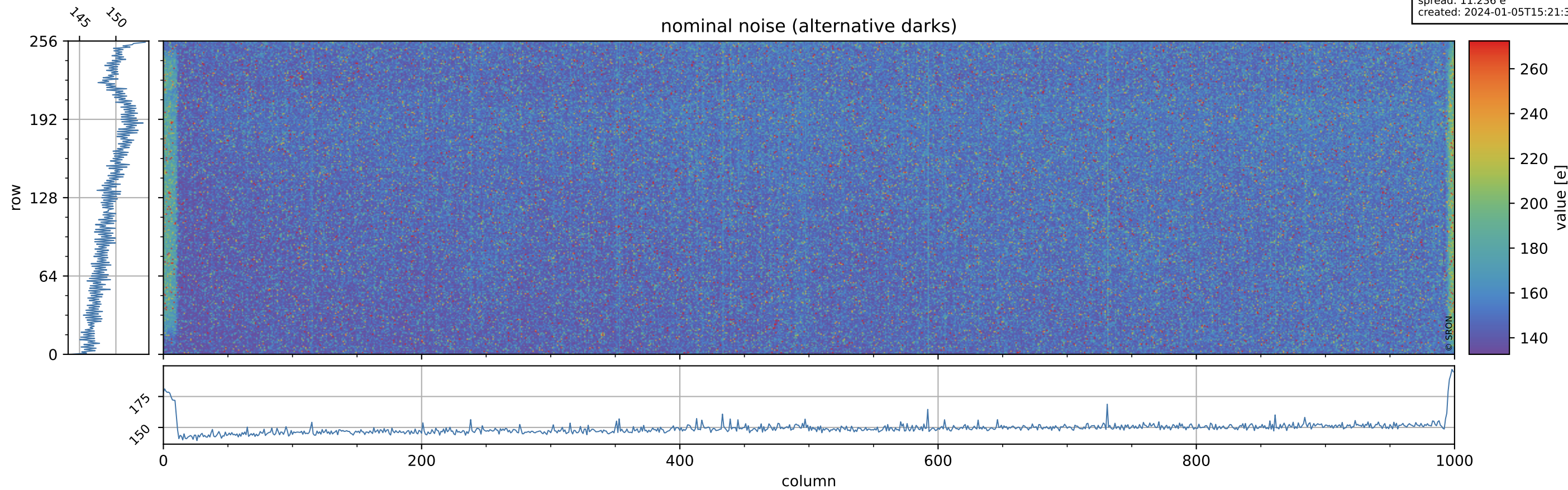


Tropomi SWIR background noise (swir)

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
n_coad, t_exp: 1, 1.0783
median: 149.09 e
spread: 11.236 e
created: 2024-01-05T15:21:30Z

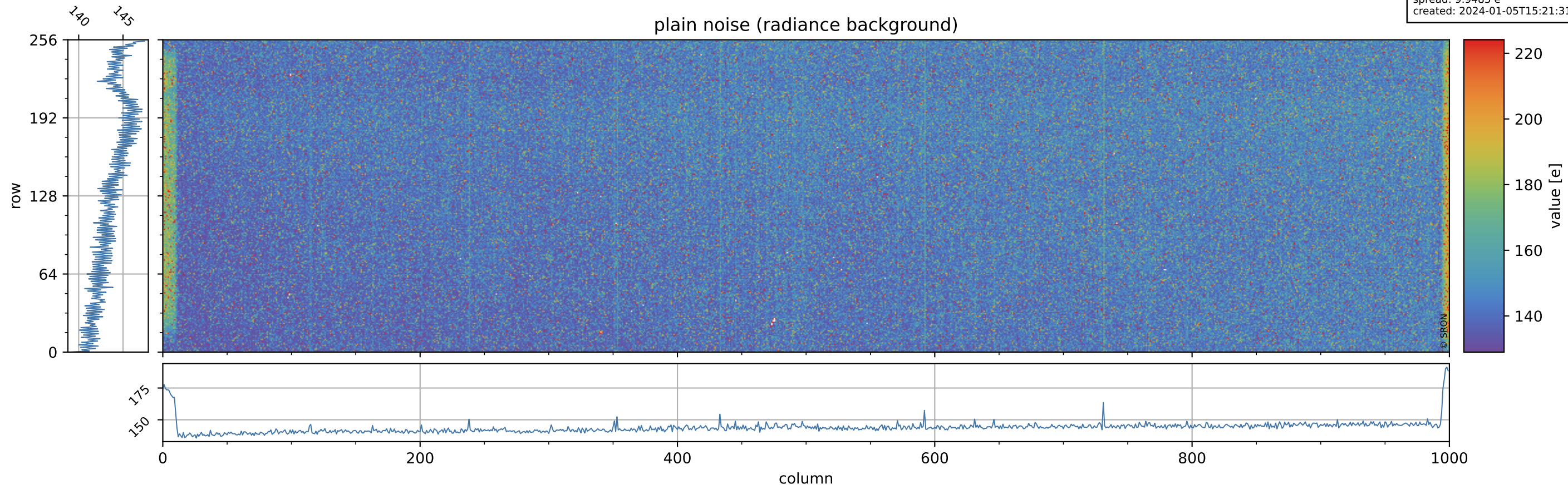
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
n_coad, t_exp: 1, 0.8383
median: 143.61 e
spread: 9.9485 e
created: 2024-01-05T15:21:31Z

