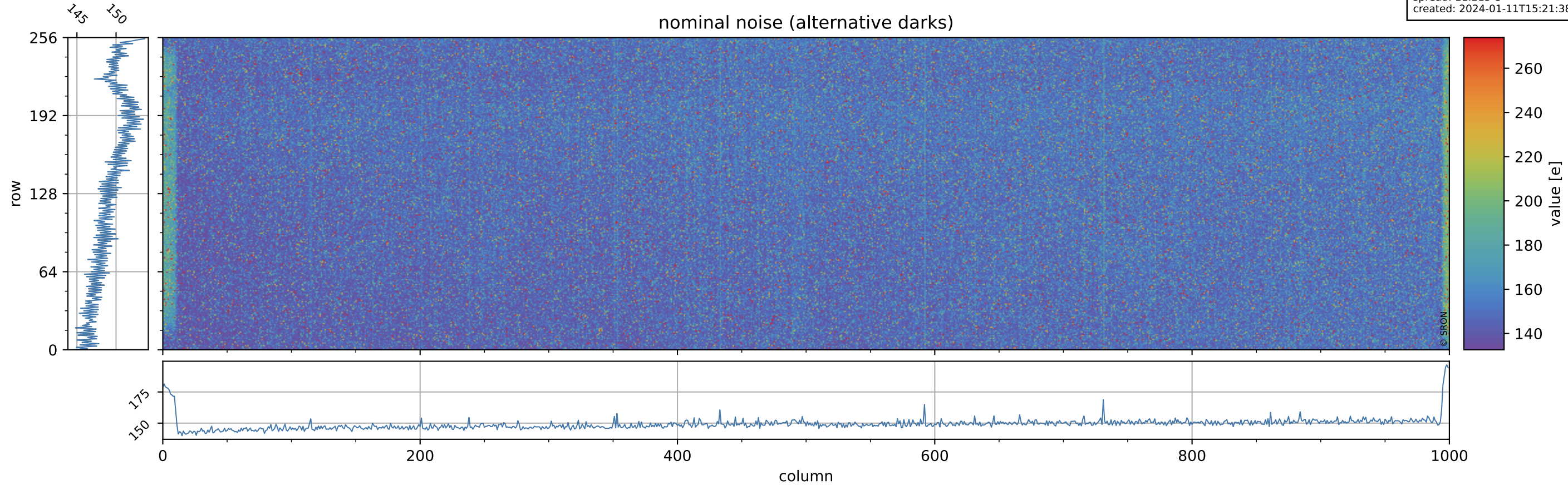


Tropomi SWIR background noise (swir)

orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
n_coad, t_exp: 1, 1.0783
median: 149.09 e
spread: 11.215 e
created: 2024-01-11T15:21:38Z

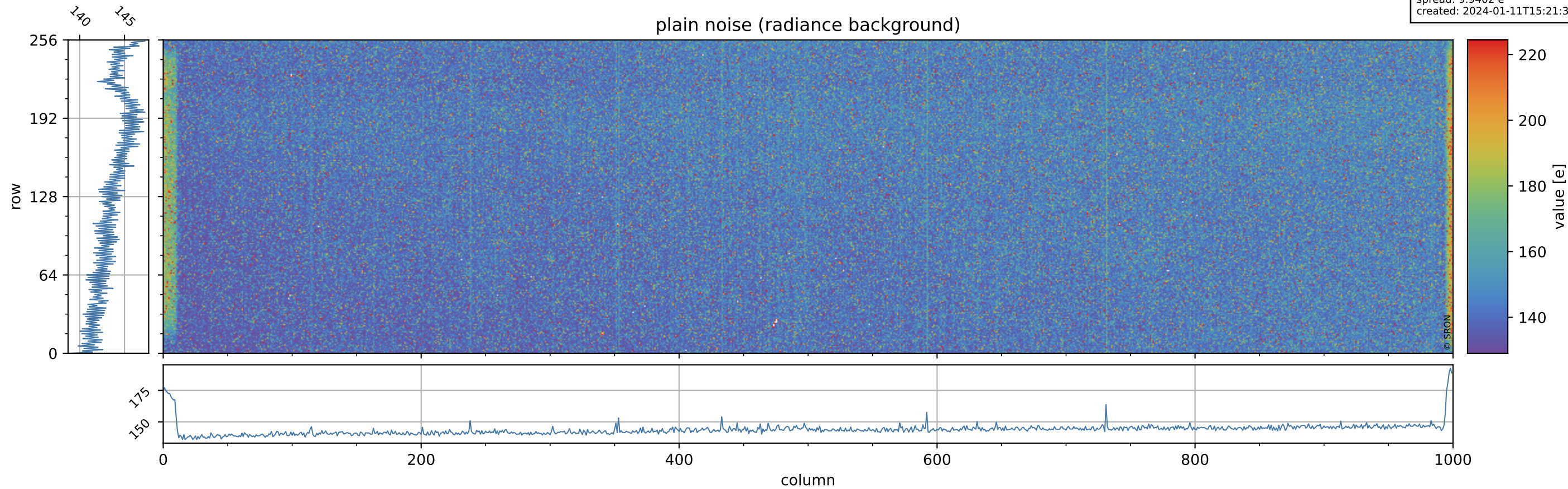
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
n_coad, t_exp: 1, 0.8383
median: 143.6 e
spread: 9.9402 e
created: 2024-01-11T15:21:38Z

