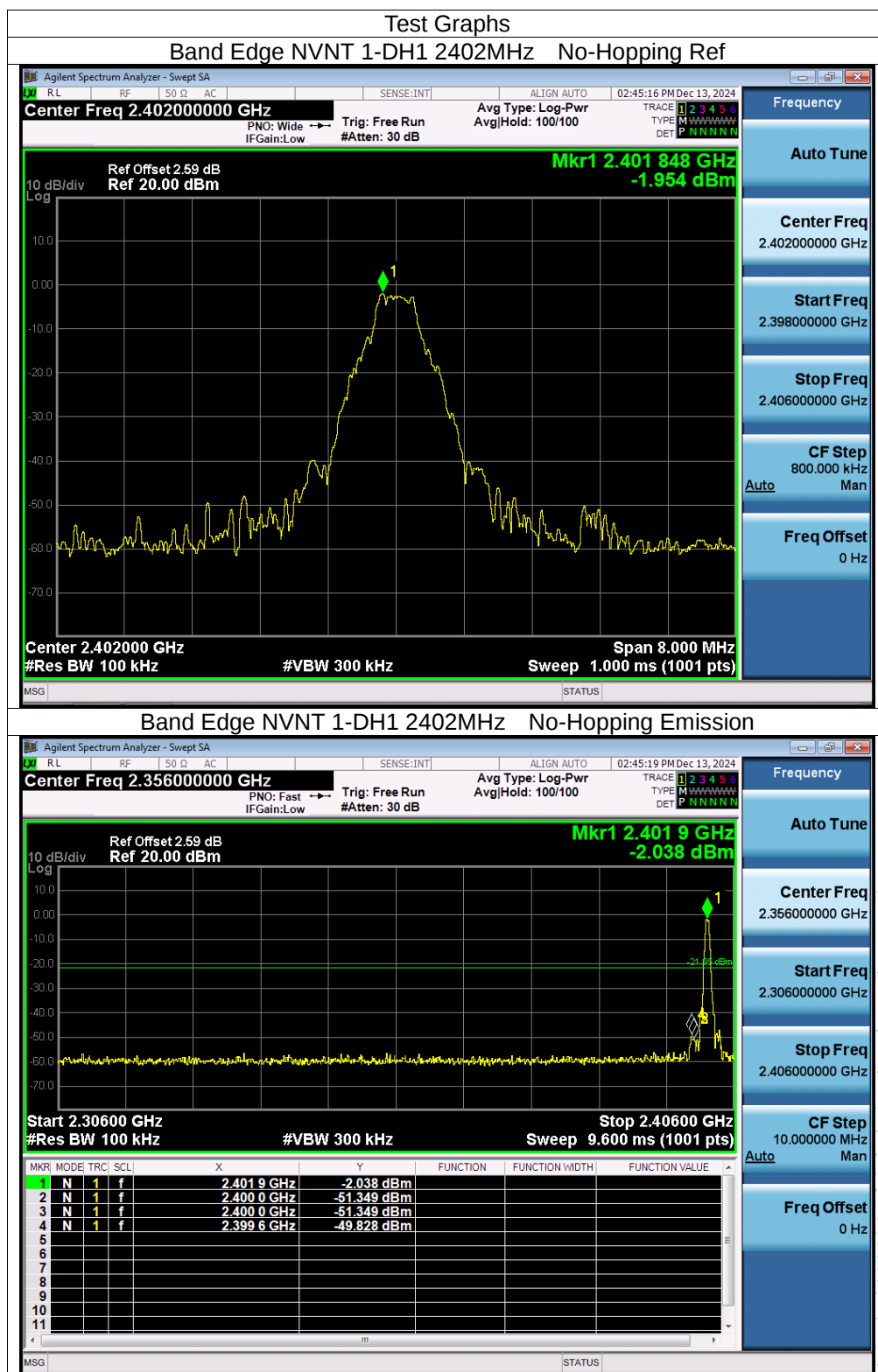


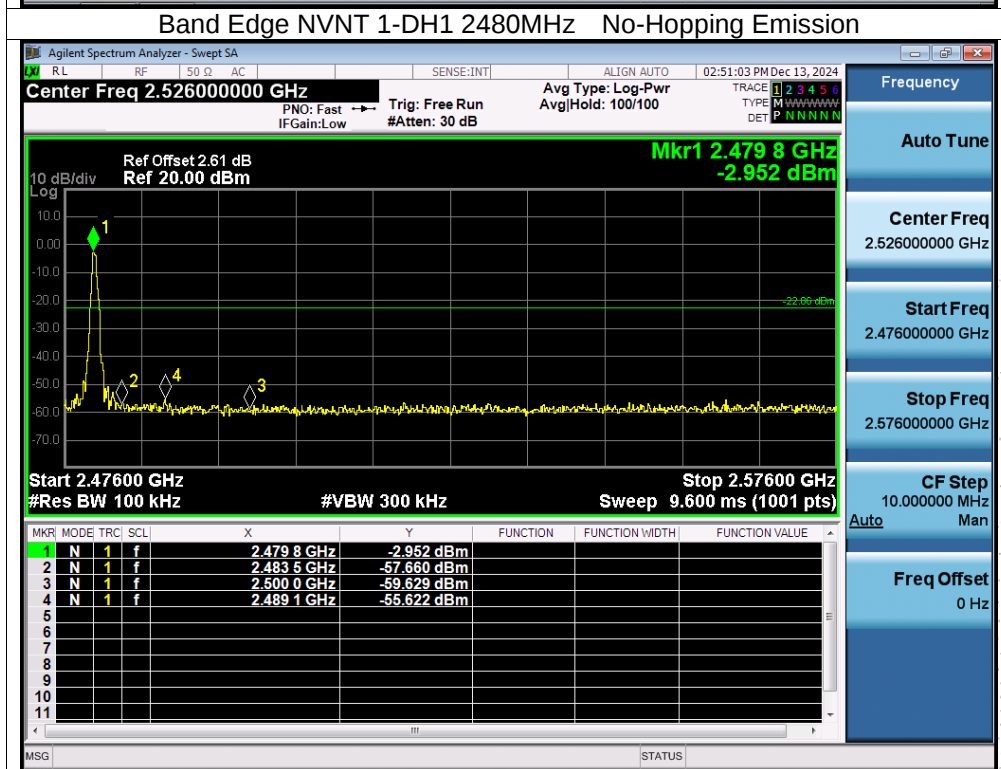
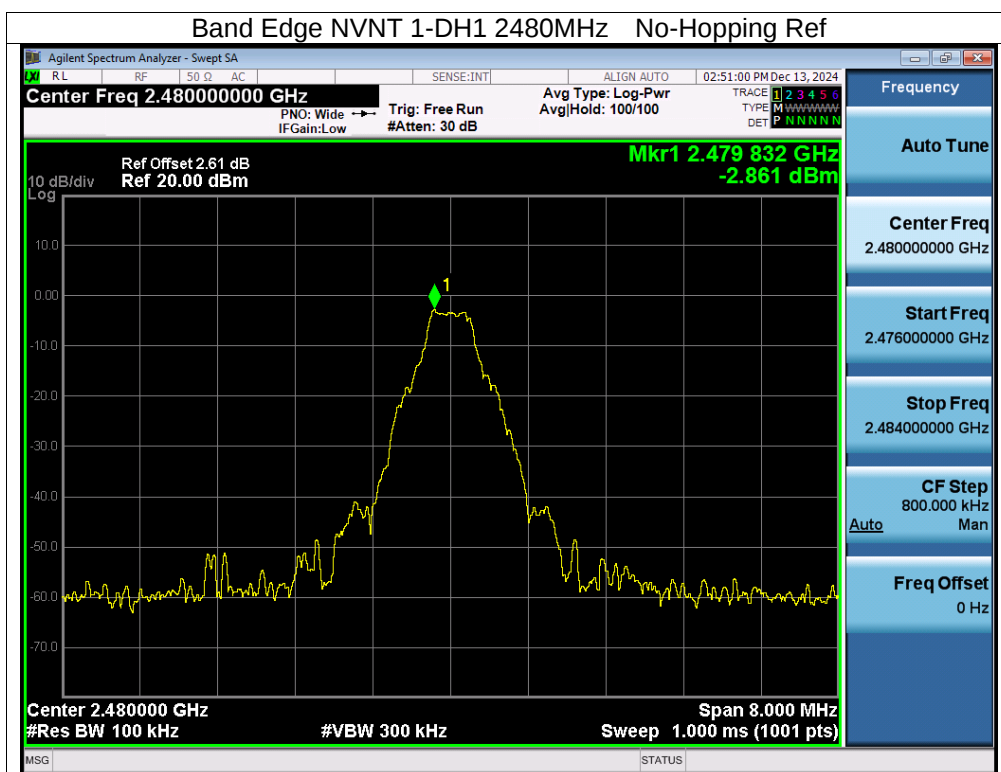


