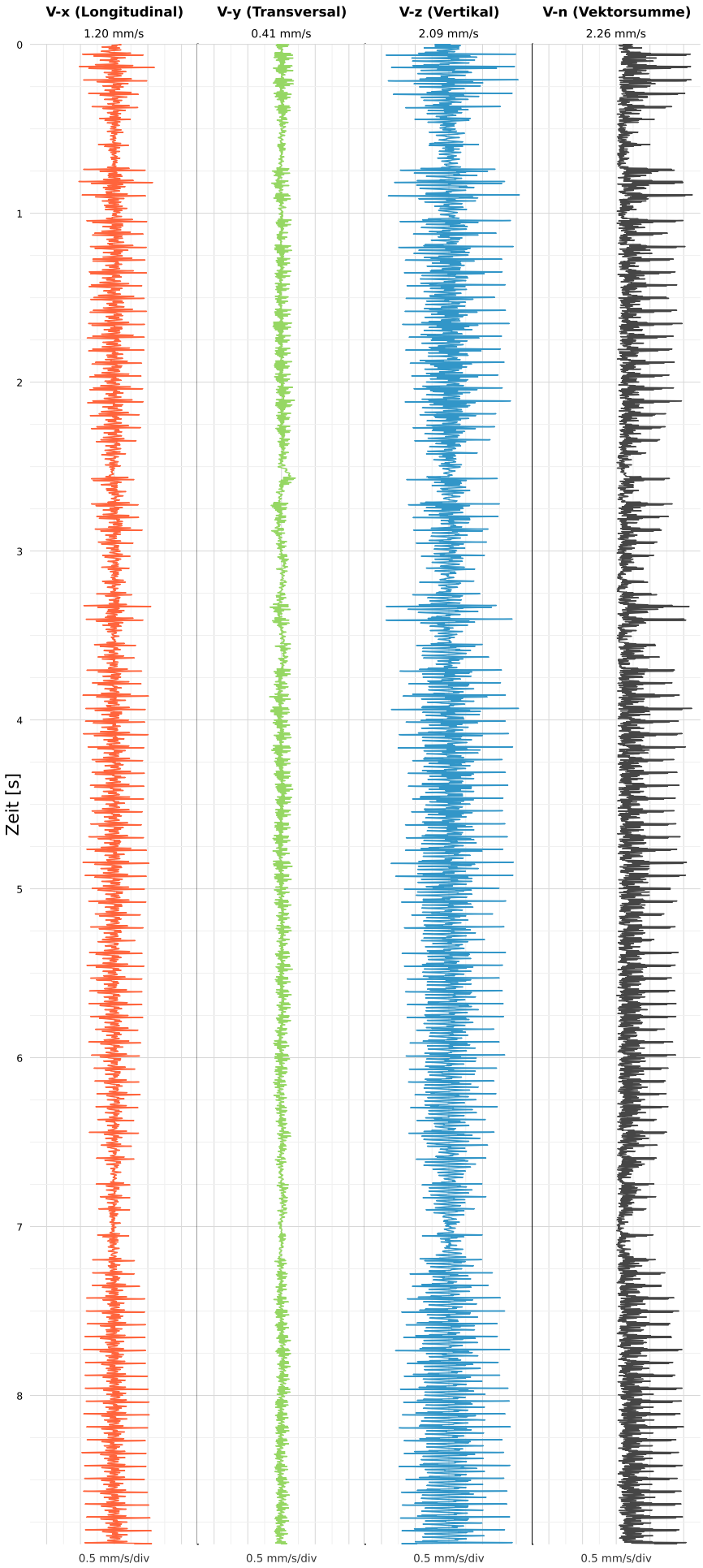
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

64372 Ober-Ramstadt. Wembach

Pragelatostraße 14

SCHWINGGESCHWINDIGKEIT



DATEI: 2492-PG14-26052026-152416_raw.csv

Aufzeichnungsdauer: 8.88 s | Abtastrate: 1000 Hz

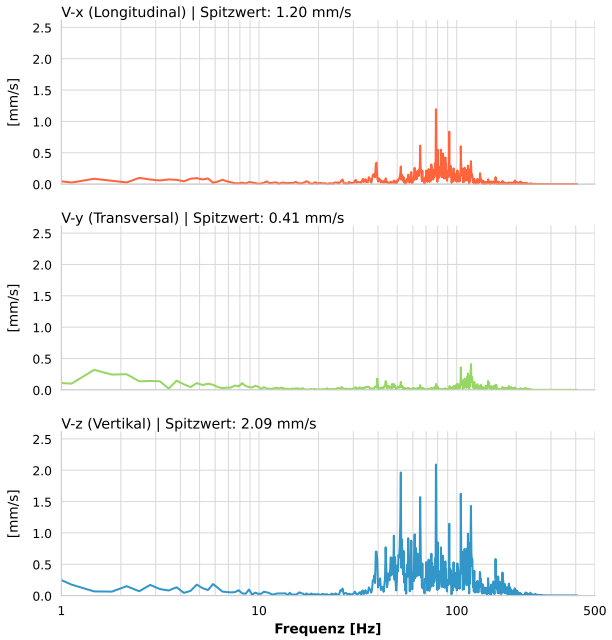
Datum:	26.05.2026
Zeit:	15:24:16
Event-ID:	2492-PG14-26052026-152416
Kalibrier Datum:	12.07.2025

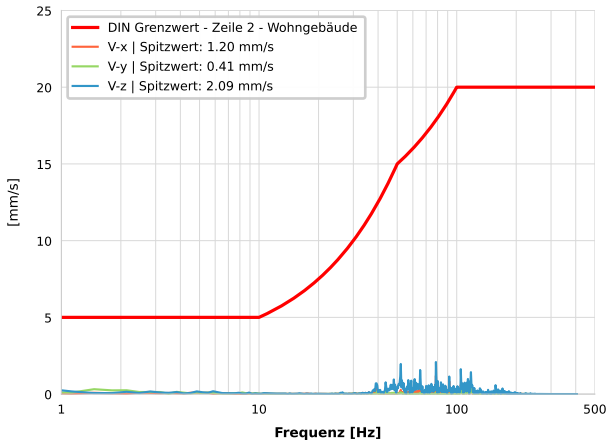
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
1.20 mm/s	0.41 mm/s	2.09 mm/s
78.7 Hz	39.5 Hz	52.6 Hz
6.69% von Limit	3.32% von Limit	13.71% von Limit

V-n (Vektorsumme): 2.26 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	1.20 mm/s	65.3 Hz	85.6 Hz	109.6 Hz
Y	0.41 mm/s	47.4 Hz	109.2 Hz	130.9 Hz
Z	2.09 mm/s	58.9 Hz	87.6 Hz	118.0 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)