

ANALYSIS REPORT

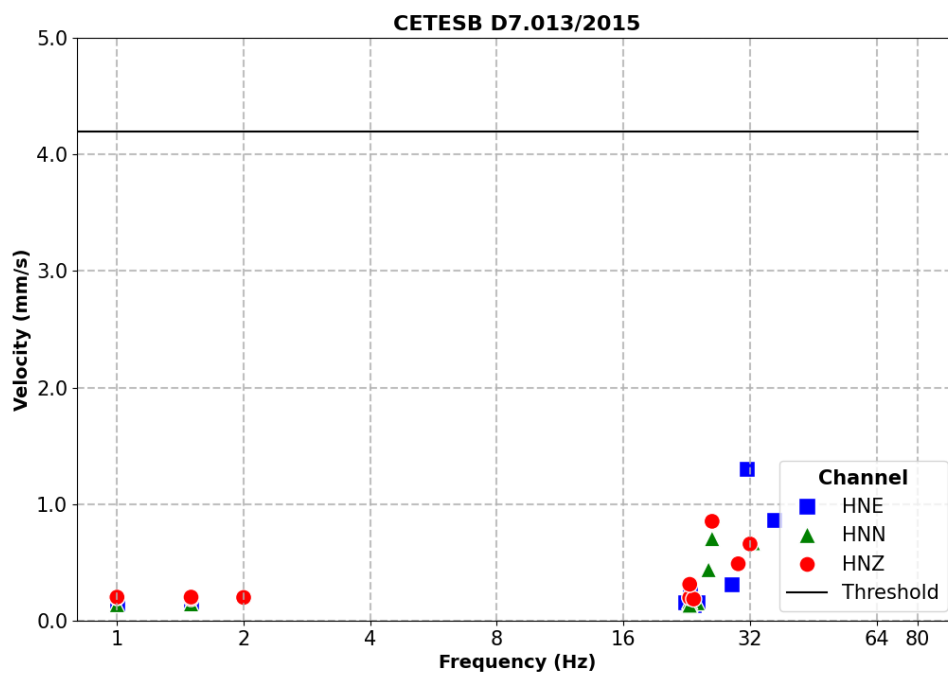
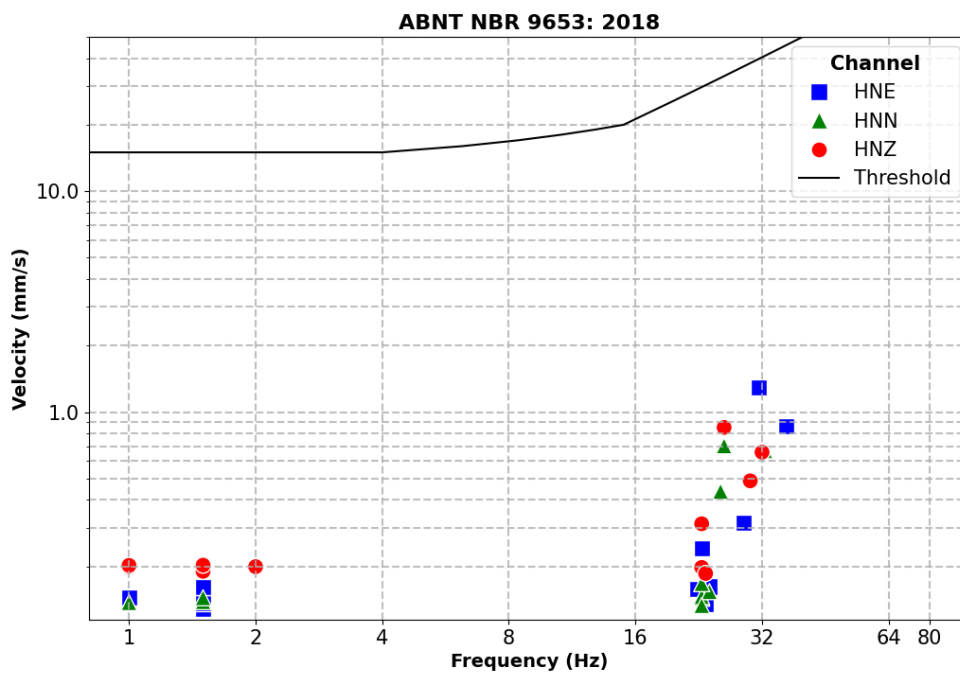


