

[Test mode:TX High channel]; [Polarity: Vertical]

Radiated Emission Measurement



Site Polarization: **Vertical** Temperature: (C)
 Limit: FCC Part15 (PK) Power: Humidity: %RH
 EUT: wireless Bluetooth speaker
 M/N: J-Cubic
 Mode: BT-TX-2480
 Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	2483.500	41.81	-2.91	38.90	74.00	-35.10	peak	
2		2500.000	41.37	-3.00	38.37	74.00	-35.63	peak	

Test Result: Pass

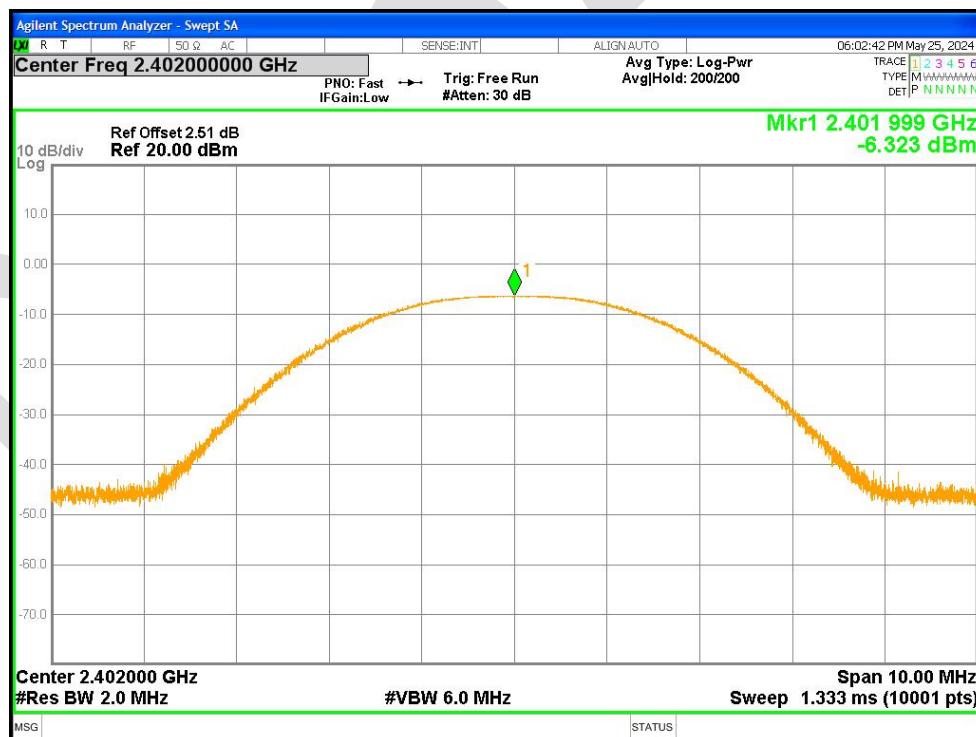
DH1,DH3, DH5 all have been tested, during the test, GFSK, pi/4DQPSK, 8DPSK, modulation were all pre-scanned Only the GFSK of the worst mode would be recorded in this report.

7 Appendix A

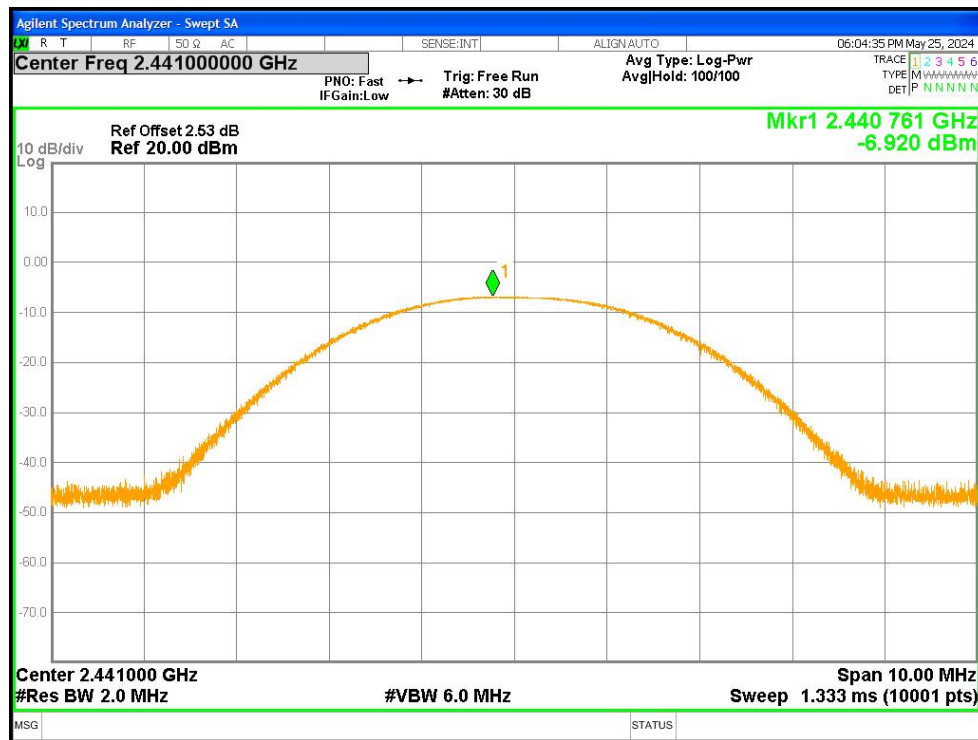
7.1 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-6.323	21	Pass
NVNT	1-DH1	2441	Ant1	-6.92	21	Pass
NVNT	1-DH1	2480	Ant1	-7.415	21	Pass
NVNT	2-DH1	2402	Ant1	-6.38	21	Pass
NVNT	2-DH1	2441	Ant1	-6.962	21	Pass
NVNT	2-DH1	2480	Ant1	-7.398	21	Pass
NVNT	3-DH1	2402	Ant1	-6.426	21	Pass
NVNT	3-DH1	2441	Ant1	-7.014	21	Pass
NVNT	3-DH1	2480	Ant1	-7.413	21	Pass

