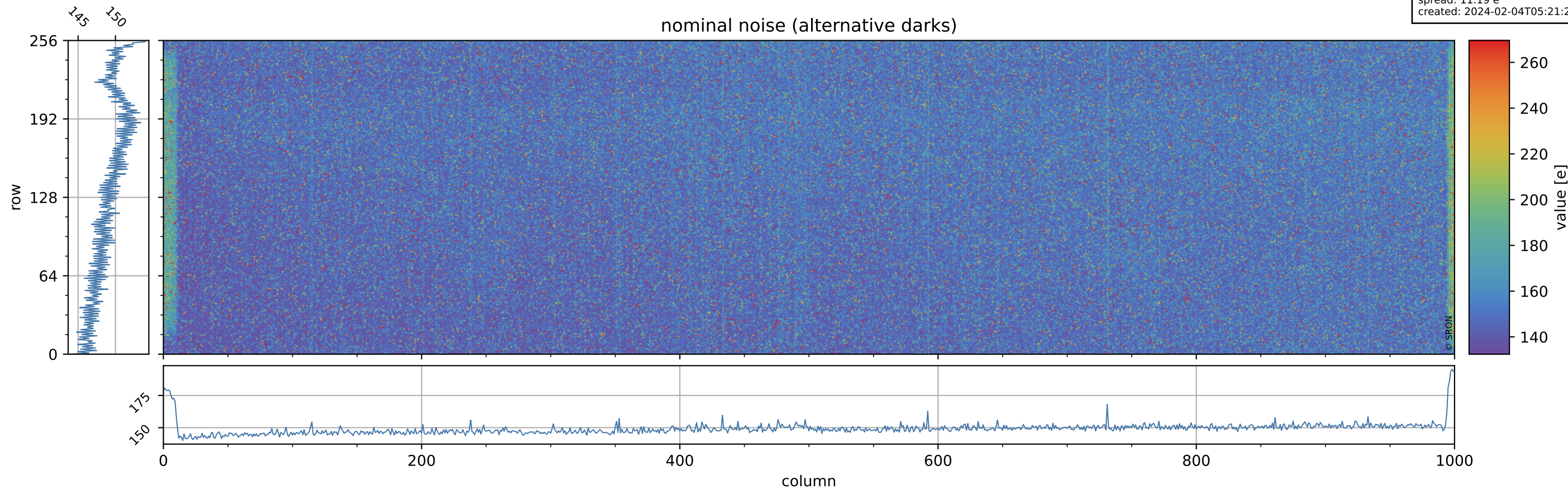


Tropomi SWIR background noise (swir)

orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
n_coad, t_exp: 1, 1.0783
median: 148.98 e
spread: 11.19 e
created: 2024-02-04T05:21:26Z

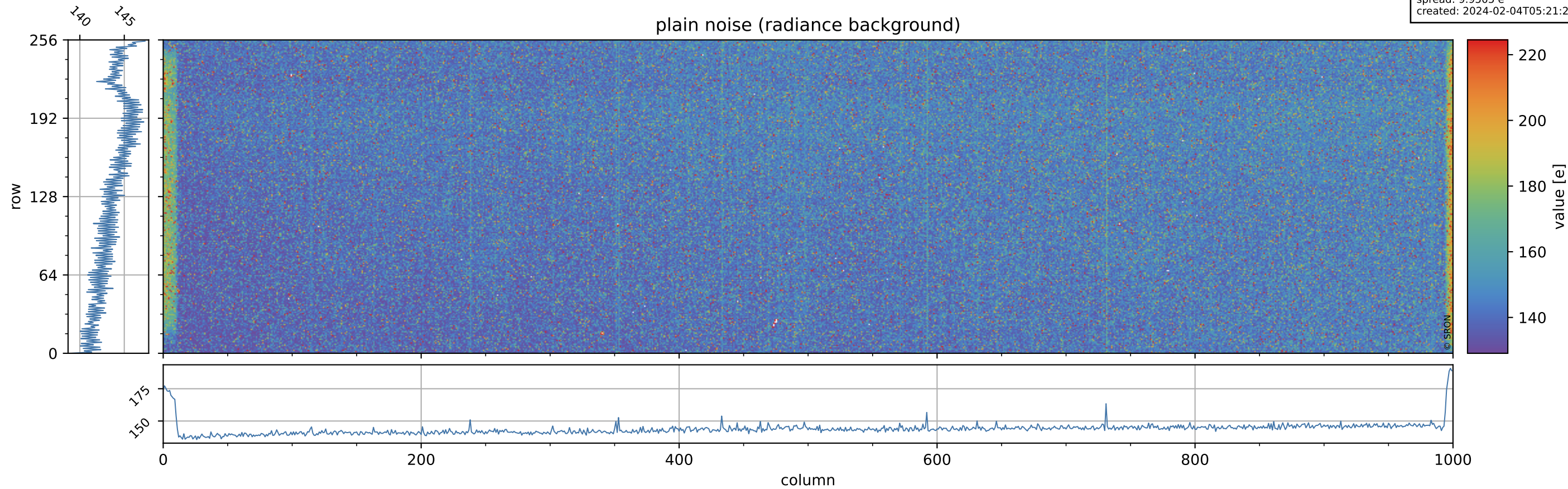
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
n_coad, t_exp: 1, 0.8383
median: 143.61 e
spread: 9.9505 e
created: 2024-02-04T05:21:26Z

