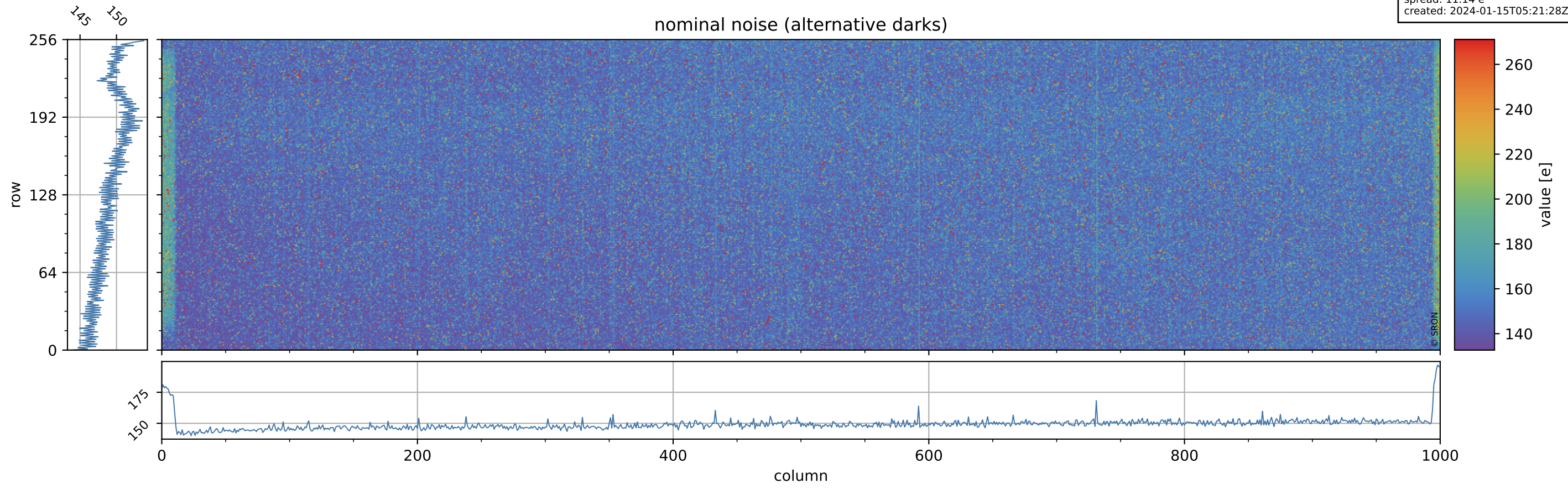


Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
n_coad, t_exp: 1, 1.0783
median: 148.98 e
spread: 11.14 e
created: 2024-01-15T05:21:28Z

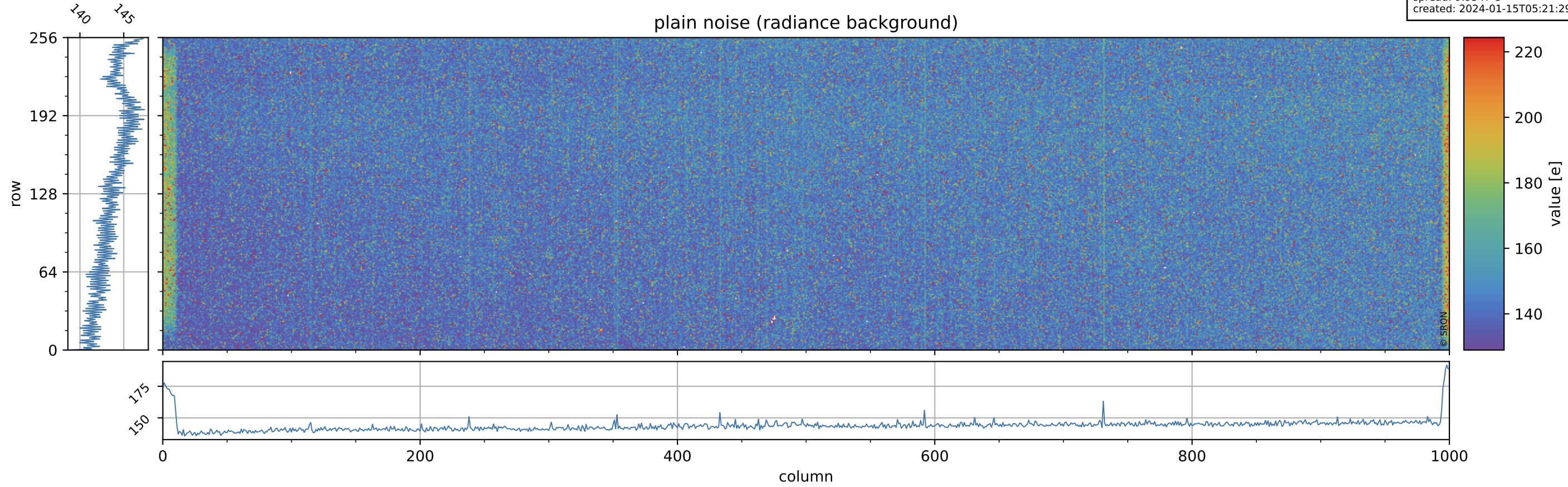
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
n_coad, t_exp: 1, 0.8383
median: 143.6 e
spread: 9.9547 e
created: 2024-01-15T05:21:29Z