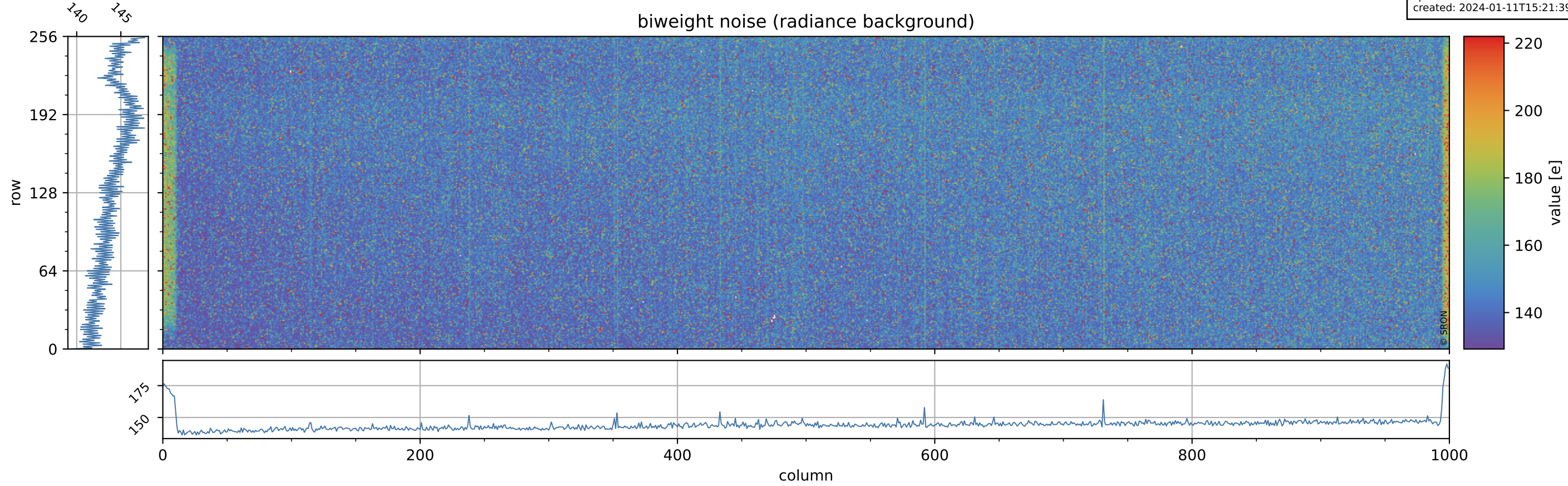
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
n_coad, t_exp: 1, 0.8383
median: 143.92 e
spread: 9.8851 e
created: 2024-01-11T15:21:39Z

