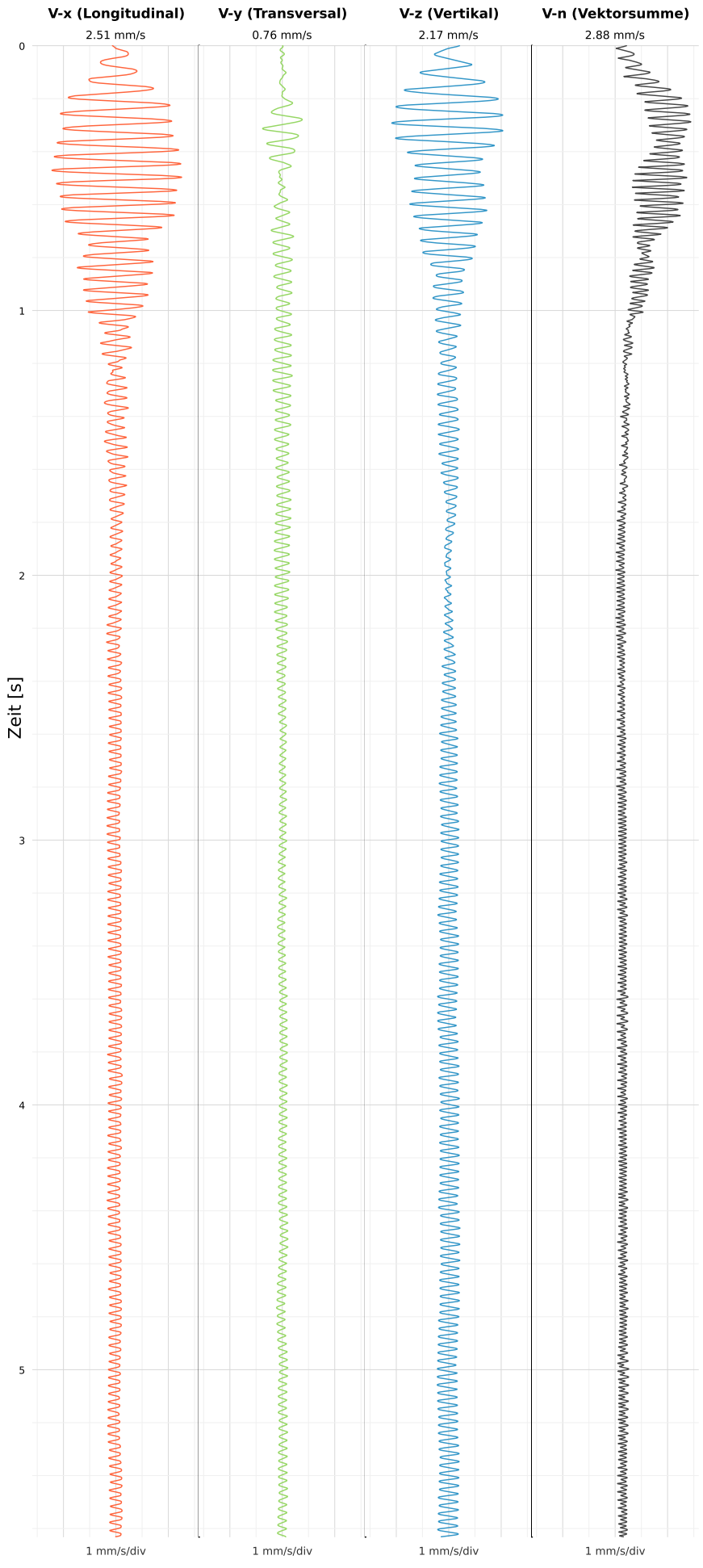
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

97840 Hafenlohr

Hauptstraße 49

SCHWINGGESCHWINDIGKEIT



DATEI: 2494-HF49-06082026-143223_raw.csv

Aufzeichnungsdauer: 5.63 s | Abtastrate: 1000 Hz

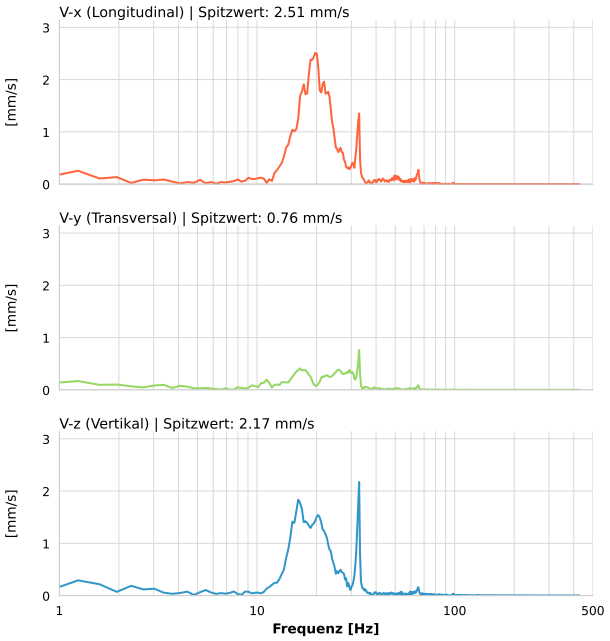
Datum:	06.08.2026
Zeit:	14:32:23
Event-ID:	2494-HF49-06082026-143223
Kalibrier Datum:	10.07.2025

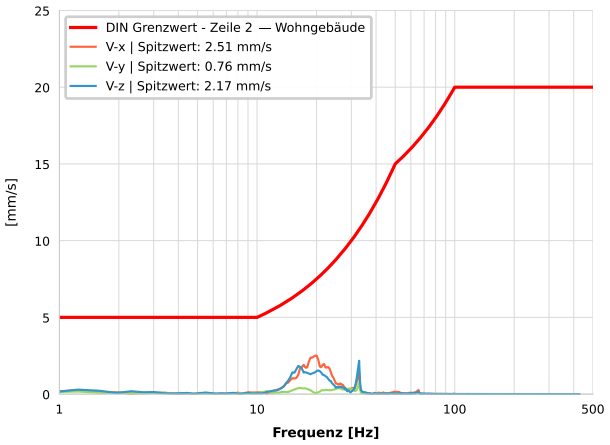
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
2.51 mm/s	0.76 mm/s	2.17 mm/s
19.9 Hz	32.7 Hz	32.7 Hz
33.58% von Limit	7.14% von Limit	20.38% von Limit

V-n (Vektorsumme): 2.88 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	2.51 mm/s	17.9 Hz	21.1 Hz	26.8 Hz
Y	0.76 mm/s	17.2 Hz	25.4 Hz	31.4 Hz
Z	2.17 mm/s	16.9 Hz	21.1 Hz	31.8 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)