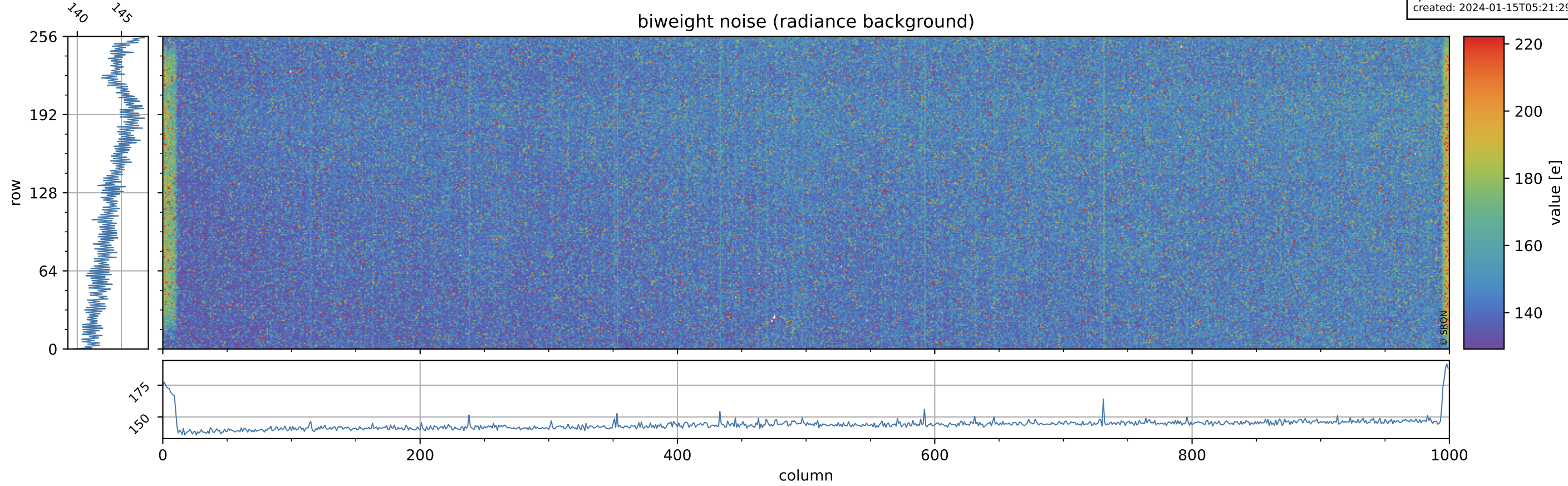
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
n_coad, t_exp: 1, 0.8383
median: 143.92 e
spread: 9.9007 e
created: 2024-01-15T05:21:29Z

