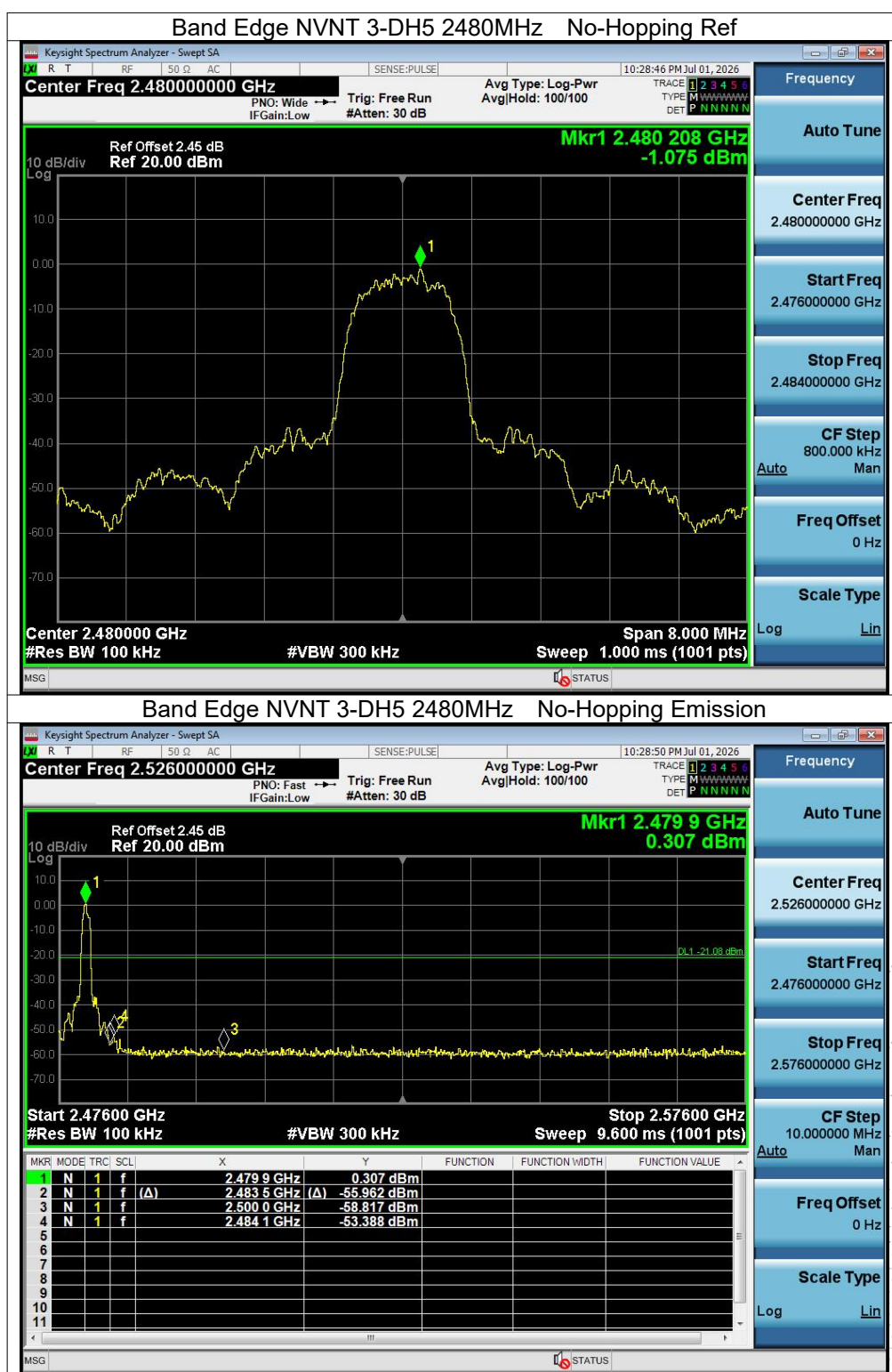














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10. 20 dB Bandwidth