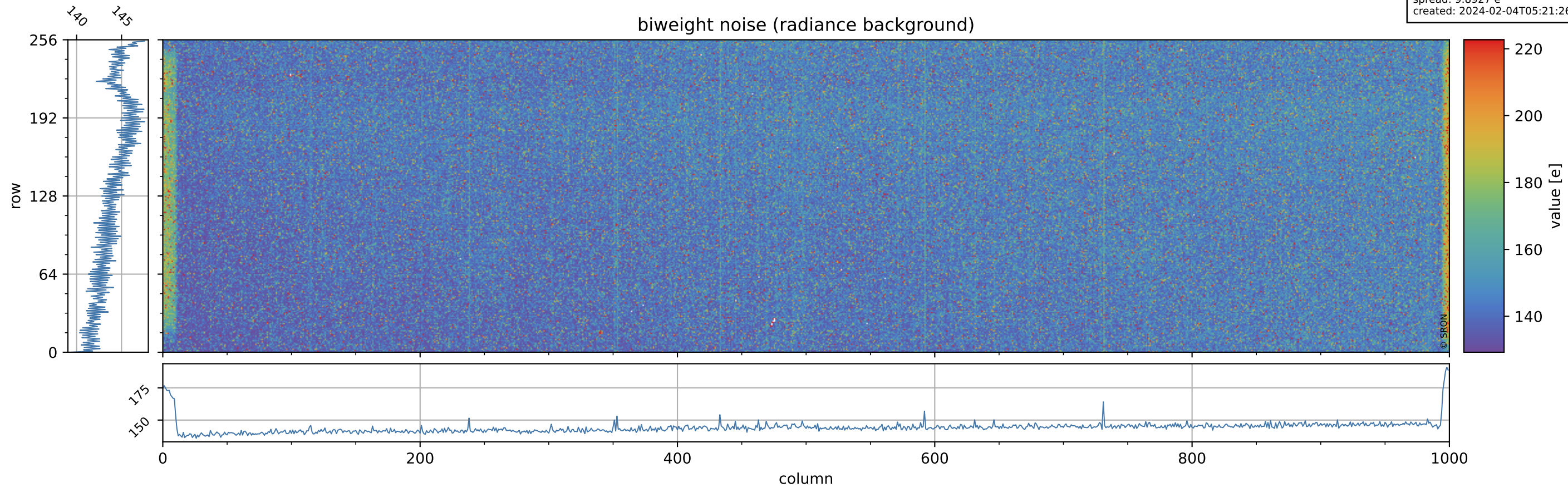
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
n_coad, t_exp: 1, 0.8383
median: 143.93 e
spread: 9.8927 e
created: 2024-02-04T05:21:26Z