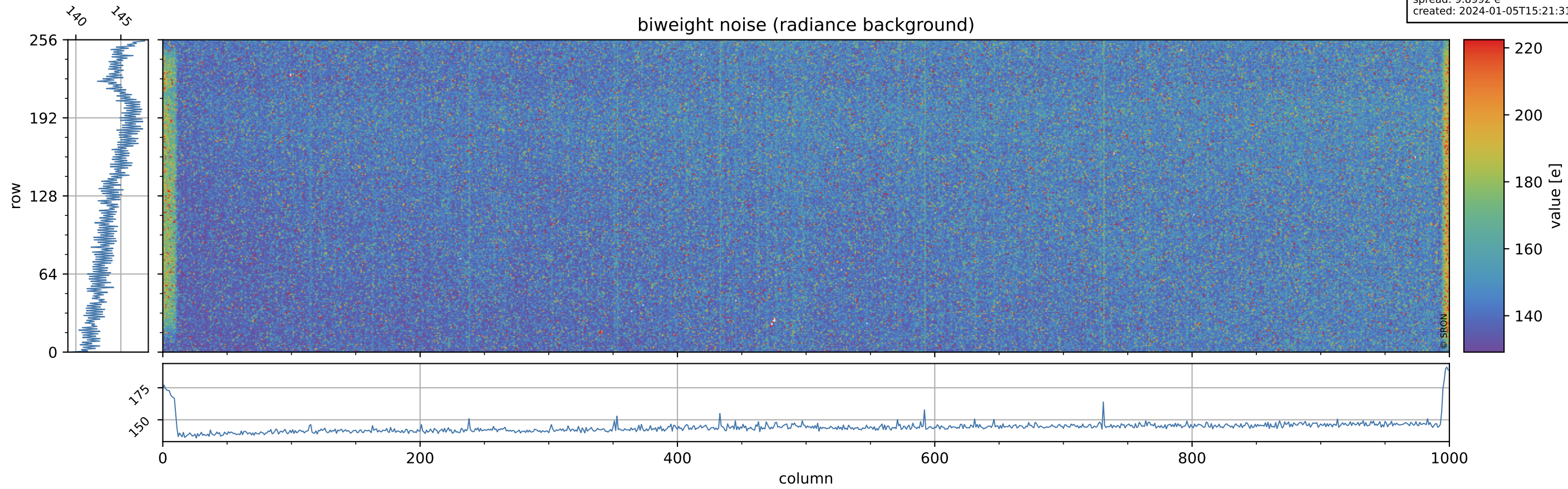
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
n_coad, t_exp: 1, 0.8383
median: 143.93 e
spread: 9.8992 e
created: 2024-01-05T15:21:31Z