10.1 Block Diagram Of Test Setup



10.2 Limit

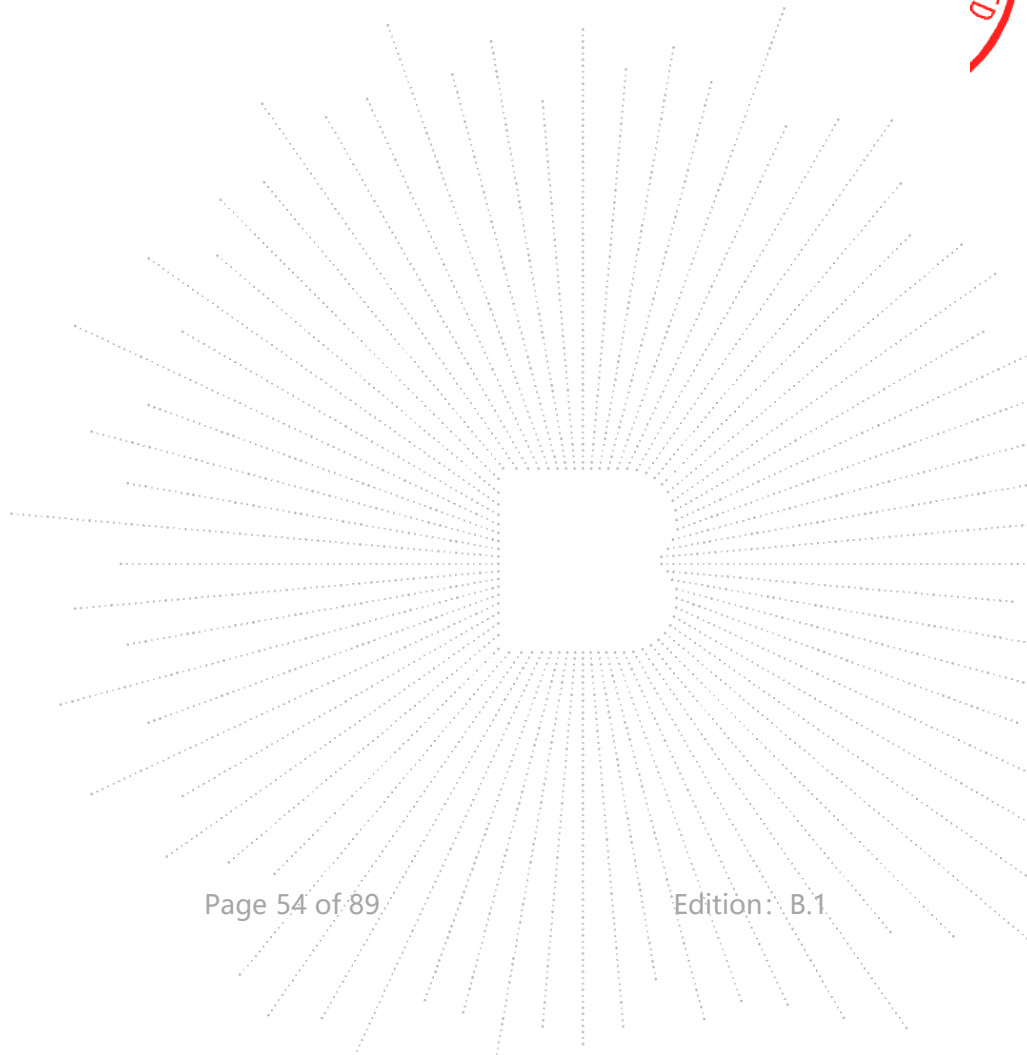
N/A

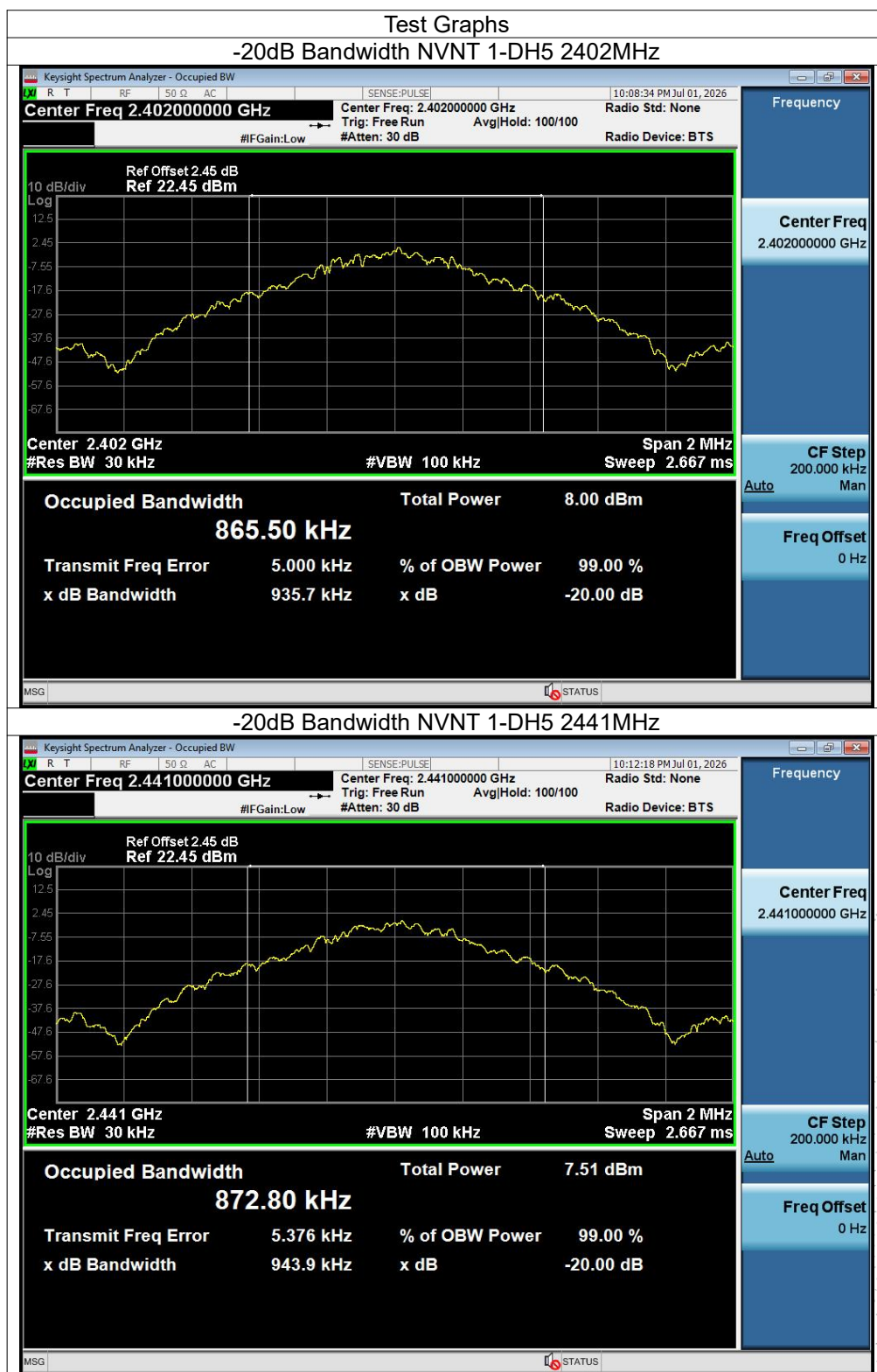
