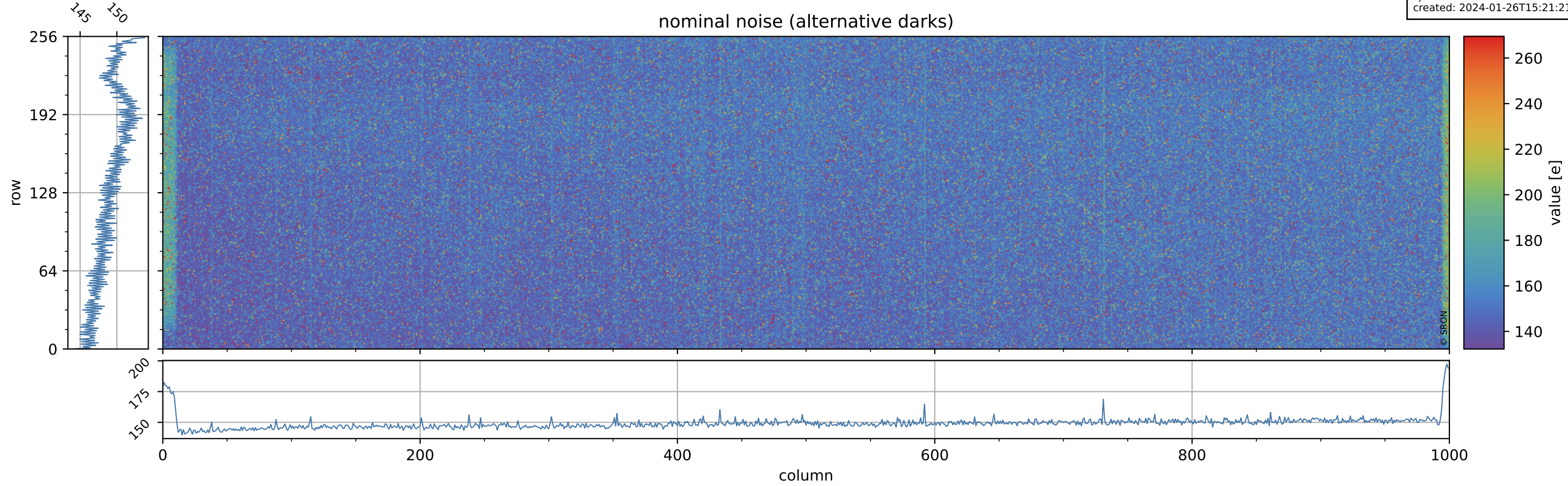


Tropomi SWIR background noise (swir)

orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
n_coad, t_exp: 1, 1.0783
median: 148.96 e
spread: 11.282 e
created: 2024-01-26T15:21:21Z

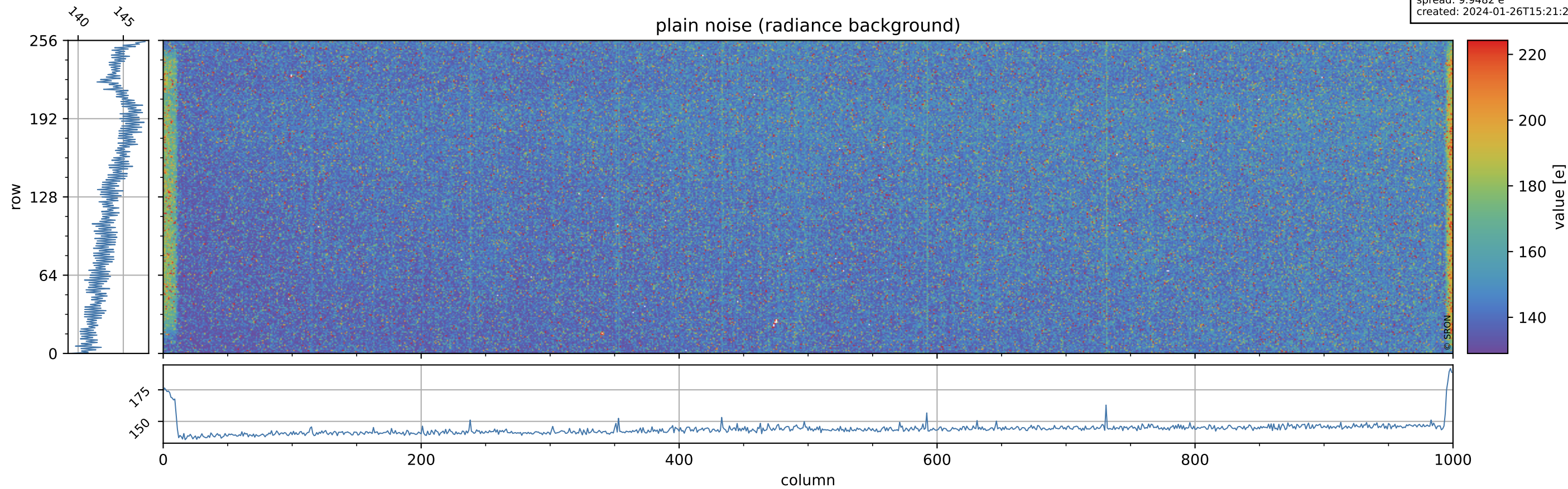
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
n_coad, t_exp: 1, 0.8383
median: 143.62 e
spread: 9.9482 e
created: 2024-01-26T15:21:21Z