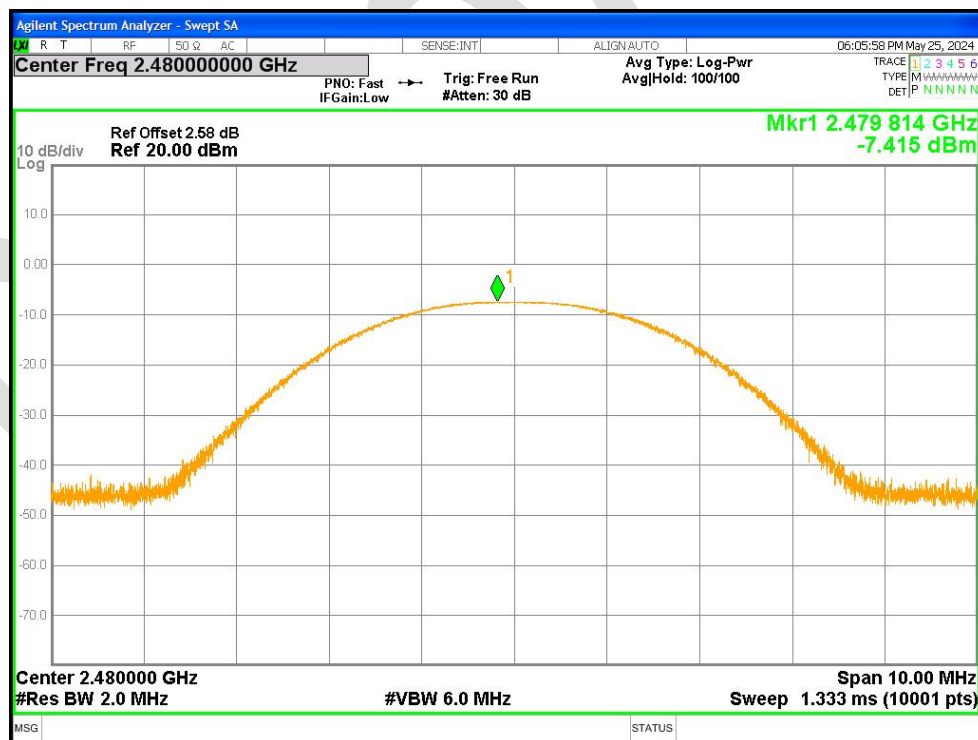
Power NVNT 1-DH1 2402MHz Ant1



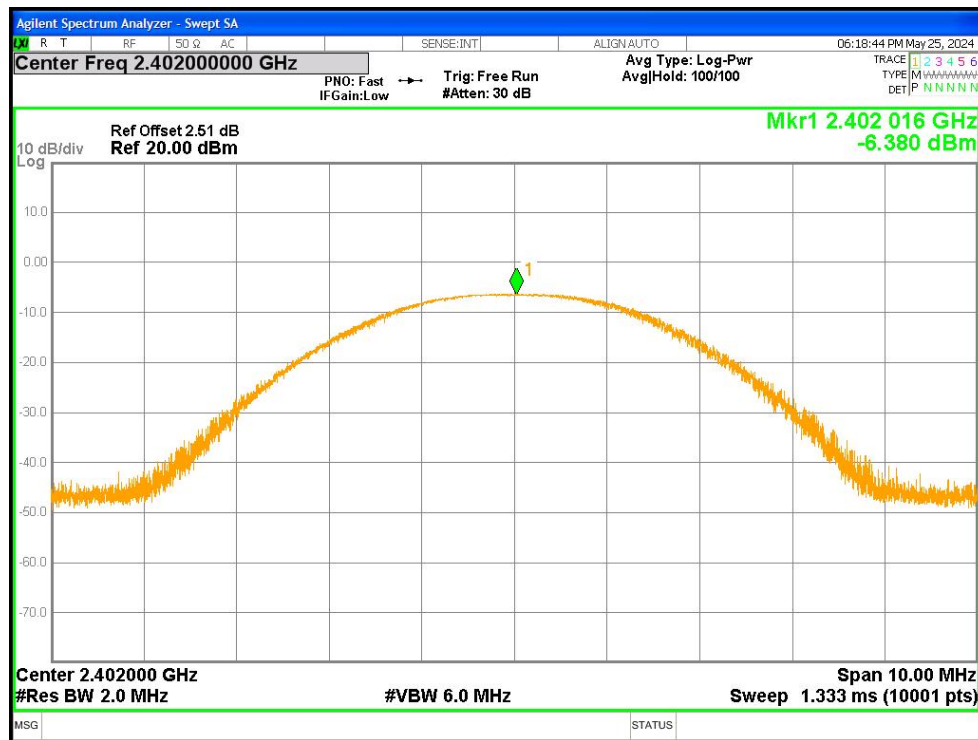
Power NVNT 1-DH1 2441MHz Ant1



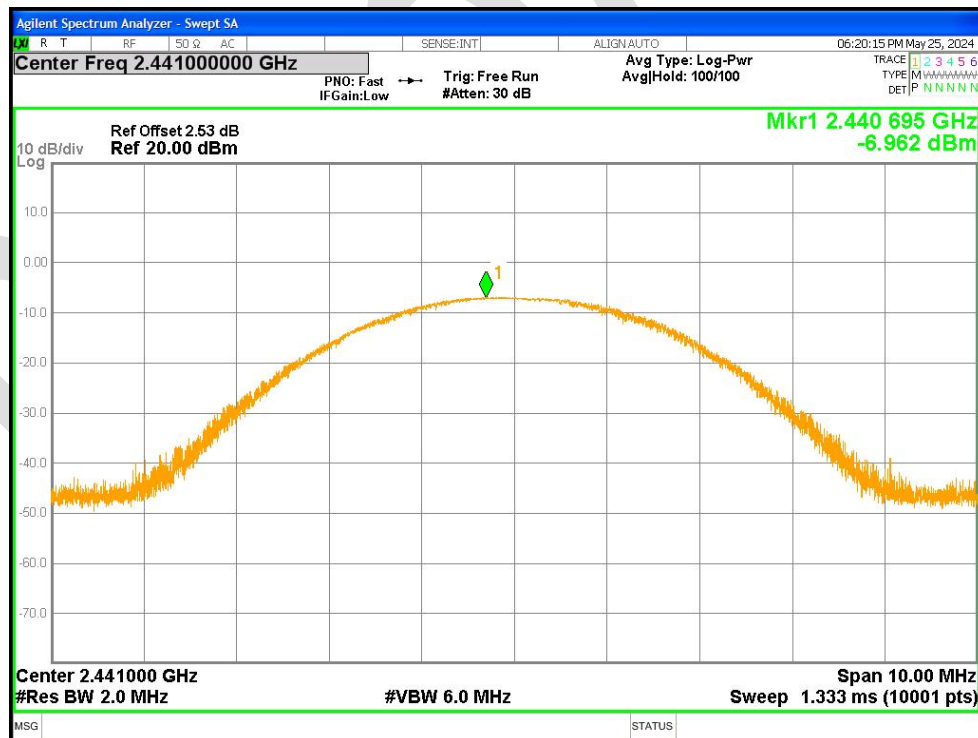
Power NVNT 1-DH1 2480MHz Ant1



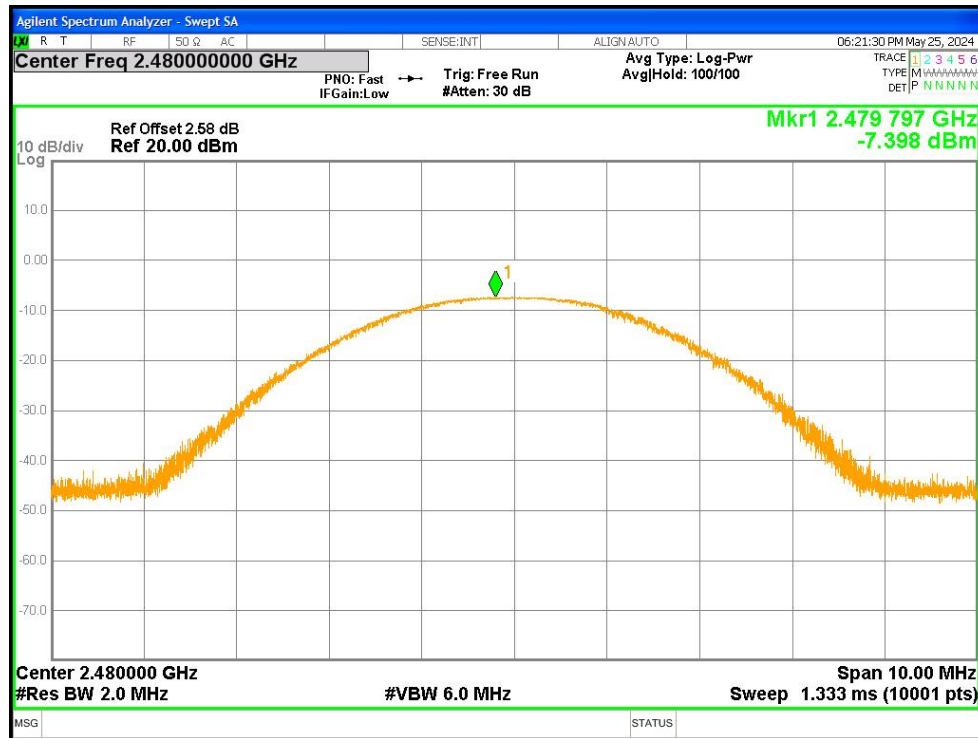
Power NVNT 2-DH1 2402MHz Ant1



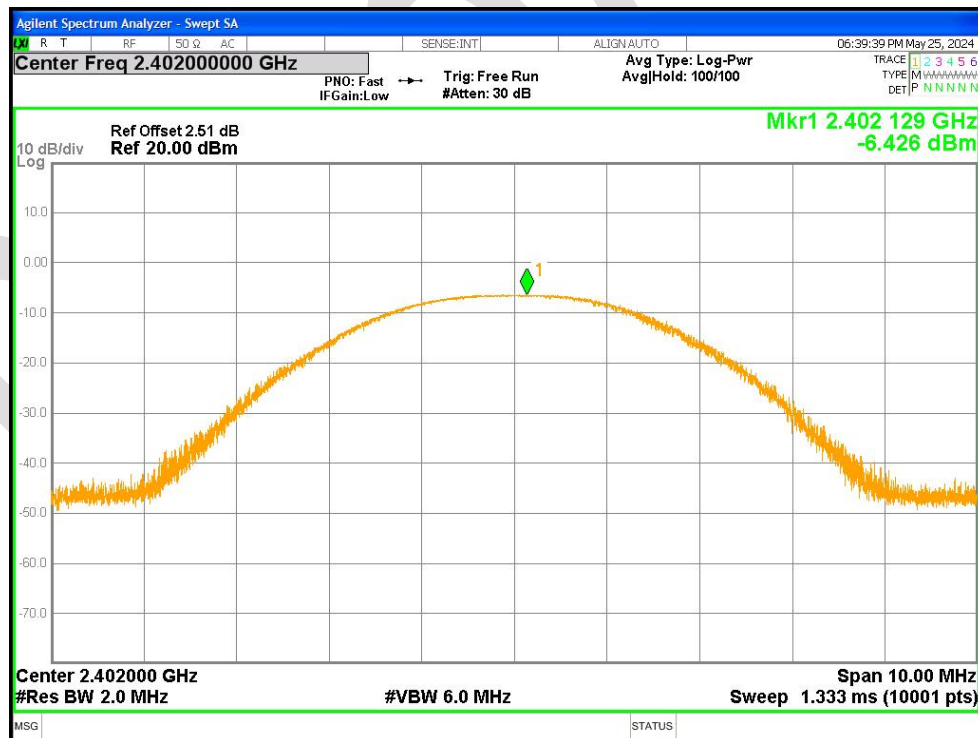
Power NVNT 2-DH1 2441MHz Ant1



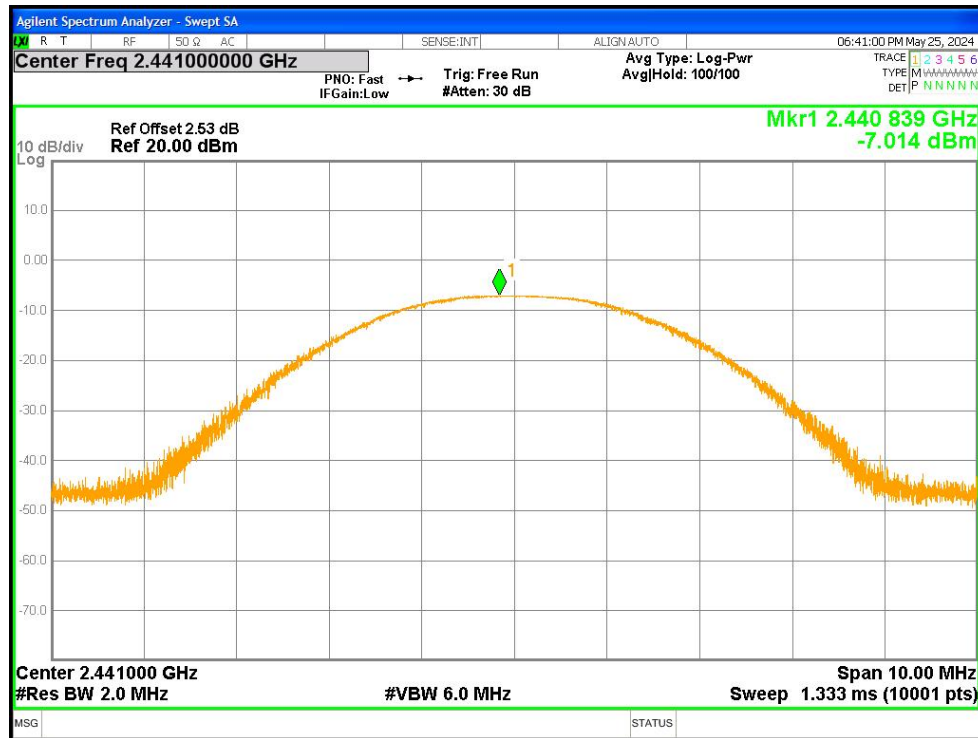
Power NVNT 2-DH1 2480MHz Ant1



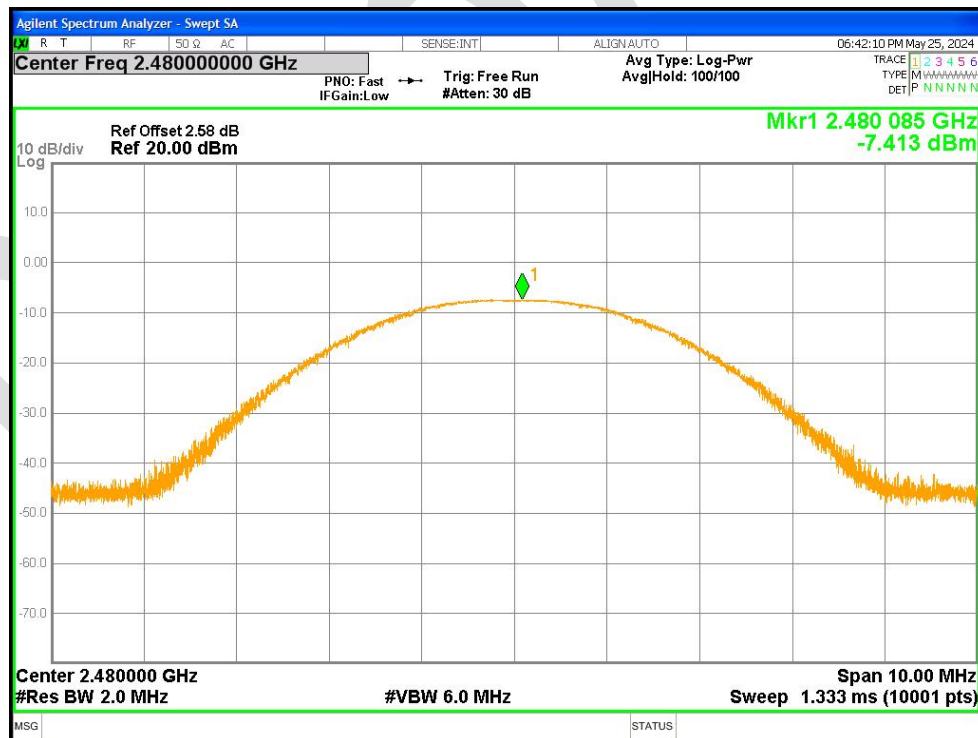
Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



