

ANALYSIS REPORT



Date: 2025-03-26 UTC-5

Project: Vibração de Solo - Braskem

Data interval: 2025-01-07 15:15:13 to 2025-01-07 15:16:37 UTC-3

Client: AGILE - BRASKEM

Location: Maceió - AL

Notes:

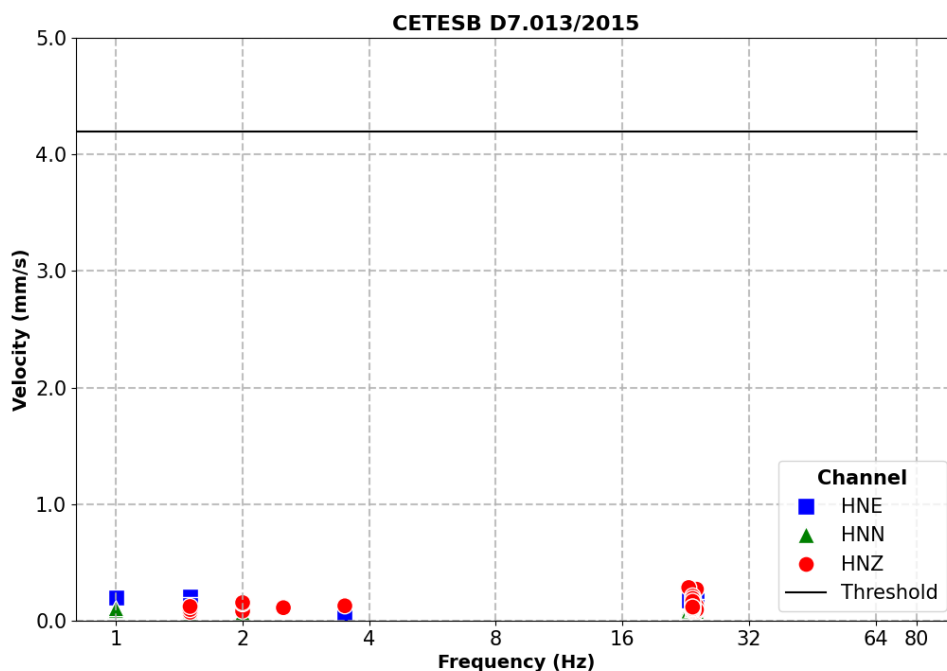
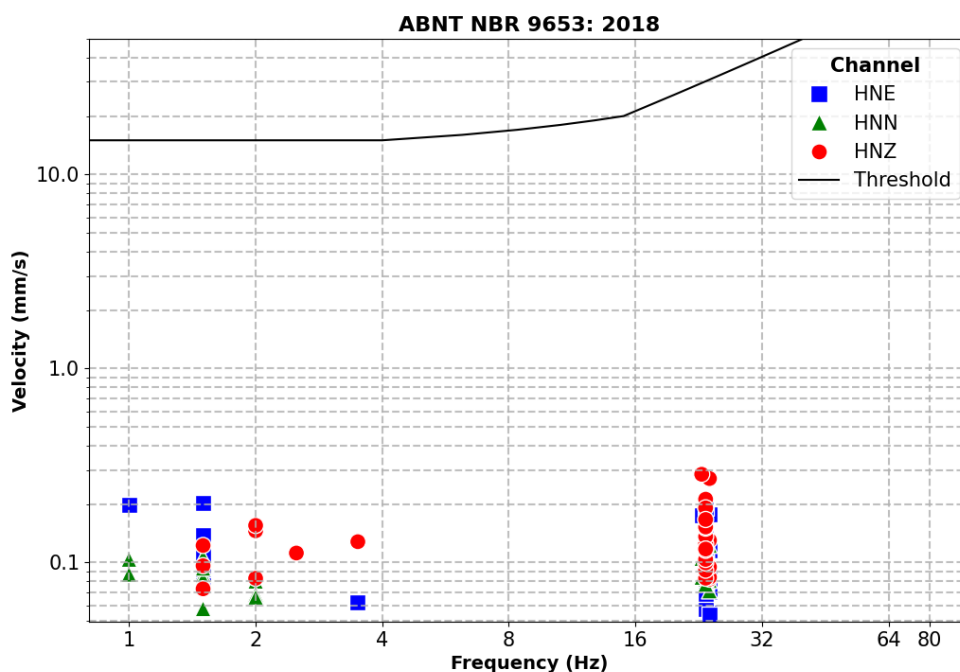
Continuos Vibration Data

