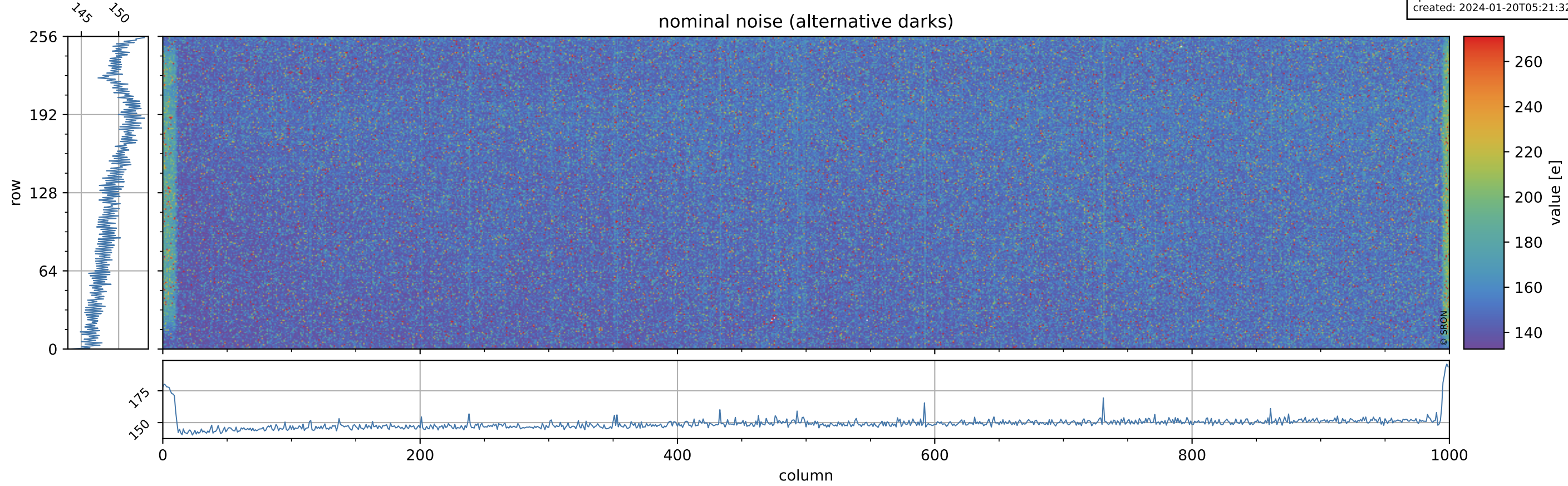


Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
n_coad, t_exp: 1, 1.0783
median: 149.05 e
spread: 11.215 e
created: 2024-01-20T05:21:32Z

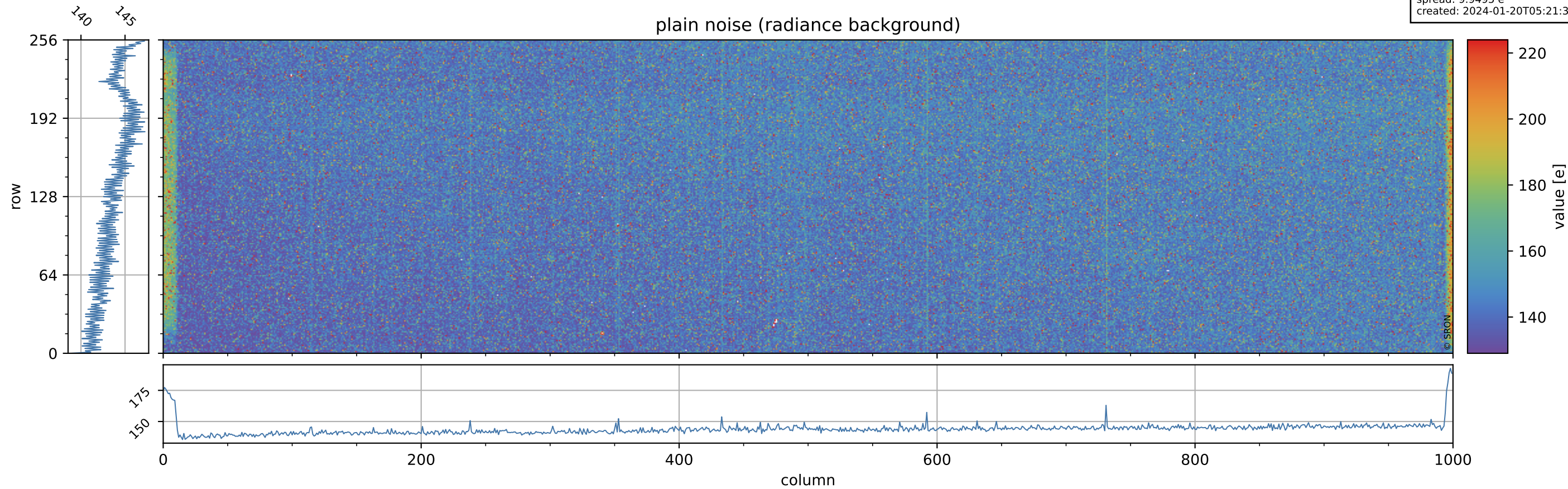
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