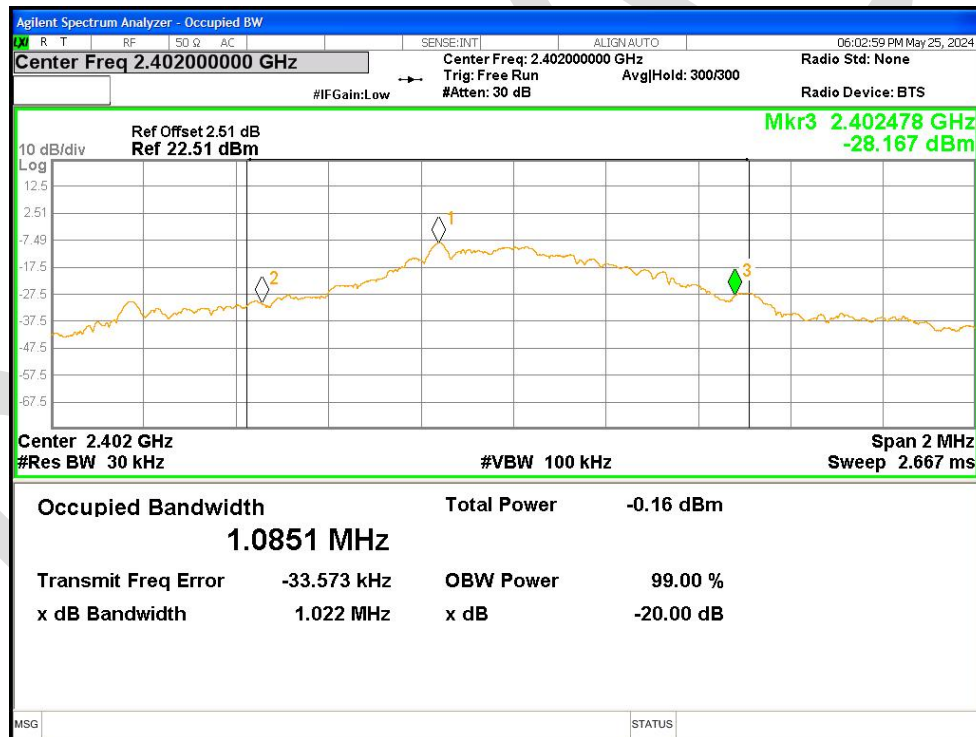
Power NVNT 3-DH1 2480MHz Ant1



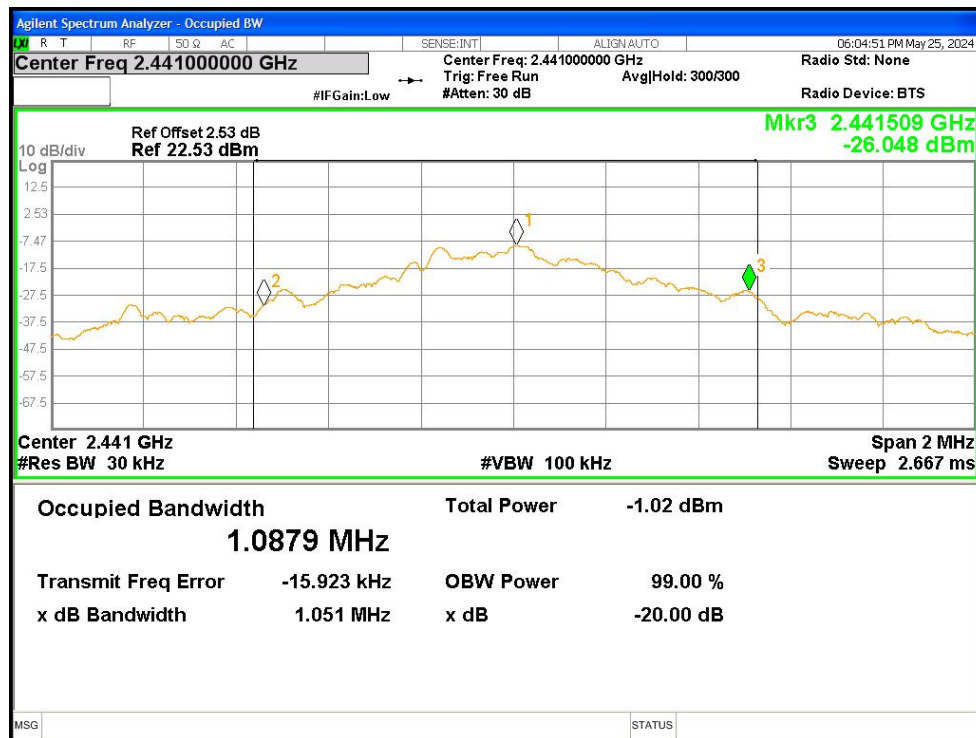
7.2 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	1.022	N/A	Pass
NVNT	1-DH1	2441	Ant1	1.051	N/A	Pass
NVNT	1-DH1	2480	Ant1	1.007	N/A	Pass
NVNT	2-DH1	2402	Ant1	1.243	N/A	Pass
NVNT	2-DH1	2441	Ant1	1.258	N/A	Pass
NVNT	2-DH1	2480	Ant1	1.226	N/A	Pass
NVNT	3-DH1	2402	Ant1	1.214	N/A	Pass
NVNT	3-DH1	2441	Ant1	1.241	N/A	Pass
NVNT	3-DH1	2480	Ant1	1.235	N/A	Pass

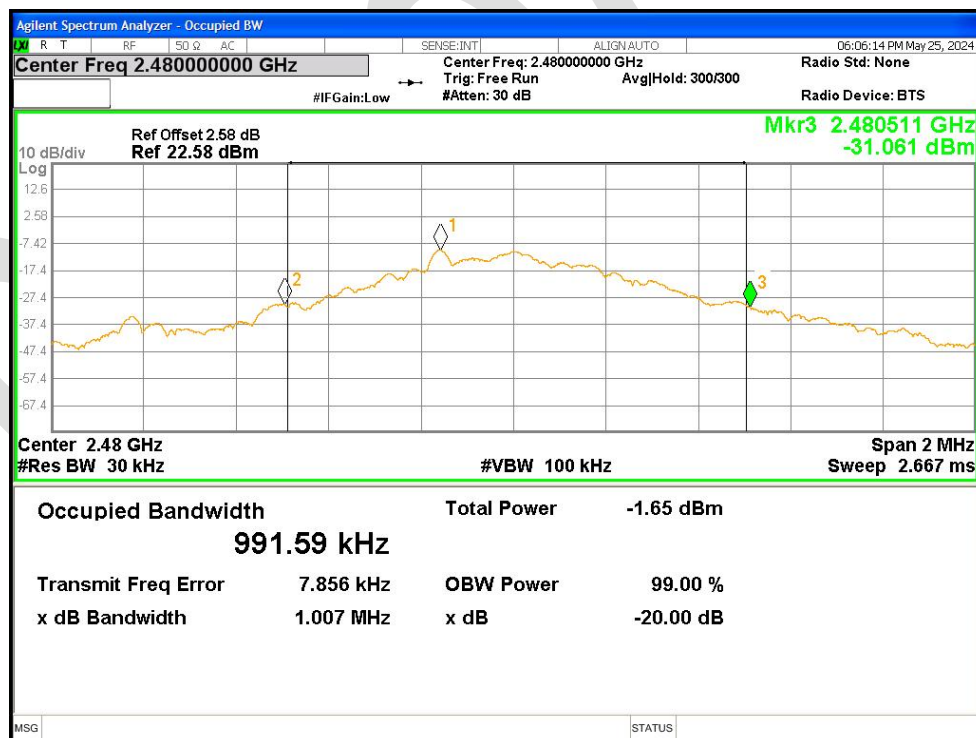
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