	HNE	HNN	HNZ
PPA (g)	0.009	0.006	0.007
PPV (mm/s)	0.203	0.144	0.285
PPD (mm)	0.024	0.033	0.042
FREQ (Hz)	1.5	23.5	23.0

Sample Rate: 250 Hz

Window Size: 3.0 seg

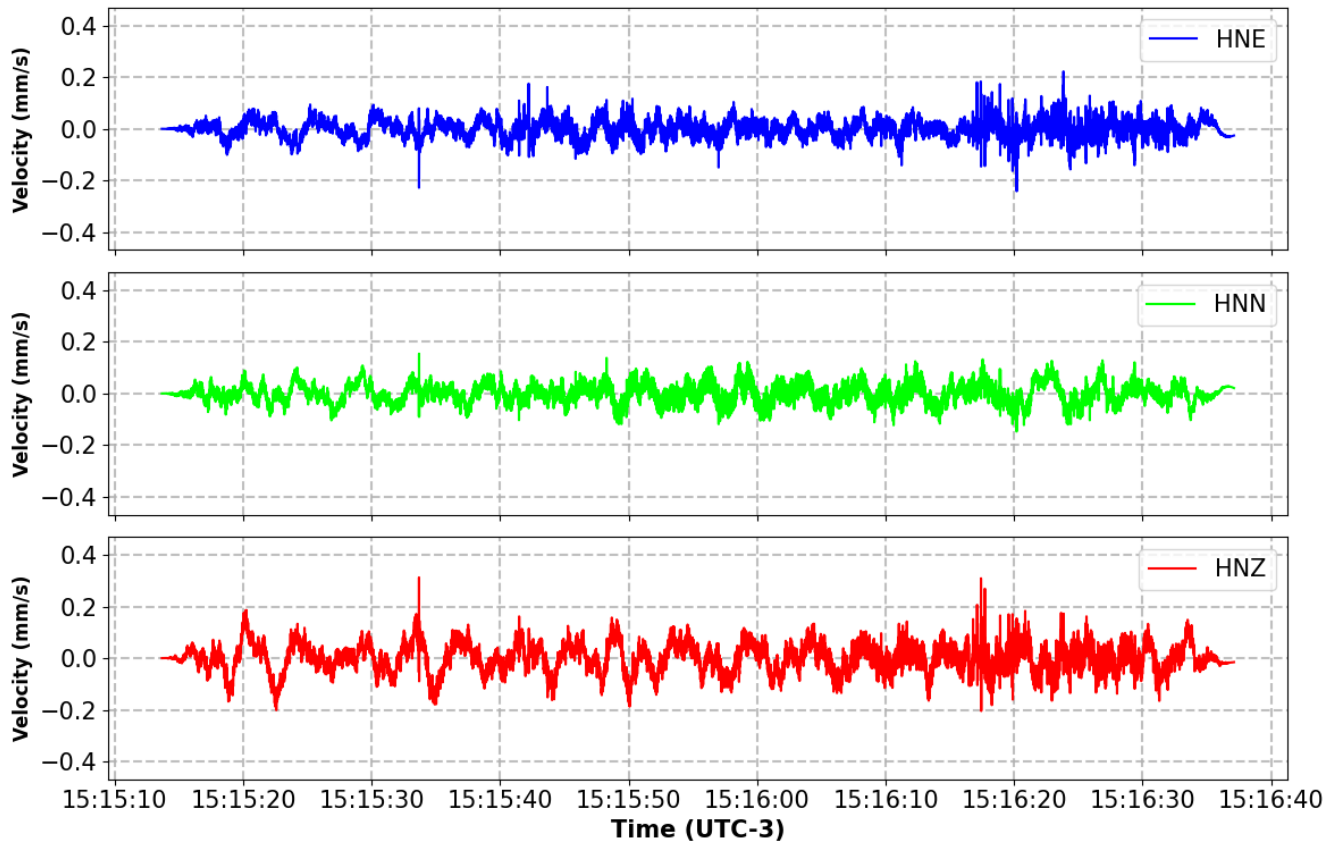
Serial: ME 379



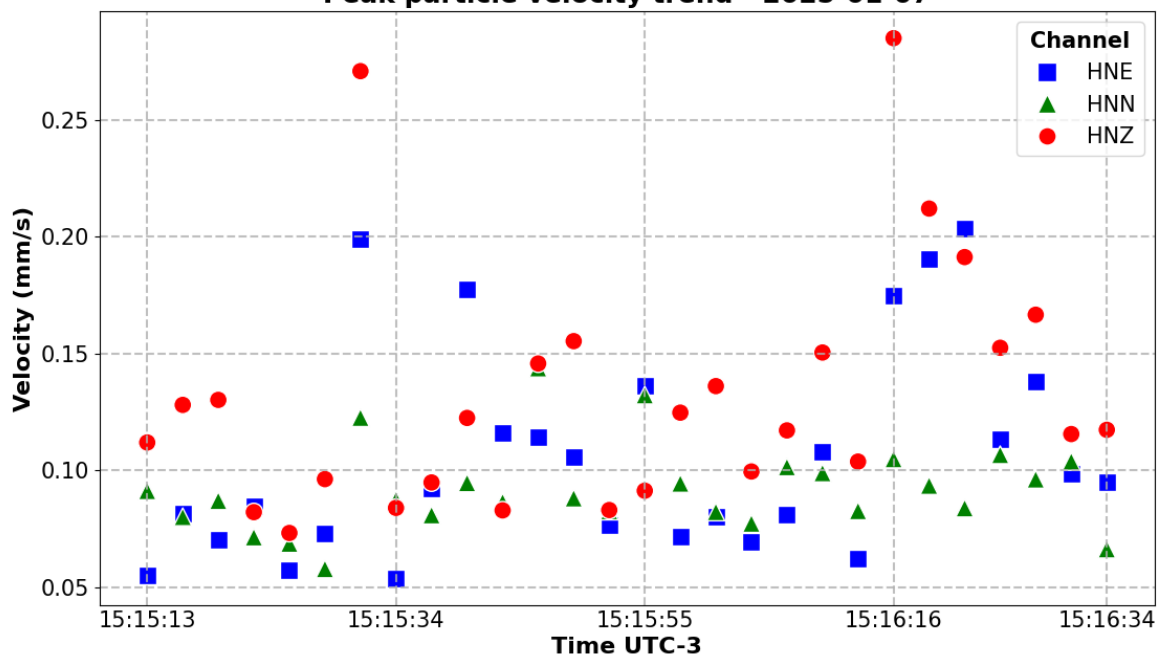
PARTICLE VELOCITY ANALYSIS



Signals over time (velocity)



