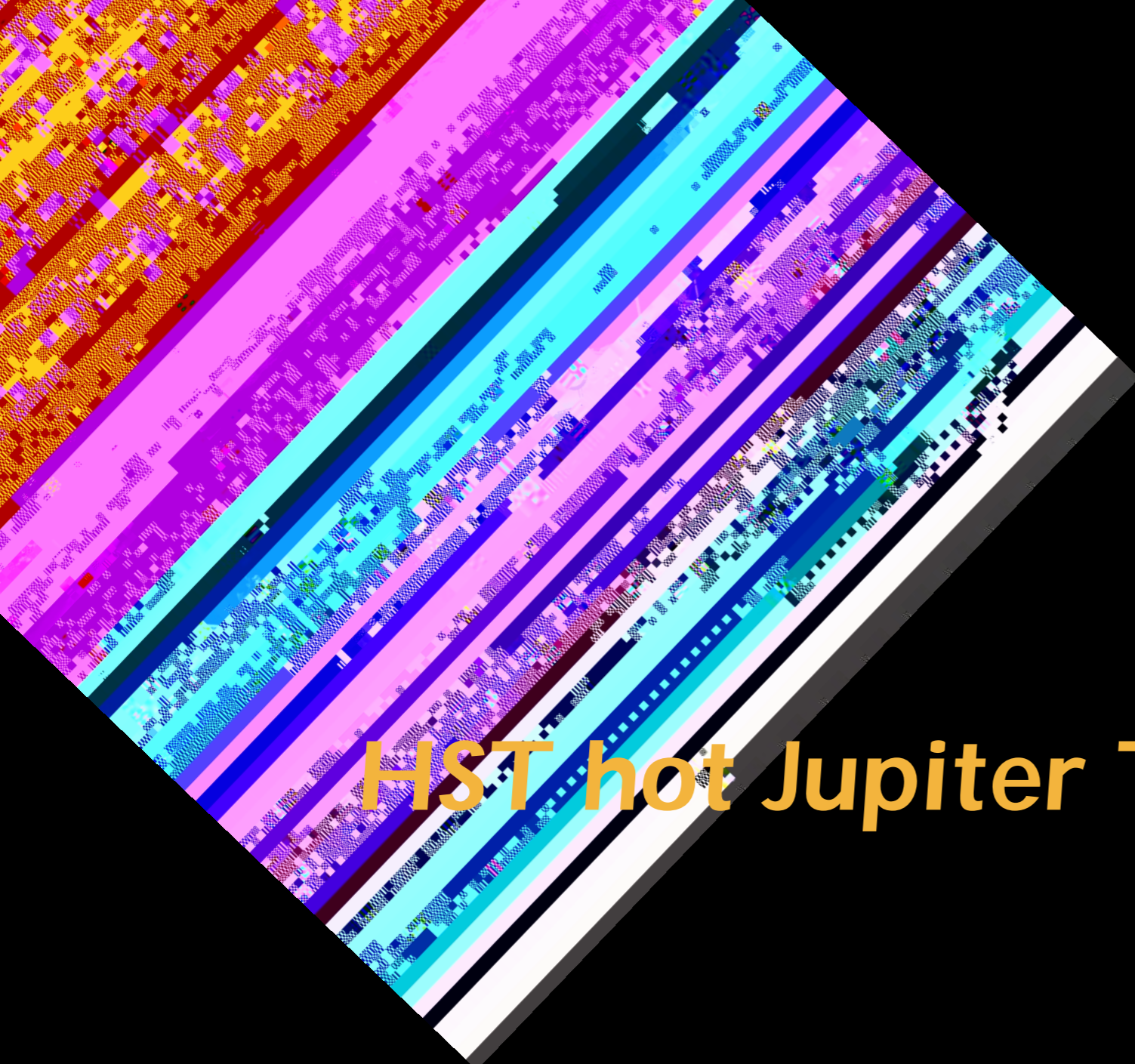




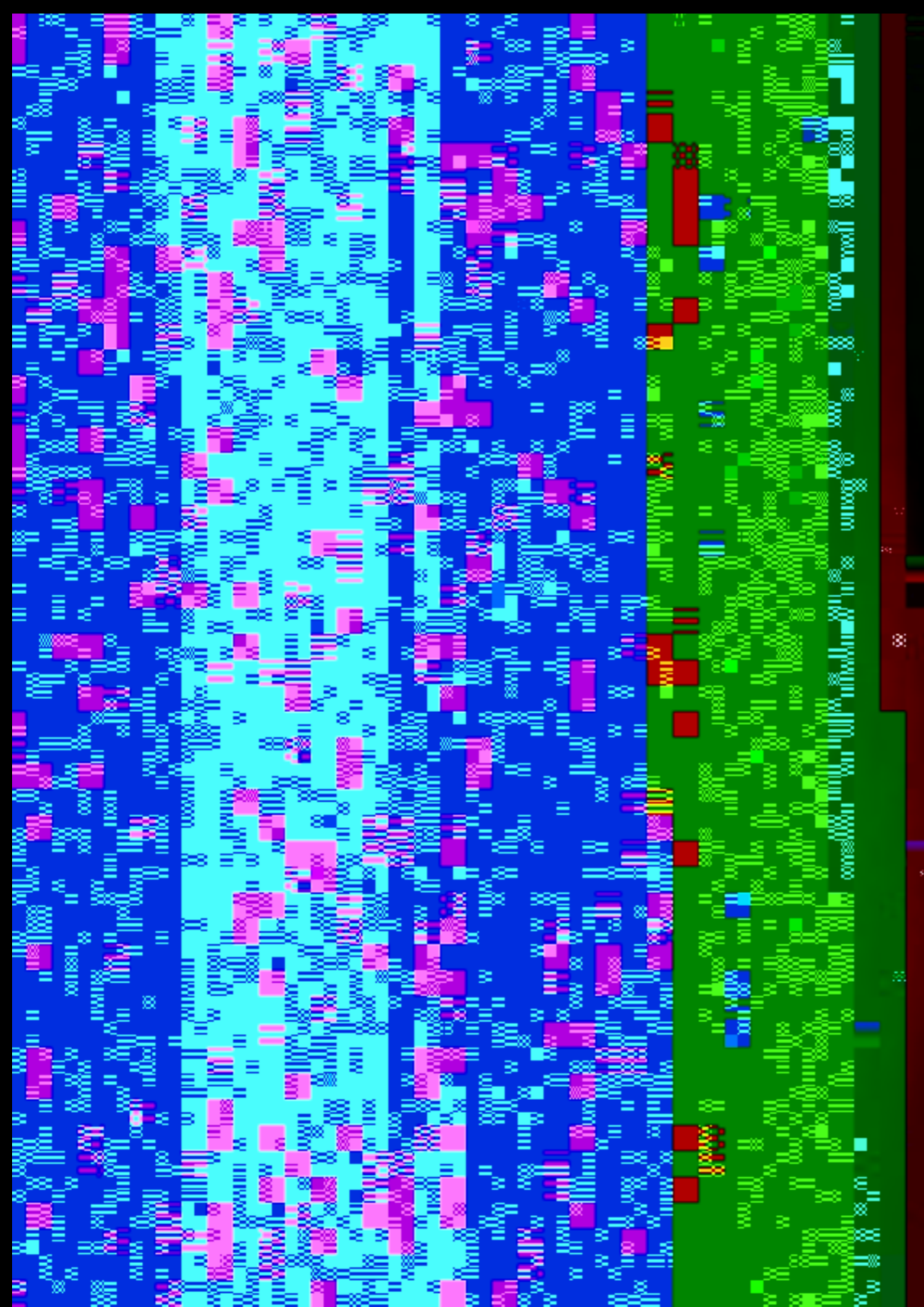
# Probing the Atmosphere of HAT-P-1b