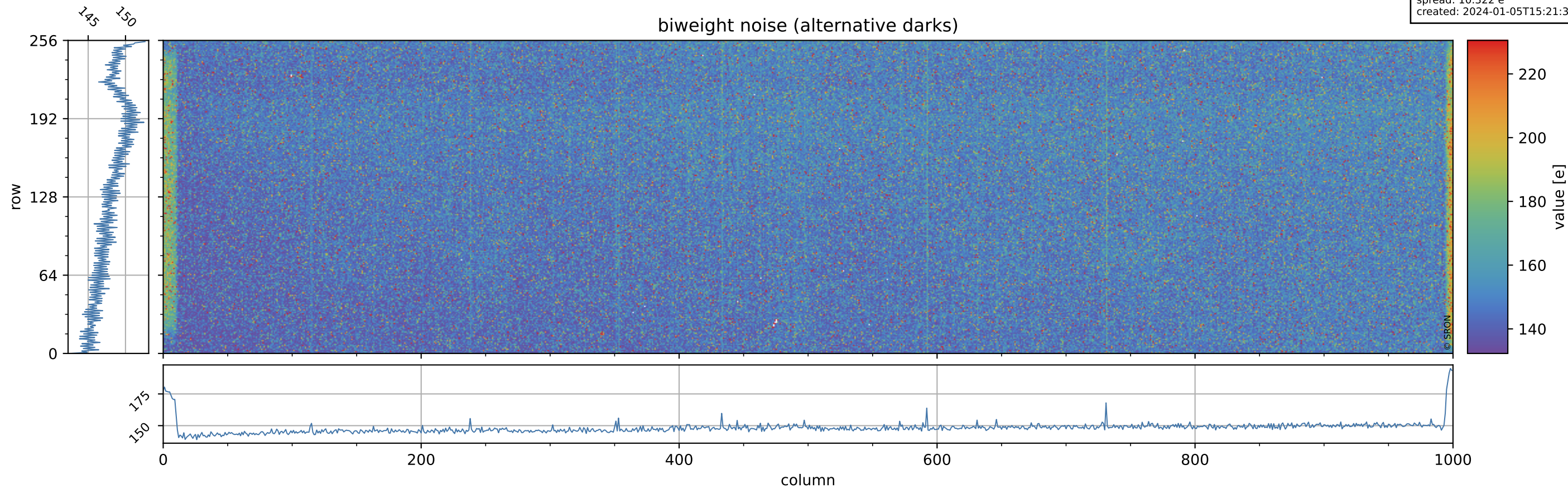
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
n_coad, t_exp: 1, 1.0783
median: 147.94 e
spread: 10.322 e
created: 2024-01-05T15:21:31Z

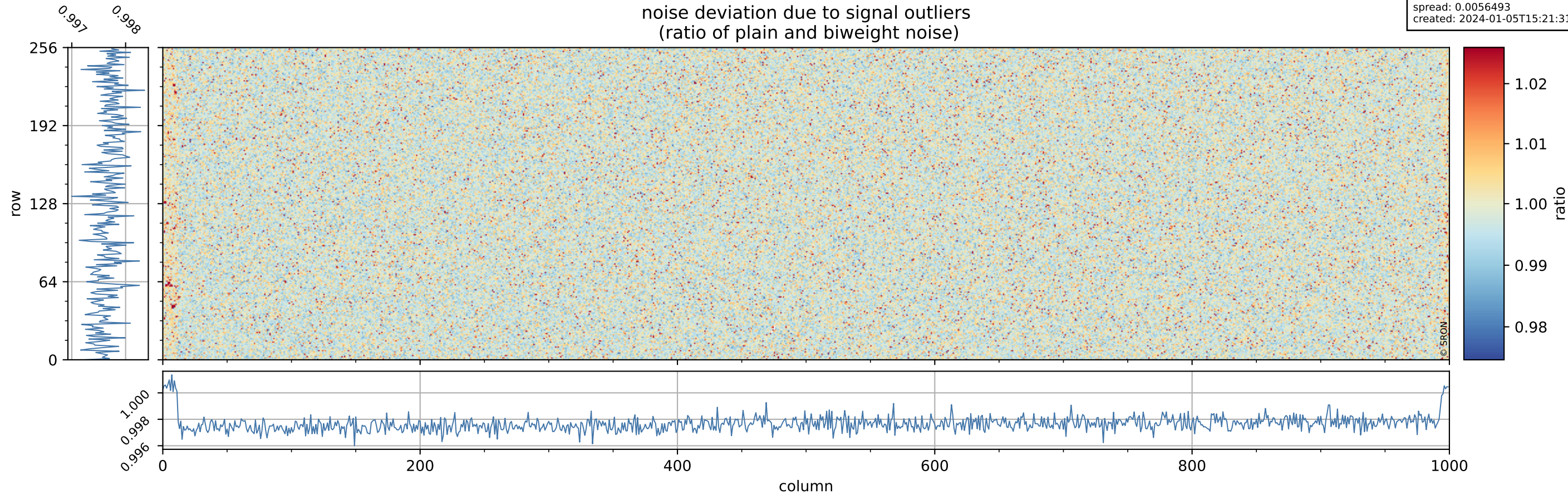
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