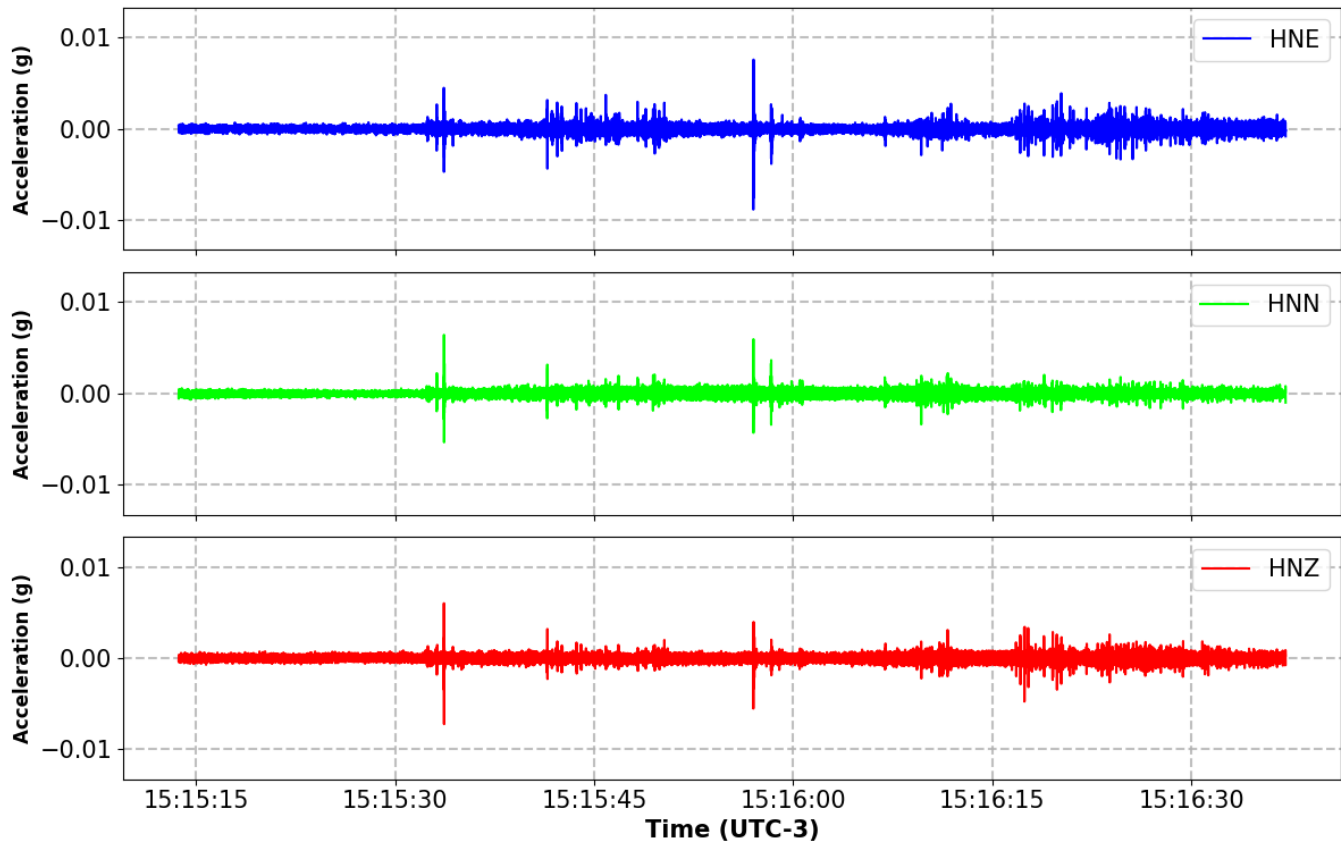
Peak particle velocity trend - 2025-01-07



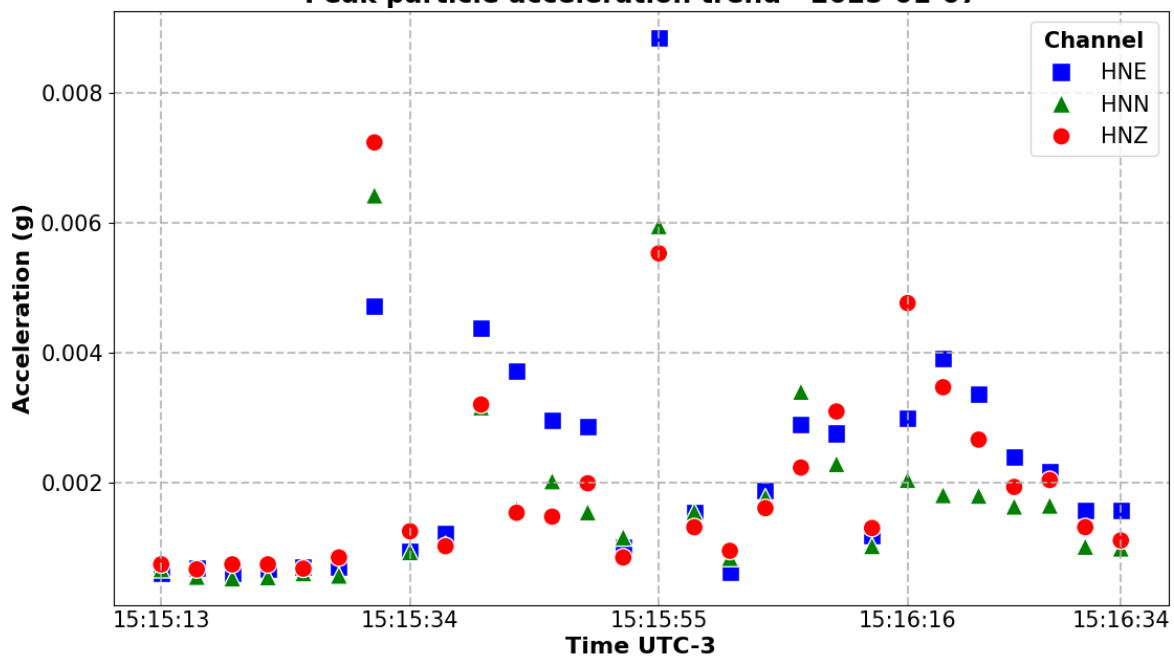
PARTICLE ACCELERATION ANALYSIS



Signals over time (acceleration)