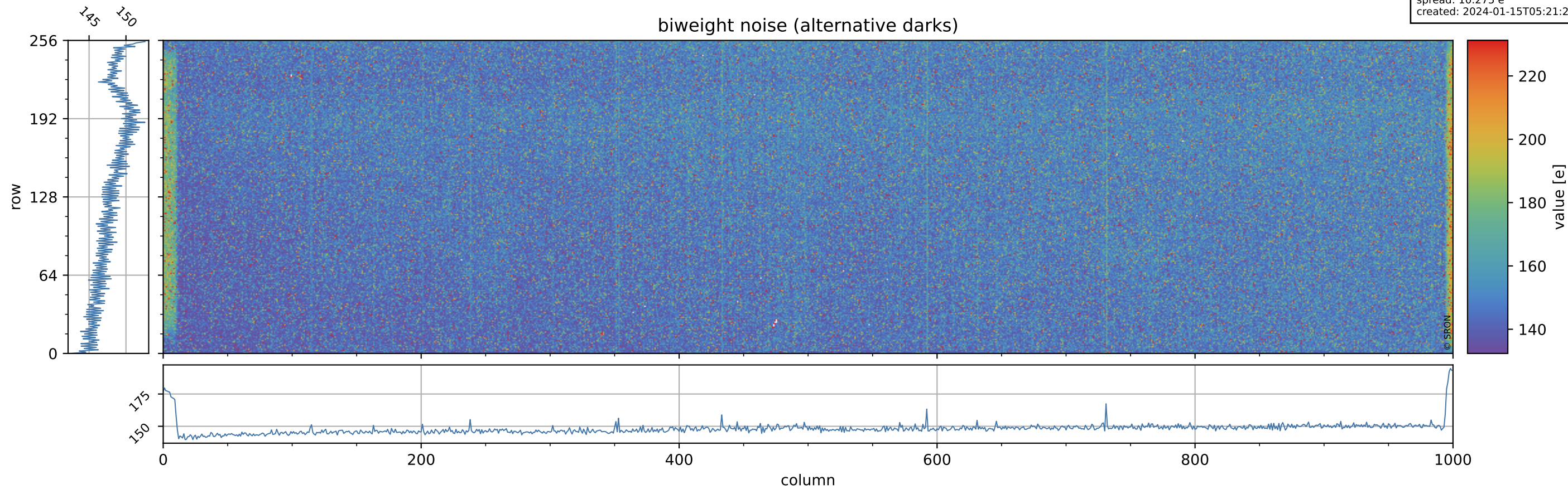
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
n_coad, t_exp: 1, 1.0783
median: 147.93 e
spread: 10.275 e
created: 2024-01-15T05:21:29Z

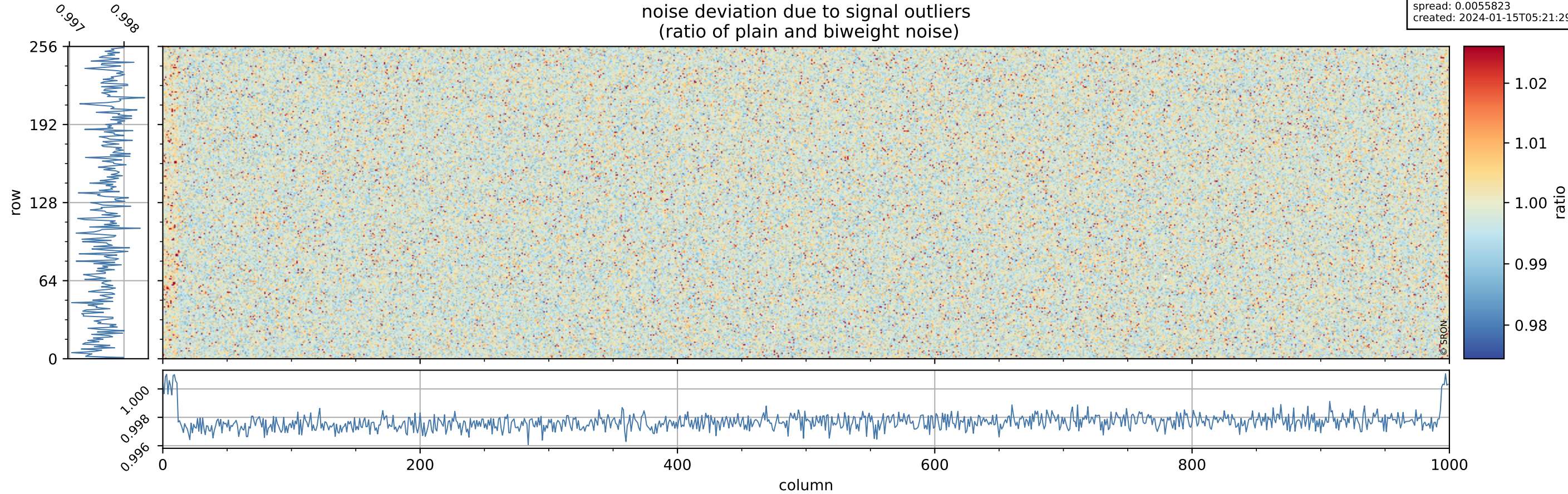
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
median: 0.99768
spread: 0.0055823
created: 2024-01-15T05:21:29Z

