

ANALYSIS REPORT

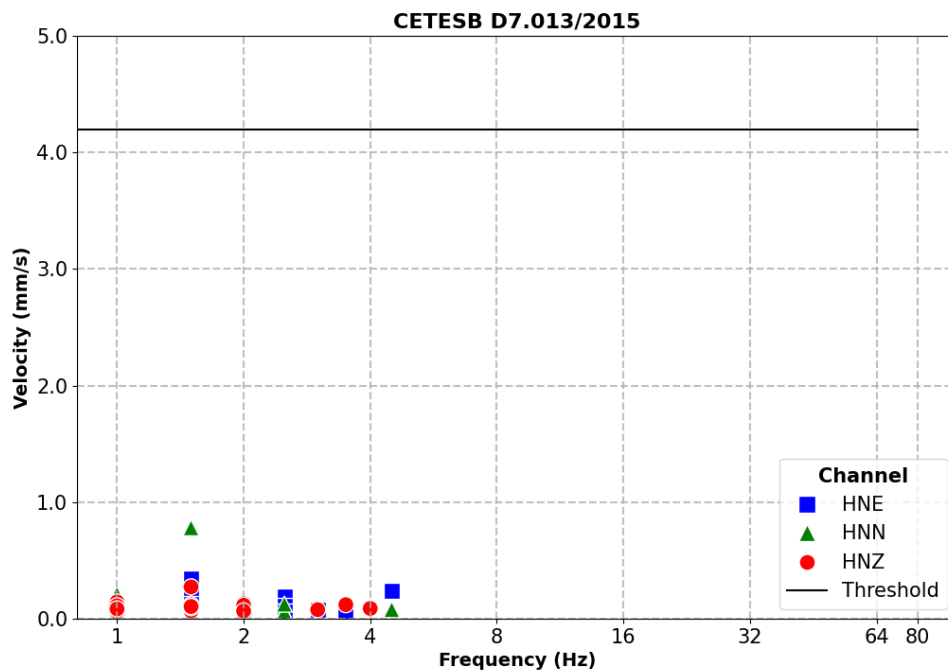
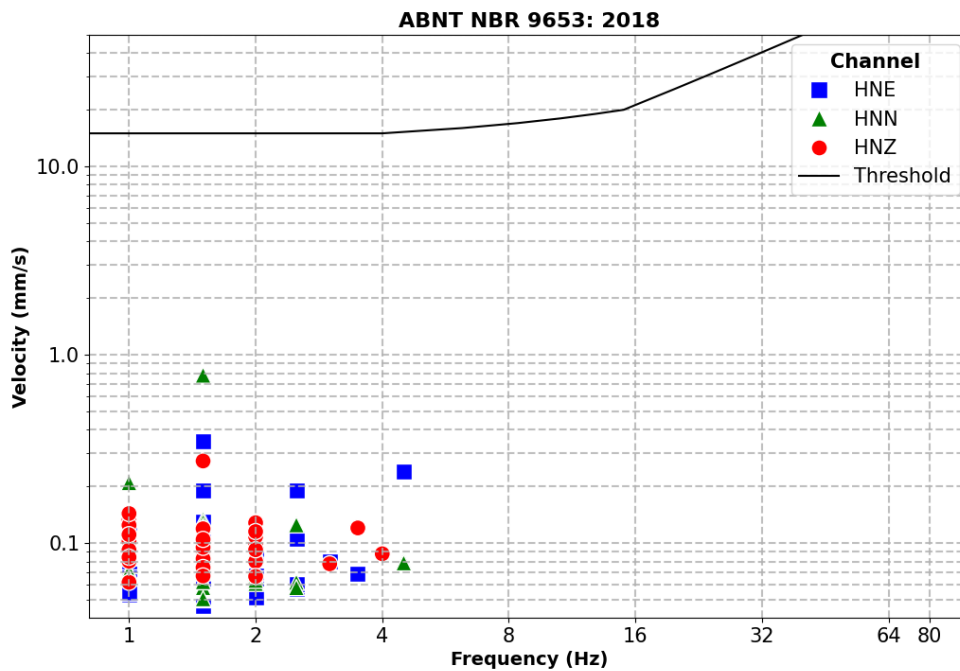