Date: 2025-03-27 UTC-5
Project: Vibração de Solo - Braskem
Data interval: 2025-01-07 15:00:00 to 2025-01-07 16:00:00 UTC-3
Client: AGILE - BRASKEM
Location: Maceió - AL
Notes:

Continuos Vibration Data

	HNE	HNN	HNZ
PPA (g)	0.078	0.073	0.045
PPV (mm/s)	1.3	0.704	0.853
PPD (mm)	0.067	0.072	0.128
FREQ (Hz)	31.5	26.0	26.0

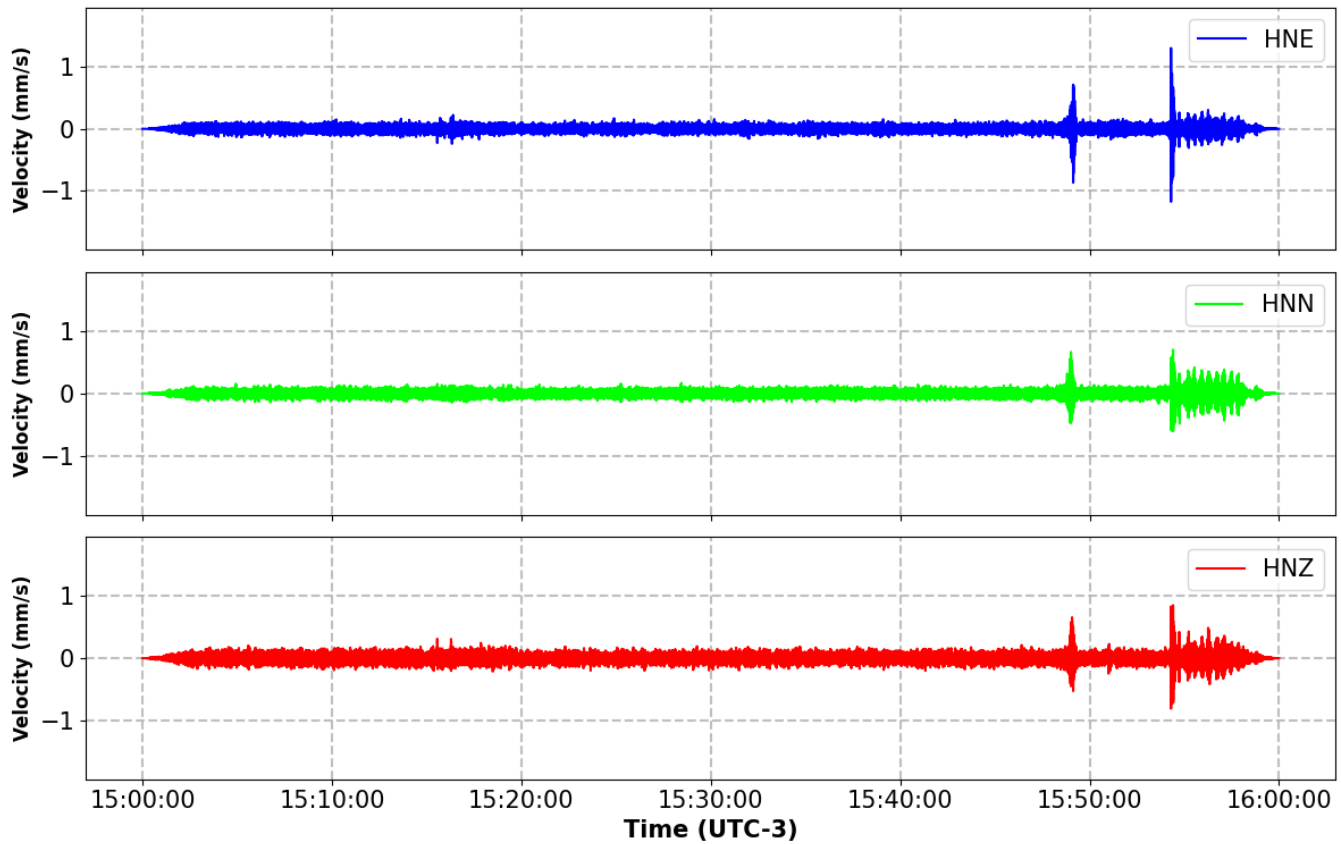
Sample Rate: 250 Hz
Window Size: 5 min
Serial: ME 379