With HST/STIS

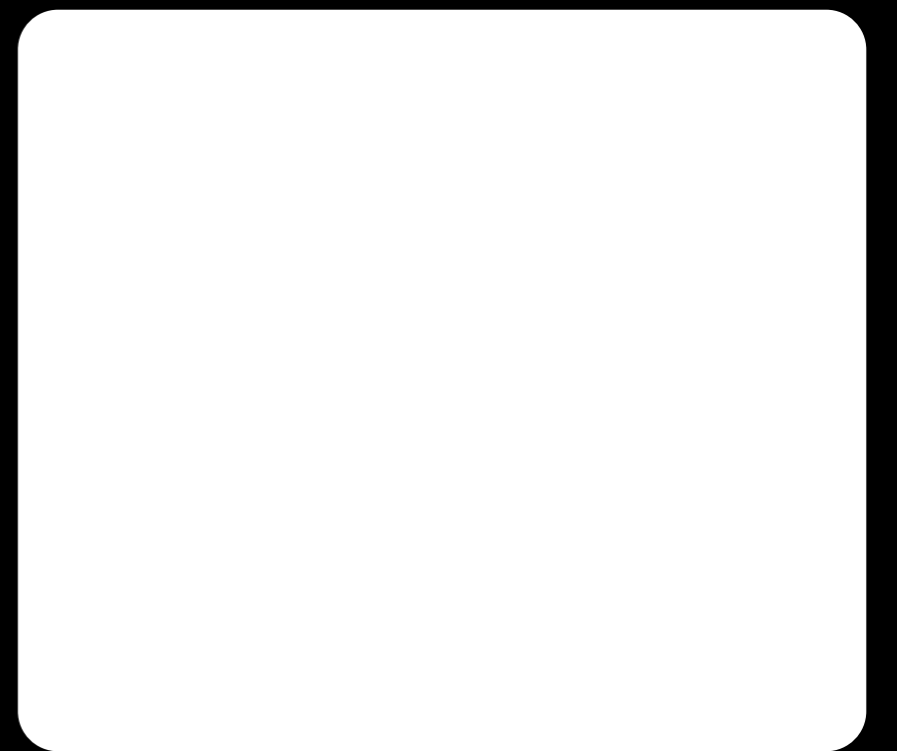
Nikolay Nikolov  
Astrophysics Group, University of Exeter