n_coad, t_exp: 1, 0.8383
median: 143.61 e
spread: 9.9495 e
created: 2024-01-20T05:21:32Z

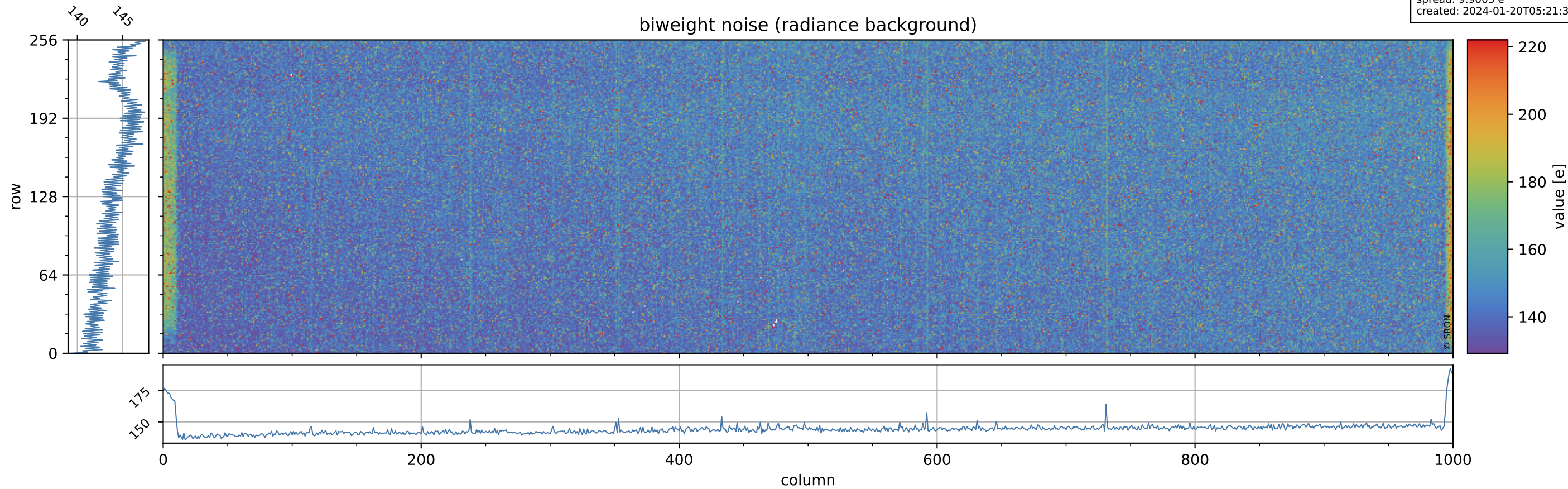
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
n_coad, t_exp: 1, 0.8383
median: 143.94 e
spread: 9.9003 e
created: 2024-01-20T05:21:33Z