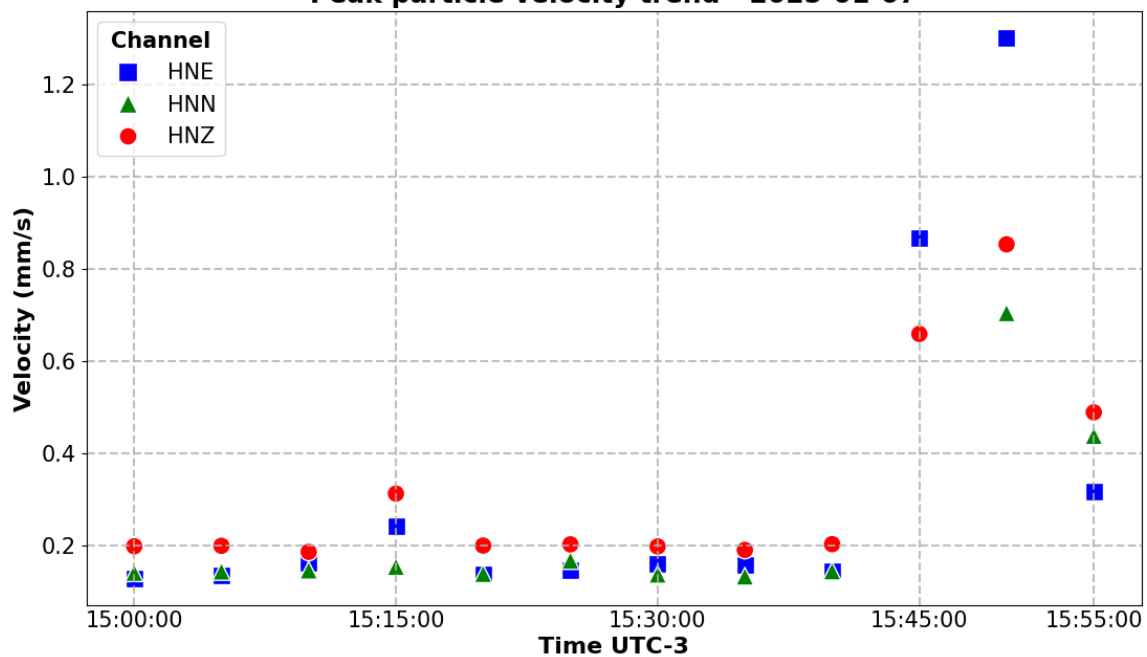
PARTICLE VELOCITY ANALYSIS



Signals over time (velocity)