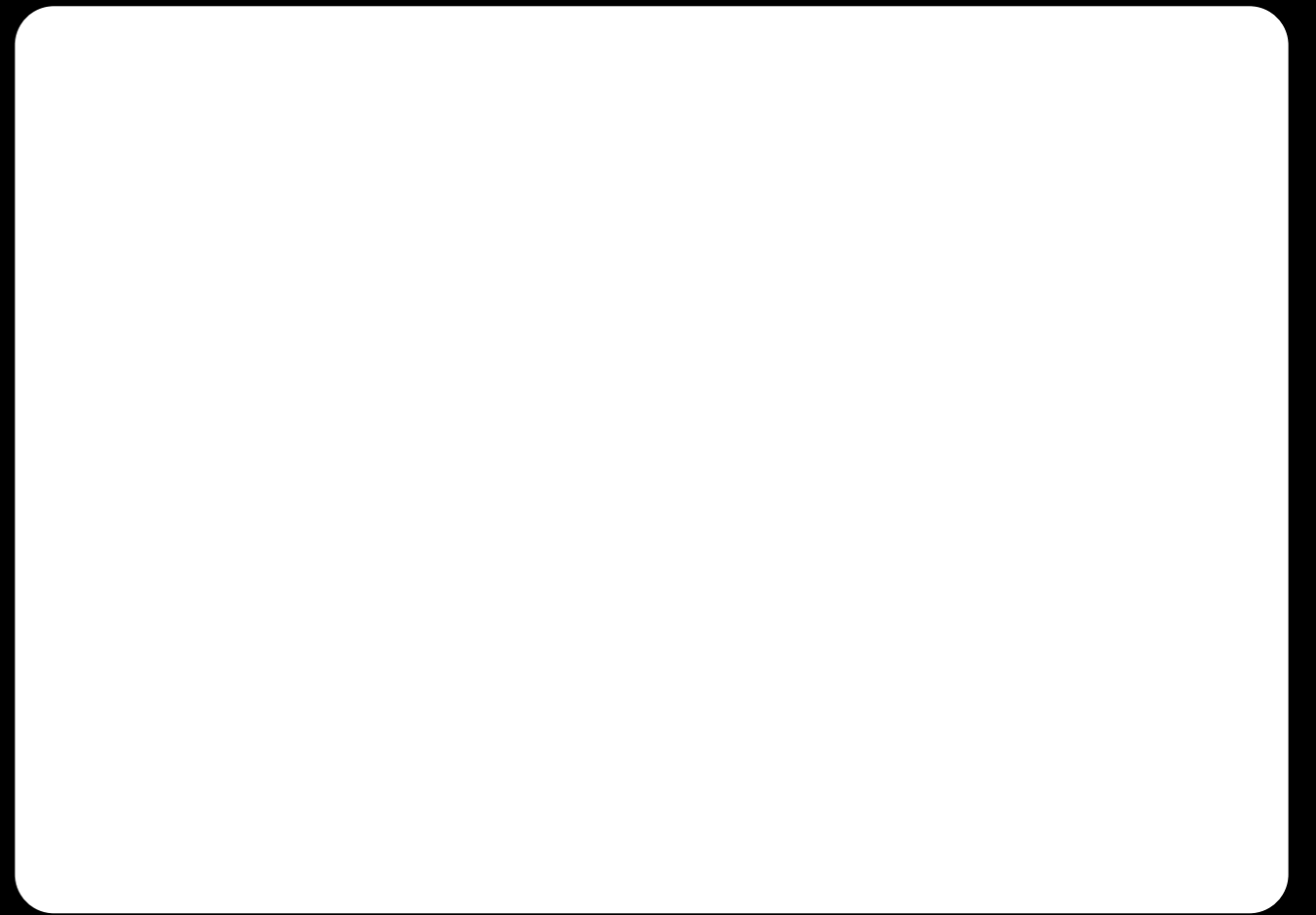
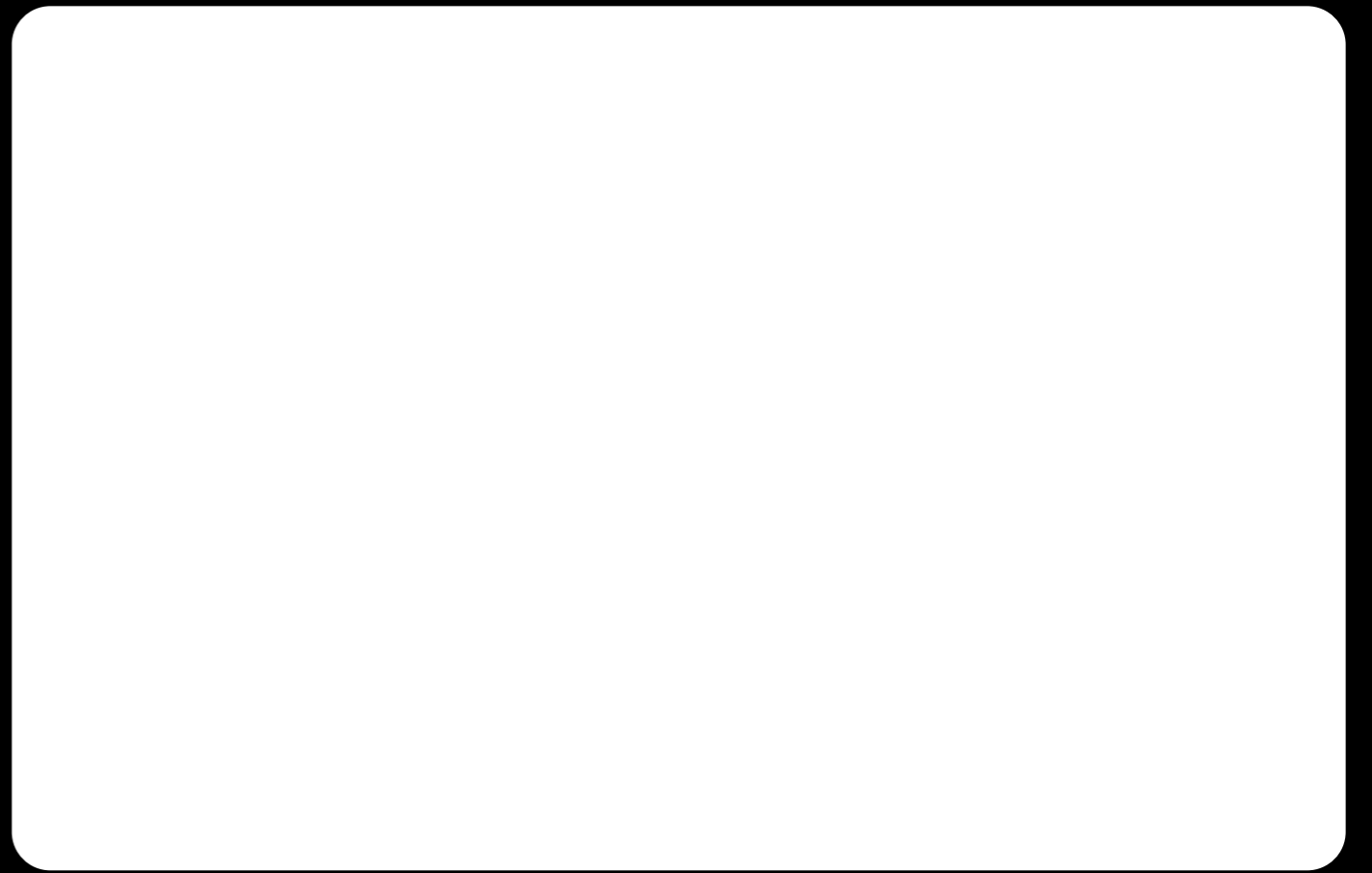
# HST hot Jupiter Transmission

