

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	2.302	21	Pass
NVNT	1-DH1	2441	Ant1	2.234	21	Pass
NVNT	1-DH1	2480	Ant1	2.467	21	Pass
NVNT	2-DH1	2402	Ant1	2.345	21	Pass
NVNT	2-DH1	2441	Ant1	2.213	21	Pass
NVNT	2-DH1	2480	Ant1	2.486	21	Pass
NVNT	3-DH1	2402	Ant1	2.345	21	Pass
NVNT	3-DH1	2441	Ant1	2.229	21	Pass
NVNT	3-DH1	2480	Ant1	2.469	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



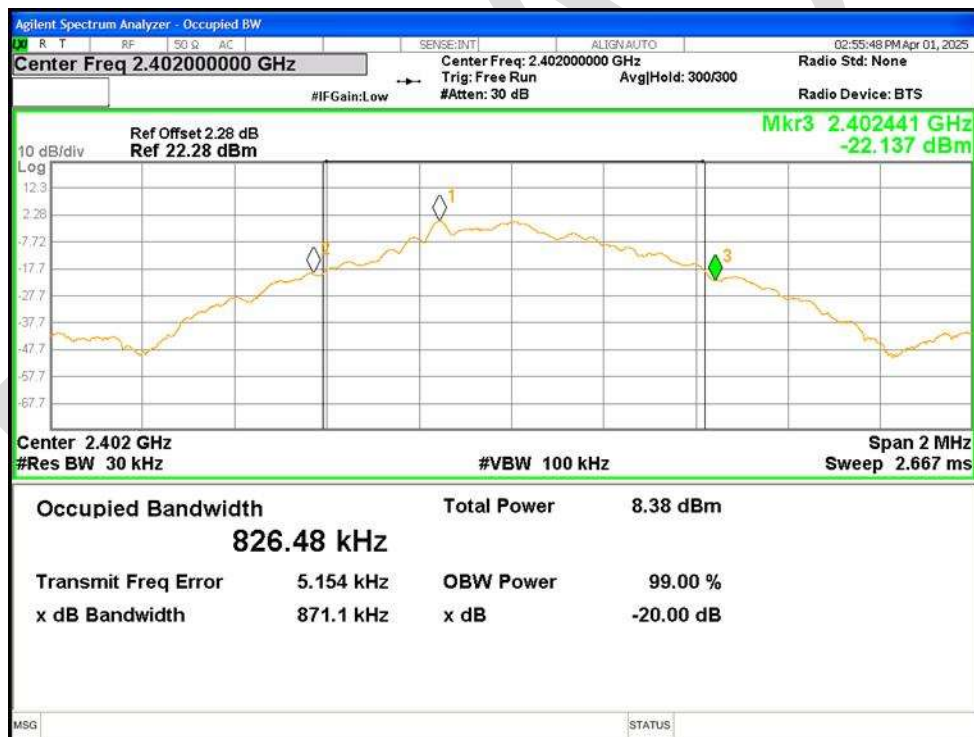
Power NVNT 3-DH1 2480MHz Ant1



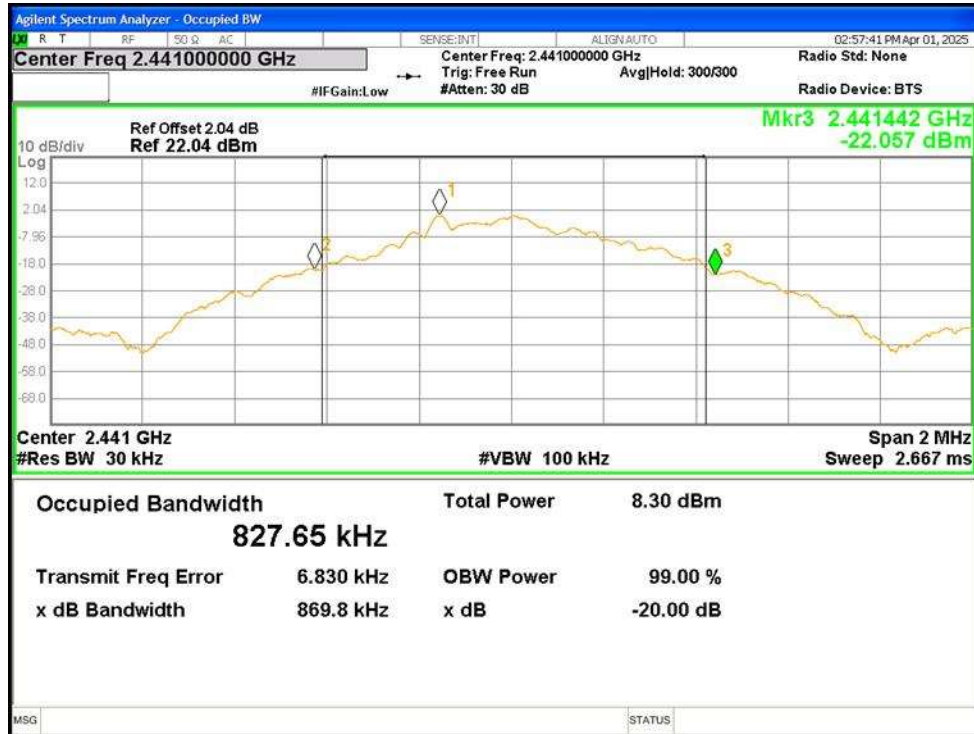
7.2 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.871	--	Pass
NVNT	1-DH1	2441	Ant1	0.870	--	Pass
NVNT	1-DH1	2480	Ant1	0.873	--	Pass
NVNT	2-DH1	2402	Ant1	1.208	--	Pass
NVNT	2-DH1	2441	Ant1	1.209	--	Pass
NVNT	2-DH1	2480	Ant1	1.209	--	Pass
NVNT	3-DH1	2402	Ant1	1.210	--	Pass
NVNT	3-DH1	2441	Ant1	1.211	--	Pass
NVNT	3-DH1	2480	Ant1	1.210	--	Pass

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



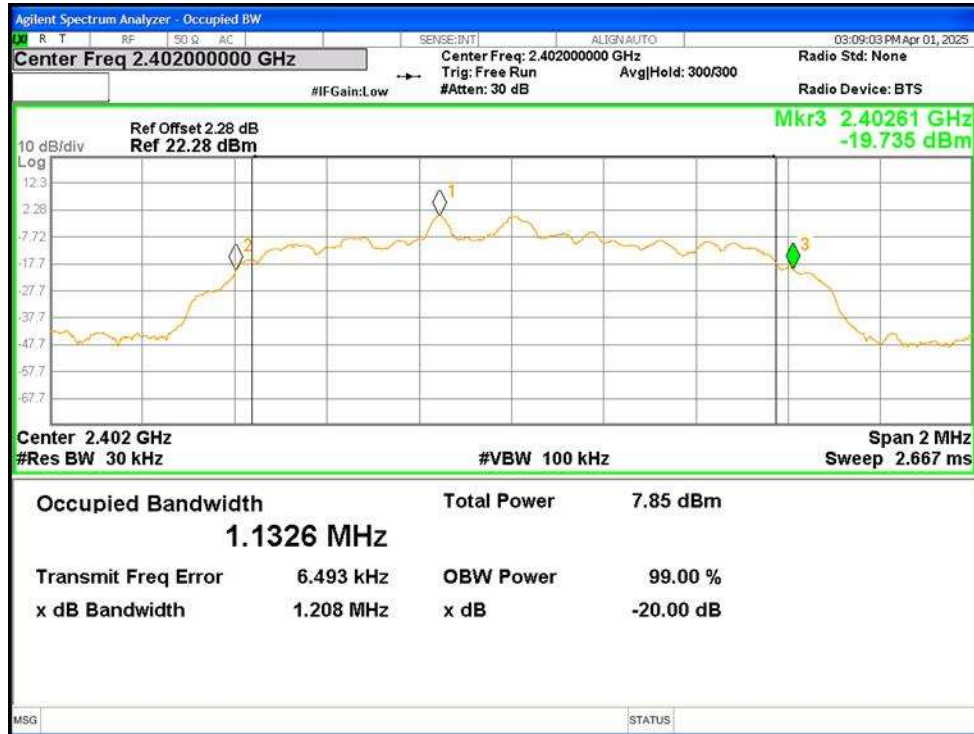
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