Date: 2025-03-26 UTC-5
Project: Vibração de Solo - Braskem
Data interval: 2025-03-11 10:06:14 to 2025-03-11 10:08:02 UTC-3
Client: AGILE - BRASKEM
Location: Maceió - AL
Notes:

Continuos Vibration Data

	HNE	HNN	HNZ
PPA (g)	0.035	0.047	0.02
PPV (mm/s)	0.347	0.78	0.273
PPD (mm)	0.073	0.148	0.045
FREQ (Hz)	1.5	1.5	1.5

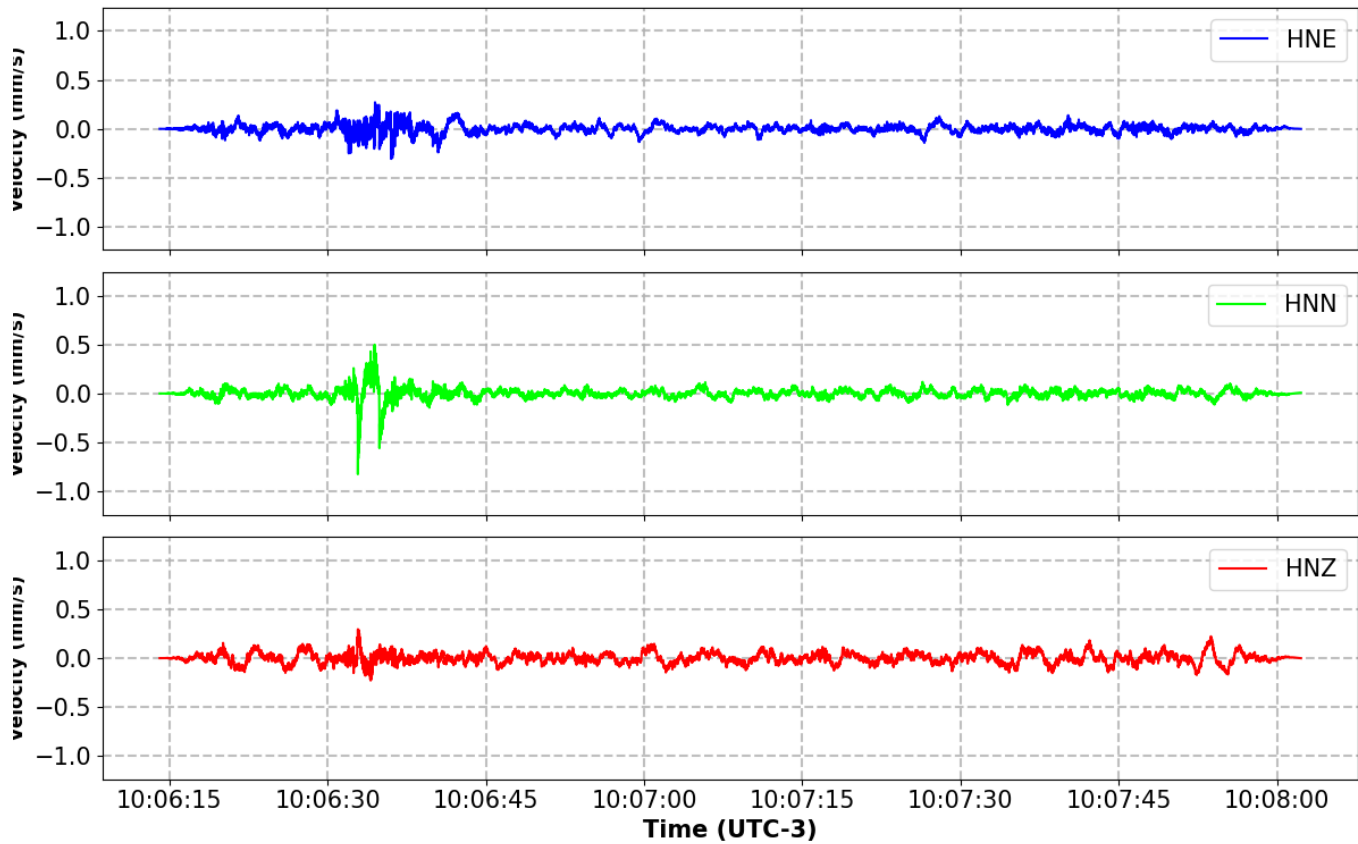
Sample Rate: 250 Hz
Window Size: 3.0 seg
Serial: ME 379



