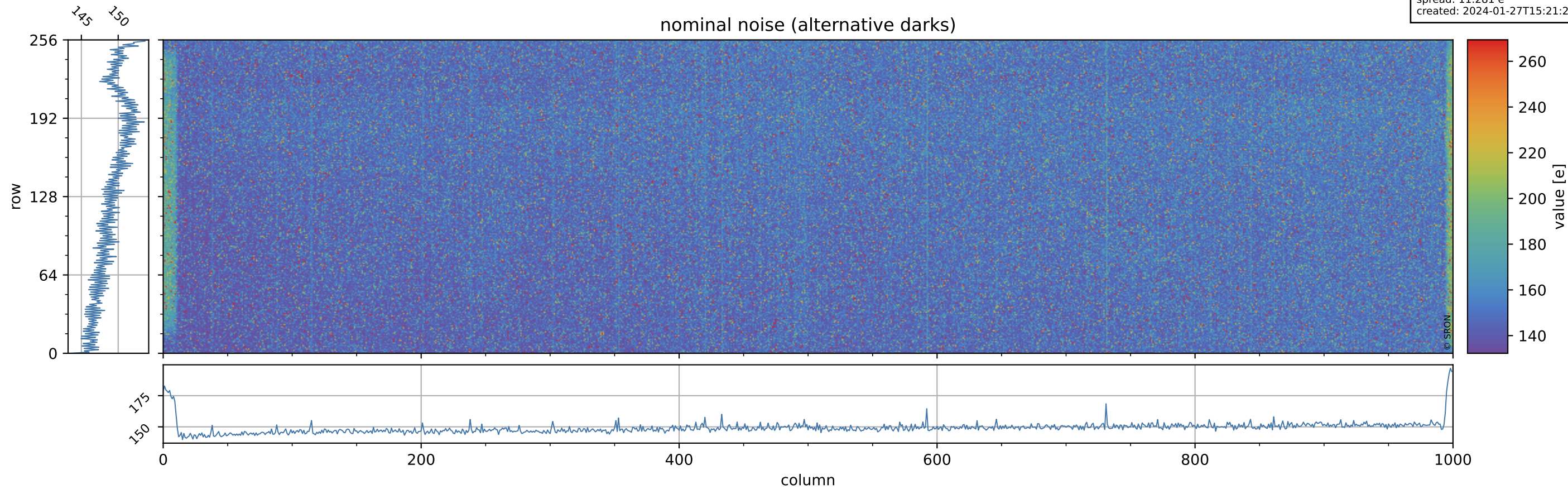


Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
n_coad, t_exp: 1, 1.0783
median: 148.97 e
spread: 11.281 e
created: 2024-01-27T15:21:25Z

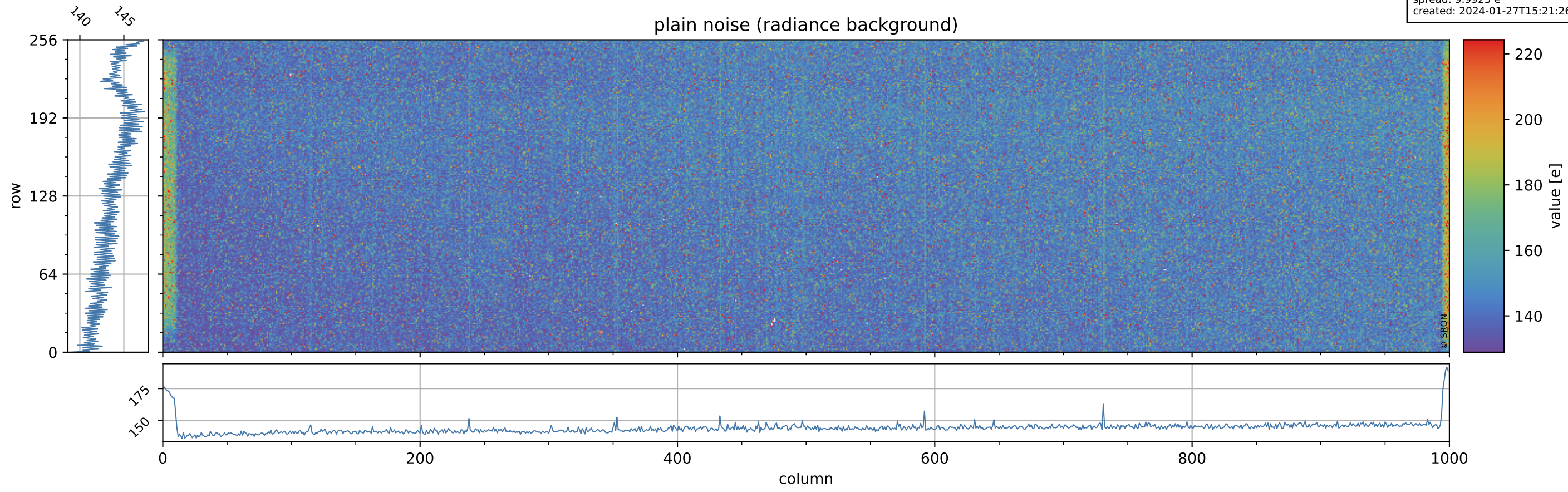
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
n_coad, t_exp: 1, 0.8383
median: 143.63 e
spread: 9.9925 e
created: 2024-01-27T15:21:26Z