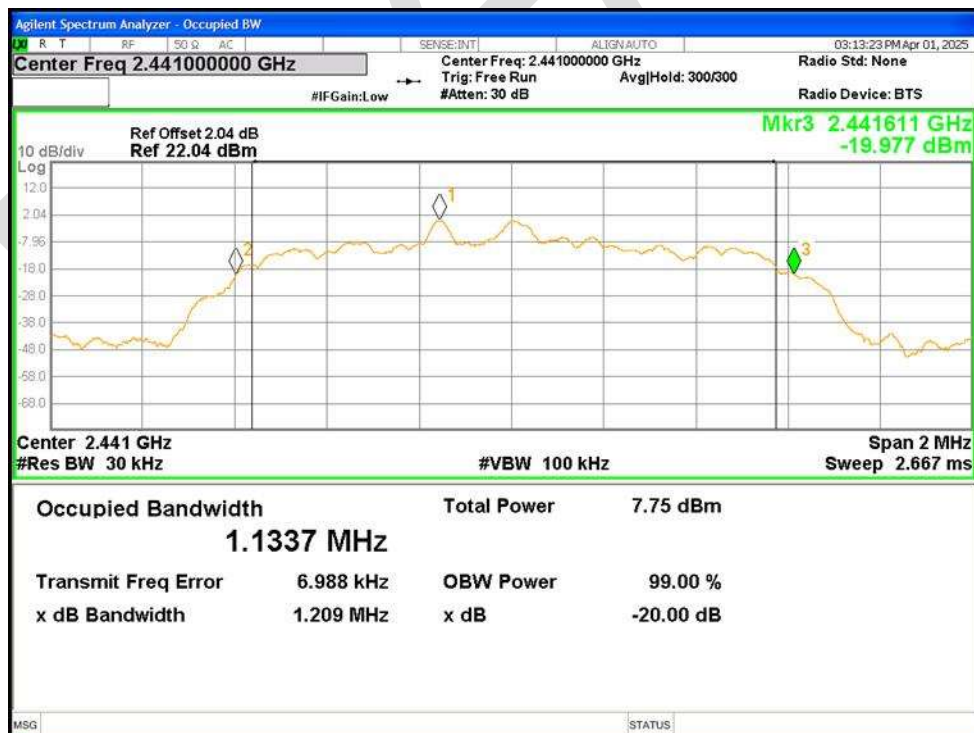
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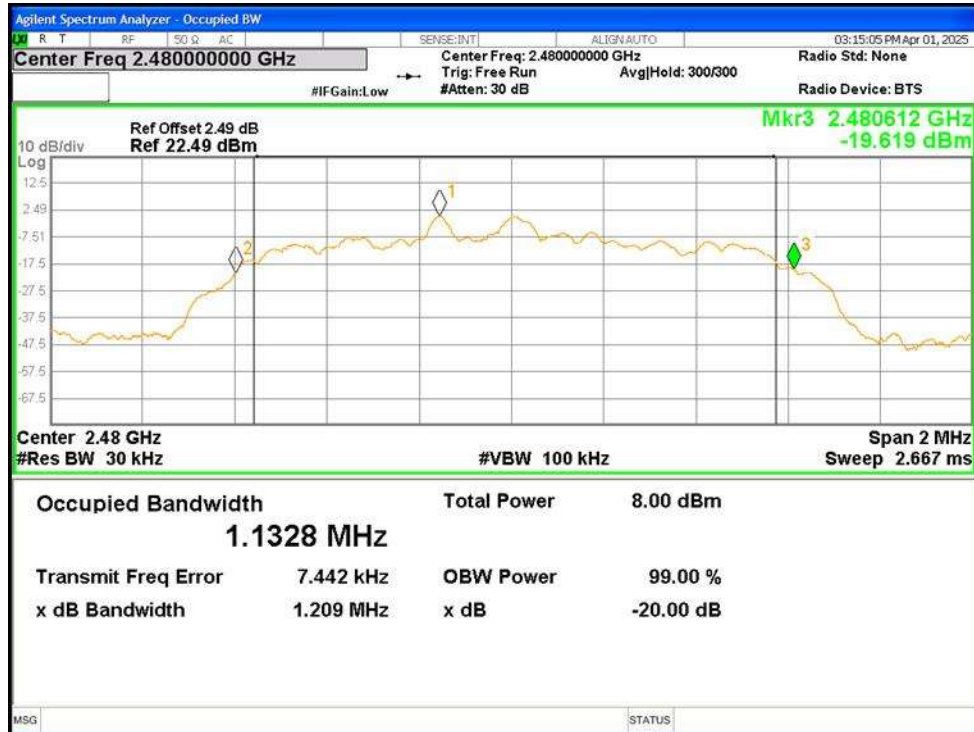
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



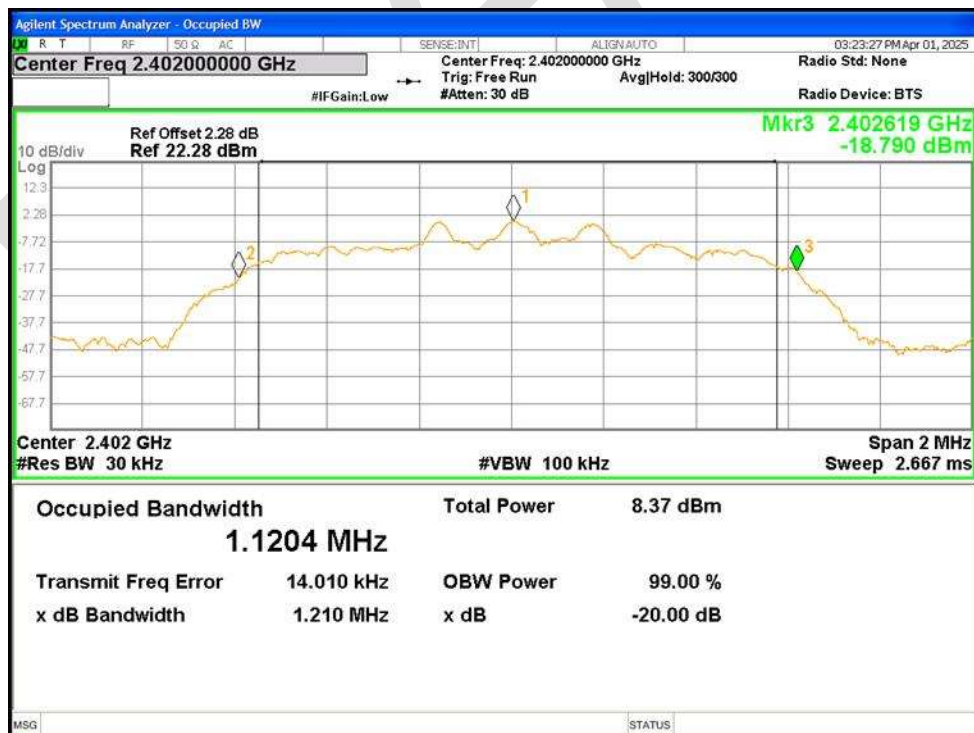
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



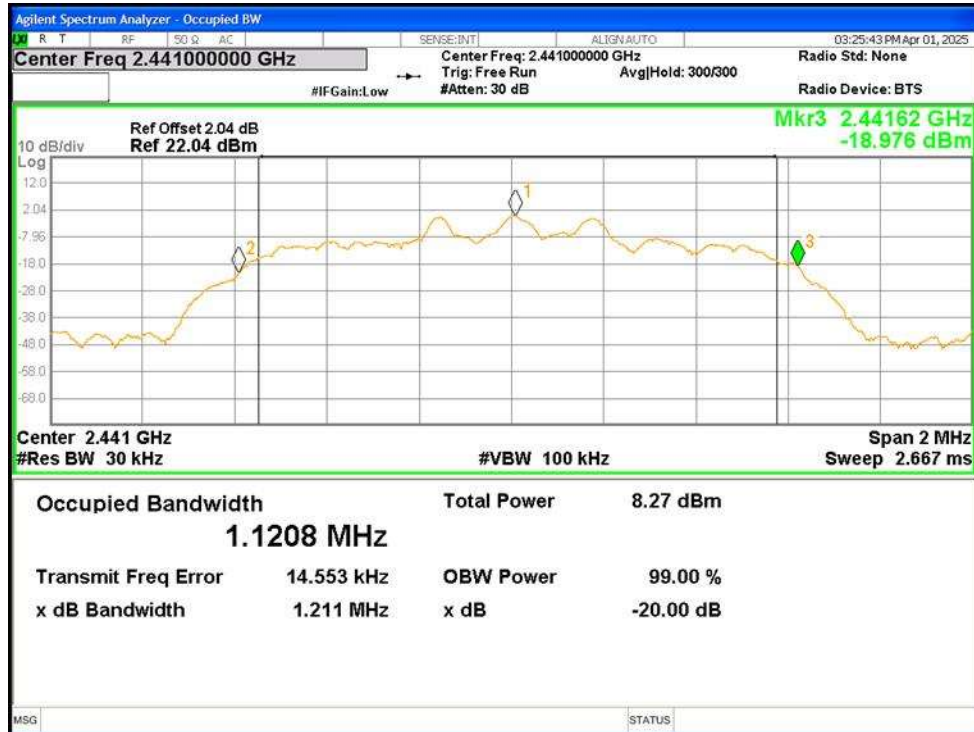
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



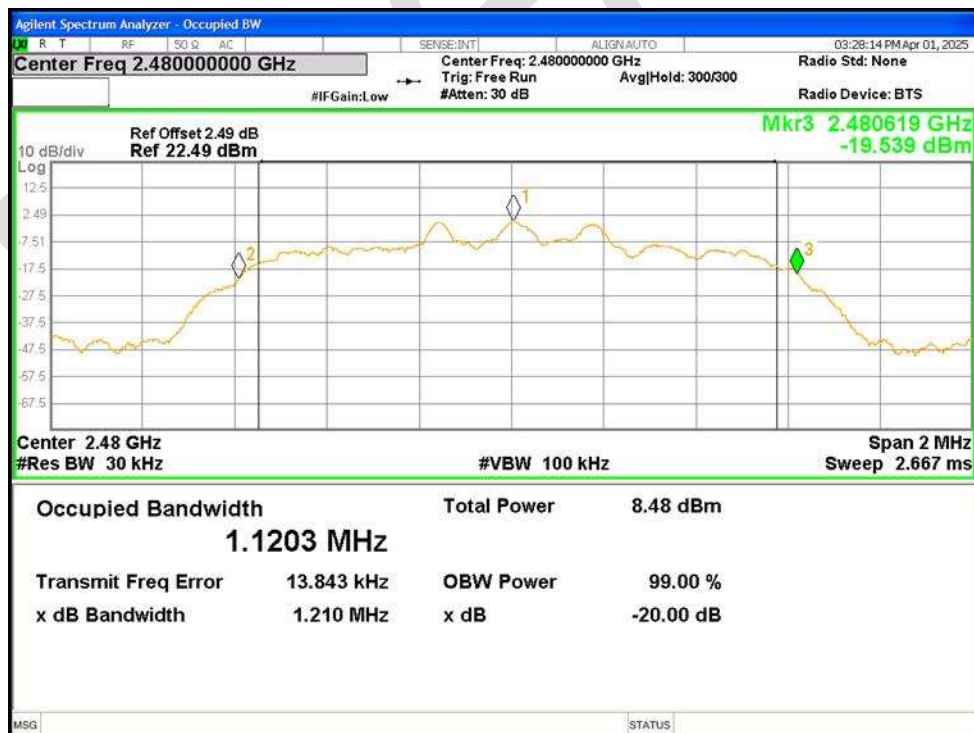
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