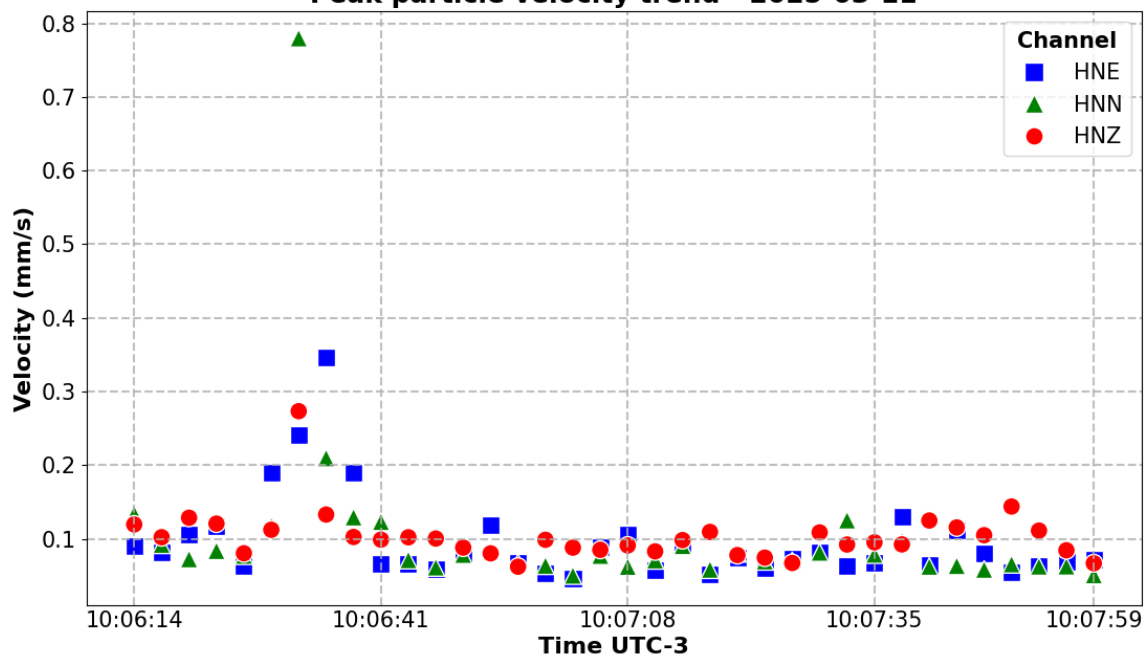
PARTICLE VELOCITY ANALYSIS



Signals over time (velocity)



