Scintillation SDF Analysis: Intensity & Phase (Mild) Mild L1 | S4: Th. 0.158, Exp. 0.169 Mild L2 | S4: Th. 0.230, Exp. 0.247 Mild L5 | S4: Th. 0.245, Exp. 0.263 0 20 0 -20 -20 -20 Intensity SDF [dB] Intensity SDF [dB] Intensity SDF [dB] -40 -40 -40 -60 -60 -60 -80 -80 -80 -100 -100 -100 -120 Post-Propagation SDF Post-Propagation SDF Post-Propagation SDF -120 Theoretical Model Theoretical Model Theoretical Model -140 -120 -140 10⁻² 10⁰ 10² 10⁰ 10² 10⁻² 10² 10⁰ 10⁻² Frequency (Hz) Frequency (Hz) Frequency (Hz) Mild L1 Phase SDF Mild L2 Phase SDF Mild L5 Phase SDF 50 50 50 Pre-Propagation SDF Pre-Propagation SDF Pre-Propagation SDF Post-Propagation SDF Post-Propagation SDF Post-Propagation SDF Theoretical Model Theoretical Model Theoretical Model 0 0 0 Phase SDF [dB] Phase SDF [dB] Phase SDF [dB] -50 -50 -50 -100 -100 -100 -150 -150 -150 10⁰ 10⁰ 10⁻² 10² 10⁻² 10^{0} 10² 10⁻² 10²

Frequency (Hz)

Frequency (Hz)

Frequency (Hz)