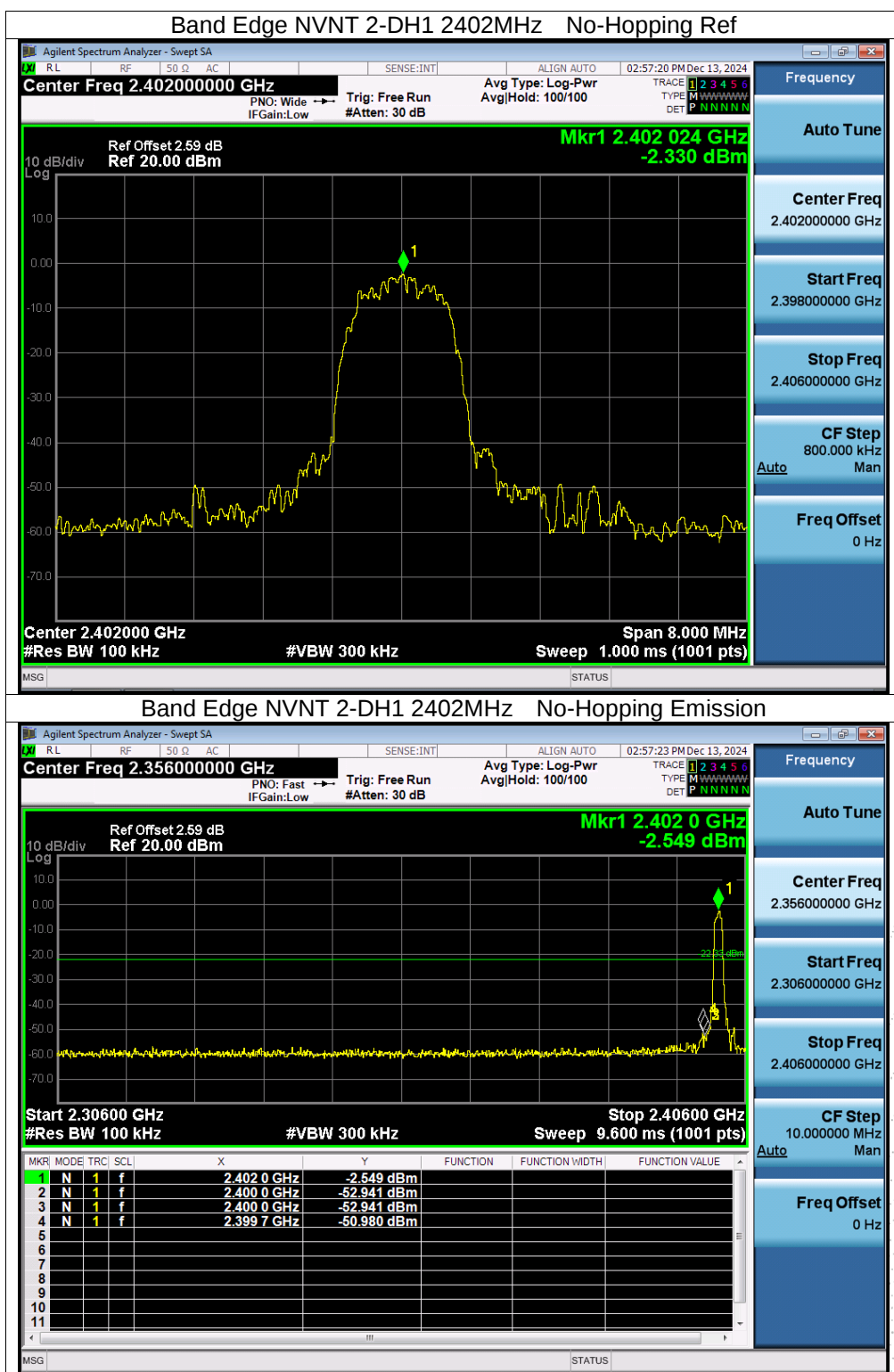


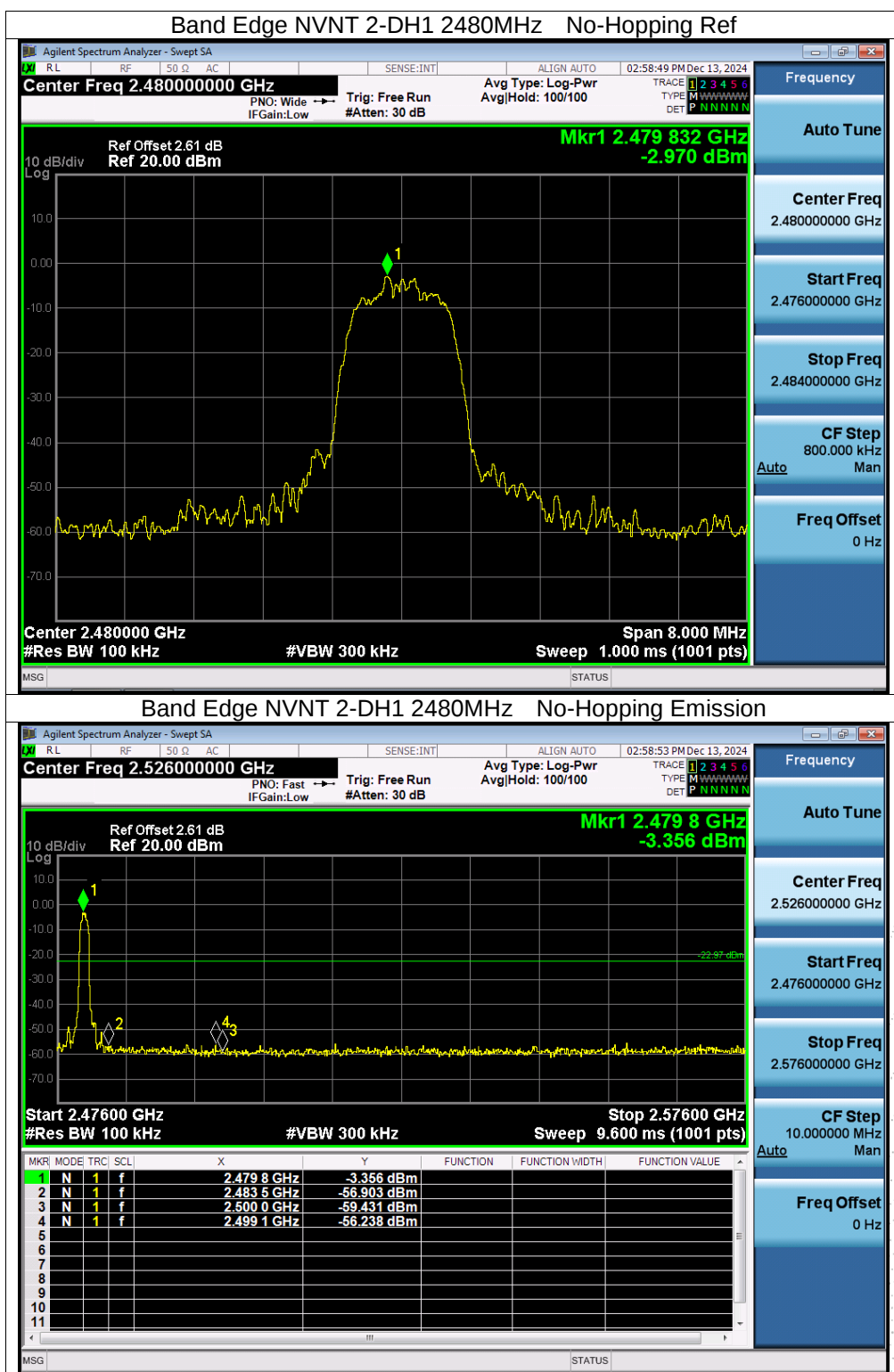


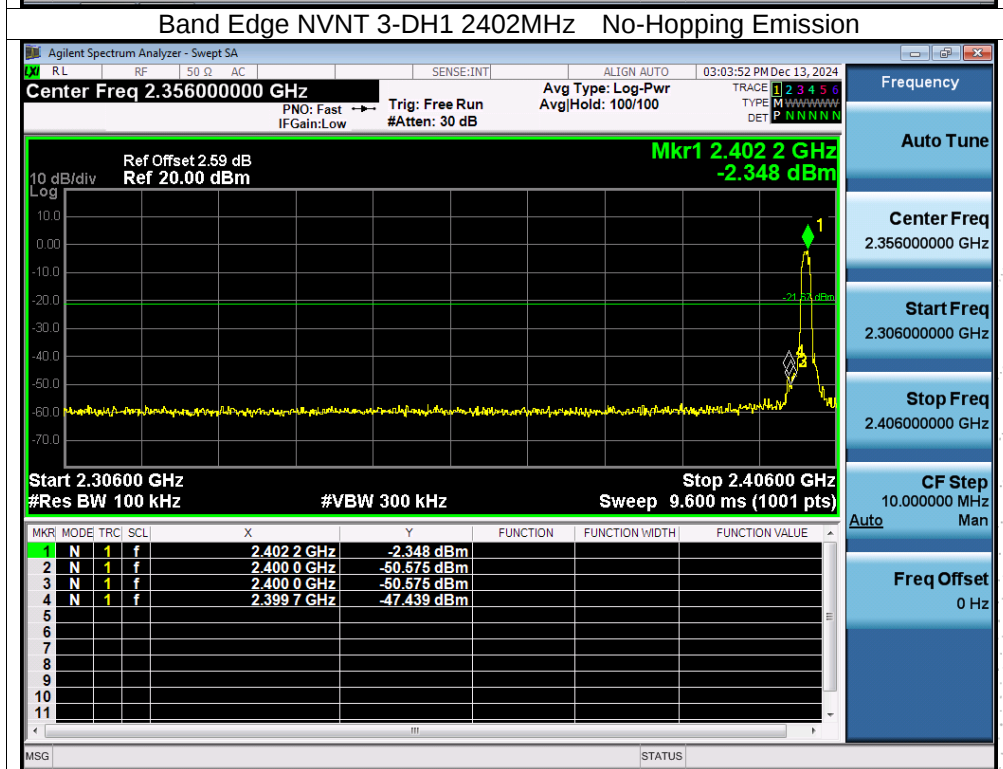
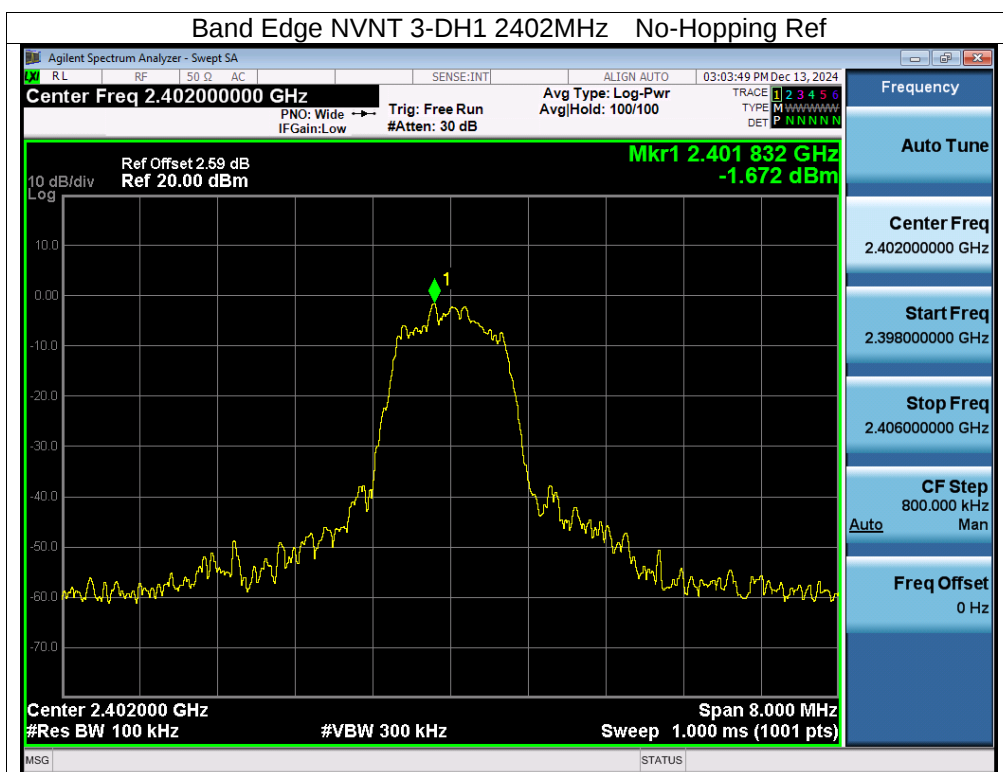


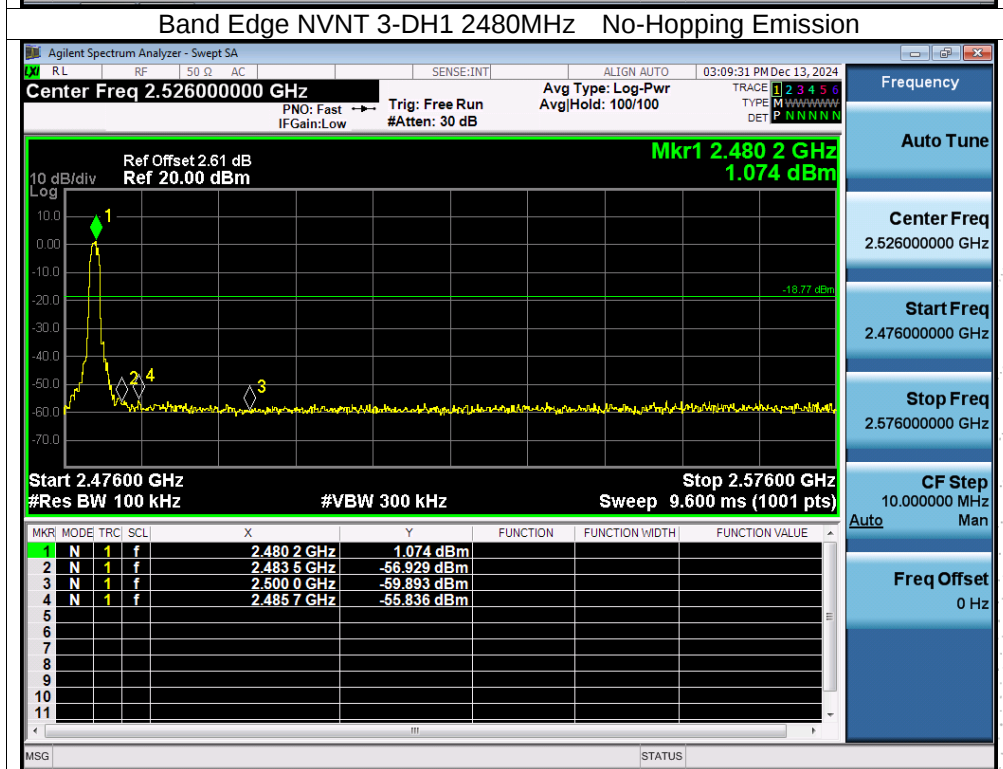
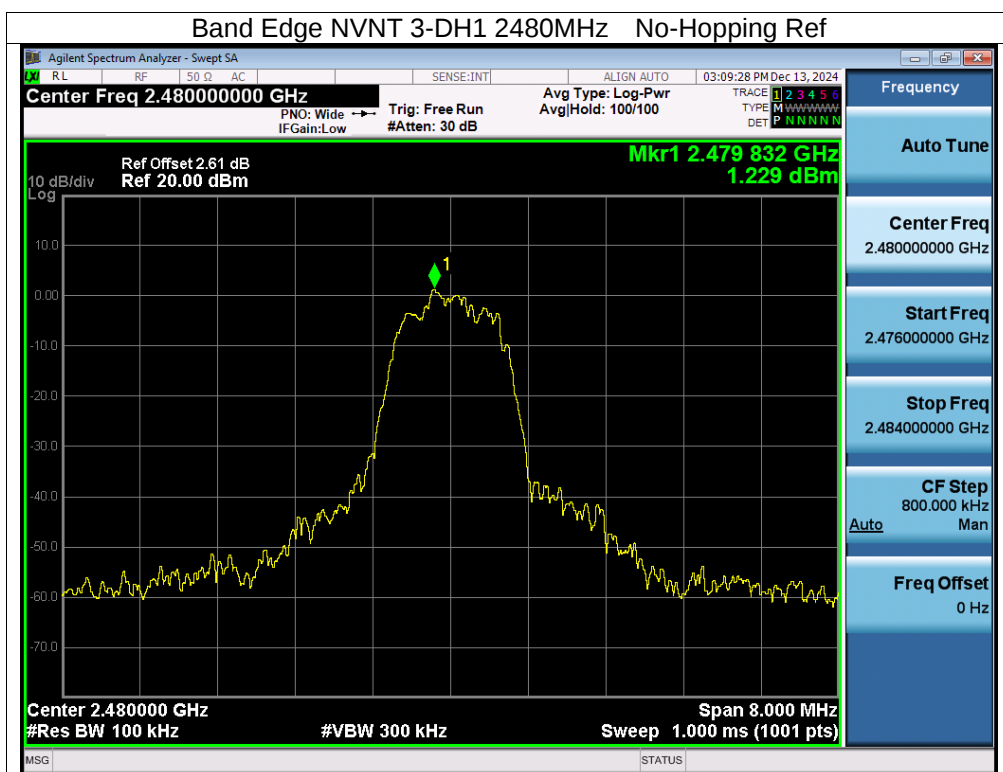