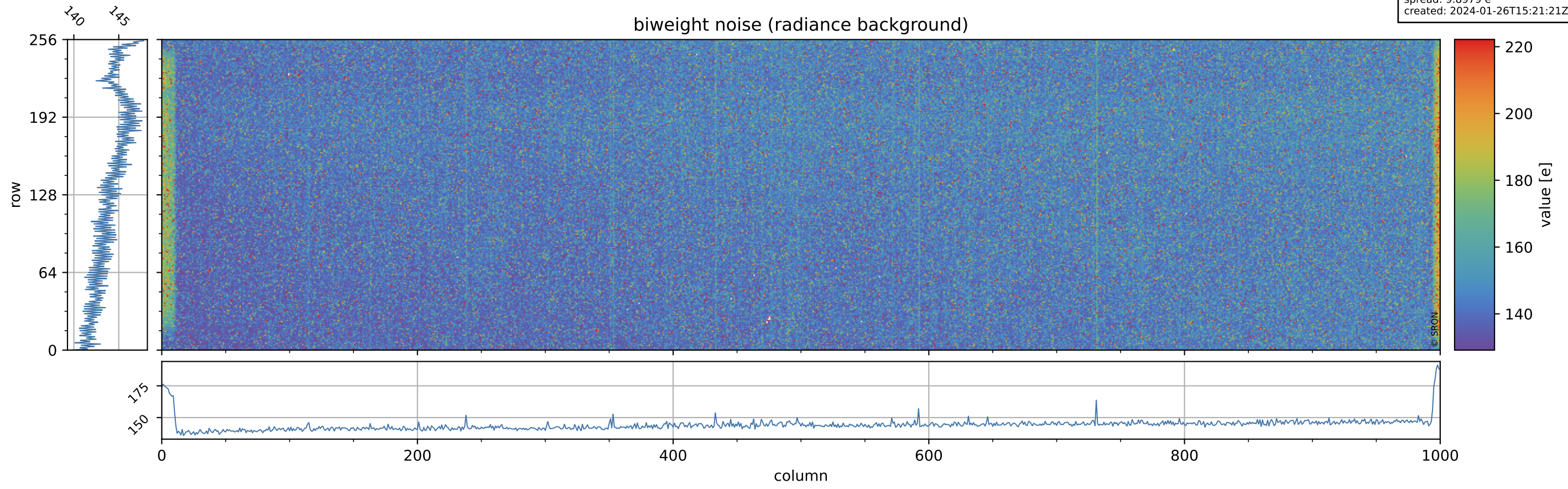
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
n_coad, t_exp: 1, 0.8383
median: 143.97 e
spread: 9.8979 e
created: 2024-01-26T15:21:21Z