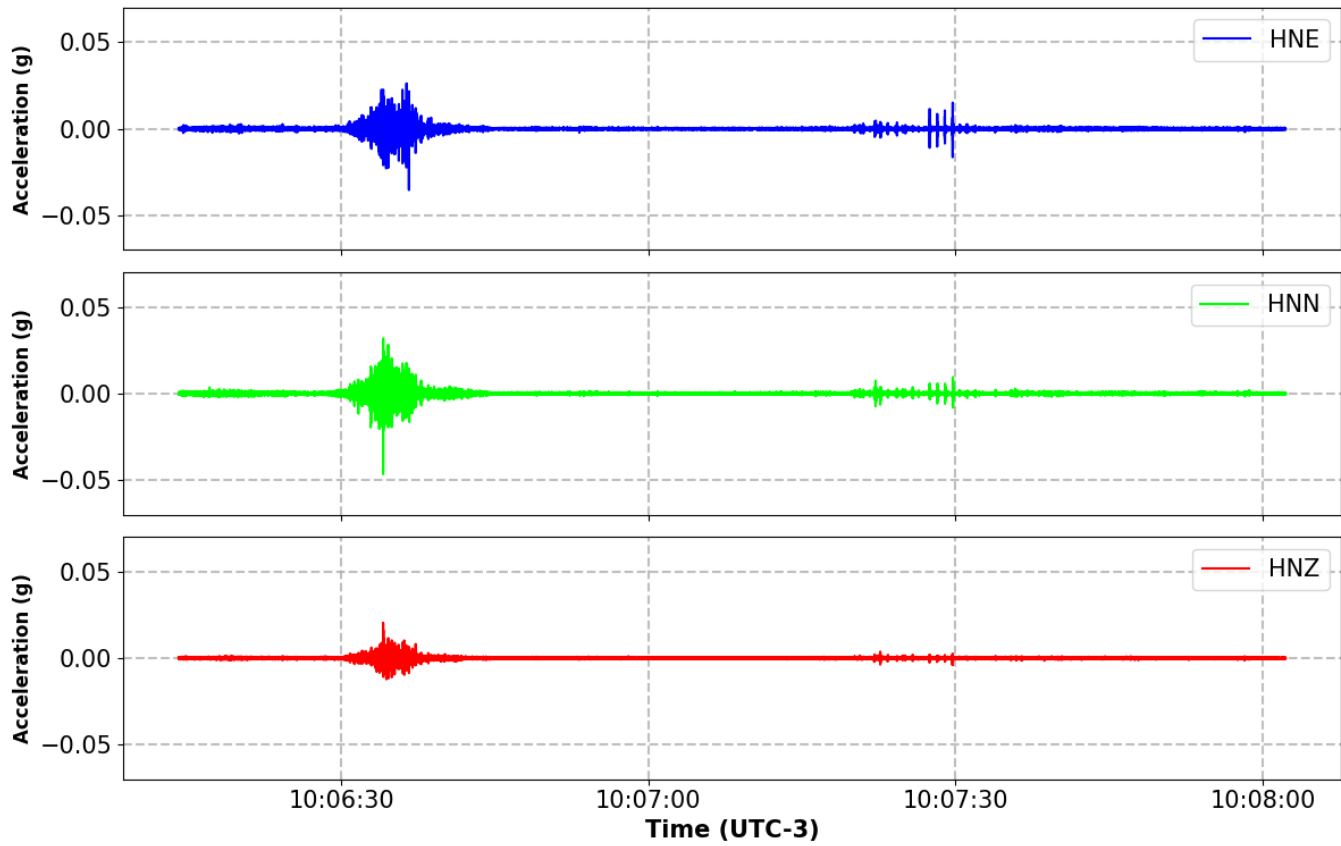
Peak particle velocity trend - 2025-03-11



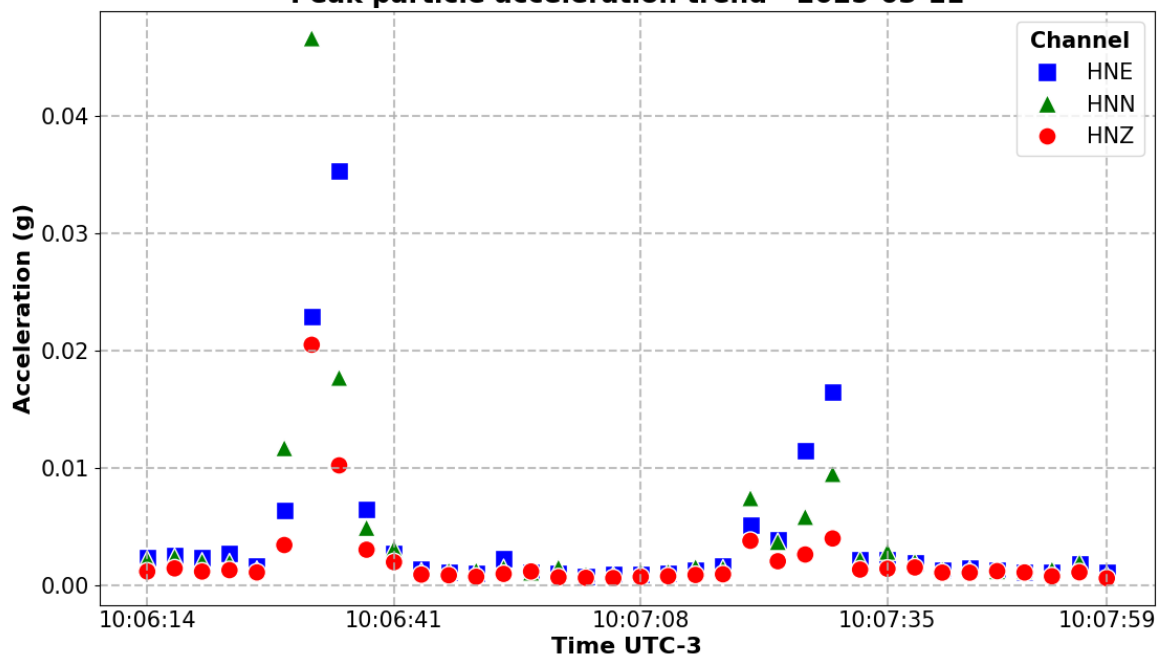
PARTICLE ACCELERATION ANALYSIS



Signals over time (acceleration)