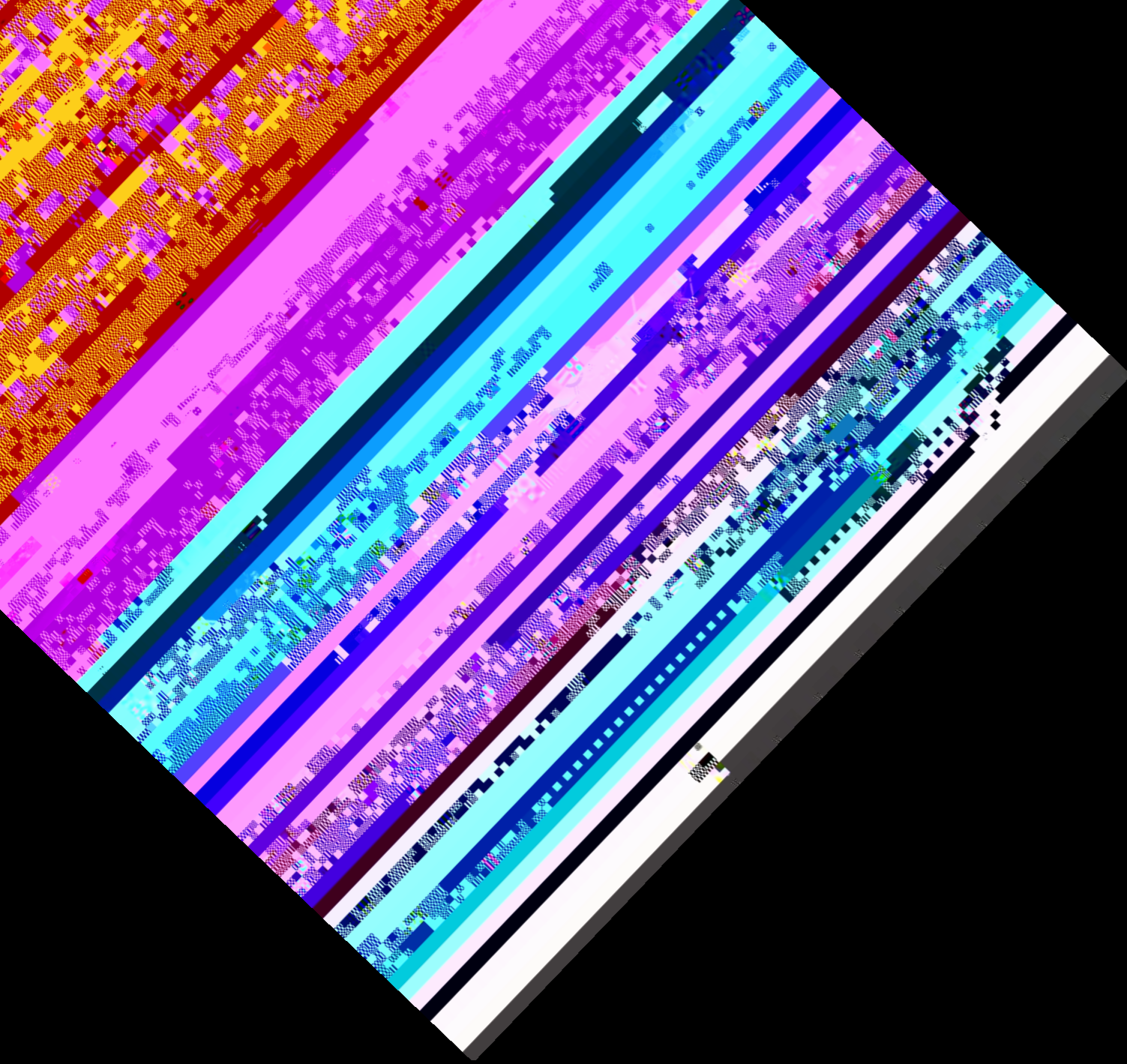


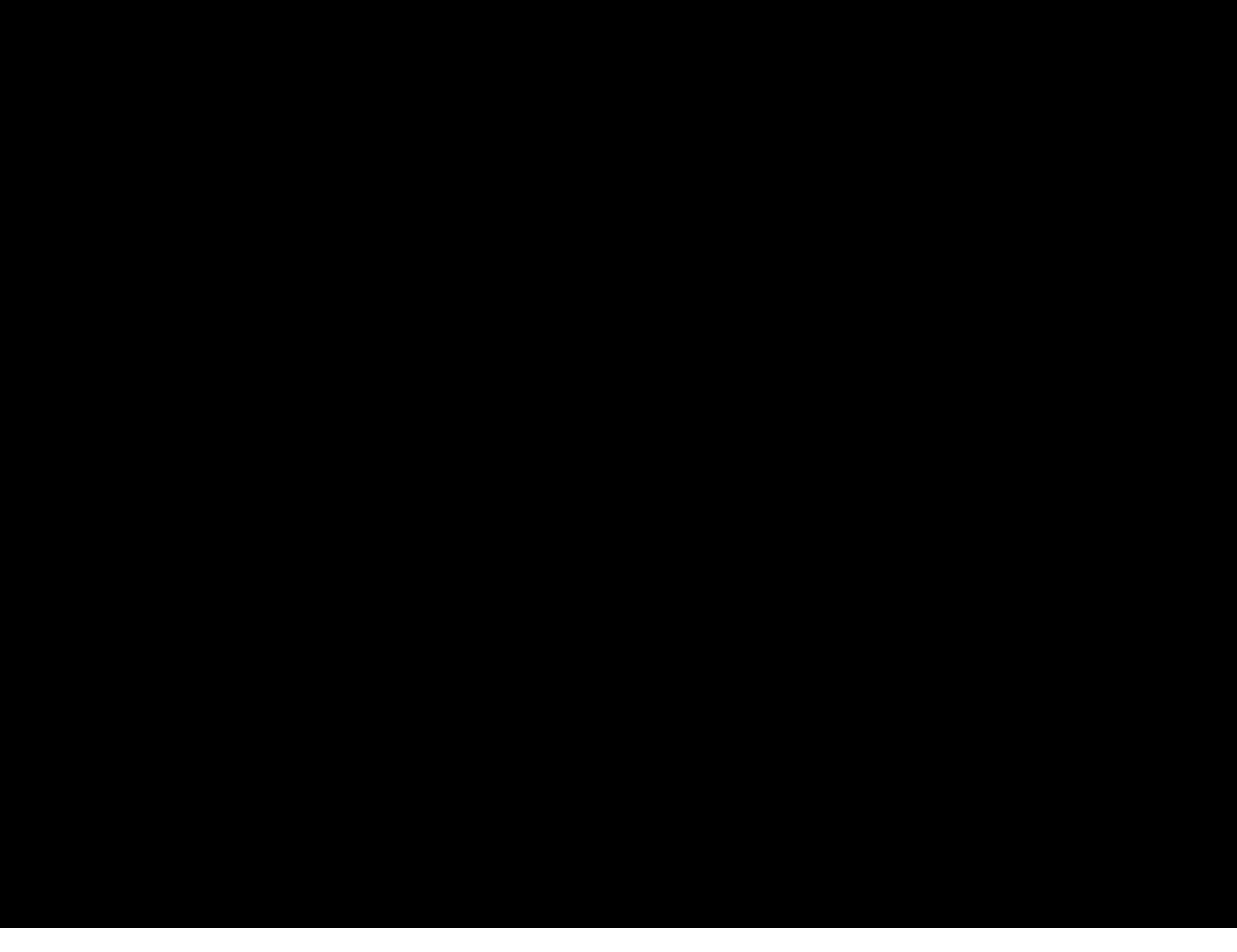








