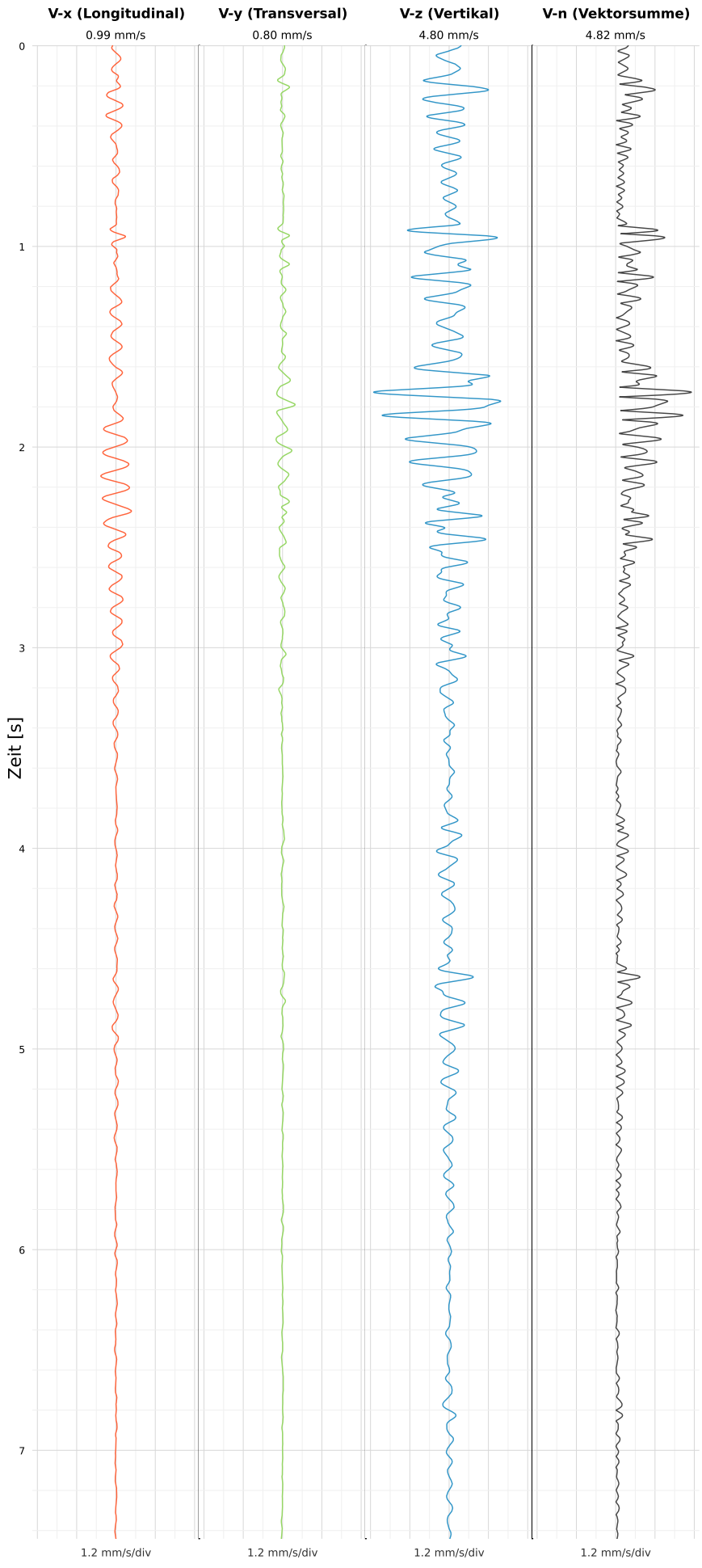
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

Rhönhallenstraße 6

SCHWINGGESCHWINDIGKEIT



DATEI: 2434-25082026-094957_raw.csv

Aufzeichnungsdauer: 7.44 s | Abtastrate: 1000 Hz

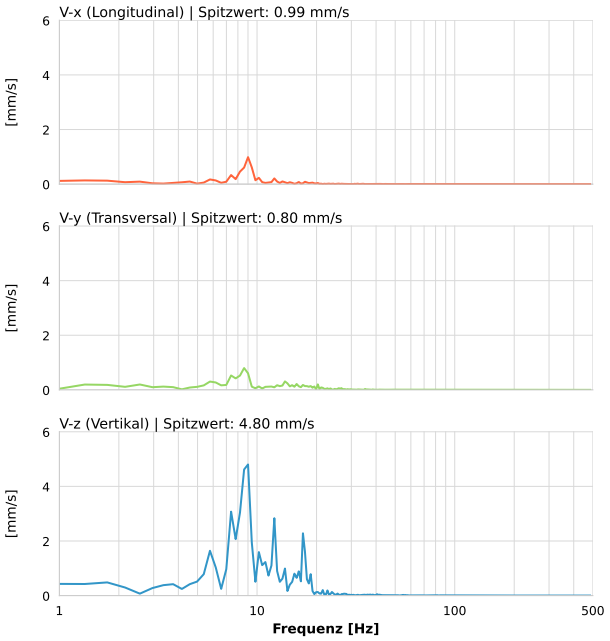
Datum:	25.08.2026
Zeit:	09:49:57
Event-ID:	2434-25082026-094957
Kalibrier Datum:	10.07.2025

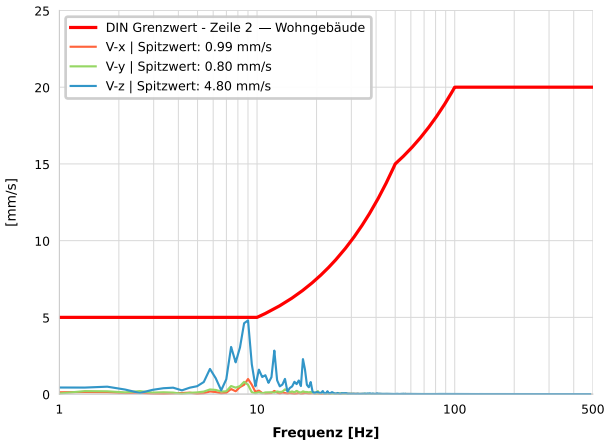
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
0.99 mm/s	0.80 mm/s	4.80 mm/s
8.9 Hz	8.7 Hz	8.7 Hz
19.75% von Limit	15.98% von Limit	96.06% von Limit

V-n (Vektorsumme): 4.82 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	0.99 mm/s	7.8 Hz	9.0 Hz	13.4 Hz
Y	0.80 mm/s	7.4 Hz	11.0 Hz	18.7 Hz
Z	4.80 mm/s	8.2 Hz	9.4 Hz	15.9 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)