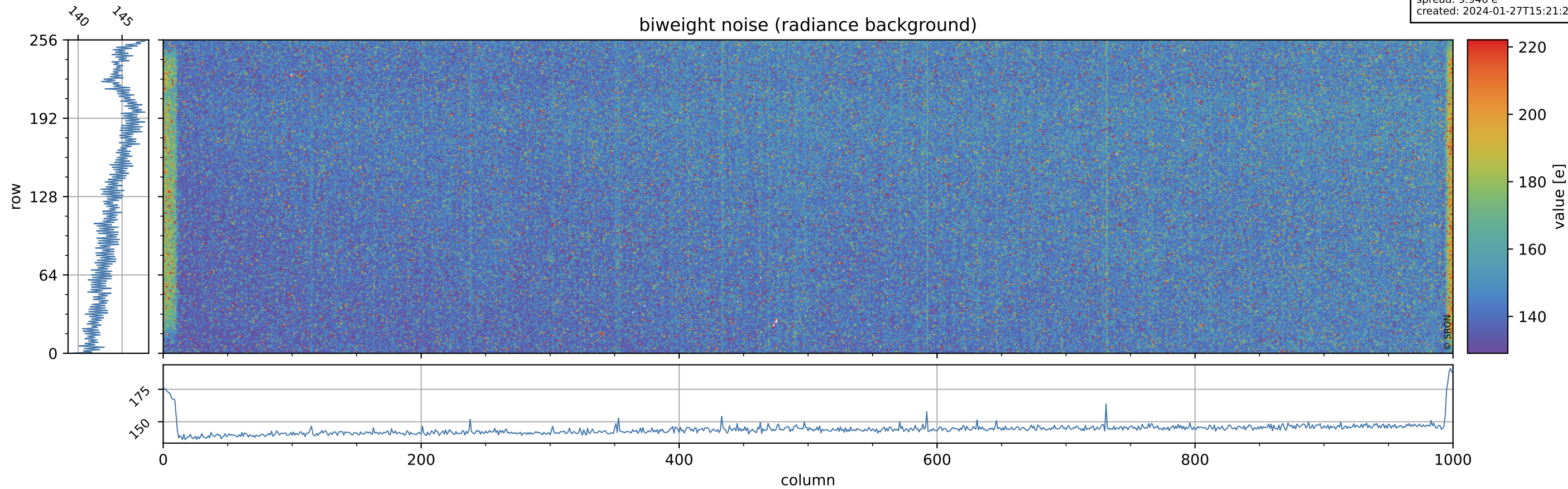
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
n_coad, t_exp: 1, 0.8383
median: 143.97 e
spread: 9.946 e
created: 2024-01-27T15:21:26Z

