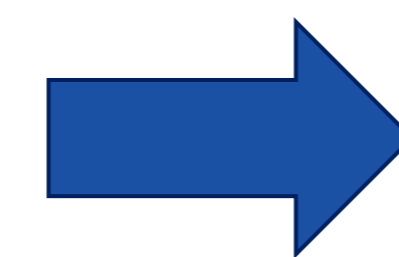
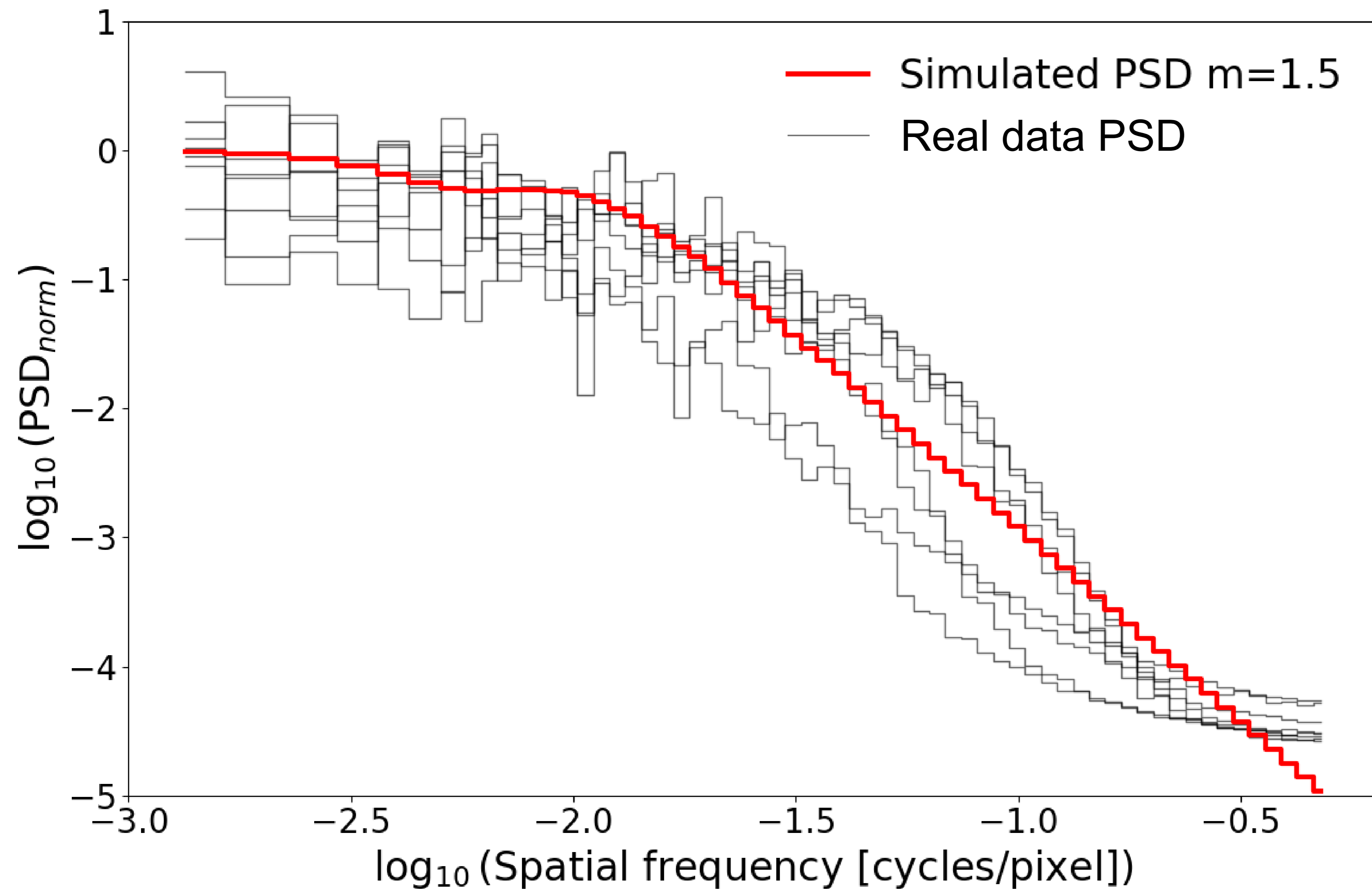


