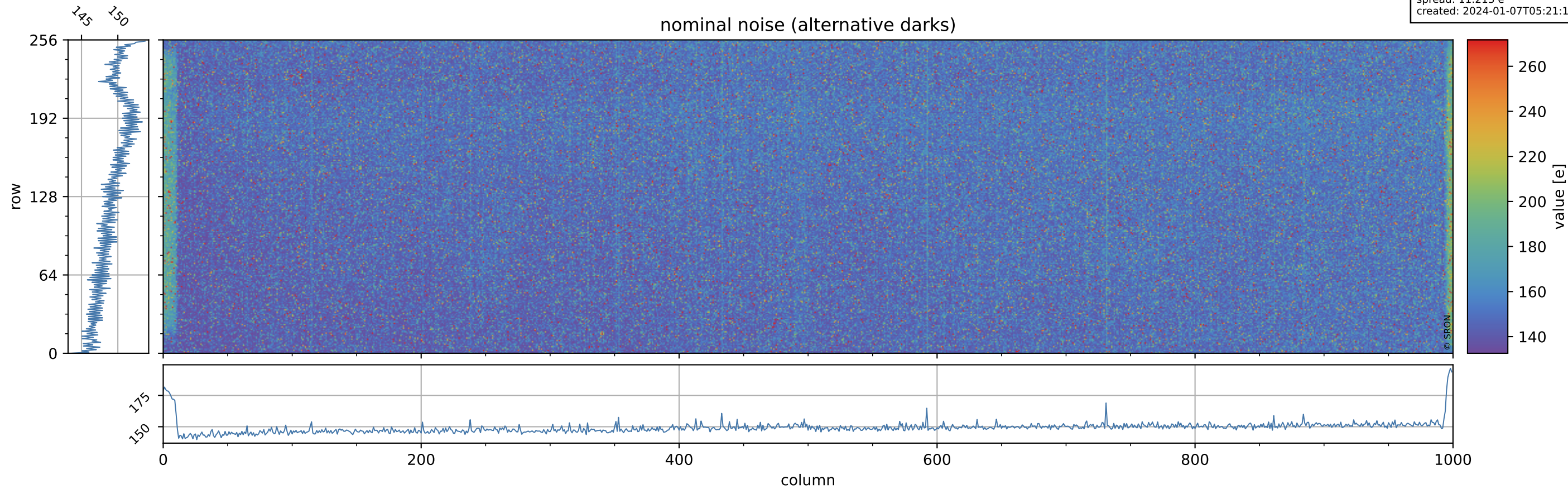


Tropomi SWIR background noise (swir)

orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
n_coad, t_exp: 1, 1.0783
median: 149.06 e
spread: 11.213 e
created: 2024-01-07T05:21:18Z

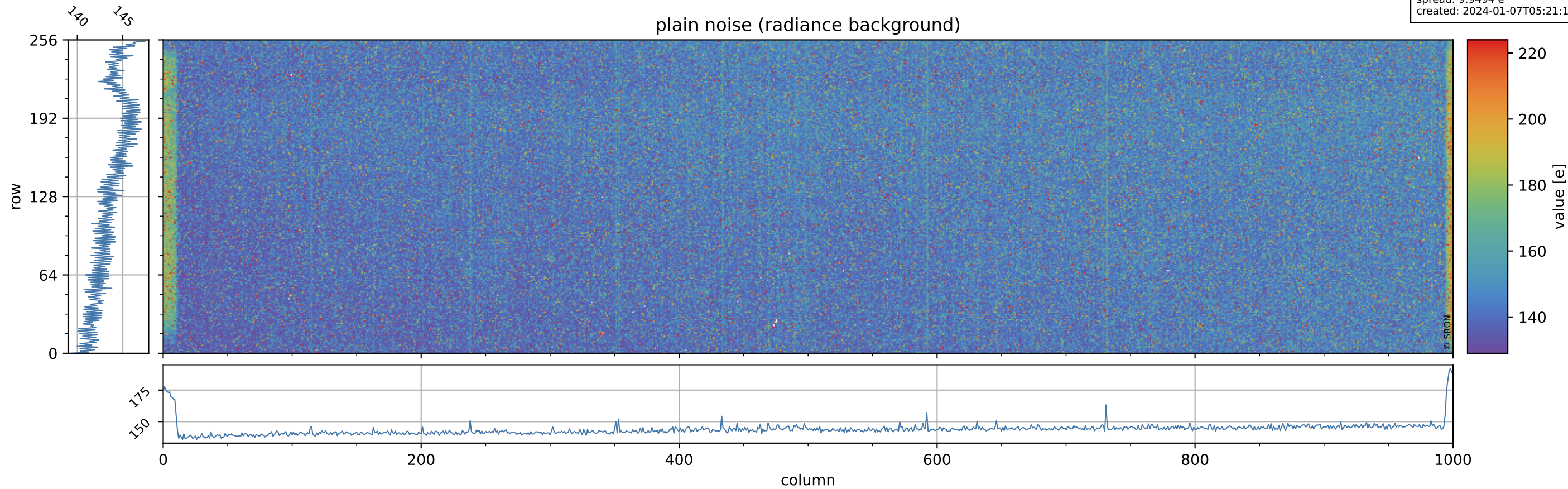
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
n_coad, t_exp: 1, 0.8383
median: 143.61 e
spread: 9.9494 e
created: 2024-01-07T05:21:18Z