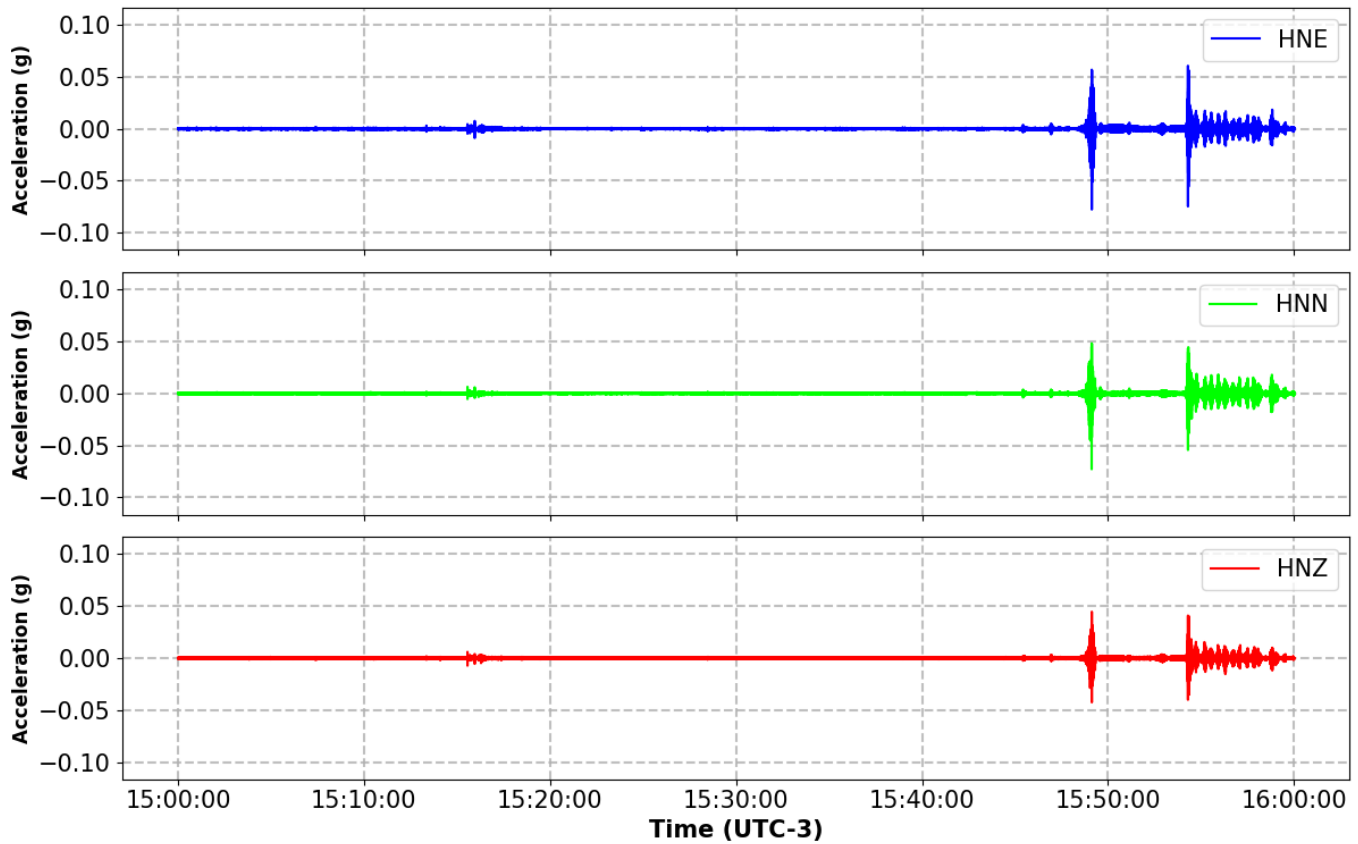
Peak particle velocity trend - 2025-01-07



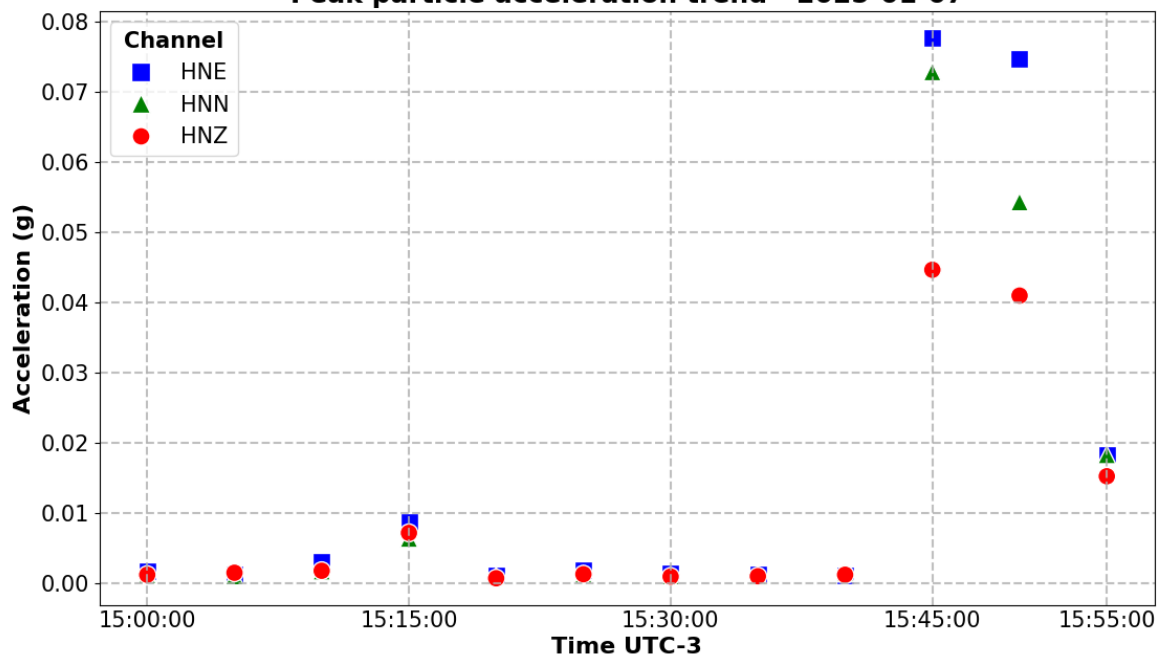
PARTICLE ACCELERATION ANALYSIS



Signals over time (acceleration)