10.3 Test procedure

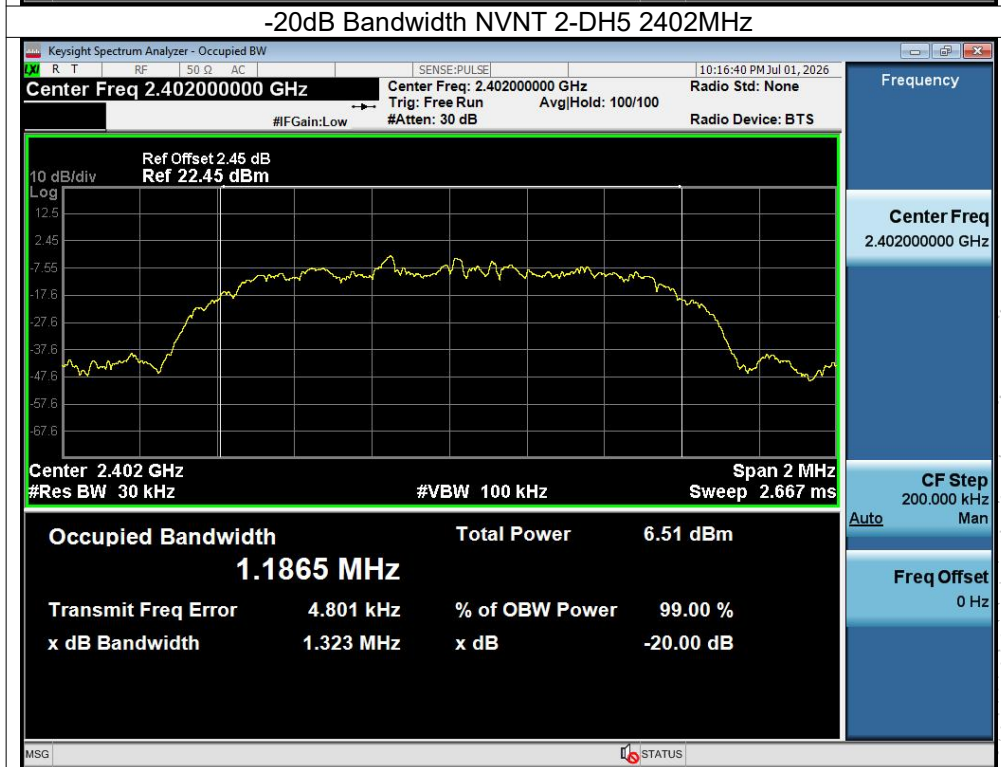
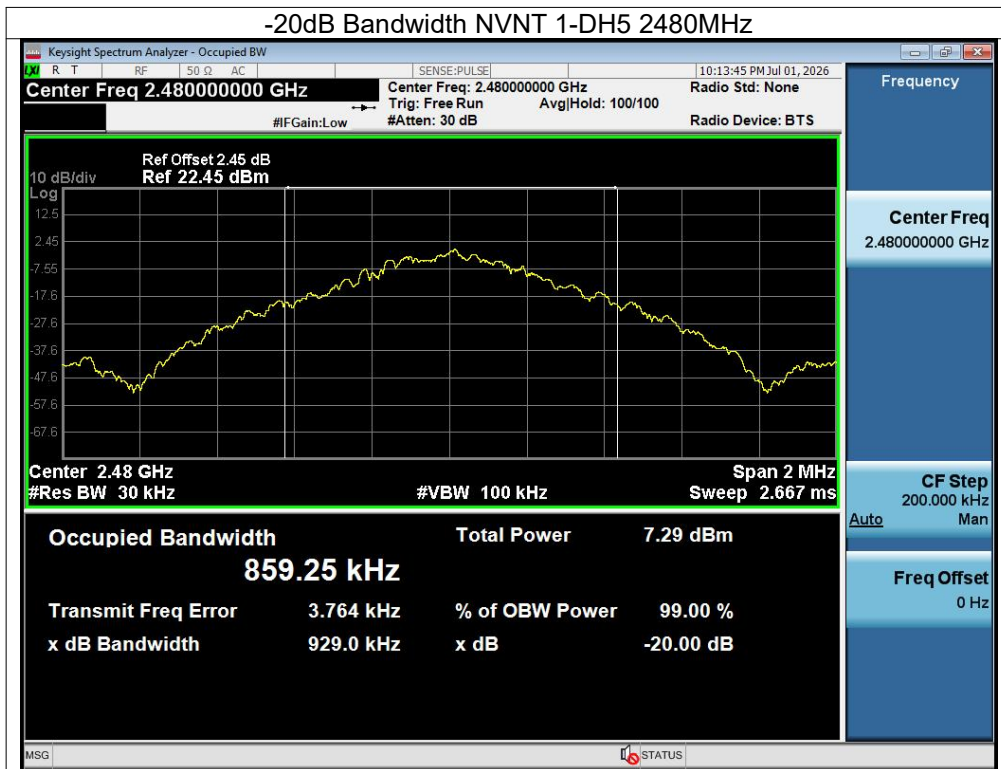
1. Set RBW = 30kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude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