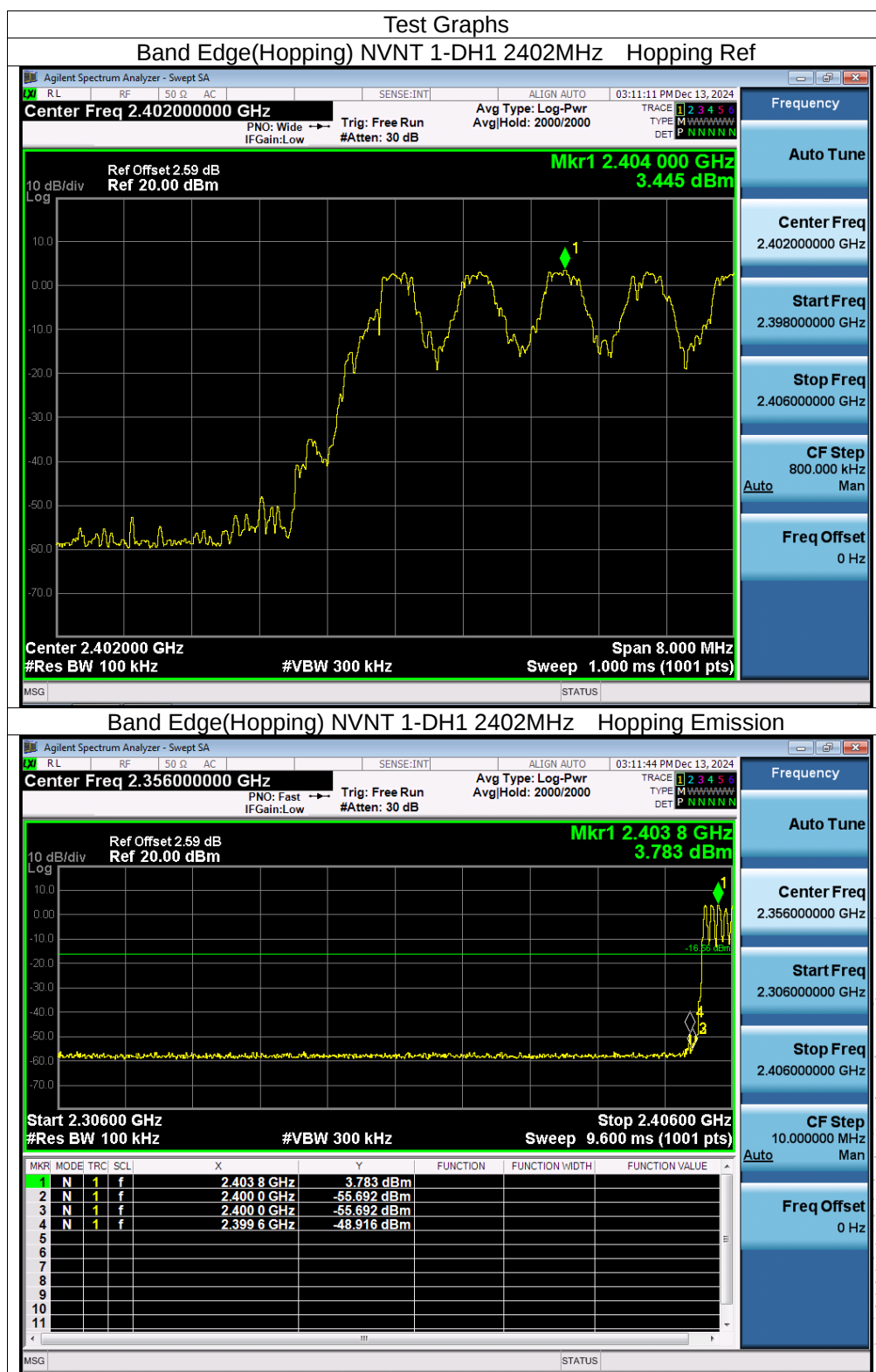


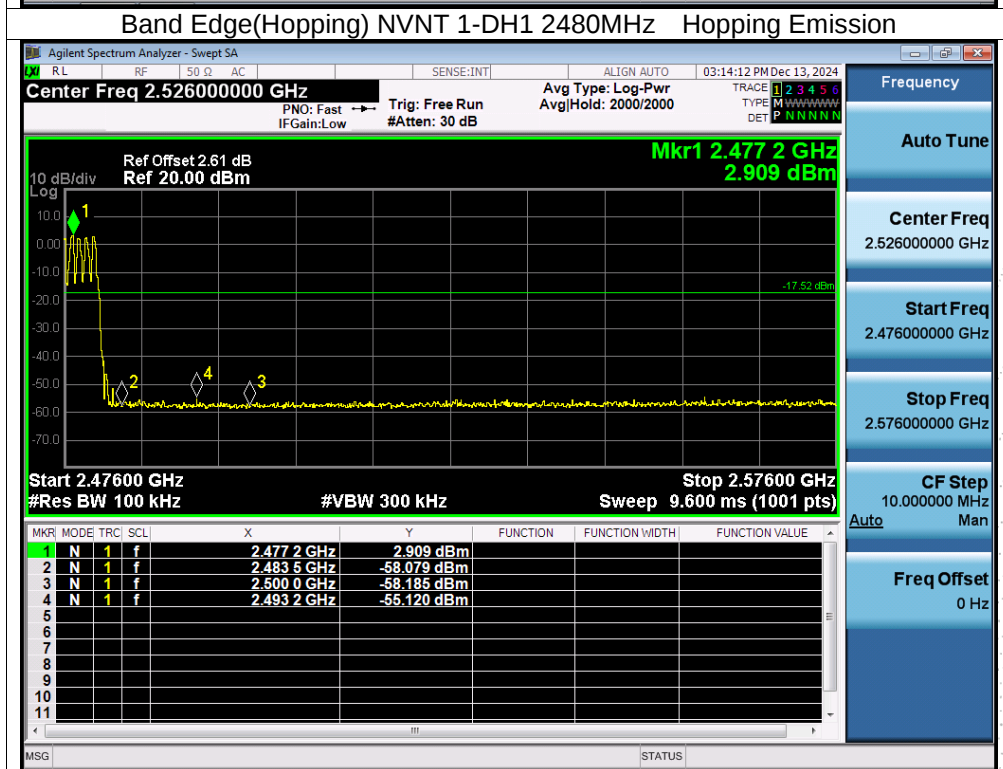
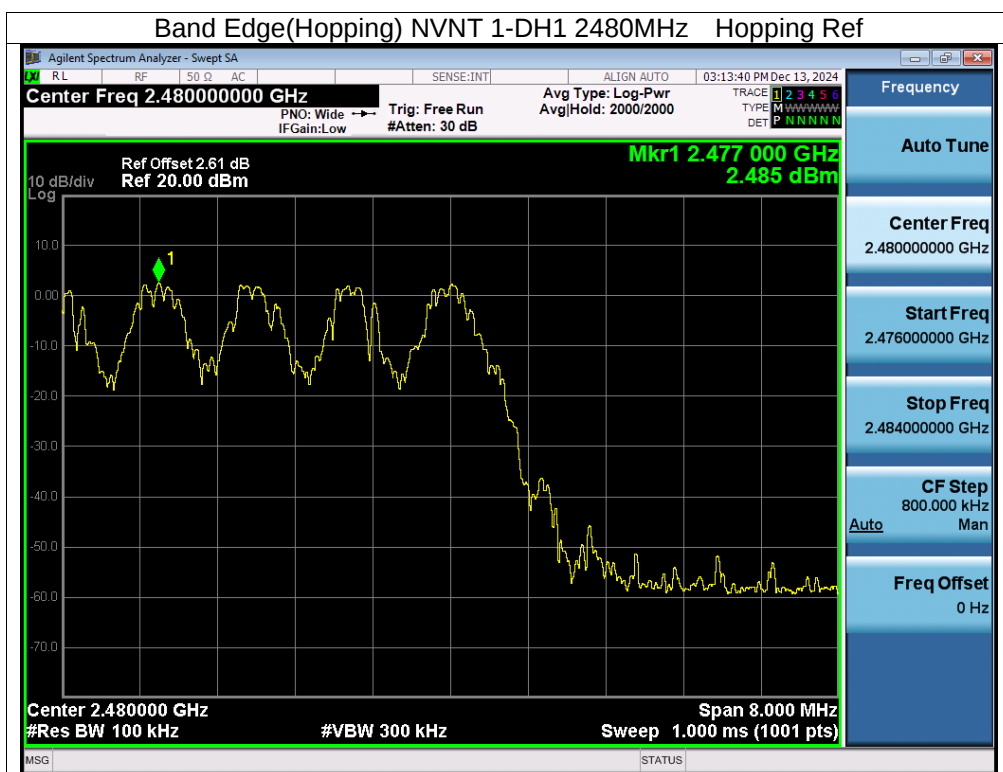