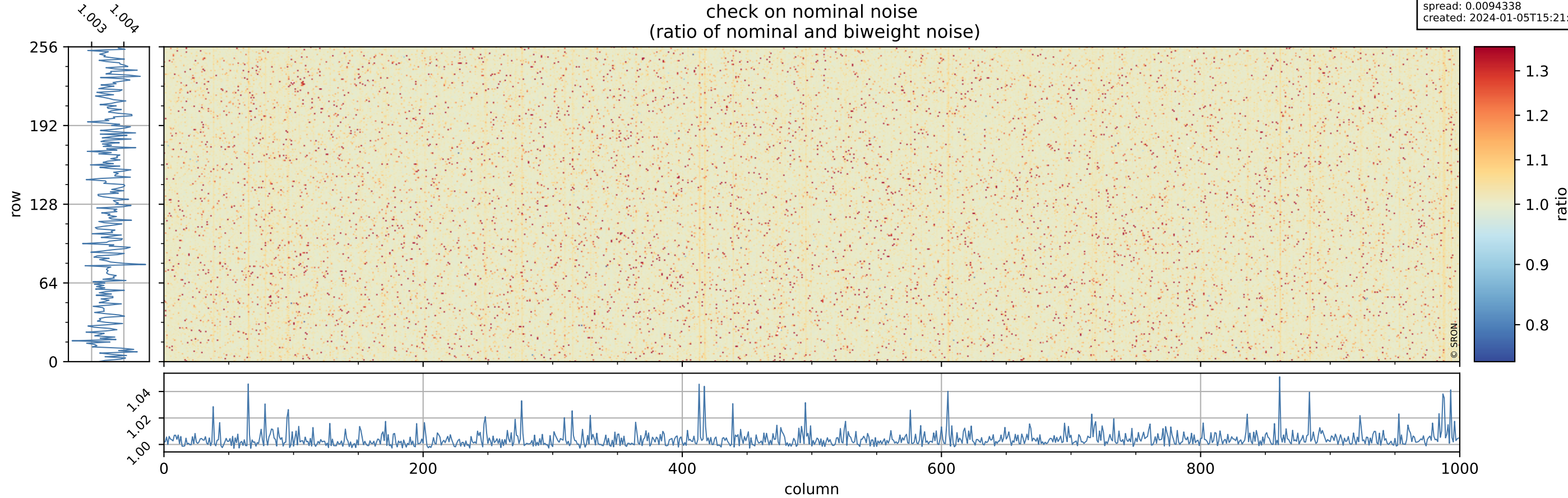
orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
median: 0.99765
spread: 0.0056493
created: 2024-01-05T15:21:31Z



Tropomi SWIR background noise (swir)

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

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
median: 1.0033
spread: 0.0094338
created: 2024-01-05T15:21:32Z