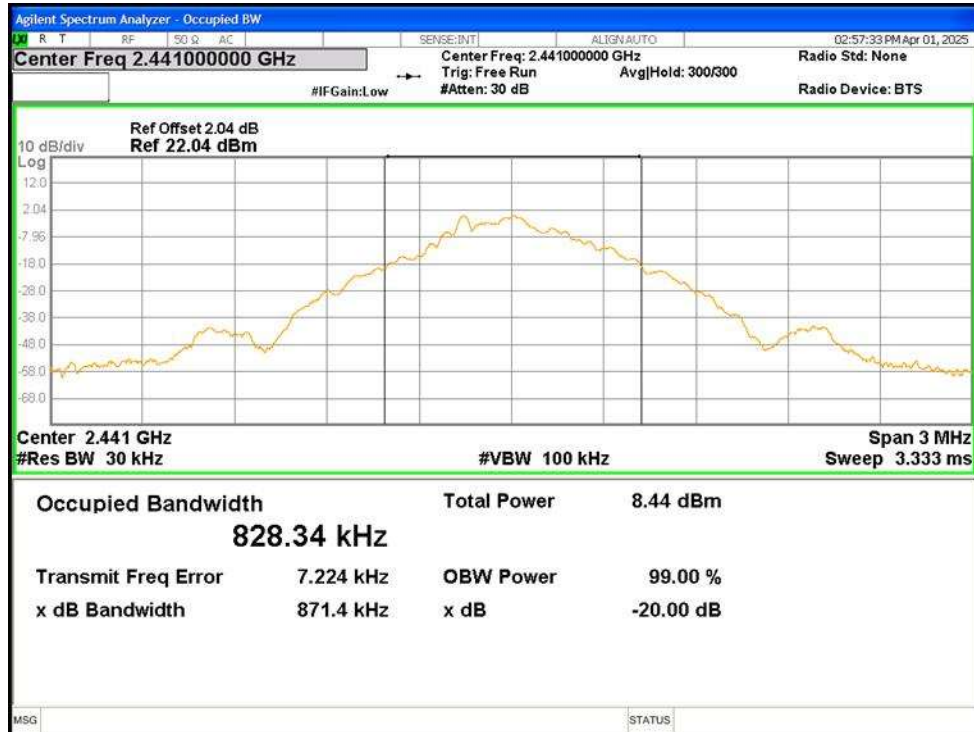
7.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	827.42
NVNT	1-DH1	2441	Ant1	828.34
NVNT	1-DH1	2480	Ant1	828.66
NVNT	2-DH1	2402	Ant1	1.1313
NVNT	2-DH1	2441	Ant1	1.1331
NVNT	2-DH1	2480	Ant1	1.1315
NVNT	3-DH1	2402	Ant1	1.1210
NVNT	3-DH1	2441	Ant1	1.1203
NVNT	3-DH1	2480	Ant1	1.1205

OBW NVNT 1-DH1 2402MHz Ant1



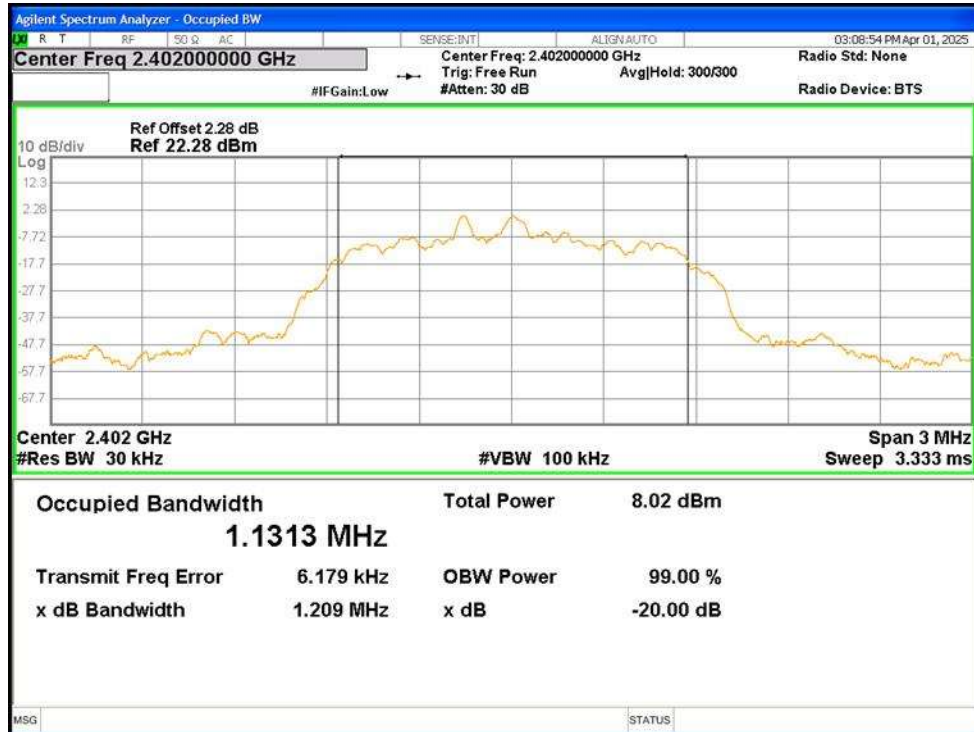
OBW NVNT 1-DH1 2441MHz Ant1



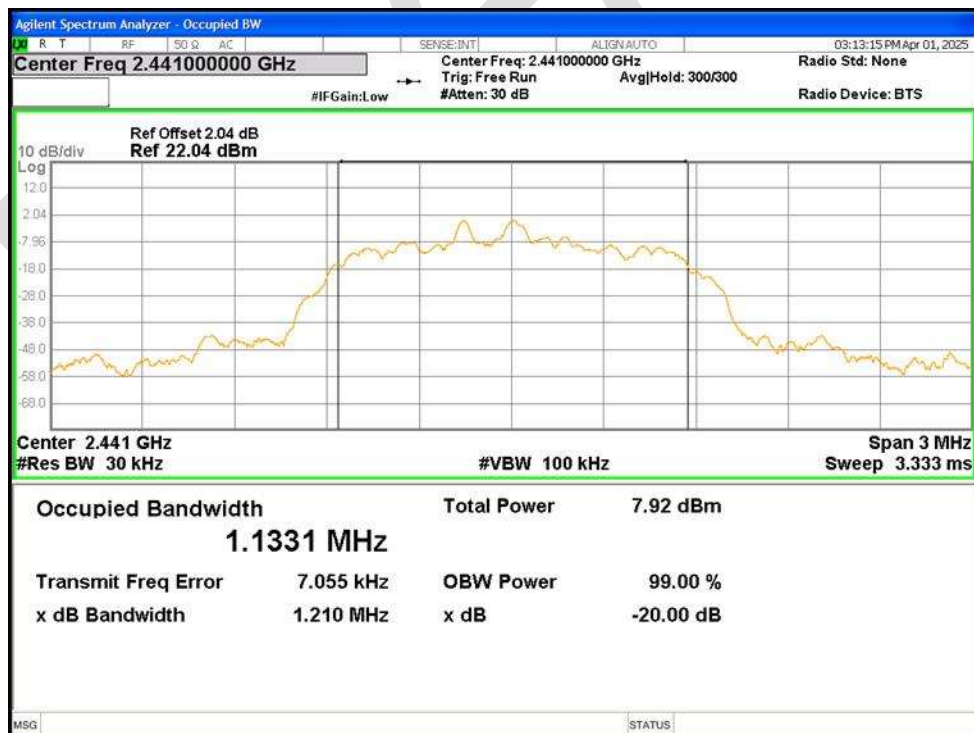
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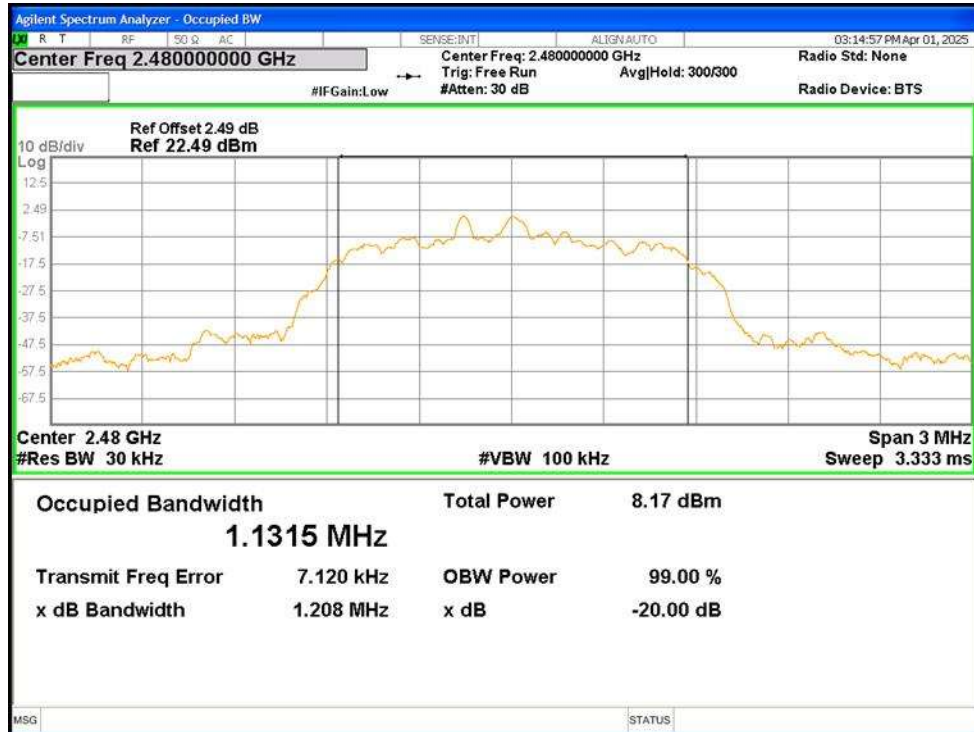
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OBW NVNT 2-DH1 2441MHz Ant1