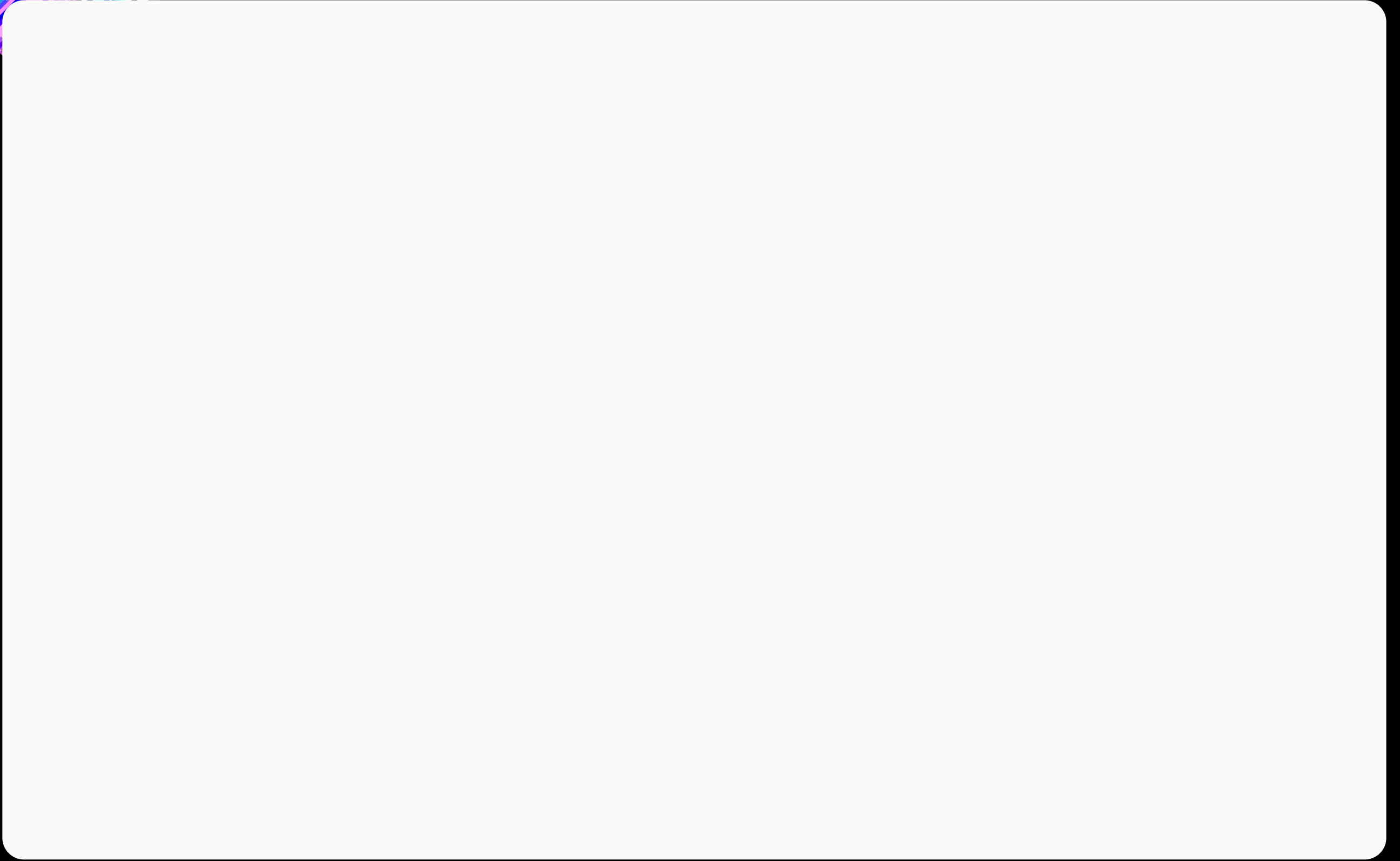
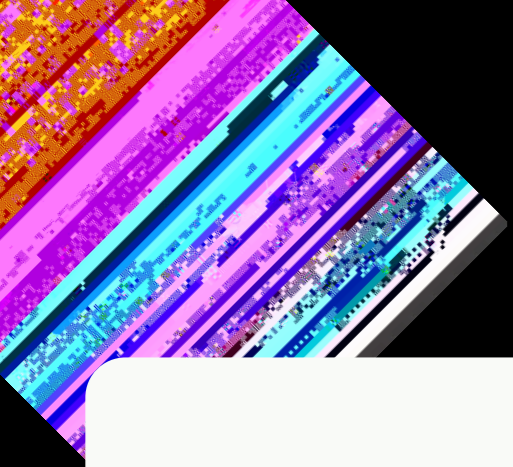