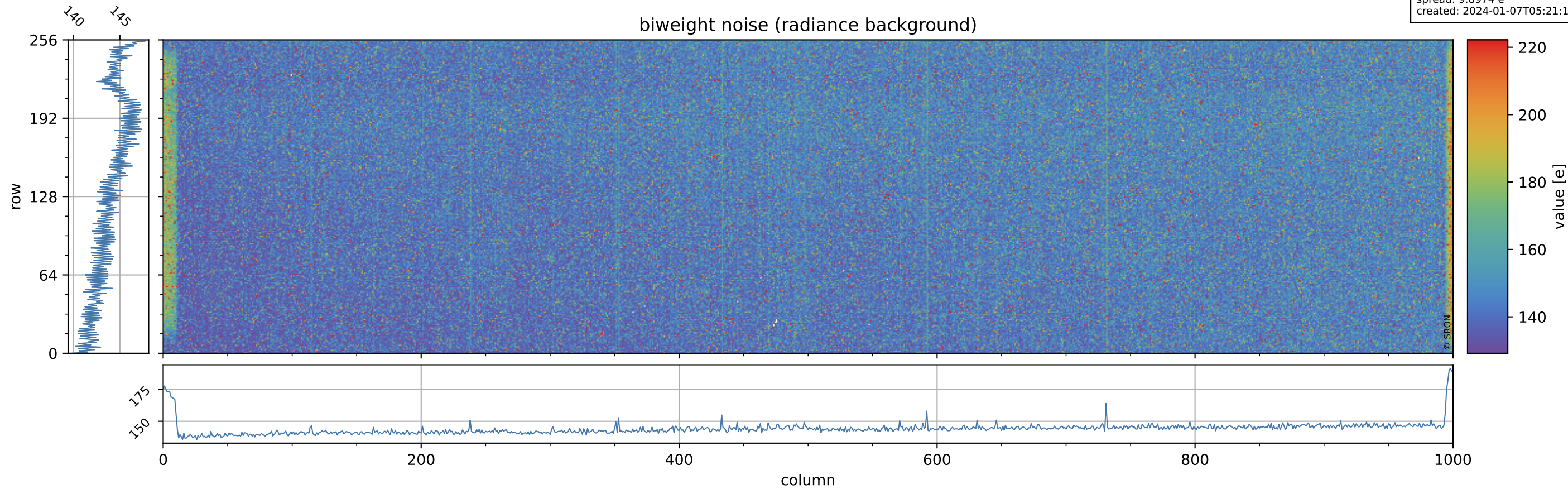
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
n_coad, t_exp: 1, 0.8383
median: 143.93 e
spread: 9.8974 e
created: 2024-01-07T05:21:19Z