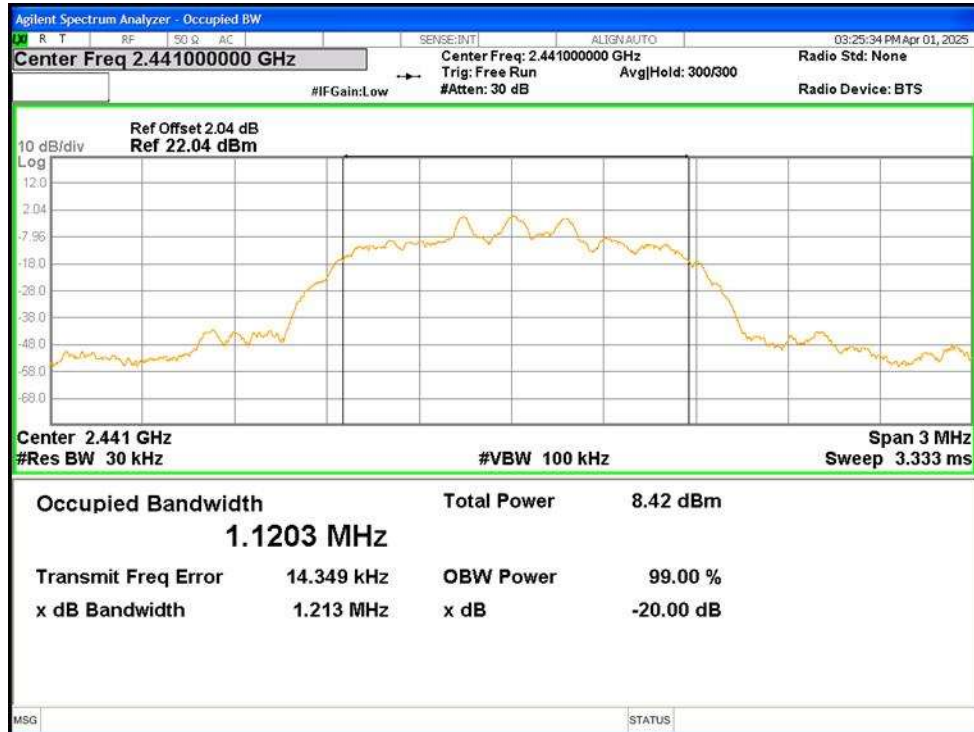
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OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



OBW NVNT 3-DH1 2480MHz Ant1



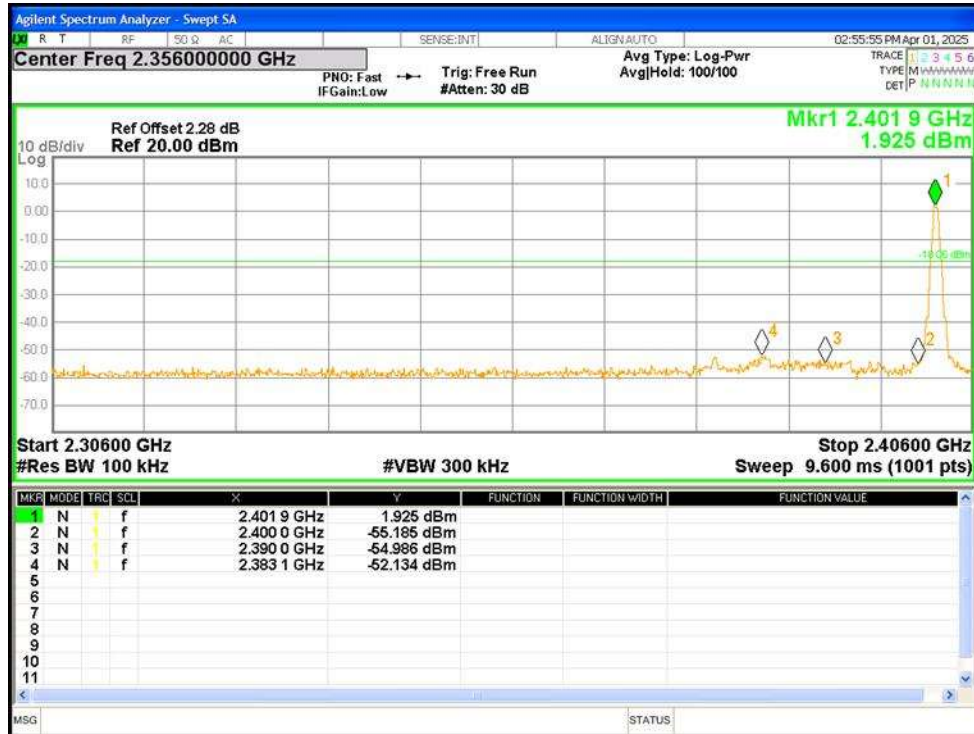
7.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-54.07	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-55.45	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-54.70	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-55.30	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-53.25	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-55.39	-20	Pass

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



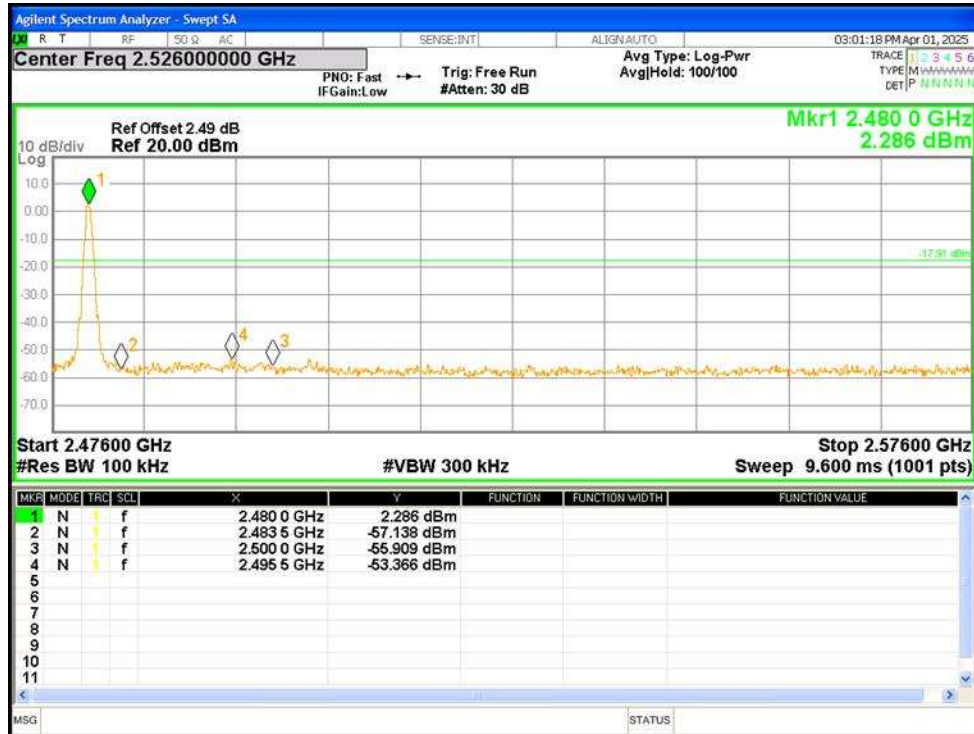
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