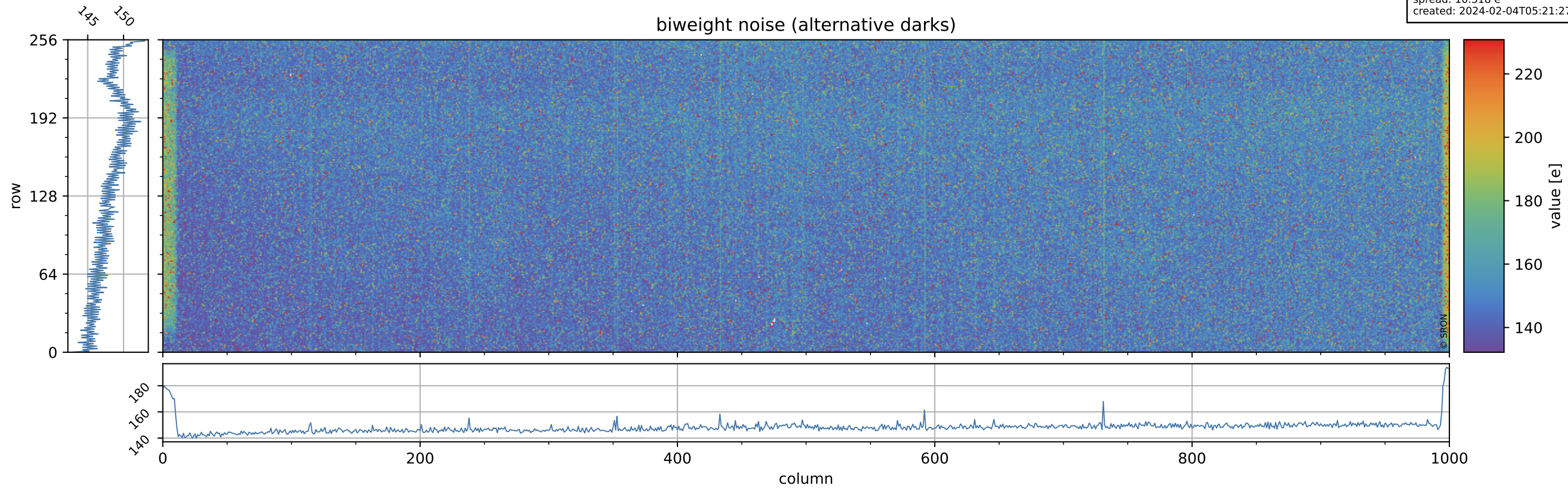
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
n_coad, t_exp: 1, 1.0783
median: 147.92 e
spread: 10.318 e
created: 2024-02-04T05:21:27Z

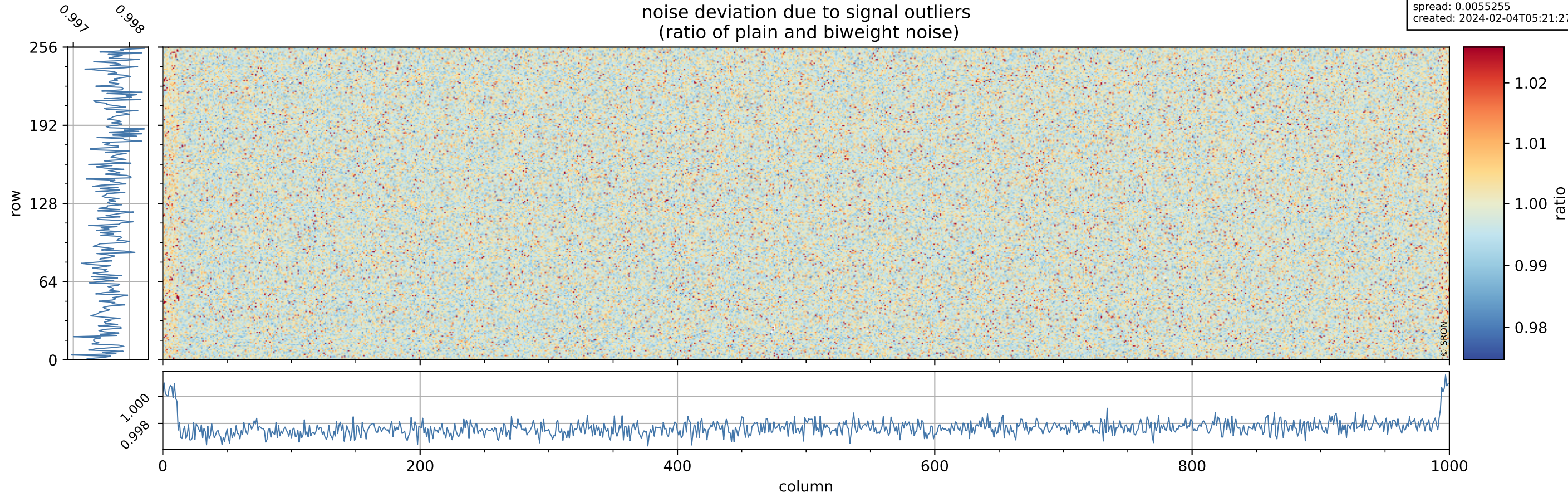
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