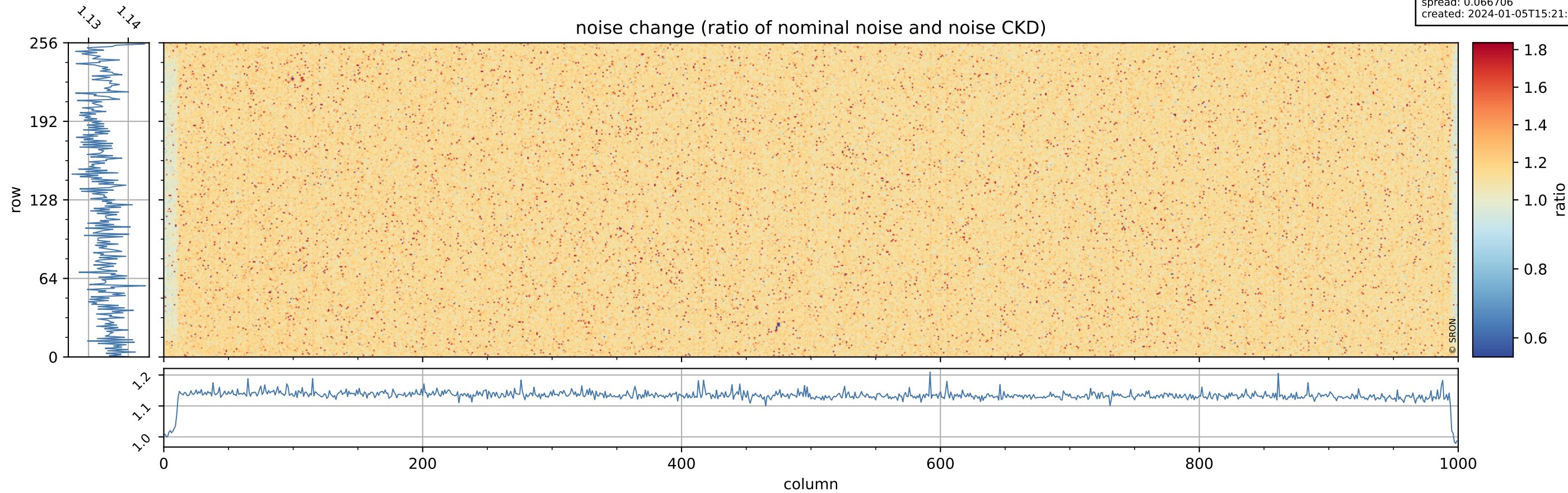


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Tropomi SWIR background noise (swir)

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
median: 1.1324
spread: 0.066706
created: 2024-01-05T15:21:32Z

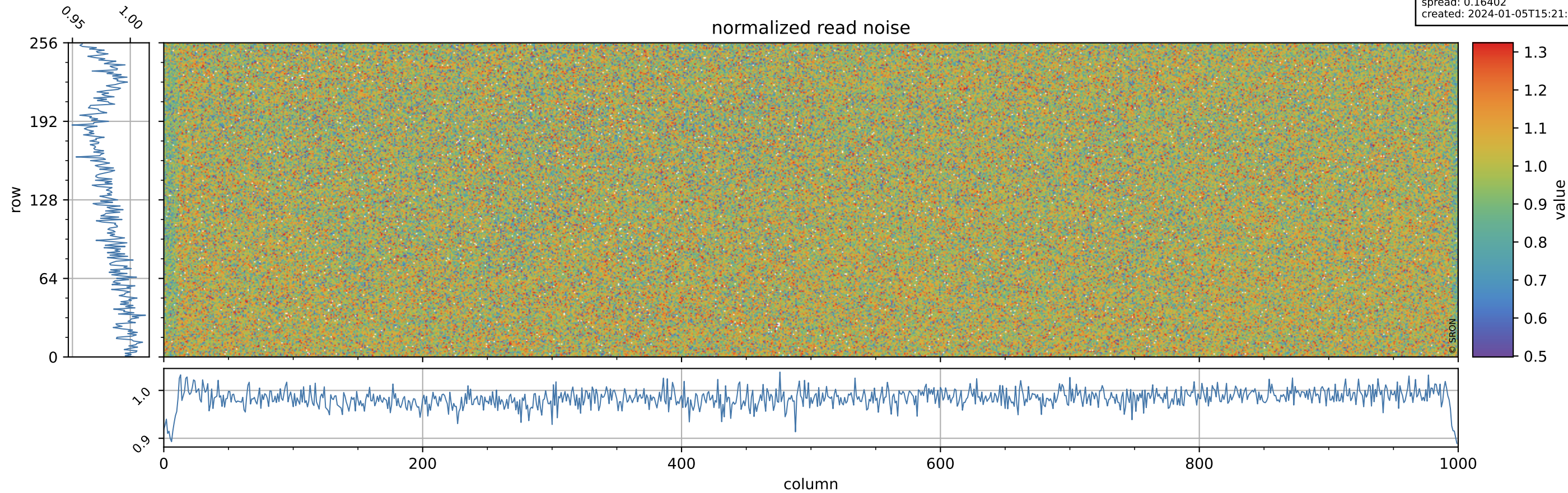
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
median: 0.98219
spread: 0.16402
created: 2024-01-05T15:21:32Z