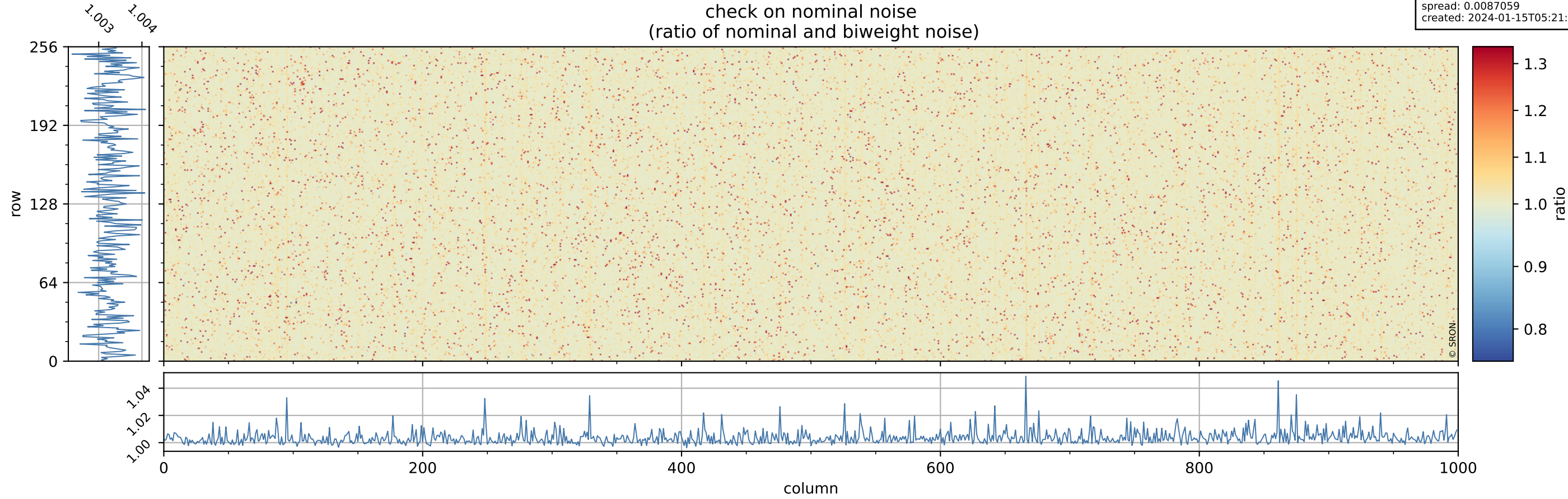
noise deviation due to signal outliers
(ratio of plain and biweight noise)



Tropomi SWIR background noise (swir)

