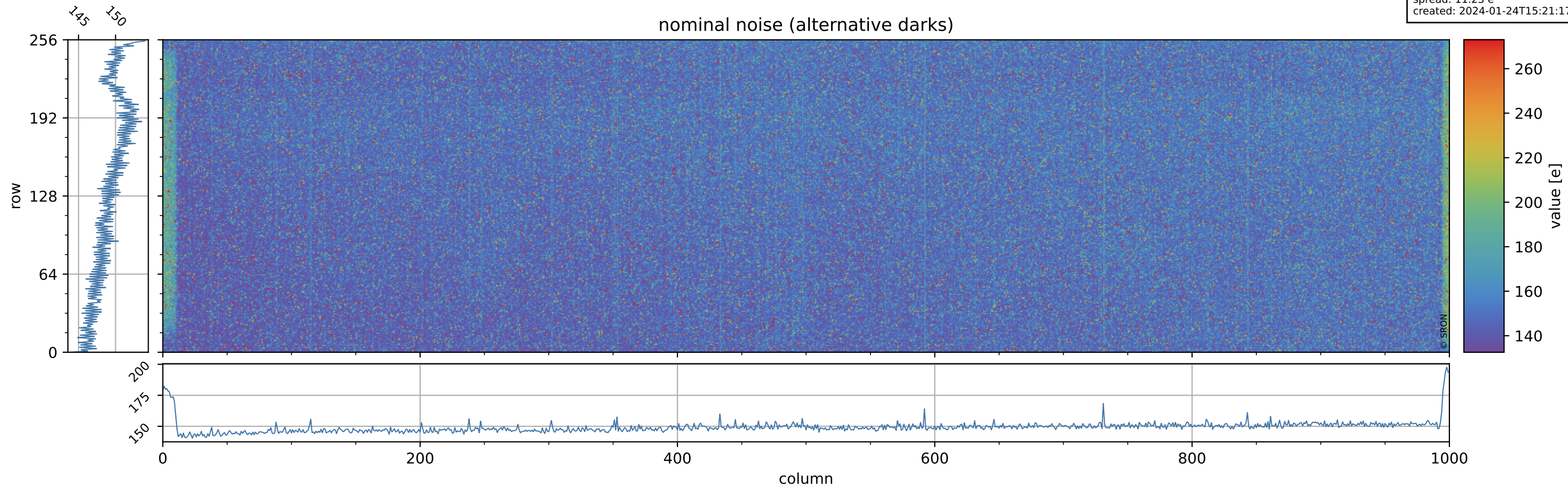


Tropomi SWIR background noise (swir)

orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
n_coad, t_exp: 1, 1.0783
median: 149.07 e
spread: 11.23 e
created: 2024-01-24T15:21:17Z

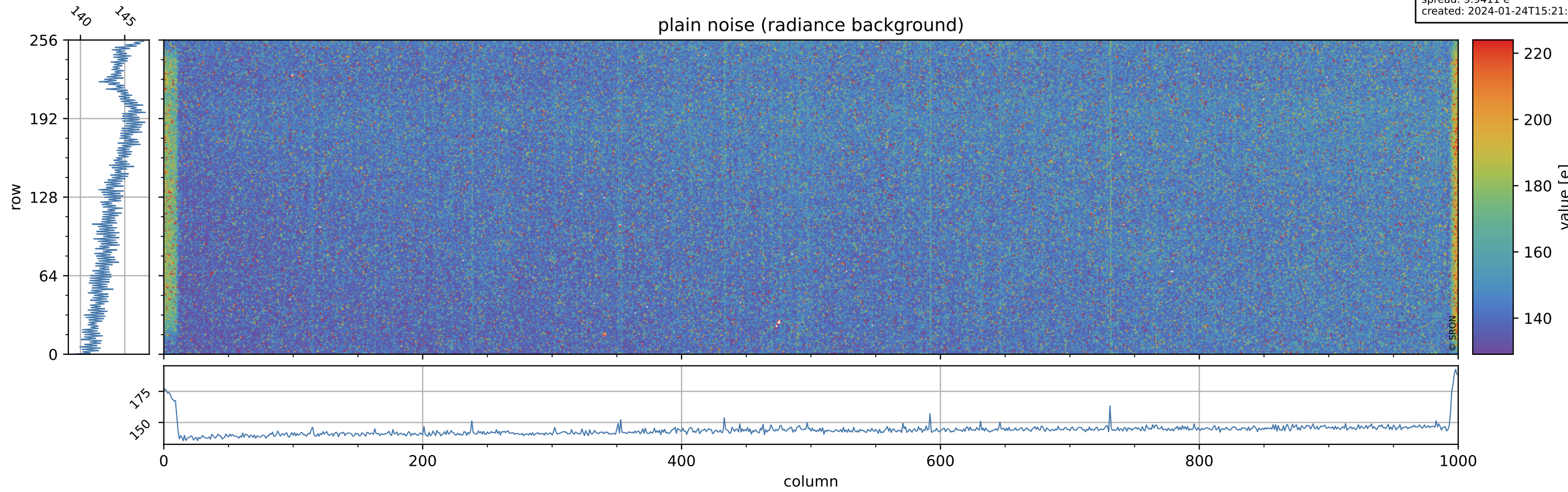
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
n_coad, t_exp: 1, 0.8383
median: 143.63 e
spread: 9.9411 e
created: 2024-01-24T15:21:17Z