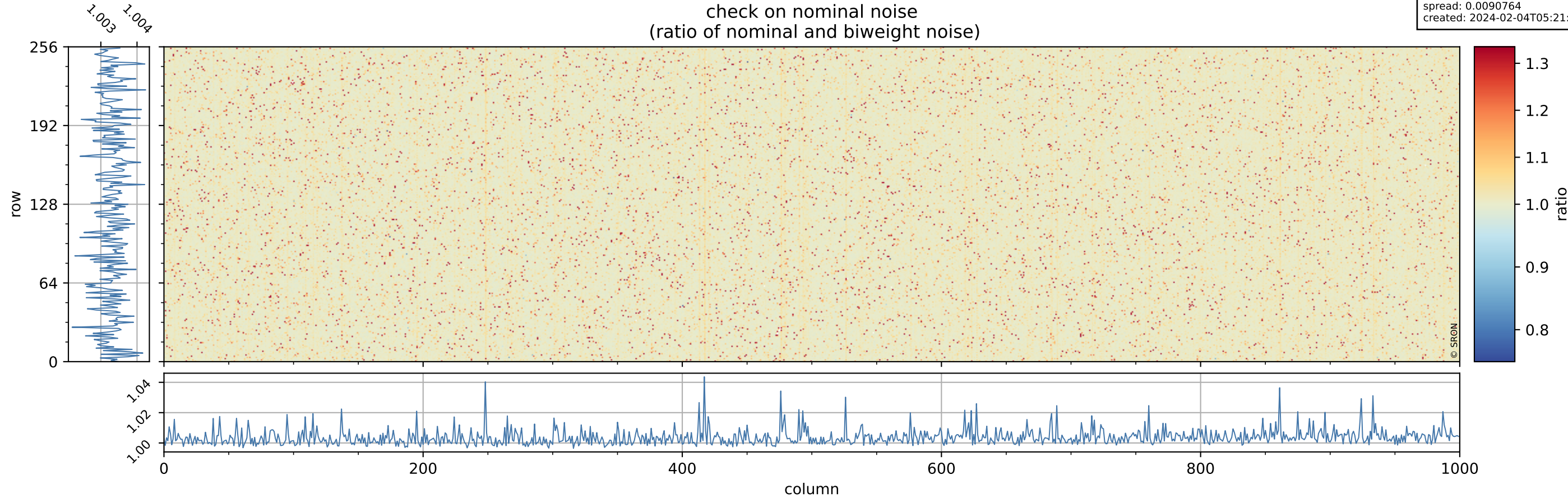
orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
median: 0.99766
spread: 0.0055255
created: 2024-02-04T05:21:27Z



Tropomi SWIR background noise (swir)