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

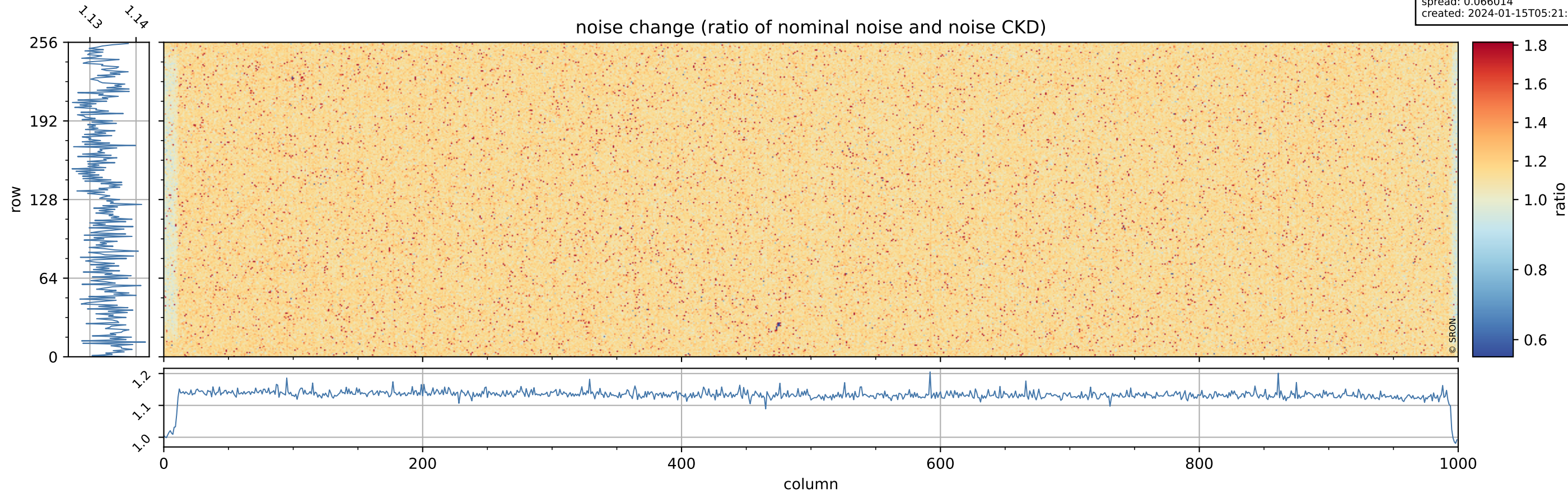
orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
median: 1.003
spread: 0.0087059
created: 2024-01-15T05:21:30Z



Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
median: 1.1317
spread: 0.066014
created: 2024-01-15T05:21:30Z

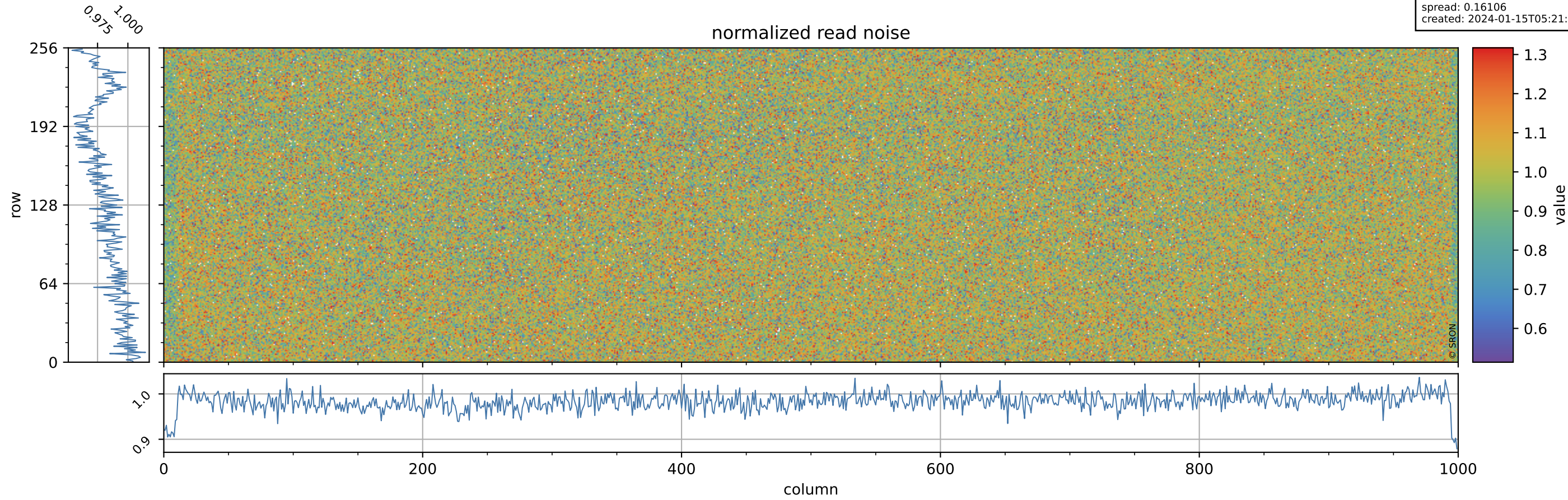
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
median: 0.98184
spread: 0.16106
created: 2024-01-15T05:21:30Z