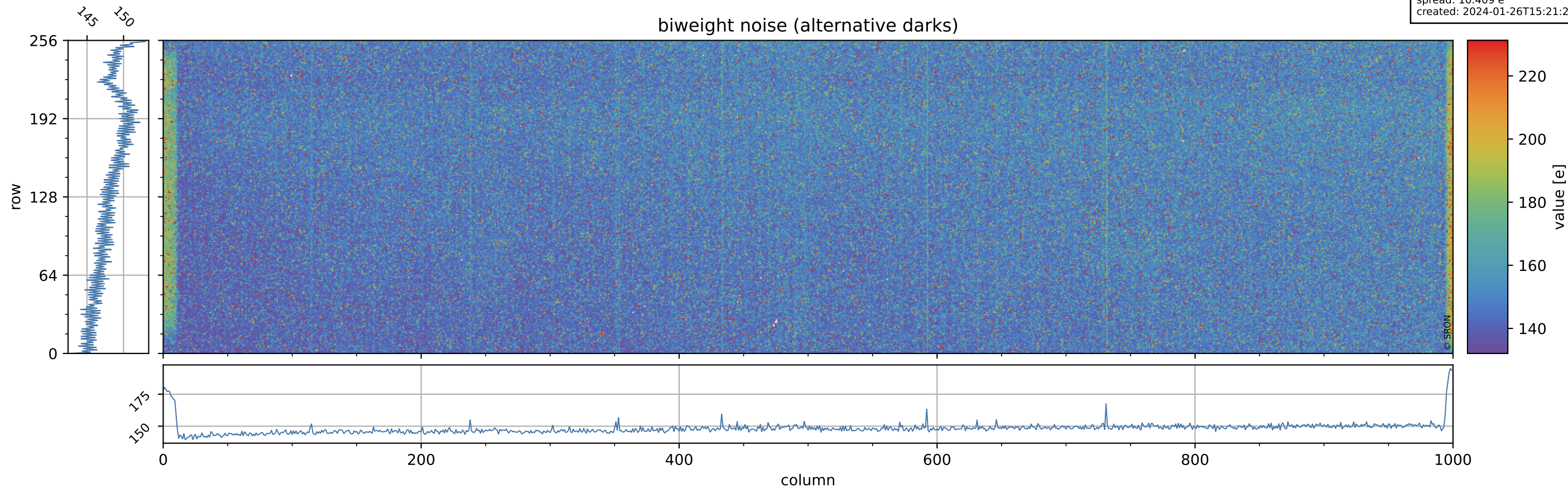
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
n_coad, t_exp: 1, 1.0783
median: 147.99 e
spread: 10.409 e
created: 2024-01-26T15:21:22Z

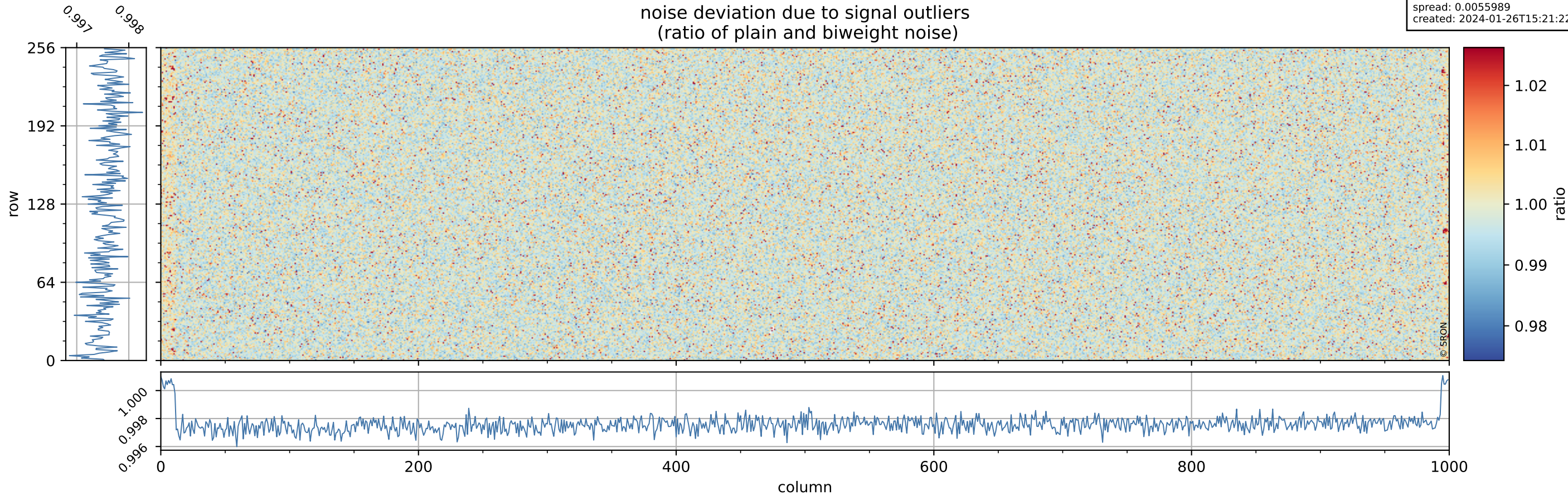
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

