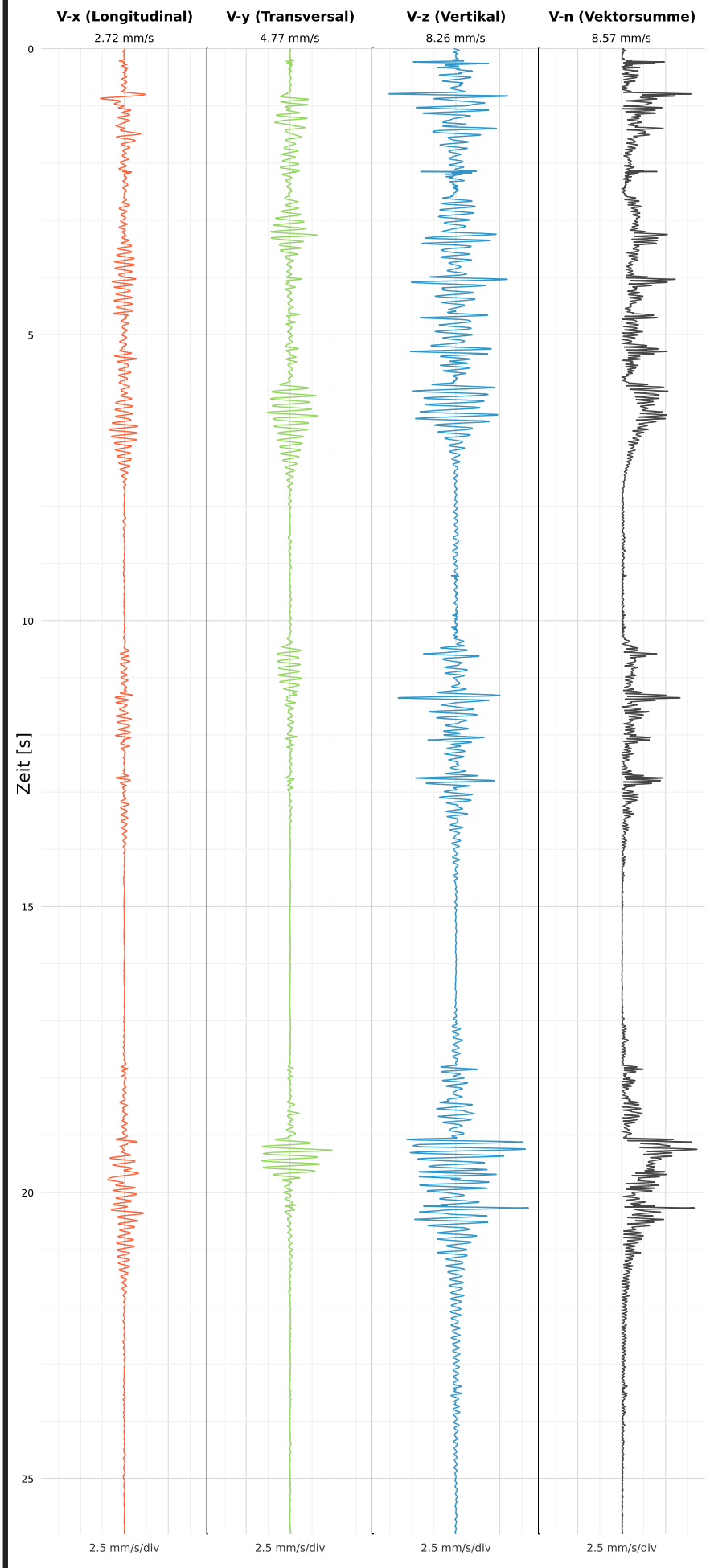
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

Rhönhallenstraße 6

SCHWINGGESCHWINDIGKEIT



DATEI: 2434-25082026-094817_raw.csv

Aufzeichnungsdauer: 25.97 s | Abtastrate: 1000 Hz

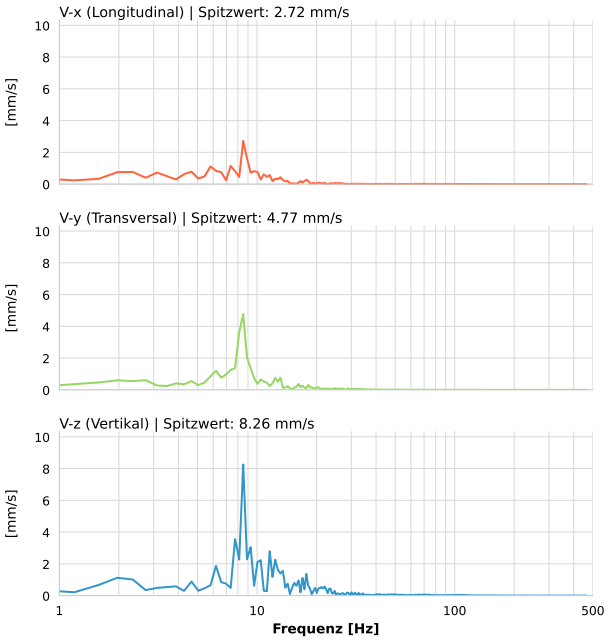
Datum:	25.08.2026
Zeit:	09:48:17
Event-ID:	2434-25082026-094817
Kalibrier Datum:	10.07.2025

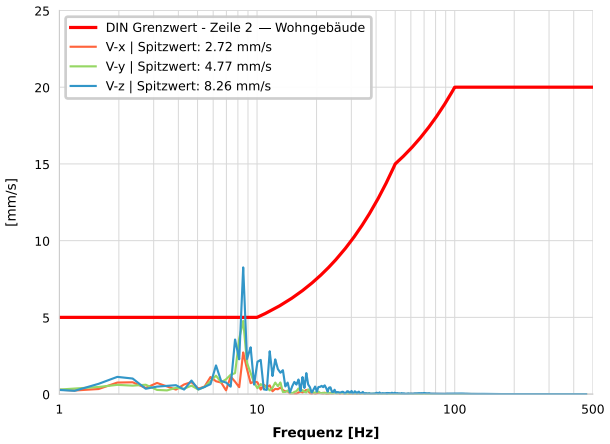
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
2.72 mm/s	4.77 mm/s	8.26 mm/s
8.8 Hz	8.0 Hz	8.4 Hz
54.37% von Limit	95.45% von Limit	165.18% von Limit

V-n (Vektorsumme): 8.57 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	2.72 mm/s	5.4 Hz	8.5 Hz	11.6 Hz
Y	4.77 mm/s	7.0 Hz	8.5 Hz	12.0 Hz
Z	8.26 mm/s	8.5 Hz	11.6 Hz	18.1 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)