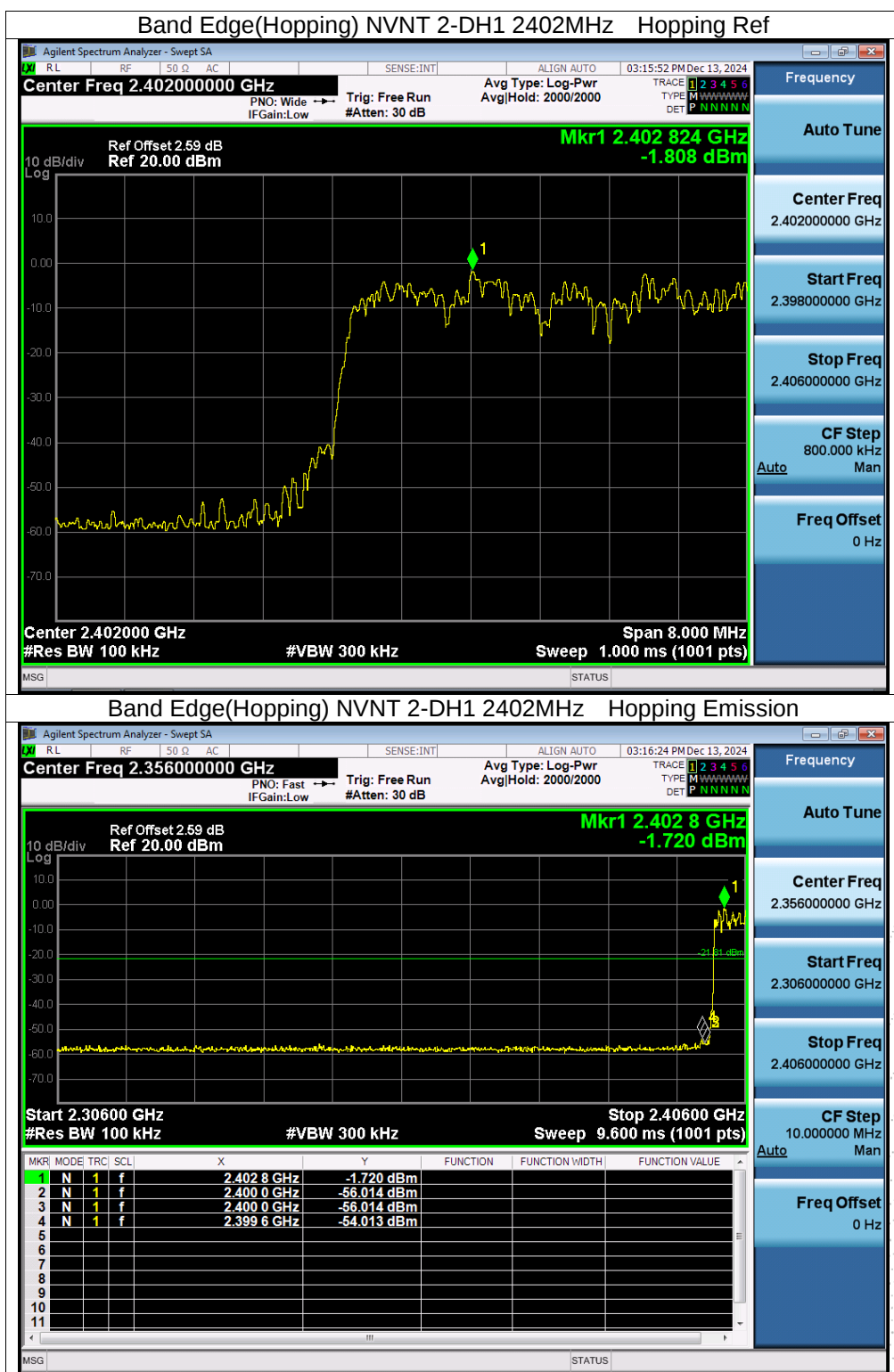


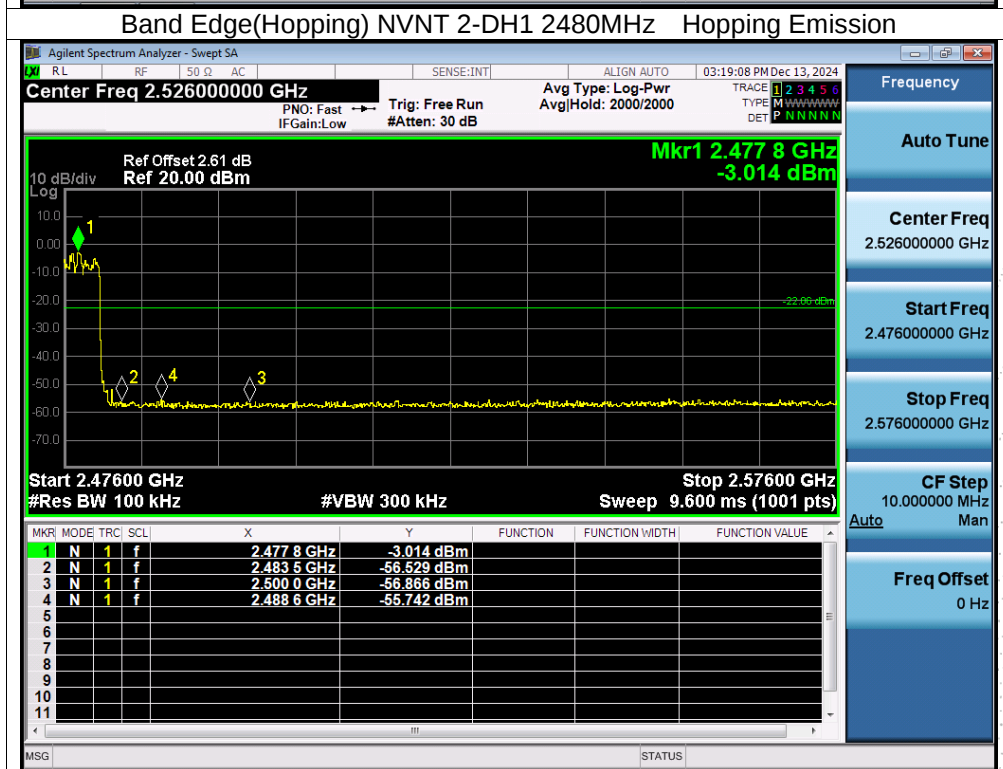
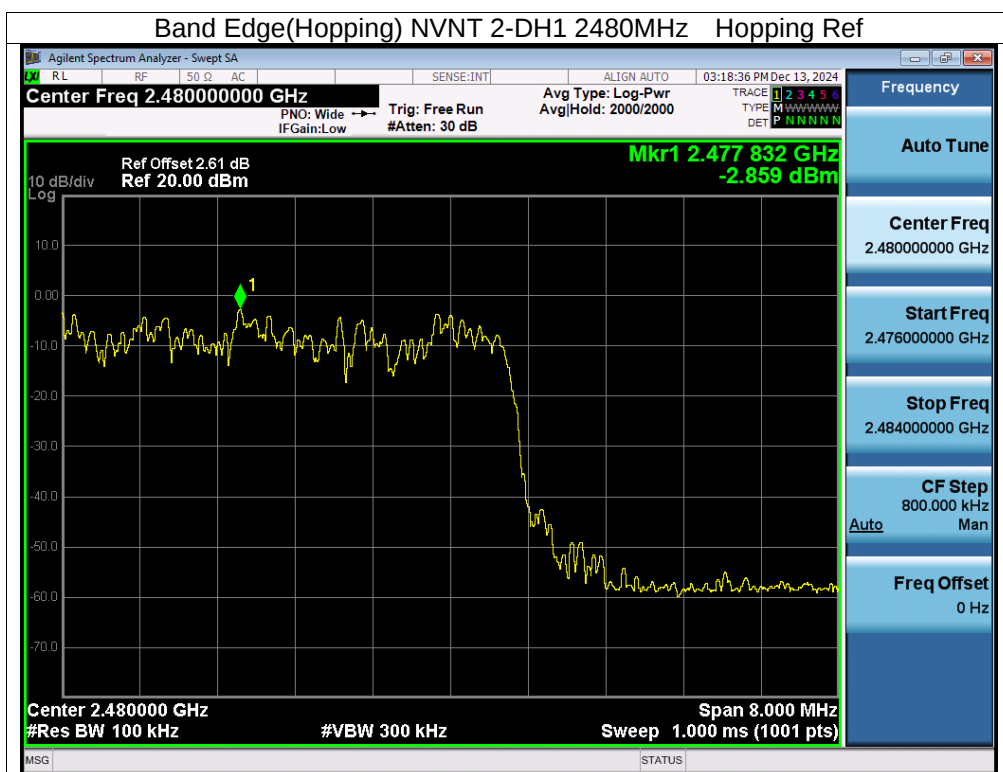


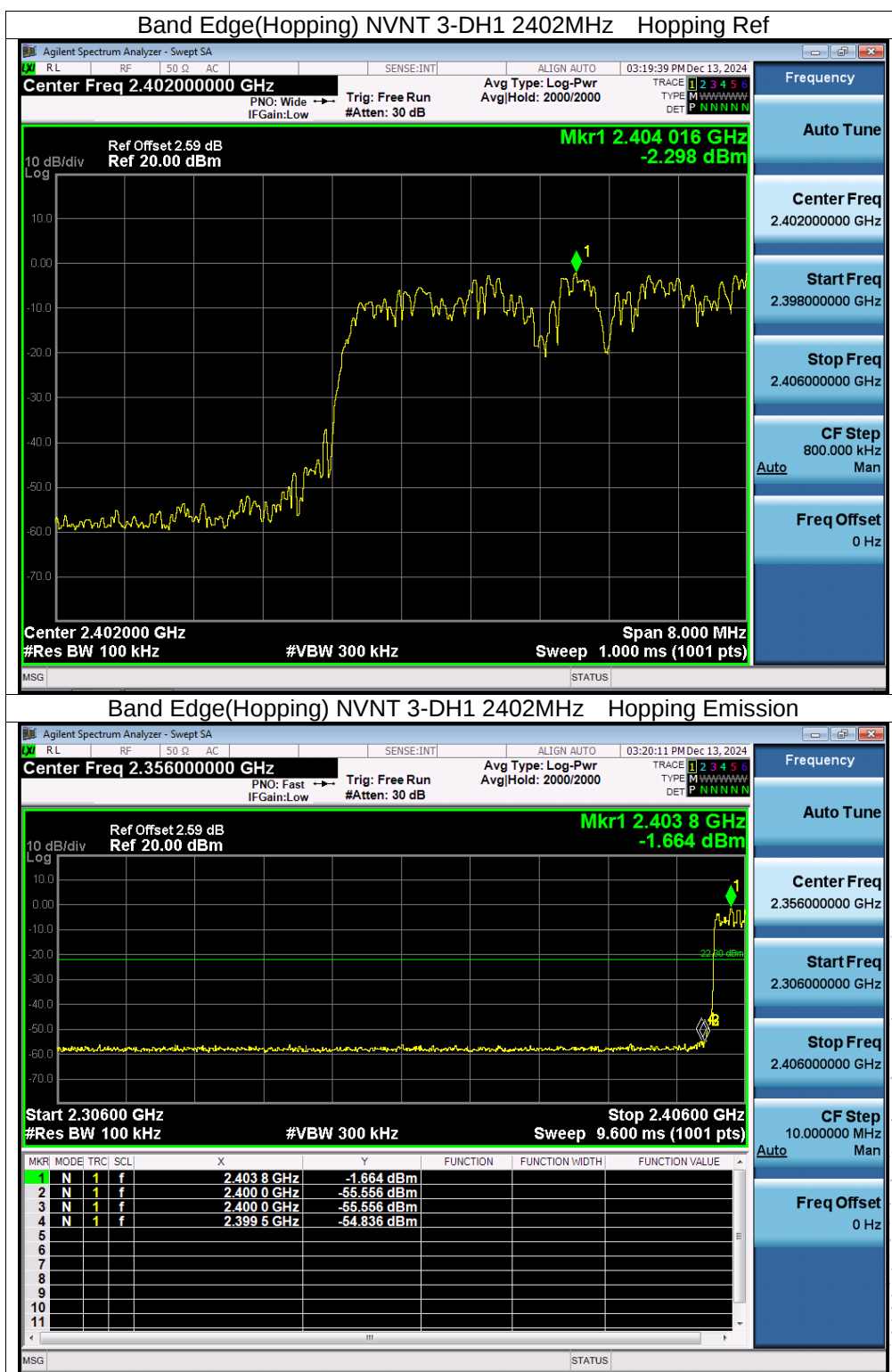


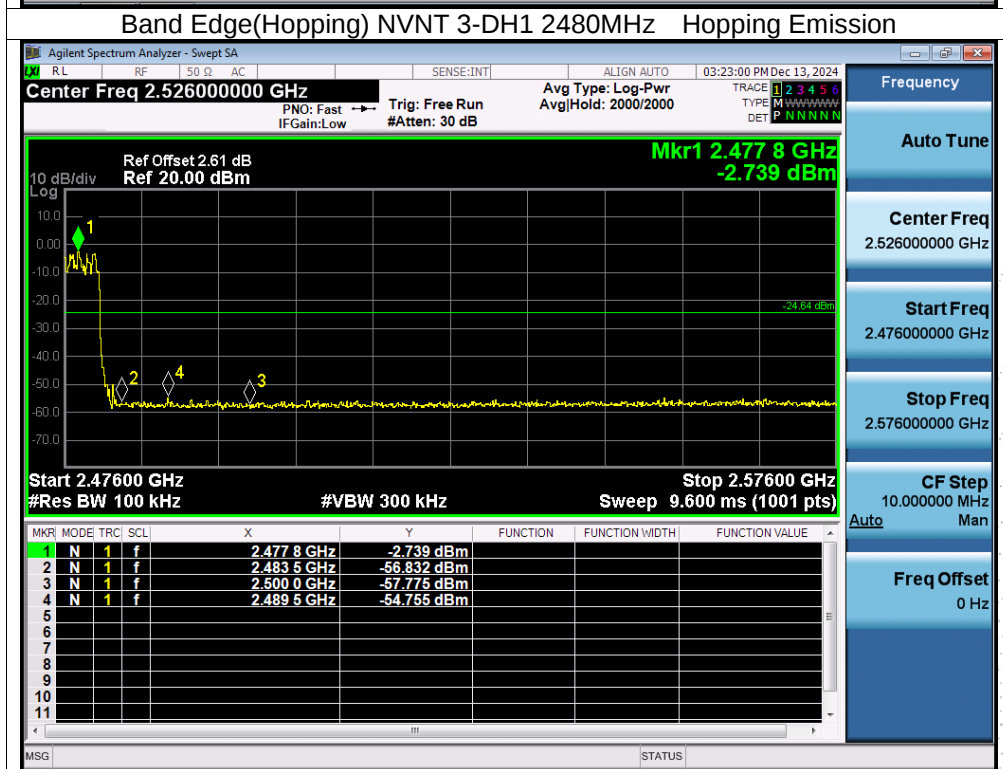
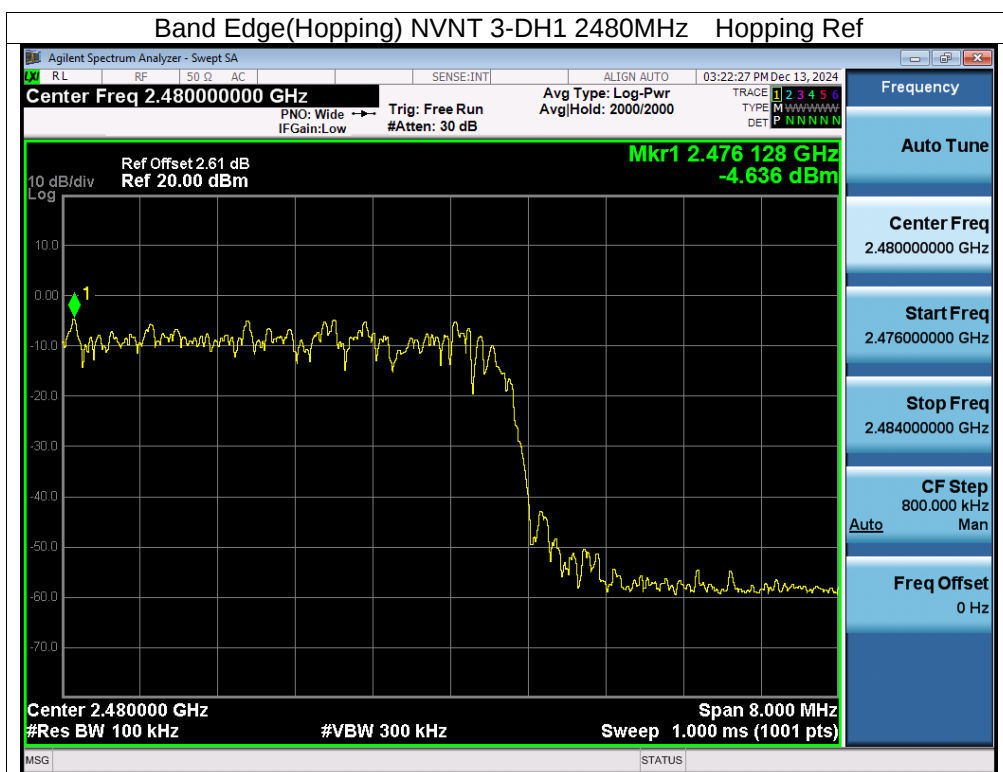








