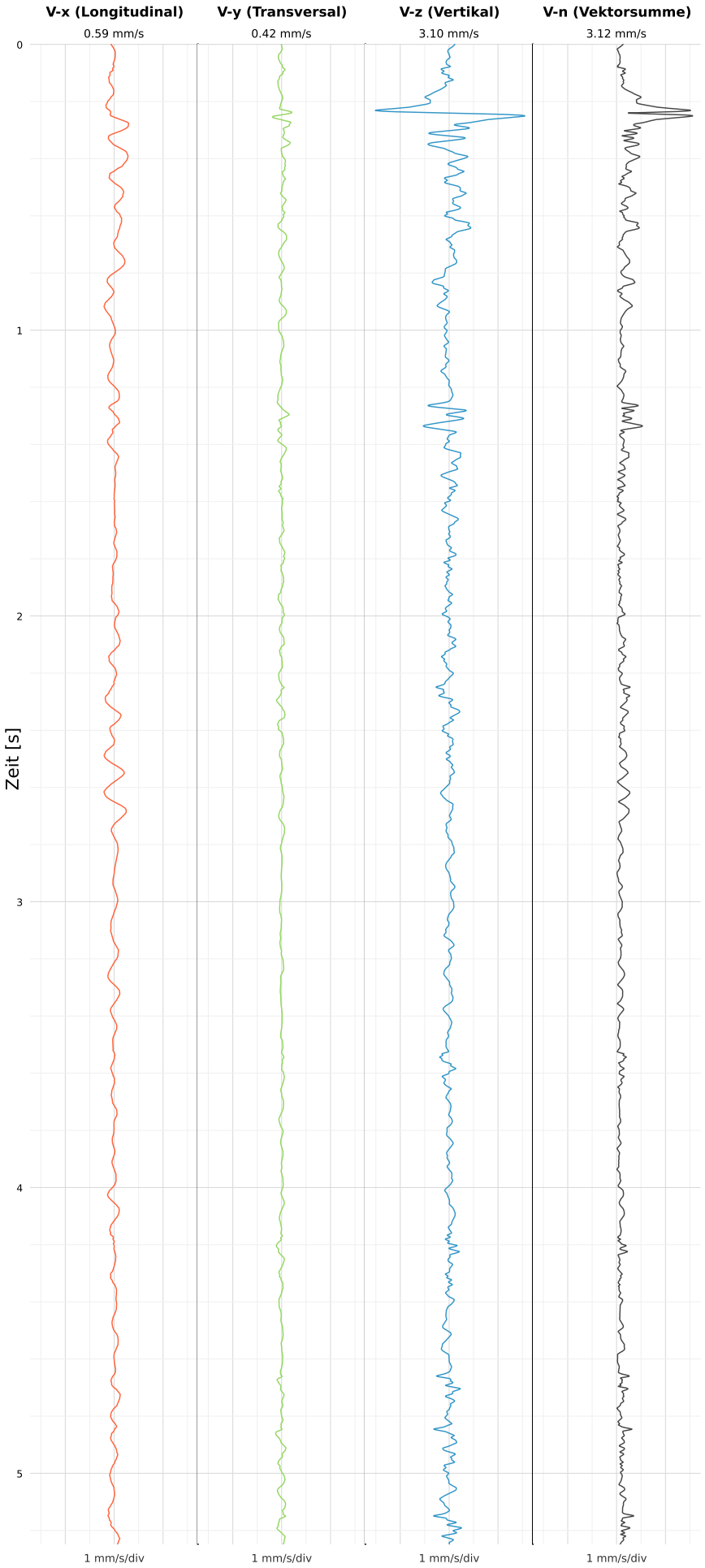
Einzelereignisprotokoll gemäß DIN 4150-3

91790 Nennslingen, Wengen

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

Wengen 14

SCHWINGGESCHWINDIGKEIT



DATEI: 2495-WG14-21052026-215901_raw.csv

Aufzeichnungsdauer: 5.25 s | Abtastrate: 1000 Hz

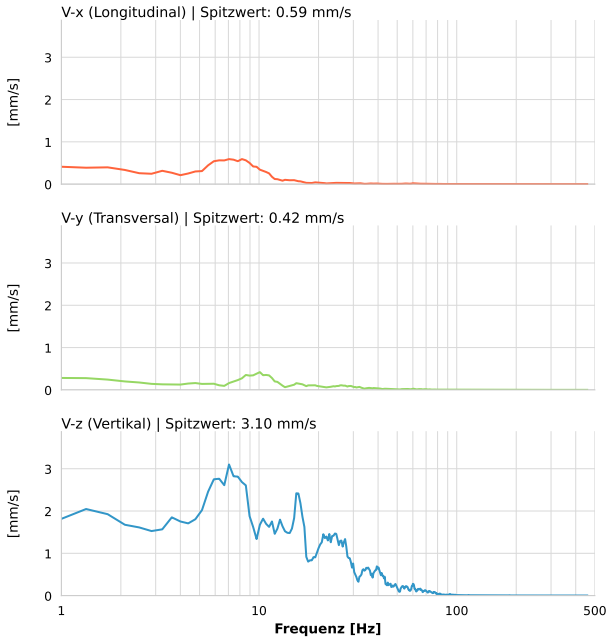
Datum:	21.05.2026
Zeit:	21:59:01
Event-ID:	2495-WG14-21052026-215901
Kalibrier Datum:	12.07.2025

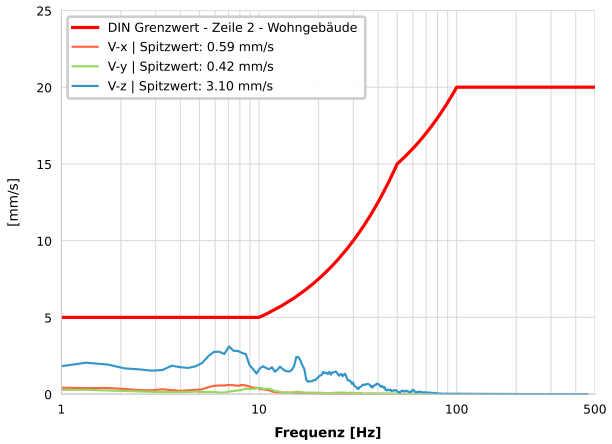
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
0.59 mm/s	0.42 mm/s	3.10 mm/s
8.8 Hz	10.5 Hz	7.8 Hz
11.84% von Limit	8.20% von Limit	62.02% von Limit

V-n (Vektorsumme): 3.12 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	0.59 mm/s	5.1 Hz	8.2 Hz	13.5 Hz
Y	0.42 mm/s	8.2 Hz	13.5 Hz	29.2 Hz
Z	3.10 mm/s	7.8 Hz	16.2 Hz	28.4 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)