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



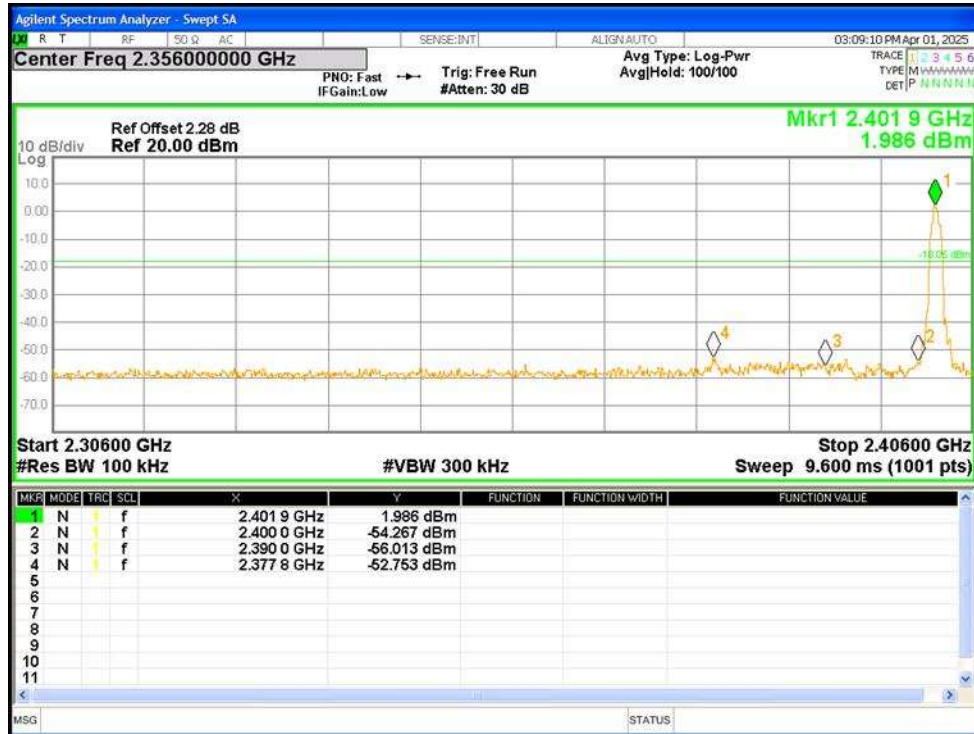
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



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



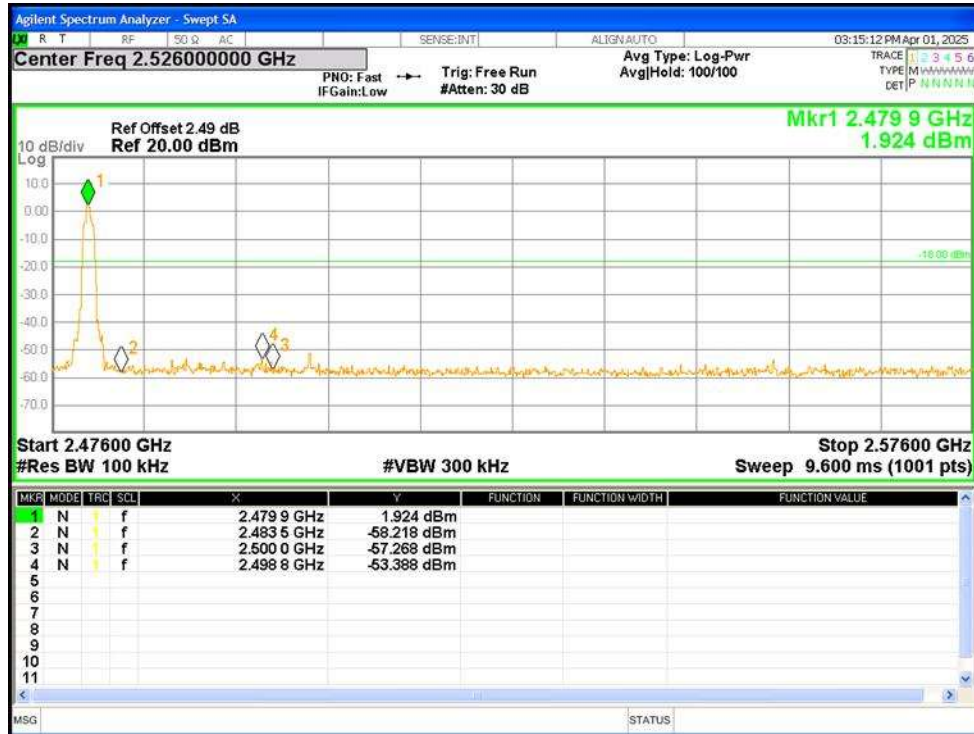
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



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



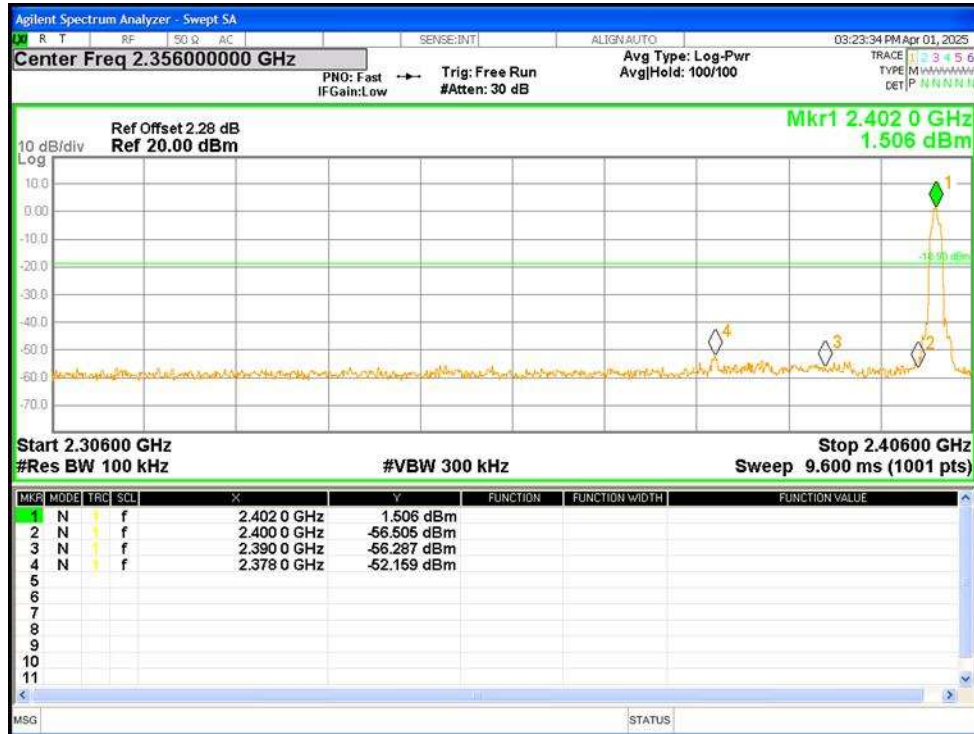
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission



7.5 Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-53.65	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-54.74	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-54.46	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-55.21	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-54.12	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-54.29	-20	Pass

Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



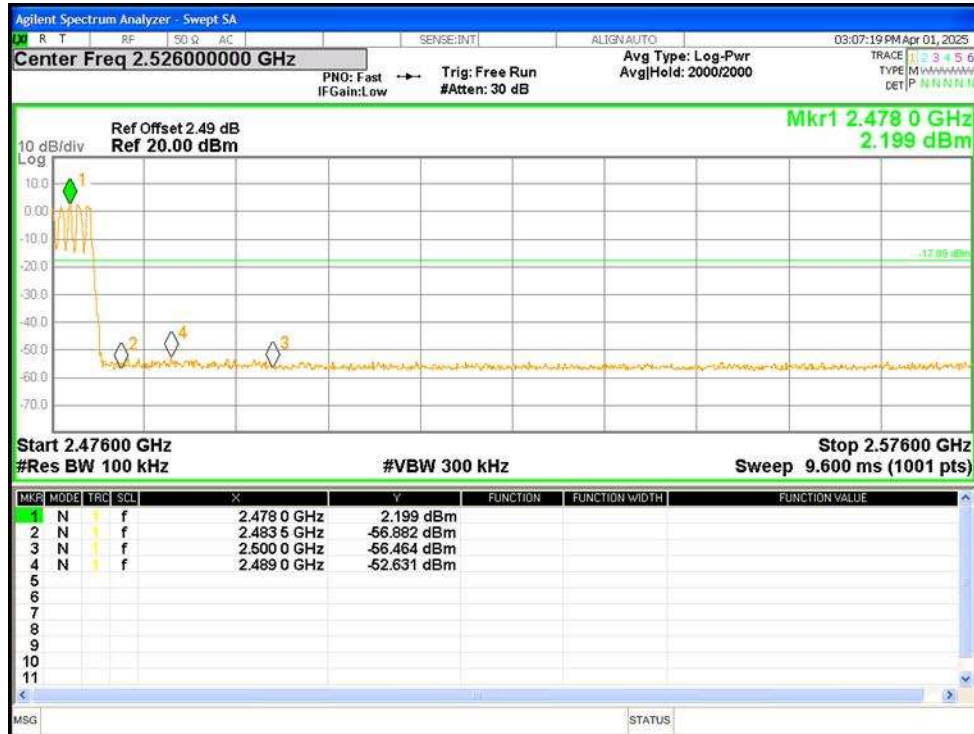
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Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