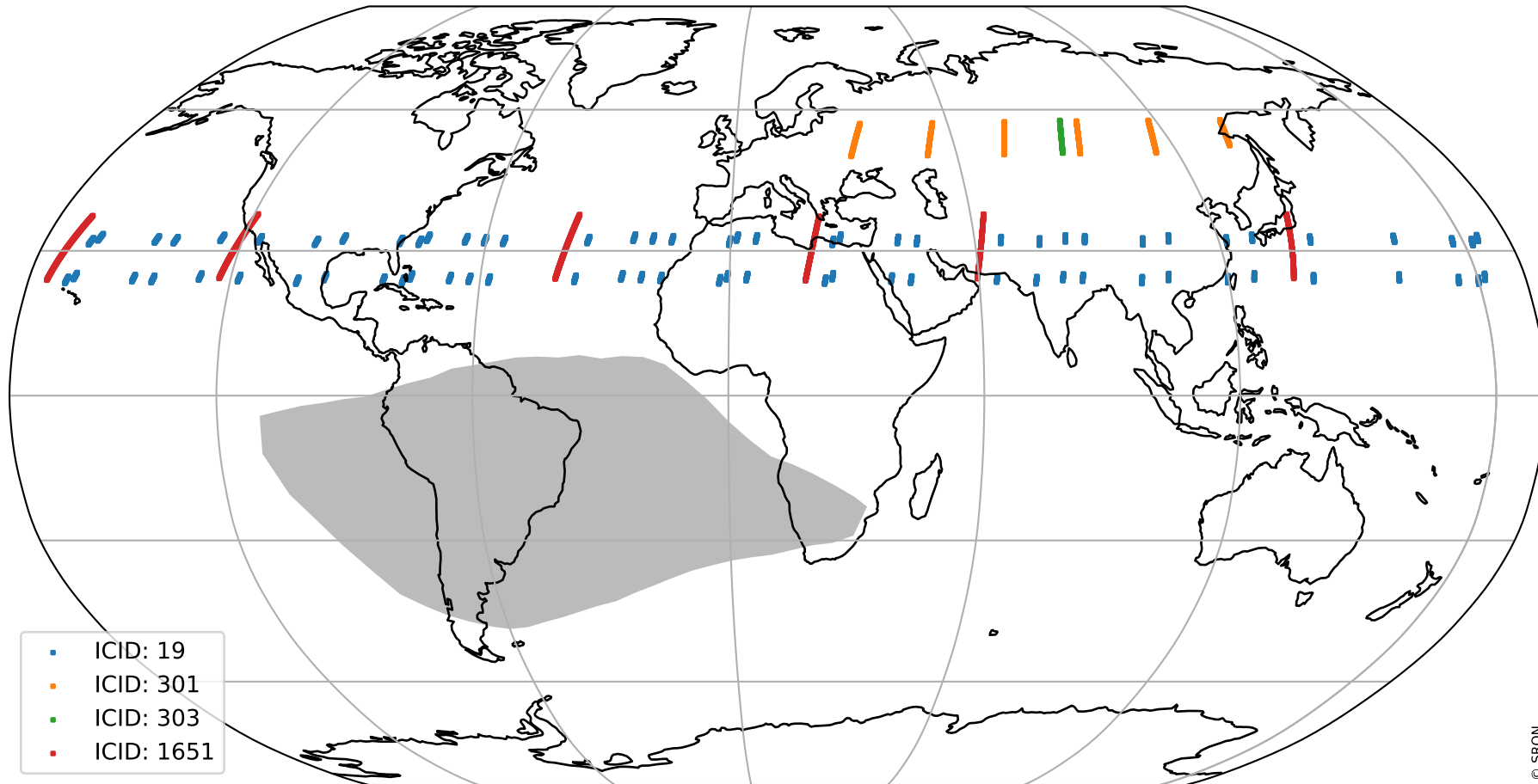
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 13 in [32332, 32407]
coverage: 2024-01-08 / 2024-01-14
created: 2024-01-15T05:21:30Z