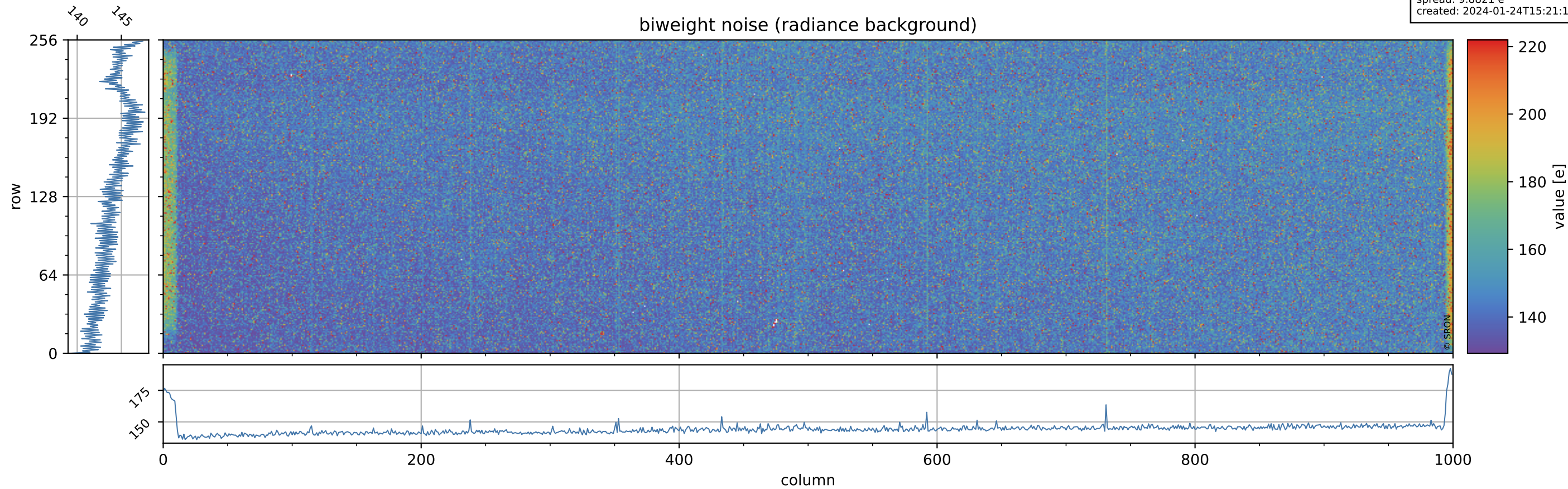
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
n_coad, t_exp: 1, 0.8383
median: 143.95 e
spread: 9.8821 e
created: 2024-01-24T15:21:18Z

