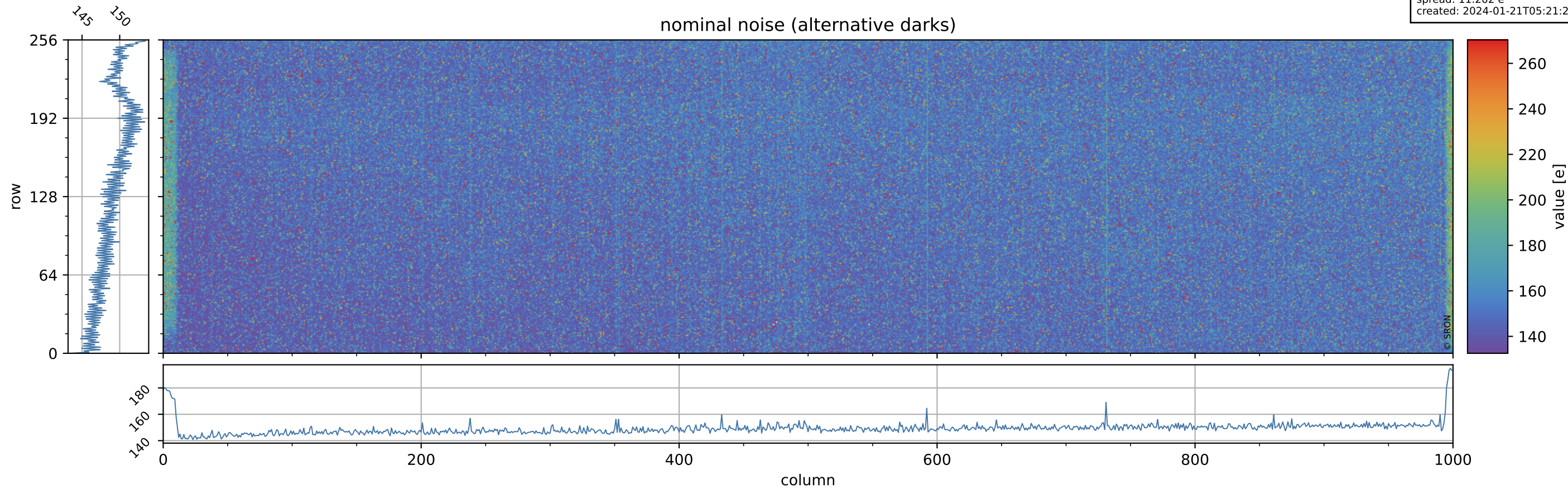


Tropomi SWIR background noise (swir)

orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
n_coad, t_exp: 1, 1.0783
median: 148.96 e
spread: 11.202 e
created: 2024-01-21T05:21:22Z