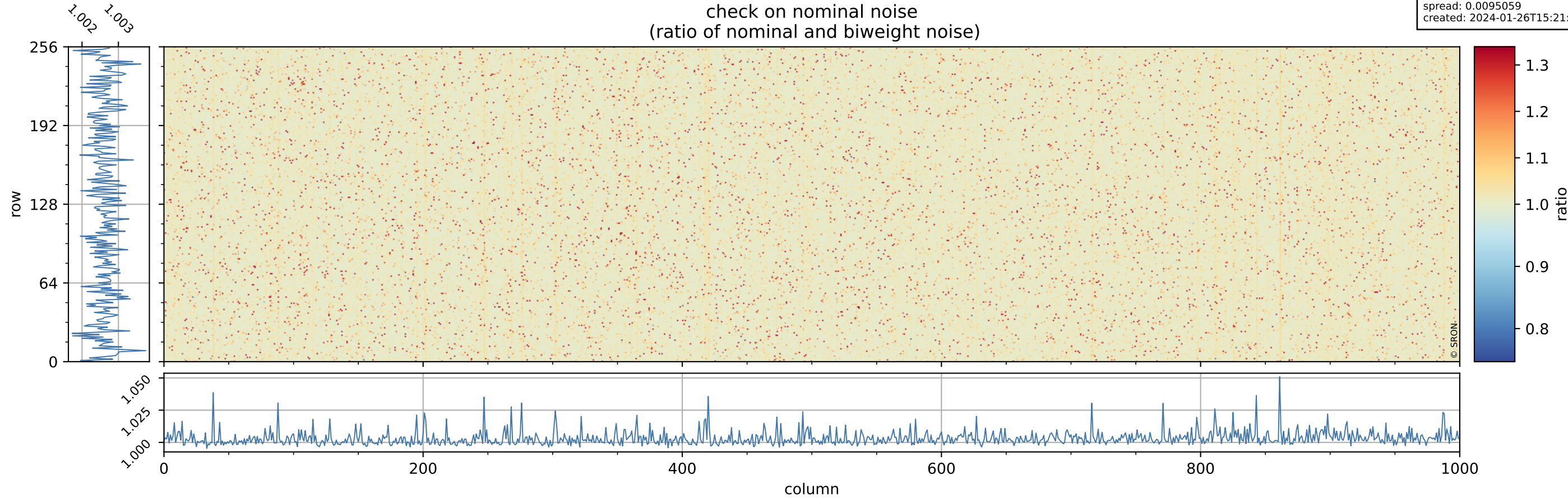
orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
median: 0.99756
spread: 0.0055989
created: 2024-01-26T15:21:22Z



Tropomi SWIR background noise (swir)

check on nominal noise
(ratio of nominal and biweight noise)