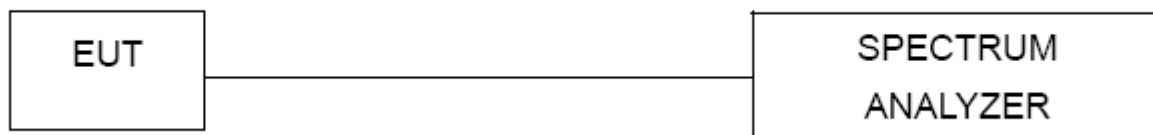




CO. LTD.

10. 20 dB Bandwidth

10.1 Block Diagram Of Test Setup



10.2 Limit

N/A

10.3 Test procedure

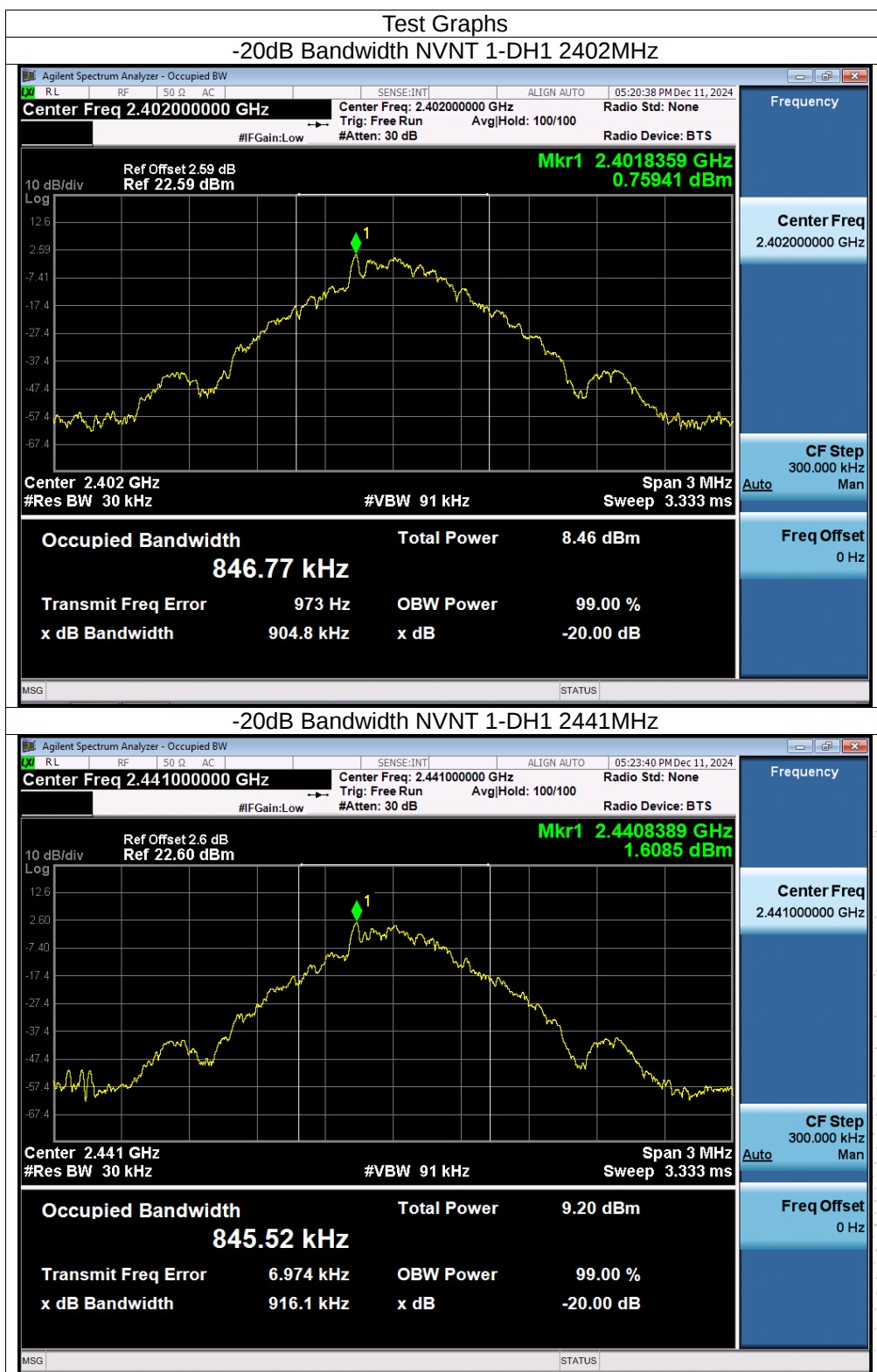
1. Set RBW = 30kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude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

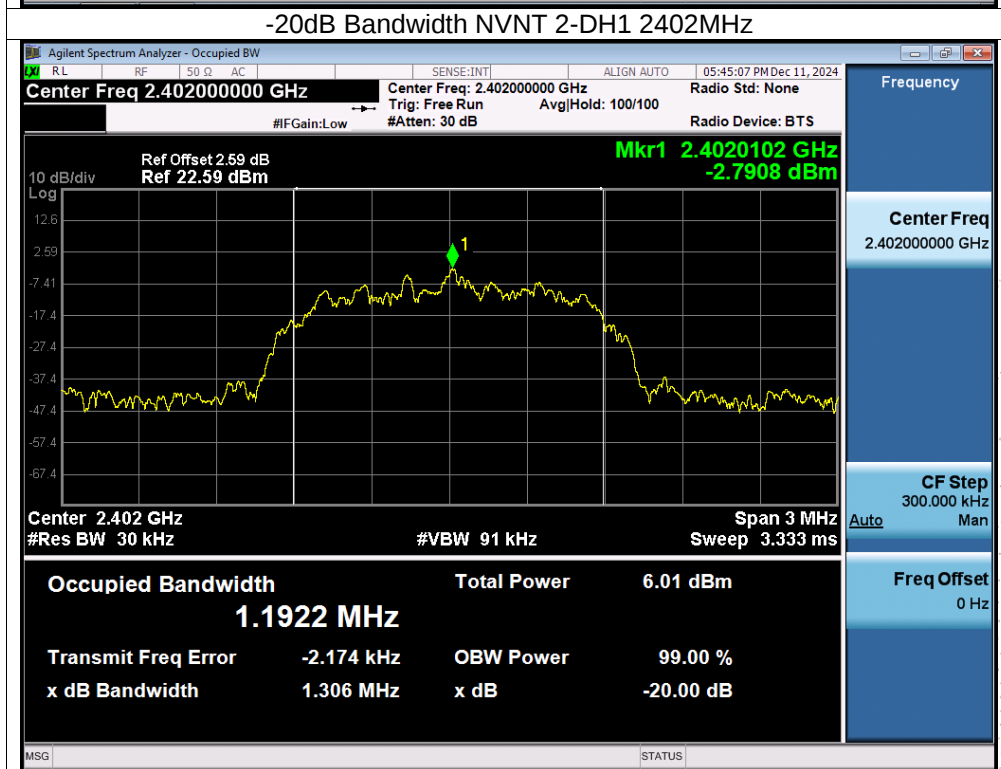
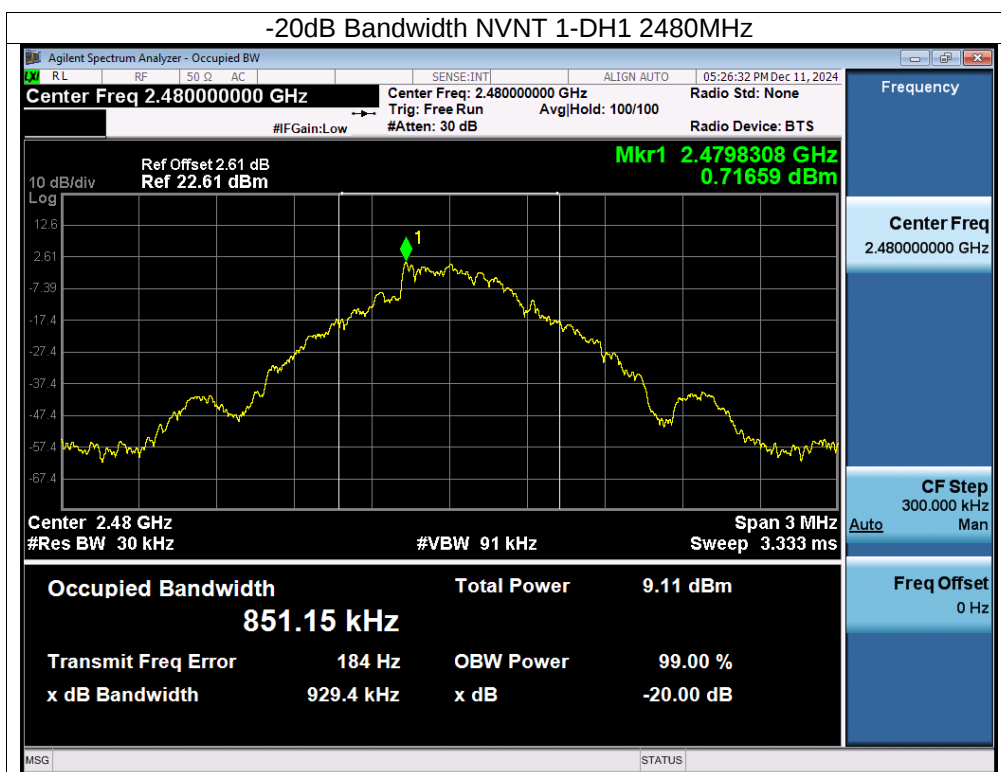
10.4 Test Result