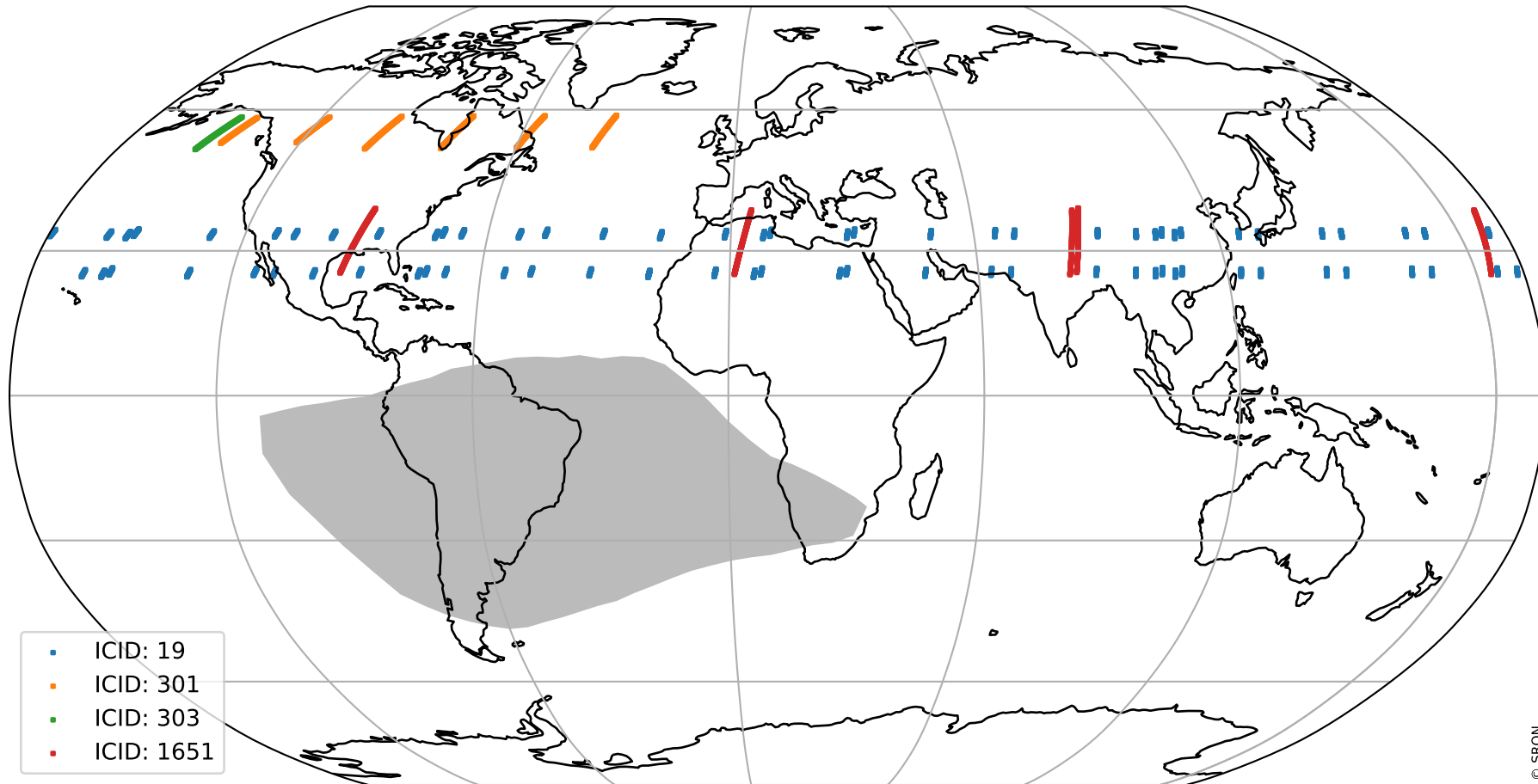
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32182, 32272]
coverage: 2023-12-30 / 2024-01-04
created: 2024-01-05T15:21:33Z