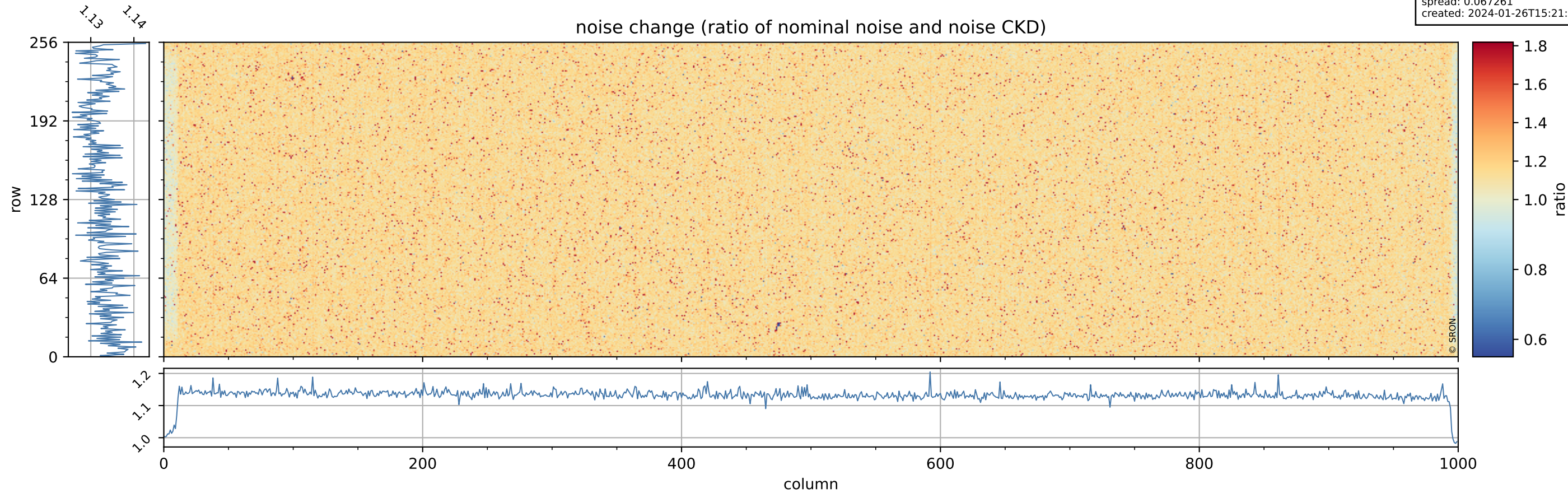
orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
median: 1.0024
spread: 0.0095059
created: 2024-01-26T15:21:22Z



Tropomi SWIR background noise (swir)

orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
median: 1.1312
spread: 0.067261
created: 2024-01-26T15:21:22Z

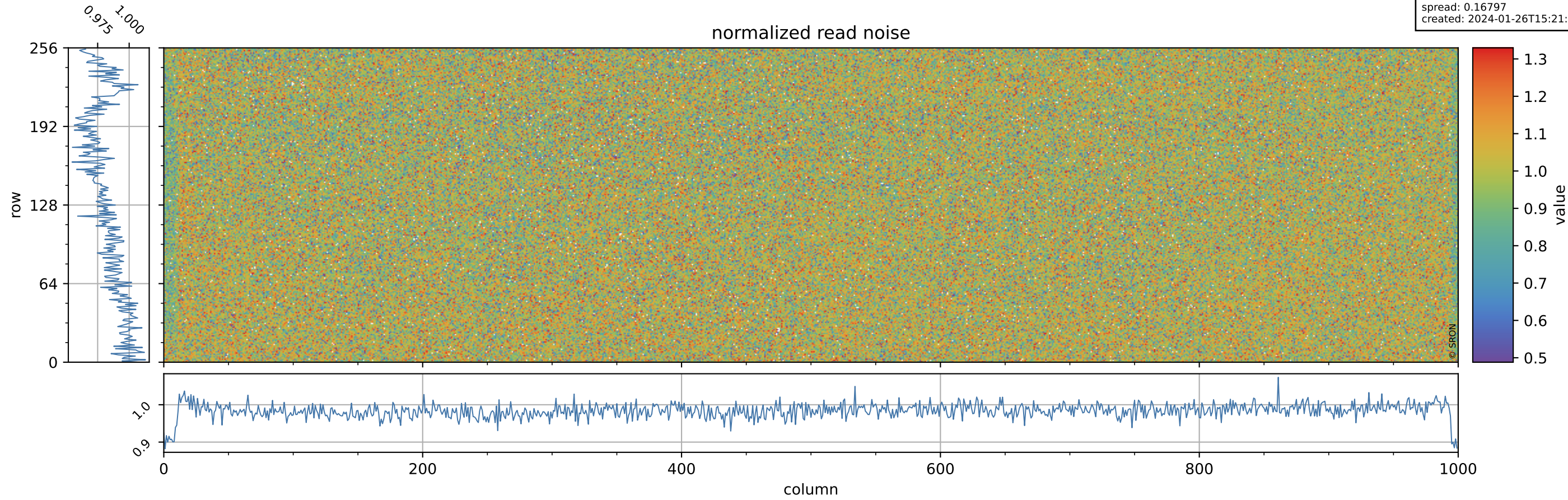
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
median: 0.982
spread: 0.16797
created: 2024-01-26T15:21:23Z

