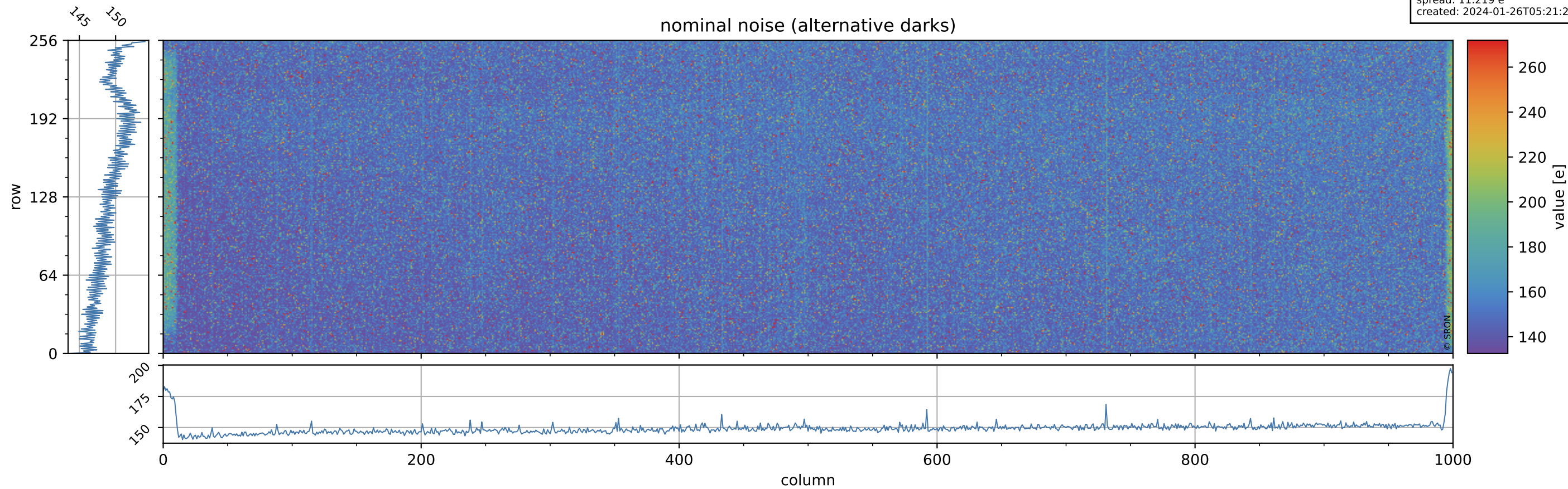


Tropomi SWIR background noise (swir)

orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
n_coad, t_exp: 1, 1.0783
median: 149.06 e
spread: 11.219 e
created: 2024-01-26T05:21:21Z

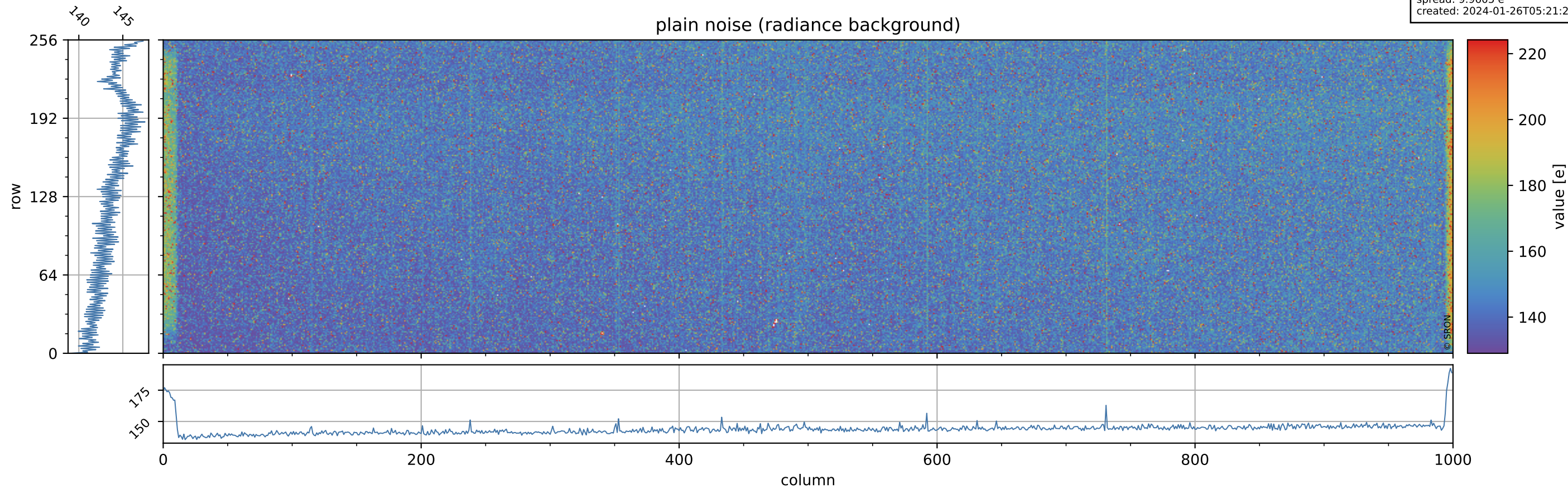
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
n_coad, t_exp: 1, 0.8383
median: 143.64 e
spread: 9.9605 e
created: 2024-01-26T05:21:21Z