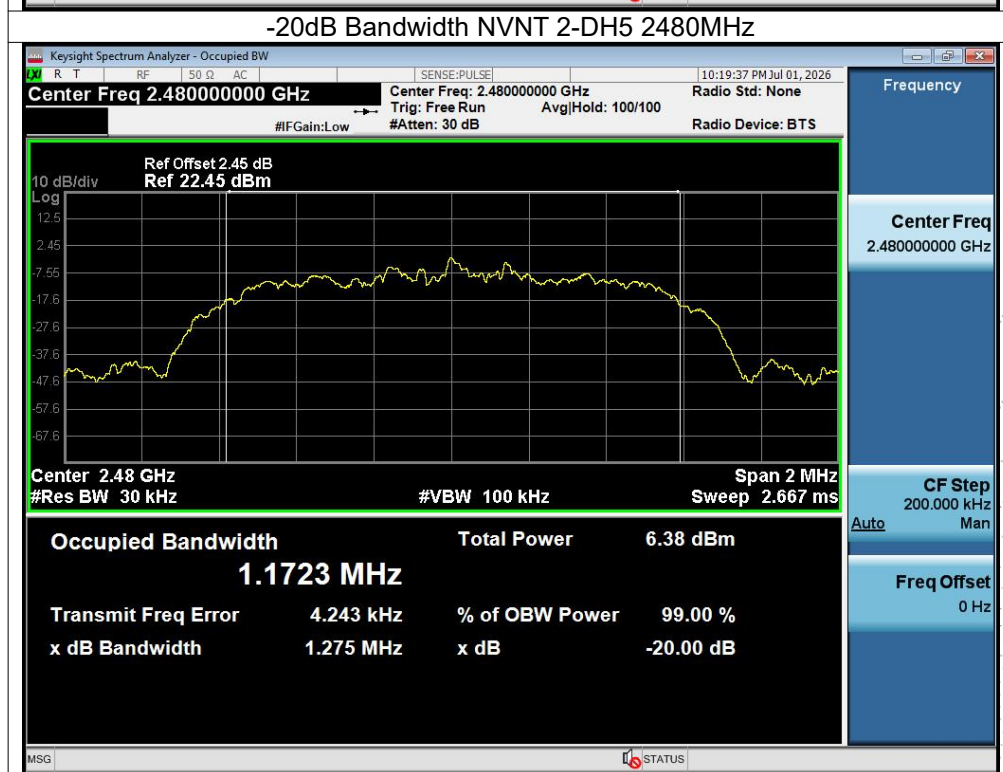
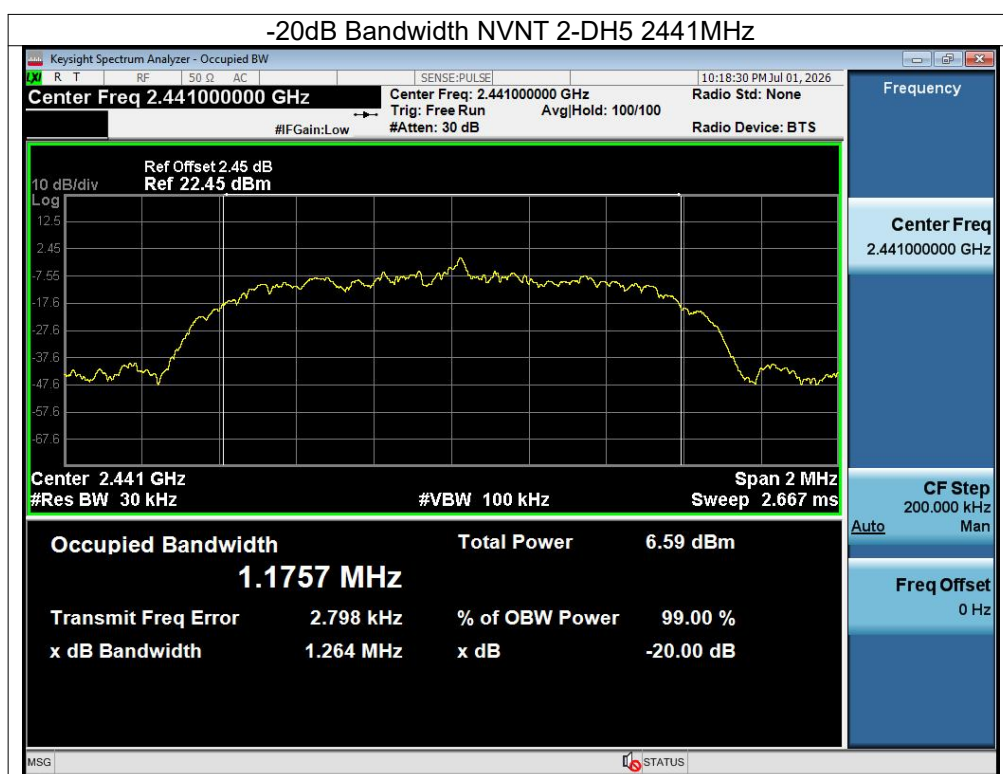
10.4 Test Result