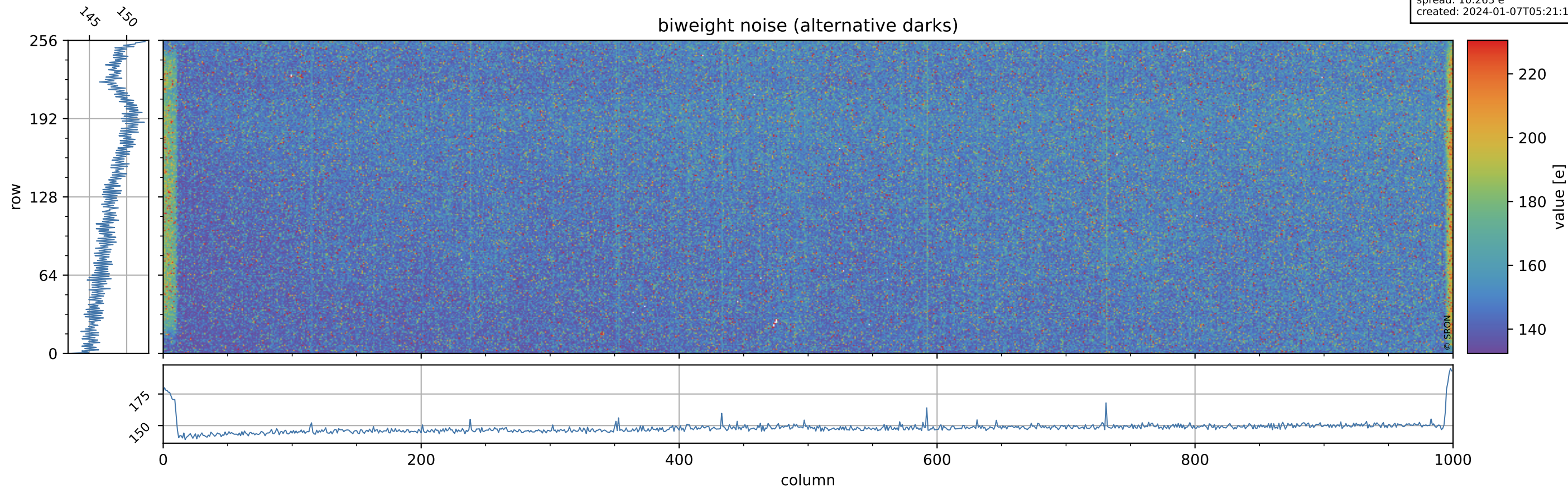
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
n_coad, t_exp: 1, 1.0783
median: 147.93 e
spread: 10.263 e
created: 2024-01-07T05:21:19Z

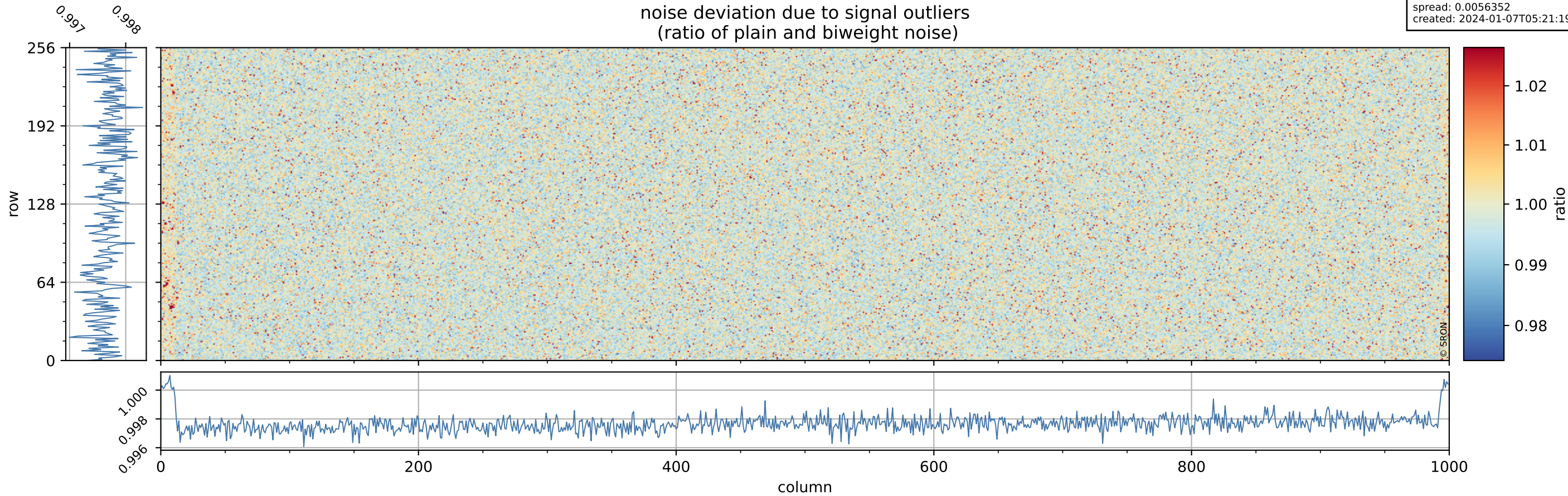
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