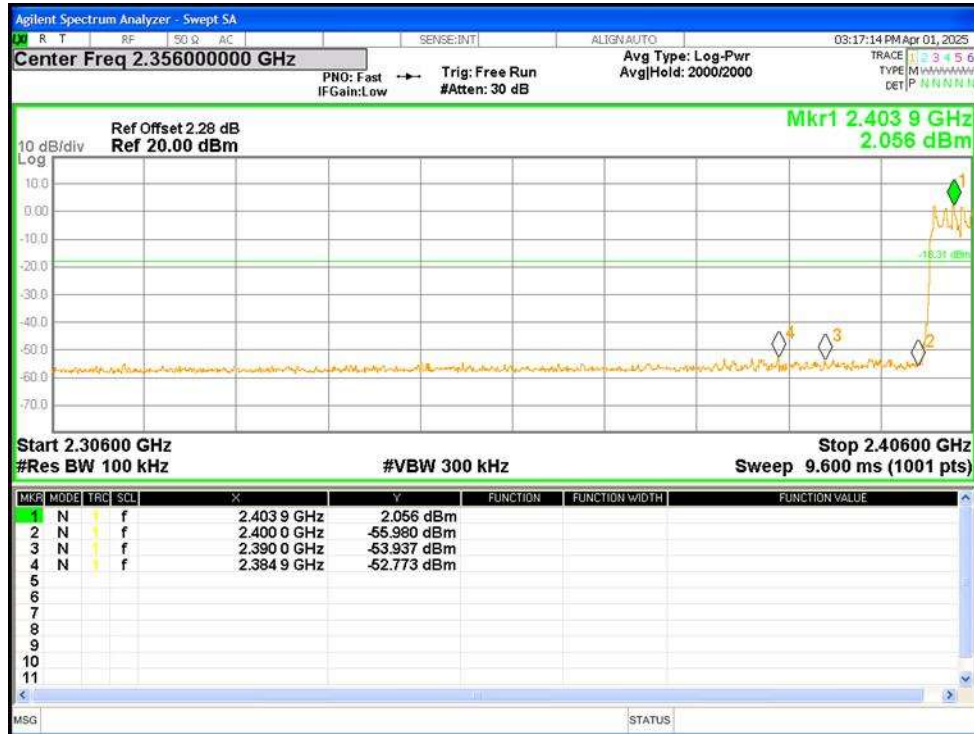
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



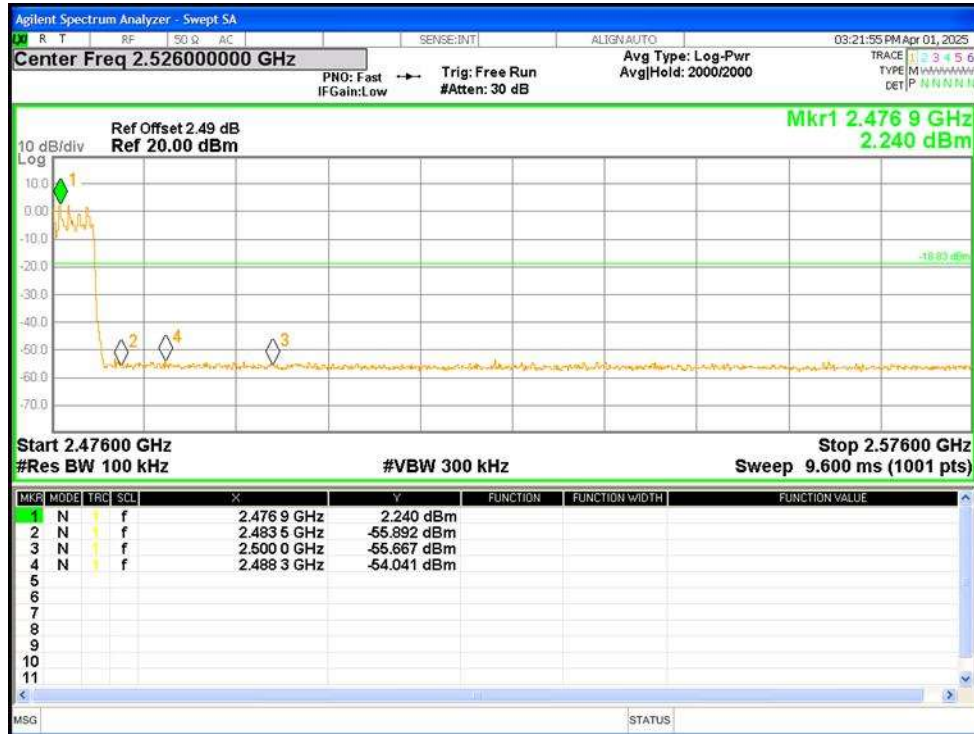
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



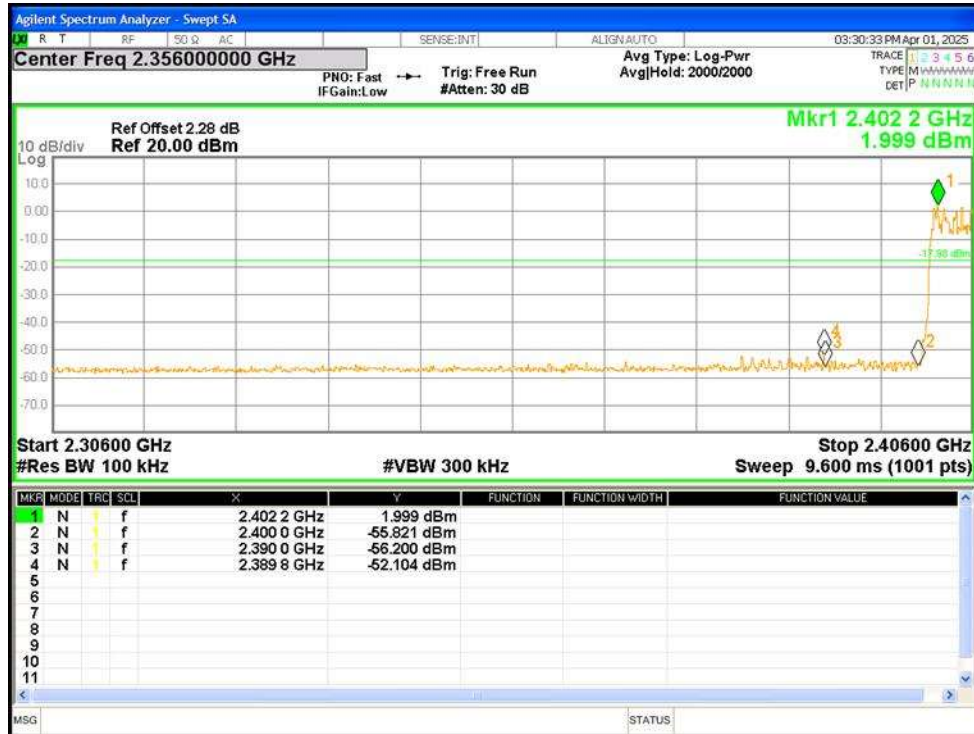
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



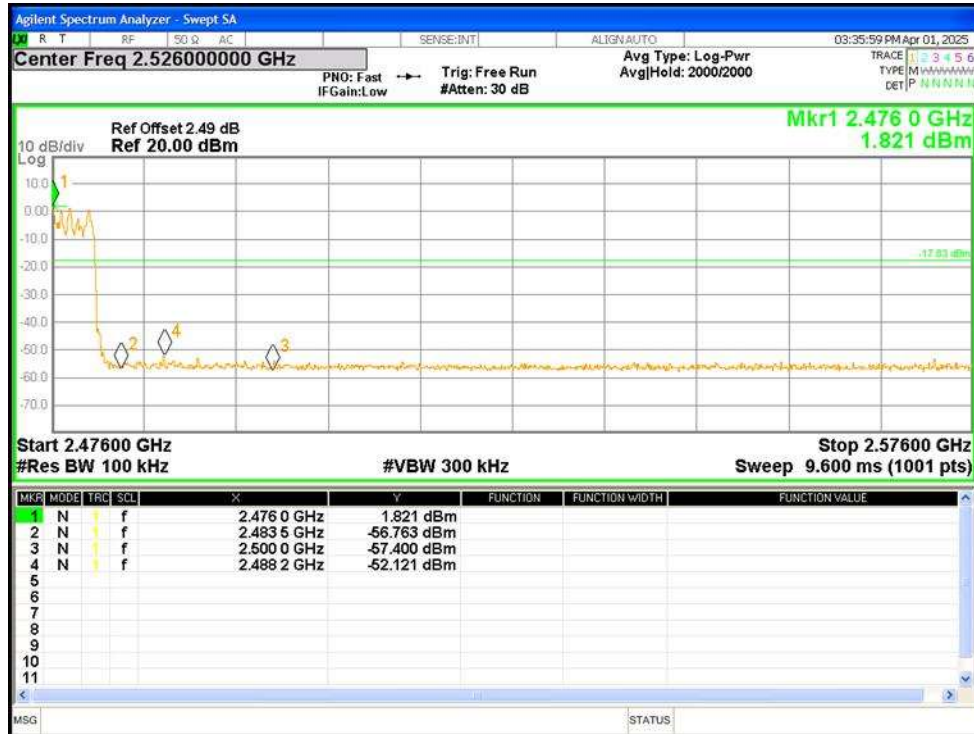
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission