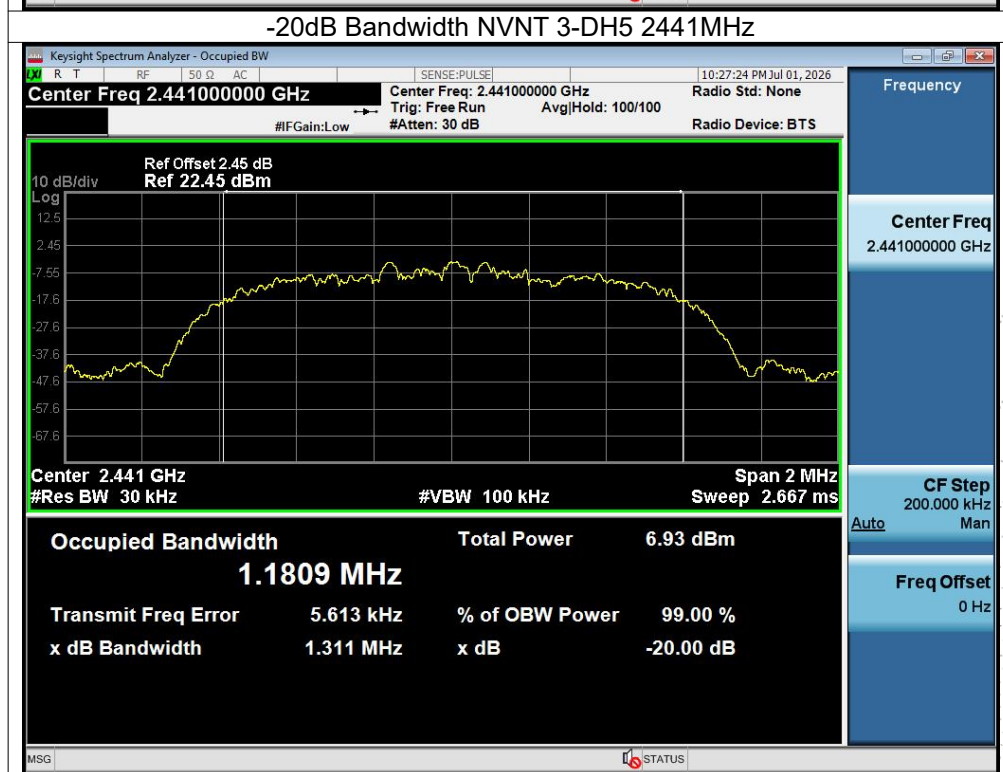
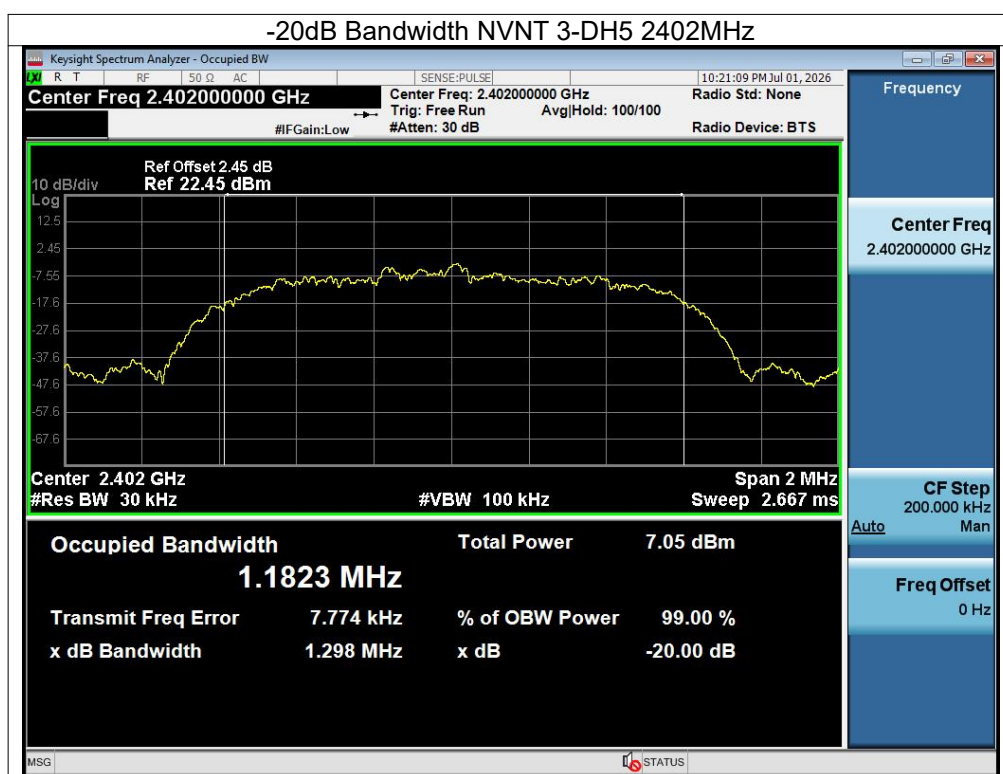
Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	0.936	Pass
NVNT	1-DH1	2441	0.944	Pass
NVNT	1-DH1	2480	0.929	Pass
NVNT	2-DH1	2402	1.323	Pass
NVNT	2-DH1	2441	1.264	Pass
NVNT	2-DH1	2480	1.275	Pass
NVNT	3-DH5	2402	1.298	Pass
NVNT	3-DH5	2441	1.311	Pass
NVNT	3-DH5	2480	1.283	Pass