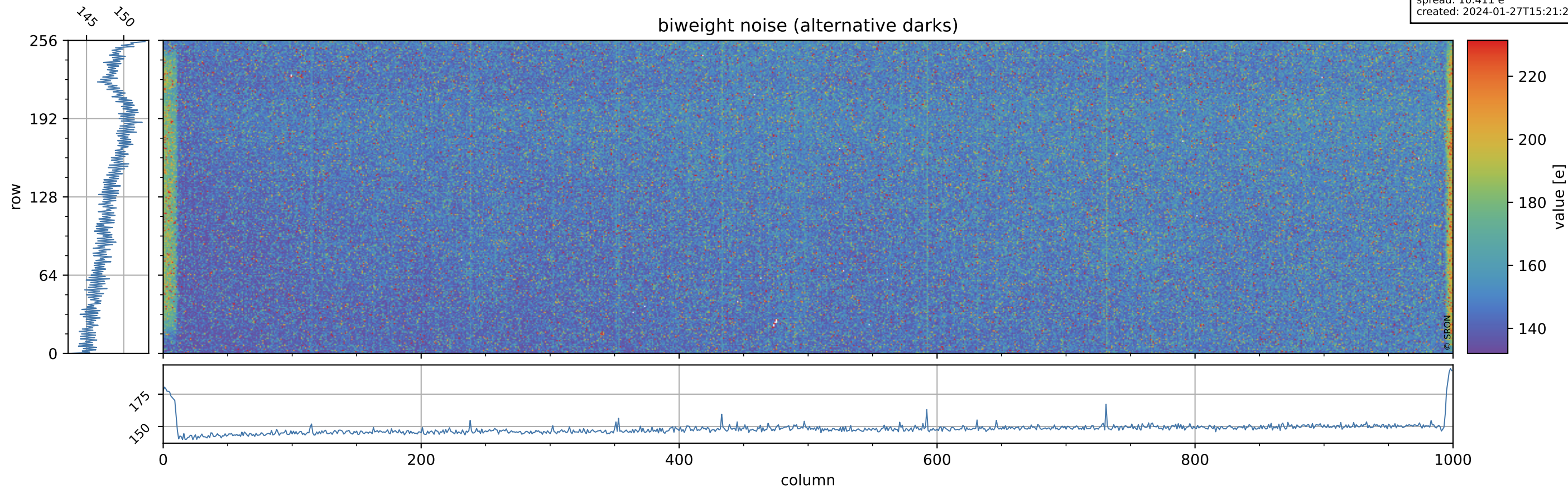
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
n_coad, t_exp: 1, 1.0783
median: 147.99 e
spread: 10.411 e
created: 2024-01-27T15:21:26Z

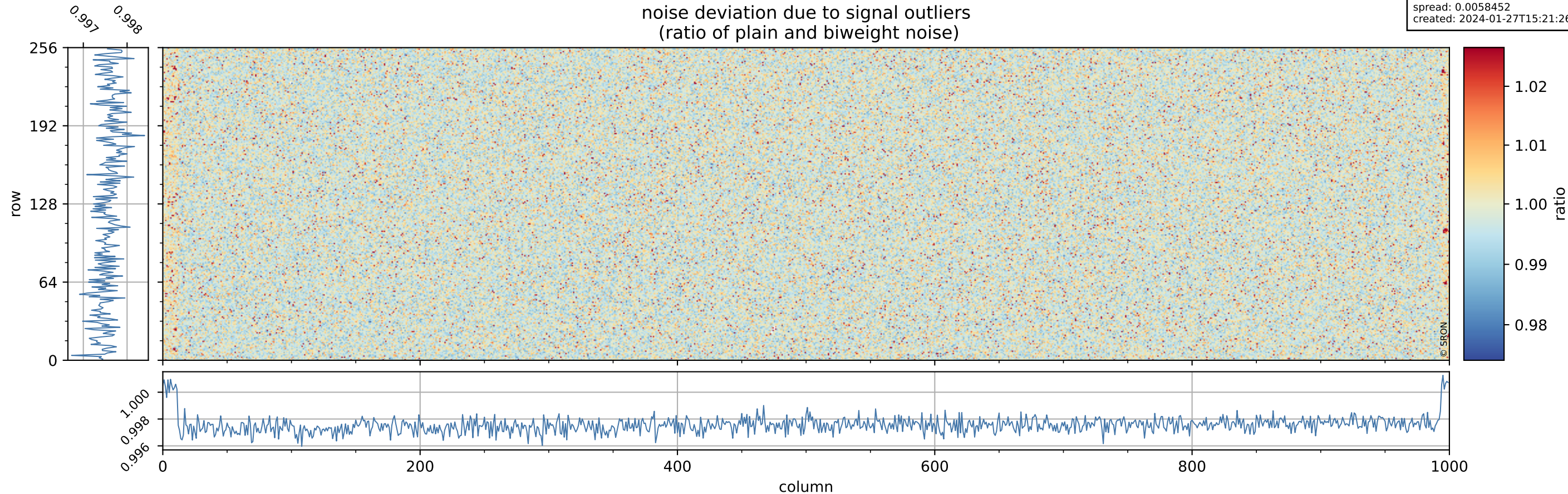
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
median: 0.99756
spread: 0.0058452
created: 2024-01-27T15:21:26Z

