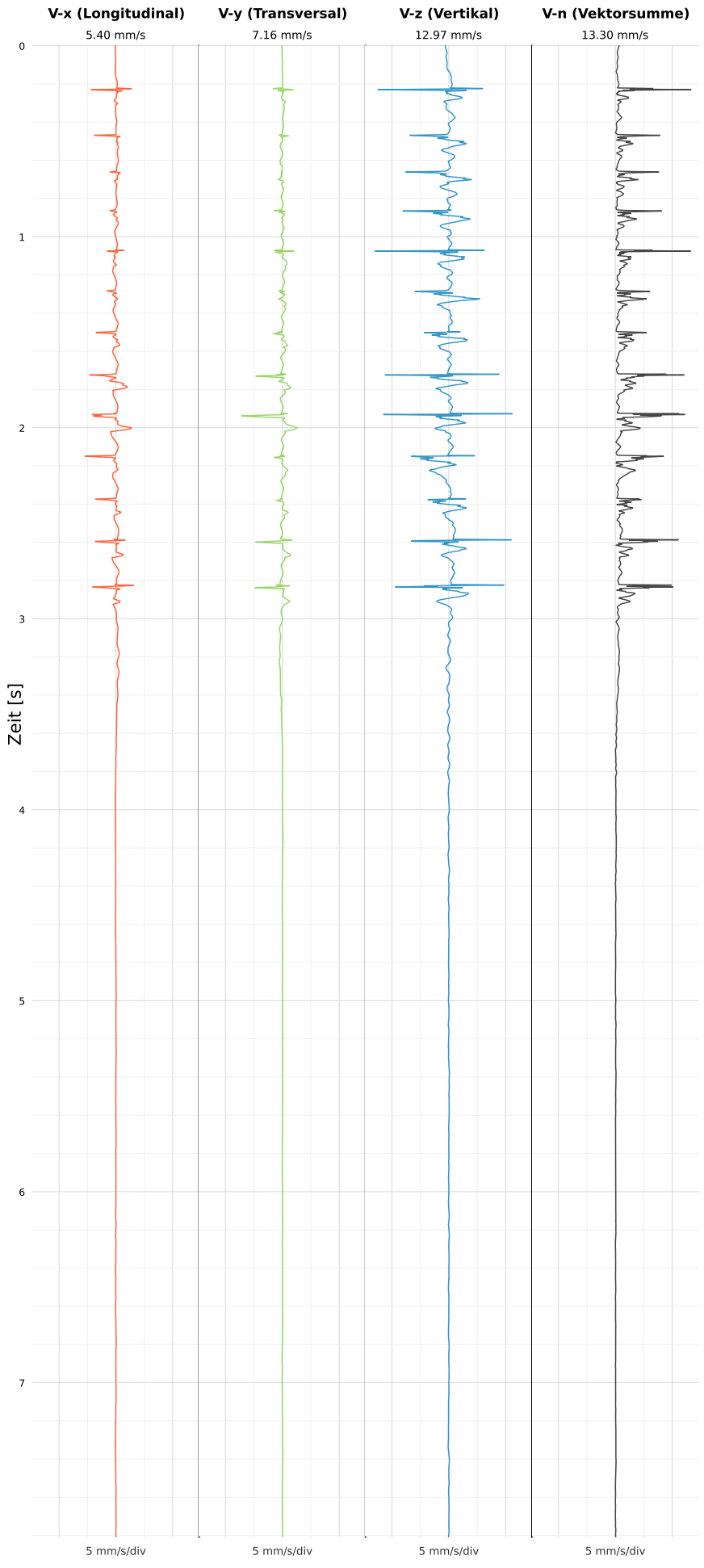
Einzelereignisprotokoll gemäß DIN 4150-3

Triaxiale MEMS-MQTT Messtechnik VSEW-MK4

Rhönhallenstraße 6

SCHWINGGESCHWINDIGKEIT



DATEI: 2434-25082026-005403_raw.csv

Aufzeichnungsdauer: 7.81 s | Abtastrate: 1000 Hz

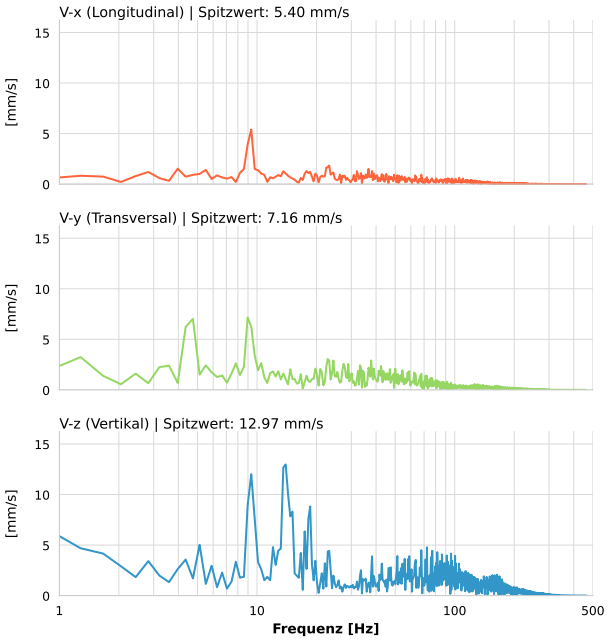
Datum:	25.08.2026
Zeit:	00:54:03
Event-ID:	2434-25082026-005403
Kalibrier Datum:	10.07.2025

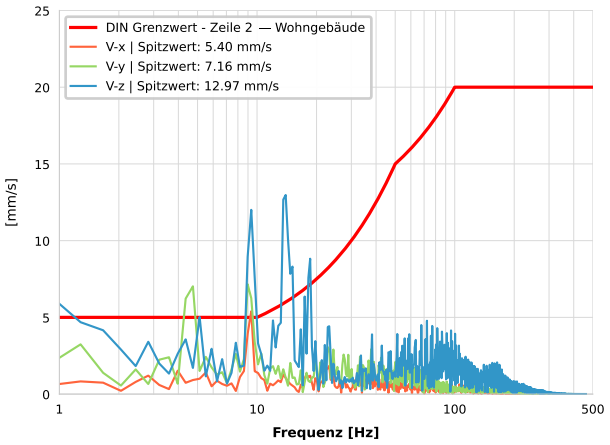
Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
5.40 mm/s	7.16 mm/s	12.97 mm/s
9.2 Hz	4.6 Hz	9.2 Hz
107.99% von Limit	143.14% von Limit	259.48% von Limit

V-n (Vektorsumme): 13.30 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	5.40 mm/s	19.7 Hz	47.0 Hz	97.0 Hz
Y	7.16 mm/s	17.4 Hz	42.4 Hz	80.4 Hz
Z	12.97 mm/s	23.2 Hz	77.0 Hz	128.5 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)