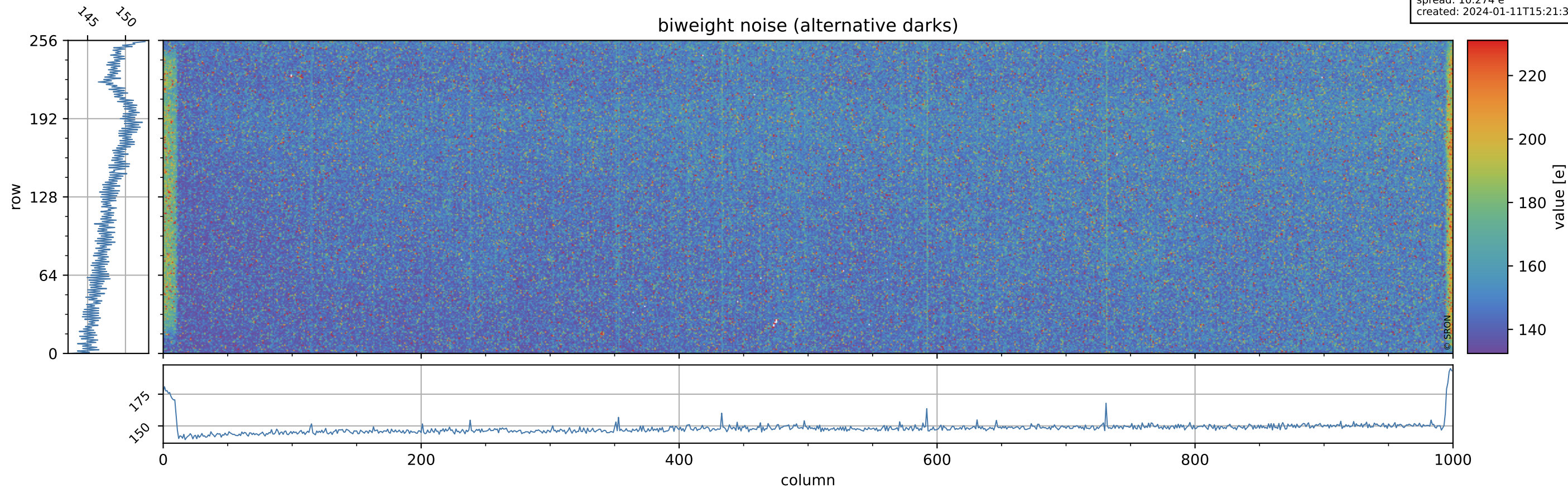
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
n_coad, t_exp: 1, 1.0783
median: 147.93 e
spread: 10.274 e
created: 2024-01-11T15:21:39Z

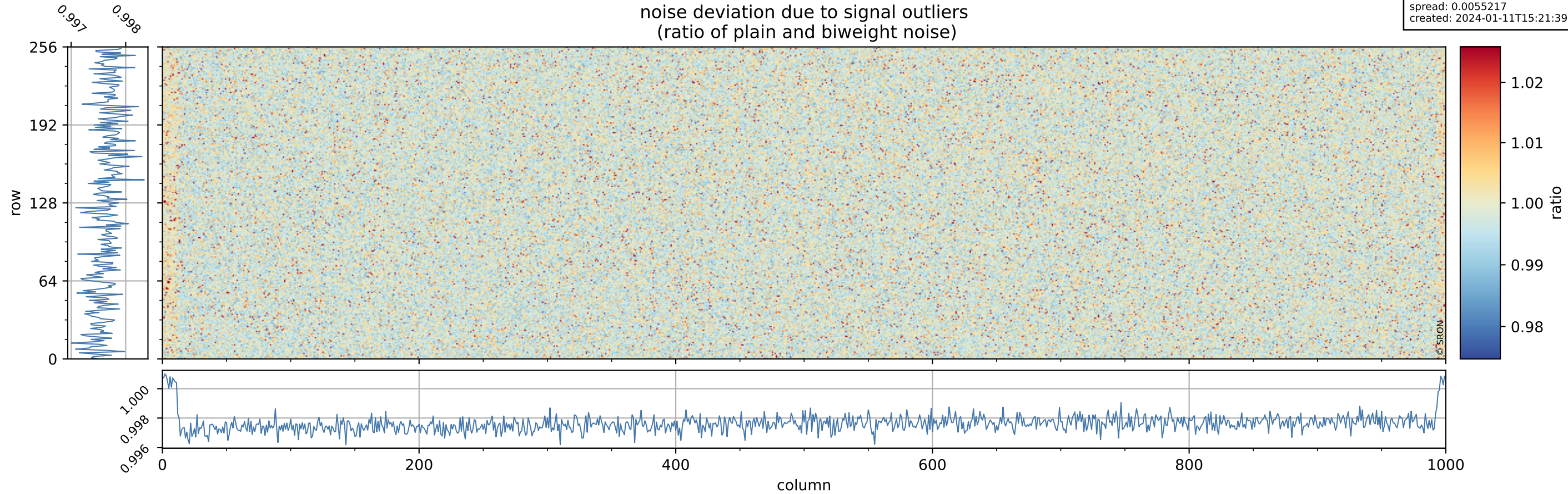
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