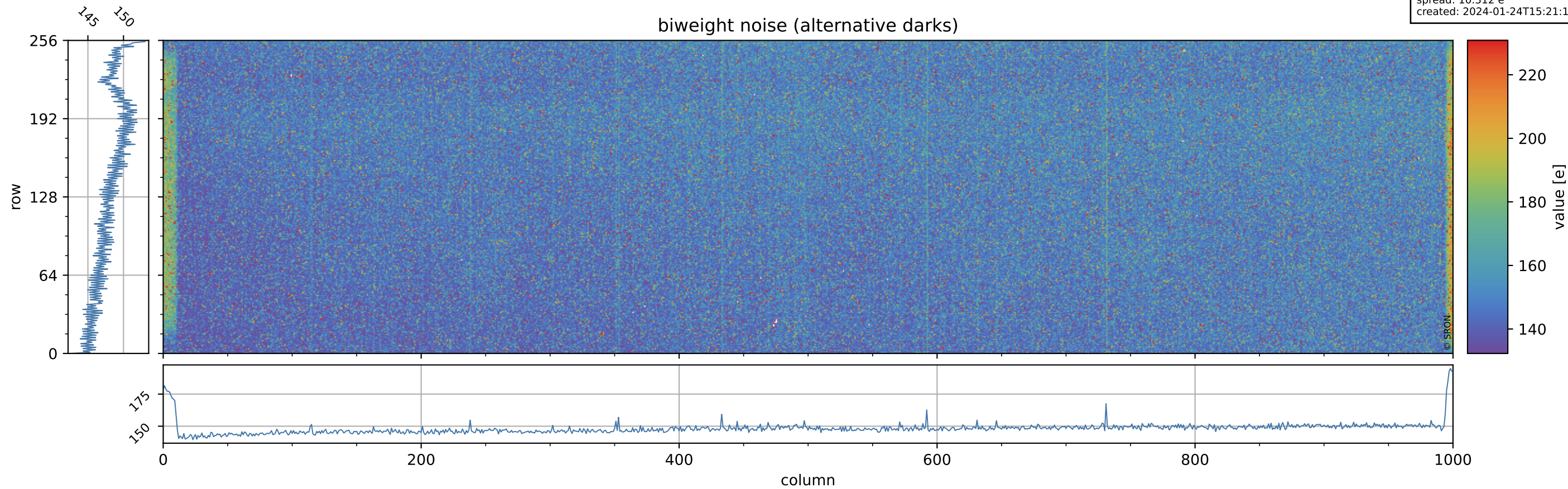
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
n_coad, t_exp: 1, 1.0783
median: 147.96 e
spread: 10.312 e
created: 2024-01-24T15:21:18Z

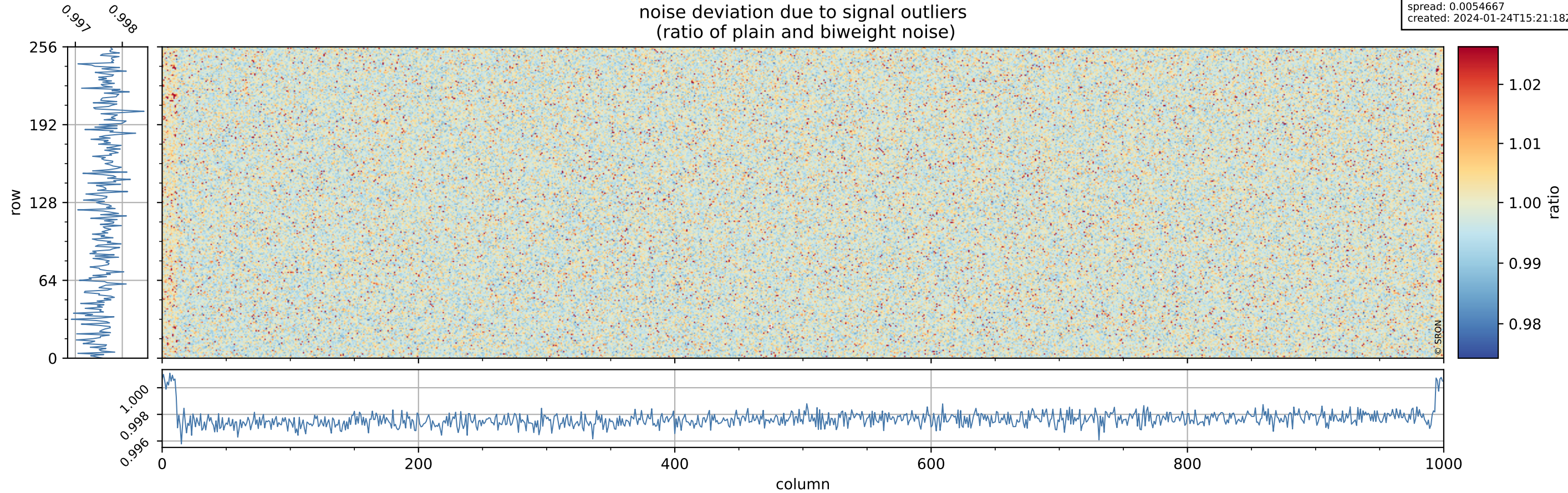
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