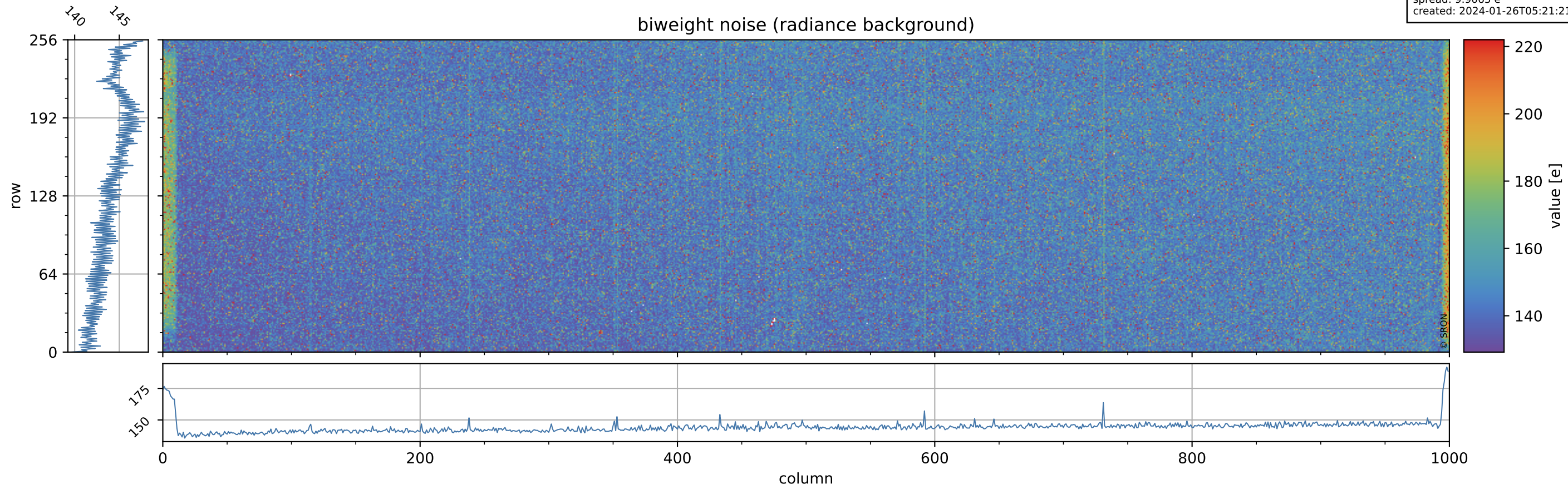
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
n_coad, t_exp: 1, 0.8383
median: 143.97 e
spread: 9.9065 e
created: 2024-01-26T05:21:21Z