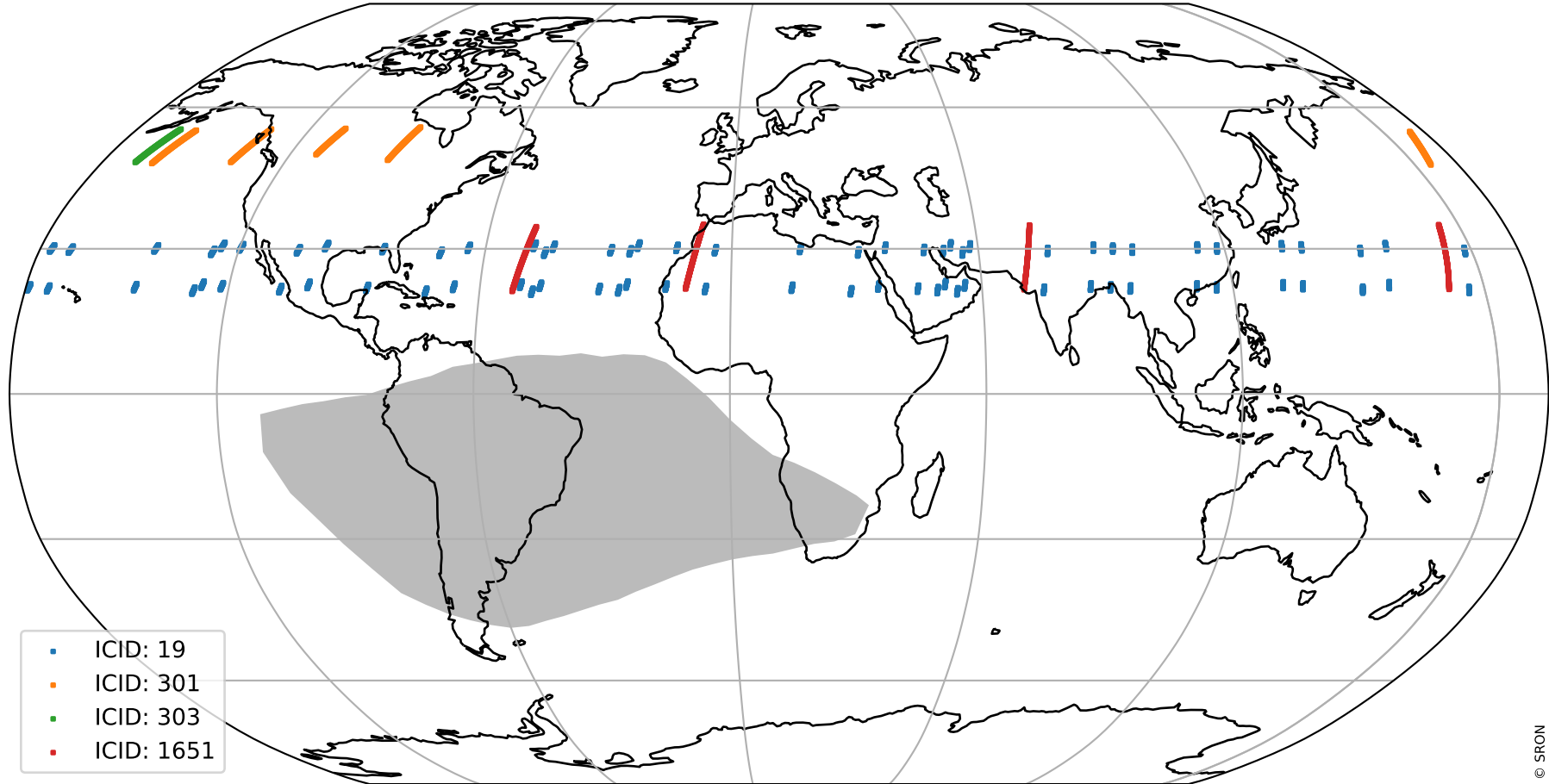
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 10 in [32497, 32572]
coverage: 2024-01-20 / 2024-01-25
created: 2024-01-26T15:21:23Z