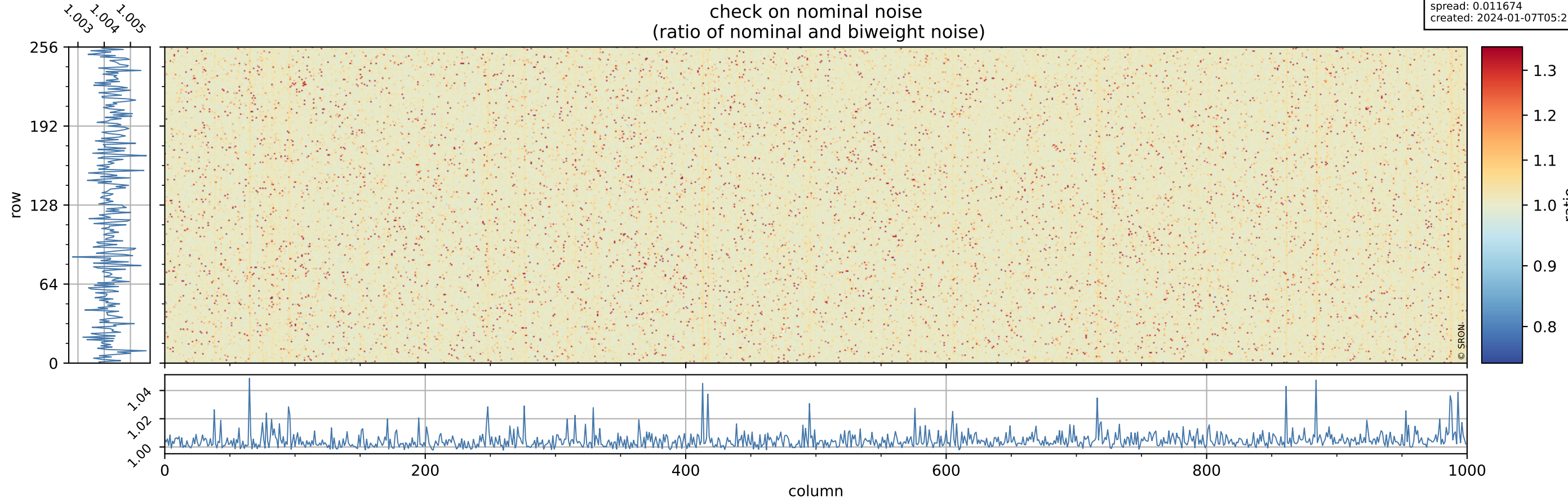
orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
median: 0.99766
spread: 0.0056352
created: 2024-01-07T05:21:19Z



Tropomi SWIR background noise (swir)