**Goal: Quantify impact on ANDES high-res spectroscopy**

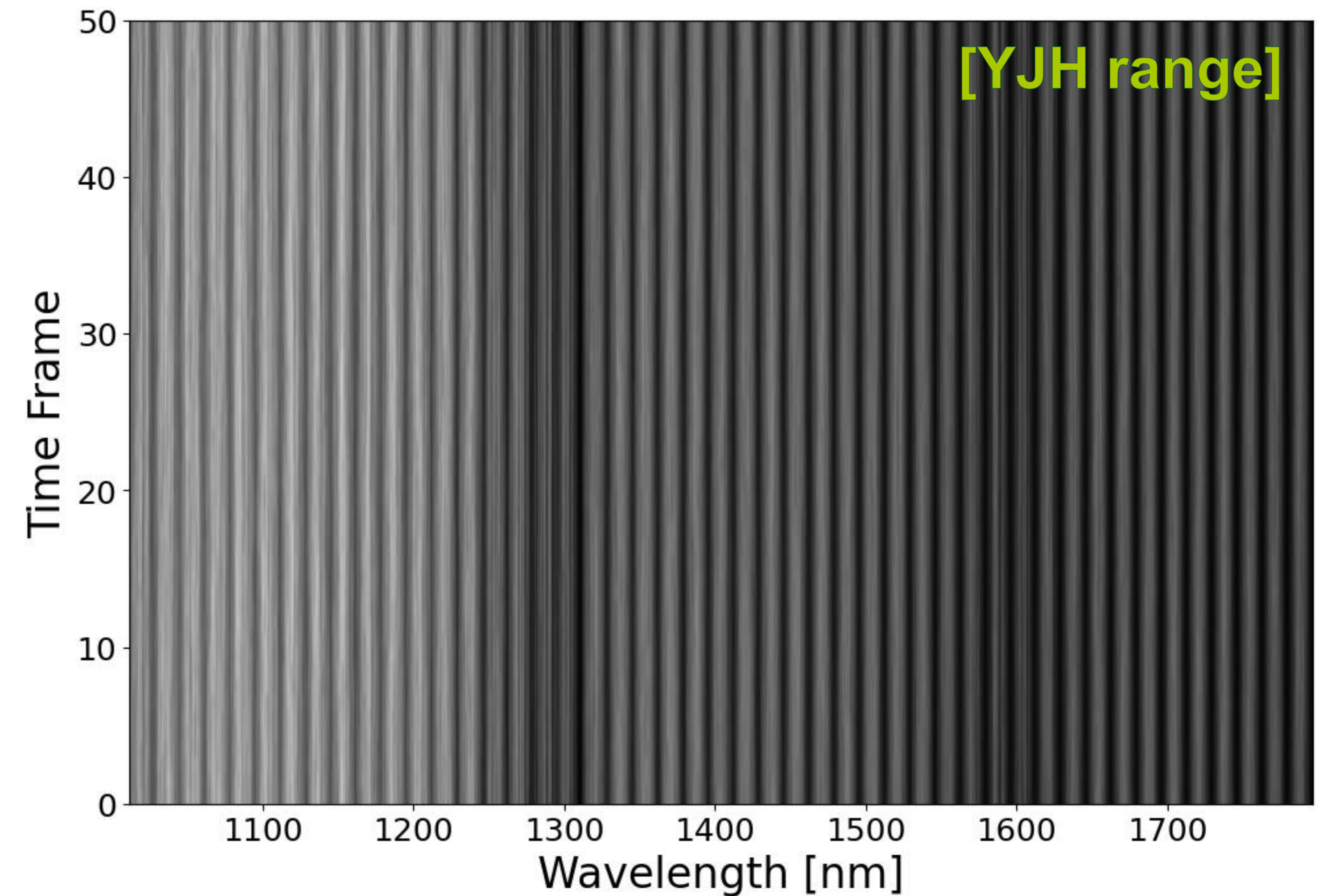


Which MN level compromises planetary atmospheric detection?