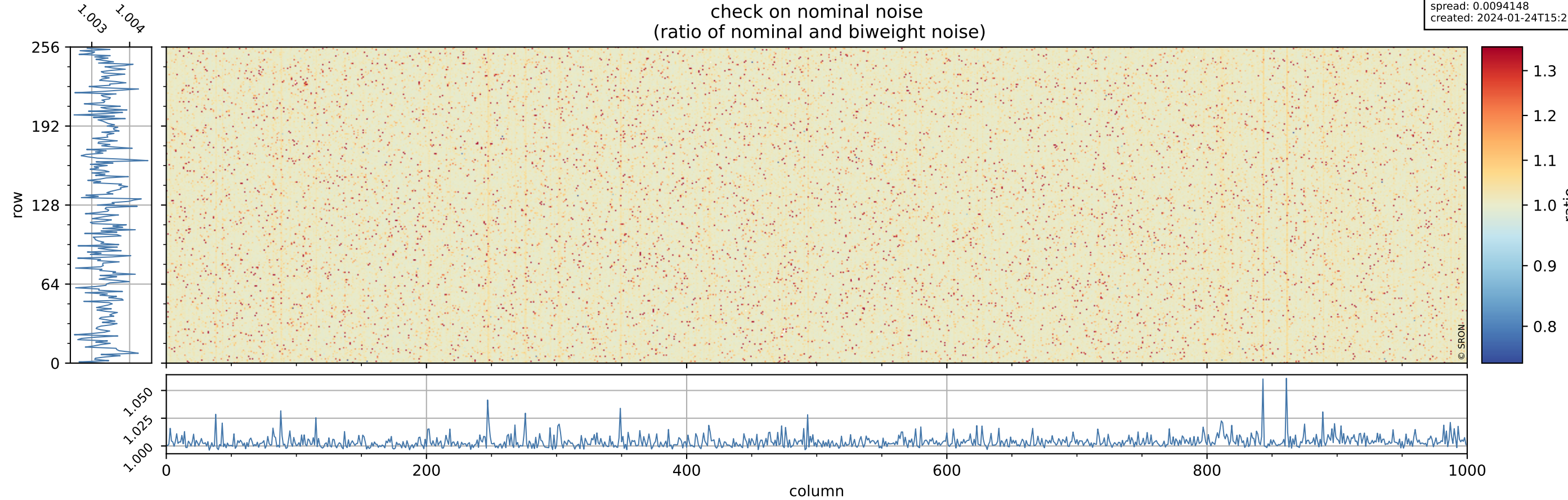
orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
median: 0.99763
spread: 0.0054667
created: 2024-01-24T15:21:18Z



Tropomi SWIR background noise (swir)

