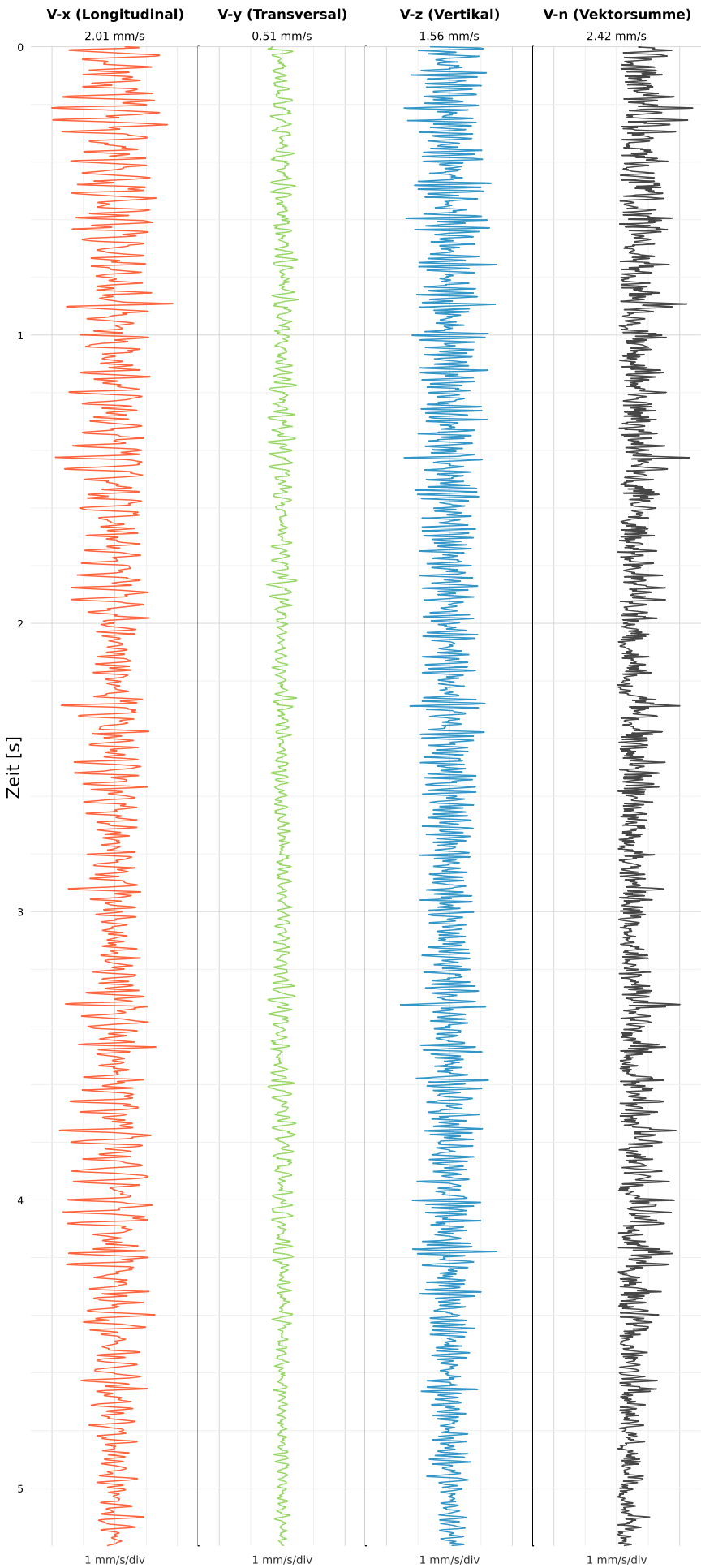


SCHWINGGESCHWINDIGKEIT



Zeit [s]