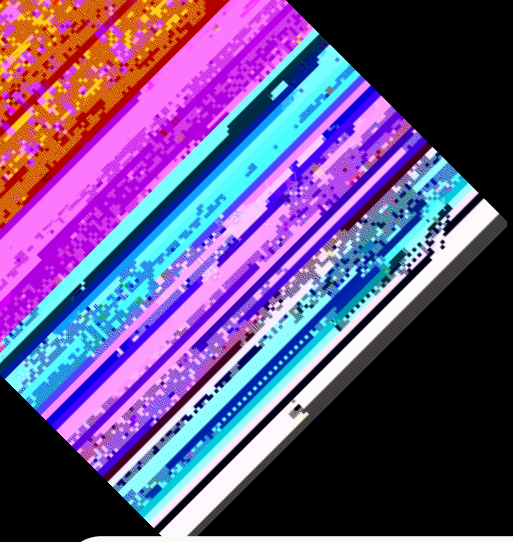




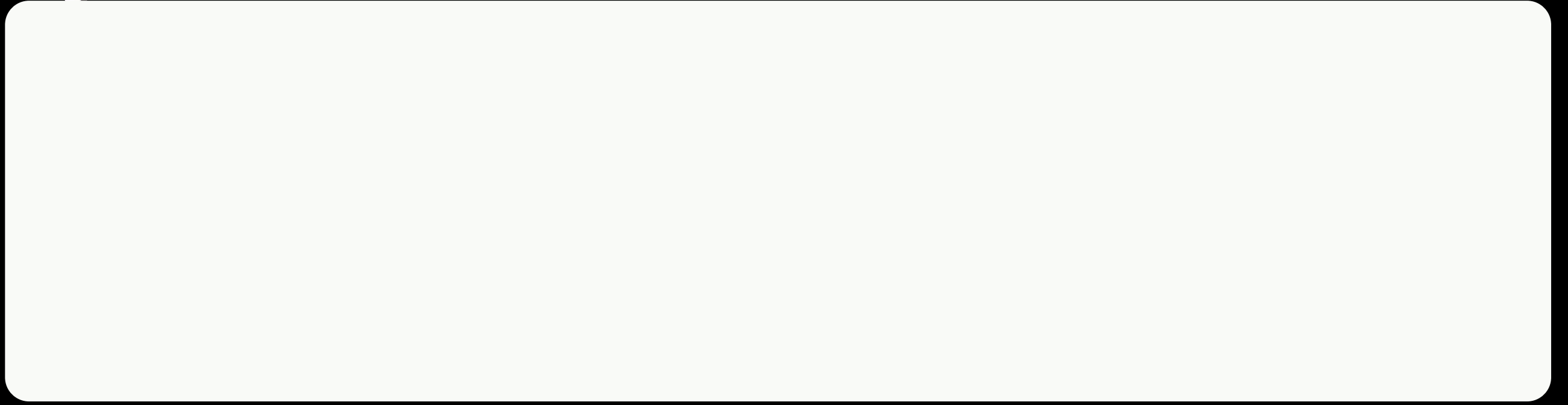


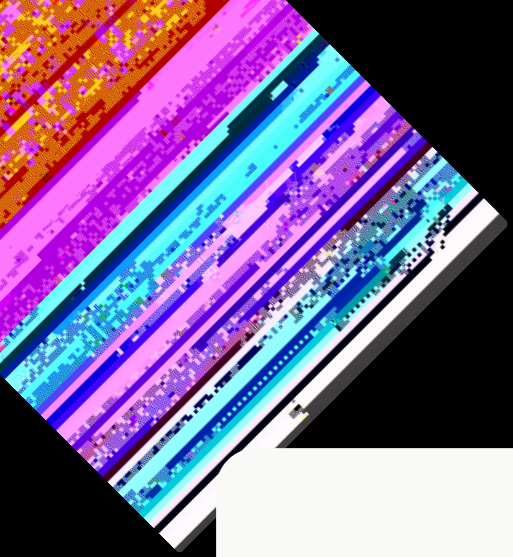




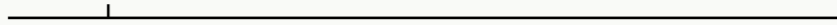


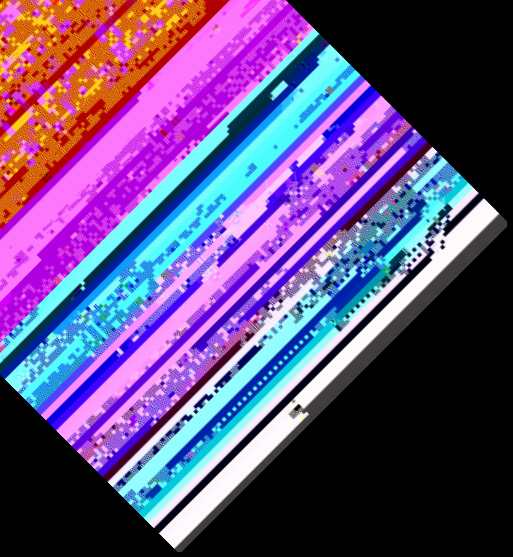