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

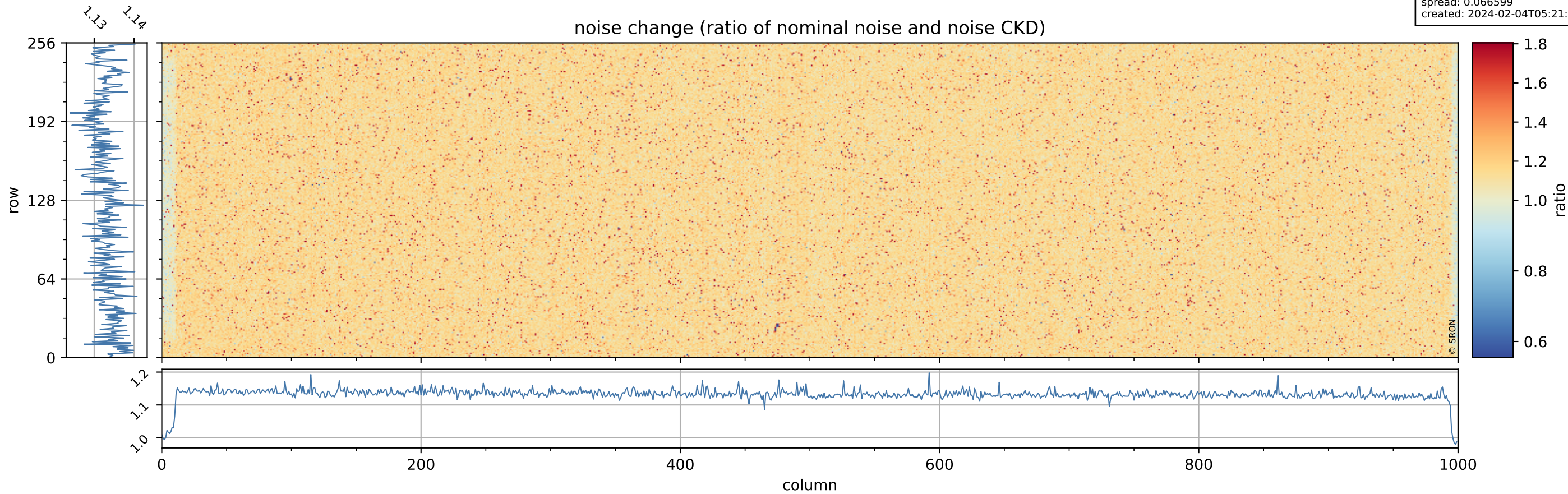
orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
median: 1.0031
spread: 0.0090764
created: 2024-02-04T05:21:27Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
median: 1.1316
spread: 0.066599
created: 2024-02-04T05:21:27Z

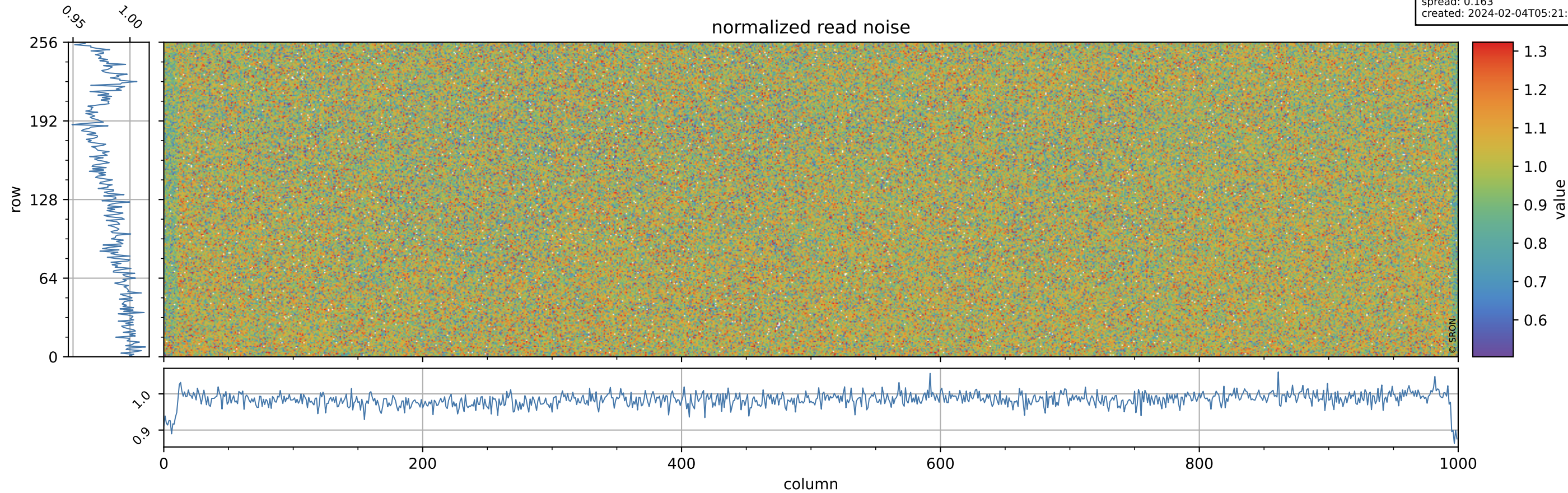
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
median: 0.98284
spread: 0.163
created: 2024-02-04T05:21:28Z