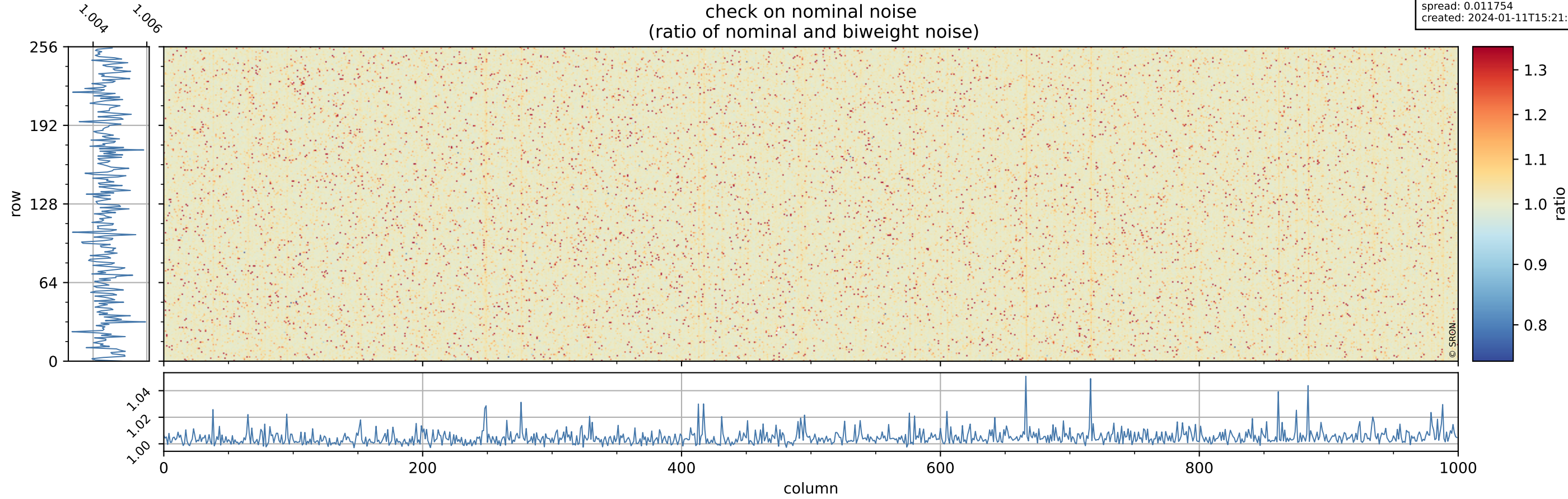
orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
median: 0.99762
spread: 0.0055217
created: 2024-01-11T15:21:39Z



Tropomi SWIR background noise (swir)