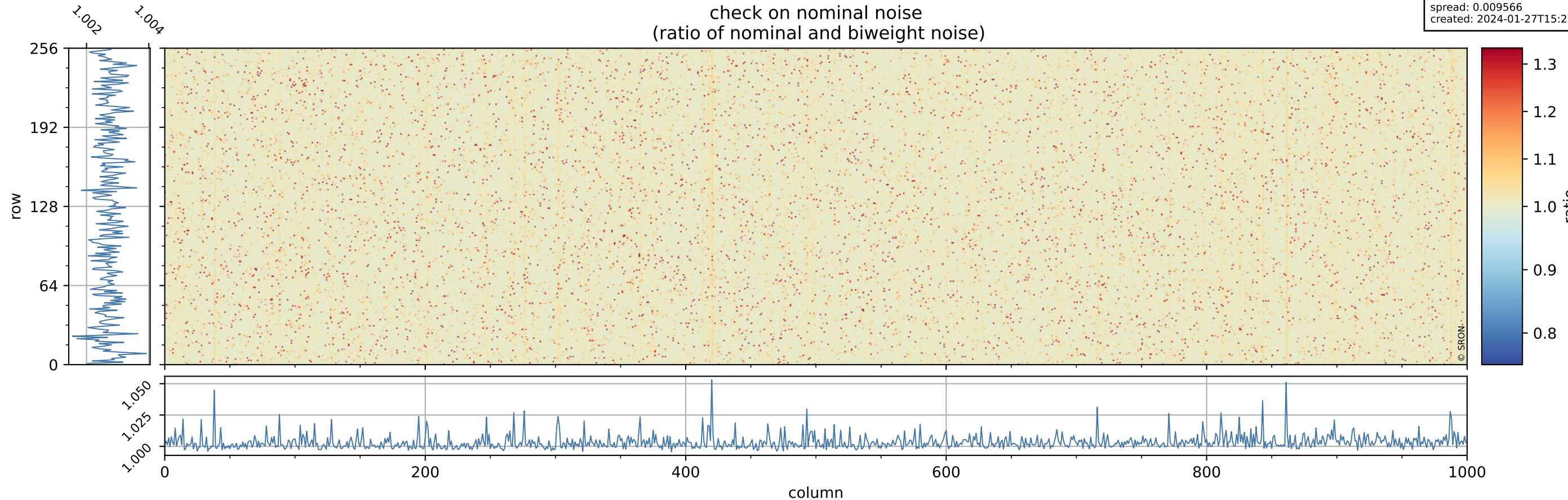
noise deviation due to signal outliers (ratio of plain and biweight noise)



Tropomi SWIR background noise (swir)