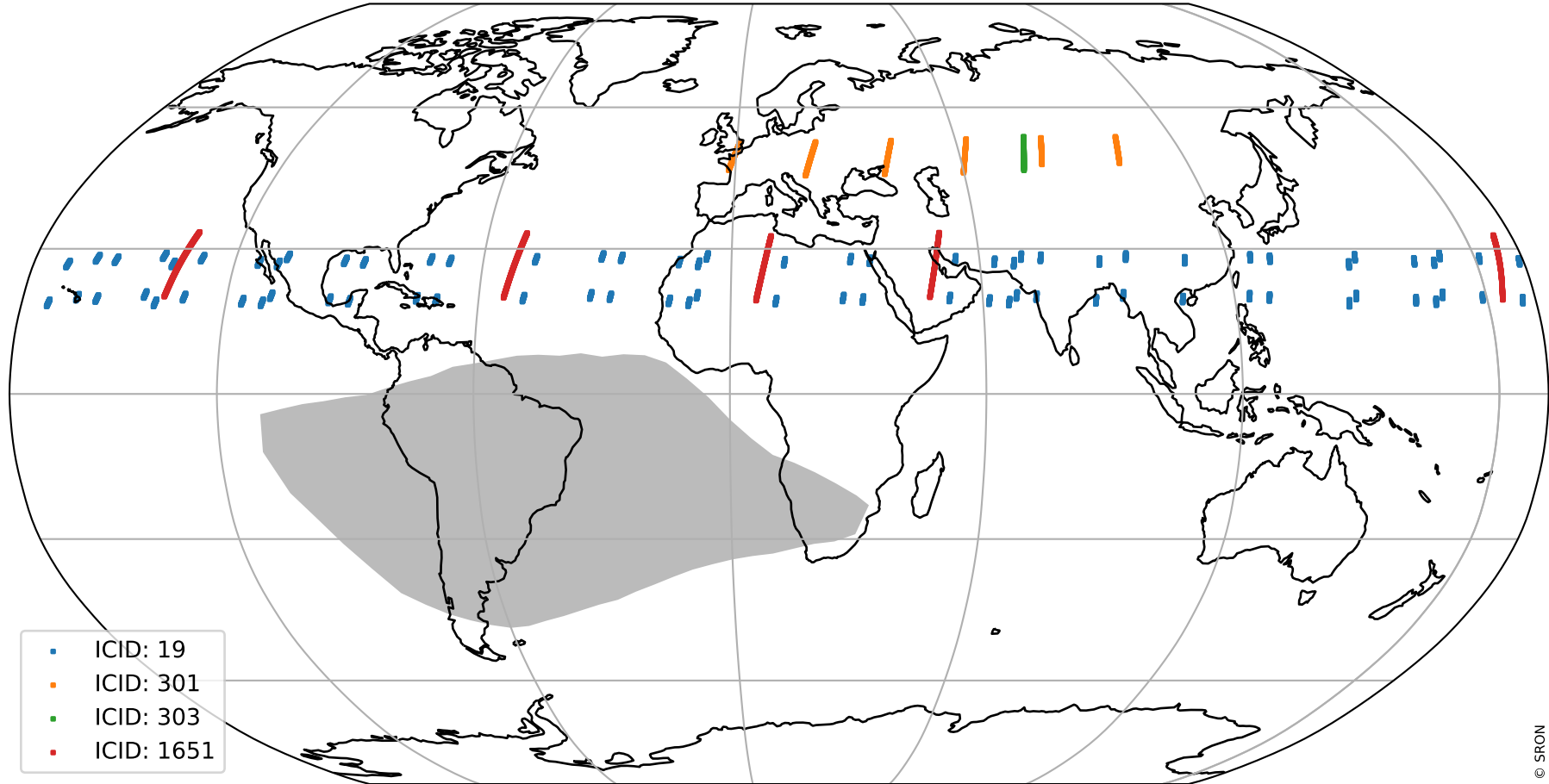
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32617, 32692]
coverage: 2024-01-28 / 2024-02-03
created: 2024-02-04T05:21:28Z