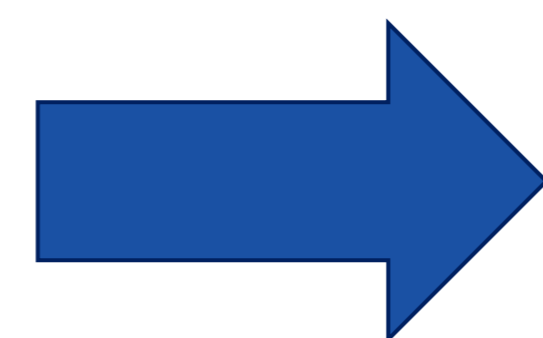
Validated empirical simulator: Reproduces spatial & temporal properties



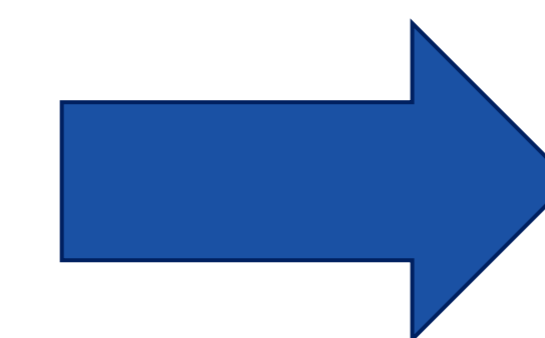
Integrated into the ANDES End-to-End simulation chain