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

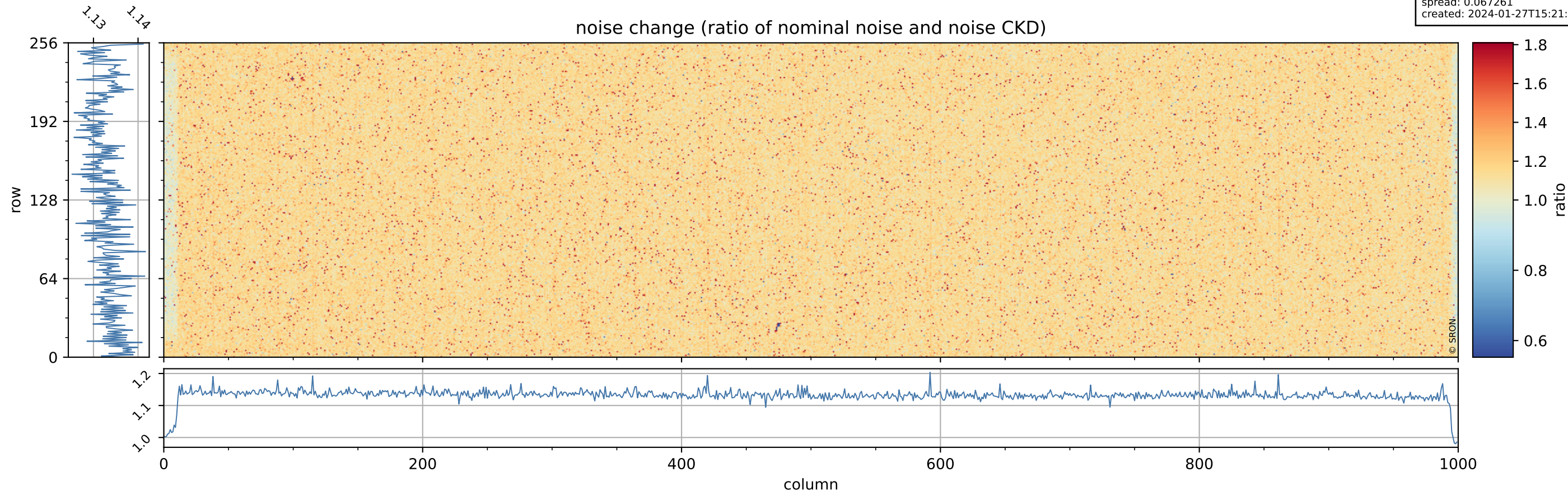
orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
median: 1.0025
spread: 0.009566
created: 2024-01-27T15:21:27Z



Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
median: 1.1314
spread: 0.067261
created: 2024-01-27T15:21:27Z

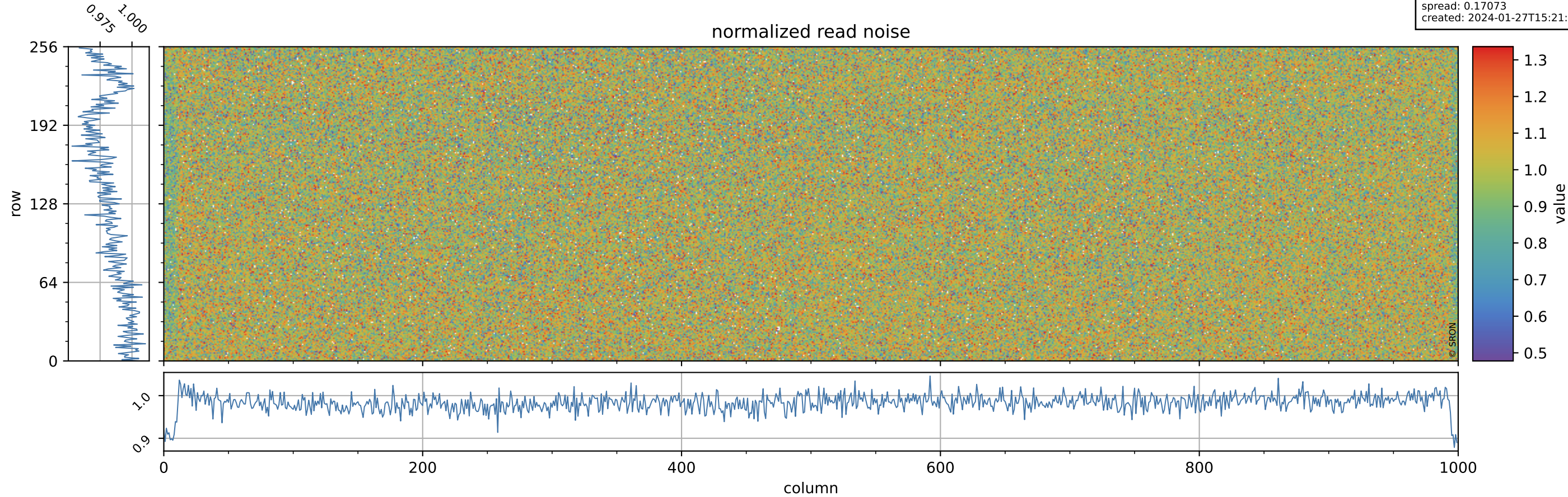
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
median: 0.98174
spread: 0.17073
created: 2024-01-27T15:21:27Z