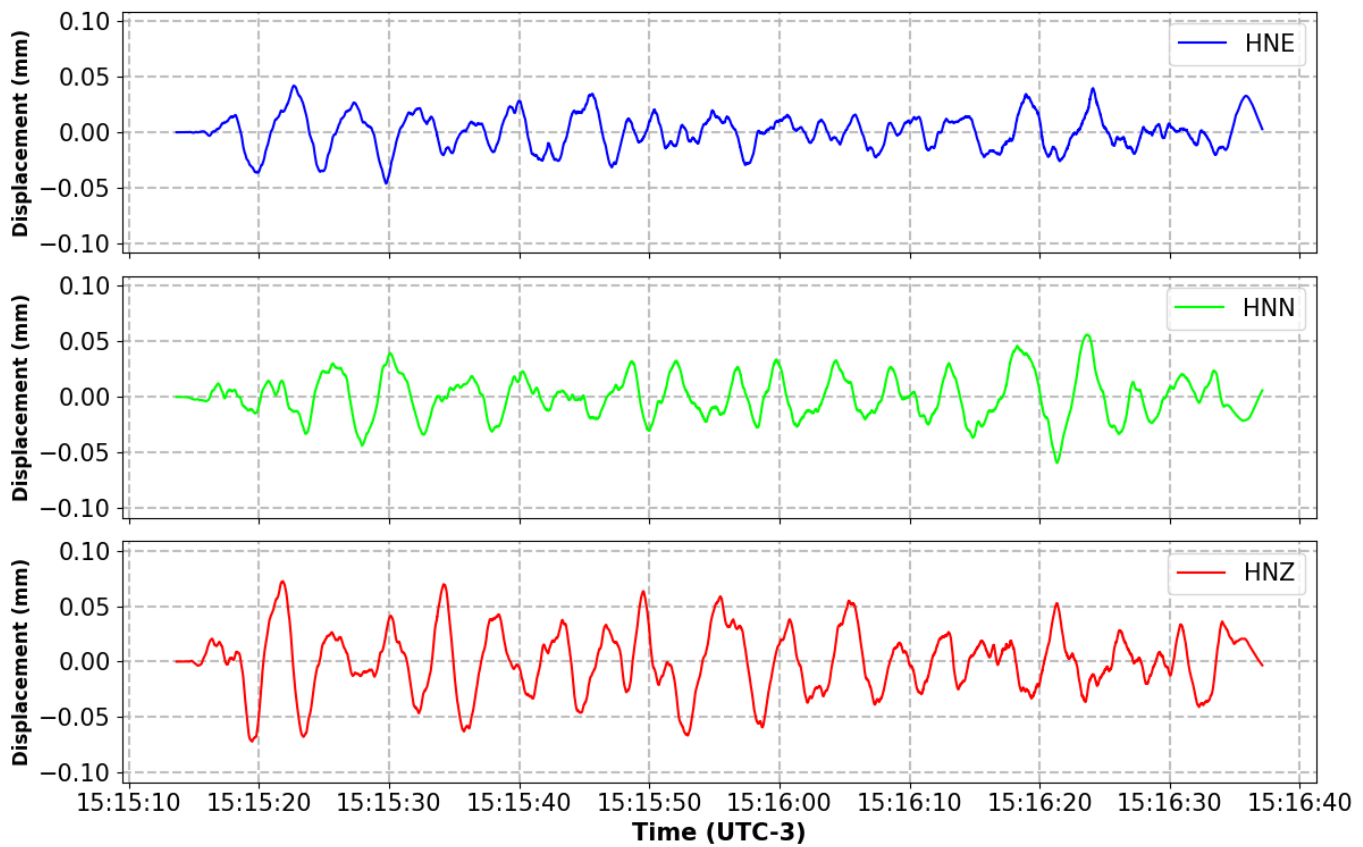
Peak particle acceleration trend - 2025-01-07



