Therapist Session Analysis Report

Session Type: Voice Emotion Analysis
Analysis Method: SentiVoice AI-Based Emotion Detection
Patient Name: Humayun Aftab

Primary Analysis

Detected Emotion: Calm

Technical Markers

Speech Energy (MFCC1): -346.7587
Vocal Tone (MFCC40): -3.0544
Pitch (Chroma): 0.5246
Intensity (Melspec): 0.0500
Contrast: 0.0293
Harmonic (Tonnetz): 0.7205

Feature Thresholds by Emotion

Sr No.	Features	Sad	Happy	Angry	Calm	Surprise
1	MFCC1	≤ -32.5	≥ 15.2	≥ 28.7	-10.3 – 5.8	≥ 22.4
2	MFCC40	≤ -5.8	≥ 3.2	≥ 4.5	-2.1 – 1.8	≥ 2.9
3	Chroma	≤ 0.35	≥ 0.65	≥ 0.75	0.45 – 0.55	≥ 0.70
4	Melspectrogram	≤ -15.2	≥ 12.5	≥ 18.3	-8.4 – 6.2	≥ 14.8
5	Contrast	≤ 22.5	≥ 45.8	≥ 52.3	30.2 – 40.5	≥ 48.7
6	Tonnetz	≤ -0.42	≥ 0.38	≥ 0.45	-0.15 – 0.25	≥ 0.40