GuitarTap

Tap Tone Analysis Report

Jul 29, 2026, 2:10 PM

Measurement Name: DWS 2024 UMIK-1 3 Tap Swift Mac
Type: Generic Guitar
Frequency Range: 75.0 Hz – 350.0 Hz
Microphone: Umik-1 Gain: 18dB · calibrated (7108913)

Frequency Spectrum



Selected Peaks

Frequency	Magnitude	Note	Mode
97.4 Hz	-63.2 dB	G2	Air (Helmholtz)
197.4 Hz	-41.5 dB	G3	Top
239.6 Hz	-54.5 dB	A#3	Back

Analysis Results

Ring-Out Time
0.10 s
Time to decay 15 dB
Short
Sustain quality

Tap Tone Ratio
2.03 : 1
Top / Air
Ideal
Ideal: 1.9–2.1

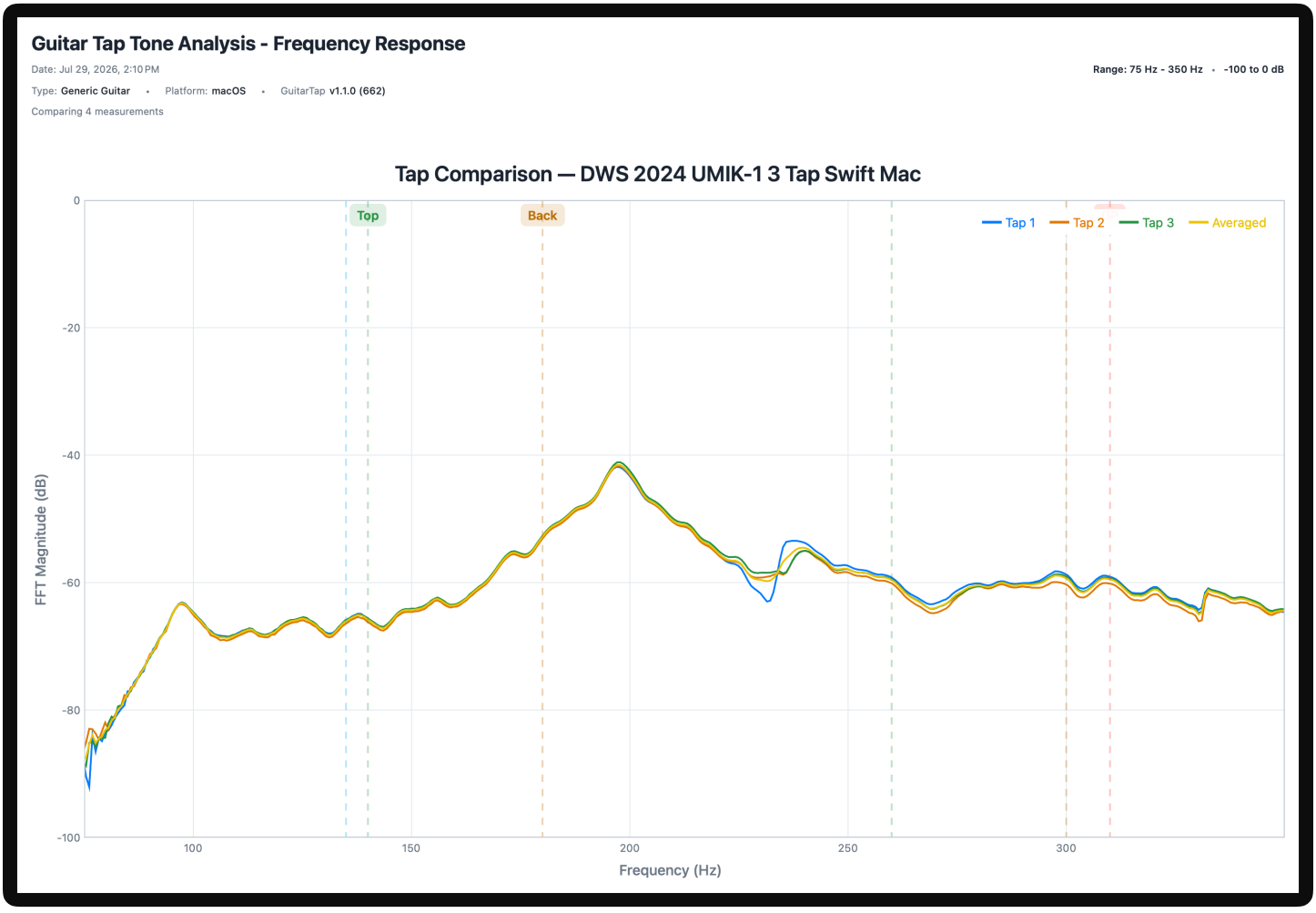
GuitarTap

Comparison Report

Jul 29, 2026, 2:10 PM

Comparison: DWS 2024 UMIK-1 3 Tap Swift Mac
Spectra: 4 spectra compared
Frequency Range: 75.0 Hz – 350.0 Hz

Frequency Spectrum



Peak Mode Comparison

Spectrum	Air	Top	Back
Tap 1	97.5 Hz	197.3 Hz	237.7 Hz
Tap 2	97.3 Hz	197.4 Hz	240.0 Hz
Tap 3	97.5 Hz	197.5 Hz	240.1 Hz
Averaged	97.4 Hz	197.4 Hz	239.6 Hz