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

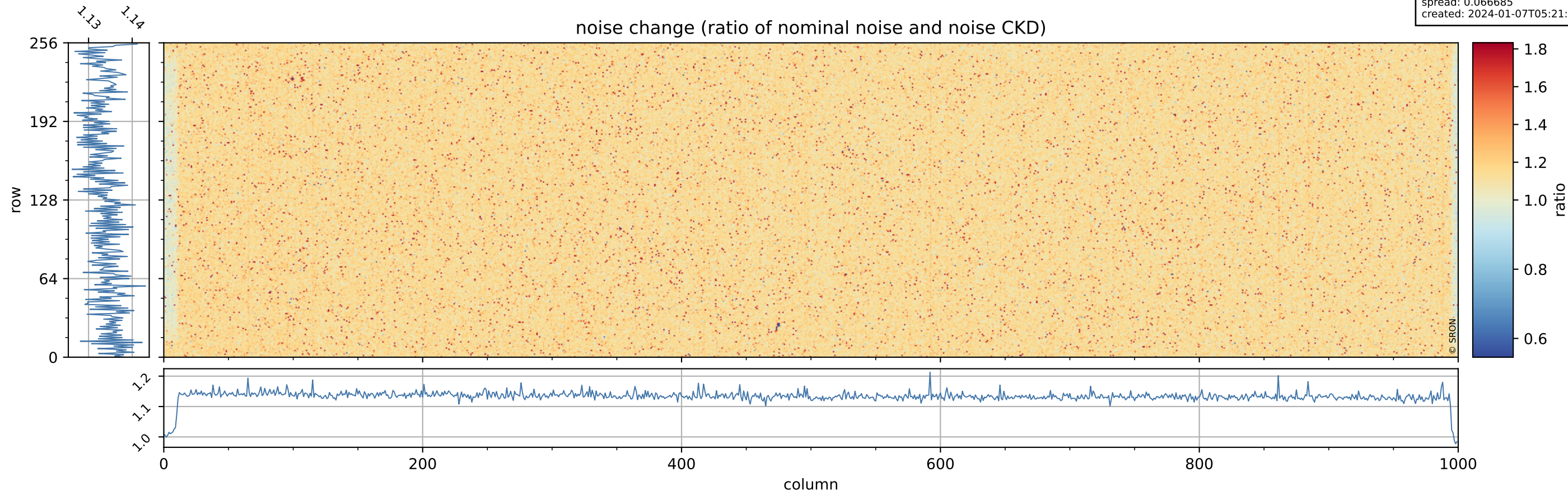
orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
median: 1.0038
spread: 0.011674
created: 2024-01-07T05:21:19Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
median: 1.1322
spread: 0.066685
created: 2024-01-07T05:21:20Z

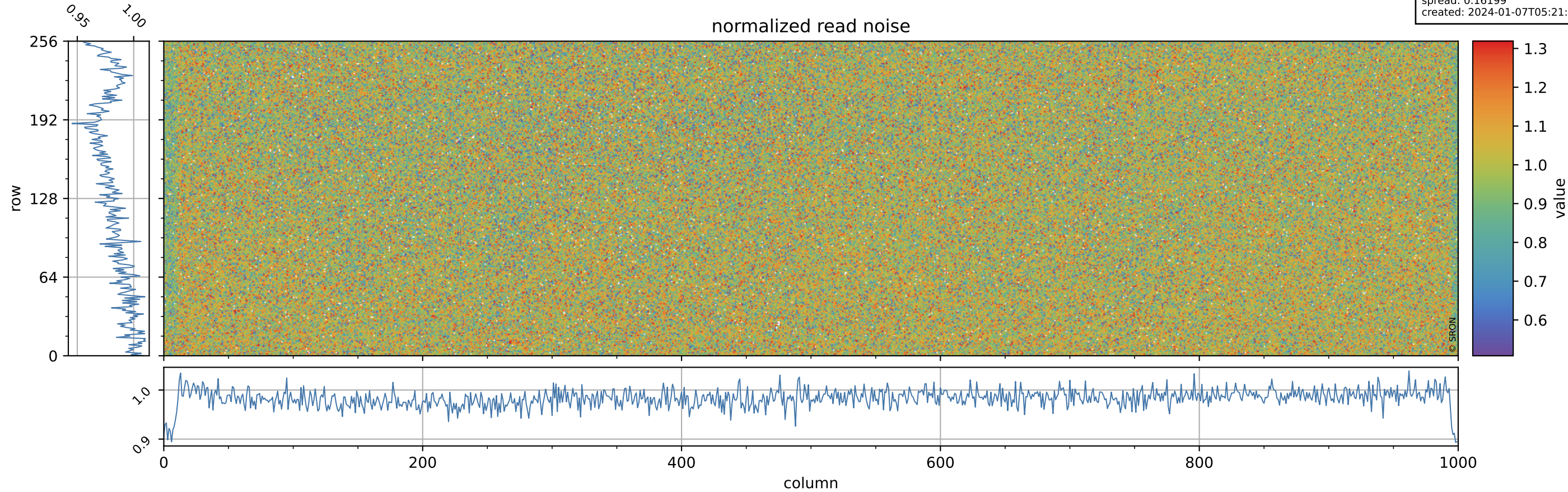
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
median: 0.98168
spread: 0.16199
created: 2024-01-07T05:21:20Z