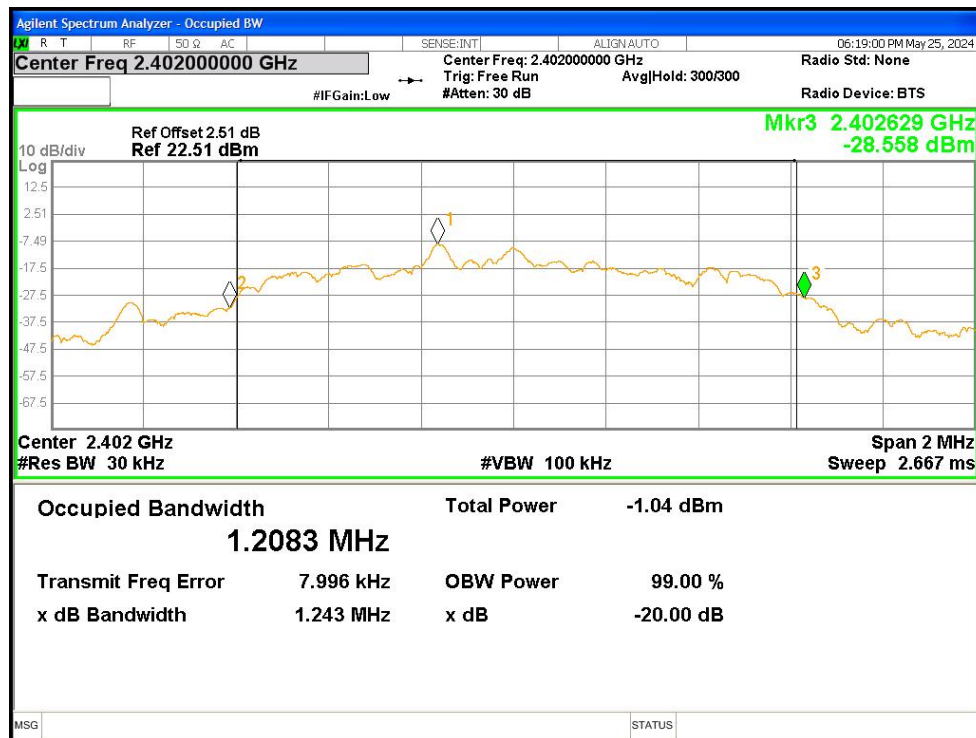
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



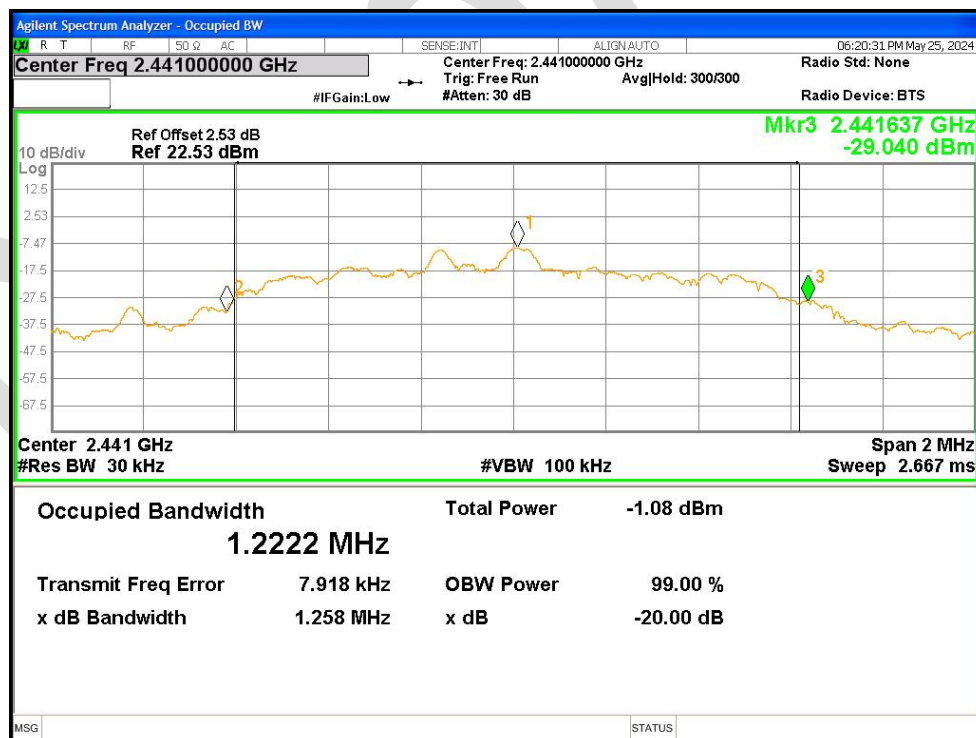
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



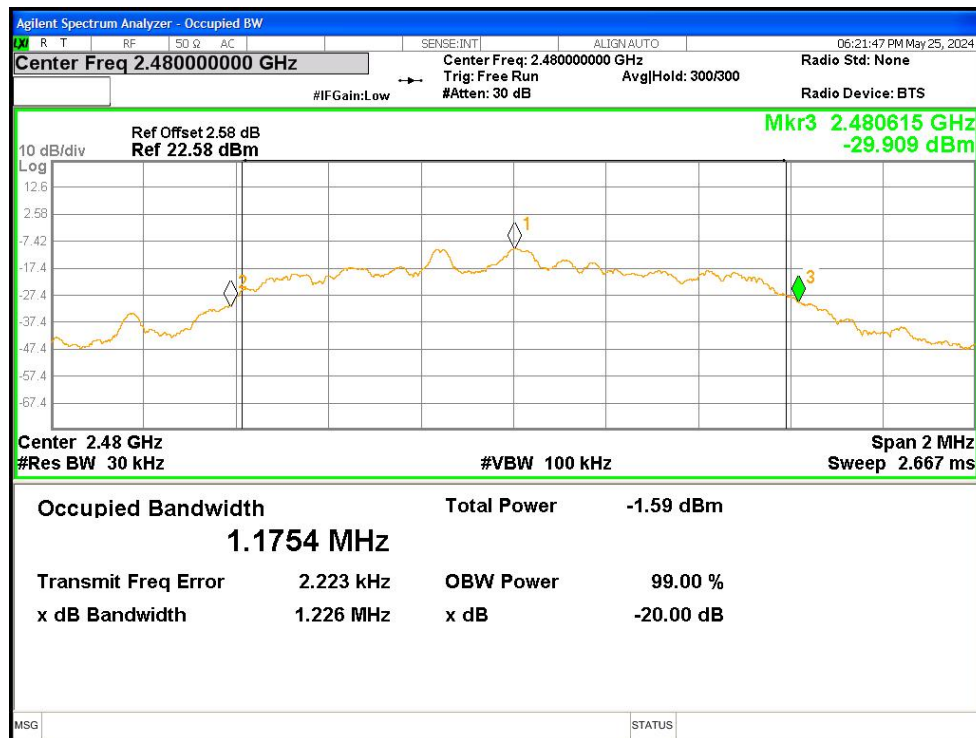
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



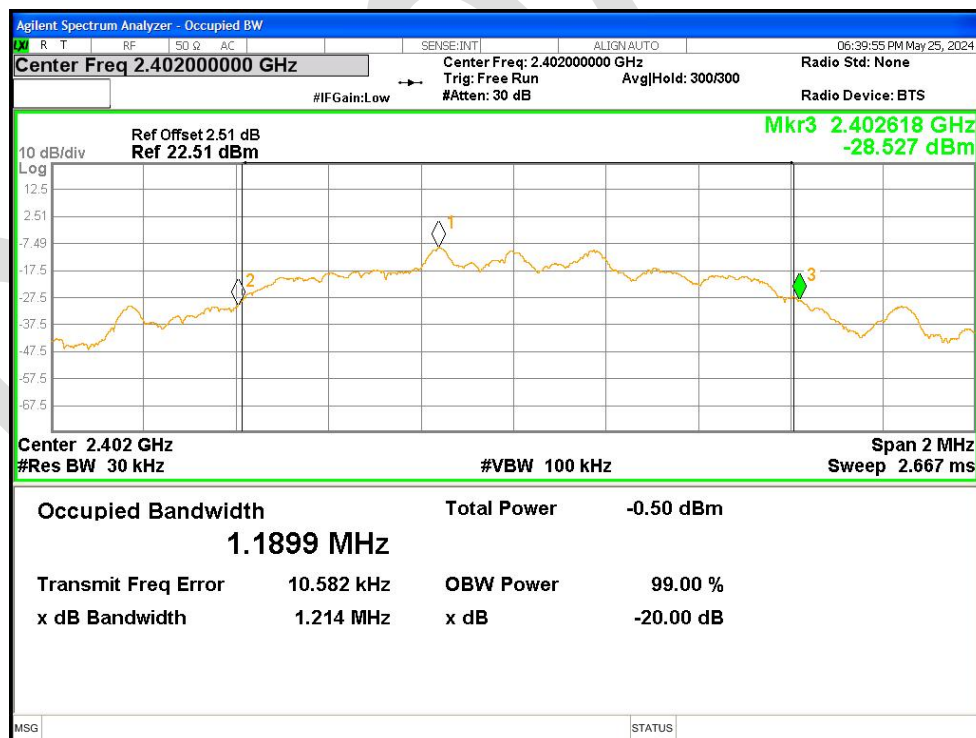
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