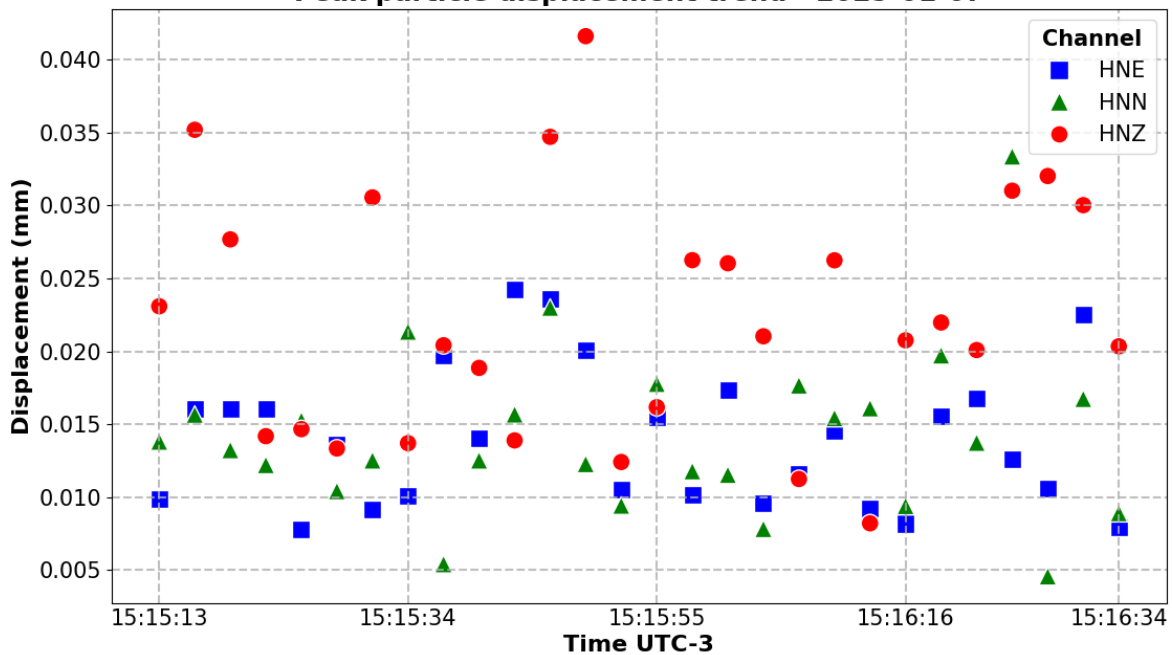
PARTICLE DISPLACEMENT ANALYSIS



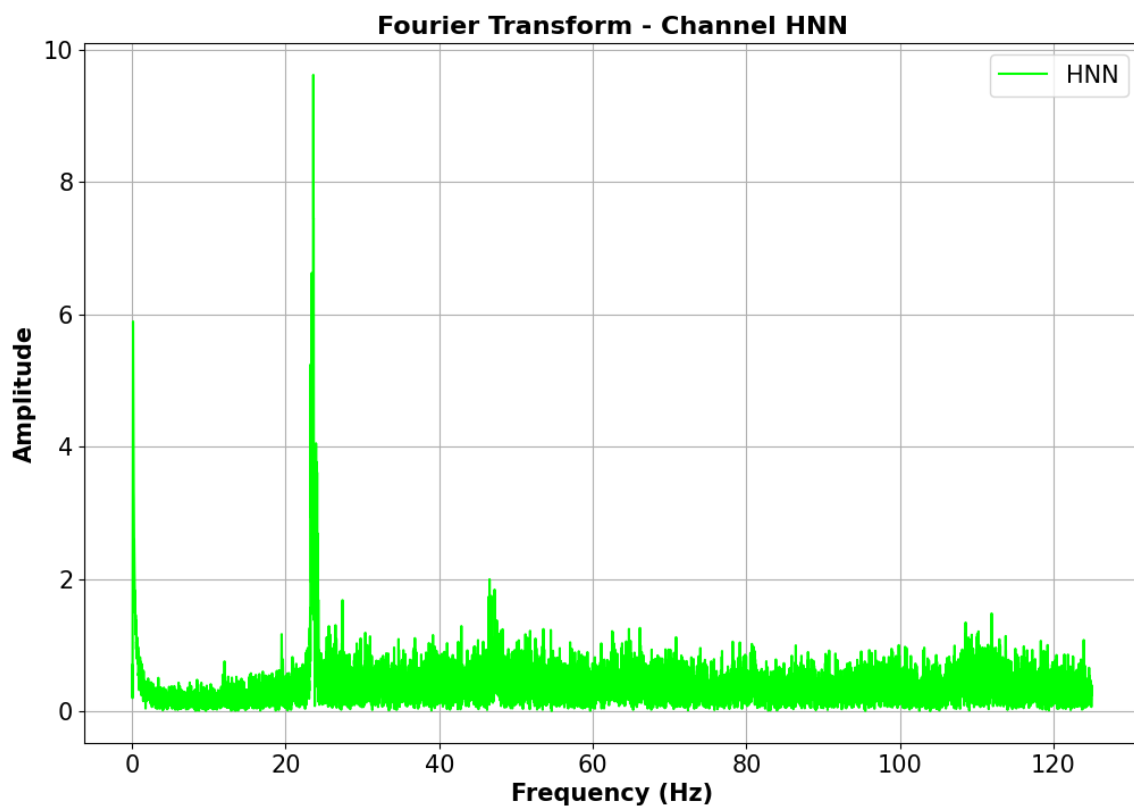
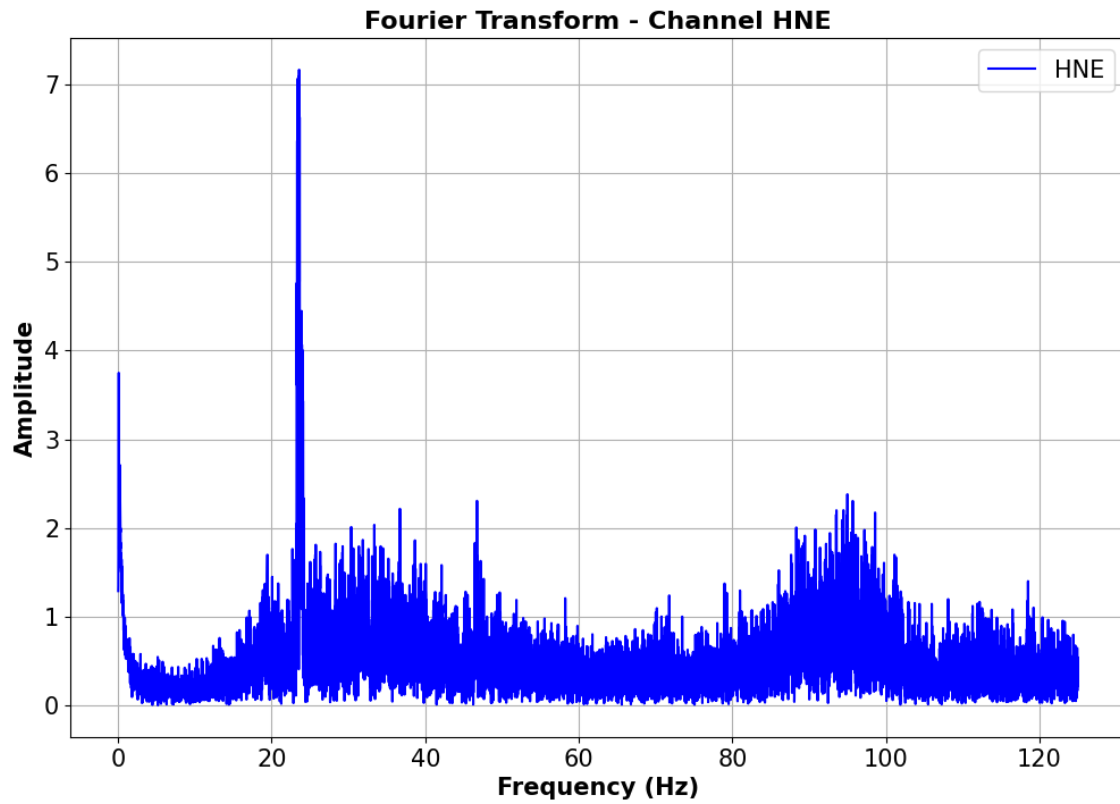
Signals over time (displacement)



Peak particle displacement trend - 2025-01-07



FAST FOURIER TRANSFORM (FFT)



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