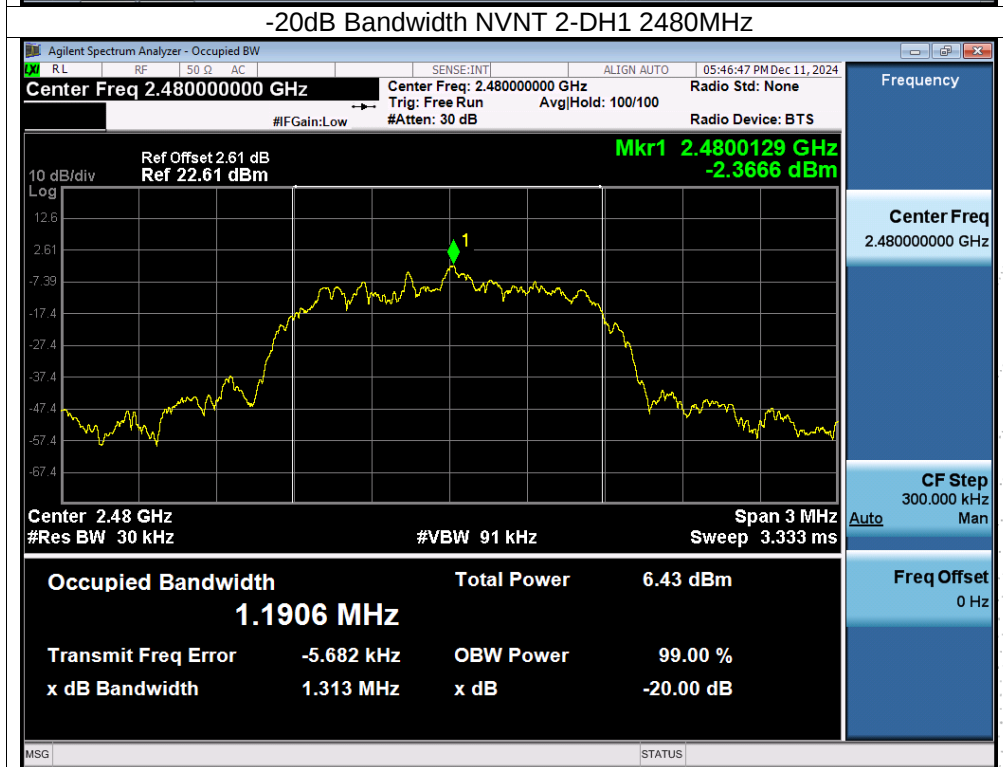
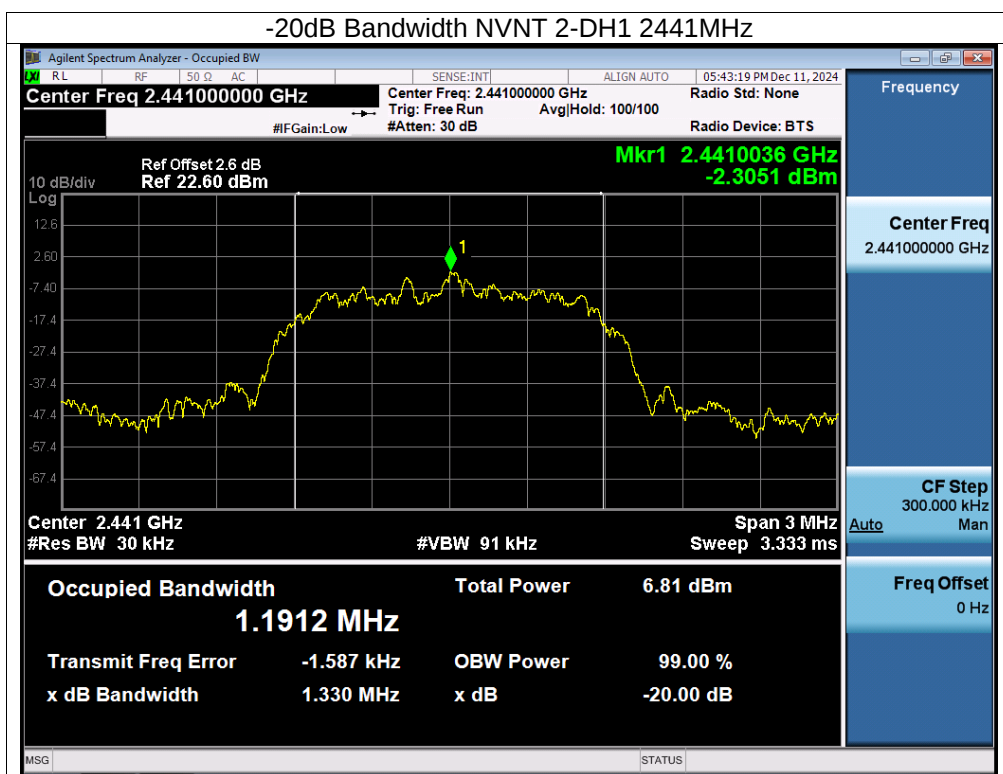
Chip 1

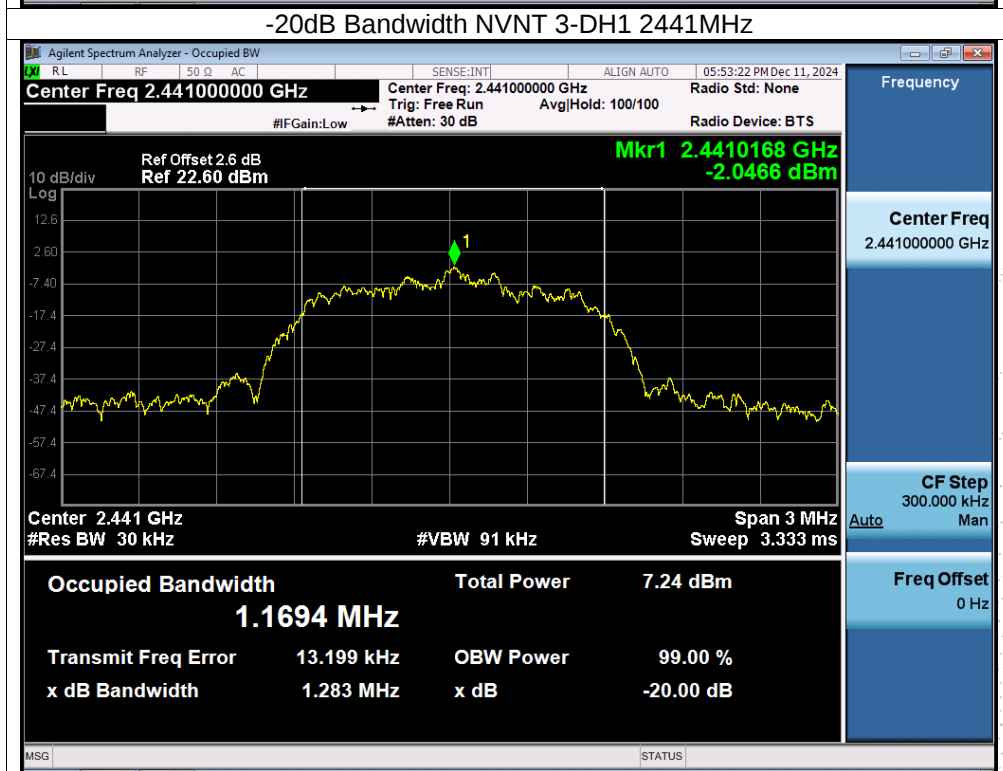
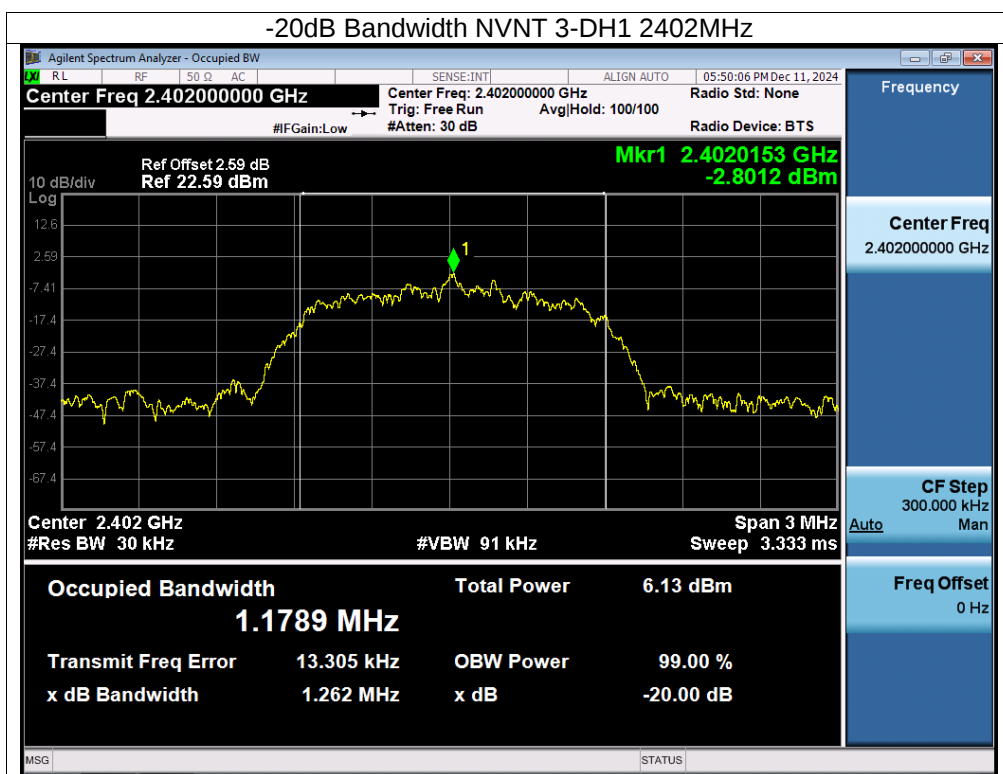
Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage :	DC 3.7V

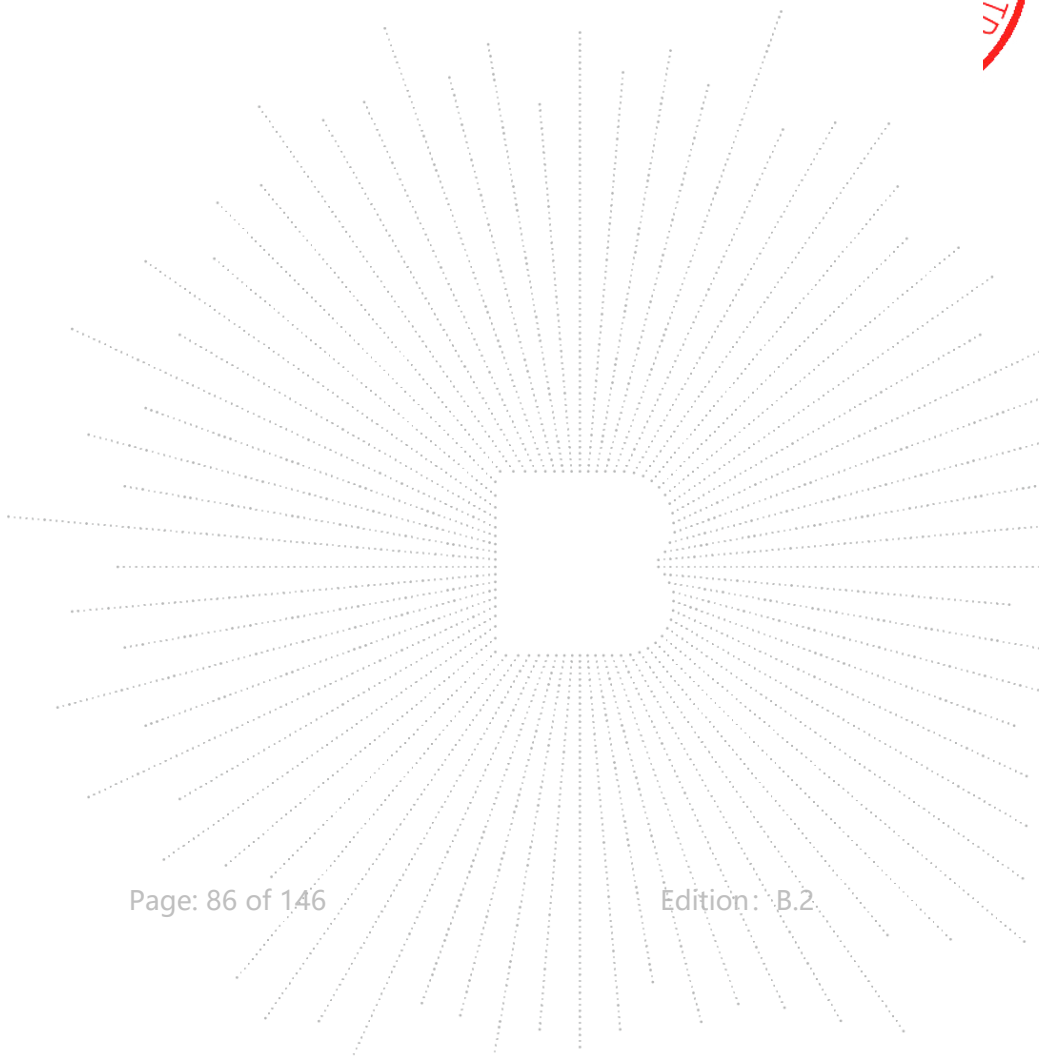
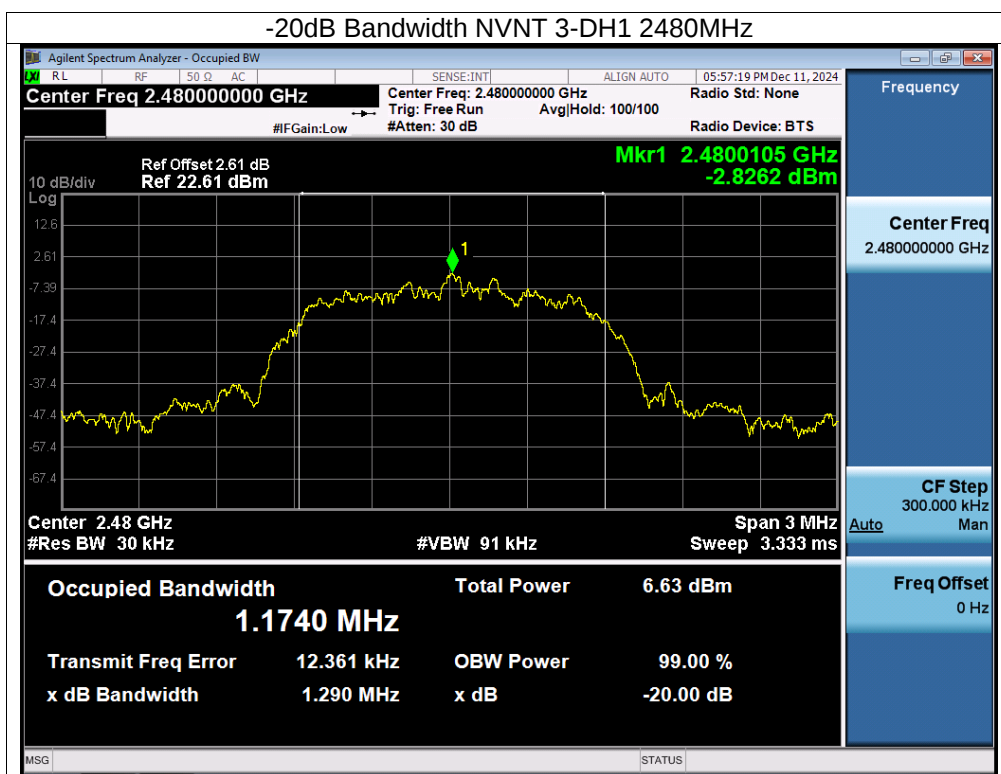
Condition	Mode	Frequency (MHz)	-20dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	0.905	Pass
NVNT	1-DH1	2441	0.916	Pass
NVNT	1-DH1	2480	0.929	Pass
NVNT	2-DH1	2402	1.306	Pass
NVNT	2-DH1	2441	1.330	Pass
NVNT	2-DH1	2480	1.313	Pass
NVNT	3-DH1	2402	1.262	Pass
NVNT	3-DH1	2441	1.283	Pass
NVNT	3-DH1	2480	1.290	Pass