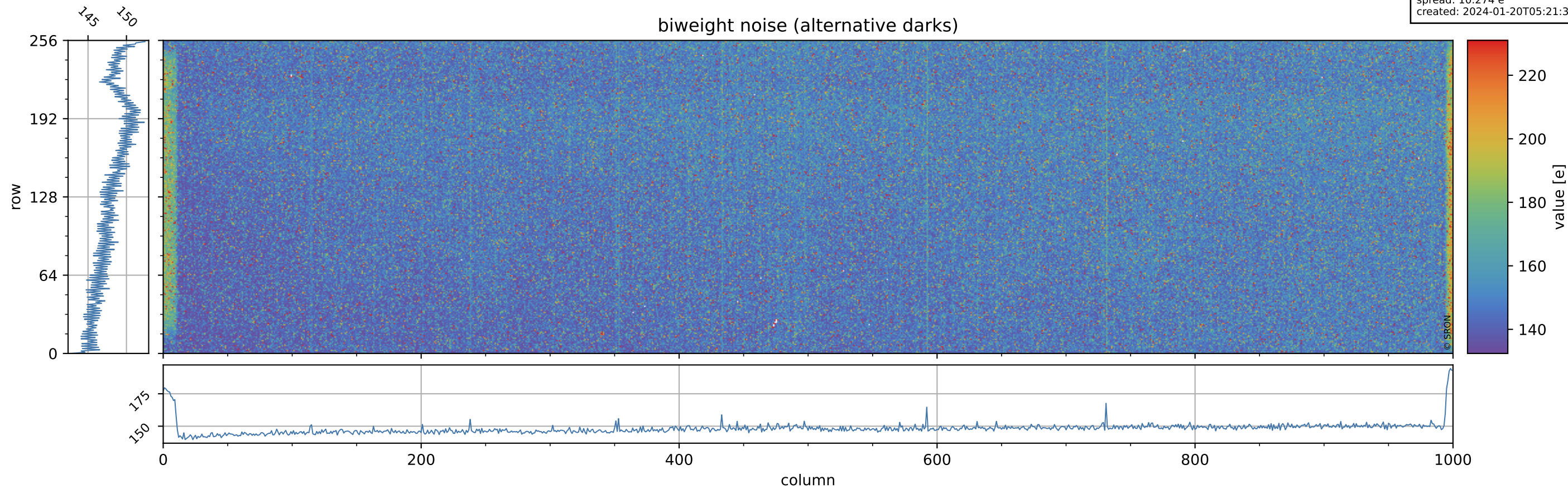
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
n_coad, t_exp: 1, 1.0783
median: 147.95 e
spread: 10.274 e
created: 2024-01-20T05:21:33Z

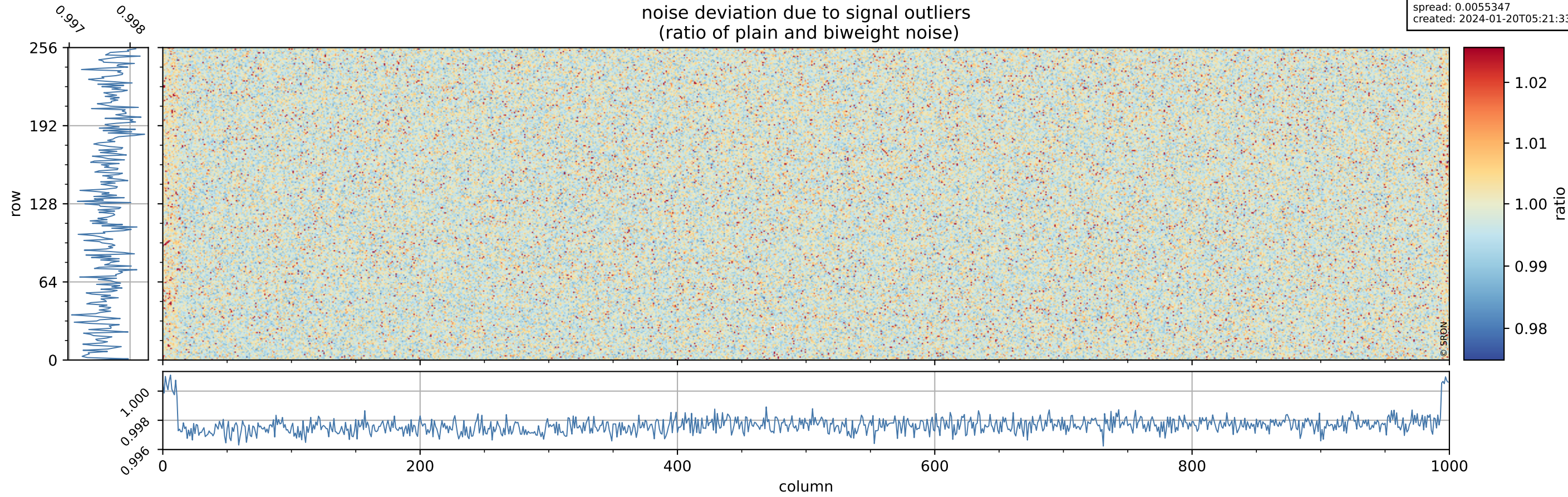
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