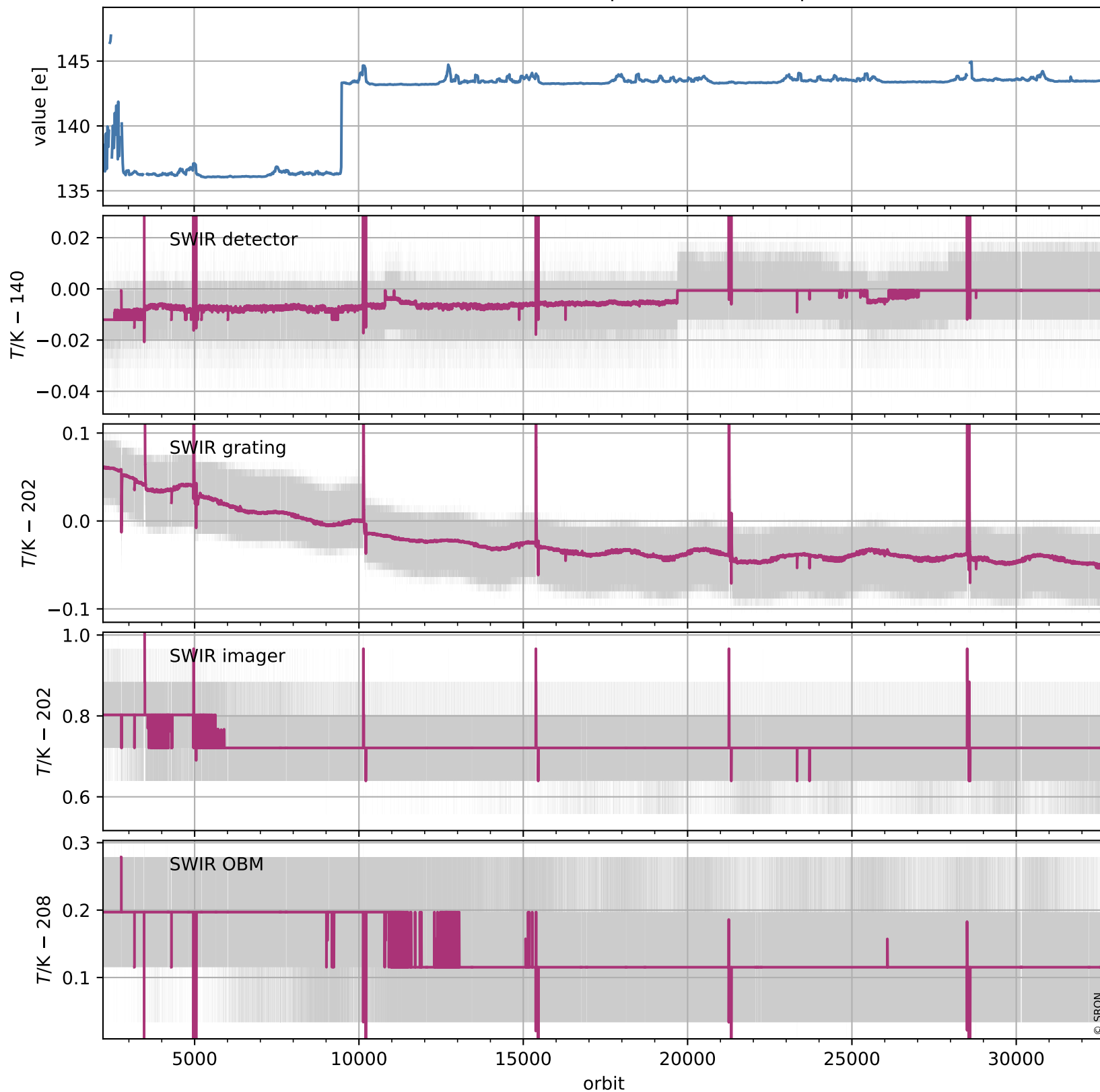
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32692]
coverage: 2018-03-18 / 2024-02-03
created: 2024-02-04T05:21:29Z