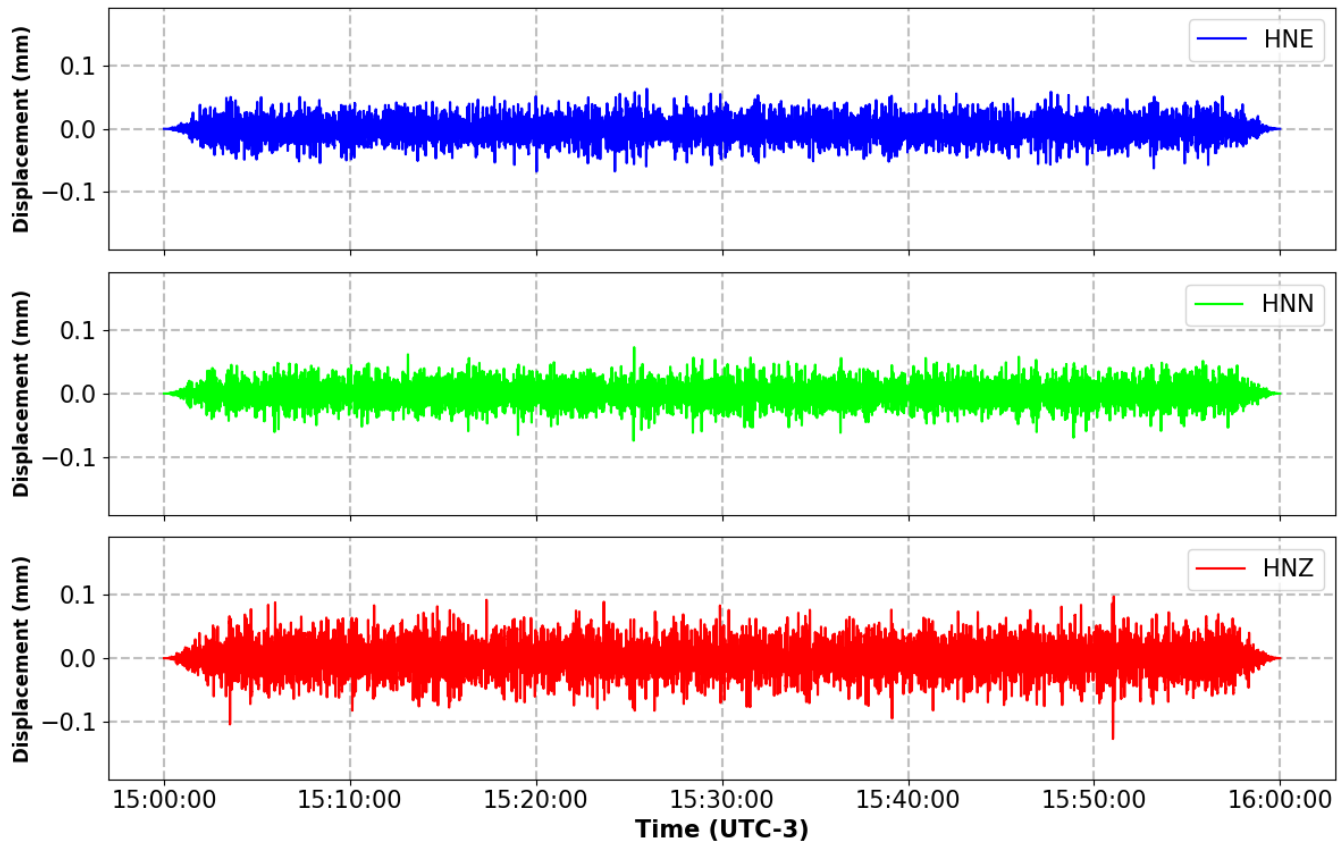
Peak particle acceleration trend - 2025-01-07