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

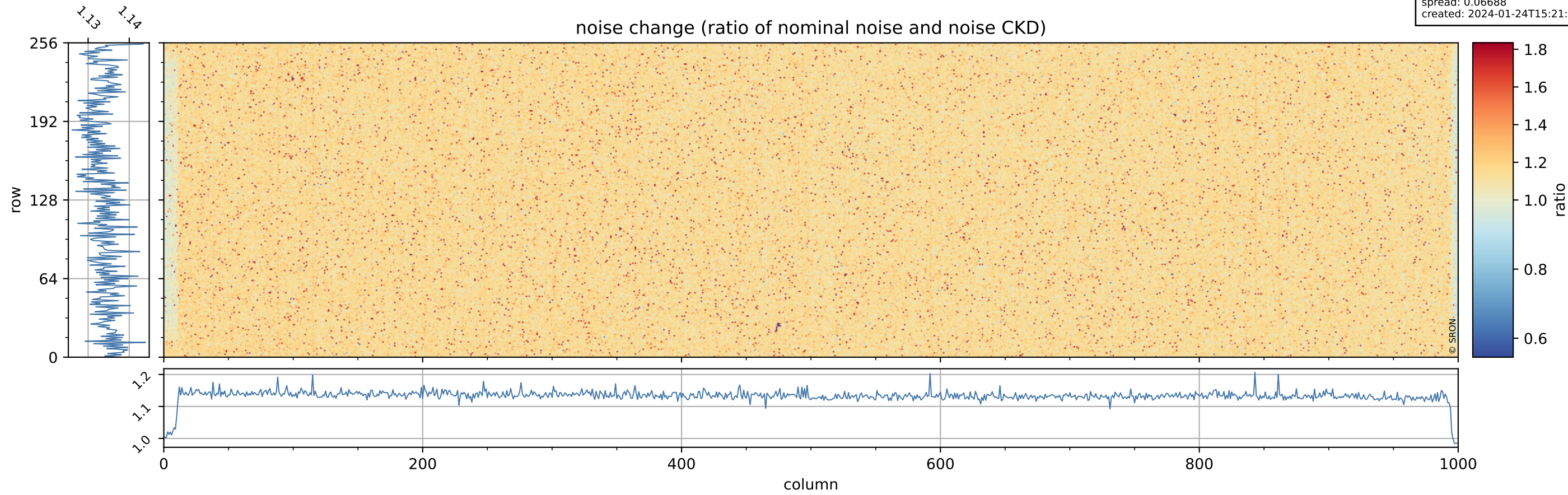
orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
median: 1.0032
spread: 0.0094148
created: 2024-01-24T15:21:19Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
median: 1.1322
spread: 0.06688
created: 2024-01-24T15:21:19Z

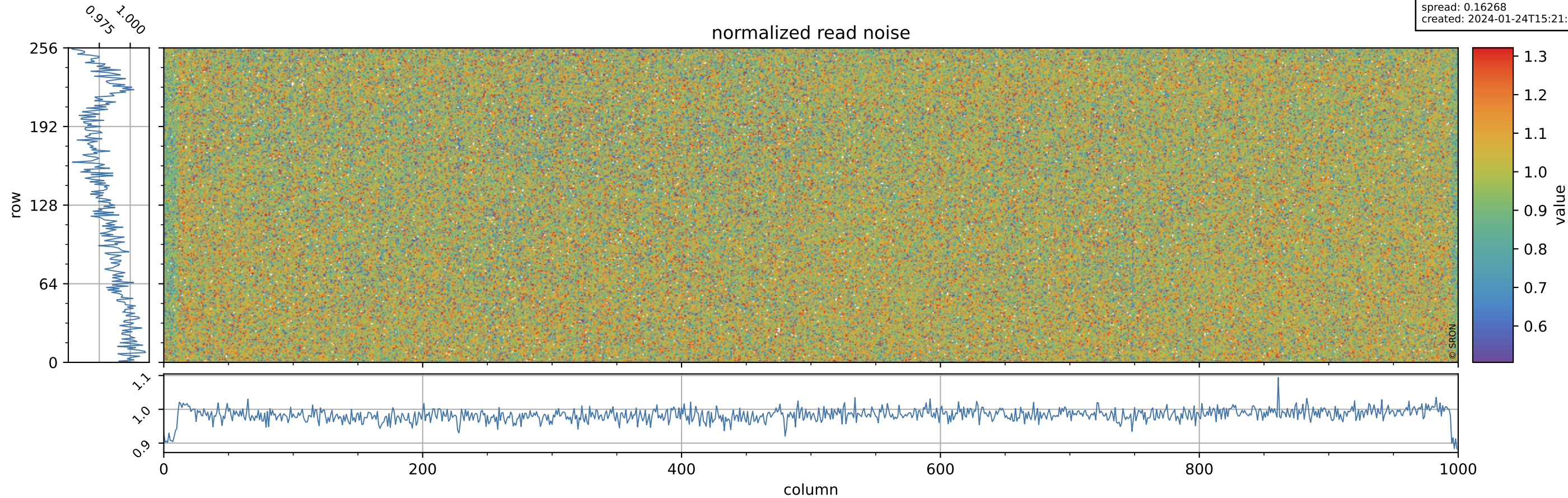
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
median: 0.98191
spread: 0.16268
created: 2024-01-24T15:21:19Z