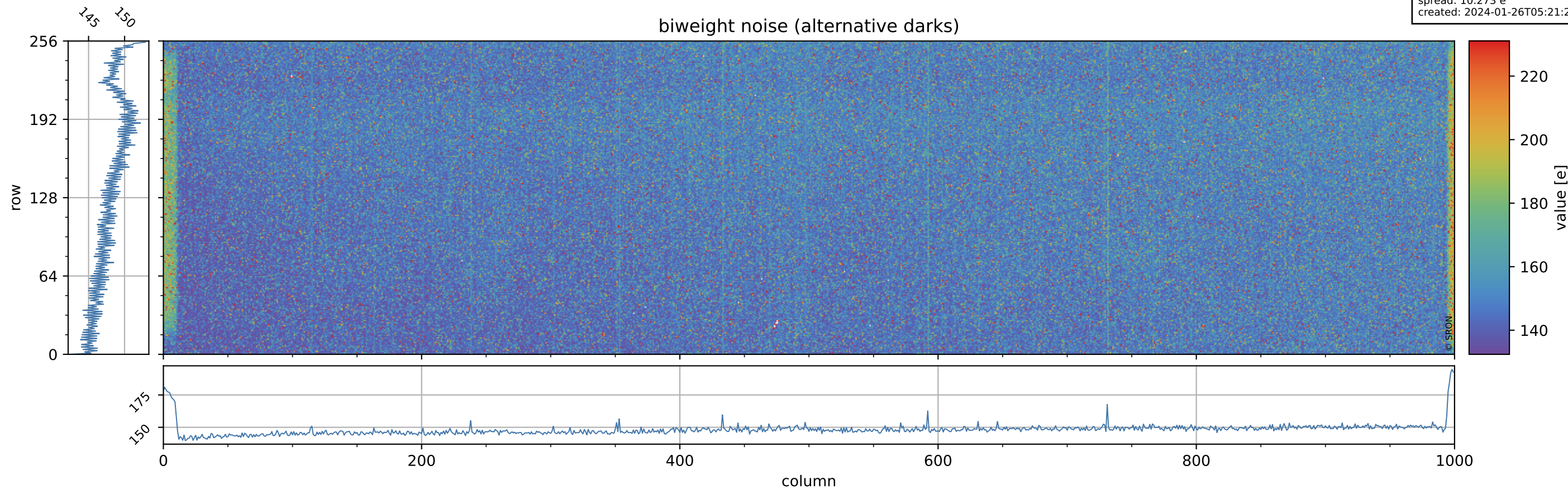
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
n_coad, t_exp: 1, 1.0783
median: 147.97 e
spread: 10.273 e
created: 2024-01-26T05:21:22Z

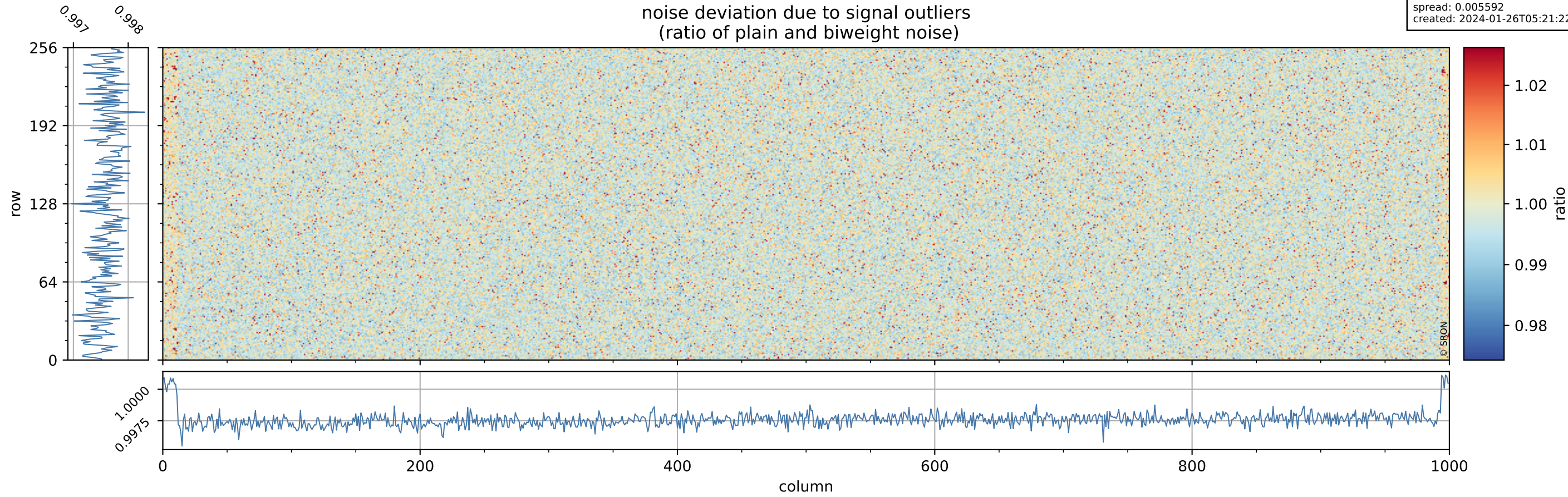
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