median: 0.99764
spread: 0.0055347
created: 2024-01-20T05:21:33Z

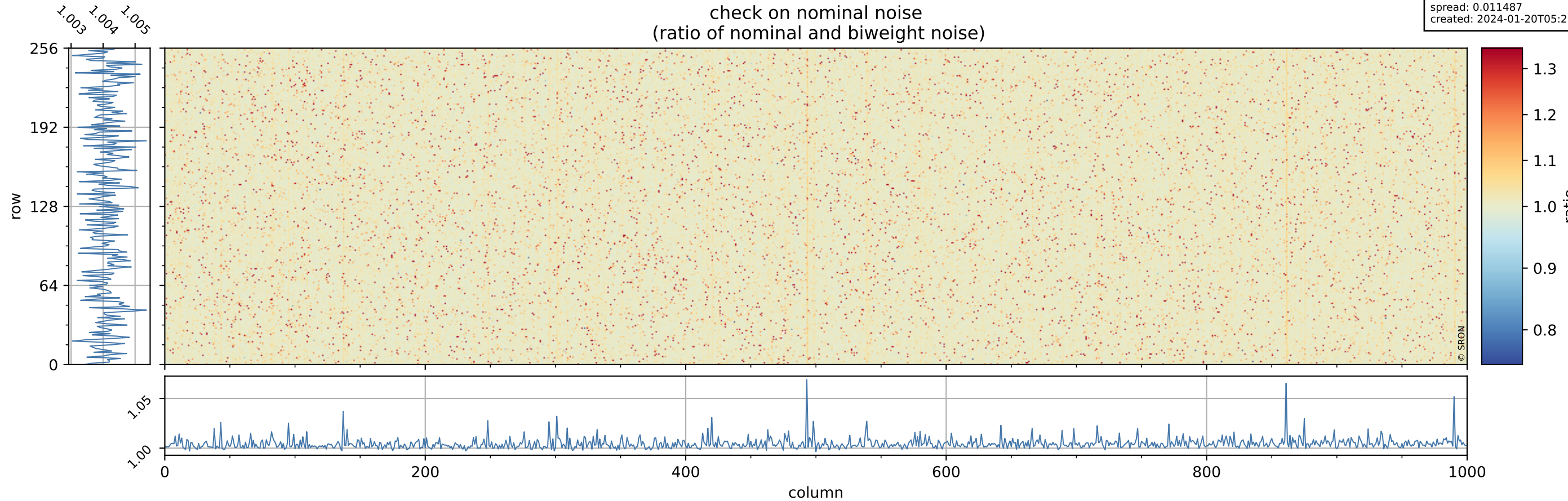
noise deviation due to signal outliers
(ratio of plain and biweight noise)



Tropomi SWIR background noise (swir)

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