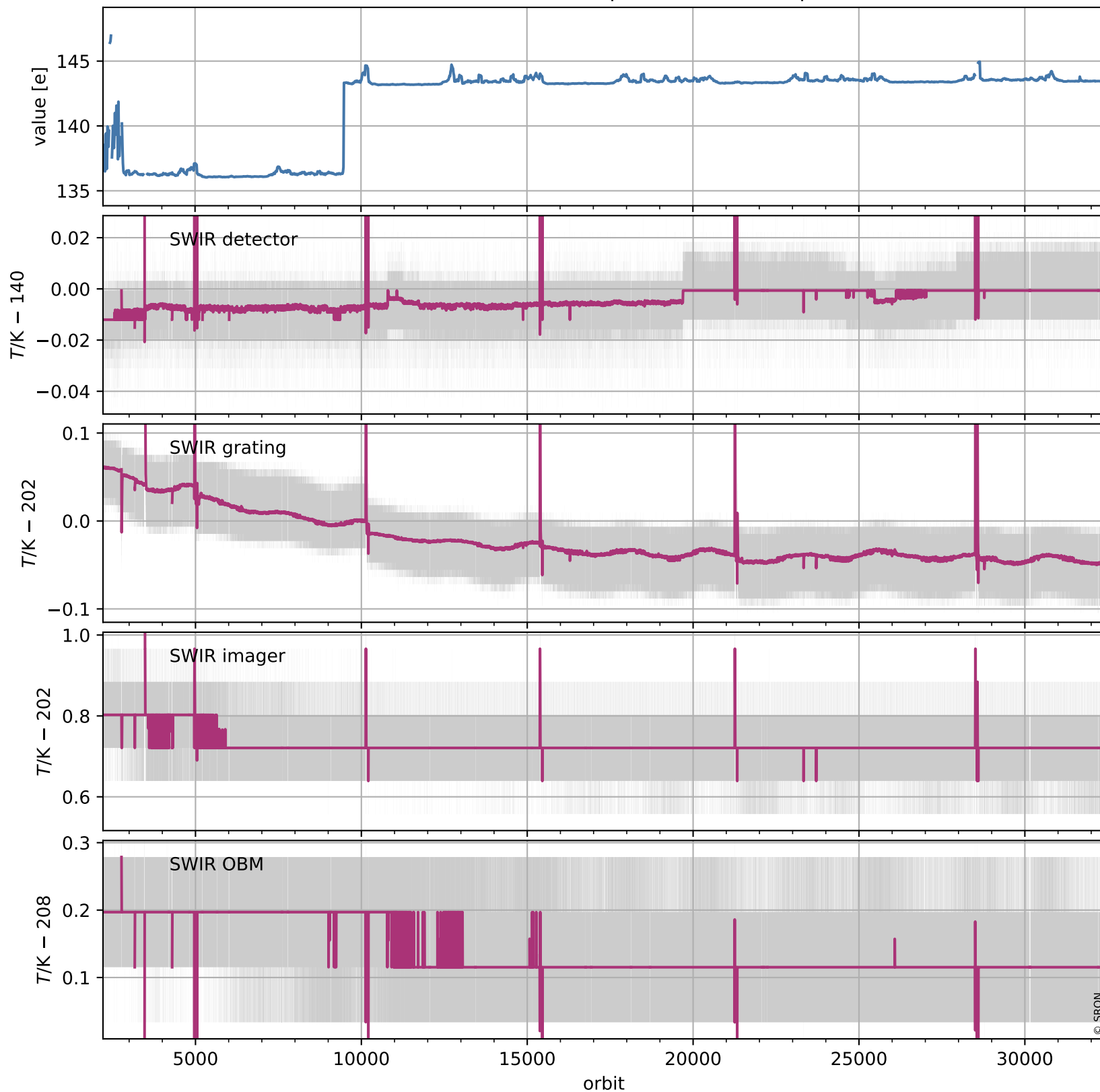
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32407]
coverage: 2018-03-18 / 2024-01-14
created: 2024-01-15T05:21:31Z