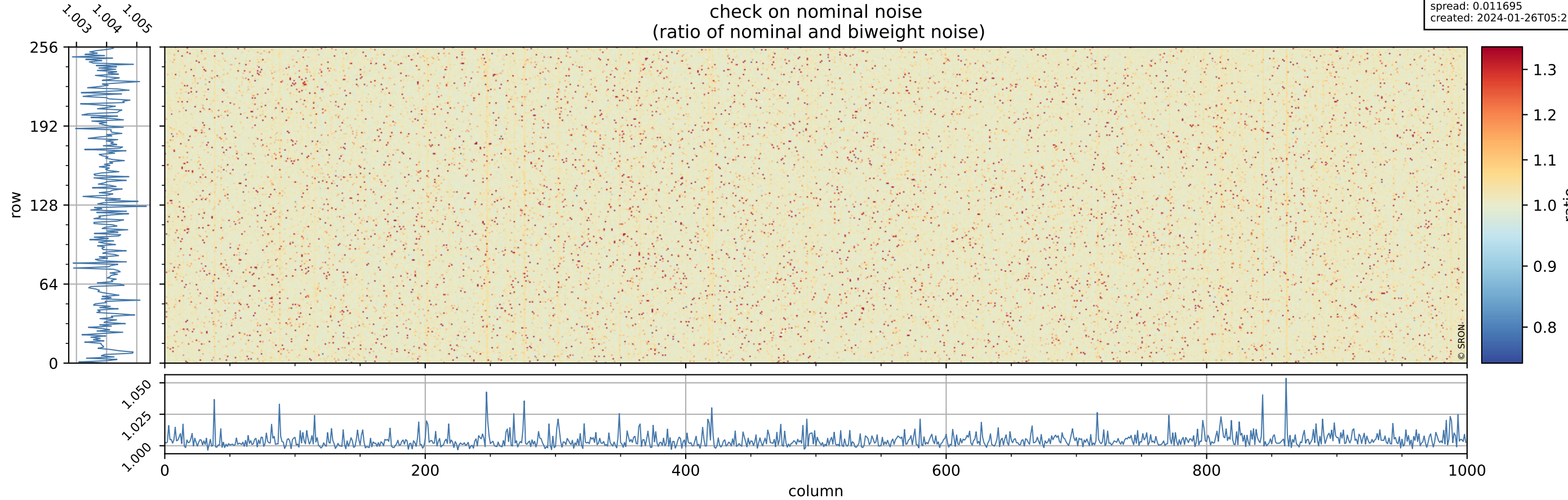
orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
median: 0.99758
spread: 0.005592
created: 2024-01-26T05:21:22Z



Tropomi SWIR background noise (swir)

