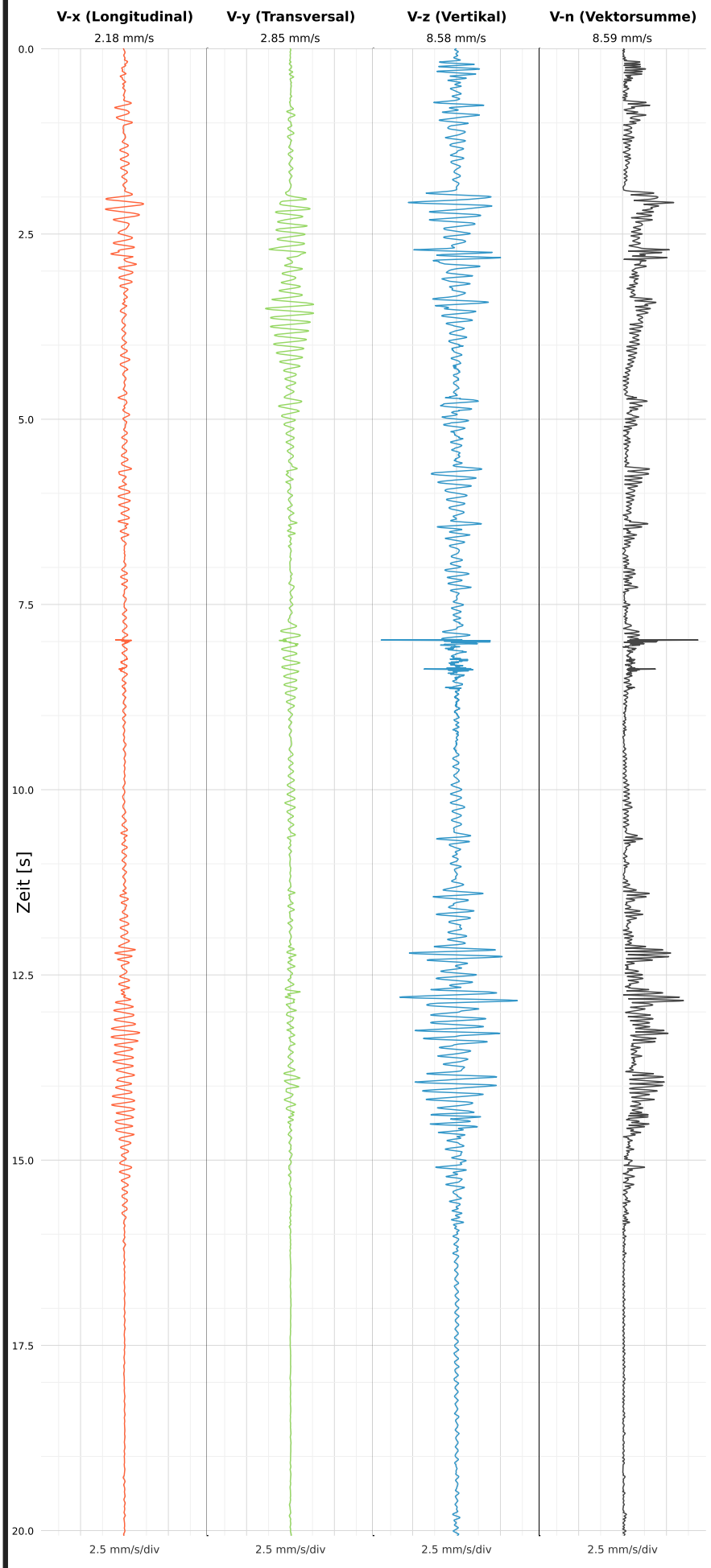
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

Rhönhallenstraße 6

SCHWINGGESCHWINDIGKEIT



DATEI: 2434-25082026-103423_raw.csv

Aufzeichnungsdauer: 20.06 s | Abtastrate: 1000 Hz

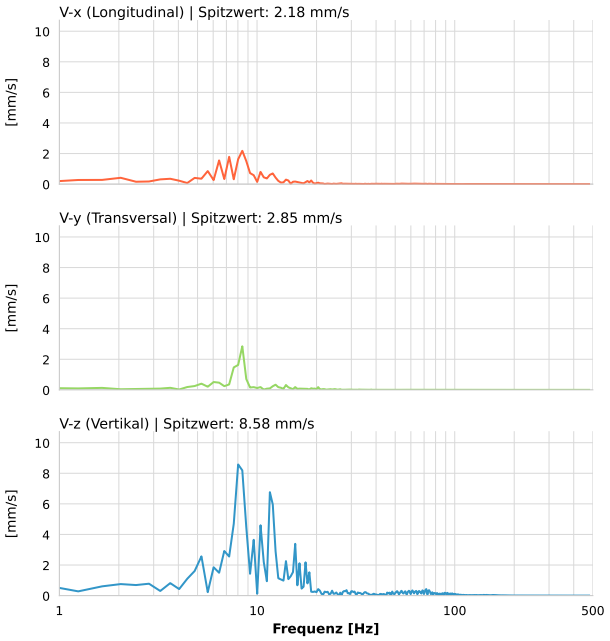
Datum:	25.08.2026
Zeit:	10:34:23
Event-ID:	2434-25082026-103423
Kalibrier Datum:	10.07.2025

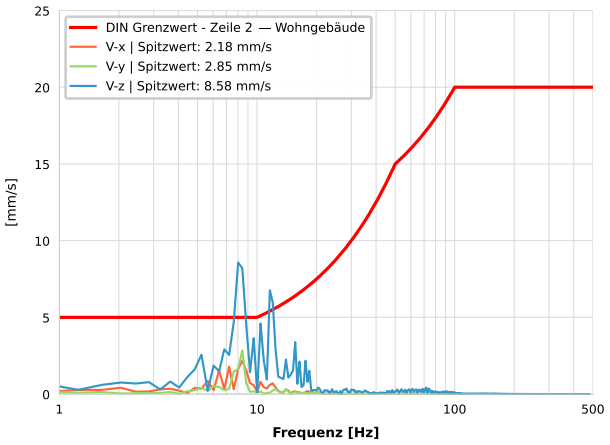
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
2.18 mm/s	2.85 mm/s	8.58 mm/s
8.8 Hz	8.5 Hz	8.8 Hz
43.58% von Limit	57.00% von Limit	171.54% von Limit

V-n (Vektorsumme): 8.59 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	2.18 mm/s	7.2 Hz	8.8 Hz	14.4 Hz
Y	2.85 mm/s	7.6 Hz	8.4 Hz	13.2 Hz
Z	8.58 mm/s	8.4 Hz	12.0 Hz	33.1 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)