# STIS G750L Spectrum





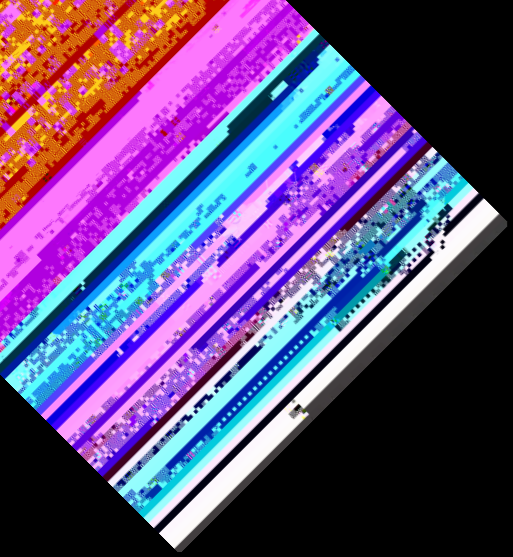
# HAT-P-1b: Na but no K



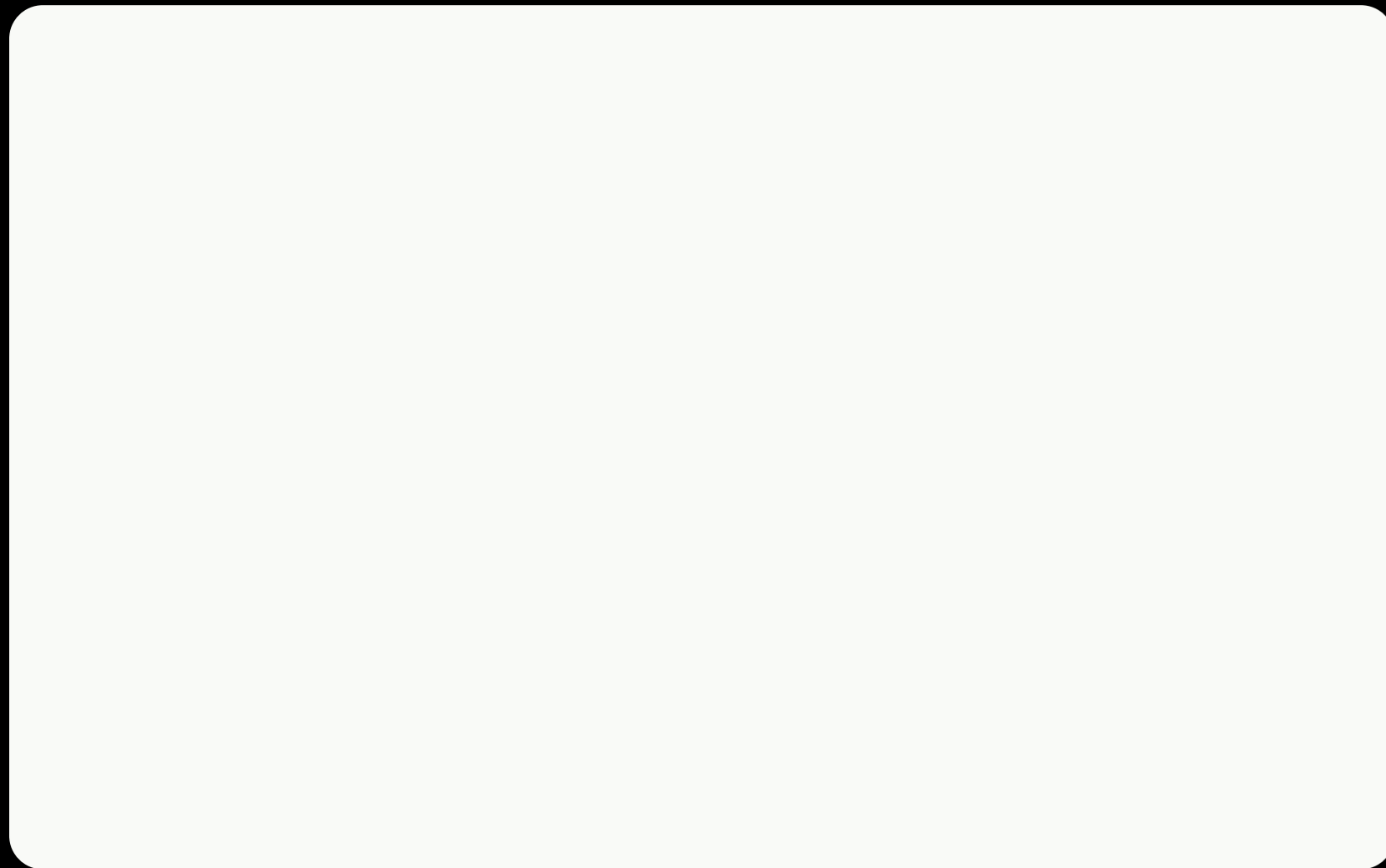


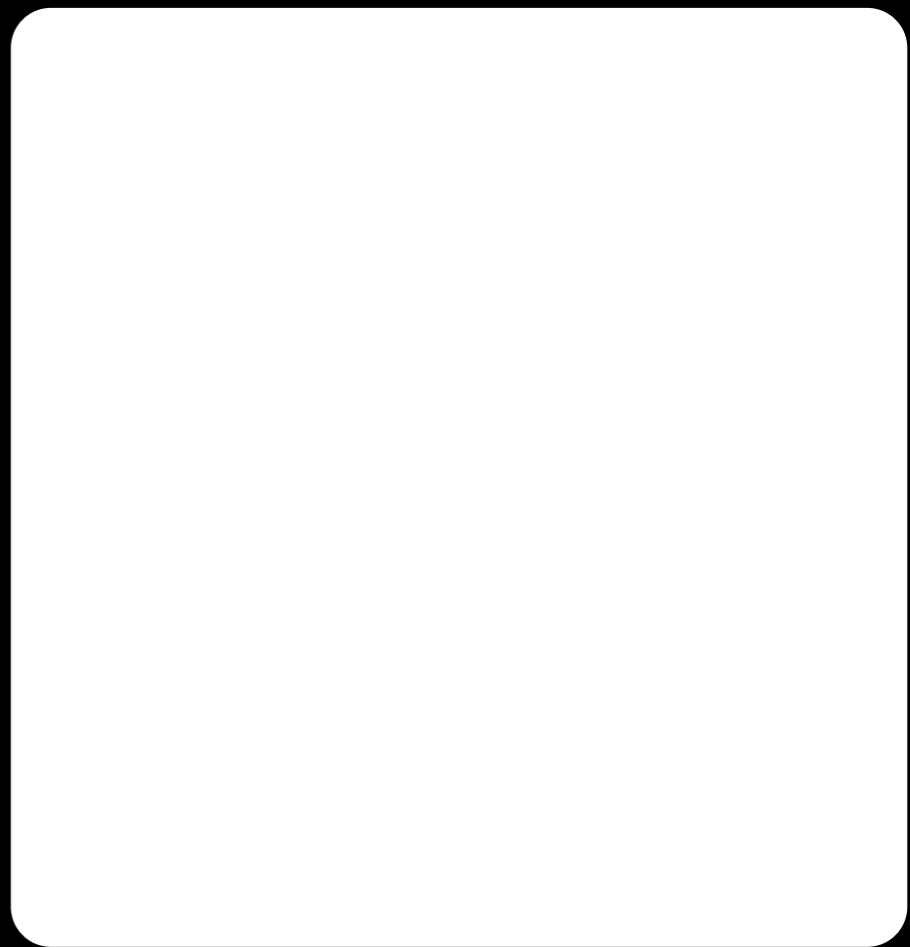
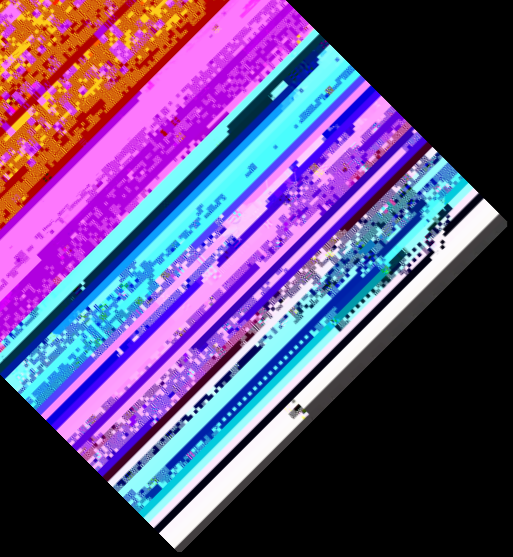