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

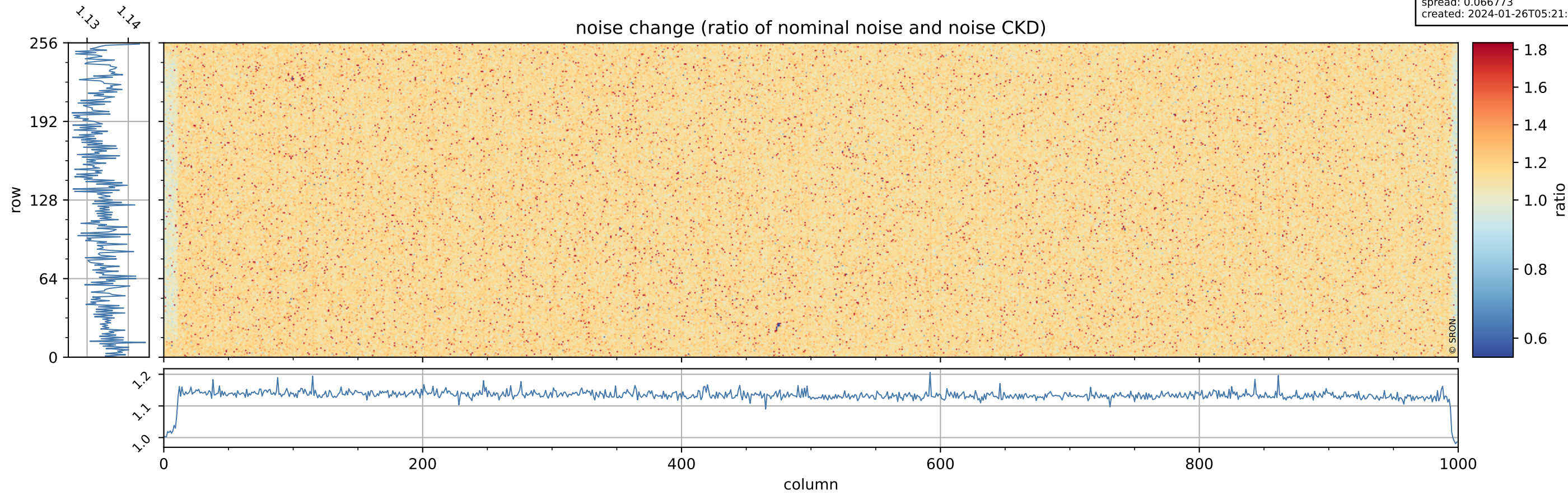
orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
median: 1.0036
spread: 0.011695
created: 2024-01-26T05:21:22Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
median: 1.1321
spread: 0.066773
created: 2024-01-26T05:21:22Z

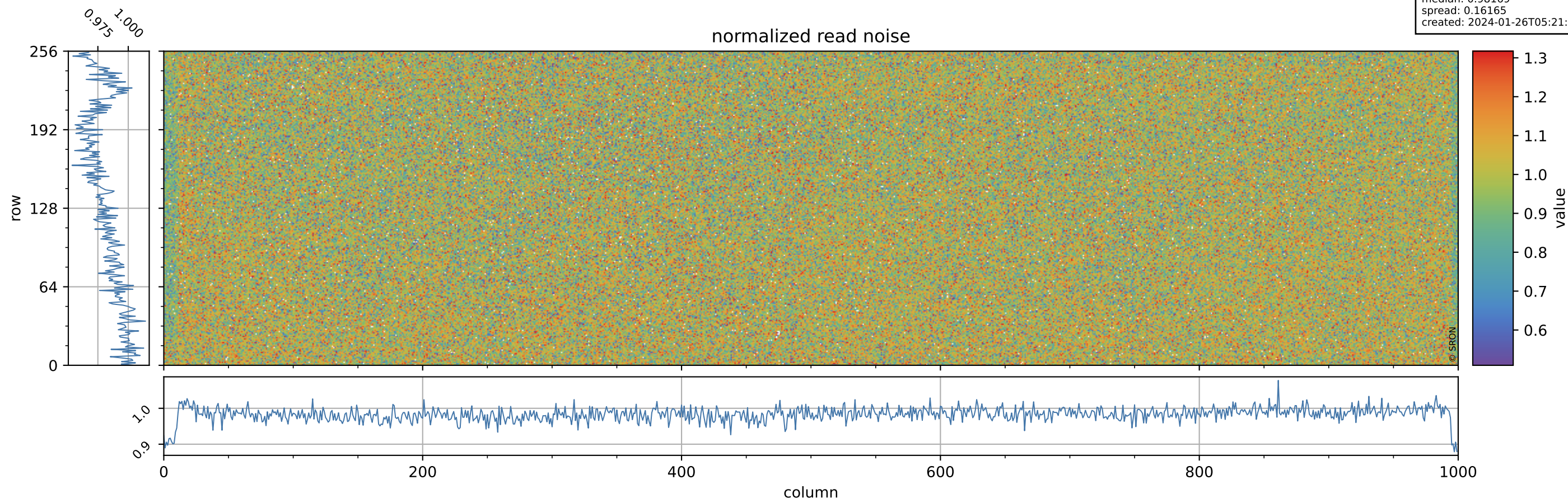
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
median: 0.98169
spread: 0.16165
created: 2024-01-26T05:21:23Z