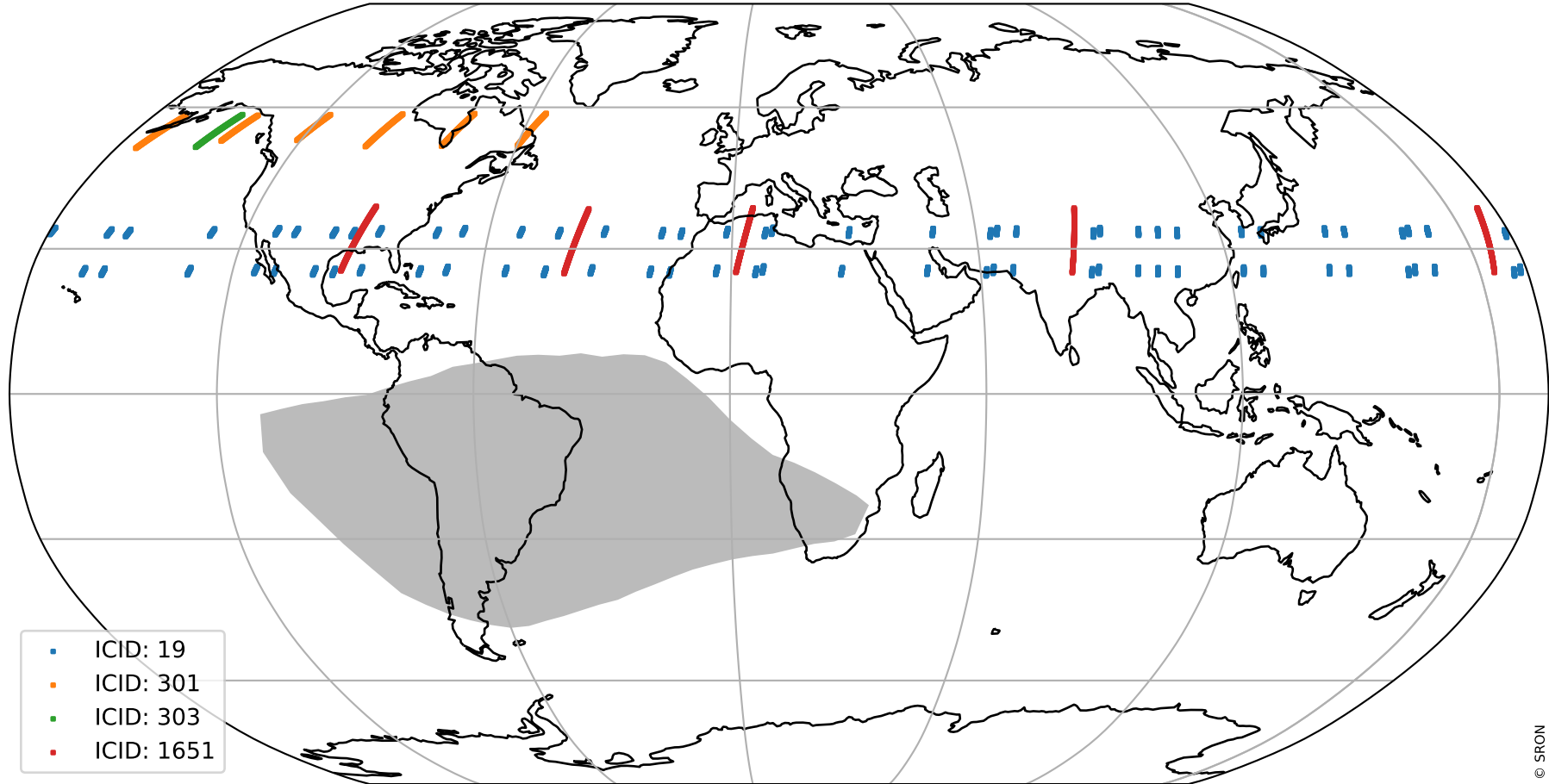
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32197, 32287]
coverage: 2023-12-31 / 2024-01-06
created: 2024-01-07T05:21:20Z