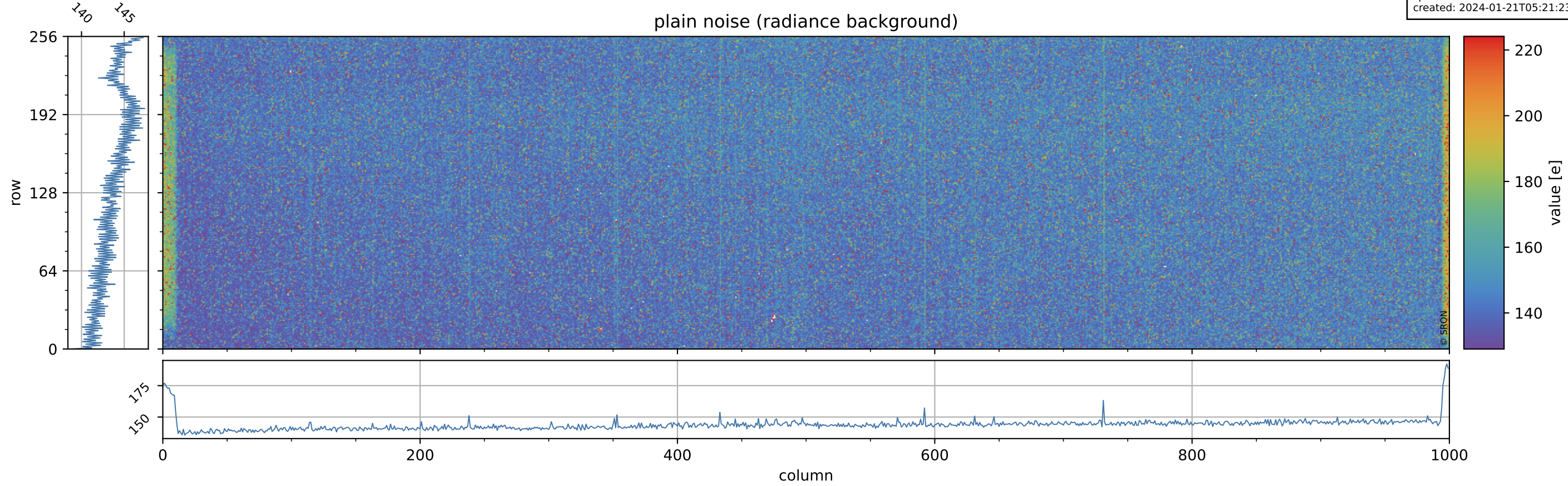
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
n_coad, t_exp: 1, 0.8383
median: 143.63 e
spread: 9.9546 e
created: 2024-01-21T05:21:23Z

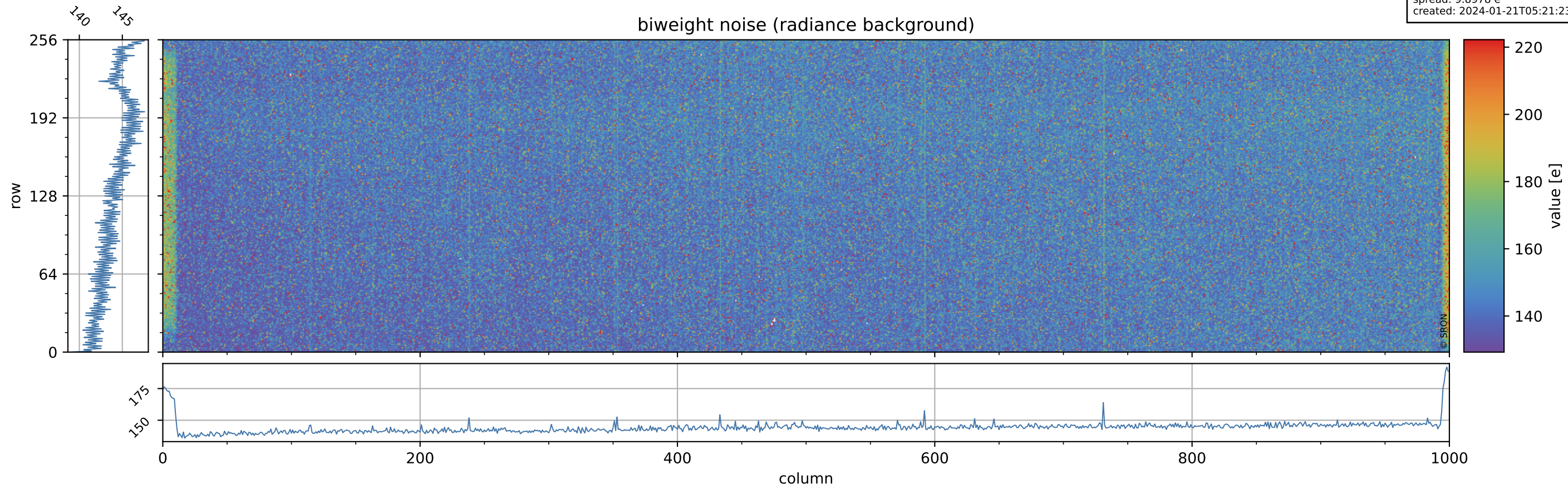
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
n_coad, t_exp: 1, 0.8383
median: 143.96 e
spread: 9.8978 e
created: 2024-01-21T05:21:23Z