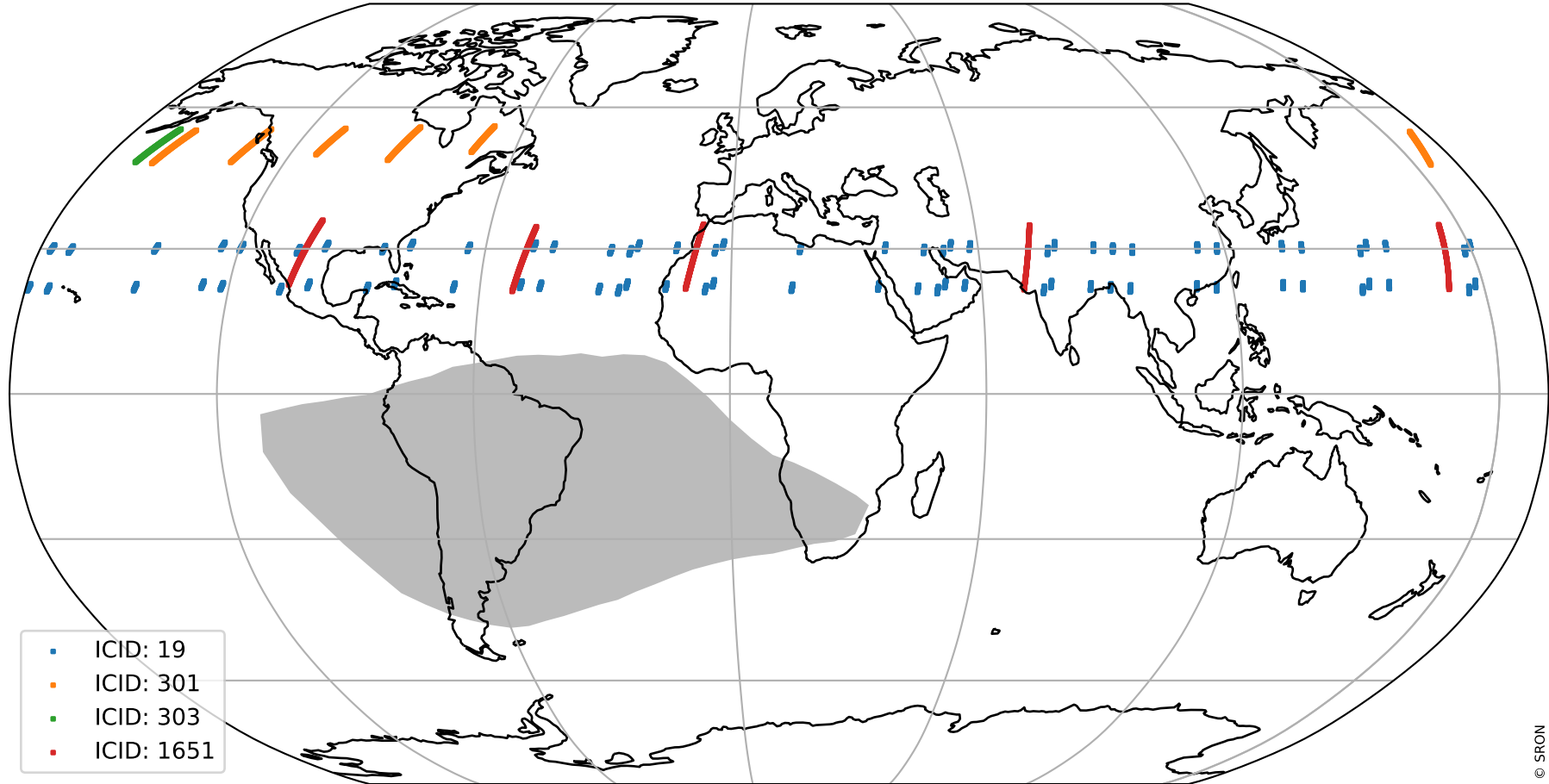
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32467, 32557]
coverage: 2024-01-19 / 2024-01-25
created: 2024-01-26T05:21:23Z

