

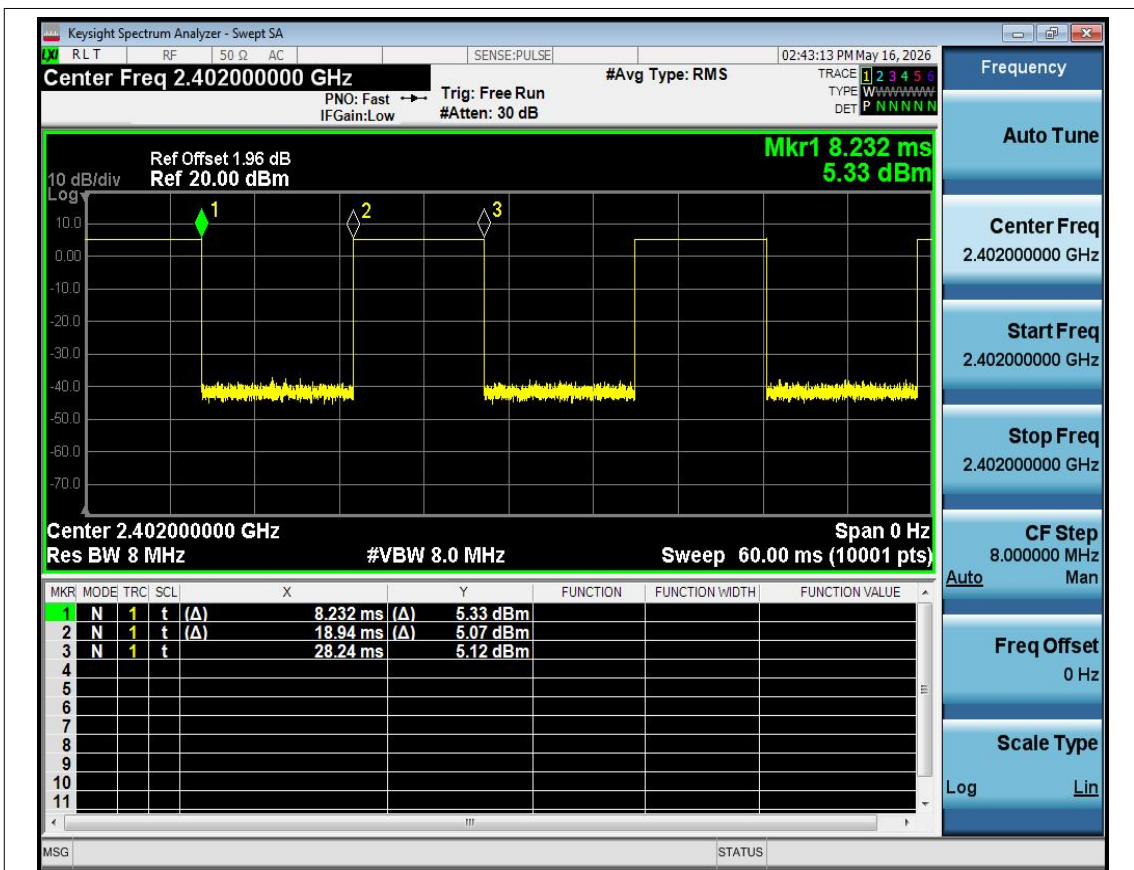
FCC ID:2ATHVDDF-PLUS

RF Test Data

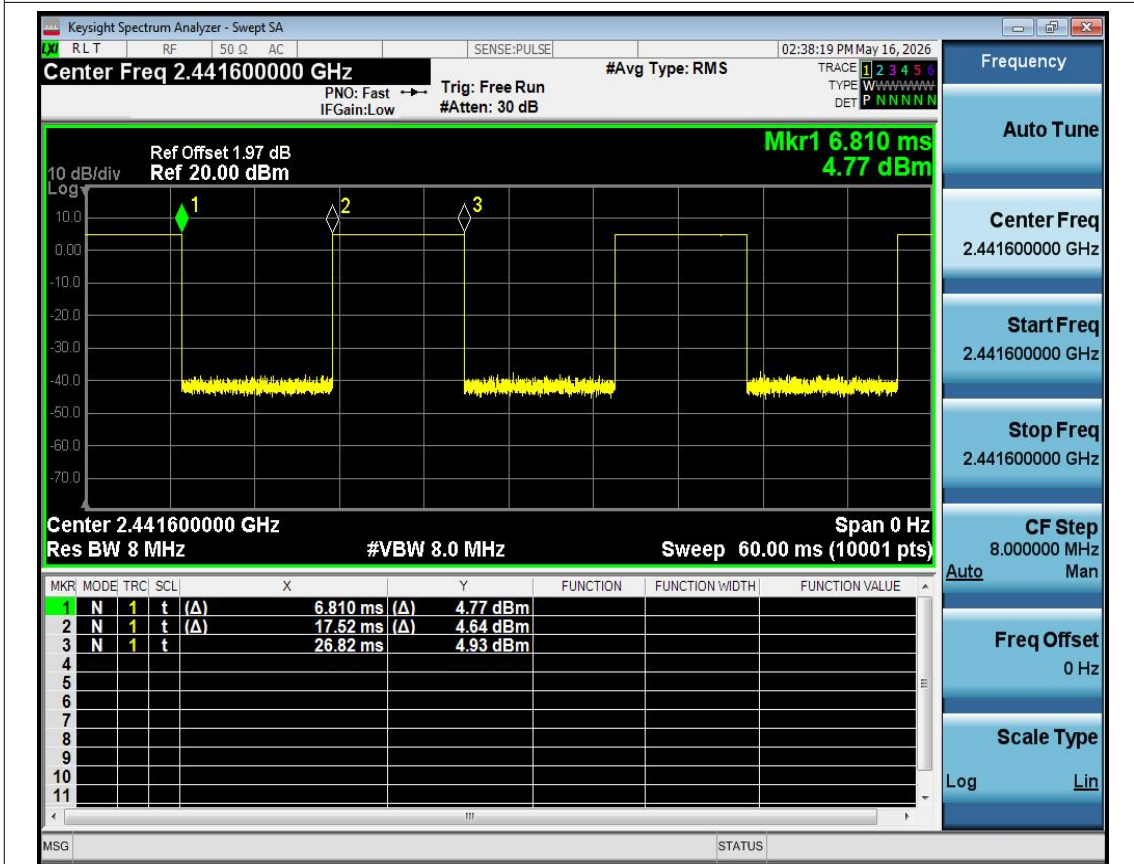
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Duty Cycle

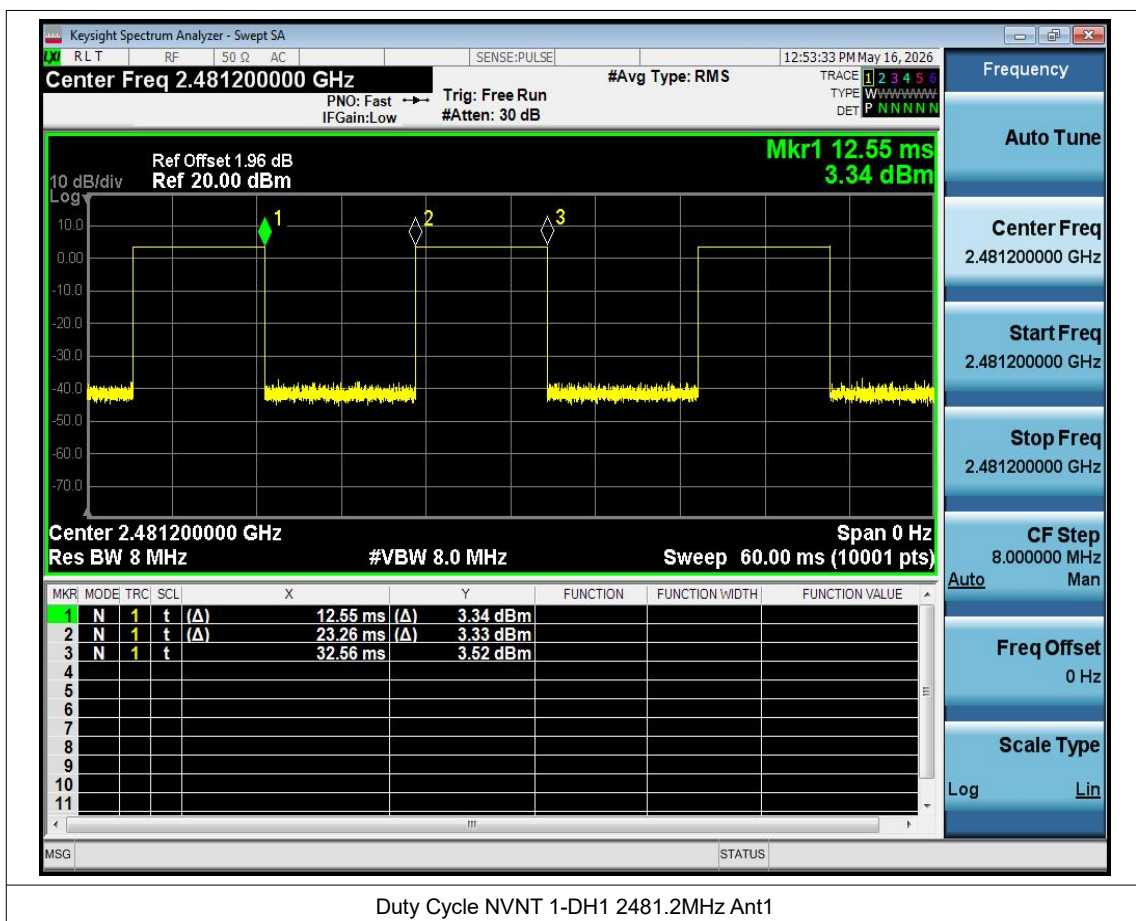
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	46.48	3.33	0.11
NVNT	1-DH1	2441.6	Ant1	46.48	3.33	0.11
NVNT	1-DH1	2481.2	Ant1	46.48	3.33	0.11



Duty Cycle NVNT 1-DH1 2402MHz Ant1

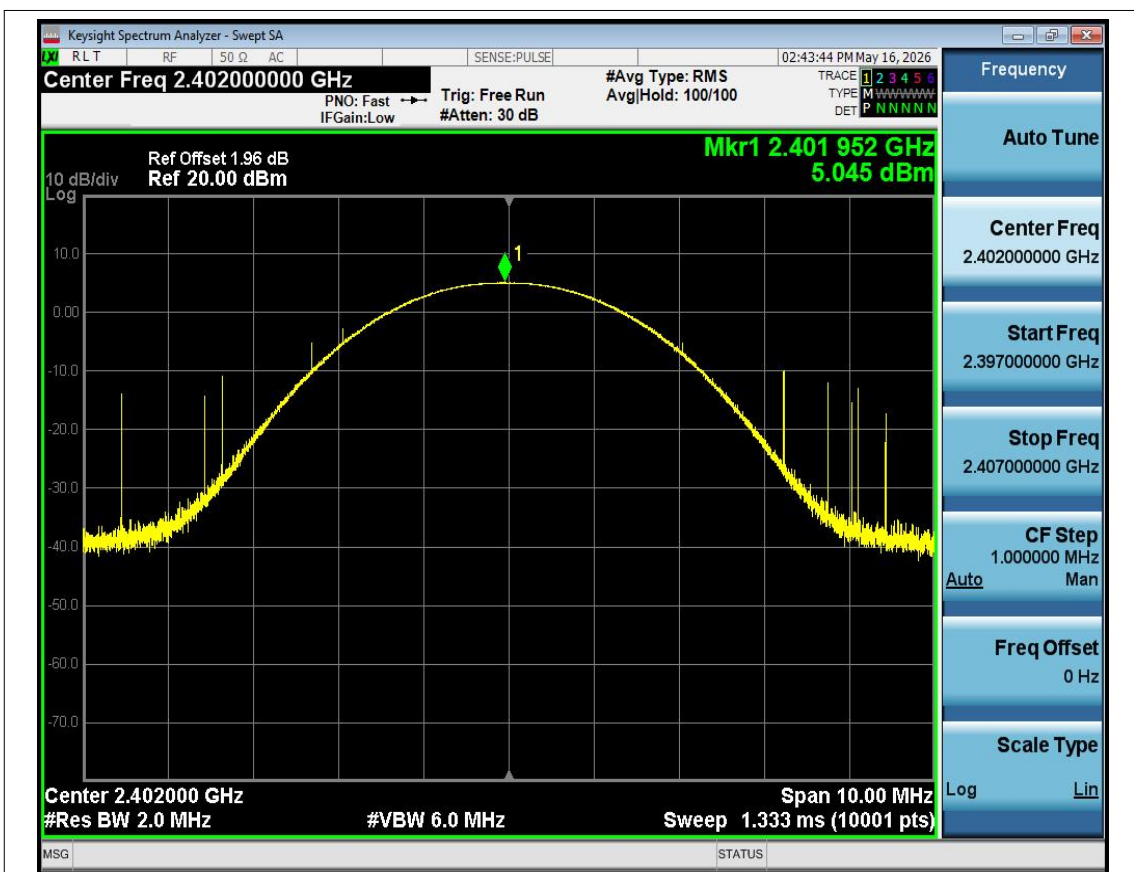


Duty Cycle NVNT 1-DH1 2441.6MHz Ant1



Maximum Peak Conducted Output Power

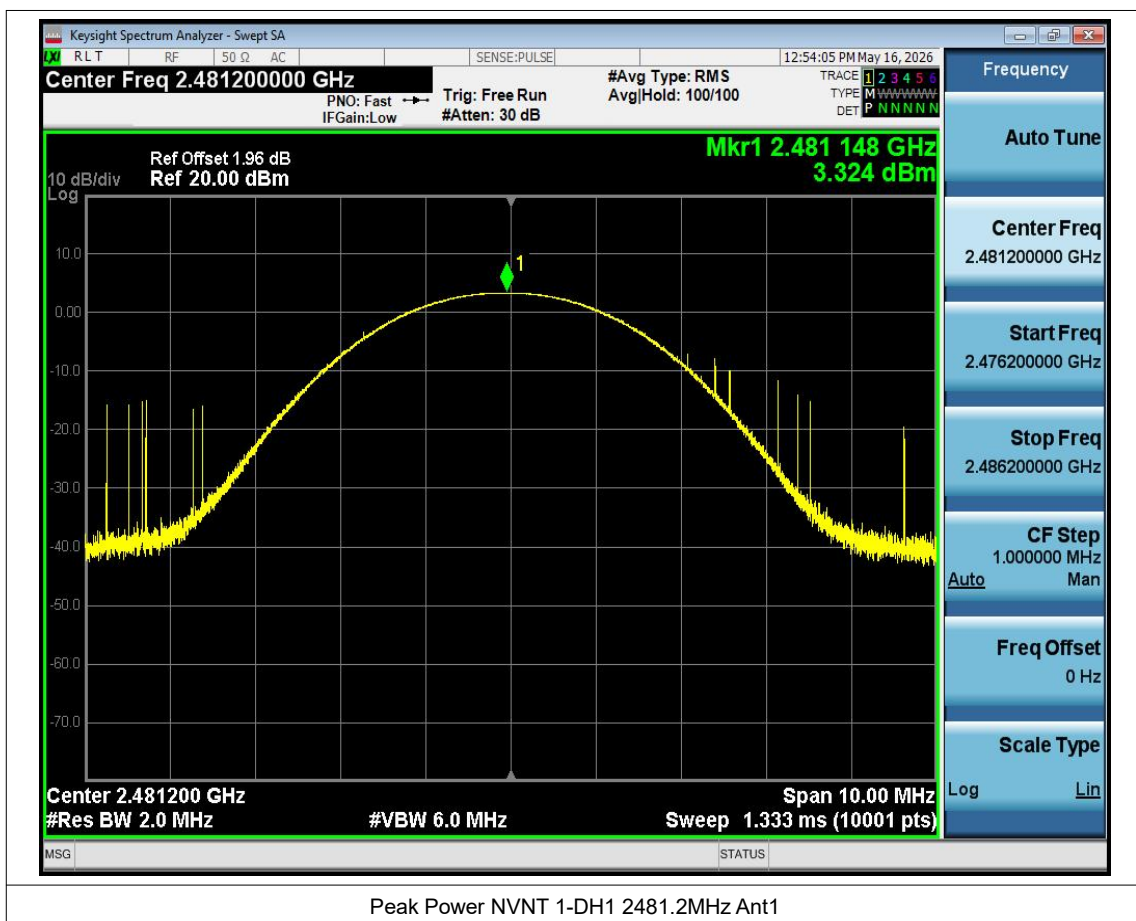
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	1-DH1	2402	Ant1	5.05	5.05	0.0032	21	Pass
NVNT	1-DH1	2441.6	Ant1	4.61	4.61	0.00289	21	Pass
NVNT	1-DH1	2481.2	Ant1	3.32	3.32	0.00215	21	Pass



Peak Power NVNT 1-DH1 2402MHz Ant1



Peak Power NVNT 1-DH1 2441.6MHz Ant1



-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.1177	N/A	Pass
NVNT	1-DH1	2441.6	Ant1	0.1172	N/A	Pass
NVNT	1-DH1	2481.2	Ant1	0.1168	N/A	Pass



-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441.6MHz Ant1



Occupied Channel Bandwidth

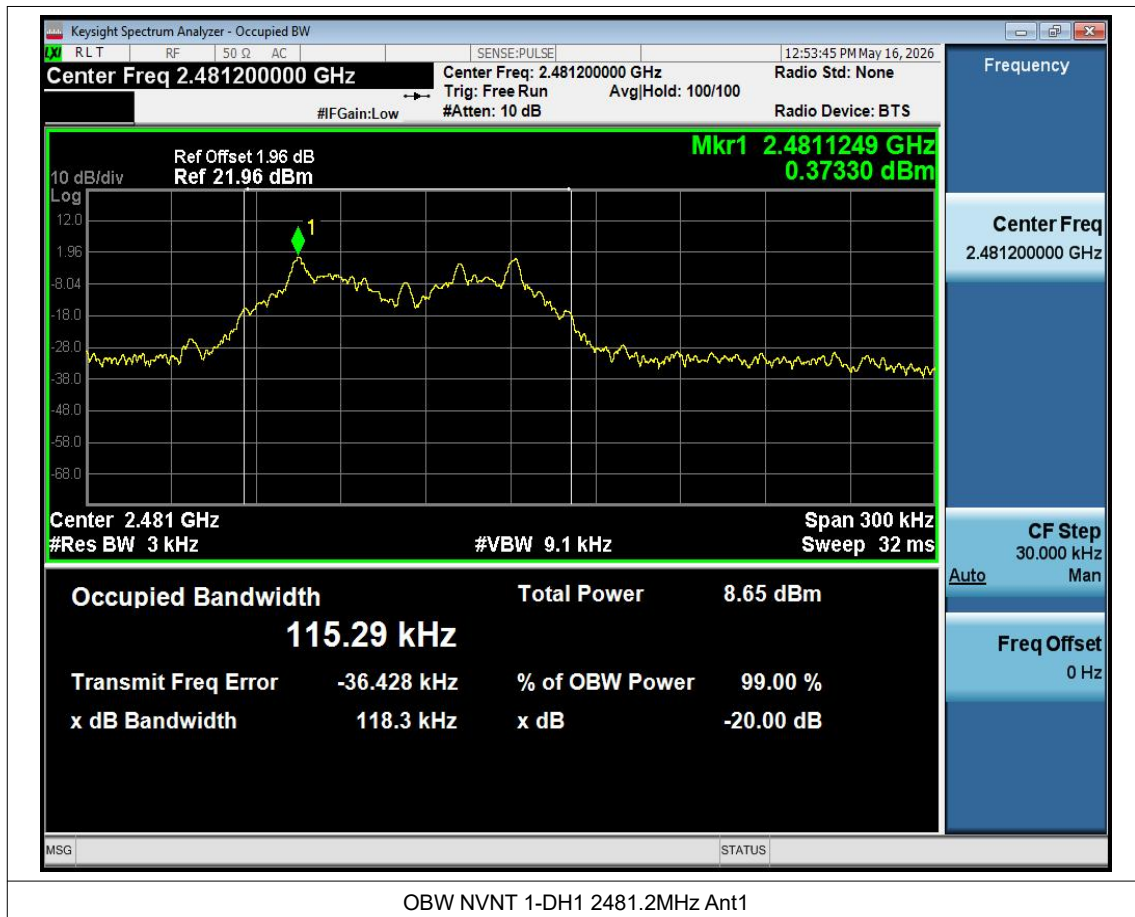
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.11511
NVNT	1-DH1	2441.6	Ant1	0.11465
NVNT	1-DH1	2481.2	Ant1	0.11529



OBW NVNT 1-DH1 2402MHz Ant1

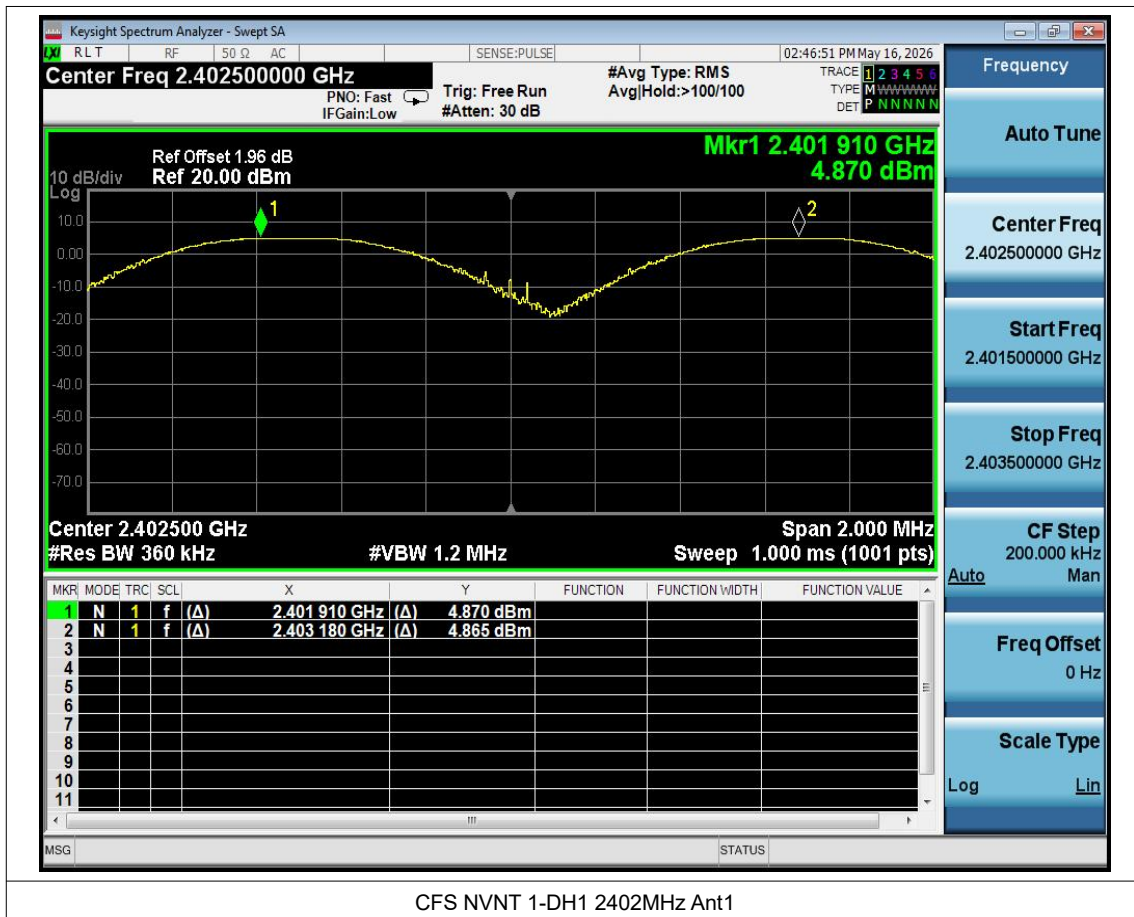


OBW NVNT 1-DH1 2441.6MHz Ant1



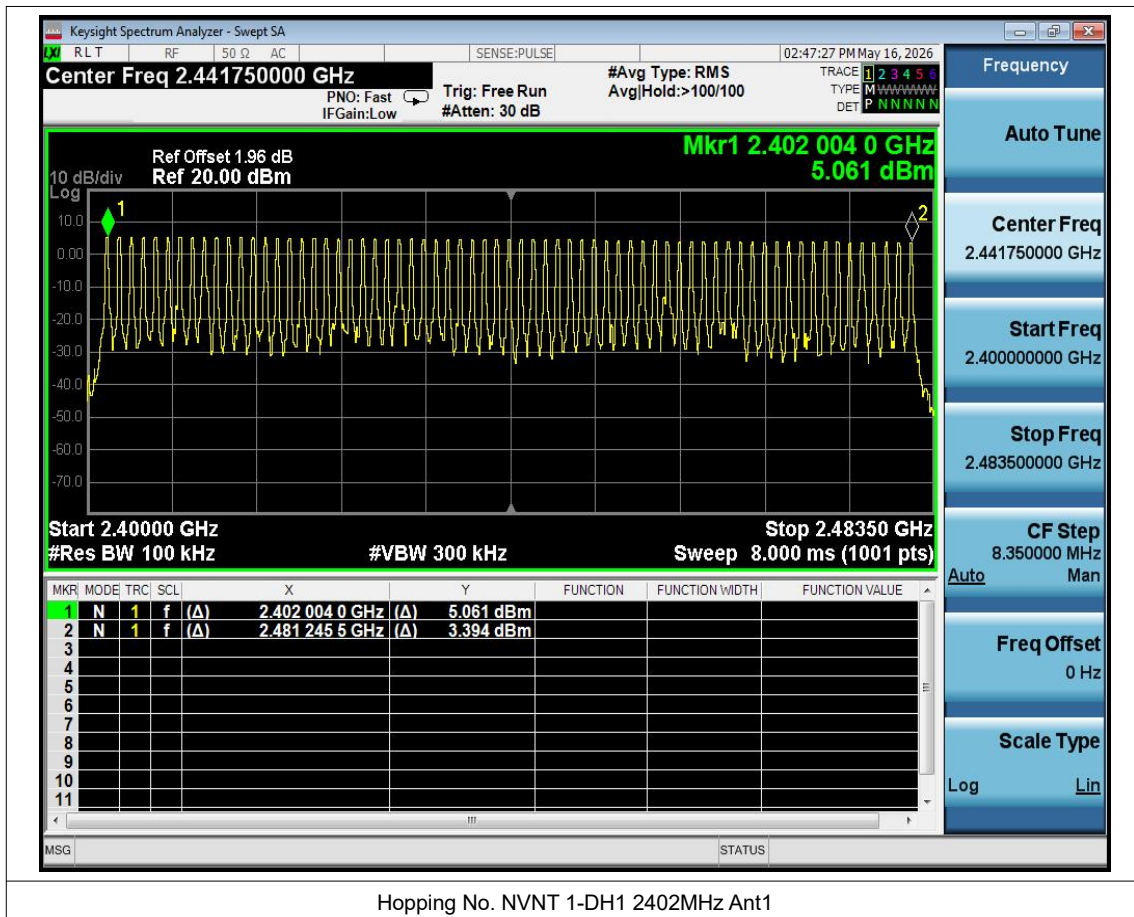
Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2401.91	2403.18	1.27	0.078	Pass



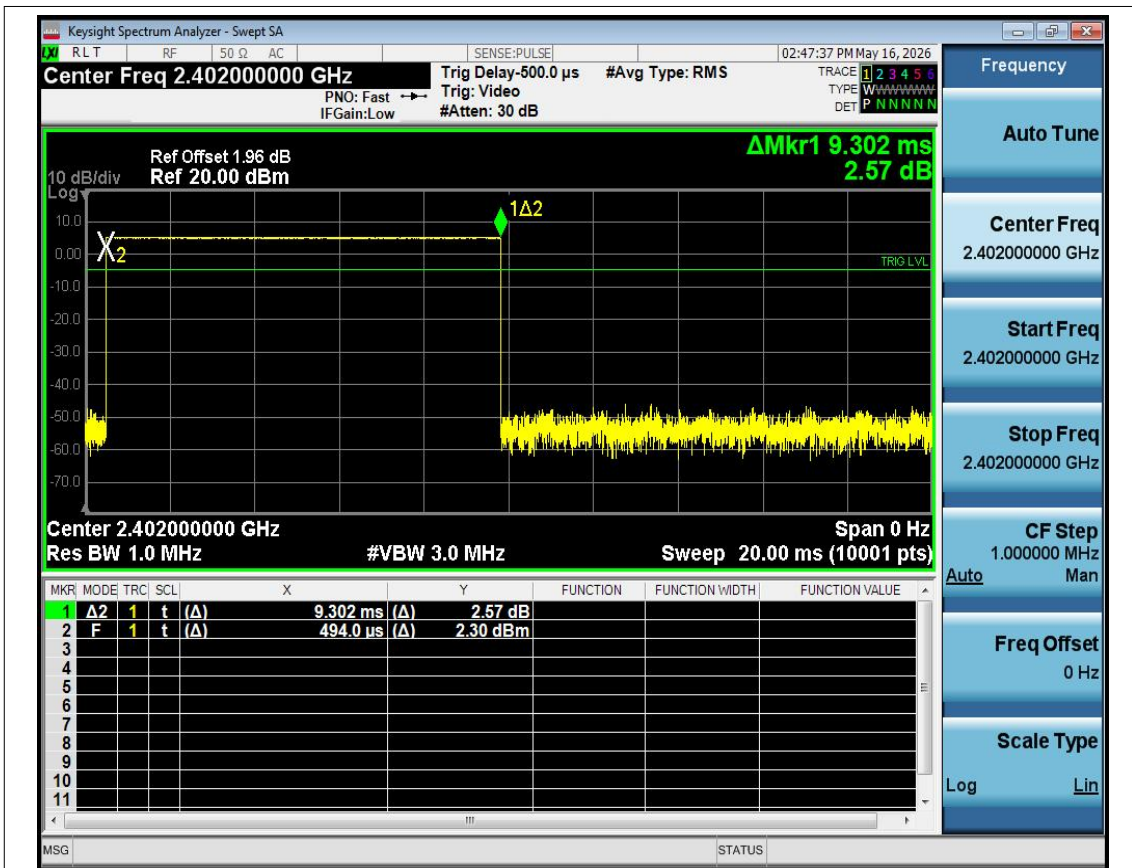
Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	67	15	Pass

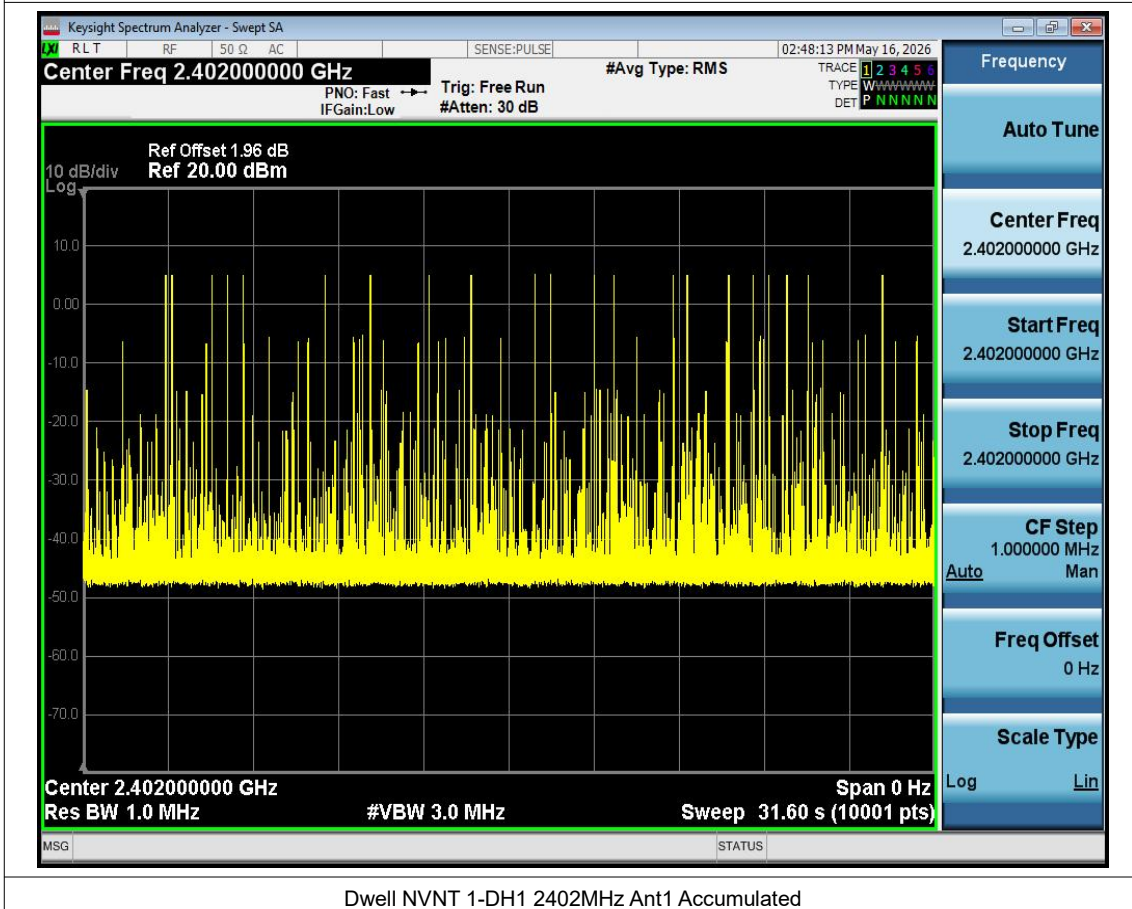


Dwell Time

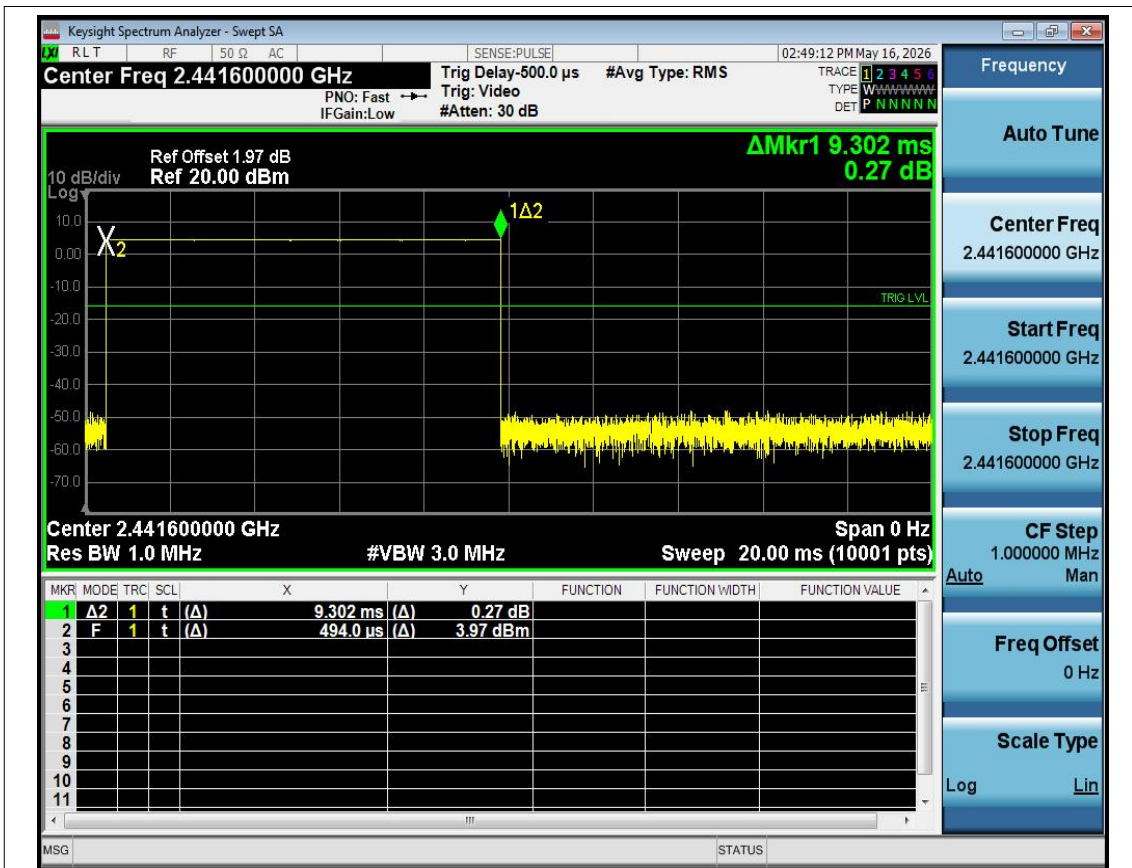
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2402	Ant1	9.302	204.644	22	31600	400	Pass
NVNT	1-DH1	2441.6	Ant1	9.302	195.342	21	31600	400	Pass
NVNT	1-DH1	2481.2	Ant1	0.036	0.54	15	31600	400	Pass



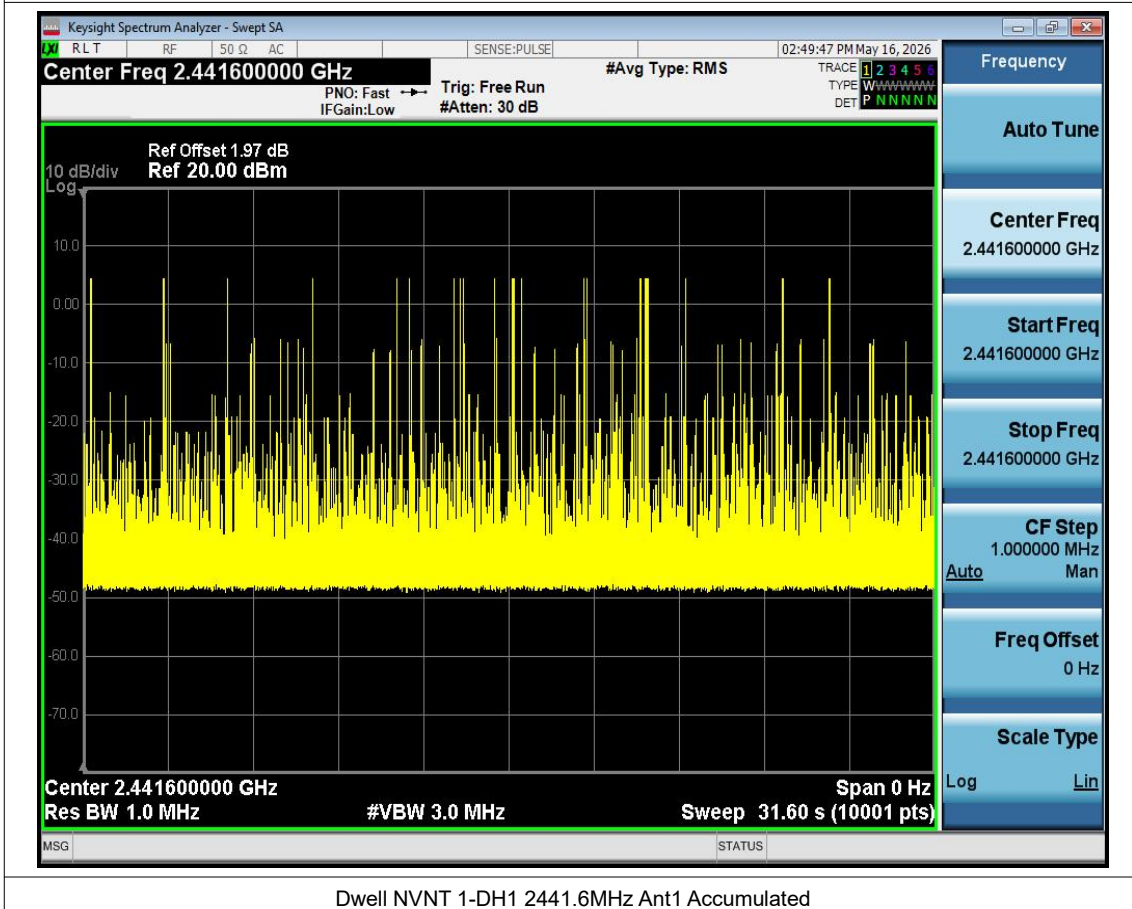
Dwell NVNT 1-DH1 2402MHz Ant1 One Burst



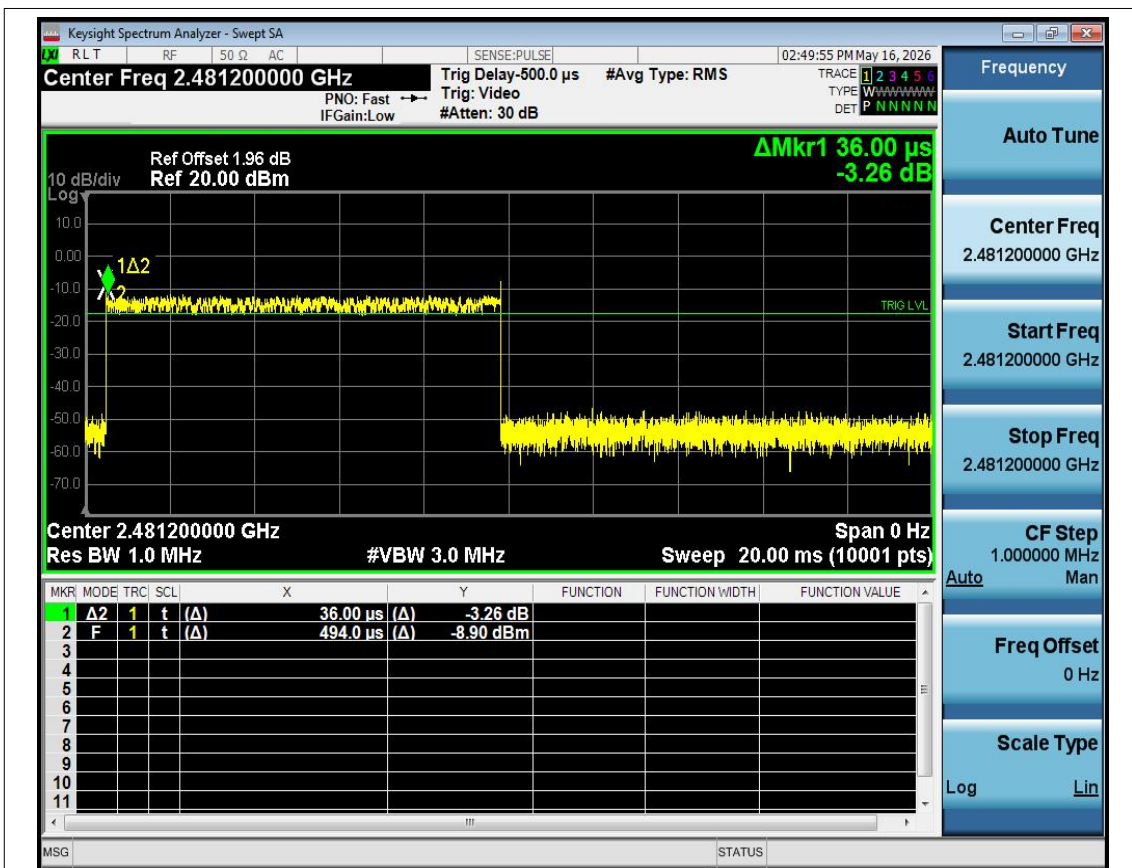
Dwell NVNT 1-DH1 2402MHz Ant1 Accumulated



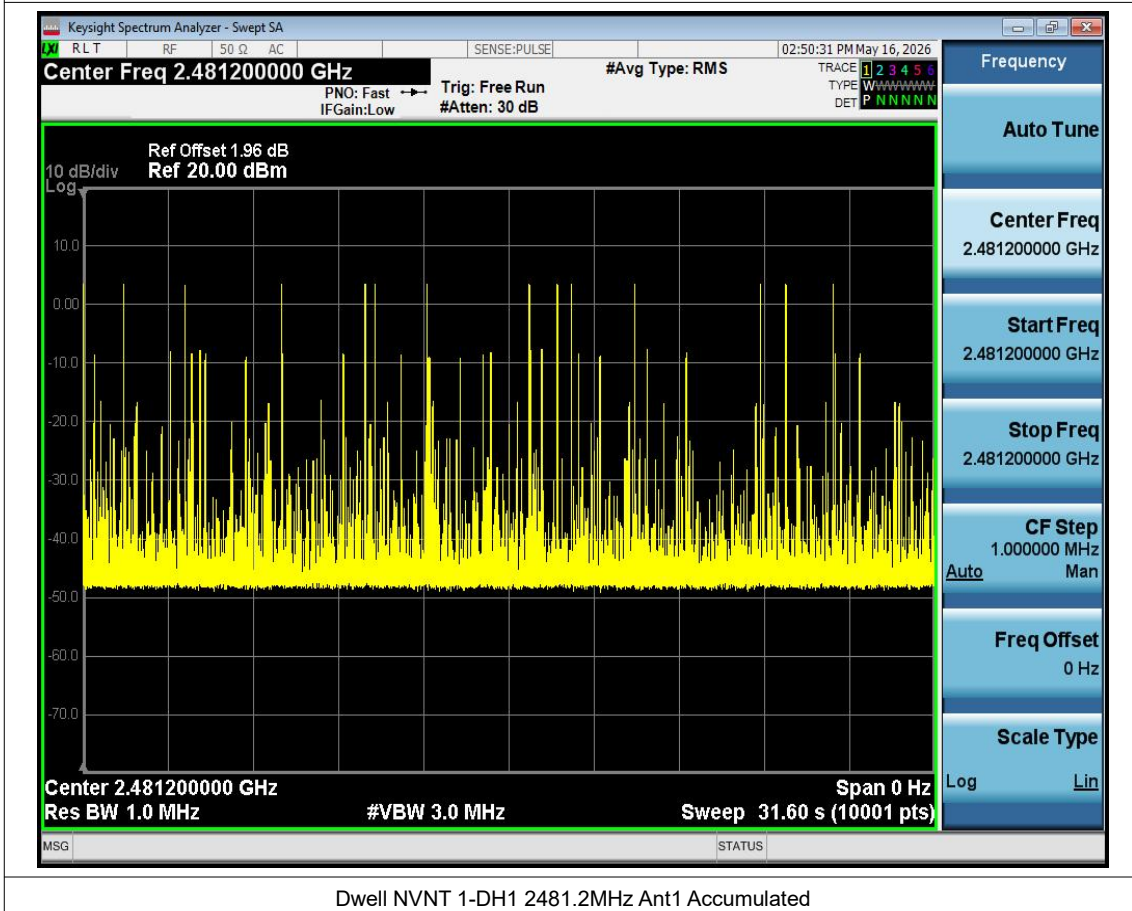
Dwell NVNT 1-DH1 2441.6MHz Ant1 One Burst



Dwell NVNT 1-DH1 2441.6MHz Ant1 Accumulated



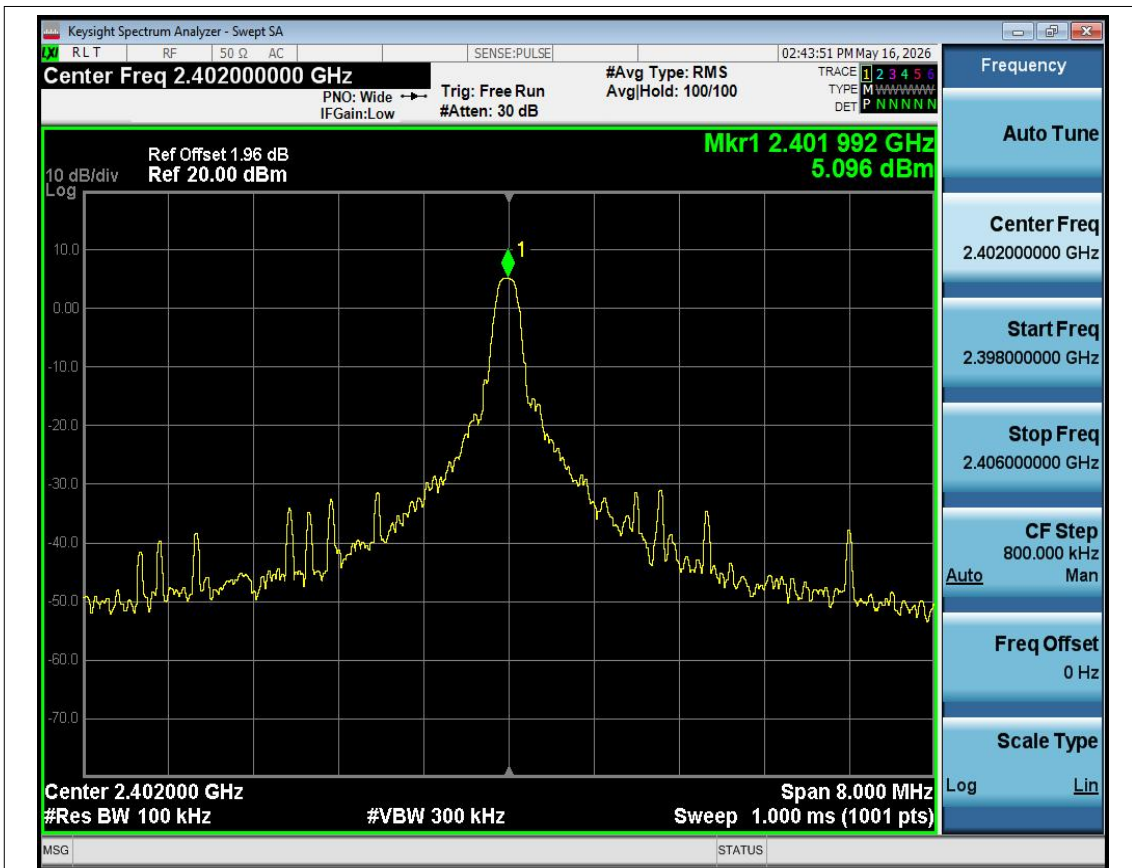
Dwell NVNT 1-DH1 2481.2MHz Ant1 One Burst



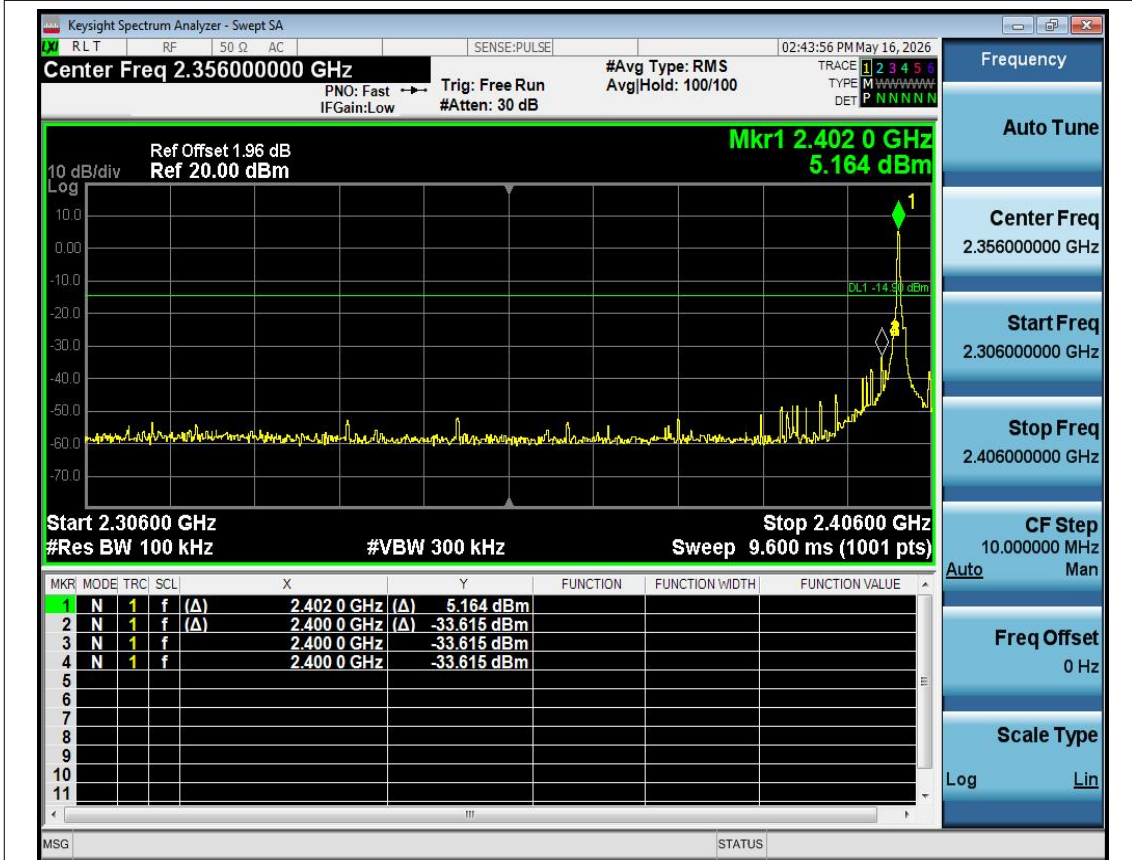
Dwell NVNT 1-DH1 2481.2MHz Ant1 Accumulated

Band Edge

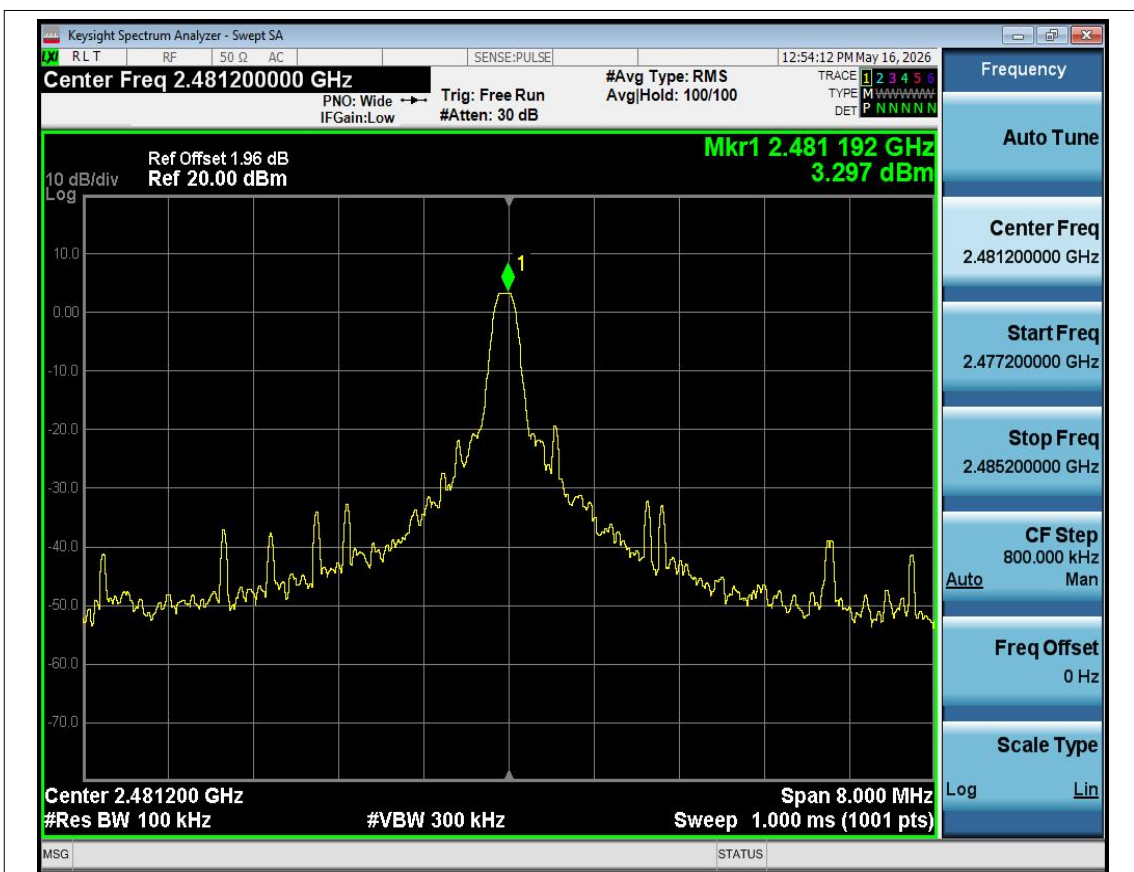
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-38.71	-20	Pass
NVNT	1-DH1	2481.2	Ant1	No-Hopping	-40.9	-20	Pass



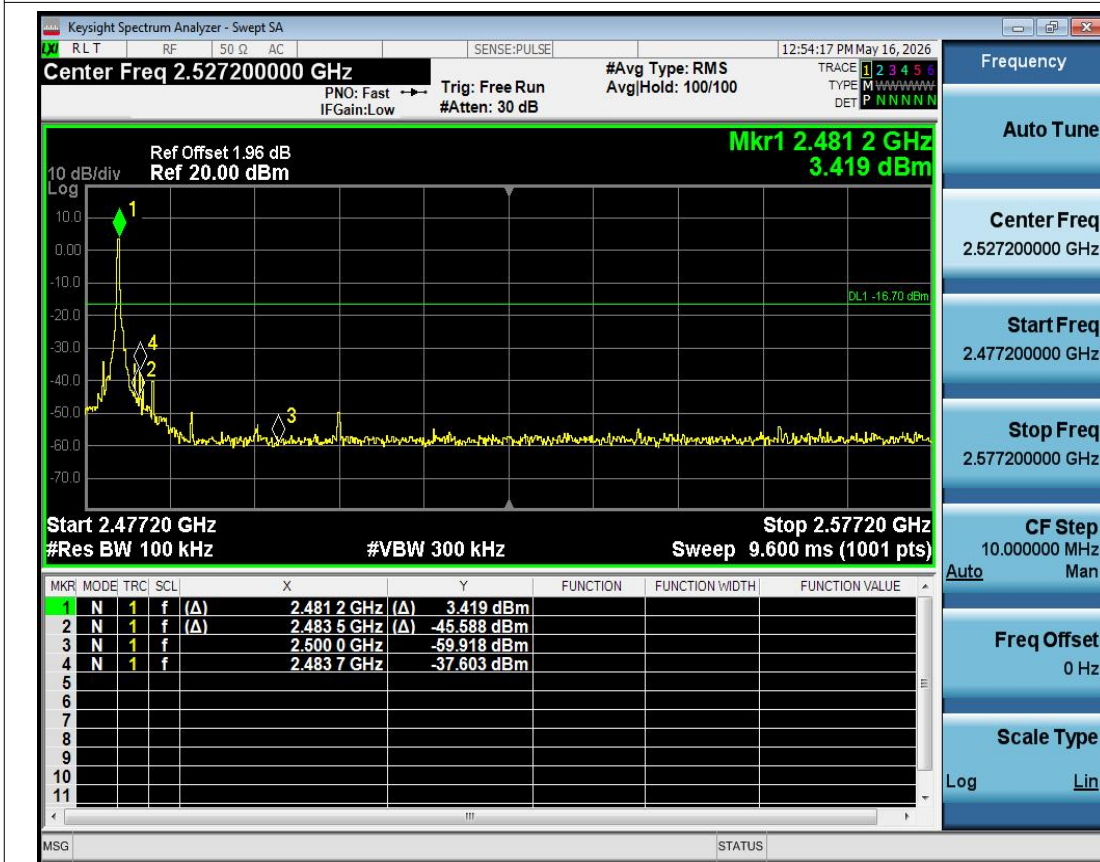
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



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



Band Edge NVNT 1-DH1 2481.2MHz Ant1 No-Hopping Ref



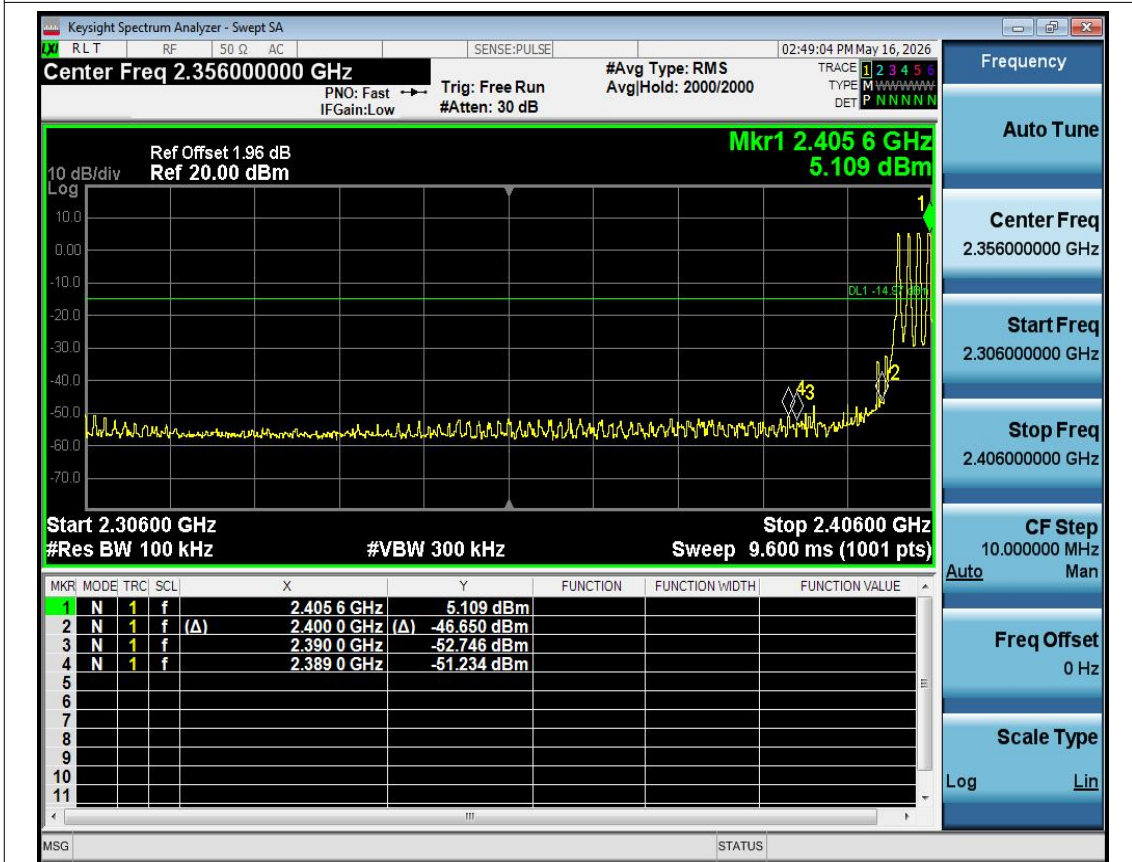
Band Edge NVNT 1-DH1 2481.2MHz Ant1 No-Hopping Emission

Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-56.26	-20	Pass
NVNT	1-DH1	2481.2	Ant1	Hopping	-47.37	-20	Pass



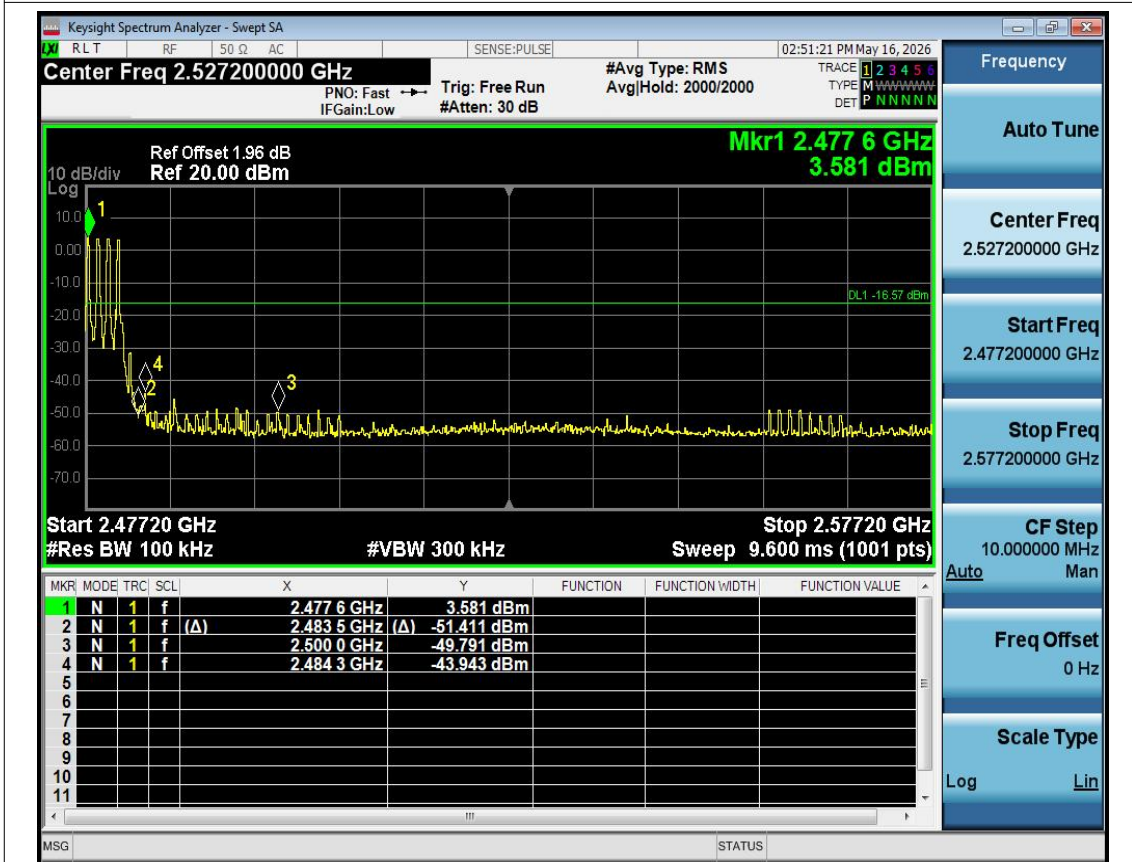
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



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



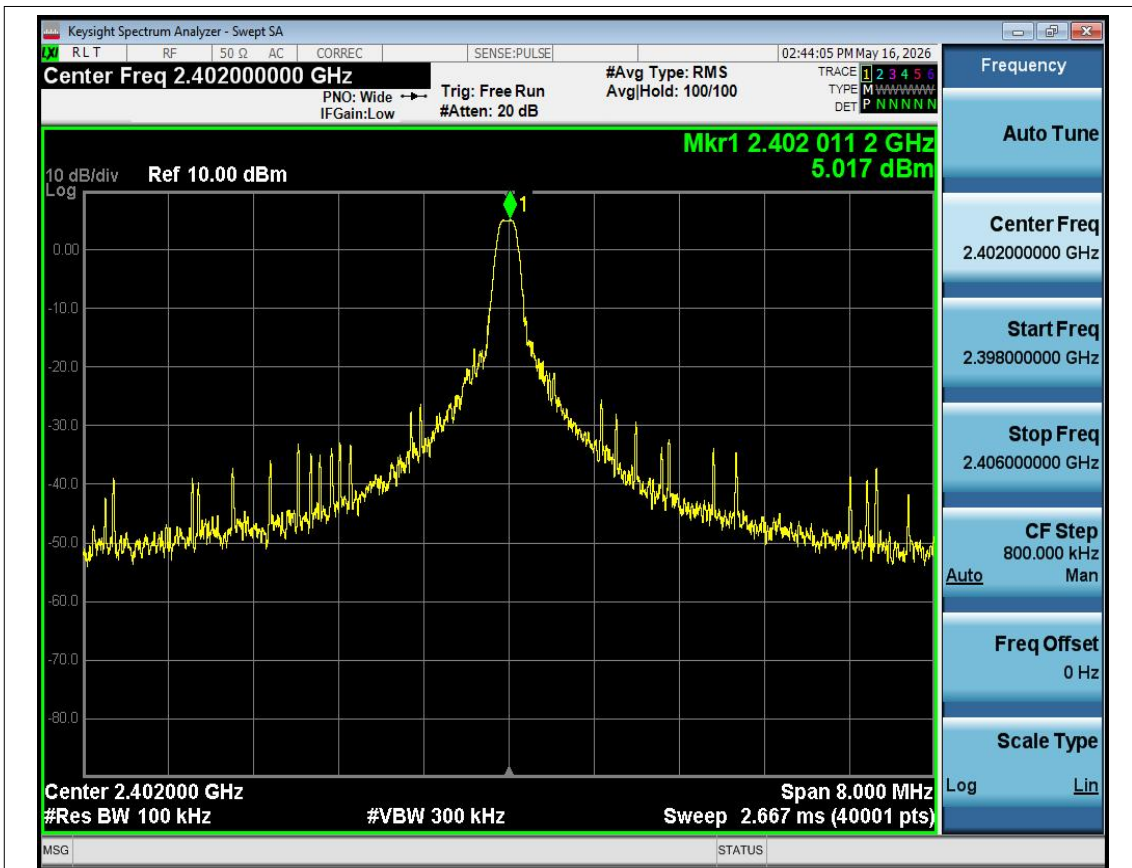
Band Edge(Hopping) NVNT 1-DH1 2481.2MHz Ant1 Hopping Ref



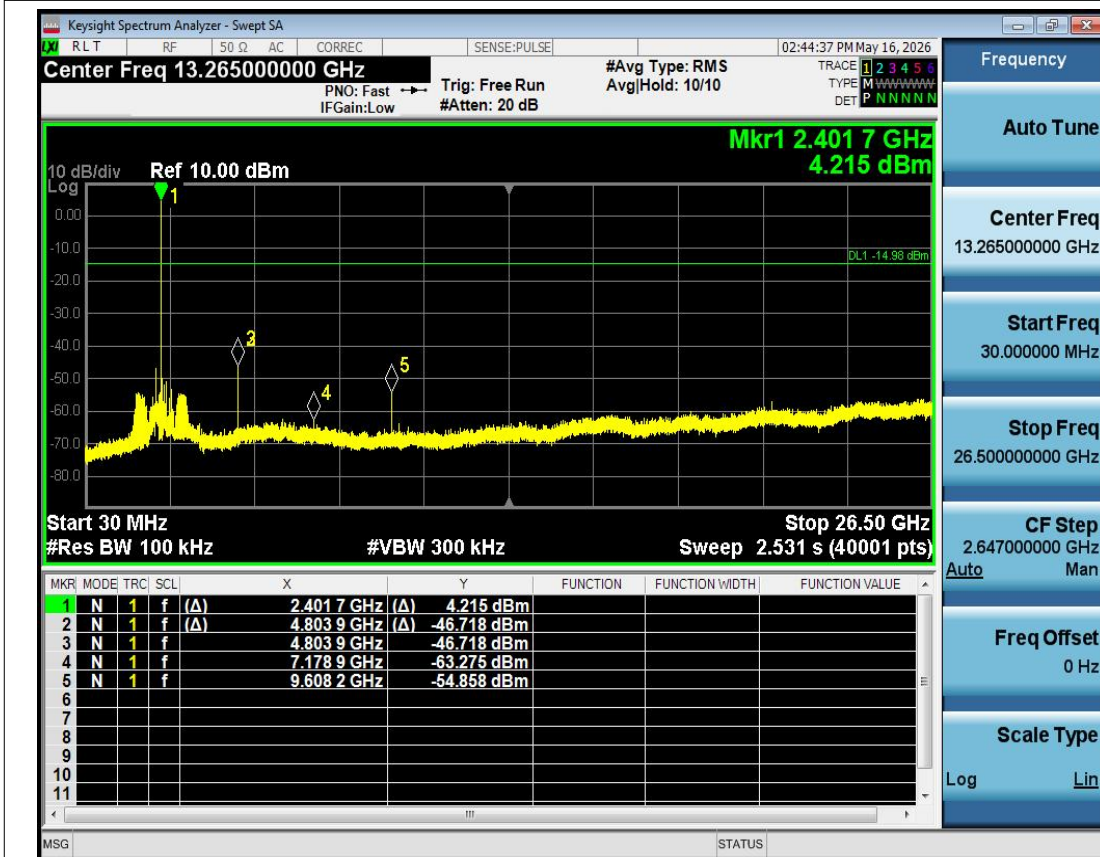
Band Edge(Hopping) NVNT 1-DH1 2481.2MHz Ant1 Hopping Emission

Conducted RF Spurious Emission

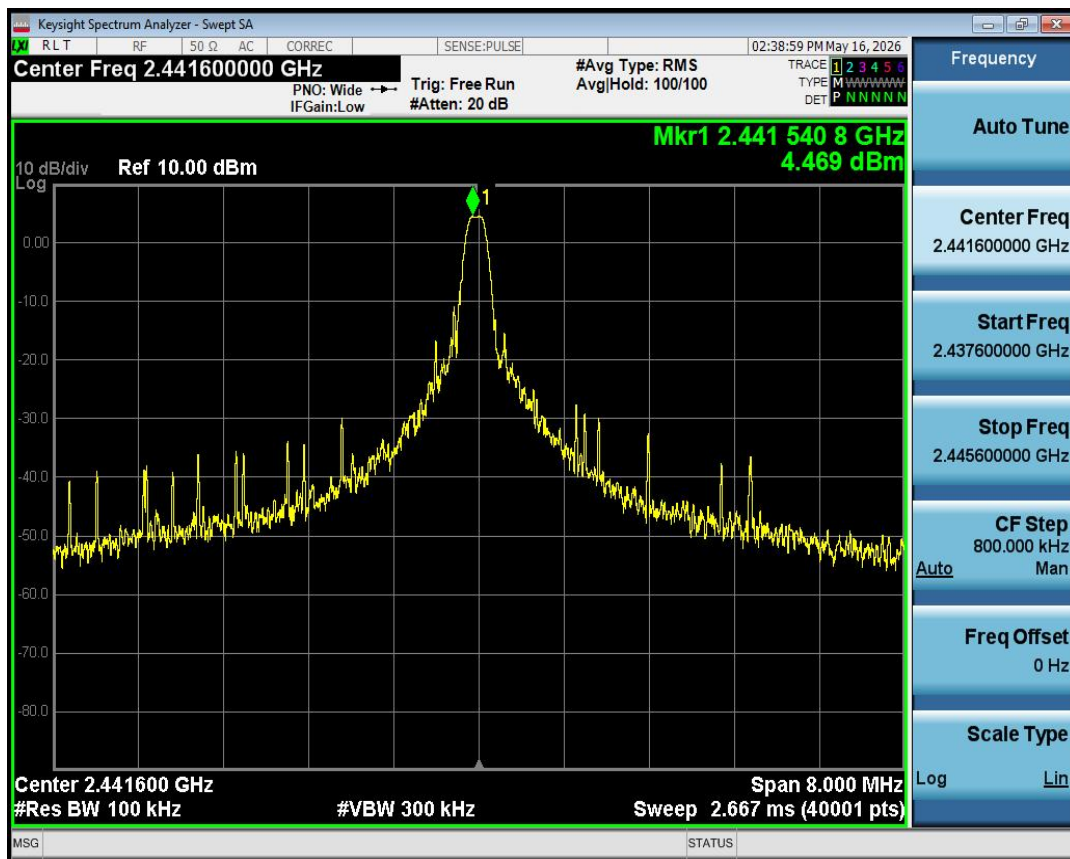
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-51.73	-20	Pass
NVNT	1-DH1	2441.6	Ant1	-45.86	-20	Pass
NVNT	1-DH1	2481.2	Ant1	-40.77	-20	Pass



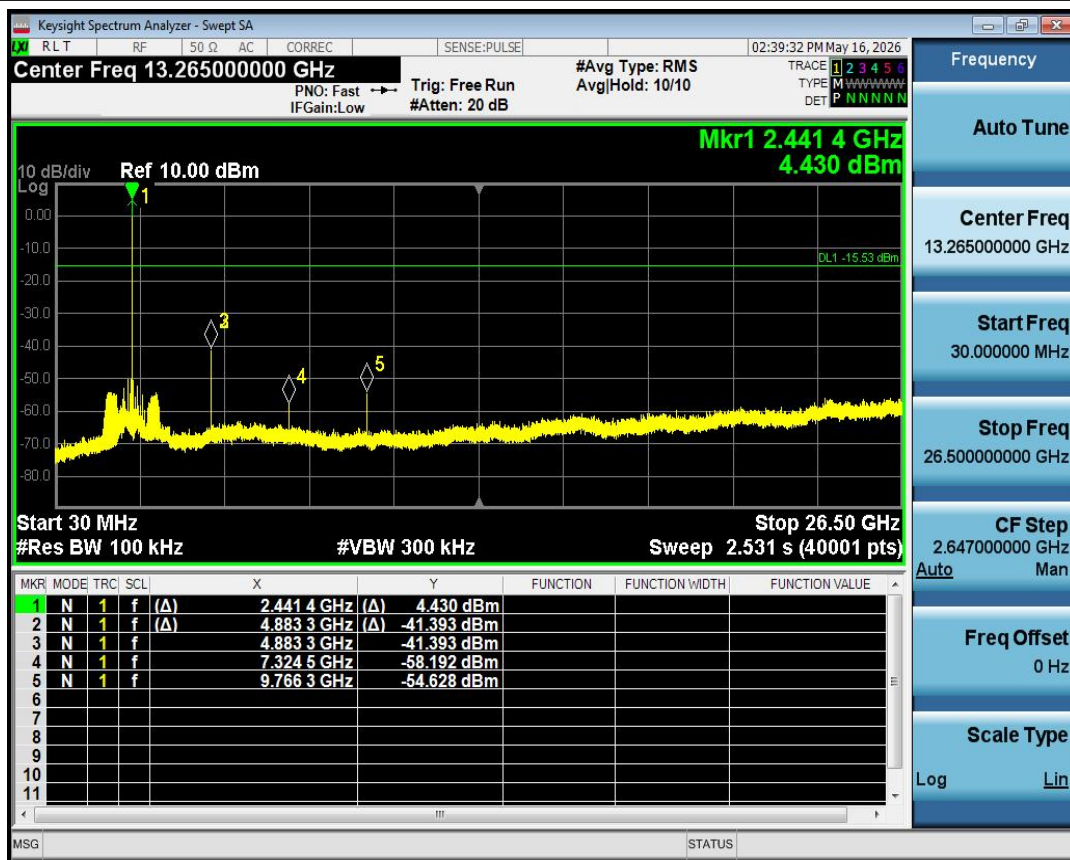
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



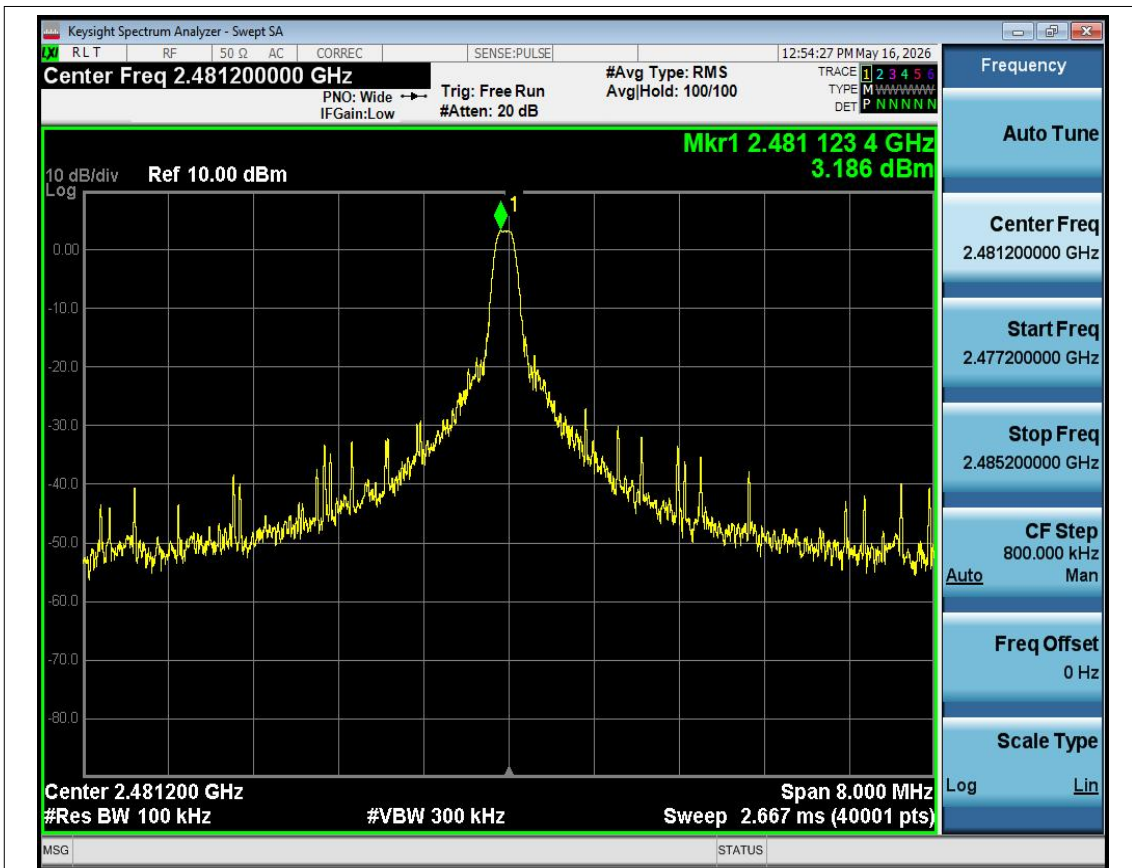
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



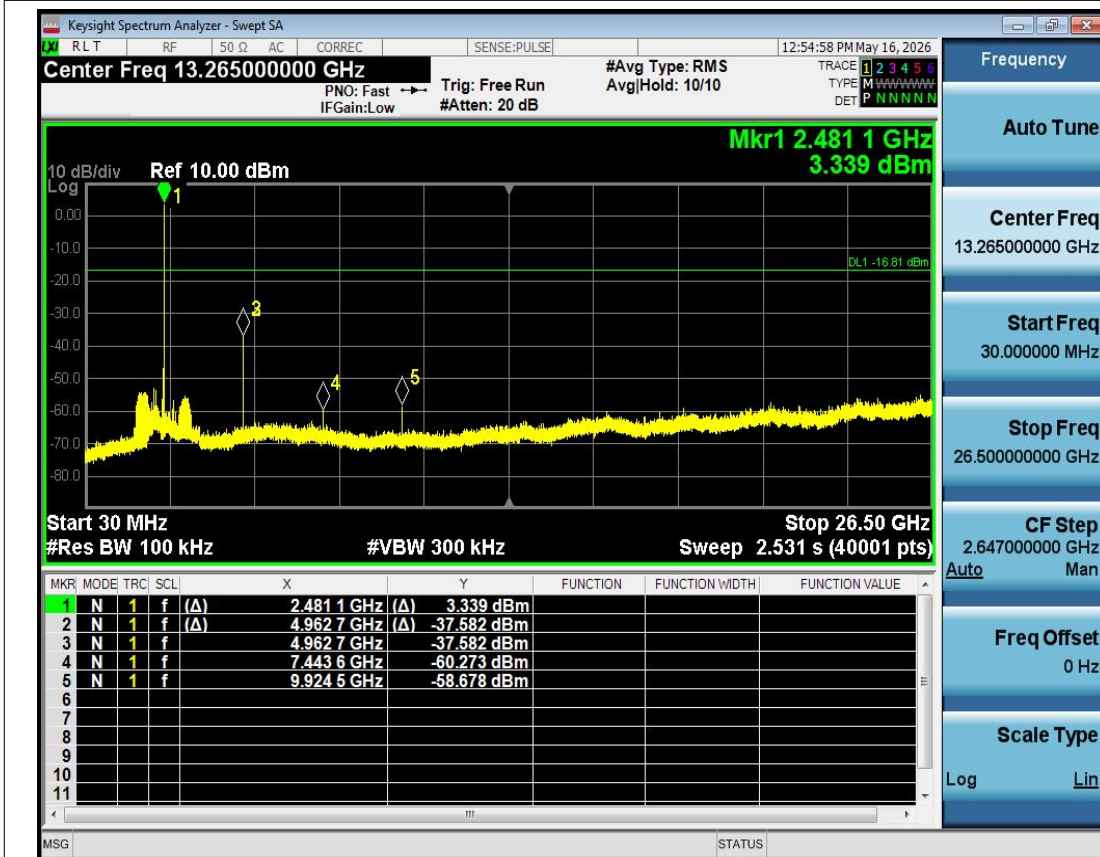
Tx. Spurious NVNT 1-DH1 2441.6MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441.6MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2481.2MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2481.2MHz Ant1 Emission