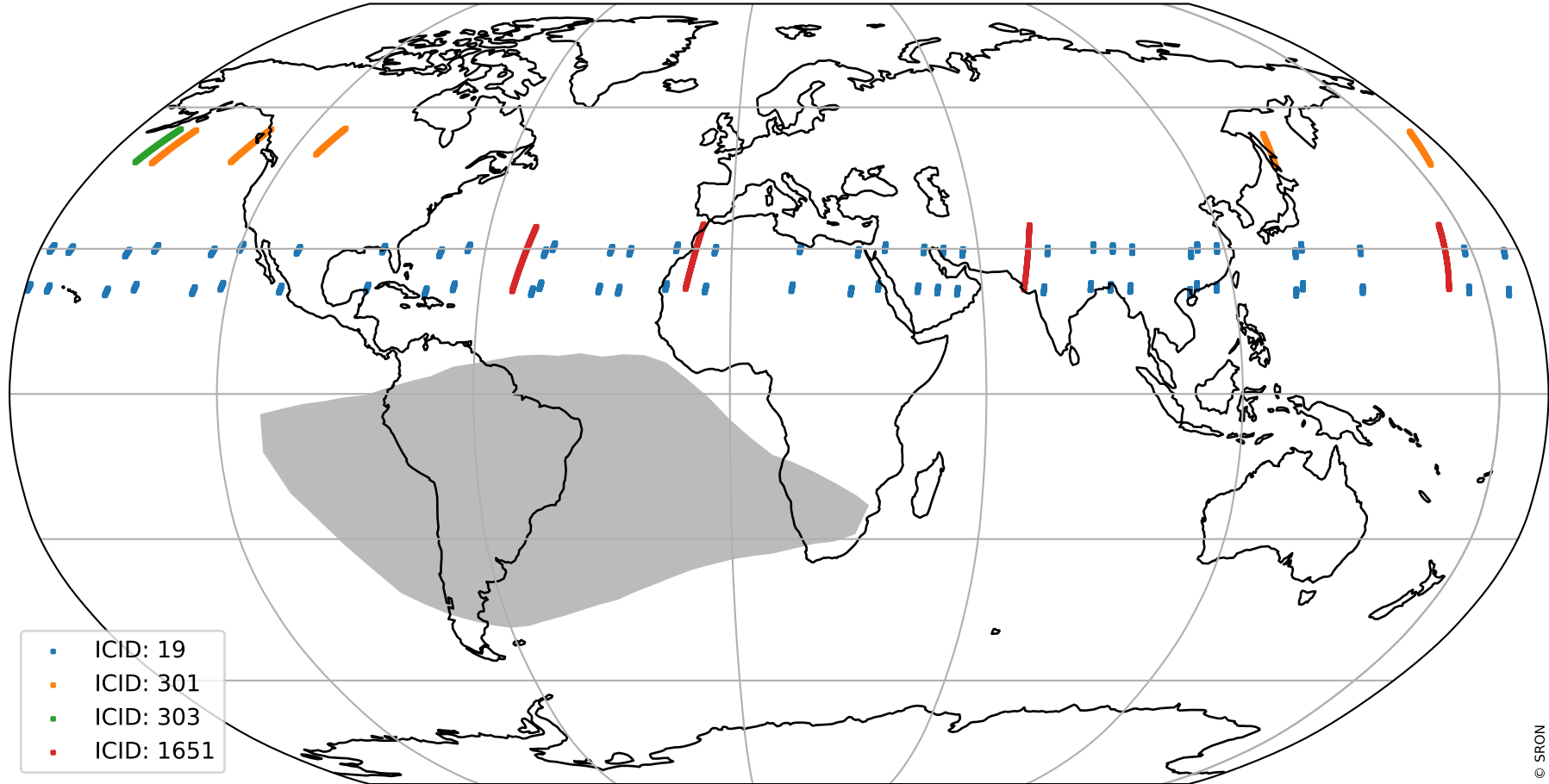
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 10 in [32512, 32587]
coverage: 2024-01-21 / 2024-01-26
created: 2024-01-27T15:21:27Z