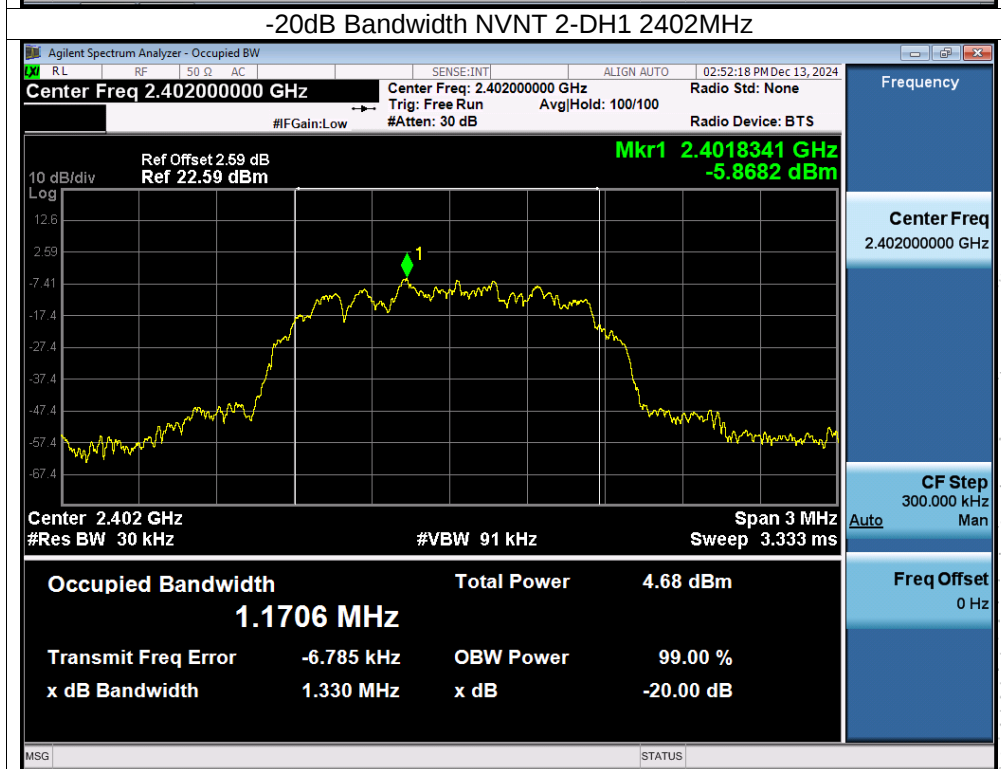
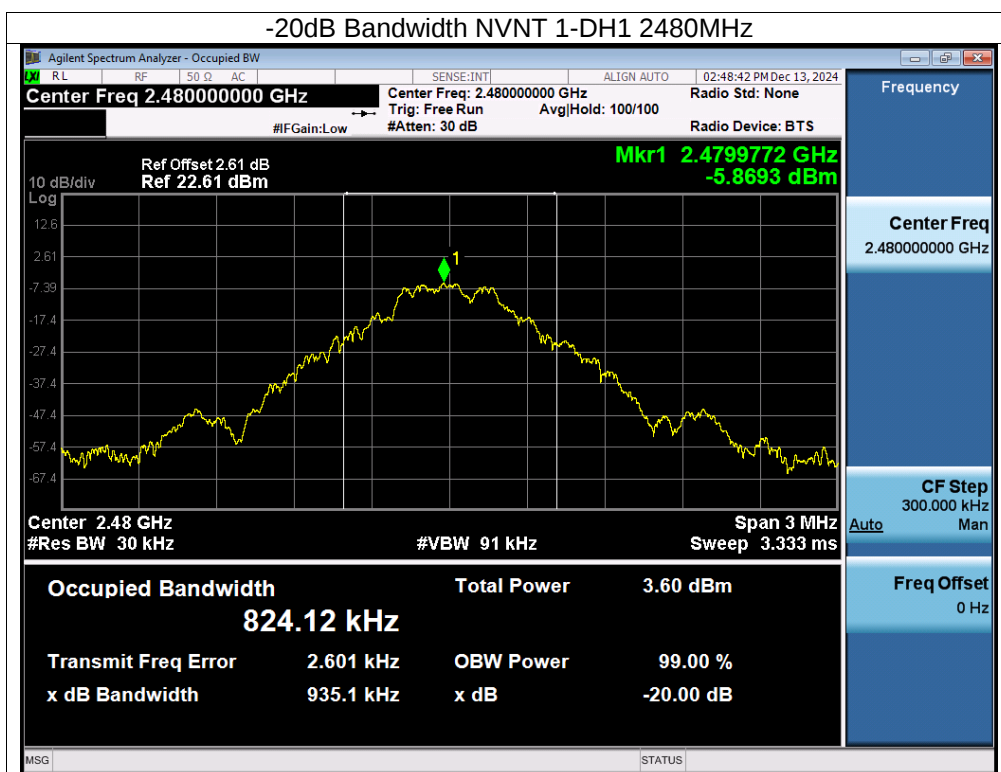


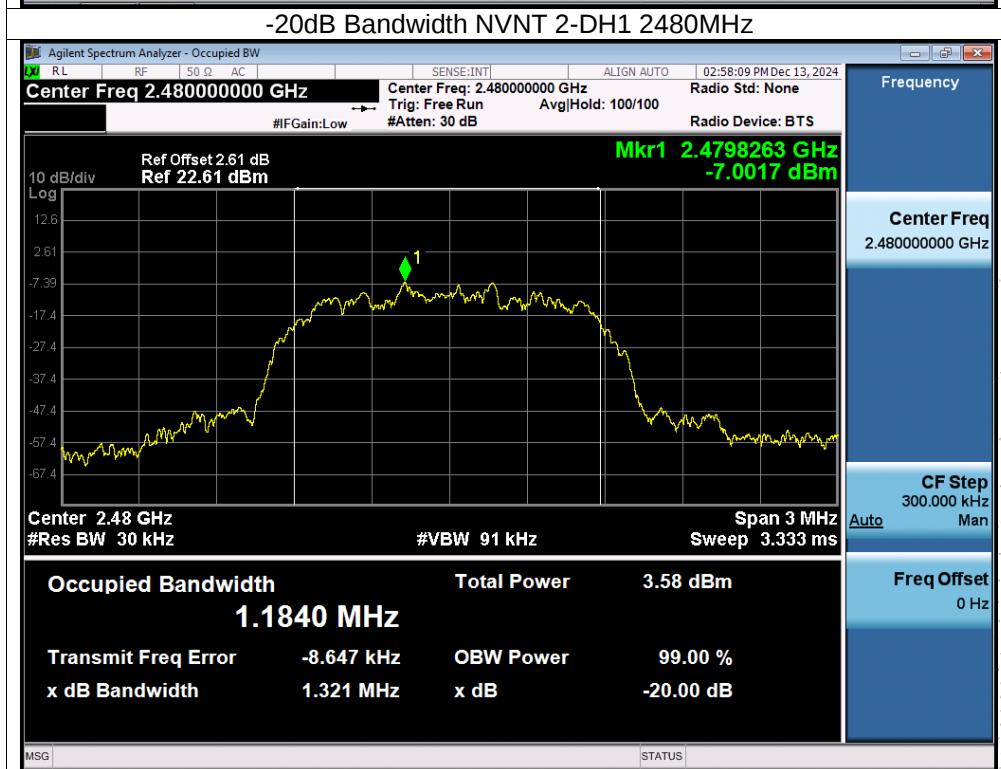
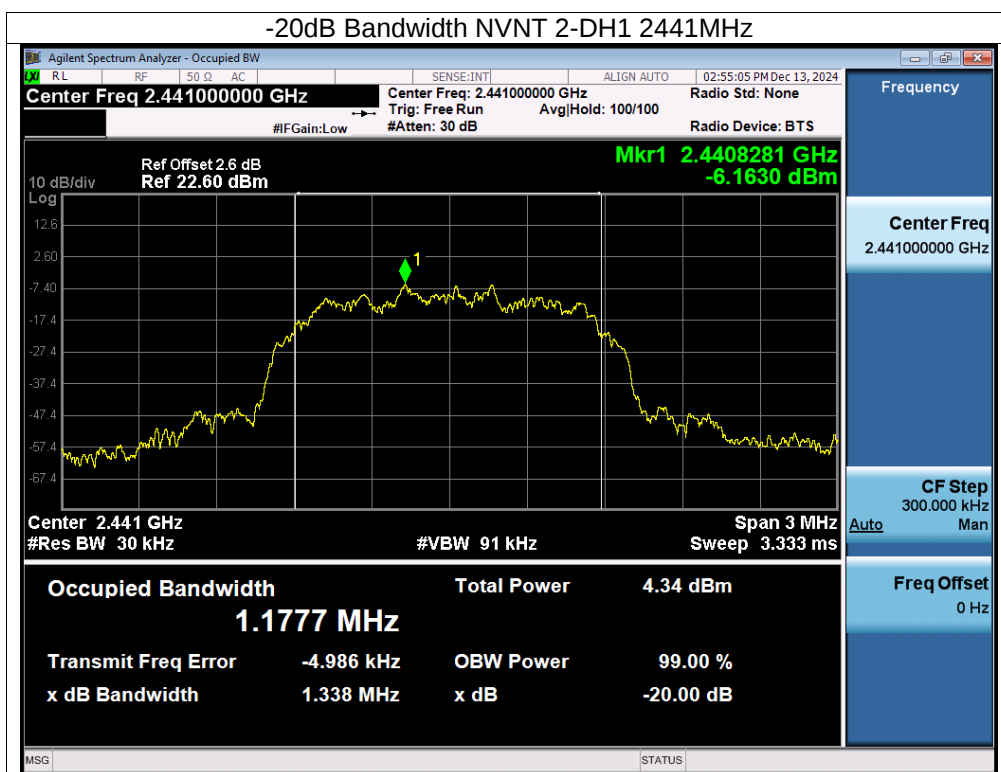
Chip 2