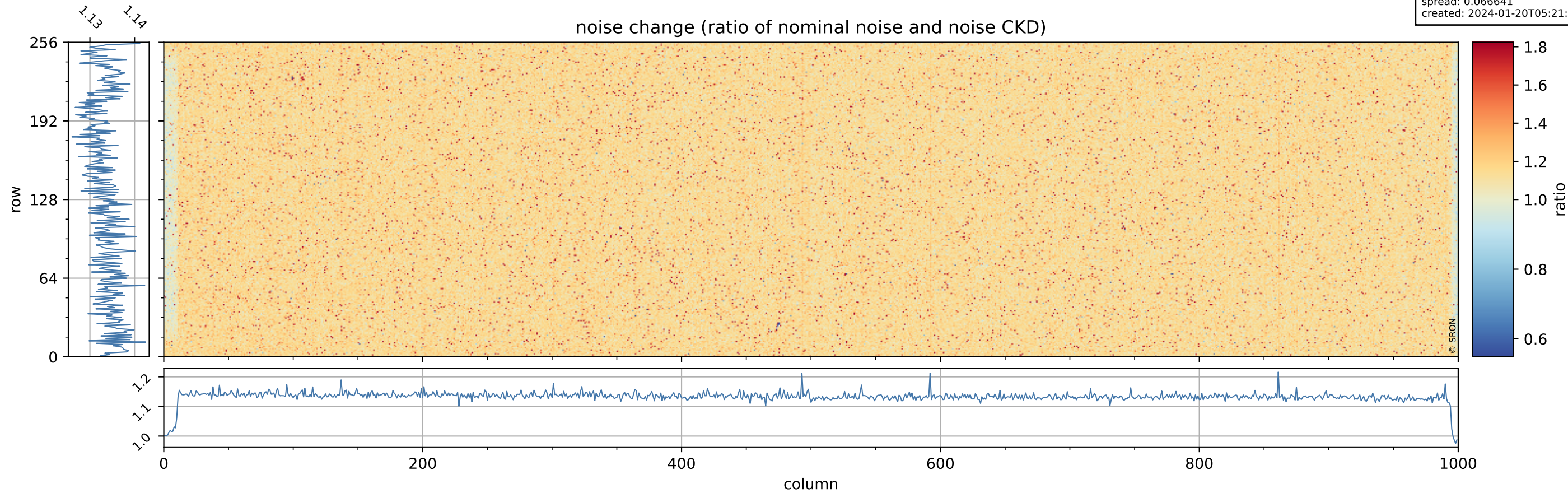
orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
median: 1.0037
spread: 0.011487
created: 2024-01-20T05:21:34Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
median: 1.132
spread: 0.066641
created: 2024-01-20T05:21:34Z