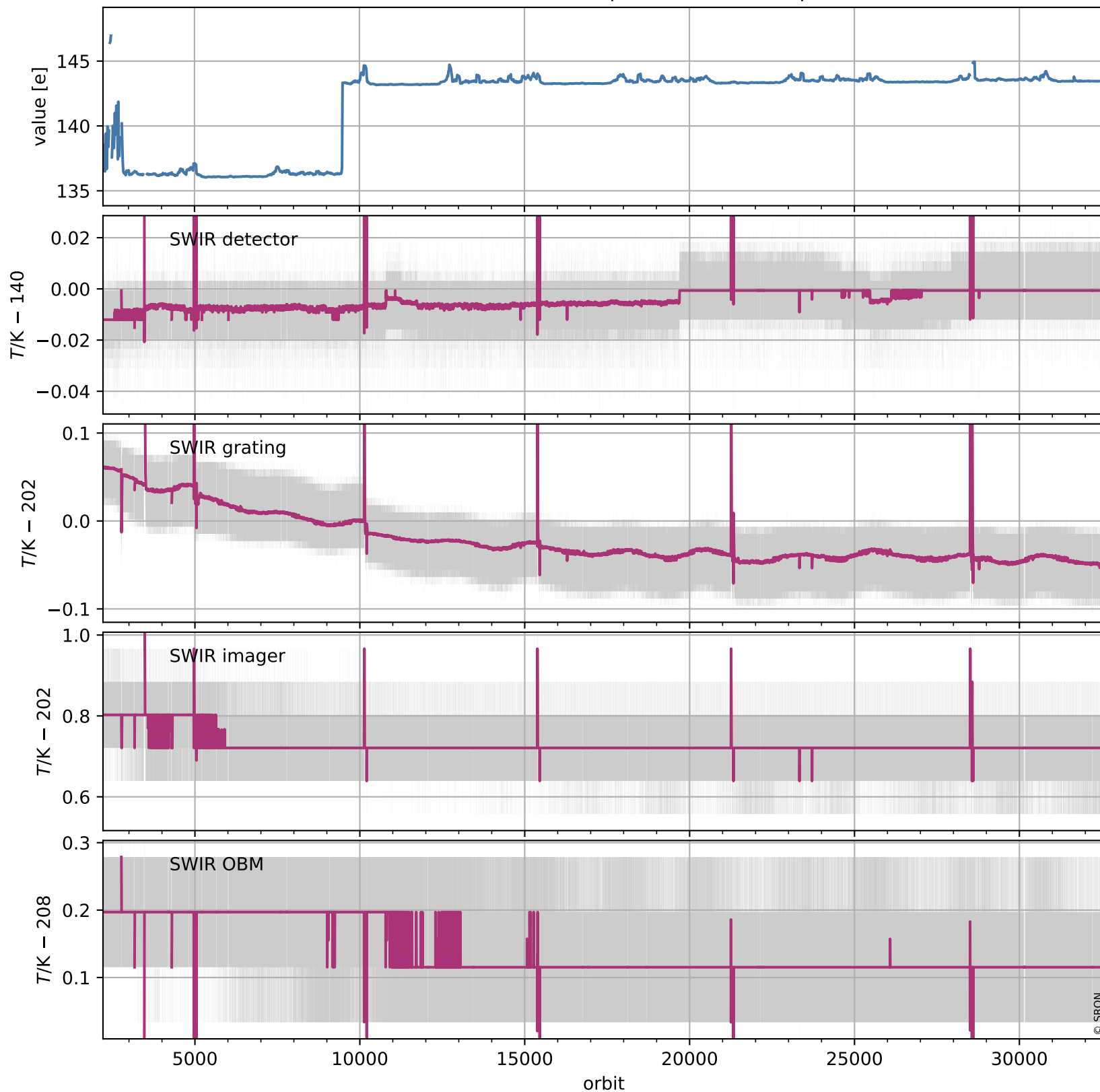
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32587]
coverage: 2018-03-18 / 2024-01-26
created: 2024-01-27T15:21:28Z