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

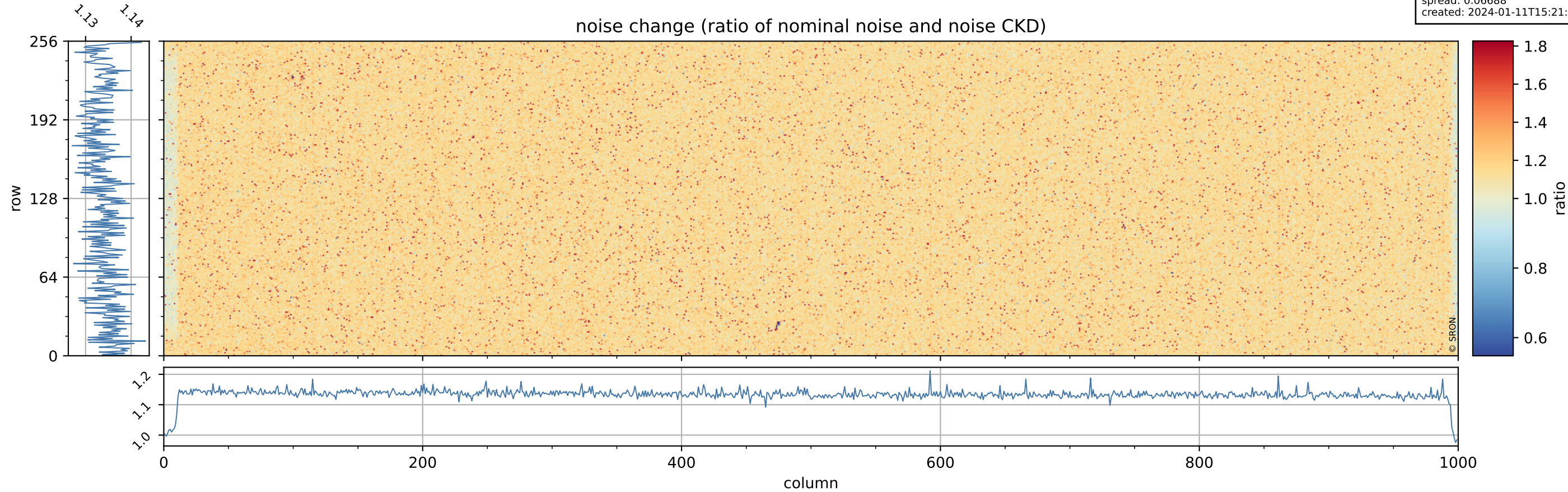
orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
median: 1.0041
spread: 0.011754
created: 2024-01-11T15:21:39Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
median: 1.1323
spread: 0.06688
created: 2024-01-11T15:21:40Z

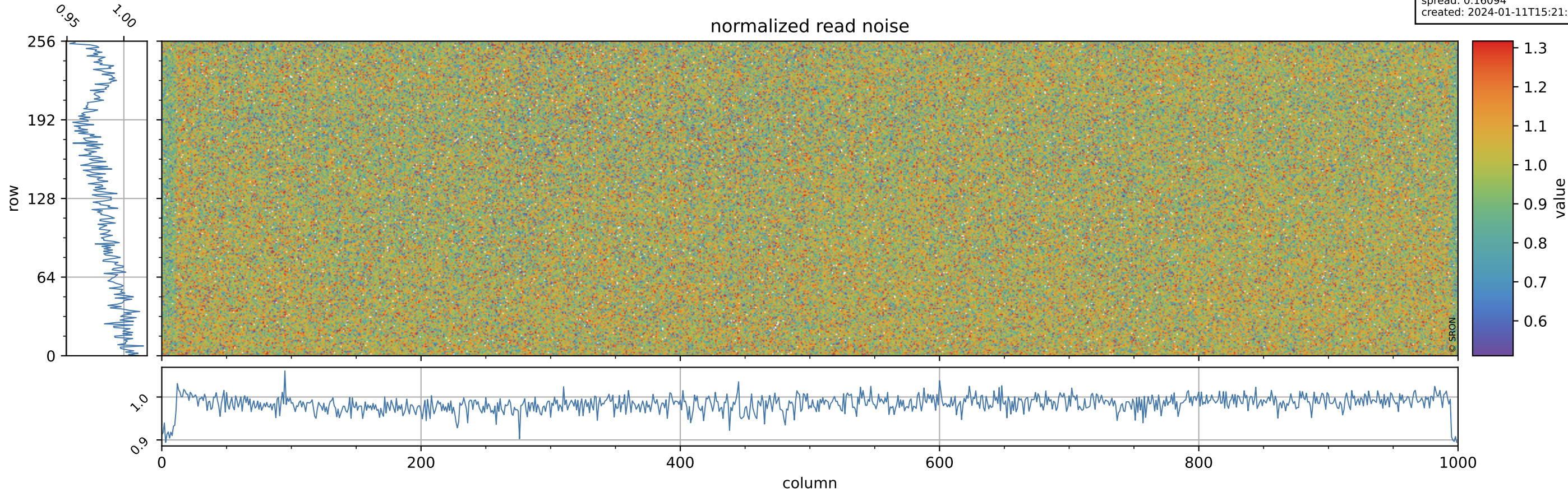
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
median: 0.9823
spread: 0.16094
created: 2024-01-11T15:21:40Z