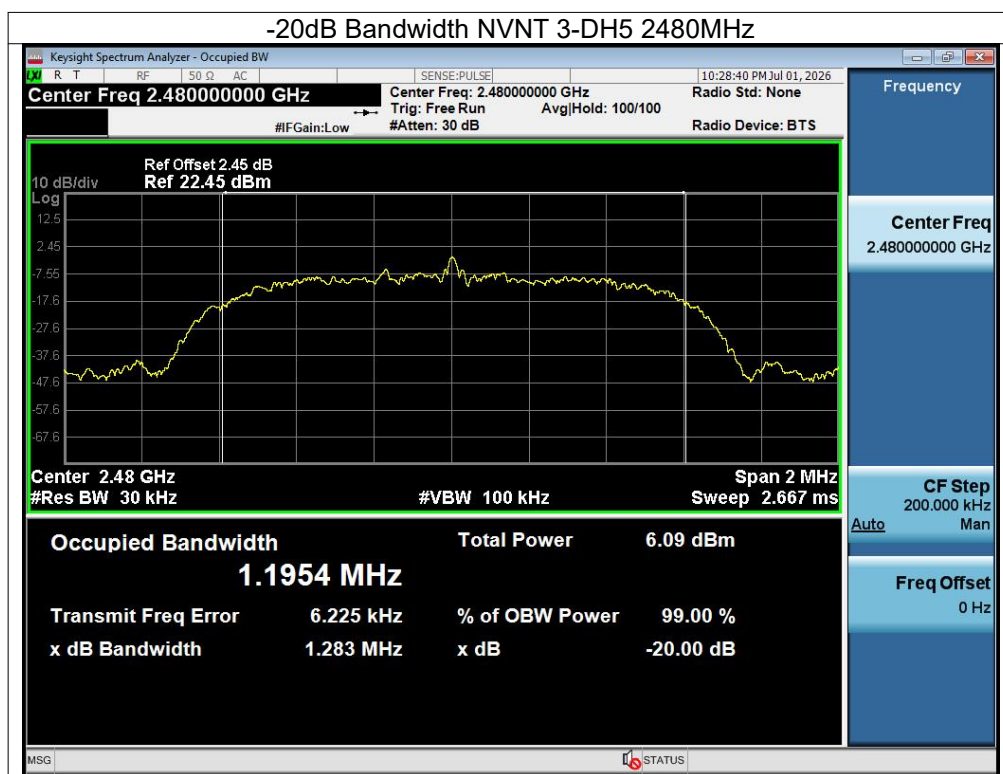












11. Maximum Peak Output Power

11.1 Block Diagram Of Test Setup



11.2 Limit

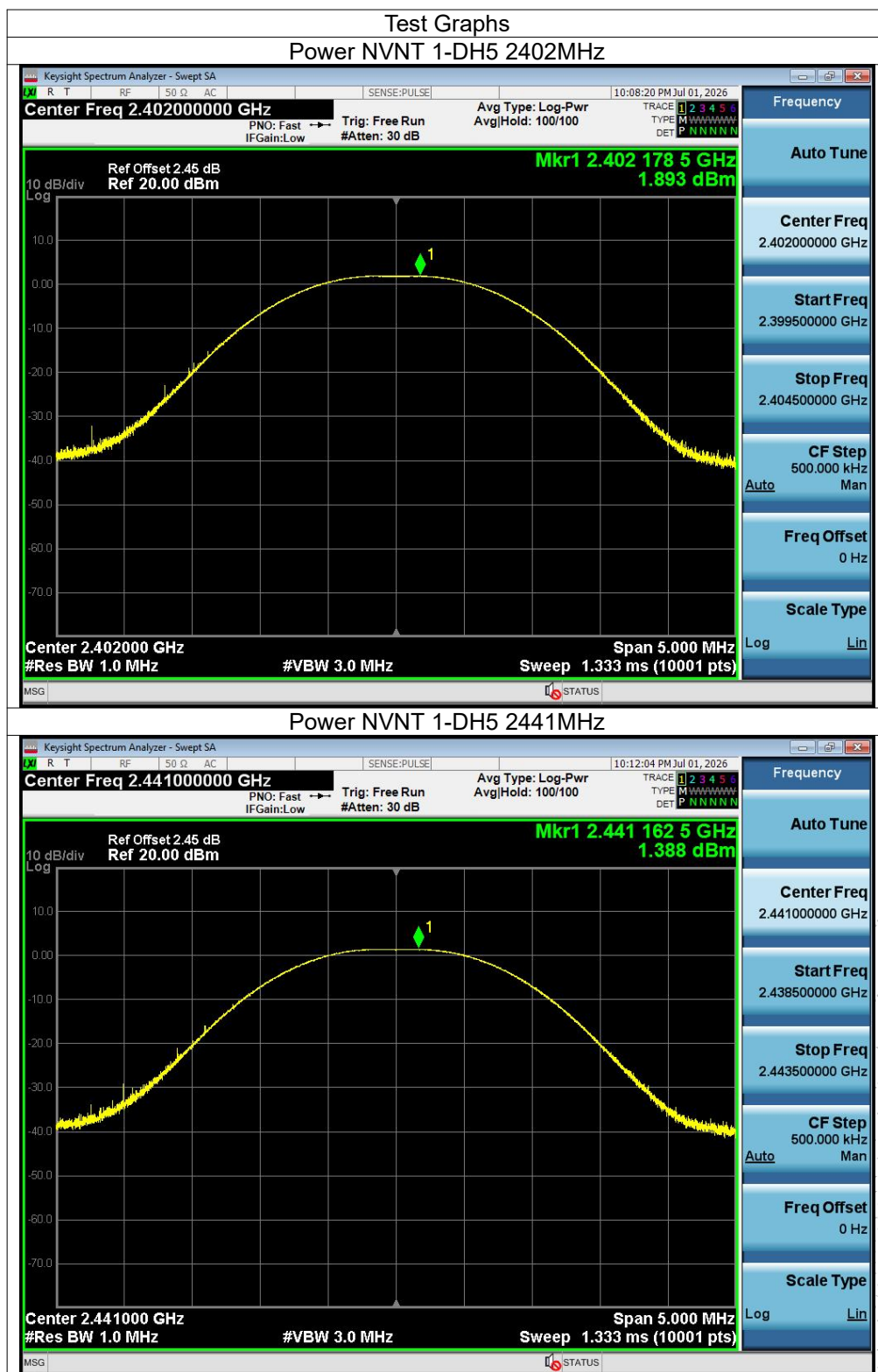
FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(1)	Peak Output Power	0.125 watt or 21dBm	2400-2483.5	PASS

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

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	1.89	21	Pass
NVNT	1-DH1	2441	1.39	21	Pass
NVNT	1-DH1	2480	0.96	21	Pass
NVNT	2-DH1	2402	2.54	21	Pass
NVNT	2-DH1	2441	2.22	21	Pass
NVNT	2-DH1	2480	1.76	21	Pass
NVNT	3-DH5	2402	3.06	21	Pass
NVNT	3-DH5	2441	2.66	21	Pass
NVNT	3-DH5	2480	2.17	21	Pass



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