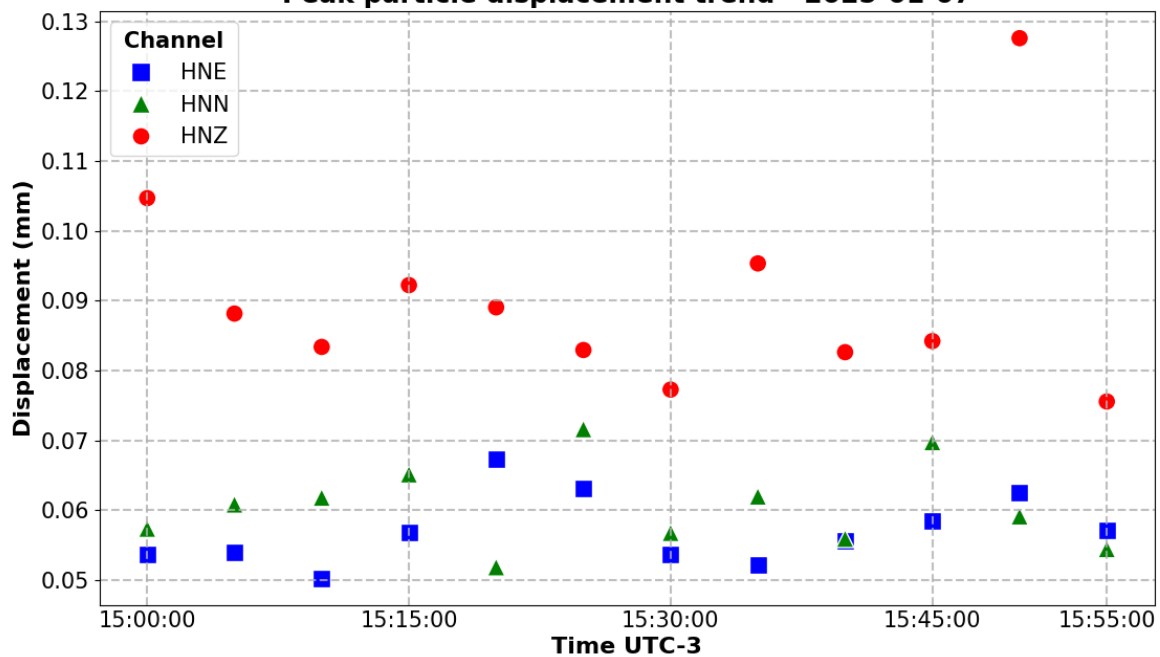
PARTICLE DISPLACEMENT ANALYSIS



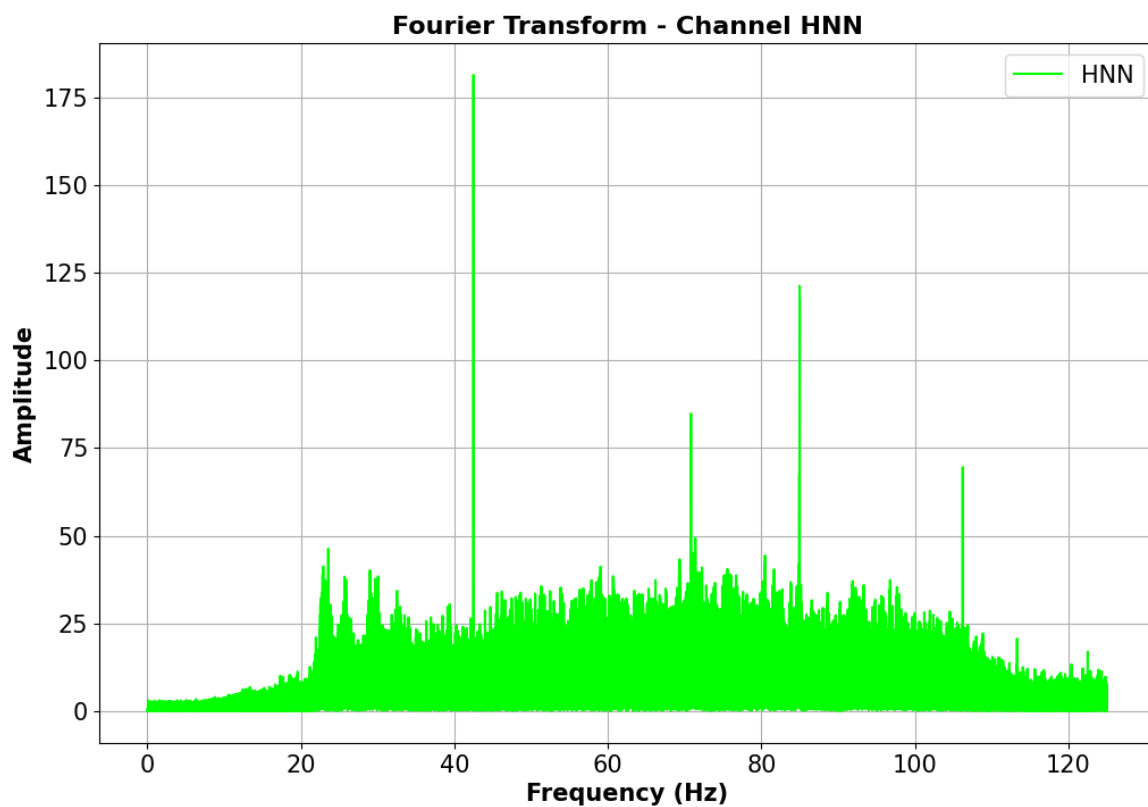
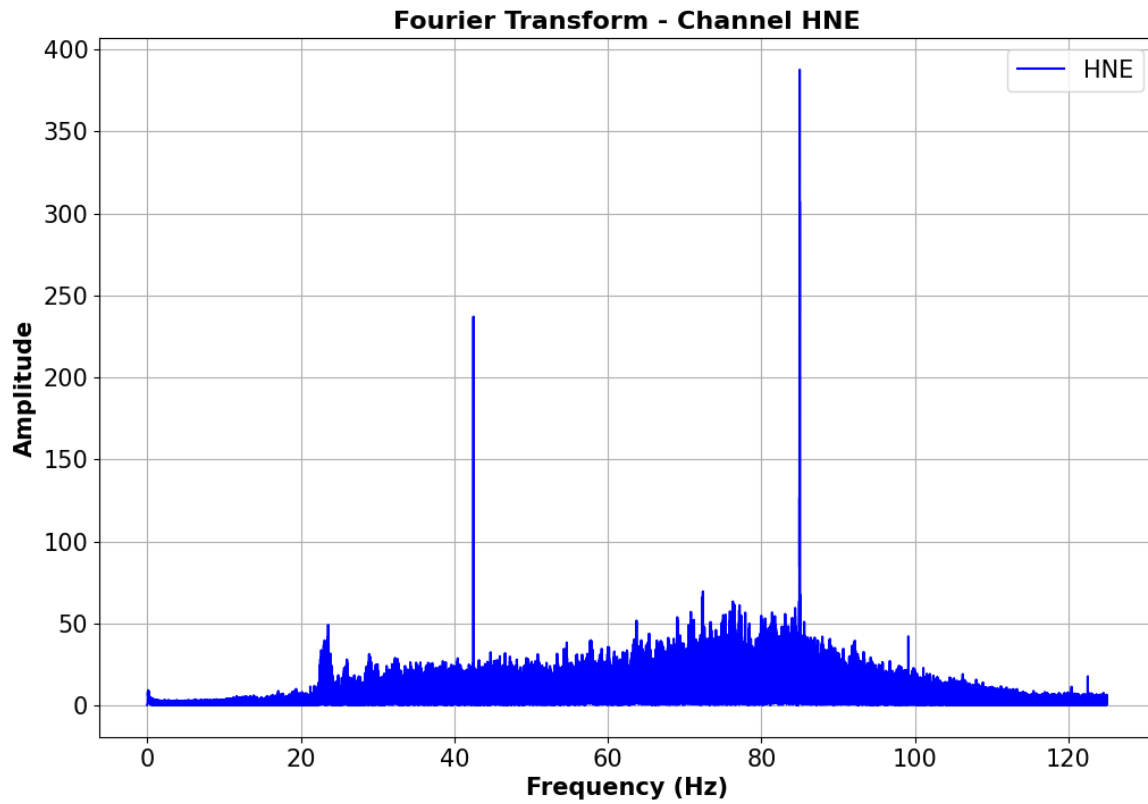
Signals over time (displacement)



Peak particle displacement trend - 2025-01-07



FAST FOURIER TRANSFORM (FFT)



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