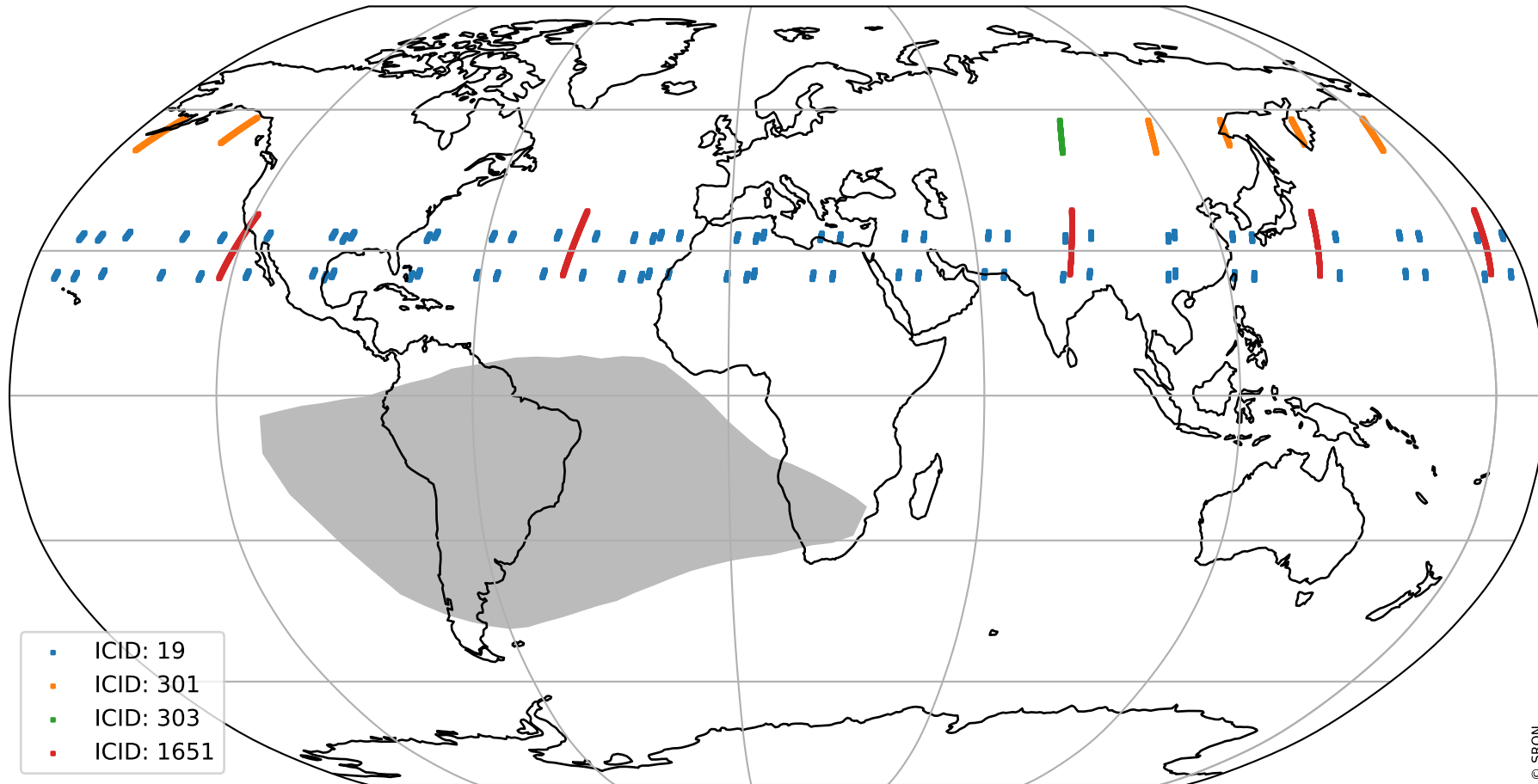
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32257, 32347]
coverage: 2024-01-04 / 2024-01-10
created: 2024-01-11T15:21:40Z