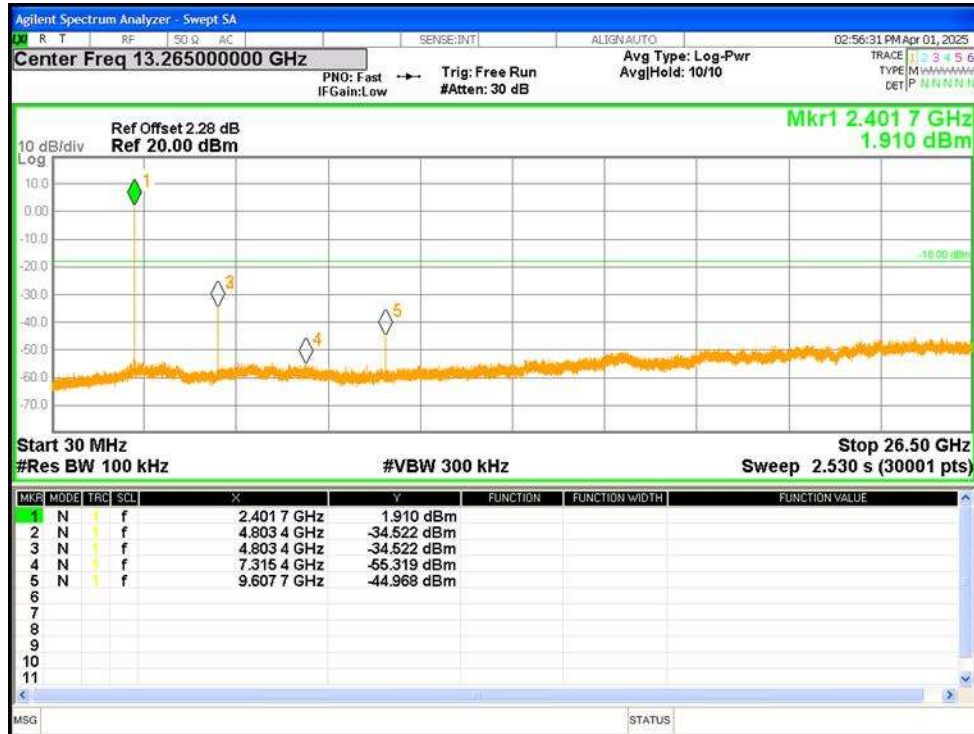
7.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-36.44	-20	Pass
NVNT	1-DH1	2441	Ant1	-36.96	-20	Pass
NVNT	1-DH1	2480	Ant1	-39.71	-20	Pass
NVNT	2-DH1	2402	Ant1	-40.02	-20	Pass
NVNT	2-DH1	2441	Ant1	-38.69	-20	Pass
NVNT	2-DH1	2480	Ant1	-37.59	-20	Pass
NVNT	3-DH1	2402	Ant1	-39.64	-20	Pass
NVNT	3-DH1	2441	Ant1	-35.71	-20	Pass
NVNT	3-DH1	2480	Ant1	-38.36	-20	Pass

Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



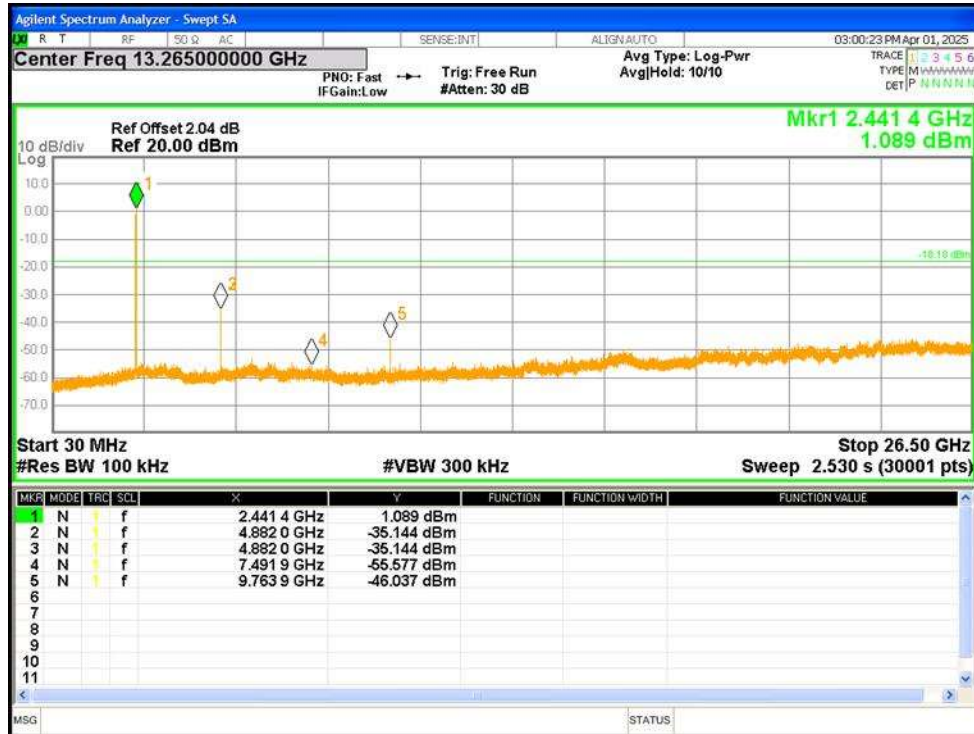
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



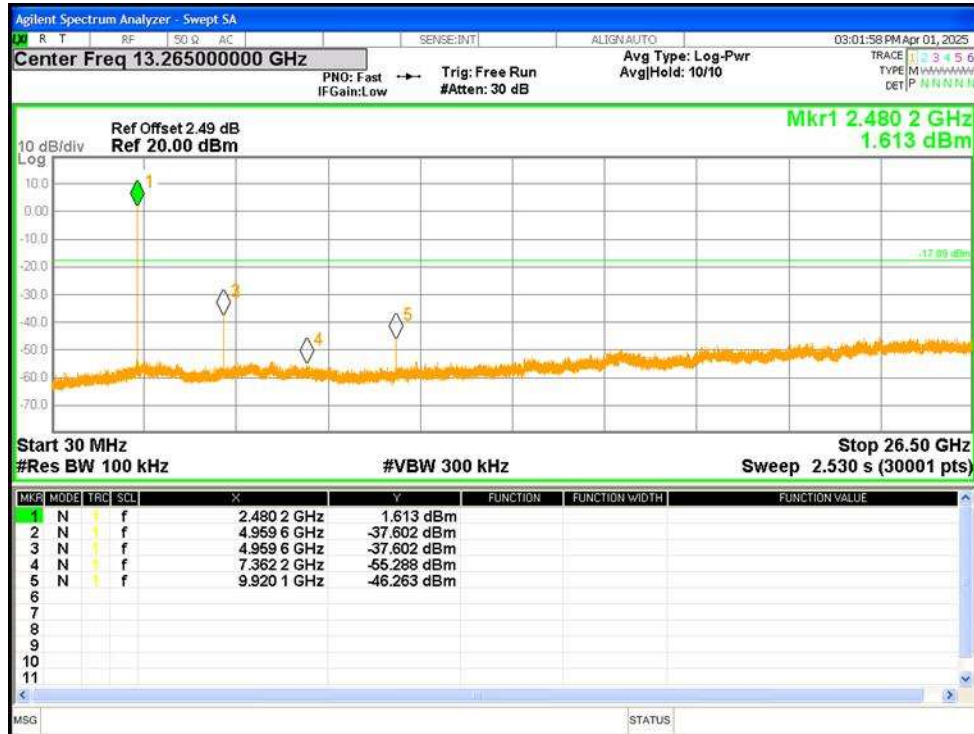
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



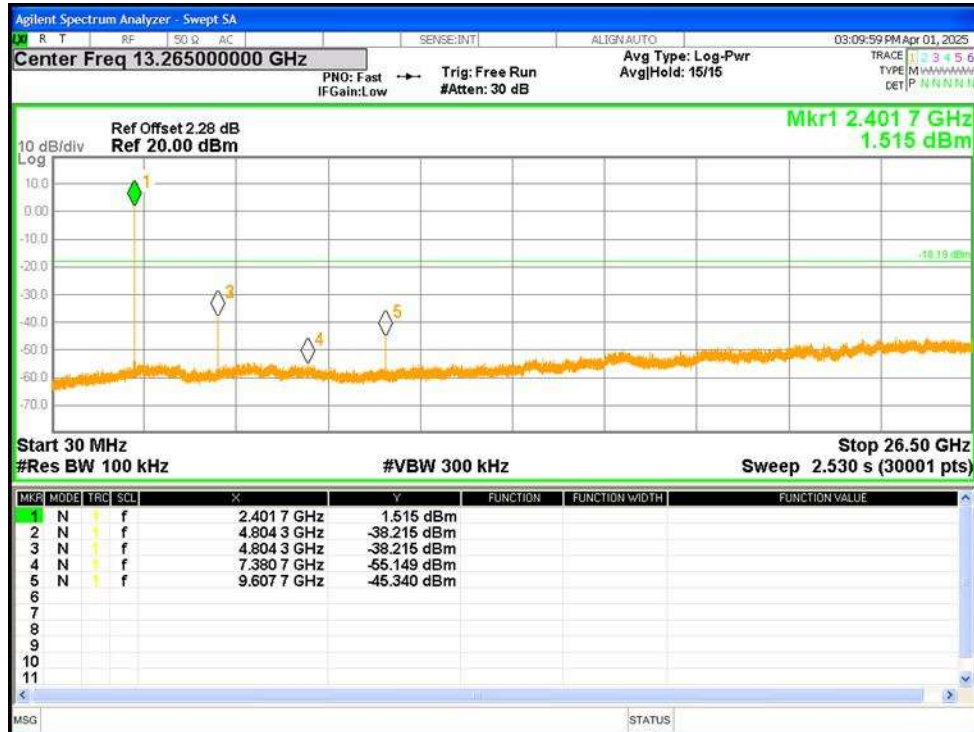
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