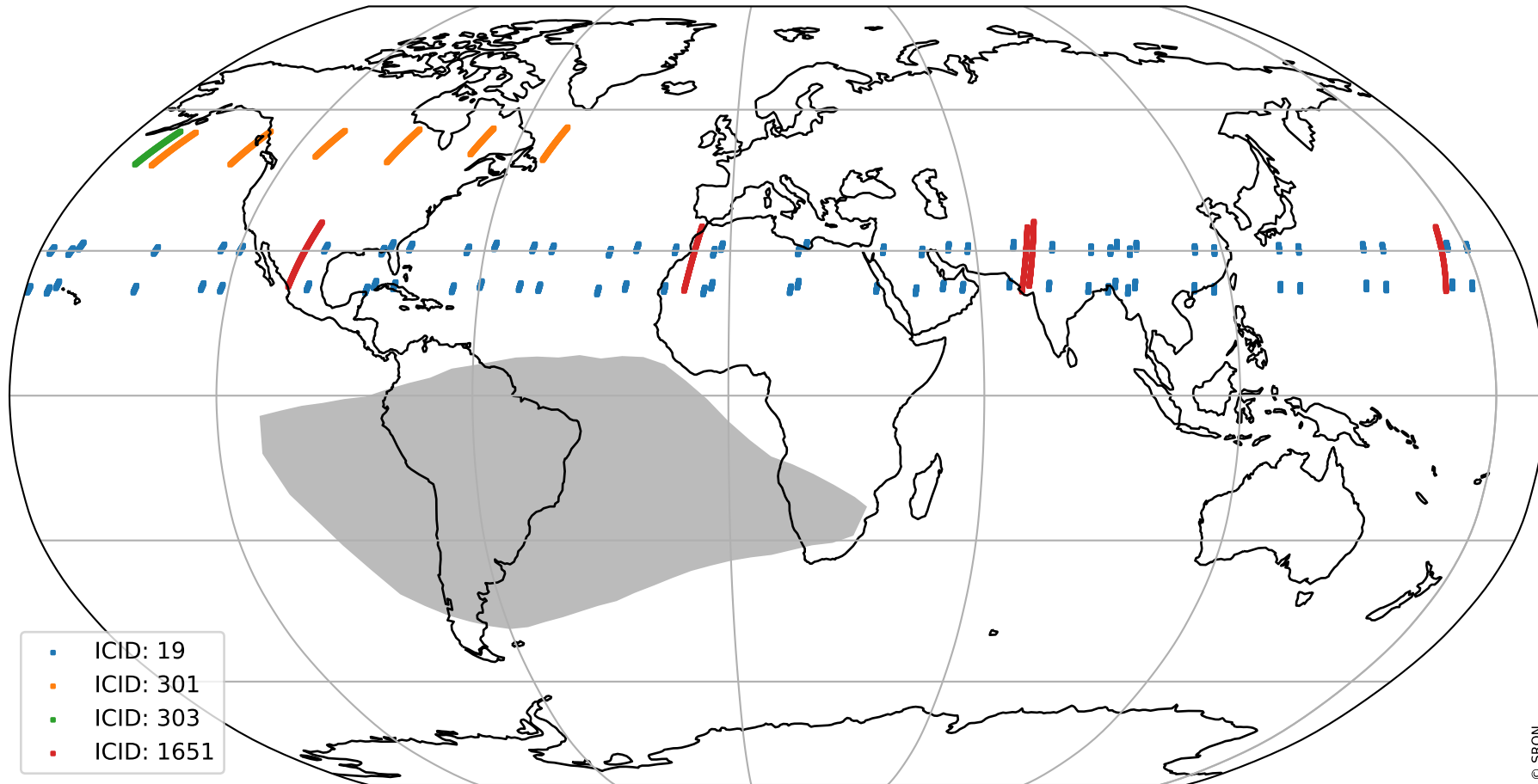
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32452, 32542]
coverage: 2024-01-18 / 2024-01-23
created: 2024-01-24T15:21:19Z