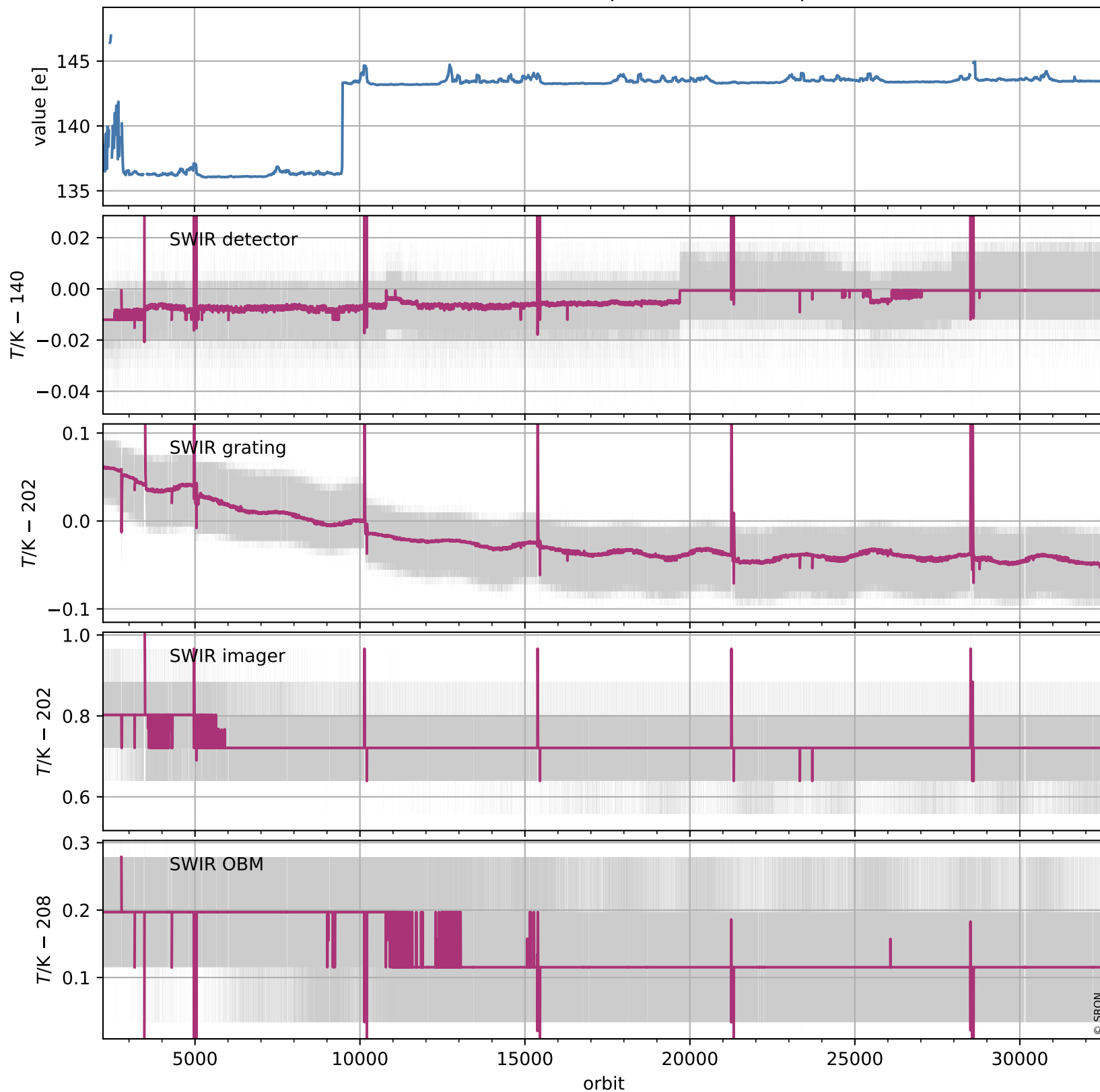
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32572]
coverage: 2018-03-18 / 2024-01-25
created: 2024-01-26T15:21:24Z