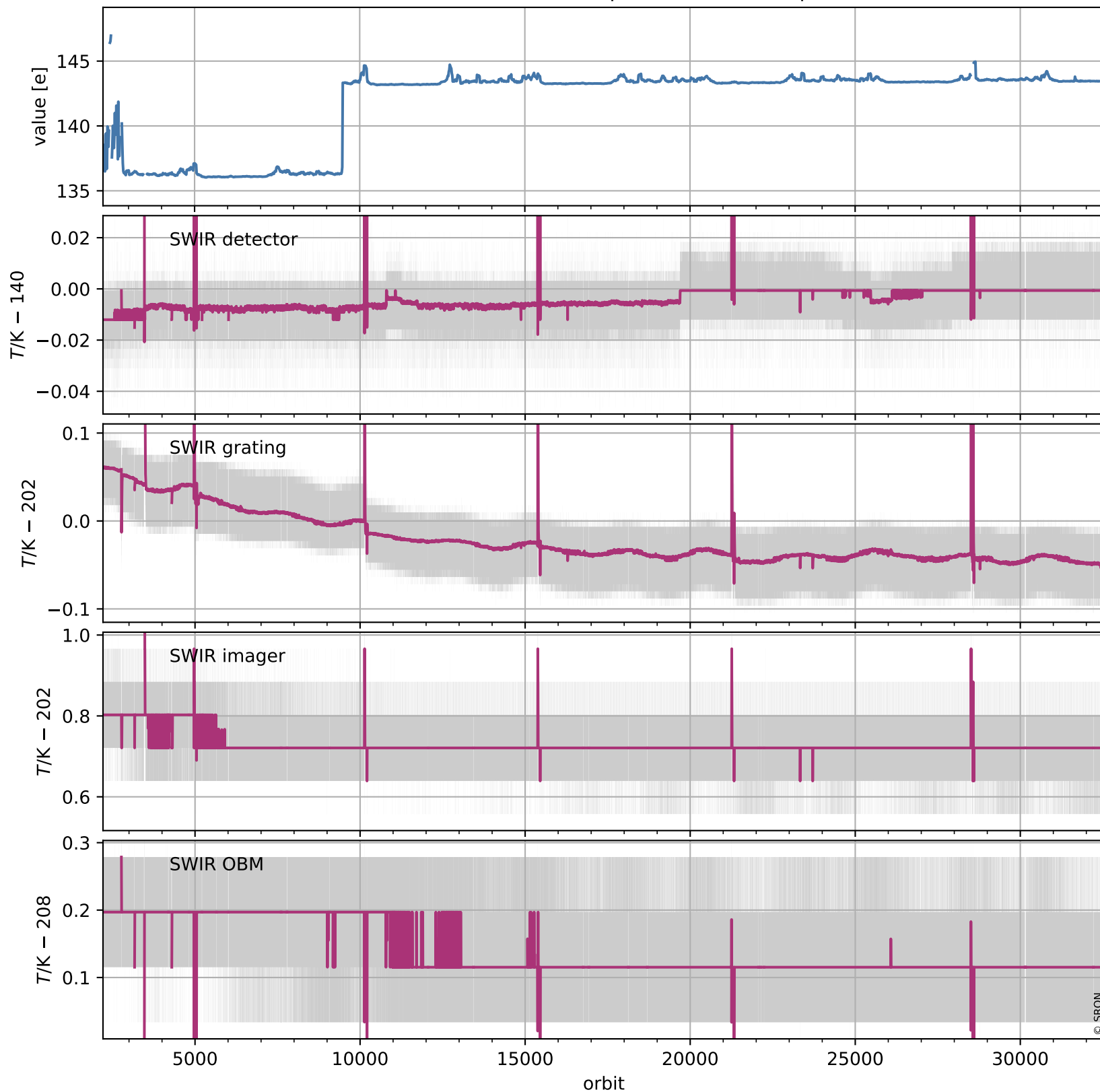
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32557]
coverage: 2018-03-18 / 2024-01-25
created: 2024-01-26T05:21:24Z