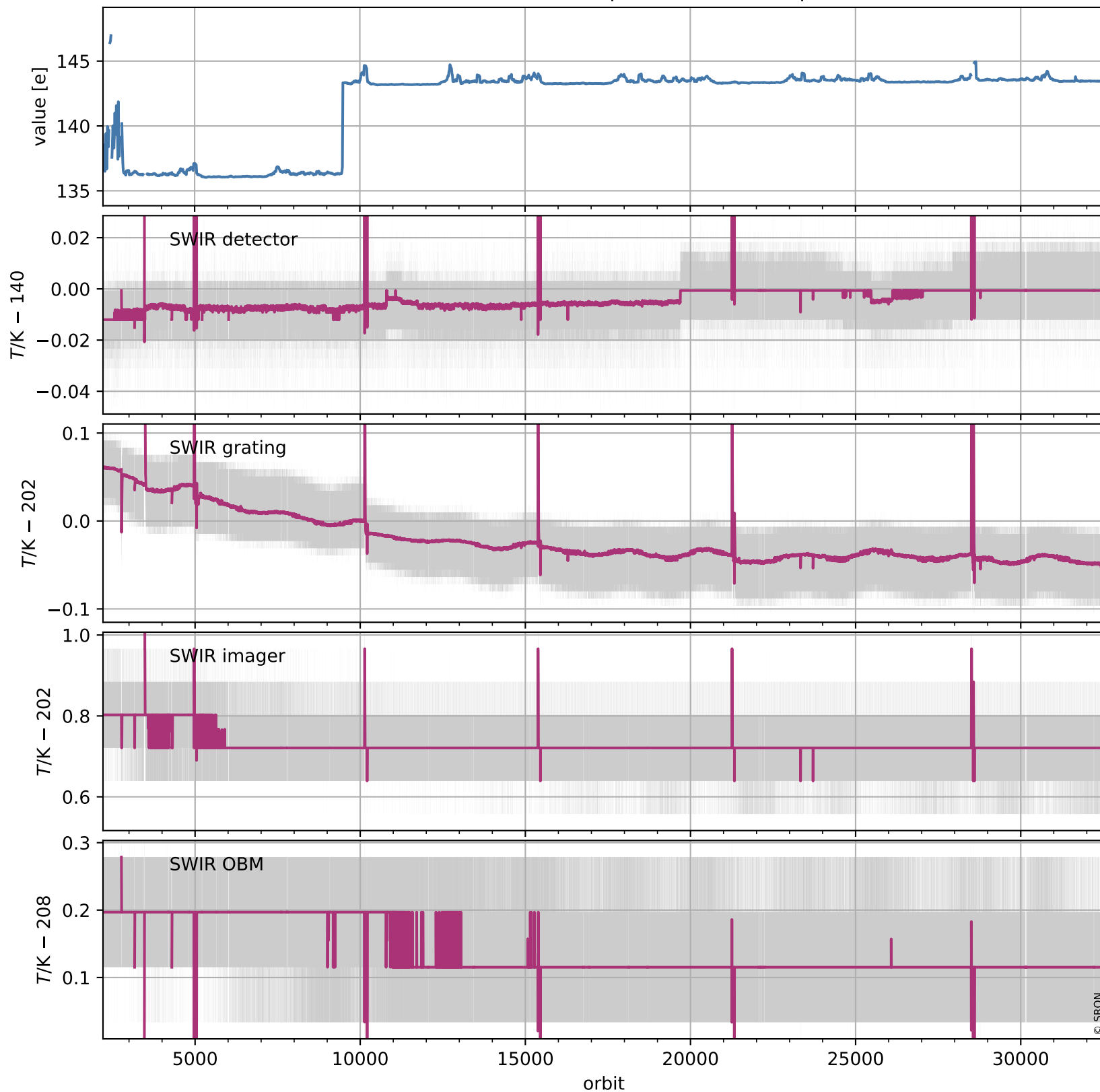
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32542]
coverage: 2018-03-18 / 2024-01-23
created: 2024-01-24T15:21:22Z