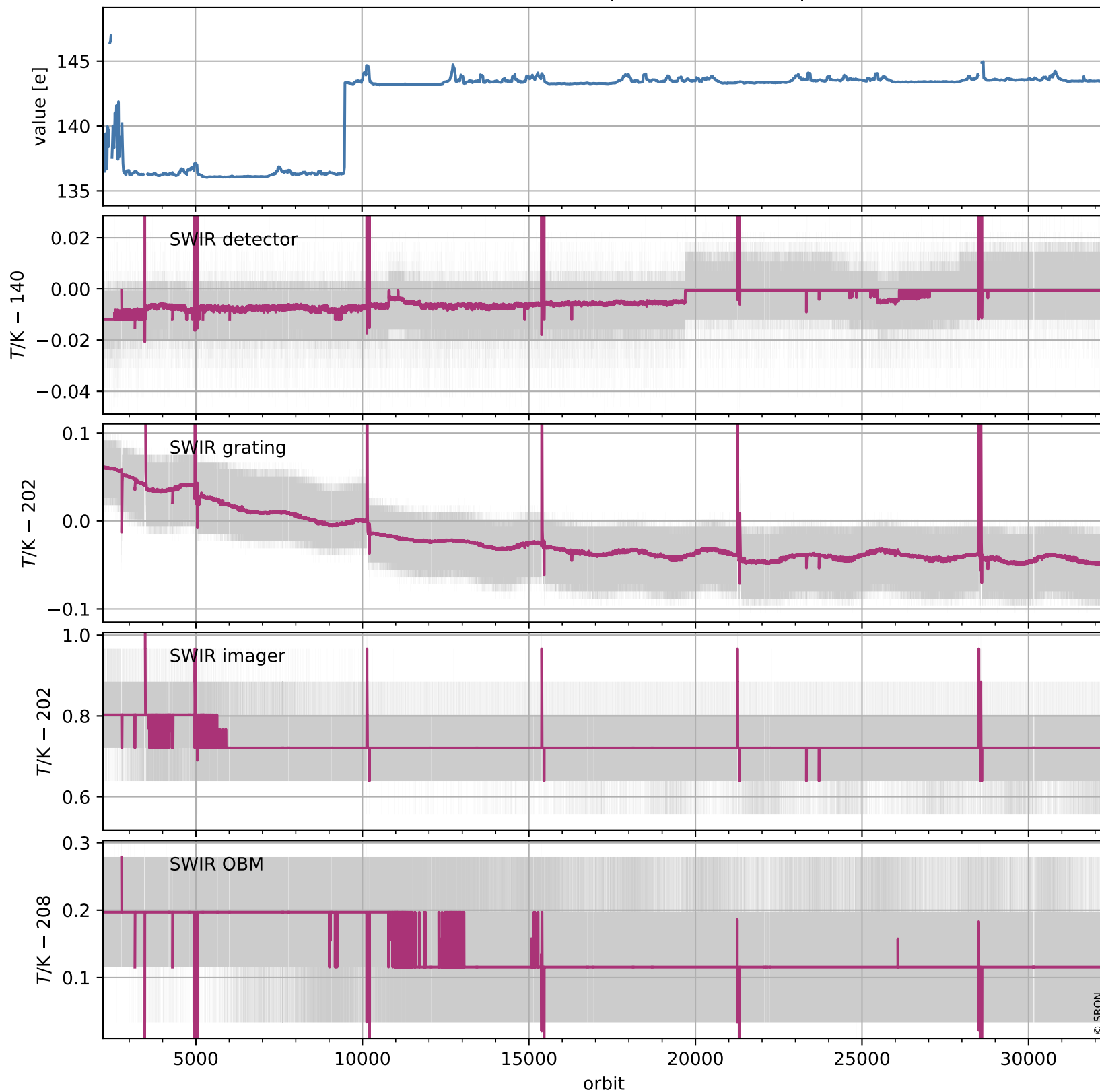
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32287]
coverage: 2018-03-18 / 2024-01-06
created: 2024-01-07T05:21:21Z