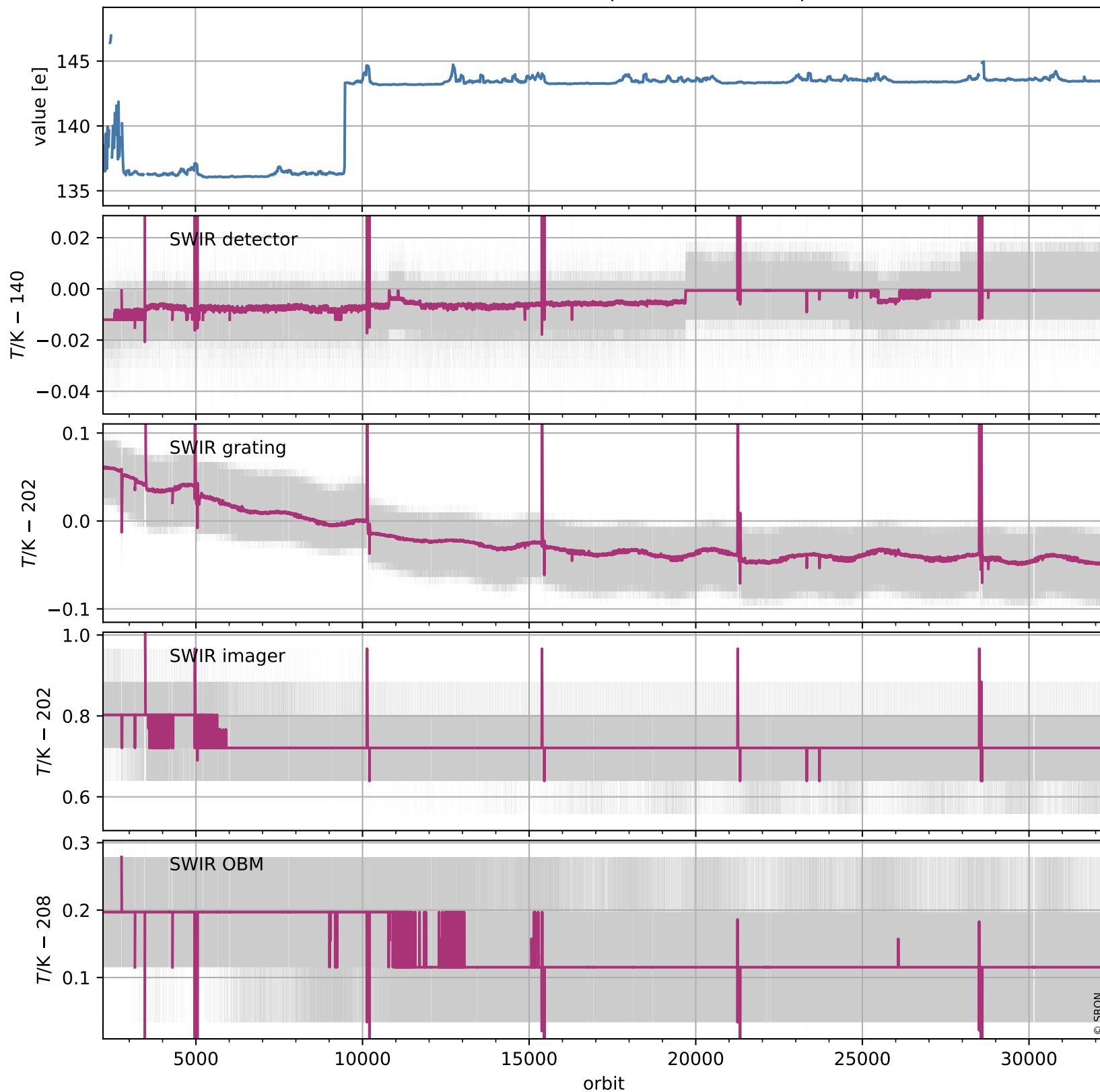
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32272]
coverage: 2018-03-18 / 2024-01-04
created: 2024-01-05T15:21:34Z