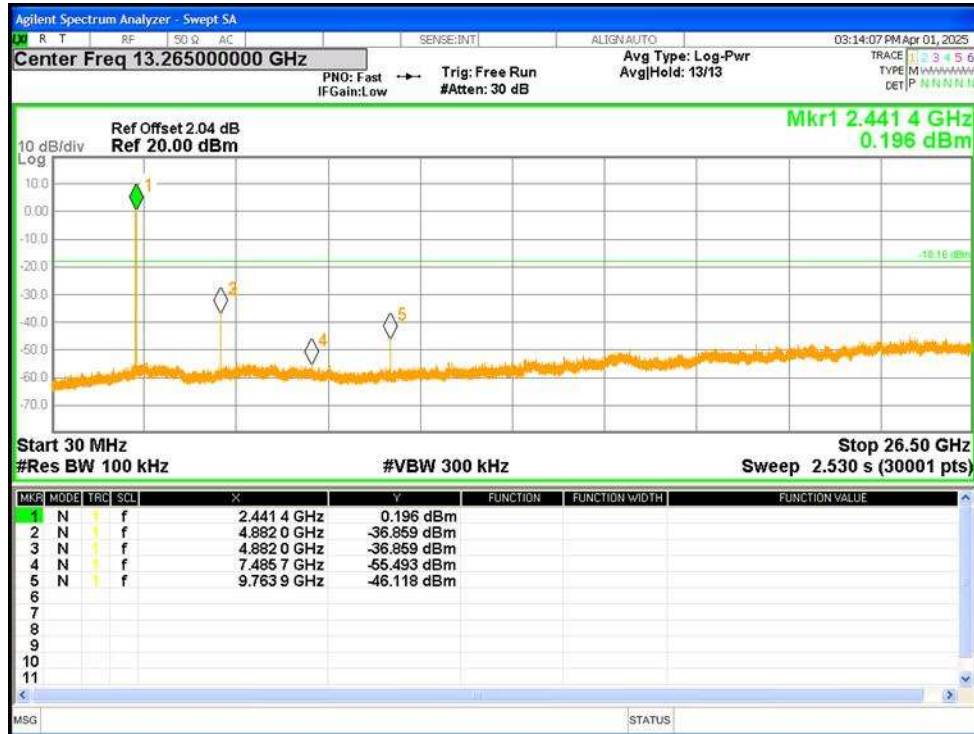
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



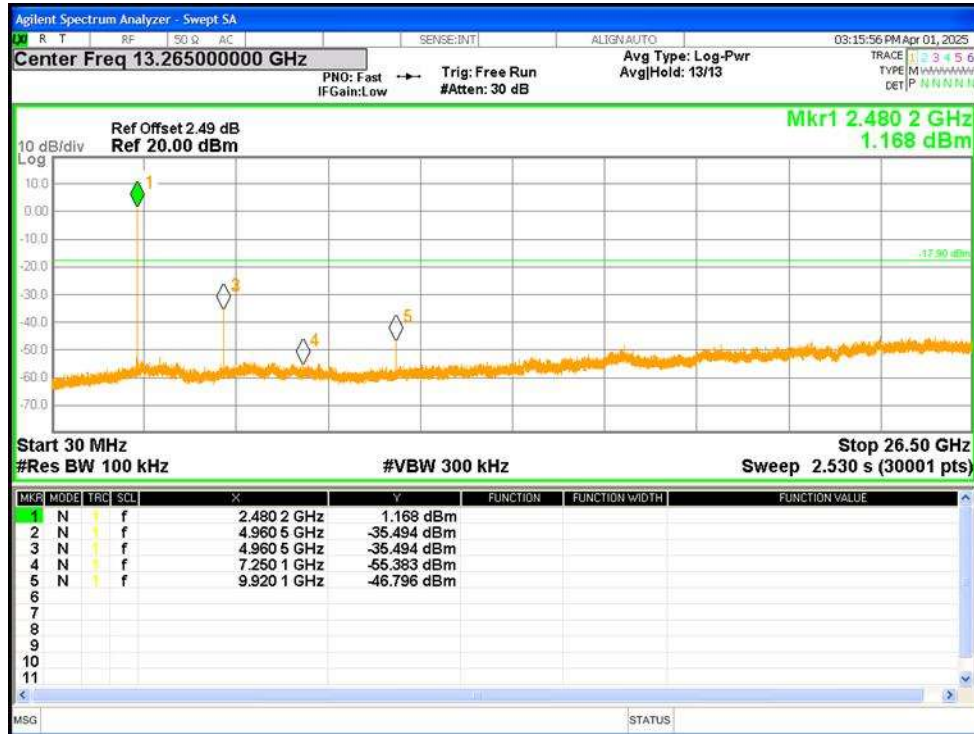
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



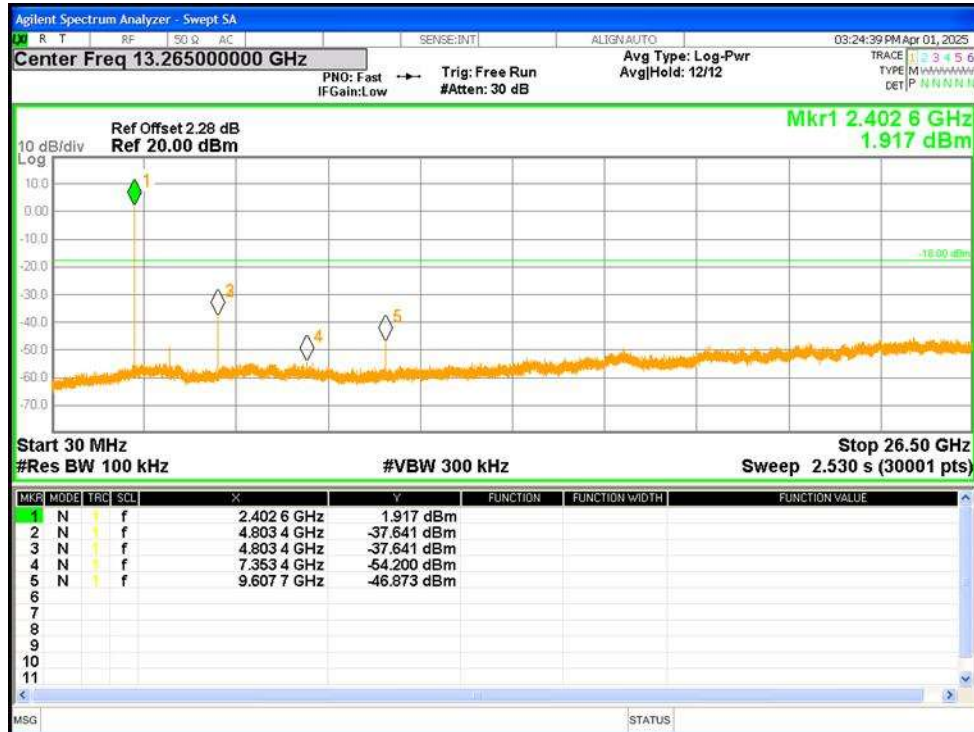
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



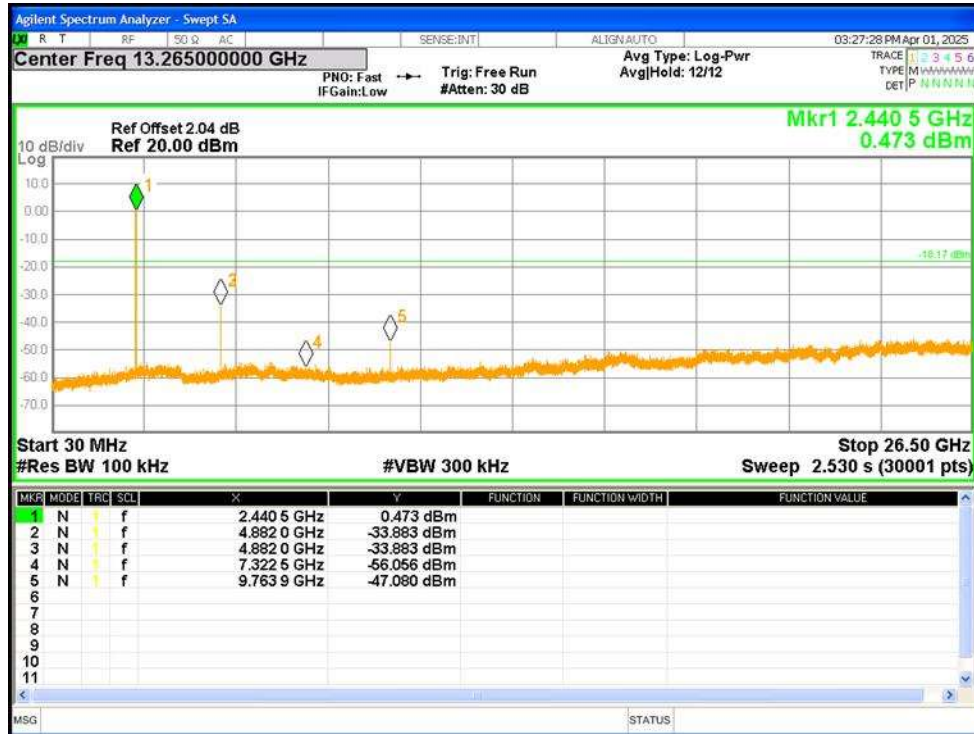
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

