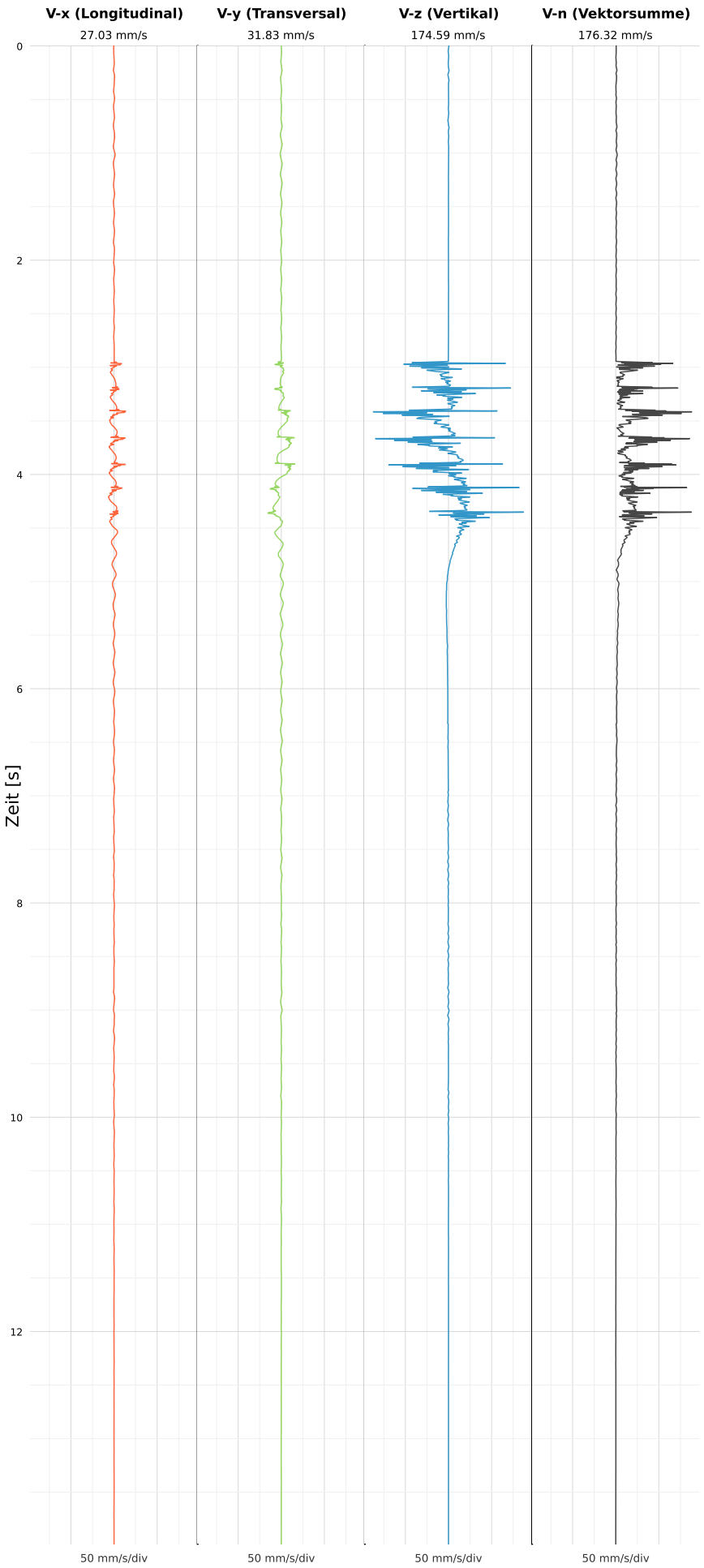
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

64372 Ober-Ramstadt. Wembach

Pragelatostraße 14

SCHWINGGESCHWINDIGKEIT



DATEI: 2492-PG14-16052026-154540_raw.csv

Aufzeichnungsdauer: 13.98 s | Abtastrate: 1000 Hz

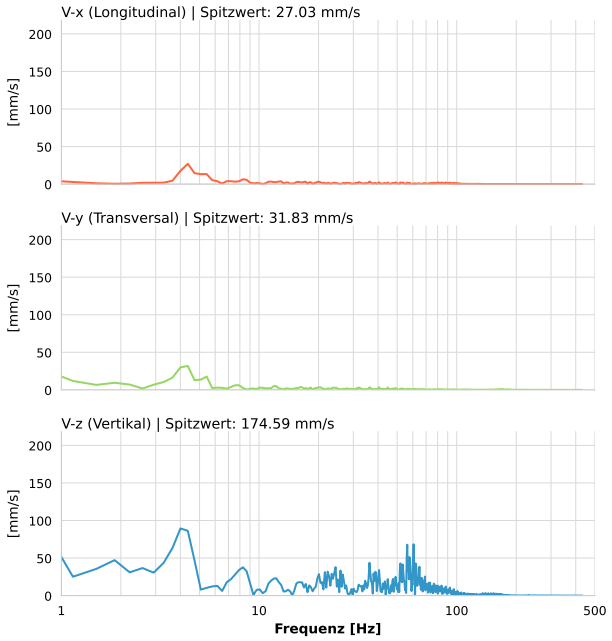
Datum:	16.05.2026
Zeit:	15:45:40
Event-ID:	2492-PG14-16052026-154540
Kalibrier Datum:	12.07.2025

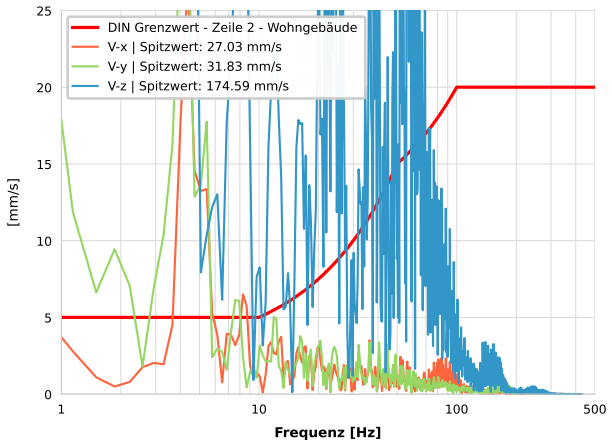
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
27.03 mm/s	31.83 mm/s	174.59 mm/s
4.5 Hz	4.2 Hz	0.4 Hz
540.69% von Limit	636.66% von Limit	3491.78% von Limit

V-n (Vektorsumme): 176.32 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	27.03 mm/s	7.9 Hz	35.5 Hz	80.9 Hz
Y	31.83 mm/s	4.4 Hz	19.4 Hz	65.1 Hz
Z	174.59 mm/s	16.2 Hz	46.6 Hz	64.8 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)