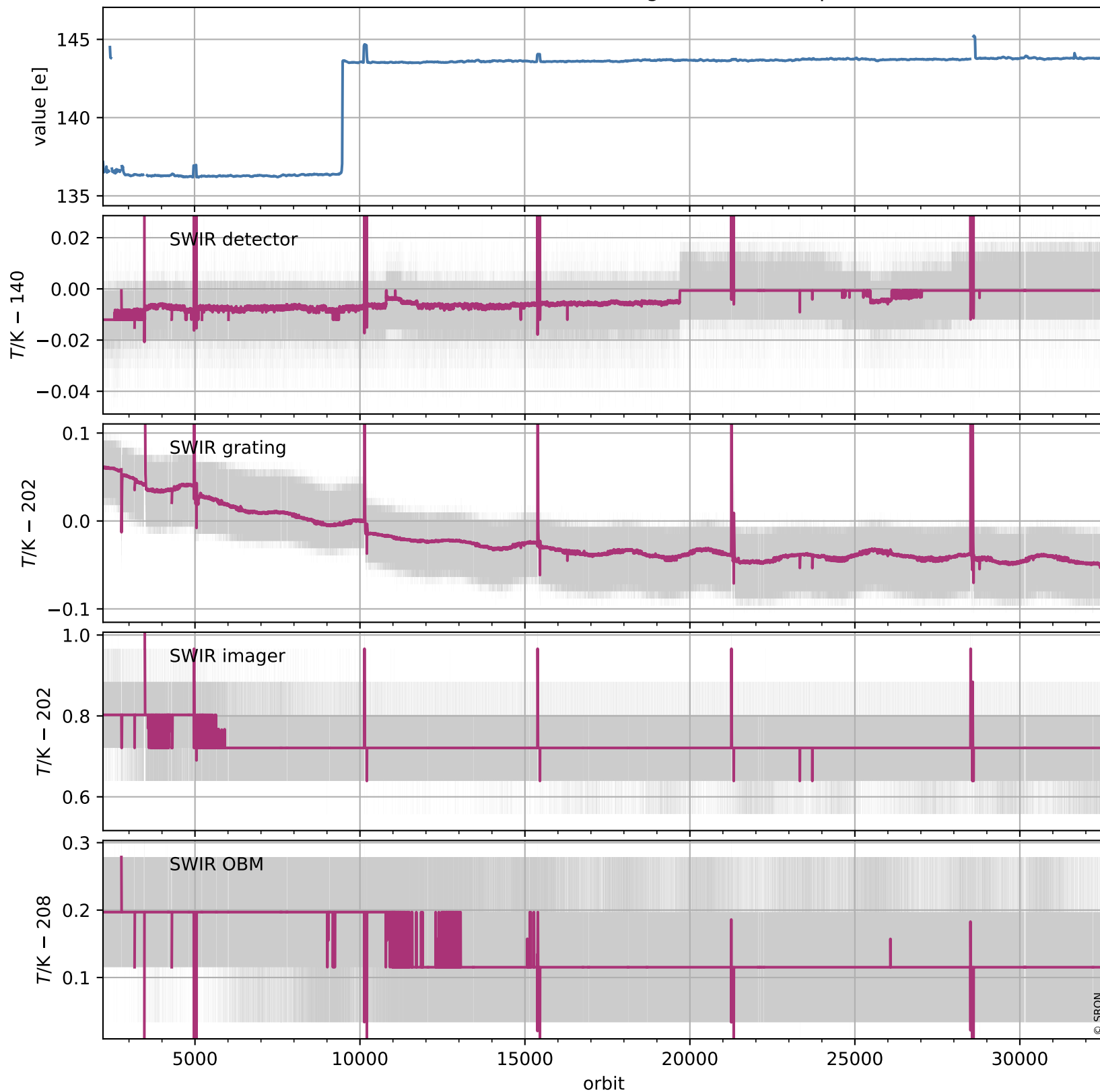
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32572]
coverage: 2018-03-18 / 2024-01-25
created: 2024-01-26T15:21:25Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32572]
coverage: 2018-03-18 / 2024-01-25
created: 2024-01-26T15:21:26Z

trend of normalized read-noise & temperatures