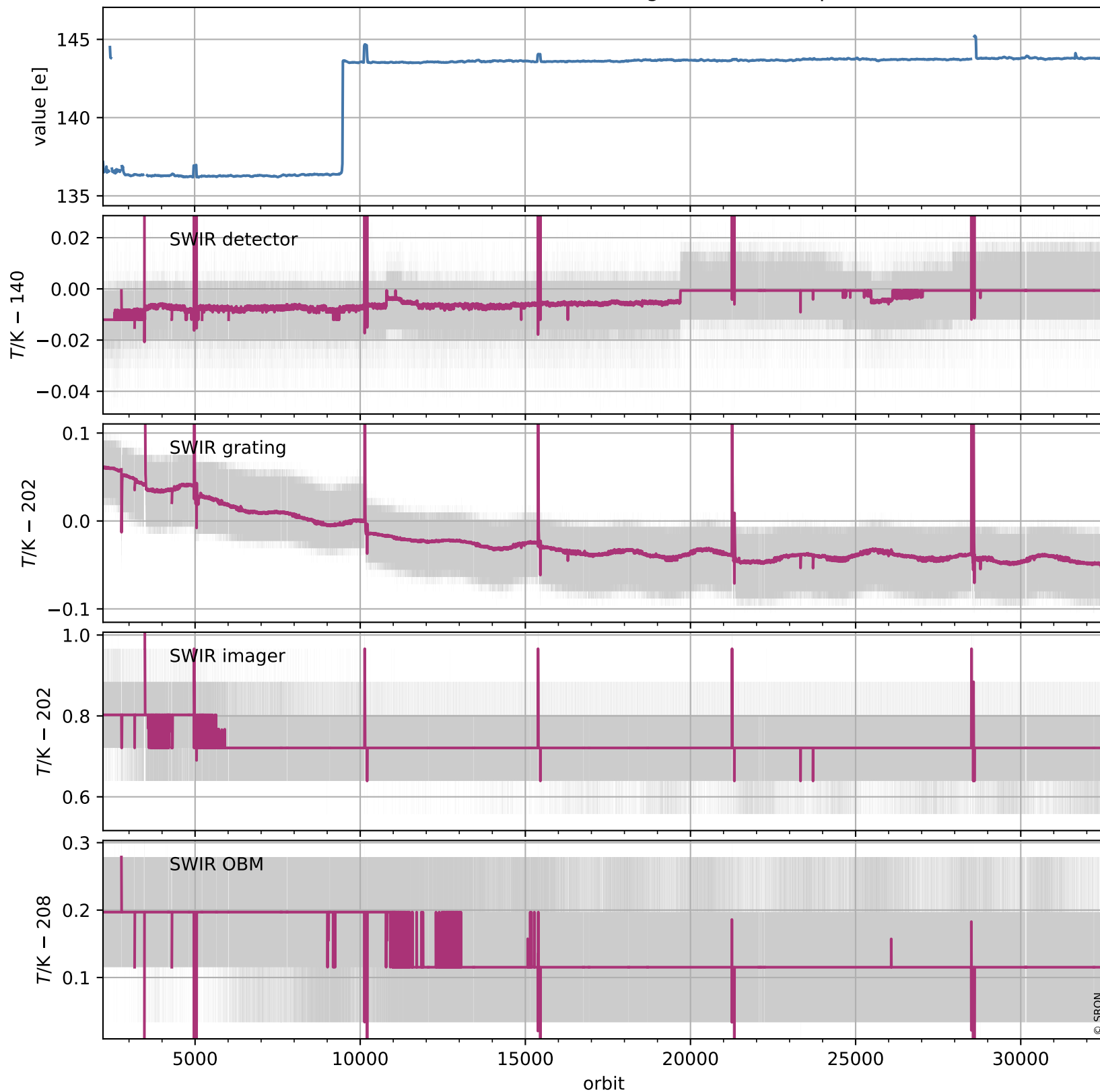
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32542]
coverage: 2018-03-18 / 2024-01-23
created: 2024-01-24T15:21:23Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32542]
coverage: 2018-03-18 / 2024-01-23
created: 2024-01-24T15:21:24Z

trend of normalized read-noise & temperatures