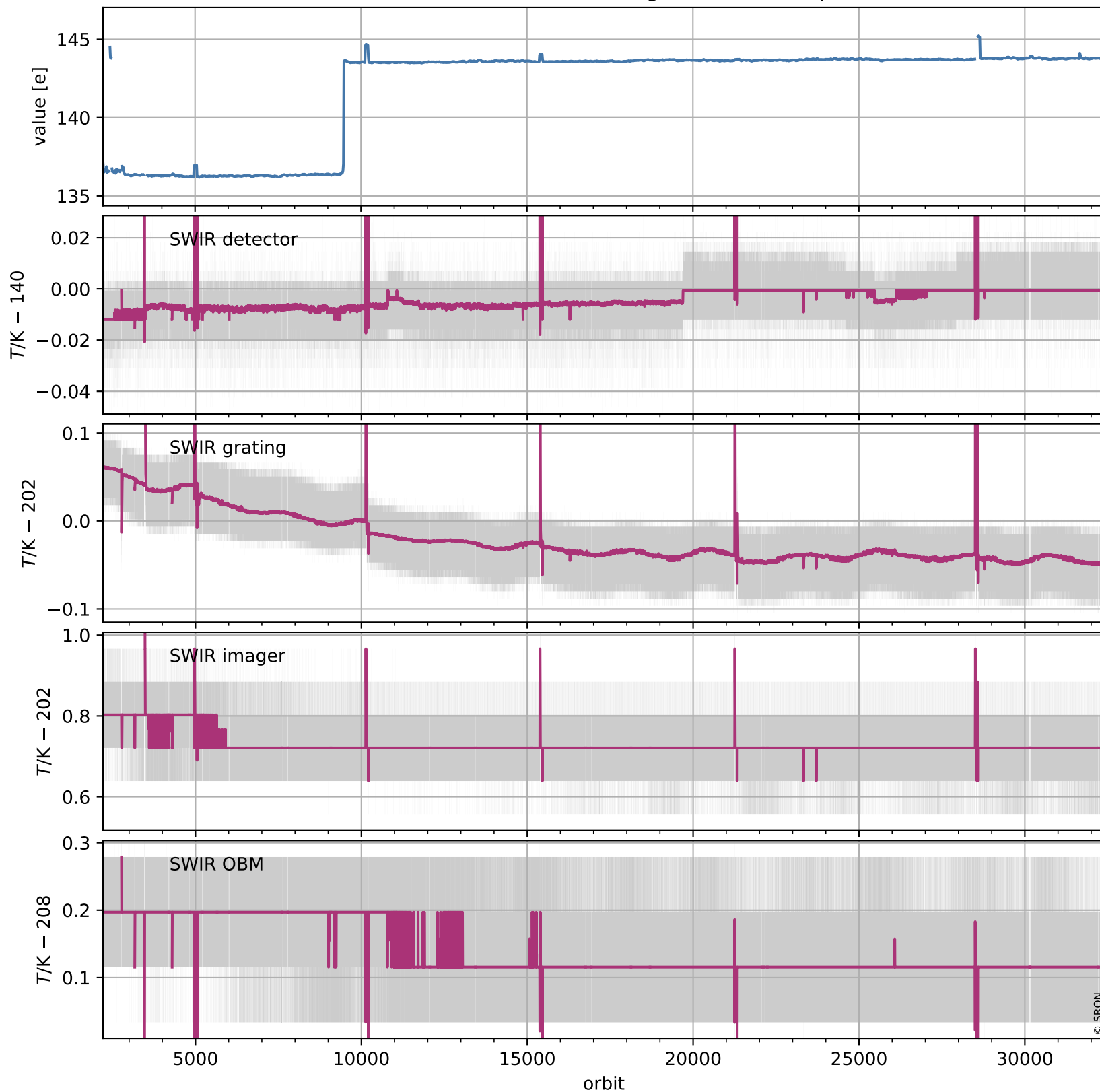
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32407]
coverage: 2018-03-18 / 2024-01-14
created: 2024-01-15T05:21:32Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32407]
coverage: 2018-03-18 / 2024-01-14
created: 2024-01-15T05:21:33Z

trend of normalized read-noise & temperatures