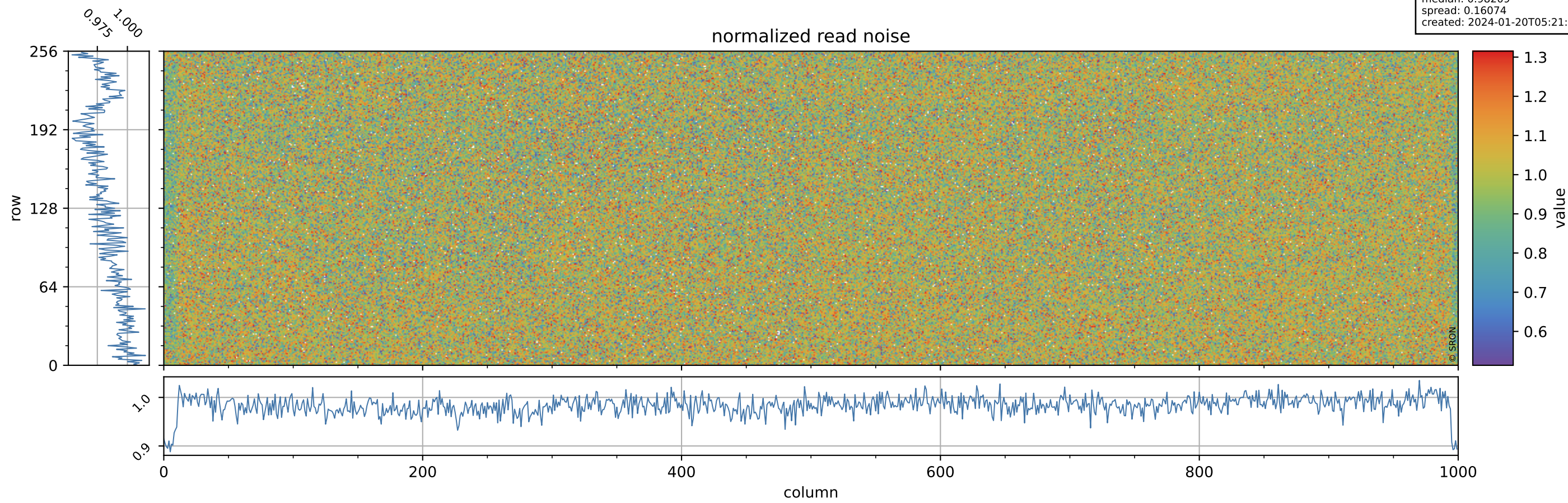
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
median: 0.98209
spread: 0.16074
created: 2024-01-20T05:21:34Z

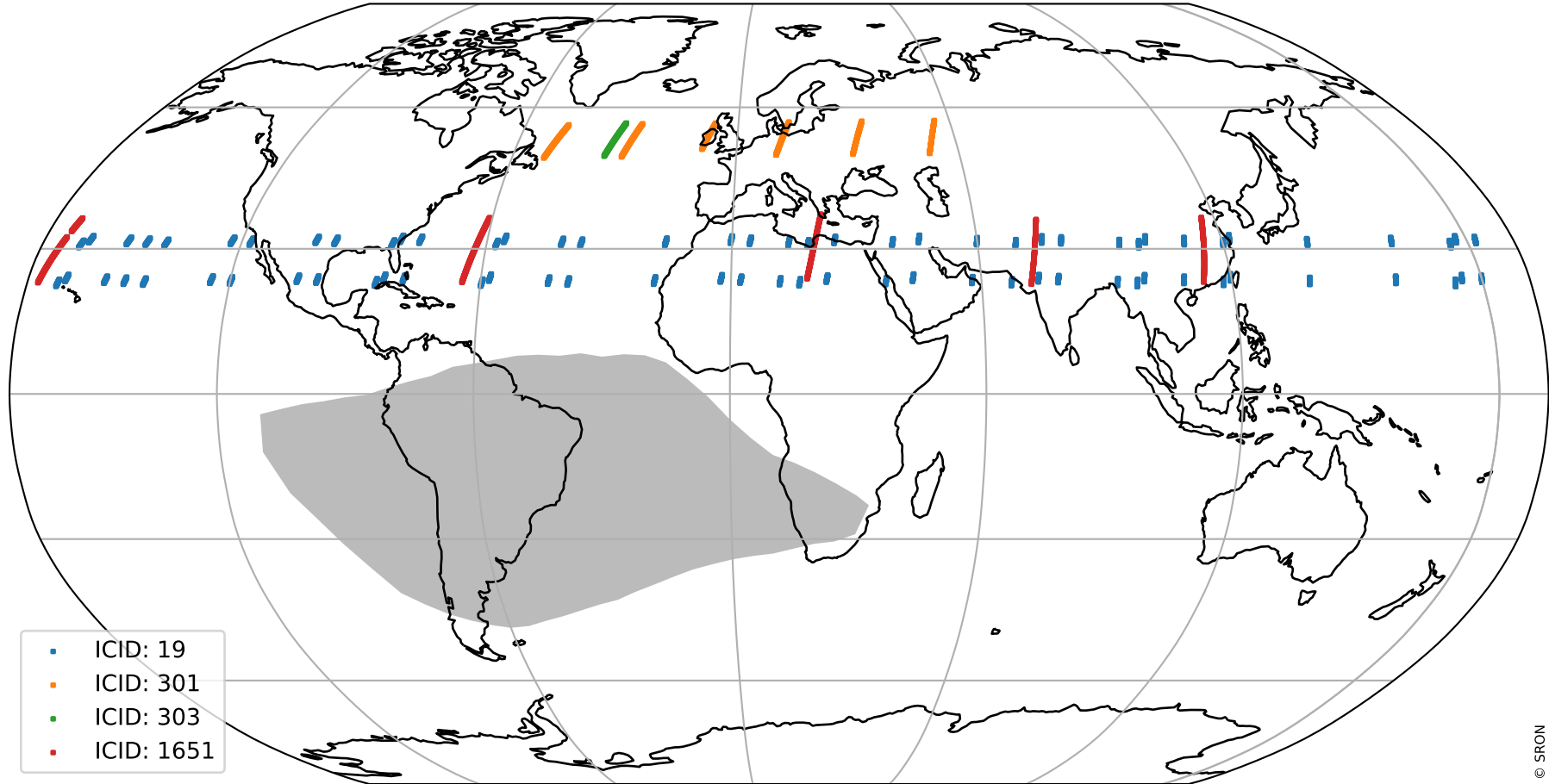
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32377, 32467]