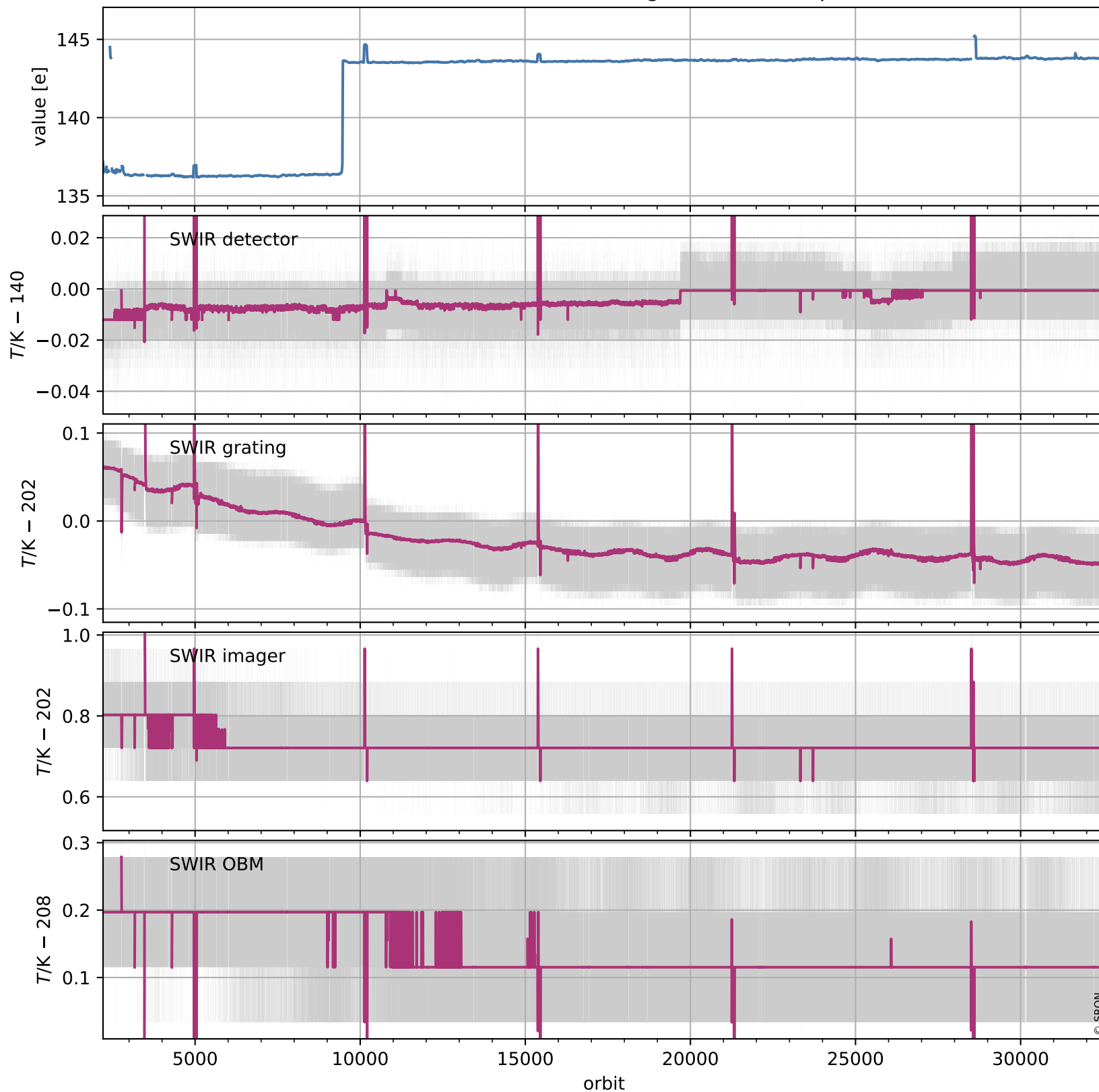
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32557]
coverage: 2018-03-18 / 2024-01-25
created: 2024-01-26T05:21:25Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32557]
coverage: 2018-03-18 / 2024-01-25
created: 2024-01-26T05:21:26Z

trend of normalized read-noise & temperatures

