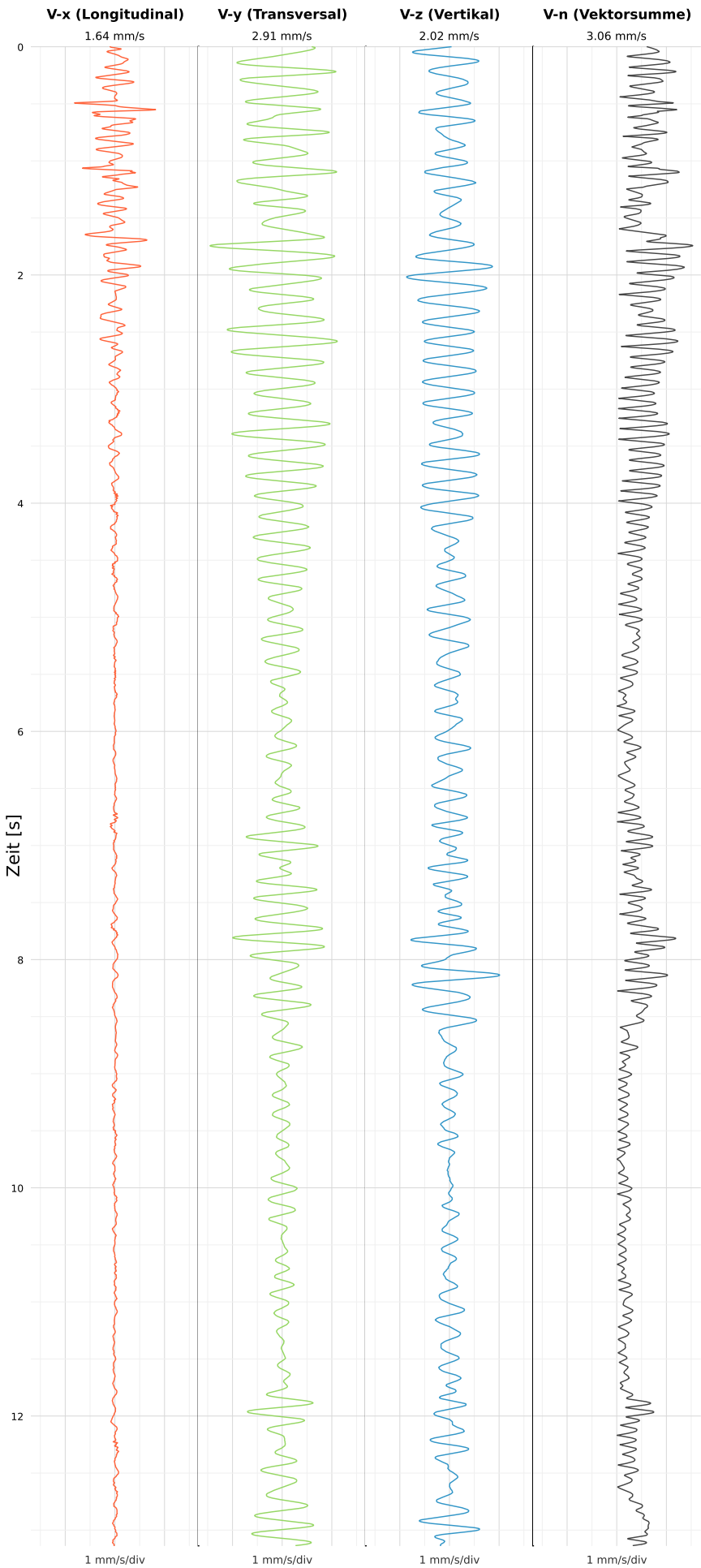


SCHWINGGESCHWINDIGKEIT



Zeit [s]

0

2

4

6

8

10

12

1 mm/s/div

1 mm/s/div

1 mm/s/div

1 mm/s/div

DATEI: 2493-PG4-17052026-115303\_raw.csv

Aufzeichnungsdauer: 13.14 s | Abtastrate: 1000 Hz

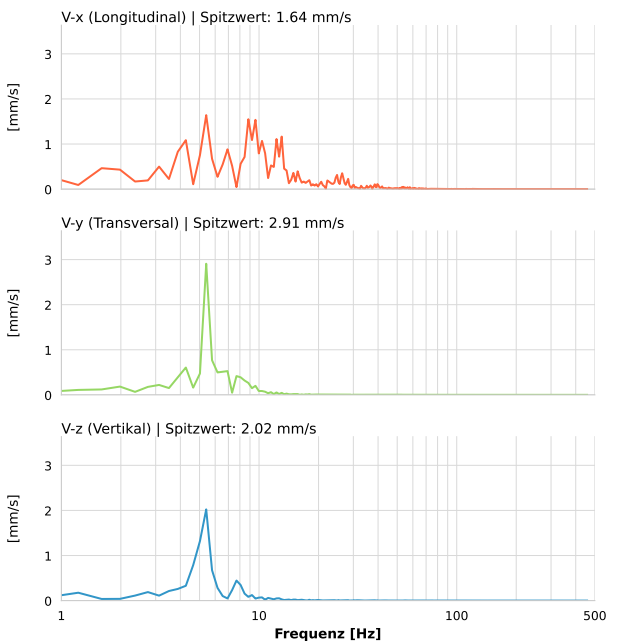
|                  |                          |
|------------------|--------------------------|
| Datum:           | 17.05.2026               |
| Zeit:            | 11:53:03                 |
| Event-ID:        | 2493-PG4-17052026-115303 |
| Kalibrier Datum: | 12.07.2025               |

Spitzwerte

| V-x (Longitudinal) | V-y (Transversal) | V-z (Vertikal)   |
|--------------------|-------------------|------------------|
| 1.64 mm/s          | 2.91 mm/s         | 2.02 mm/s        |
| 5.5 Hz             | 5.5 Hz            | 5.5 Hz           |
| 32.82% von Limit   | 58.17% von Limit  | 40.47% von Limit |

V-n (Vektorsumme): 3.06 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



[mm/s]

3

2

1

0

1

10

100

500

Frequenz [Hz]

| Kanal | Spitzwert | Spektrum 25% | Spektrum 50% | Spektrum 75% |
|-------|-----------|--------------|--------------|--------------|
| X     | 1.64 mm/s | 6.5 Hz       | 10.4 Hz      | 17.6 Hz      |
| Y     | 2.91 mm/s | 5.4 Hz       | 5.4 Hz       | 8.1 Hz       |
| Z     | 2.02 mm/s | 5.0 Hz       | 5.4 Hz       | 7.7 Hz       |

SPEKTRALANALYSE - FFT (DIN 4150-3)