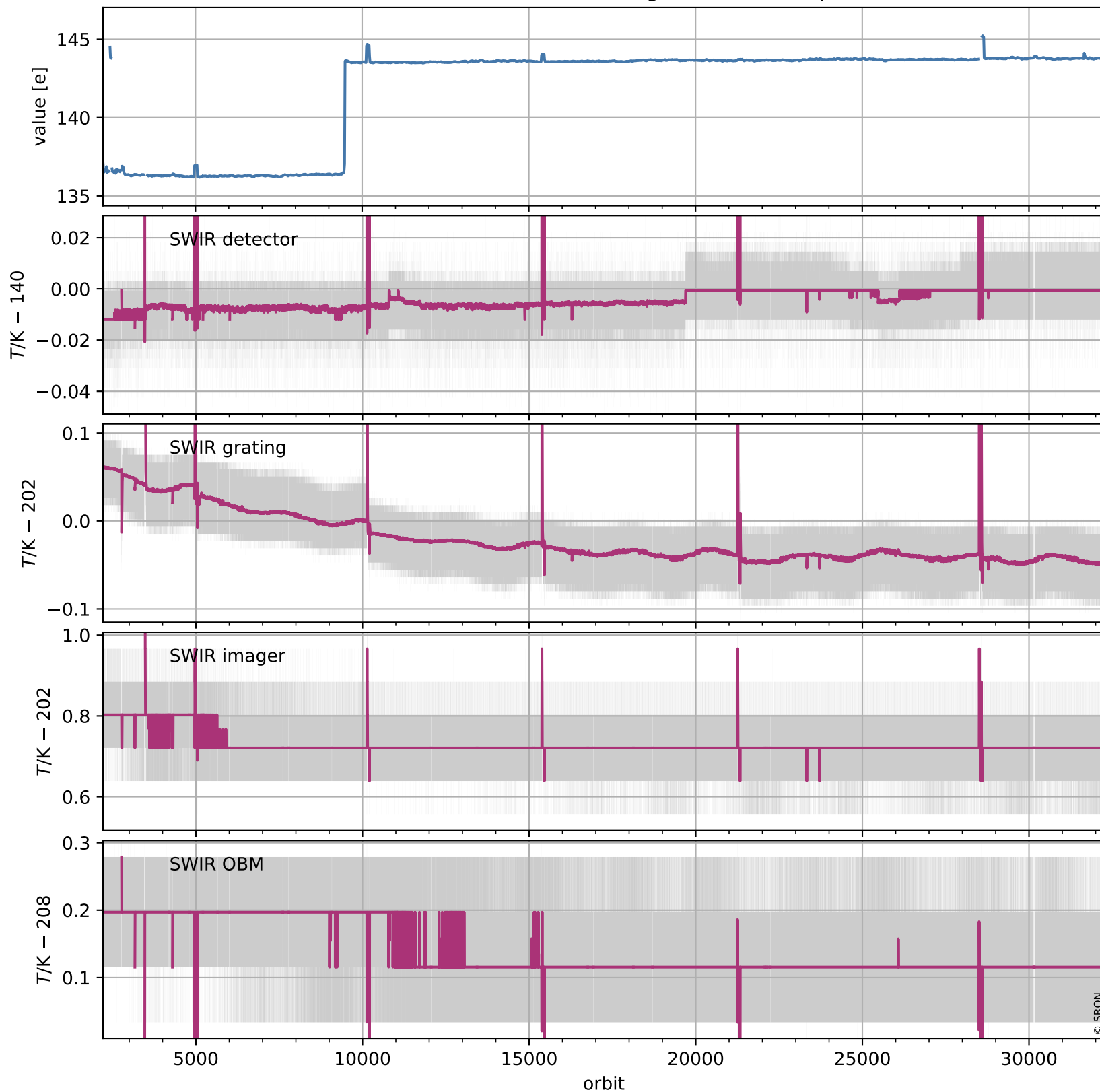
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32272]
coverage: 2018-03-18 / 2024-01-04
created: 2024-01-05T15:21:35Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32272]
coverage: 2018-03-18 / 2024-01-04
created: 2024-01-05T15:21:35Z

trend of normalized read-noise & temperatures