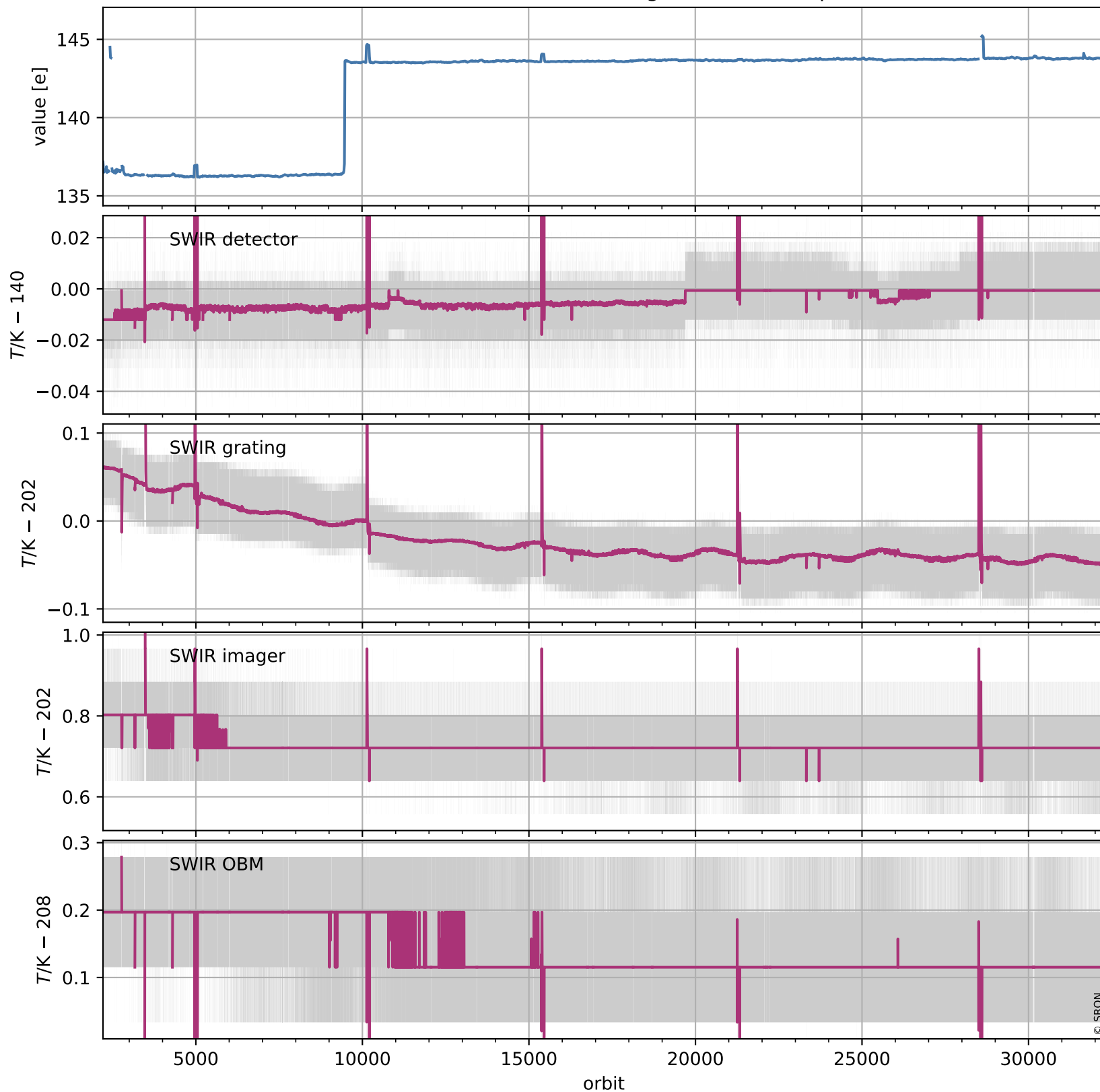
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32287]
coverage: 2018-03-18 / 2024-01-06
created: 2024-01-07T05:21:22Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32287]
coverage: 2018-03-18 / 2024-01-06
created: 2024-01-07T05:21:23Z

trend of normalized read-noise & temperatures