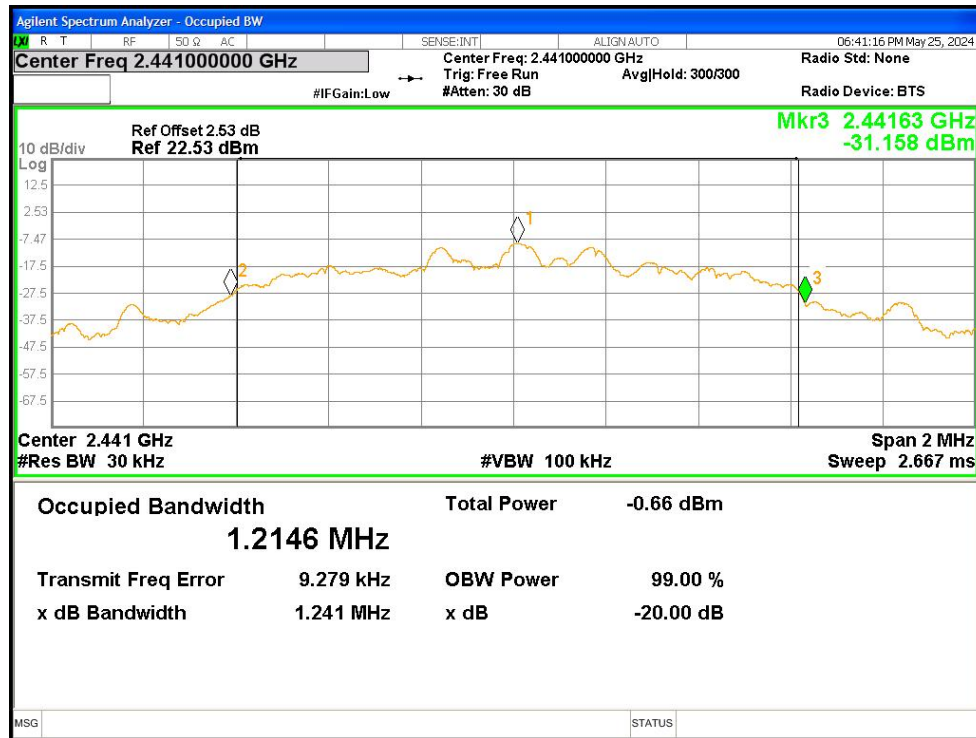
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



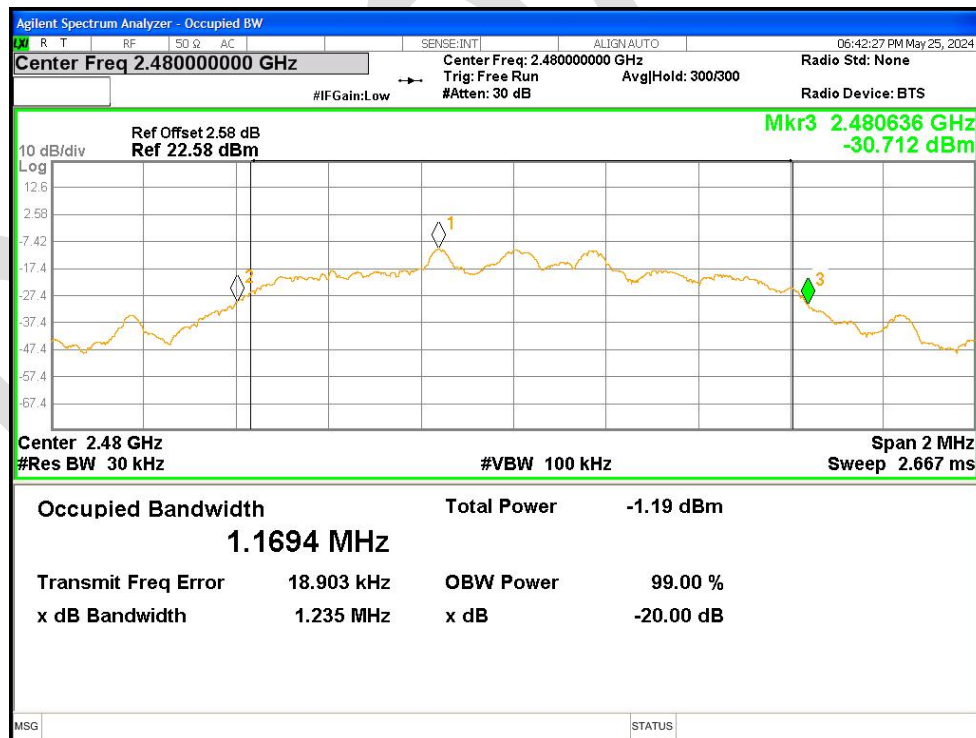
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



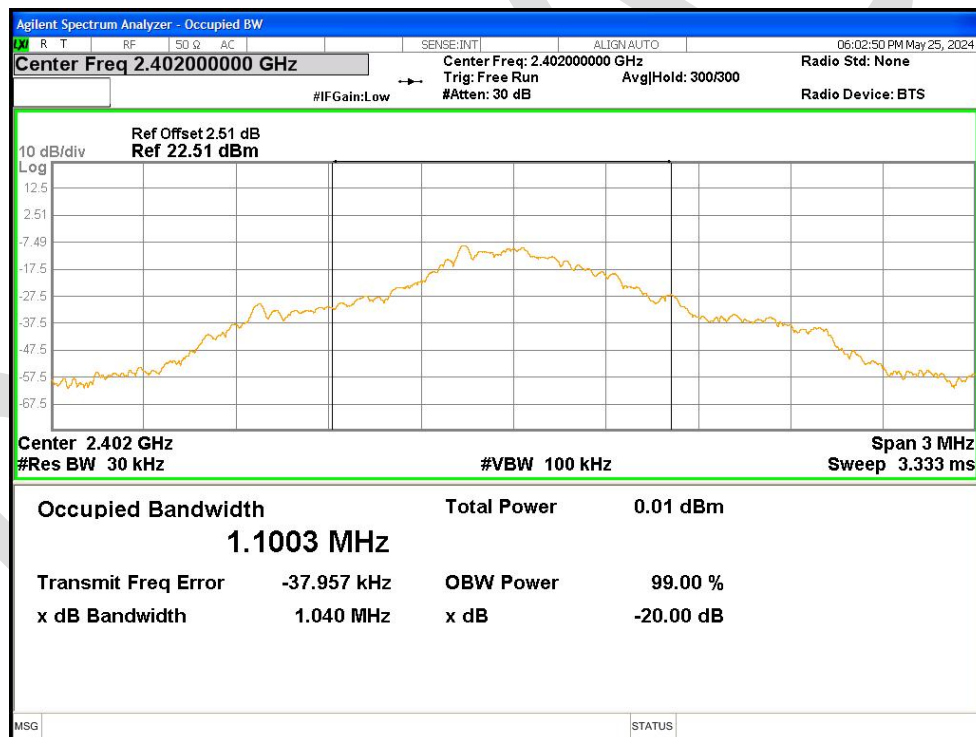
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



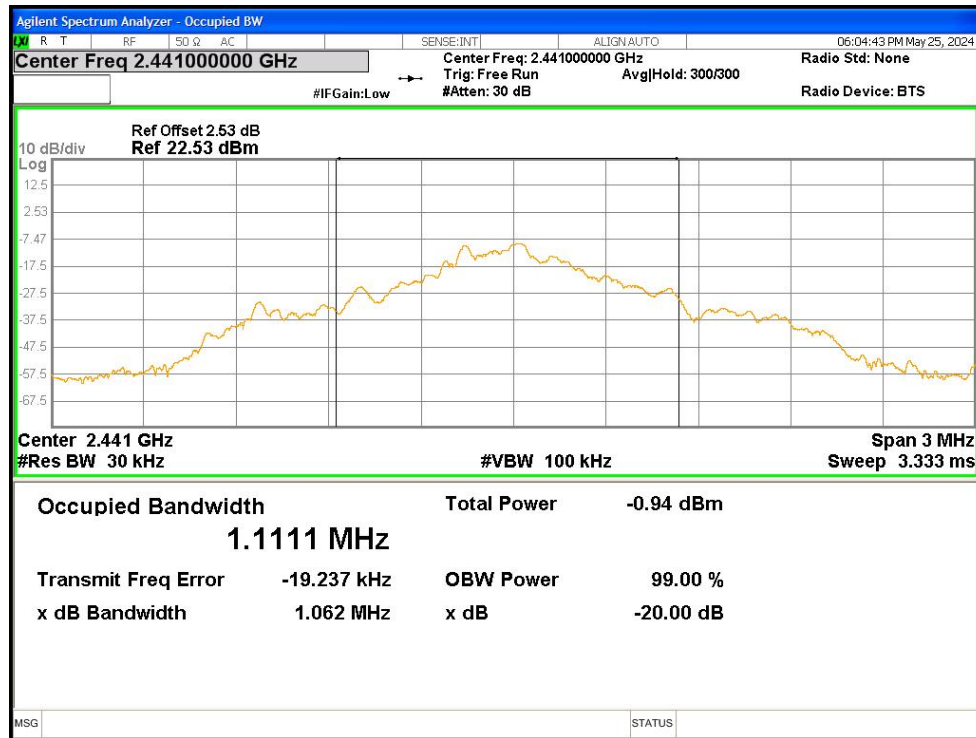
7.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	1.1003
NVNT	1-DH1	2441	Ant1	1.1111
NVNT	1-DH1	2480	Ant1	0.9943
NVNT	2-DH1	2402	Ant1	1.2196
NVNT	2-DH1	2441	Ant1	1.2520
NVNT	2-DH1	2480	Ant1	1.1812
NVNT	3-DH1	2402	Ant1	1.1980
NVNT	3-DH1	2441	Ant1	1.2294
NVNT	3-DH1	2480	Ant1	1.1760