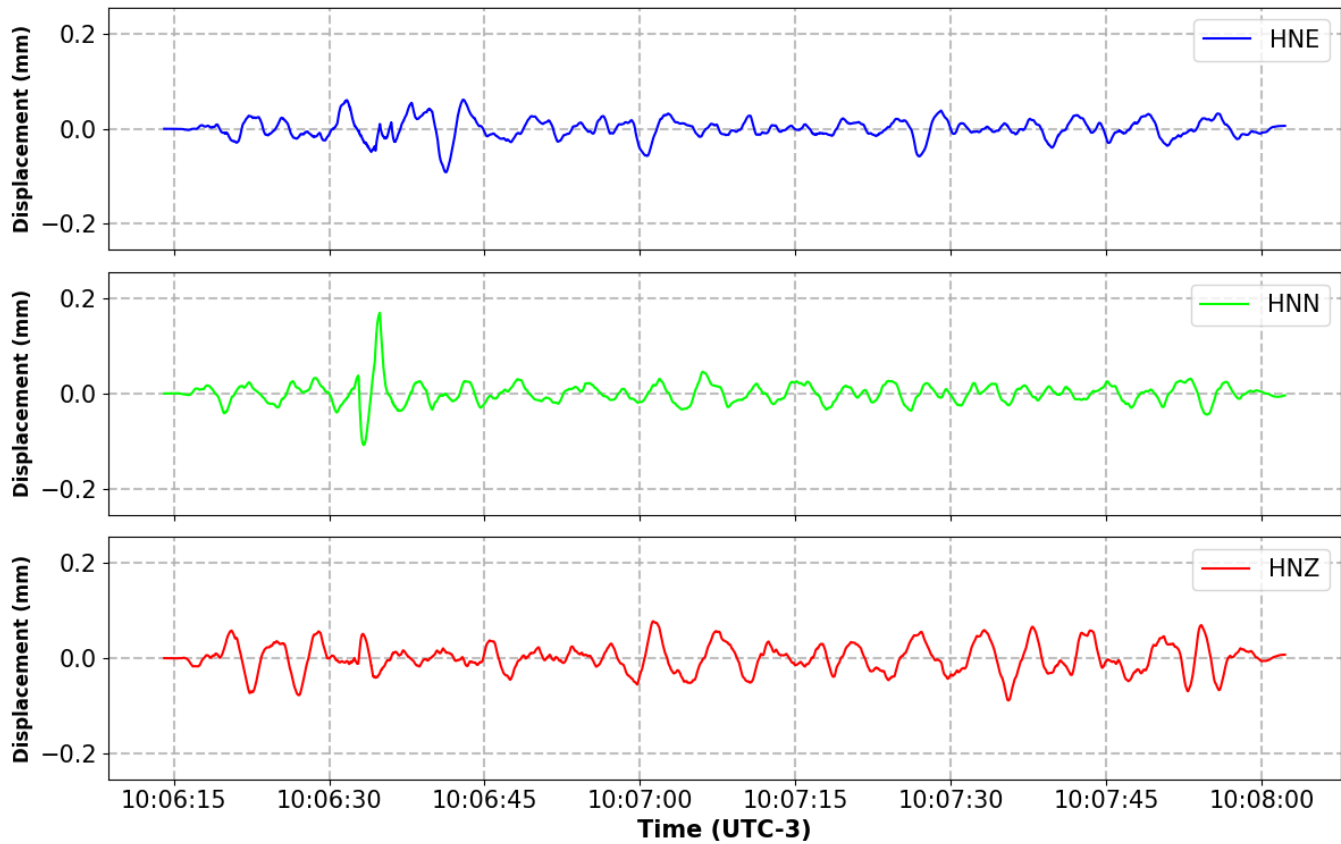
Peak particle acceleration trend - 2025-03-11