# STIS G430L Spectrum

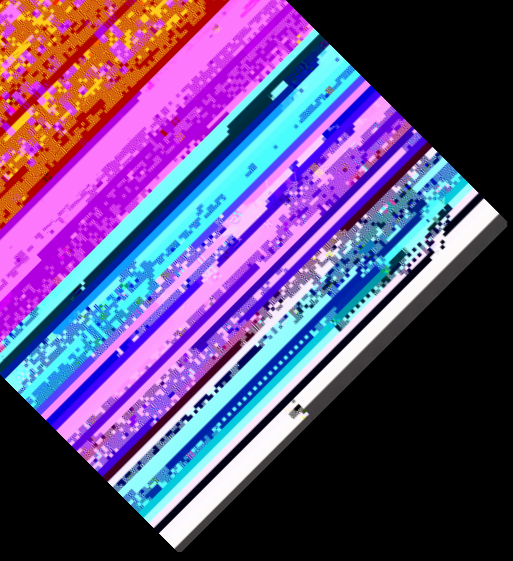


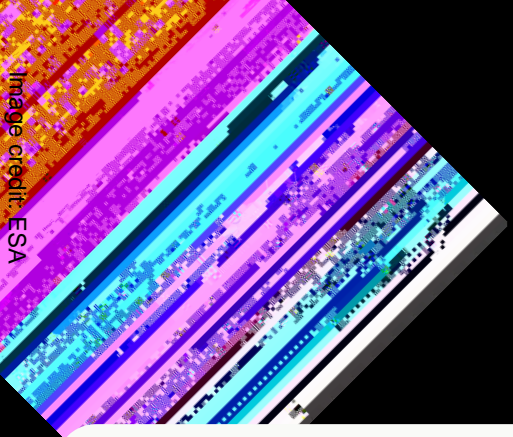


# STIS G430L Spectrum









# Combined Spectrum

Nikolov et al. (submitted to MNRAS)

HAT-P-1b: Na, H<sub>2</sub>O and