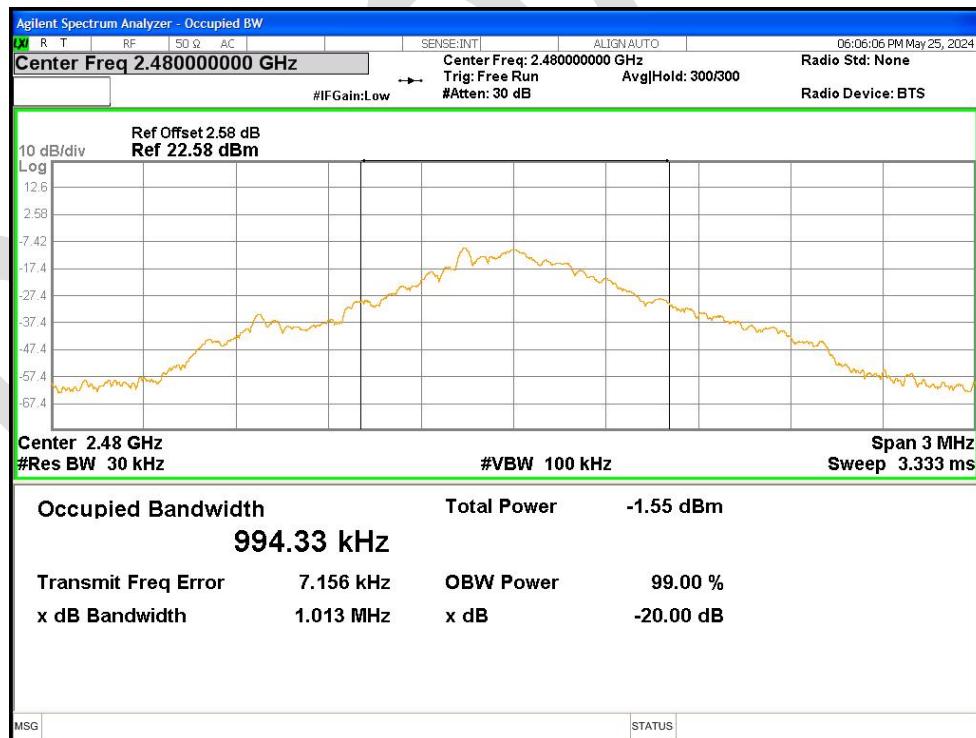
OBW NVNT 1-DH1 2402MHz Ant1



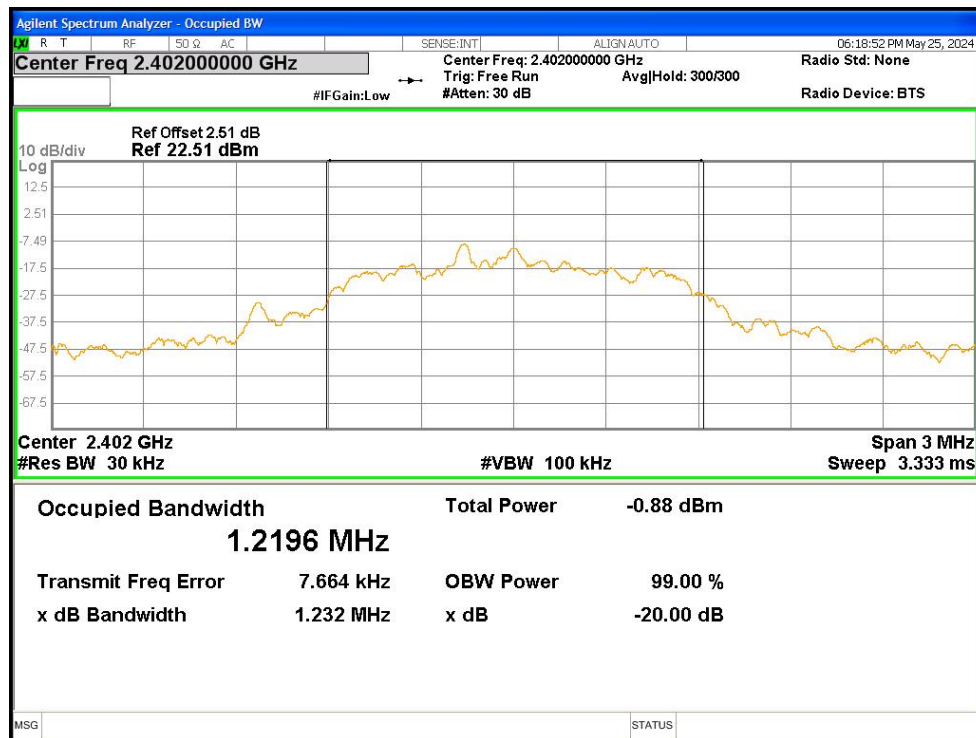
OBW NVNT 1-DH1 2441MHz Ant1



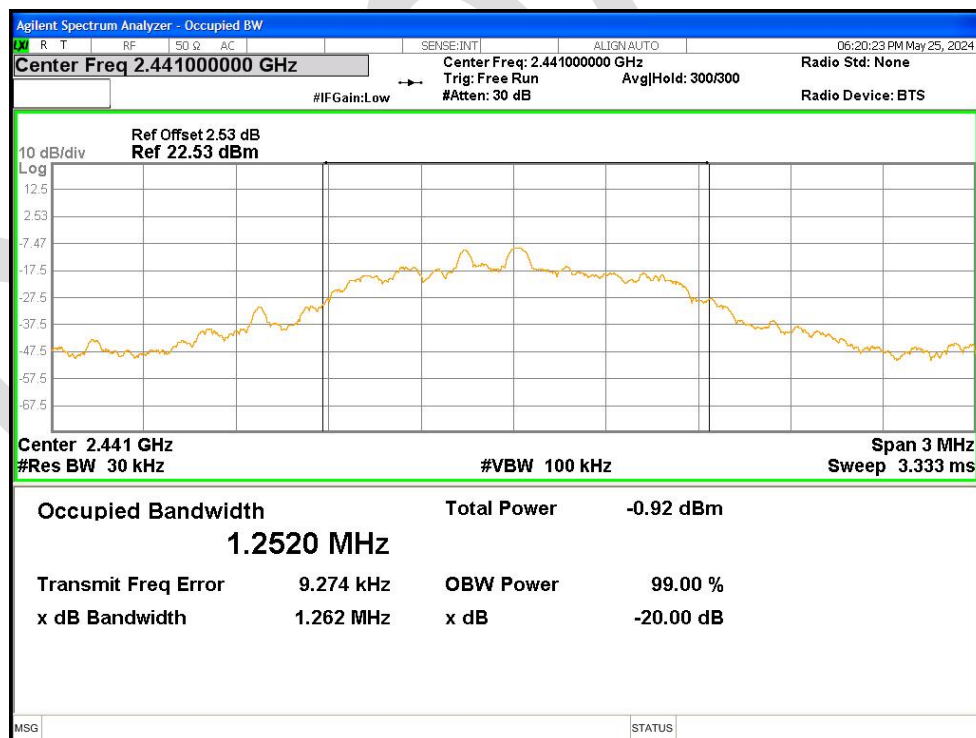
OBW NVNT 1-DH1 2480MHz Ant1



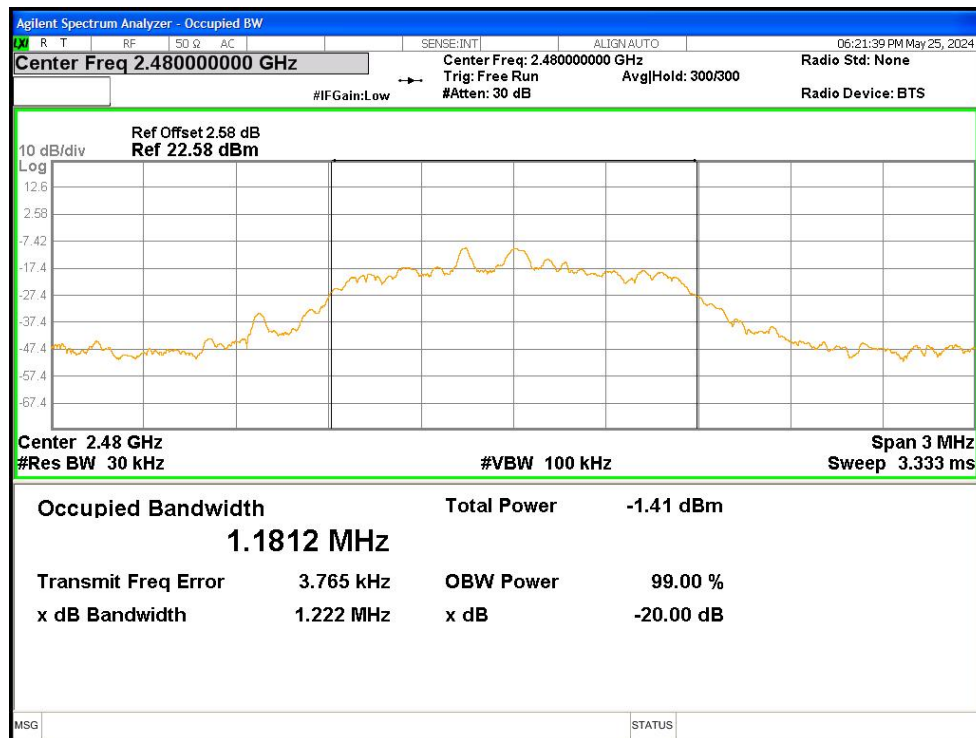
OBW NVNT 2-DH1 2402MHz Ant1



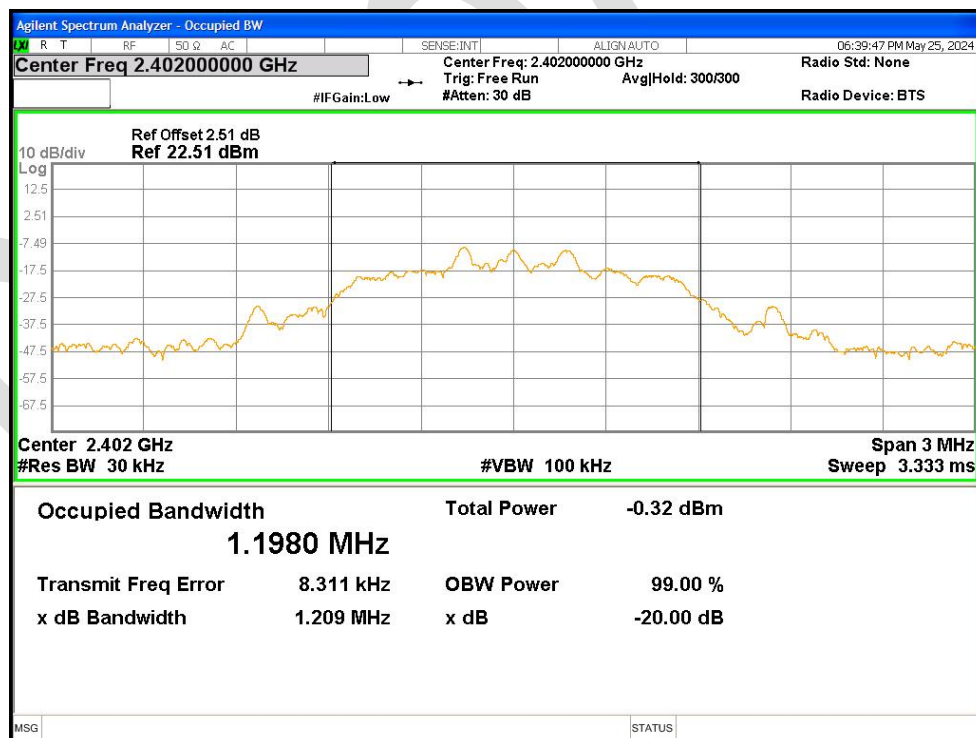
OBW NVNT 2-DH1 2441MHz Ant1



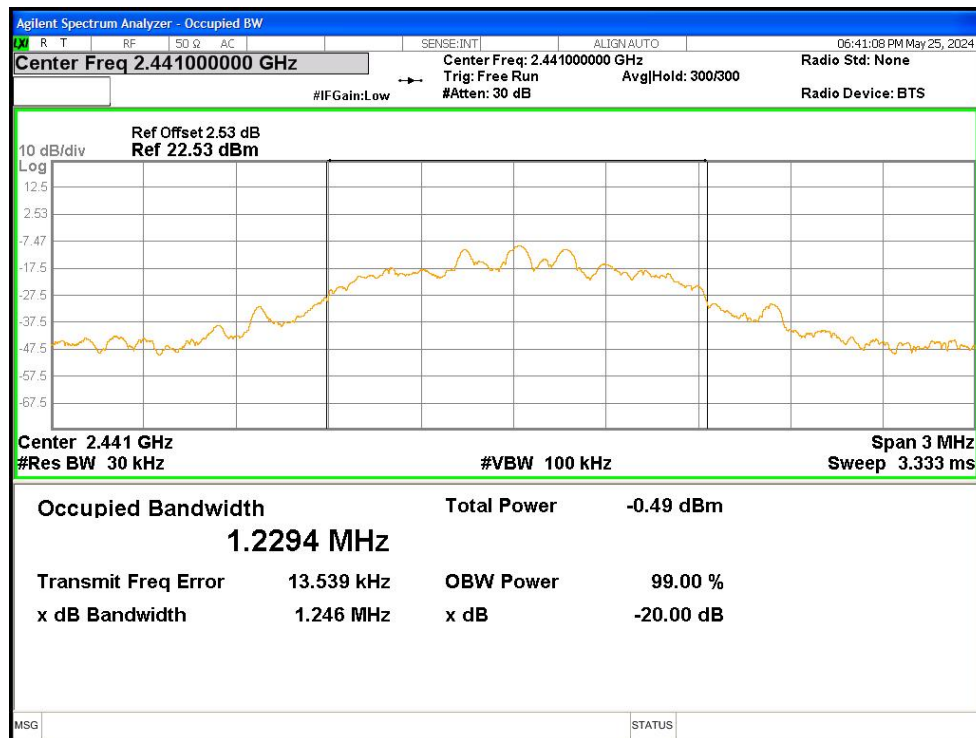
OBW NVNT 2-DH1 2480MHz Ant1



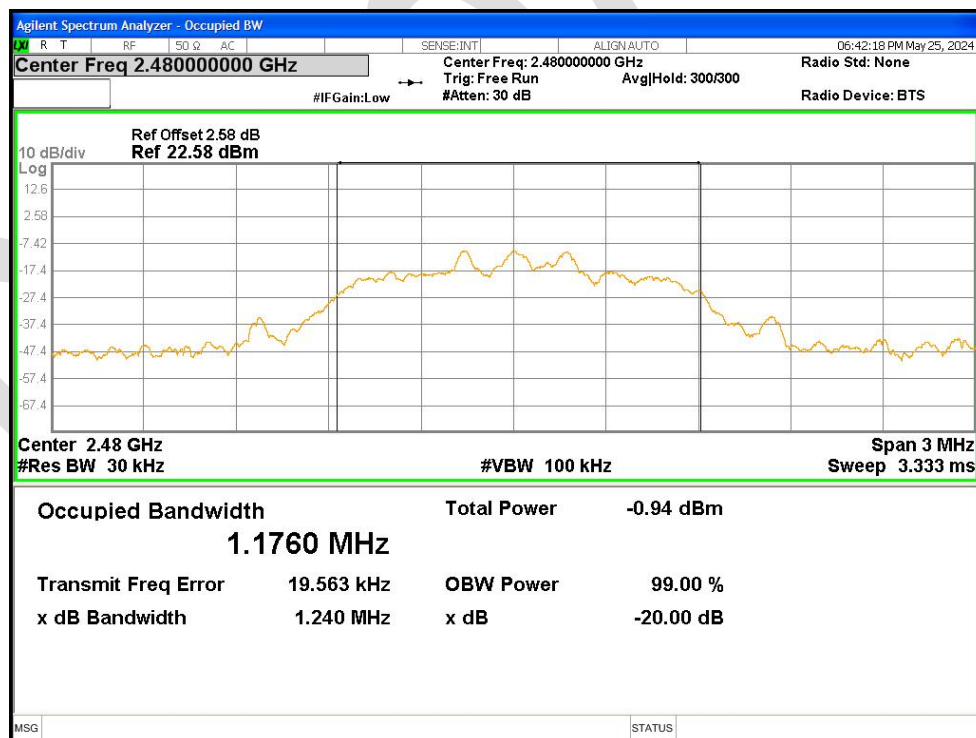
OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