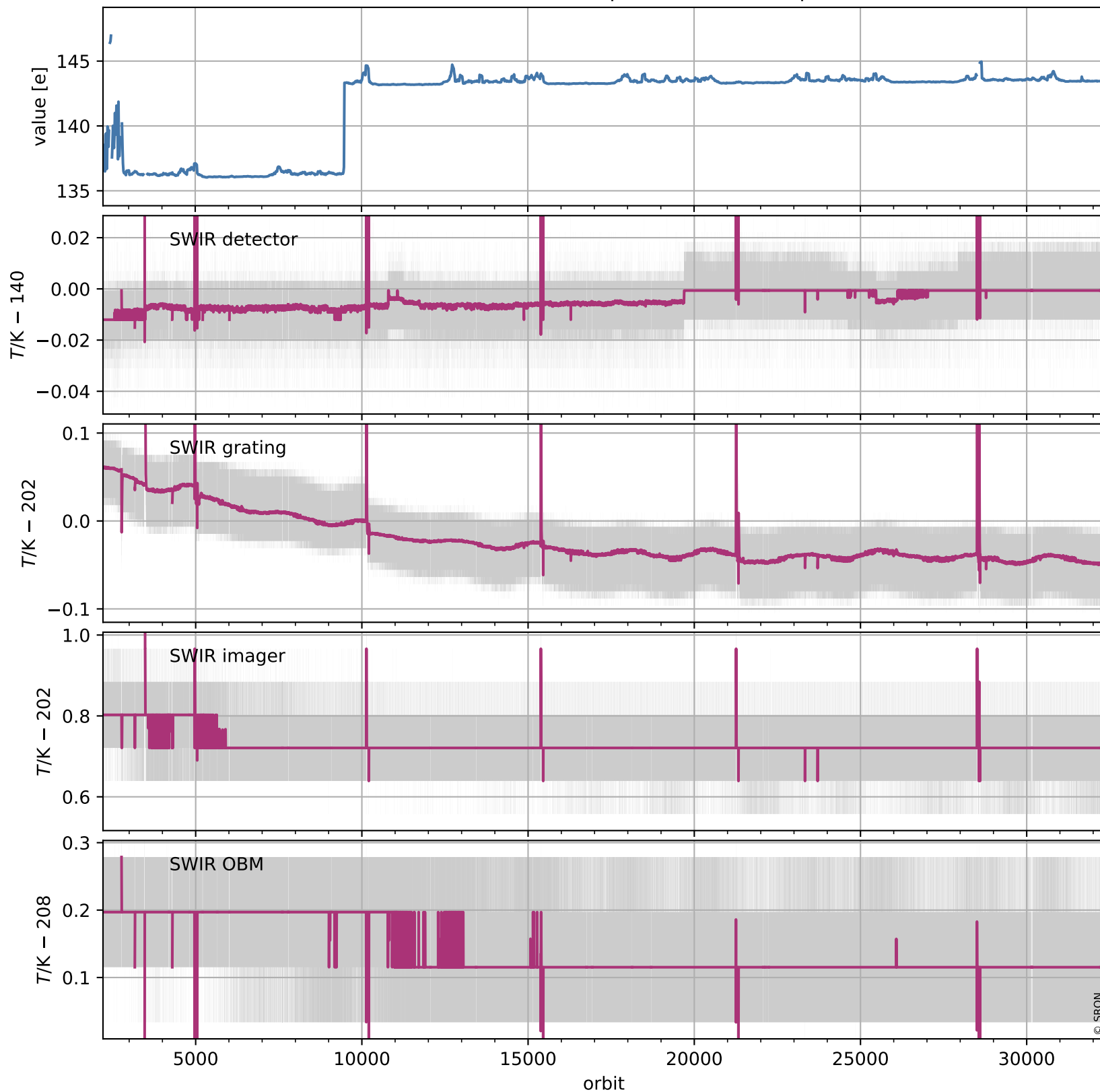
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32347]
coverage: 2018-03-18 / 2024-01-10
created: 2024-01-11T15:21:41Z