coverage: 2024-01-12 / 2024-01-18
created: 2024-01-20T05:21:34Z

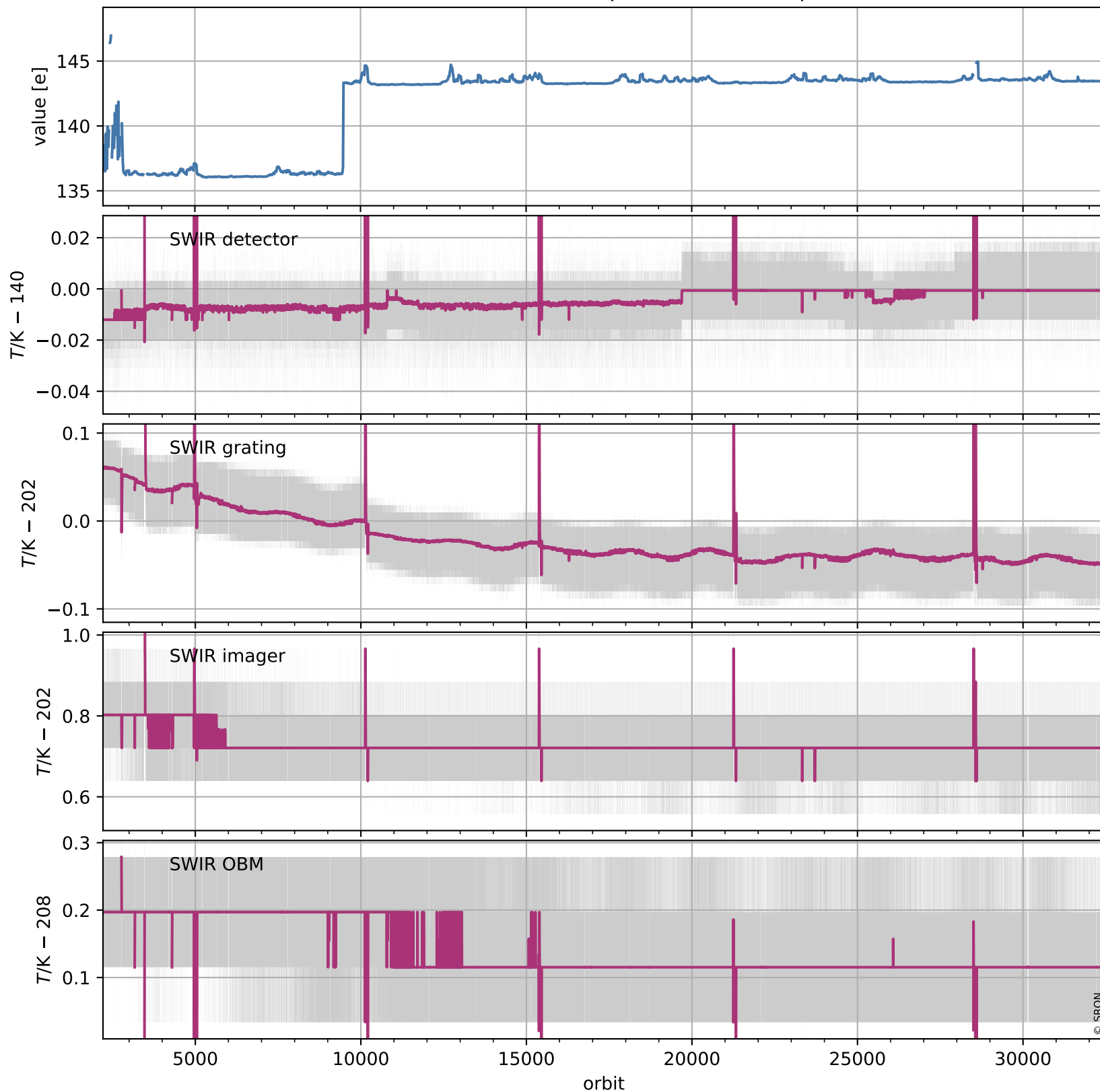
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32467]
coverage: 2018-03-18 / 2024-01-18
created: 2024-01-20T05:21:36Z

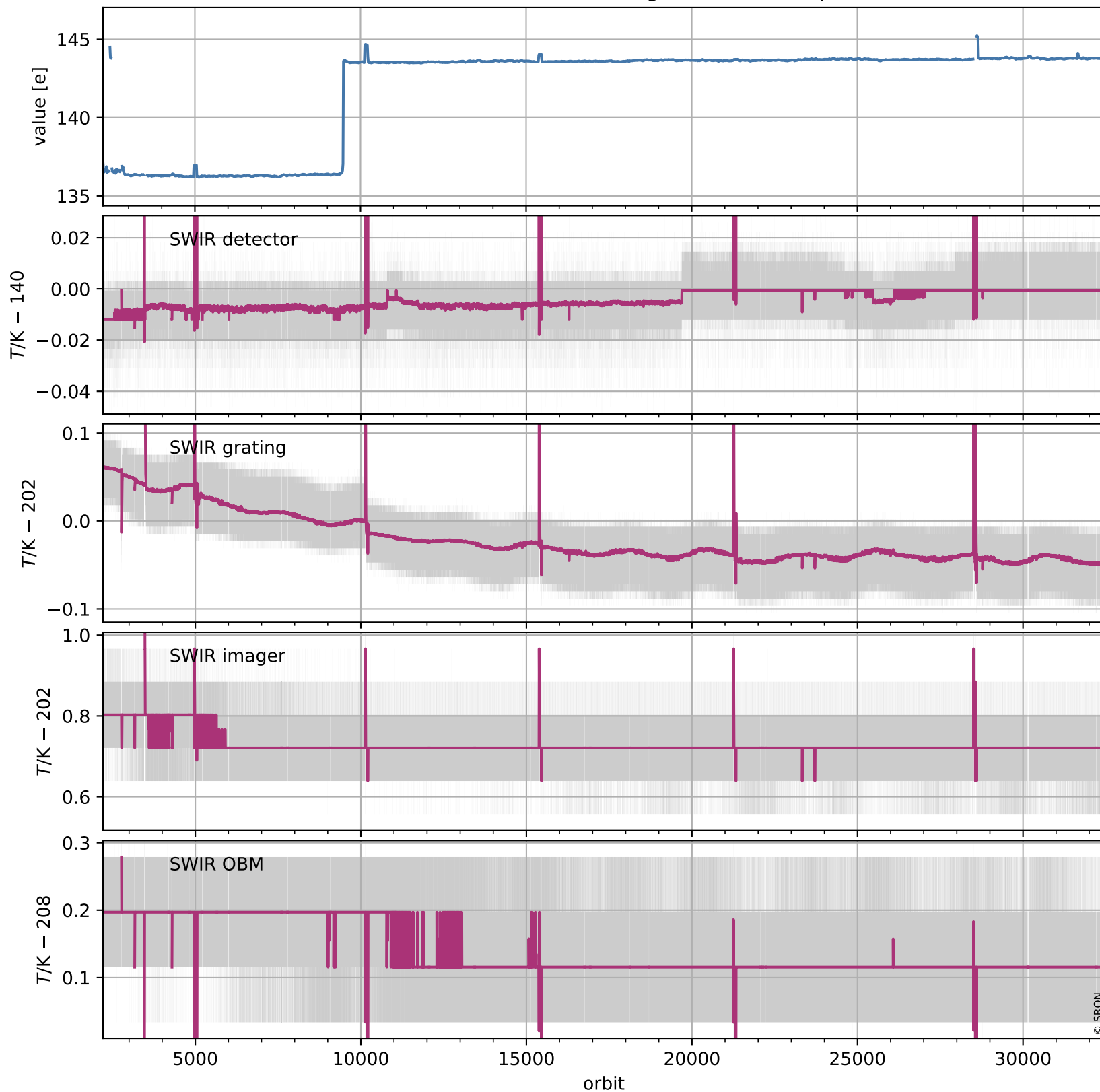
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32467]
coverage: 2018-03-18 / 2024-01-18
created: 2024-01-20T05:21:36Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32467]
coverage: 2018-03-18 / 2024-01-18
created: 2024-01-20T05:21:37Z

trend of normalized read-noise & temperatures