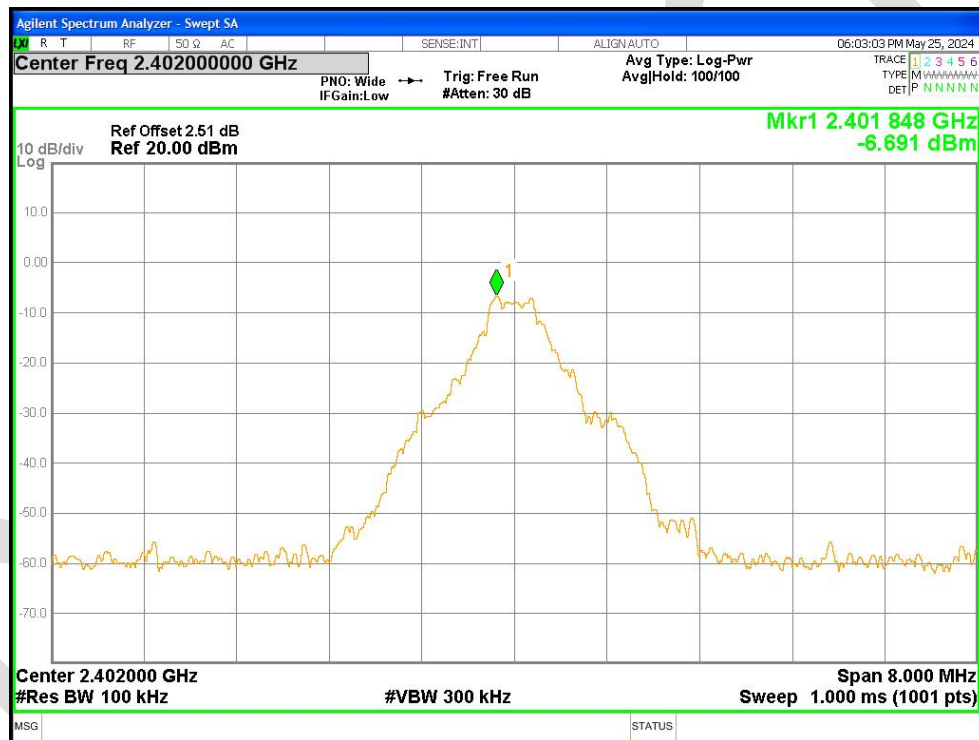
OBW NVNT 3-DH1 2480MHz Ant1



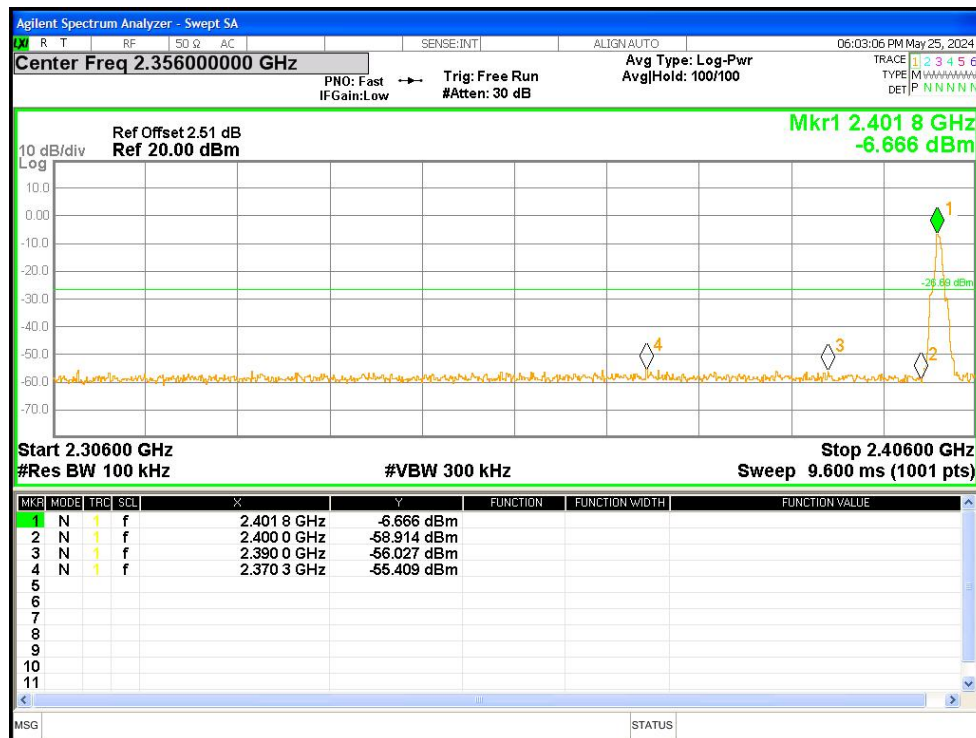
7.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-48.71	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-47.51	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-48.27	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-47.59	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-47.46	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-47.65	-20	Pass