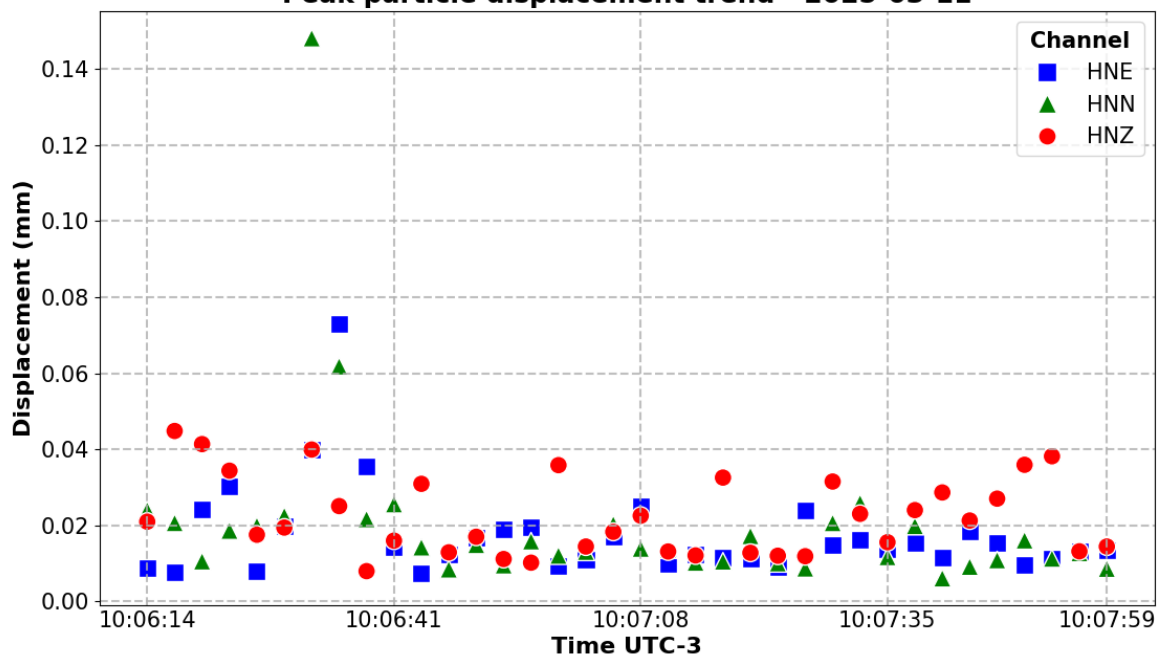
PARTICLE DISPLACEMENT ANALYSIS



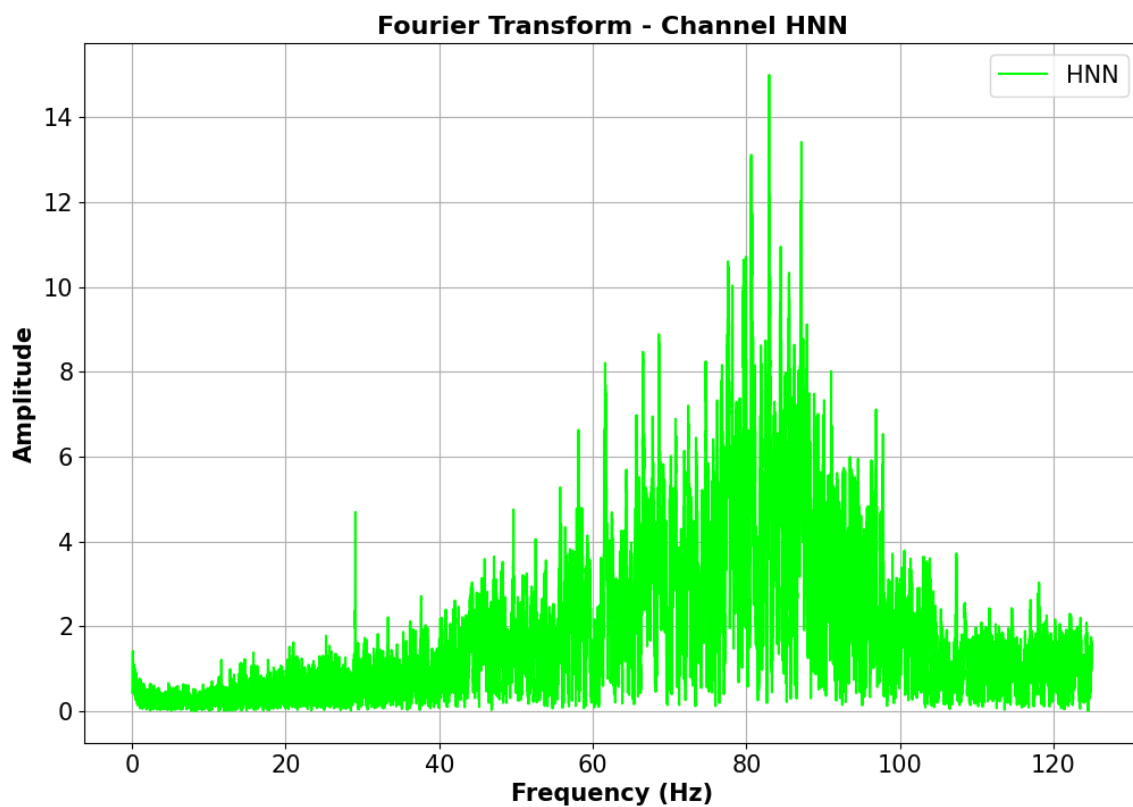
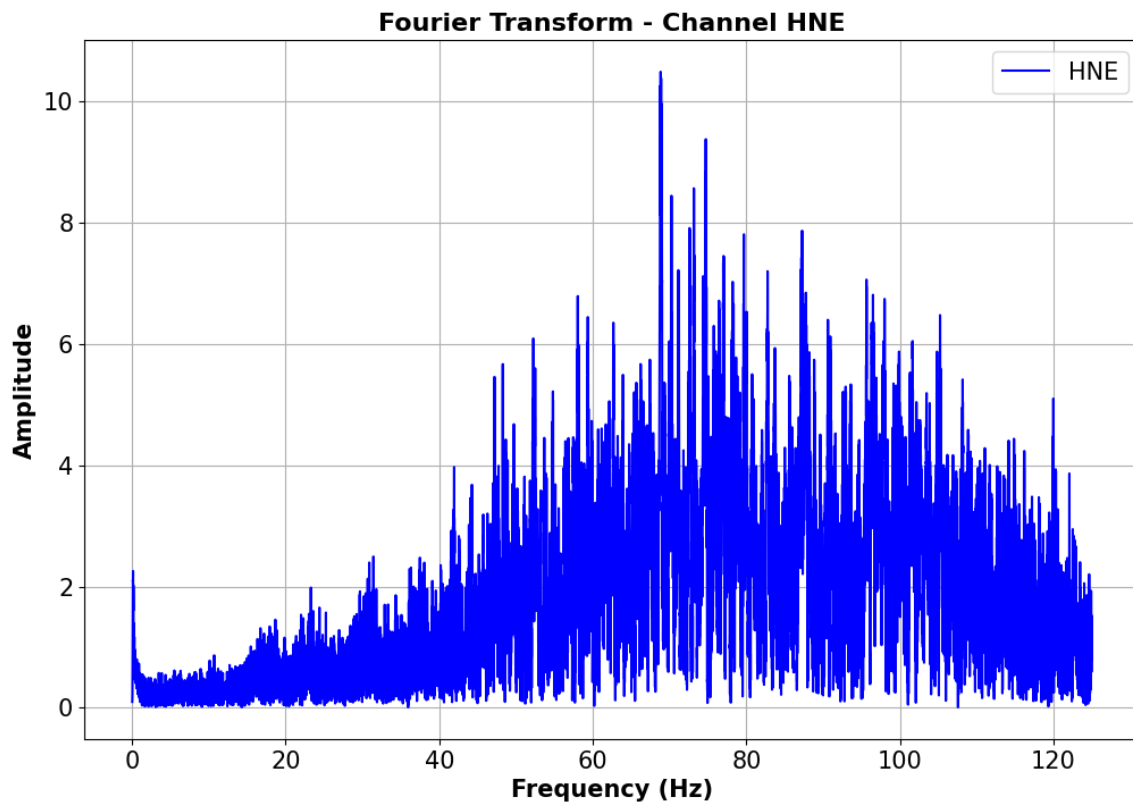
Signals over time (displacement)



Peak particle displacement trend - 2025-03-11



FAST FOURIER TRANSFORM (FFT)



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