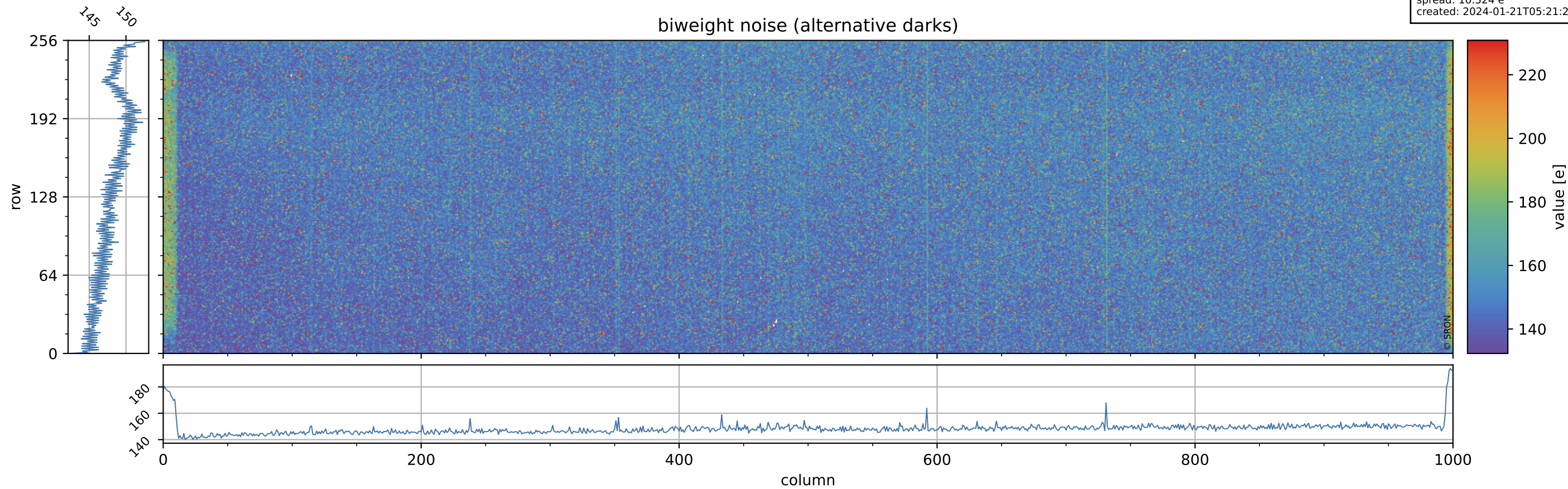
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
n_coad, t_exp: 1, 1.0783
median: 147.95 e
spread: 10.324 e
created: 2024-01-21T05:21:23Z

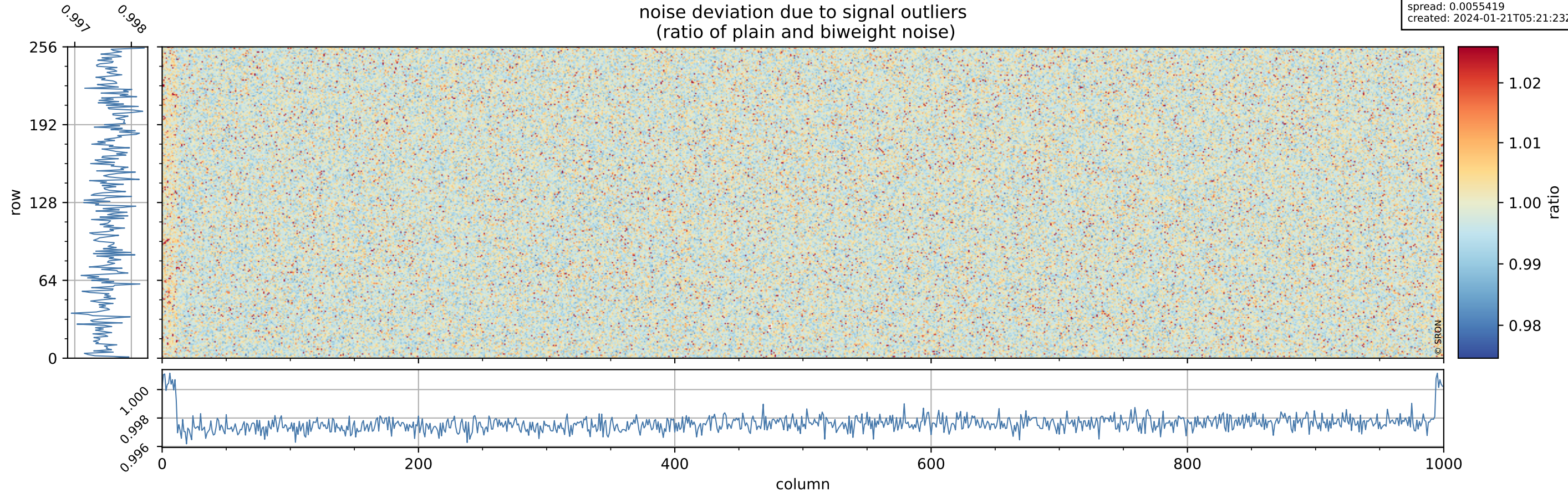
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