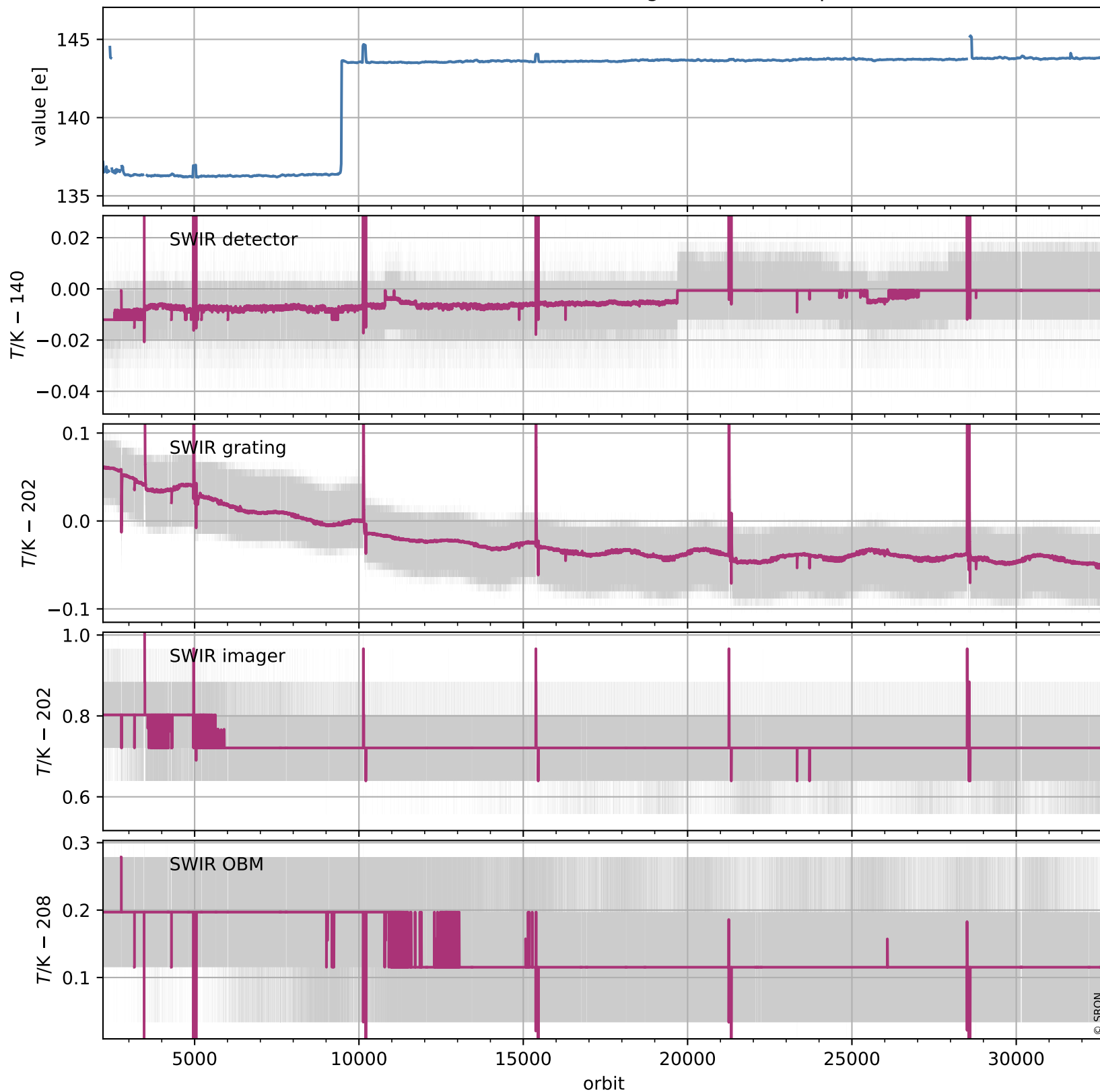
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32692]
coverage: 2018-03-18 / 2024-02-03
created: 2024-02-04T05:21:30Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32692]
coverage: 2018-03-18 / 2024-02-03
created: 2024-02-04T05:21:31Z

trend of normalized read-noise & temperatures