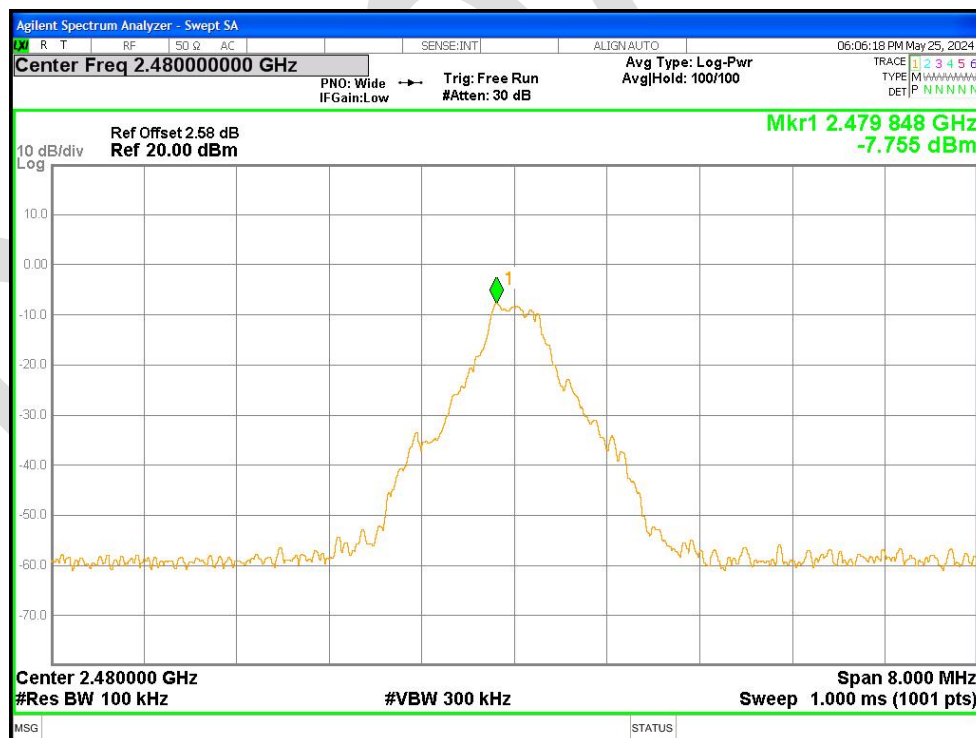
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



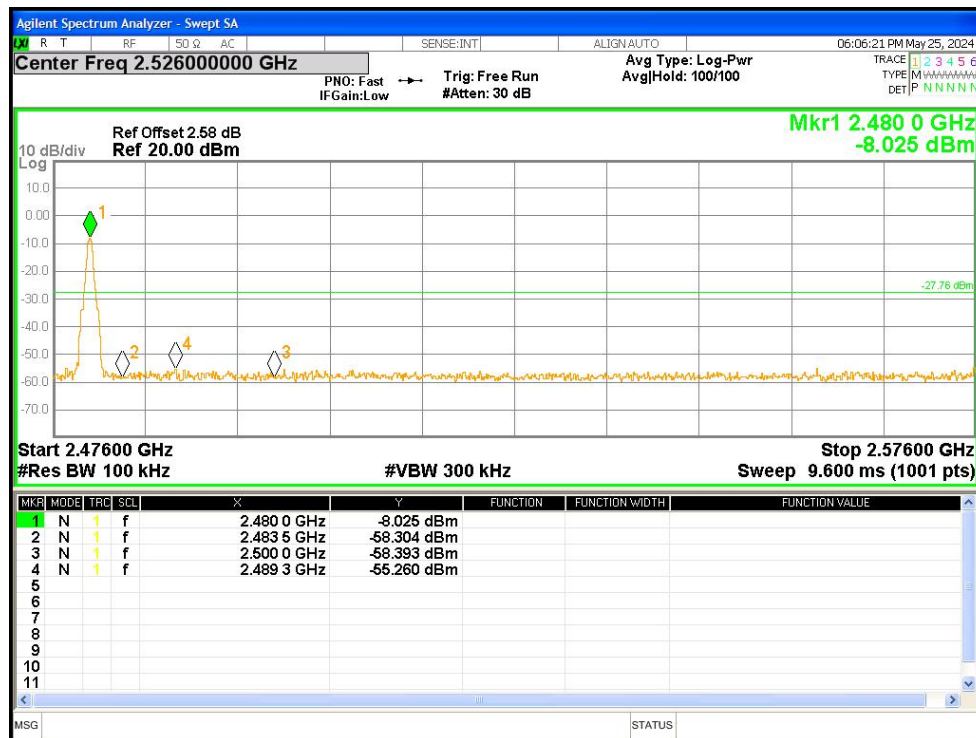
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



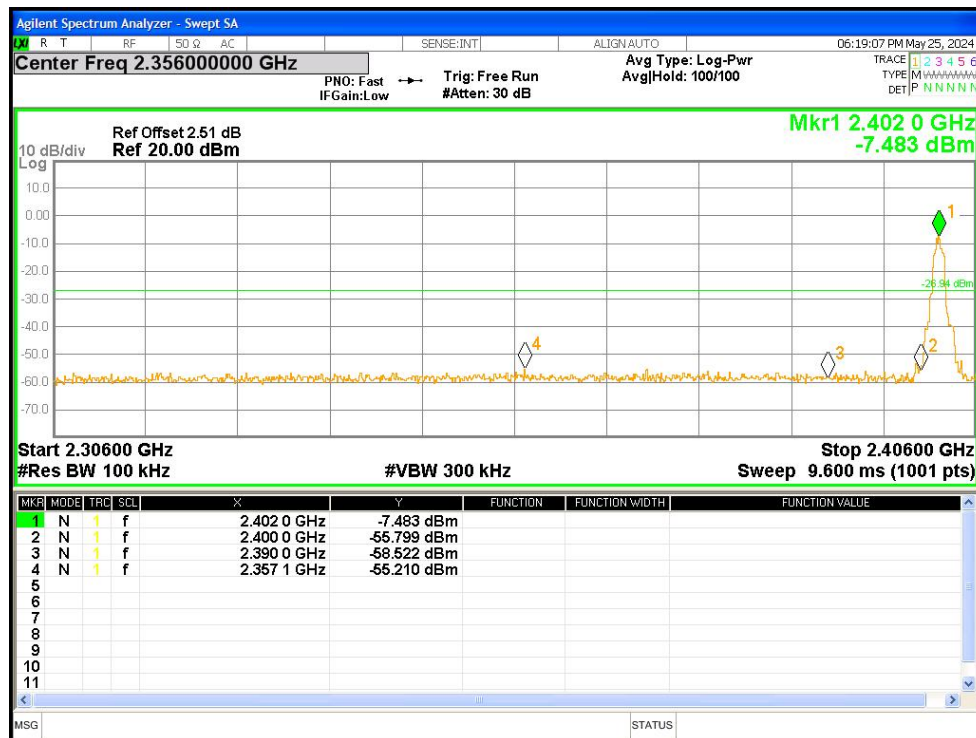
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



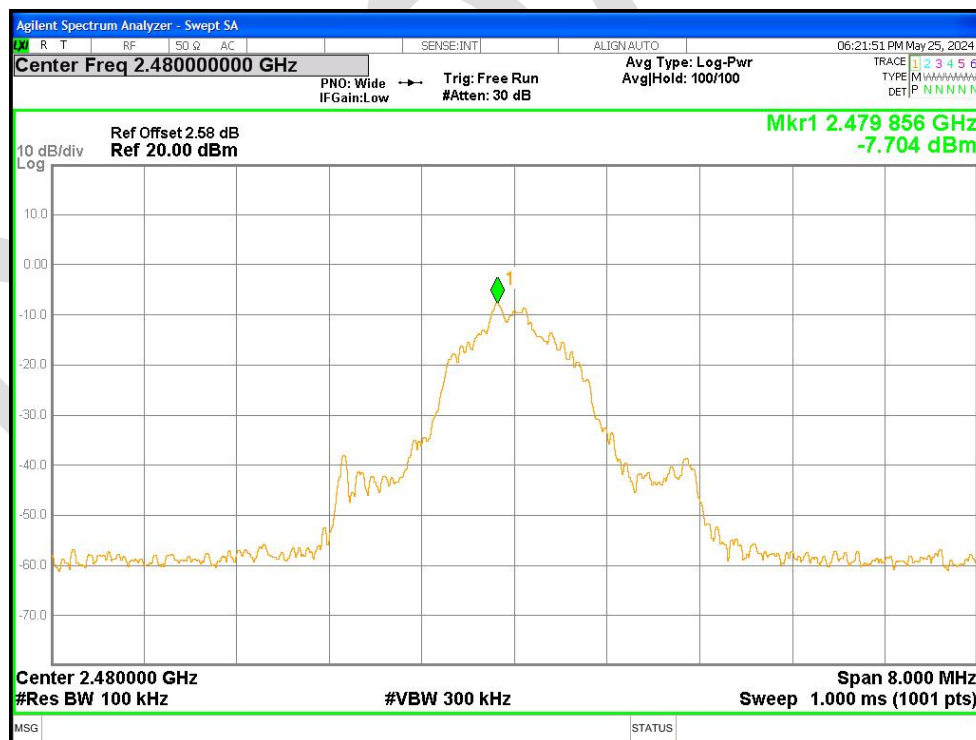
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission