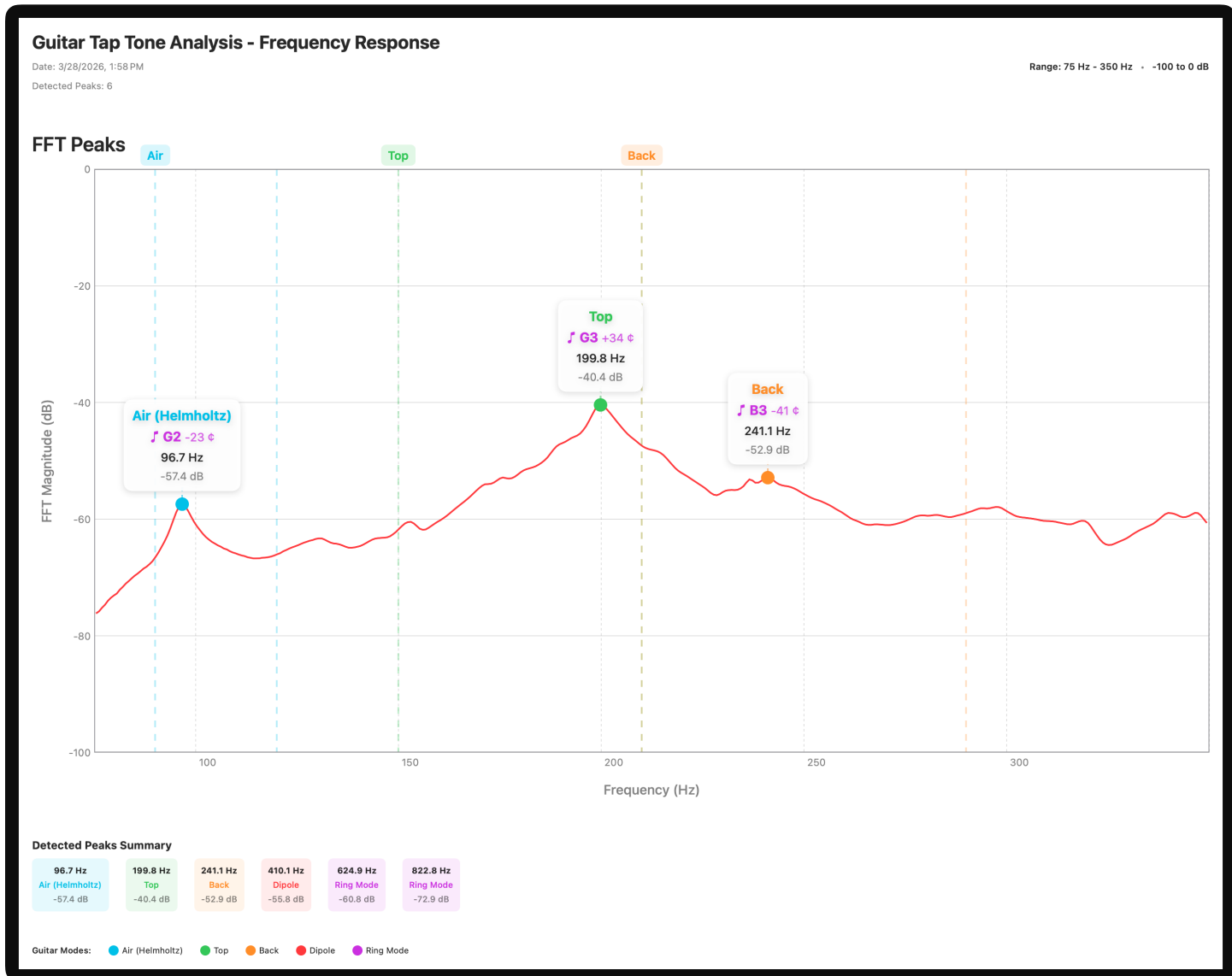


Tap Tone Analysis Report

Location: DWS 2024
Type: Classical Guitar
Notes: 10 taps with UMIK-1
Frequency Range: 75.0 Hz – 350.0 Hz
Microphone: MacBook Pro Microphone · uncalibrated

Frequency Spectrum



Detected Peaks

Frequency	Magnitude	Note	Mode
96.7 Hz	-57.4 dB	G2	Air (Helmholtz)
199.8 Hz	-40.4 dB	G3	Top
241.1 Hz	-52.9 dB	B3	Back

Analysis Results

Ring-Out Time 0.12 s Time to decay 15 dB	Short Sustain quality	Tap Tone Ratio 2.07 : 1 Top / Air	Ideal Ideal: 1.9 – 2.1
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