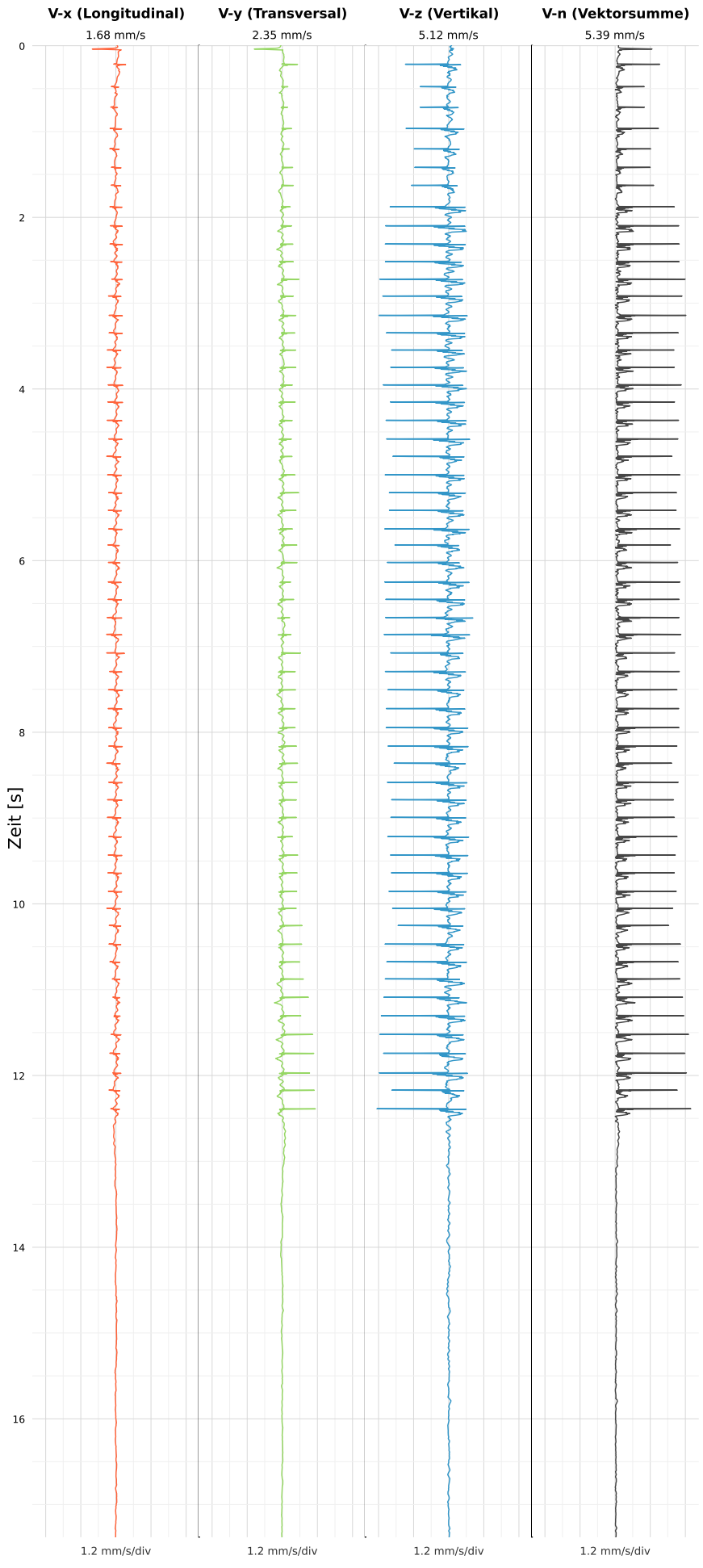
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

Rhönhallenstraße 6

SCHWINGGESCHWINDIGKEIT



DATEI: 2434-25082026-004635_raw.csv

Aufzeichnungsdauer: 17.38 s | Abtastrate: 1000 Hz

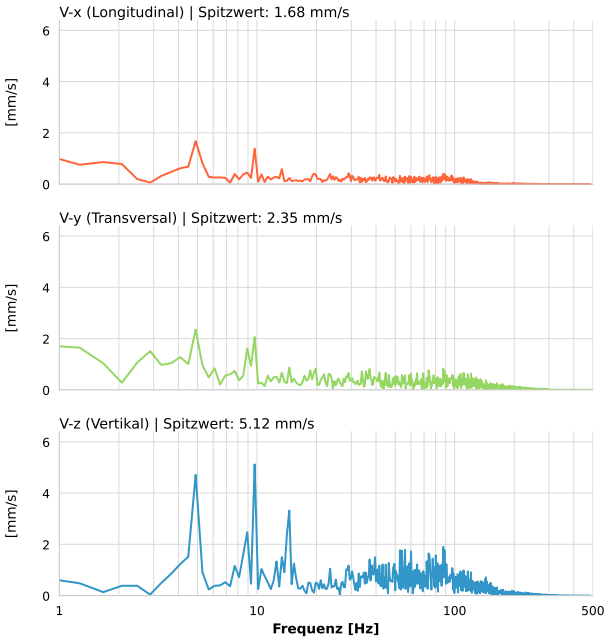
Datum:	25.08.2026
Zeit:	00:46:35
Event-ID:	2434-25082026-004635
Kalibrier Datum:	10.07.2025

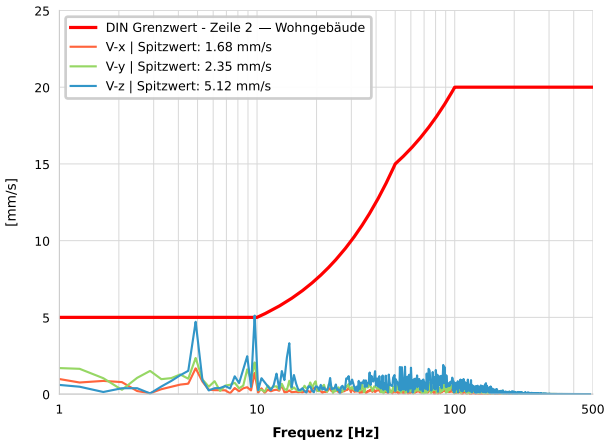
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
1.68 mm/s	2.35 mm/s	5.12 mm/s
4.8 Hz	4.8 Hz	4.8 Hz
33.61% von Limit	47.08% von Limit	102.32% von Limit

V-n (Vektorsumme): 5.39 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	1.68 mm/s	18.2 Hz	54.0 Hz	92.7 Hz
Y	2.35 mm/s	23.0 Hz	71.0 Hz	118.9 Hz
Z	5.12 mm/s	36.3 Hz	73.4 Hz	107.6 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)