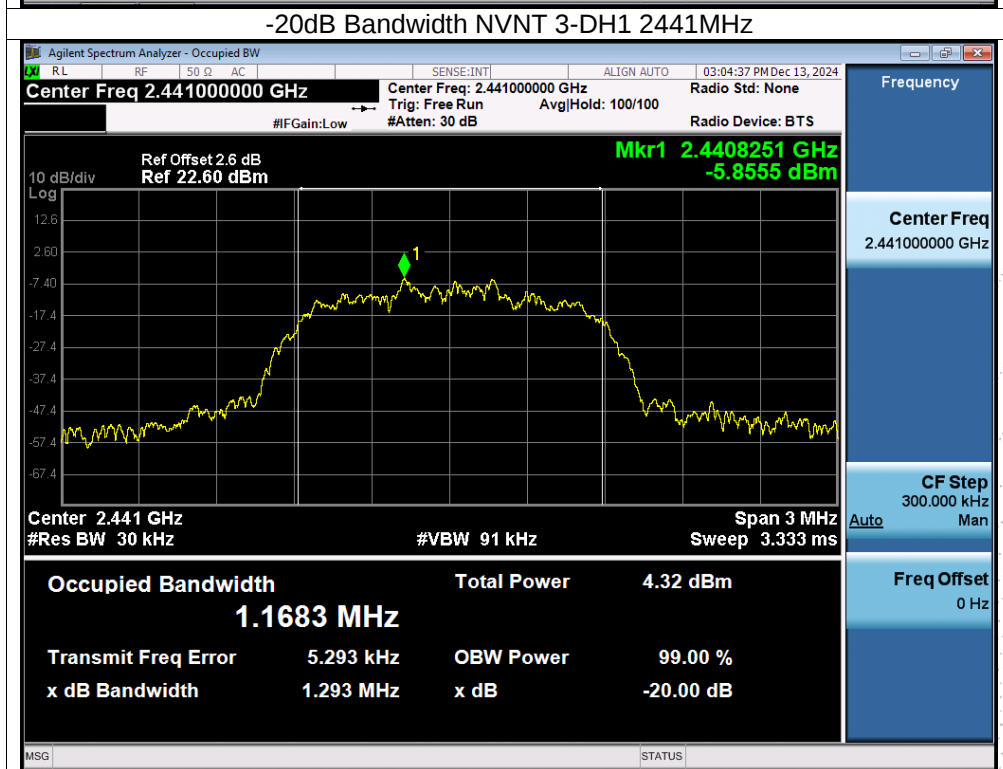
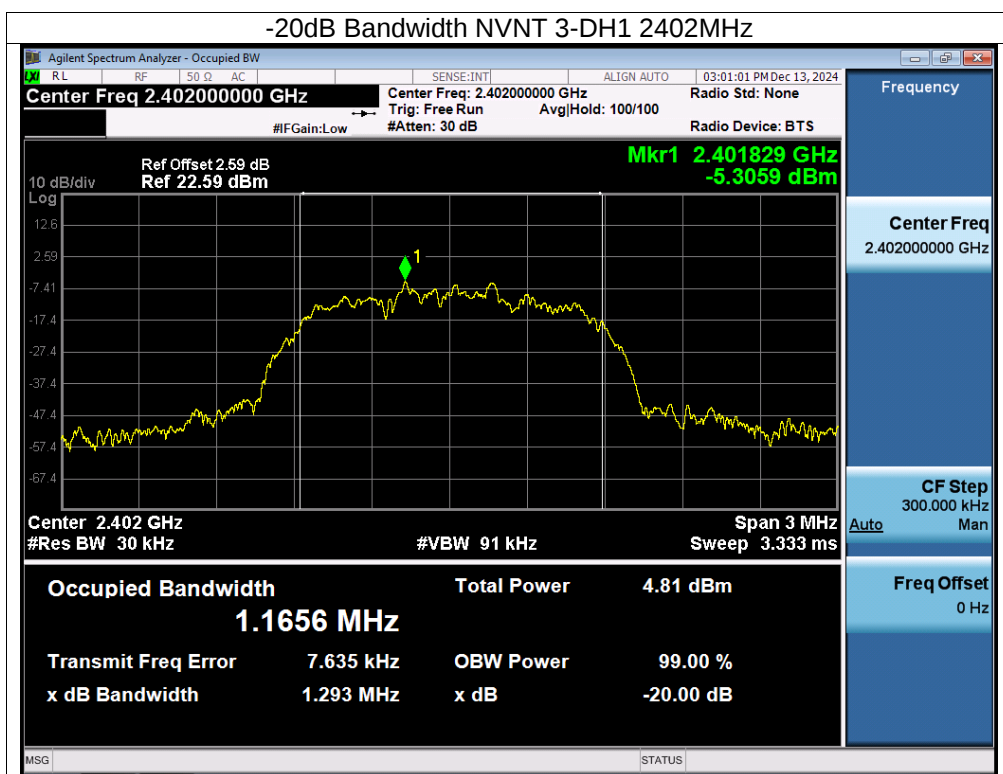
Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage :	DC 3.7V

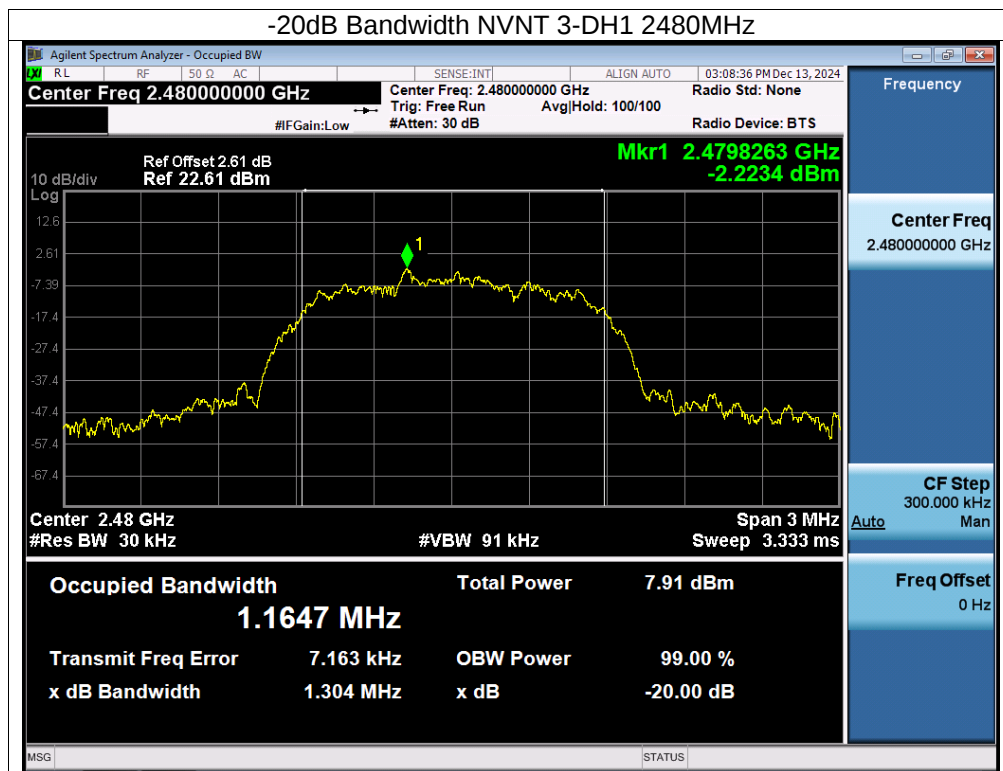
Condition	Mode	Frequency (MHz)	-20dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	0.938	Pass
NVNT	1-DH1	2441	0.961	Pass
NVNT	1-DH1	2480	0.935	Pass
NVNT	2-DH1	2402	1.330	Pass
NVNT	2-DH1	2441	1.338	Pass
NVNT	2-DH1	2480	1.321	Pass
NVNT	3-DH1	2402	1.293	Pass
NVNT	3-DH1	2441	1.293	Pass
NVNT	3-DH1	2480	1.304	Pass











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

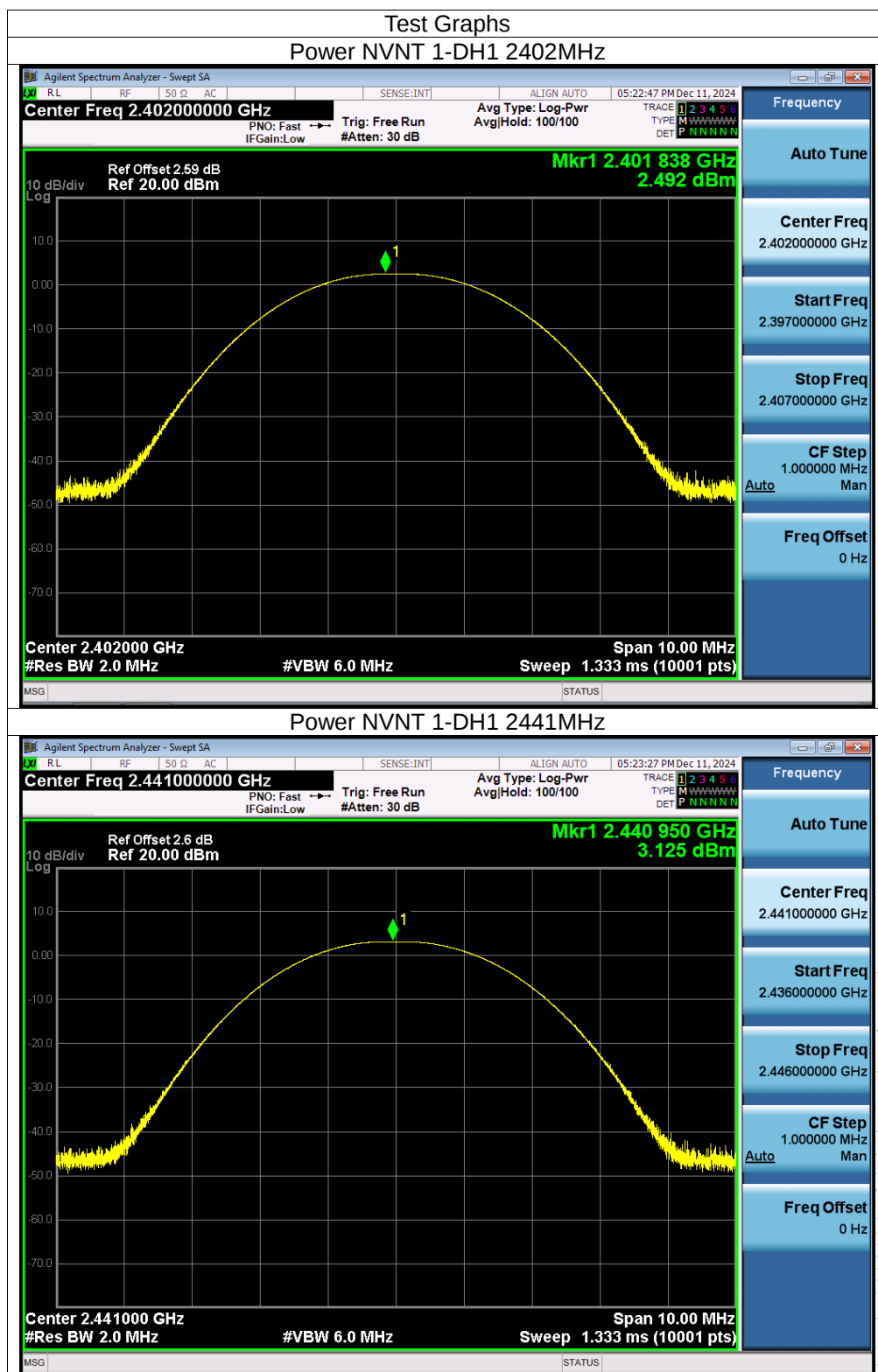
1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.
2. Set the spectrum analyzer: RBW = 2MHz. VBW = 6MHz. Sweep = auto; Detector Function = Peak.
3. Keep the EUT in transmitting at lowest, medium and highest channel individually. Record the max value.

11.4 Test Result

Chip 1

Temperature:	26 °C	Relative Humidity:	54%RH
Pressure:	101KPa	Test Voltage :	DC 3.7V

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	2.49	21	Pass
NVNT	1-DH1	2441	3.13	21	Pass
NVNT	1-DH1	2480	2.97	21	Pass
NVNT	2-DH1	2402	1.89	21	Pass
NVNT	2-DH1	2441	2.73	21	Pass
NVNT	2-DH1	2480	2.46	21	Pass
NVNT	3-DH1	2402	2.48	21	Pass
NVNT	3-DH1	2441	3.47	21	Pass
NVNT	3-DH1	2480	3.25	21	Pass



2017