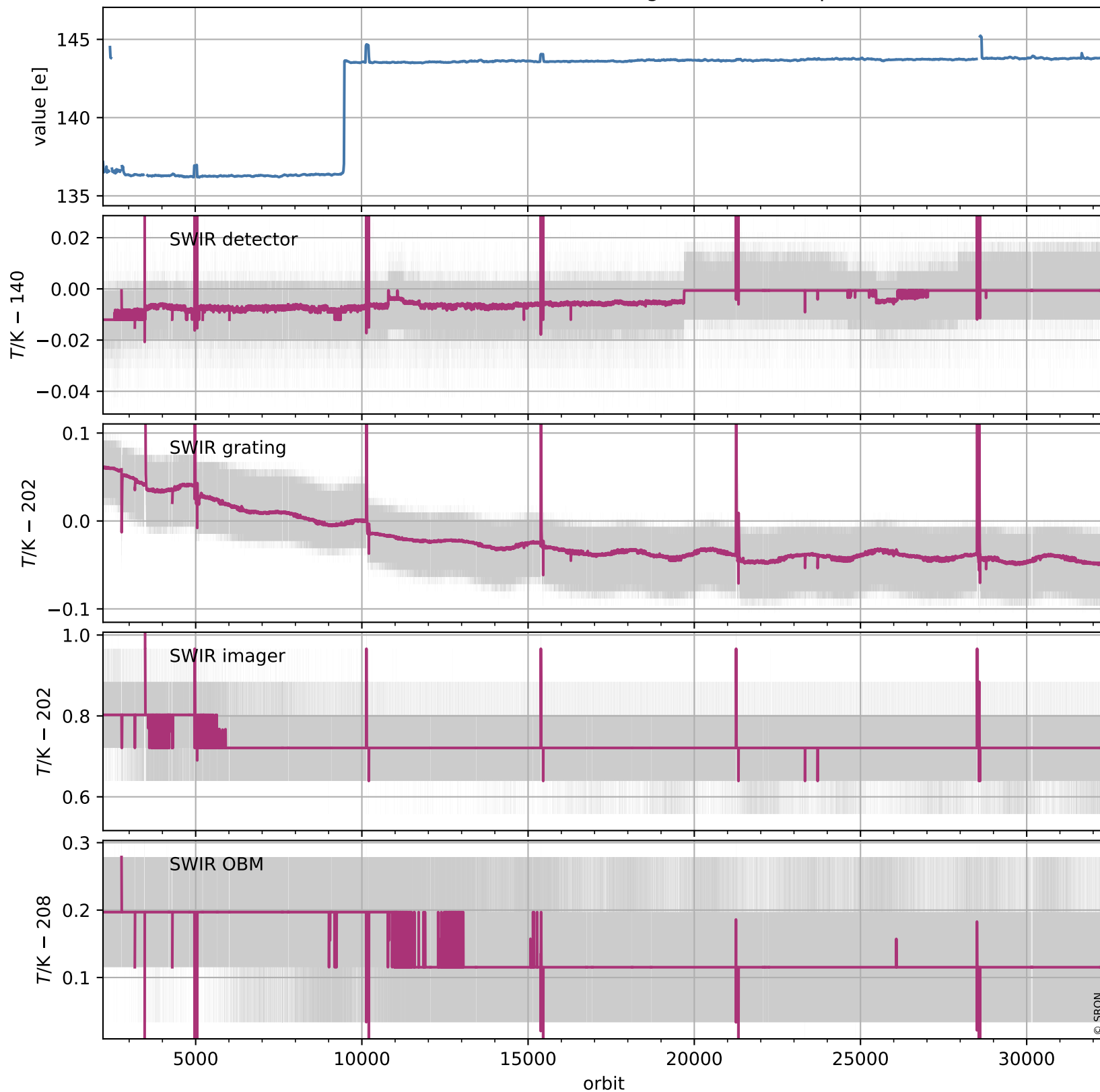
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32347]
coverage: 2018-03-18 / 2024-01-10
created: 2024-01-11T15:21:42Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32347]
coverage: 2018-03-18 / 2024-01-10
created: 2024-01-11T15:21:43Z

trend of normalized read-noise & temperatures