0

1

2

3

4

5

1 mm/s/div

1 mm/s/div

1 mm/s/div

1 mm/s/div

DATEI: 2492-PG14-11062026-080206_raw.csv

Aufzeichnungsdauer: 5.20 s | Abtastrate: 1000 Hz

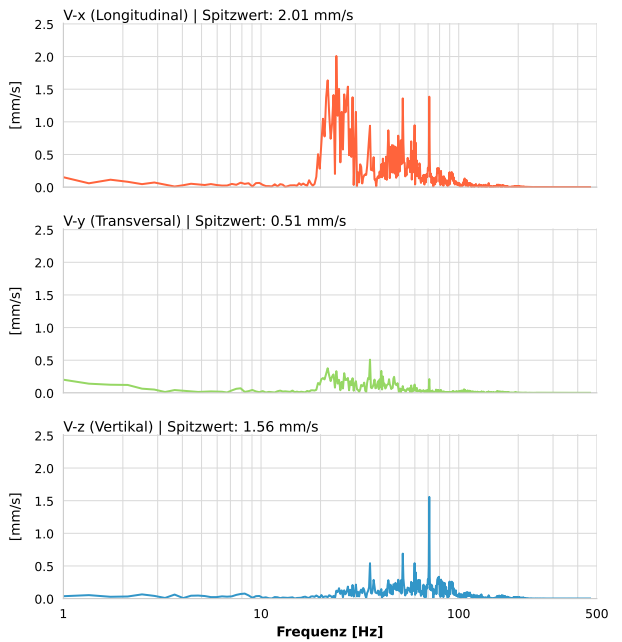
Datum:	11.06.2026
Zeit:	08:02:06
Event-ID:	2492-PG14-11062026-080206
Kalibrier Datum:	12.07.2025

Spitzwerte

V-x (Longitudinal)	V-y (Transversal)	V-z (Vertikal)
2.01 mm/s	0.51 mm/s	1.56 mm/s
30.4 Hz	35.6 Hz	71.0 Hz
19.90% von Limit	4.47% von Limit	9.11% von Limit

V-n (Vektorsumme): 2.42 mm/s

SPEKTRALANALYSE - KOMPONENTEN FFT



2.5

2.0

1.5

1.0

0.5

0.0

[mm/s]

1

10

100

500

Frequenz [Hz]

2.5

2.0

1.5

1.0

0.5

0.0

[mm/s]

1

10

100

500

Frequenz [Hz]

2.5

2.0

1.5

1.0

0.5

0.0

[mm/s]

1

10

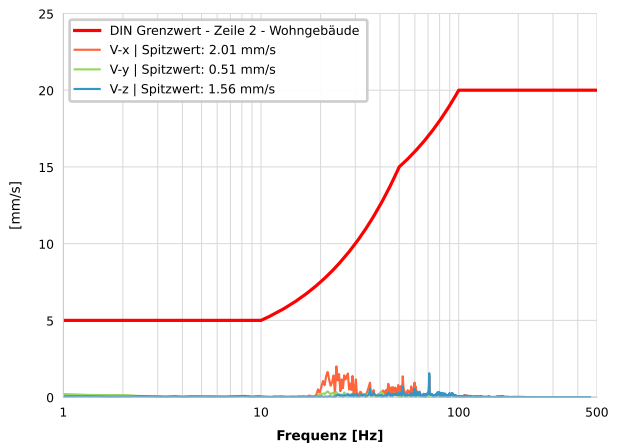
100

500

Frequenz [Hz]

Kanal	Spitzwert	Spektrum 25%	Spektrum 50%	Spektrum 75%
X	2.01 mm/s	26.3 Hz	44.0 Hz	62.5 Hz
Y	0.51 mm/s	24.8 Hz	39.8 Hz	65.2 Hz
Z	1.56 mm/s	48.7 Hz	70.2 Hz	91.0 Hz

SPEKTRALANALYSE - FFT (DIN 4150-3)



25

20

15

10

5

0

[mm/s]

1

10

100

500

Frequenz [Hz]