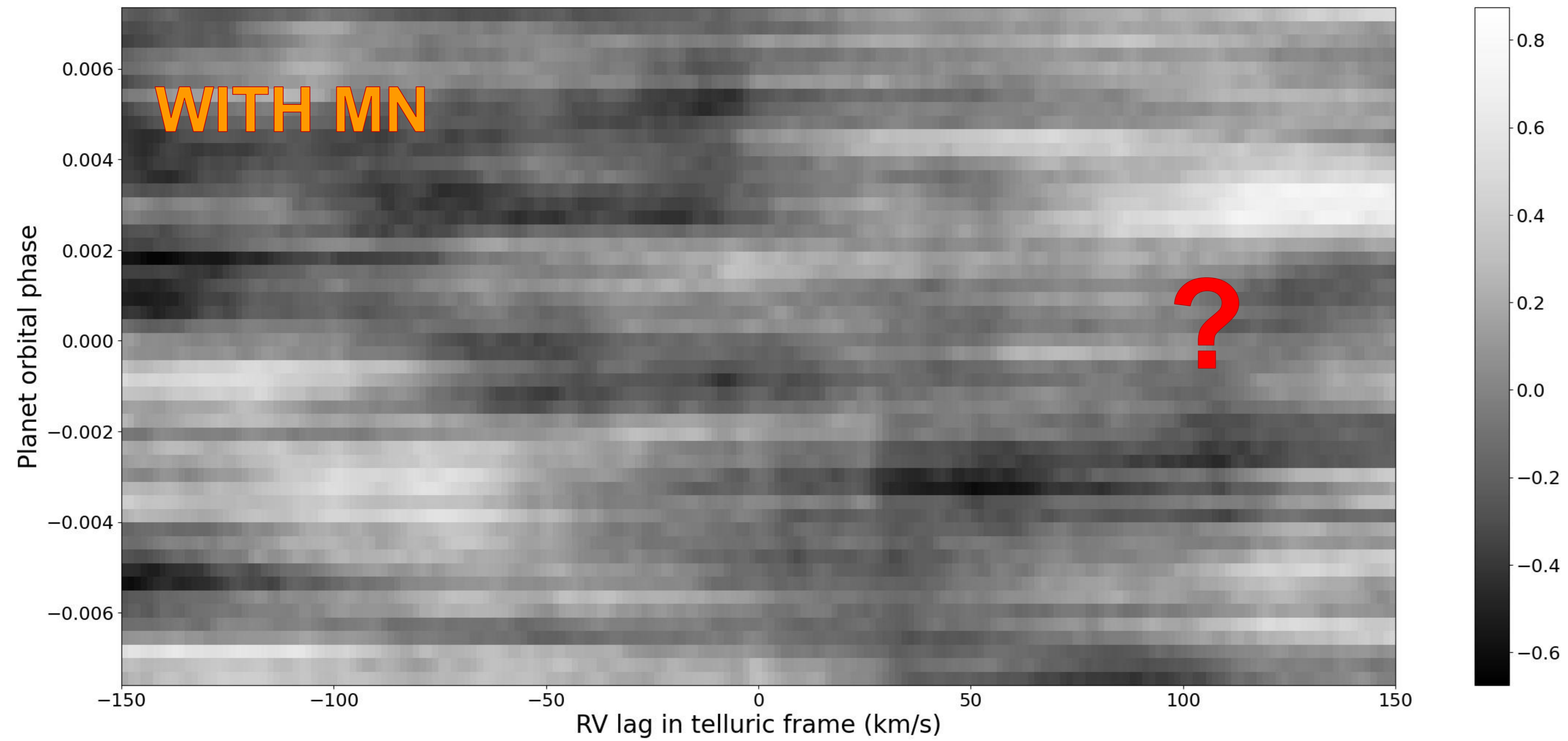
LABORATORY MEASUREMENTS



EMPIRICAL MODEL



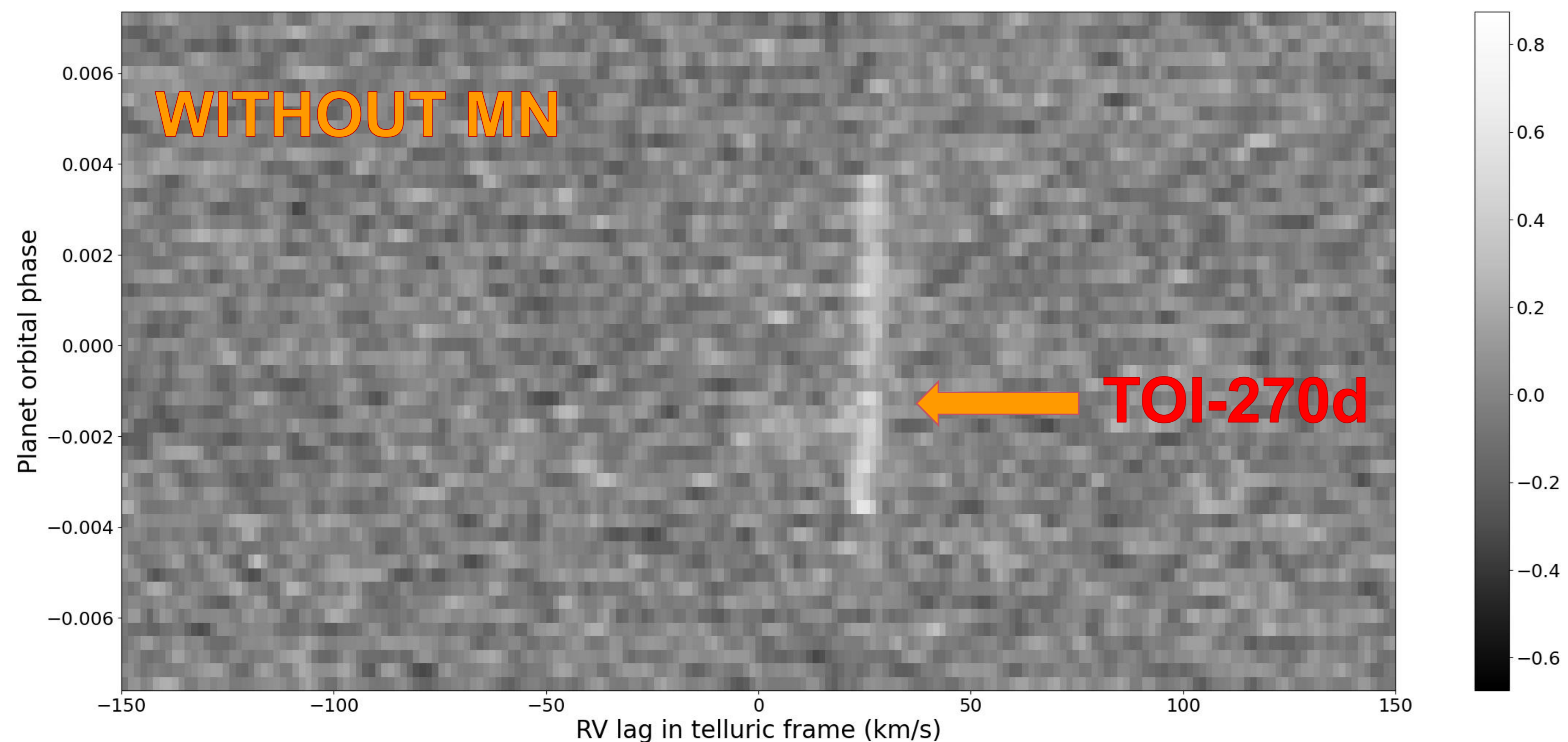
ANDES E2E SIMULATOR



**MITIGATION MUST BE HARDWARE-BASED**

**MN mimics broadband features, affecting SVD-based telluric removal**

**Significant SNR loss if MN not mitigated at the hardware level**



You're welcome !



**CHECK OUT MY POSTER!**