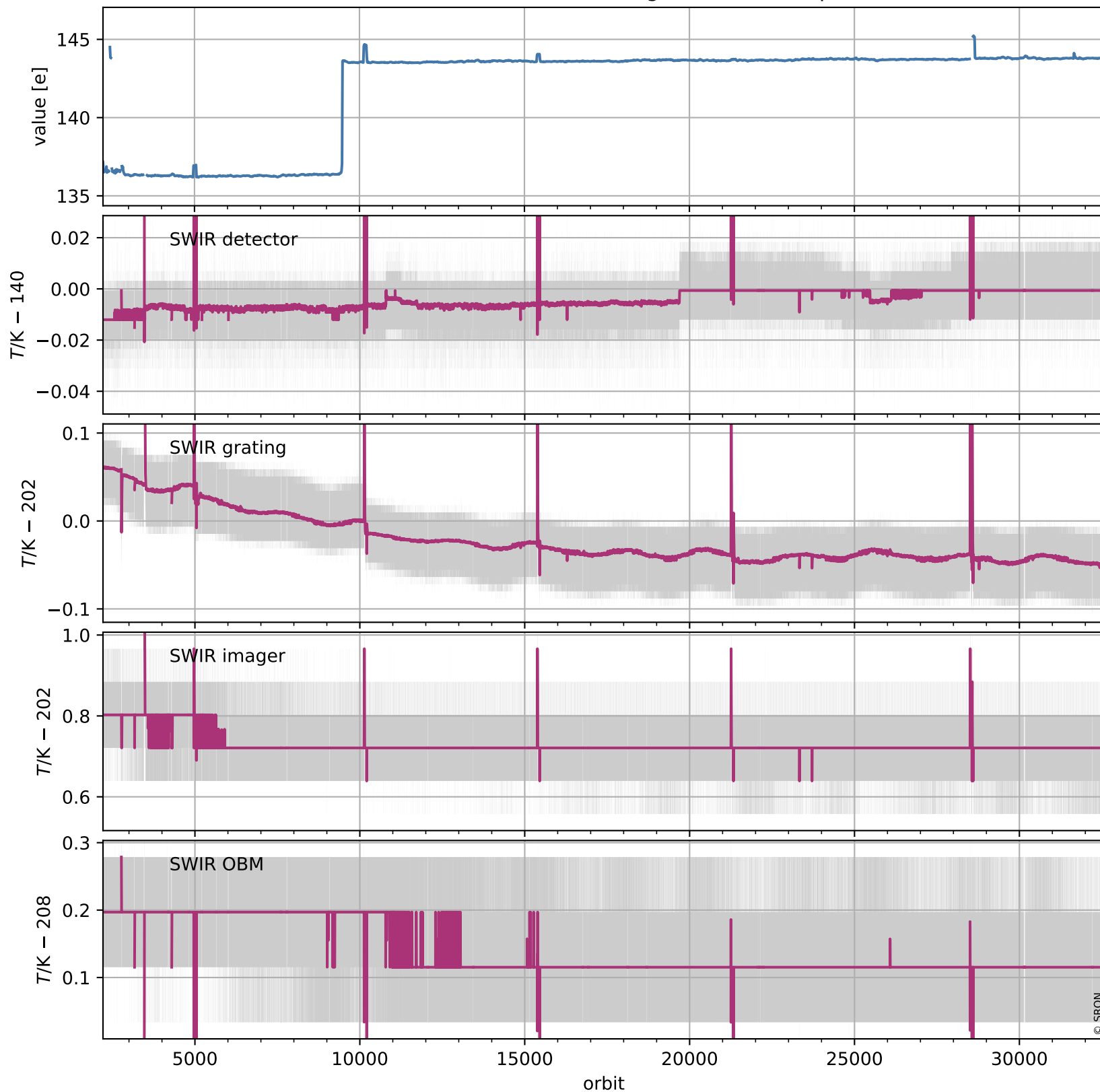
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32587]
coverage: 2018-03-18 / 2024-01-26
created: 2024-01-27T15:21:29Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32587]
coverage: 2018-03-18 / 2024-01-26
created: 2024-01-27T15:21:30Z

trend of normalized read-noise & temperatures