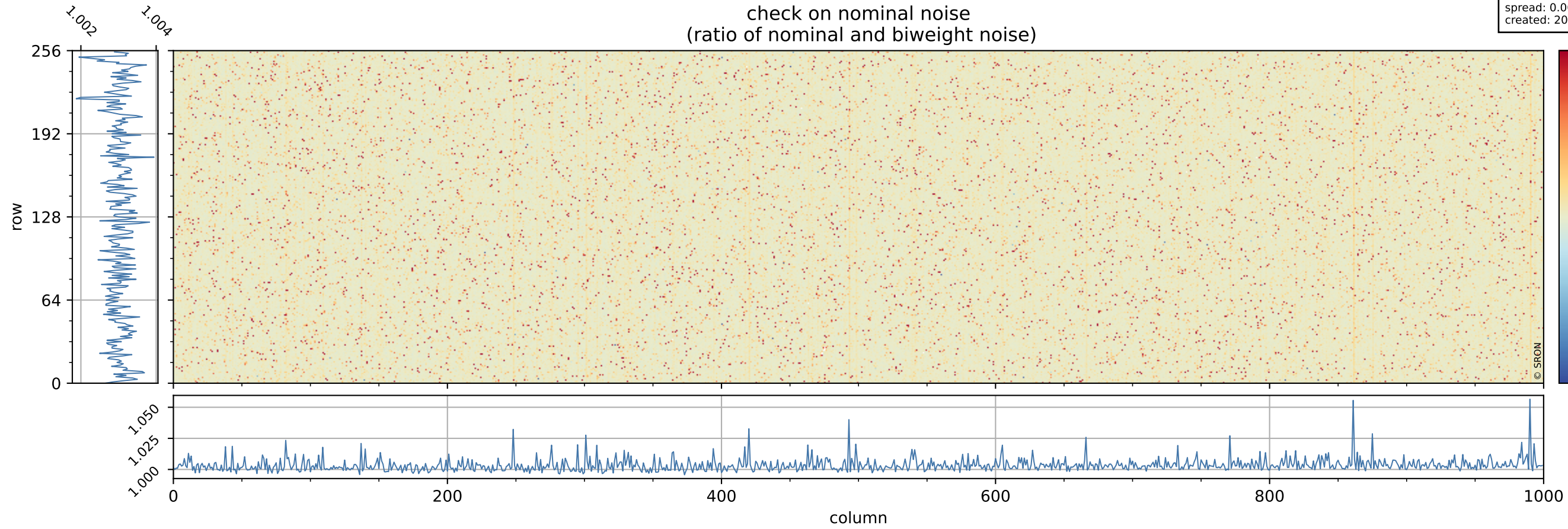
orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
median: 0.99761
spread: 0.0055419
created: 2024-01-21T05:21:23Z



Tropomi SWIR background noise (swir)

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

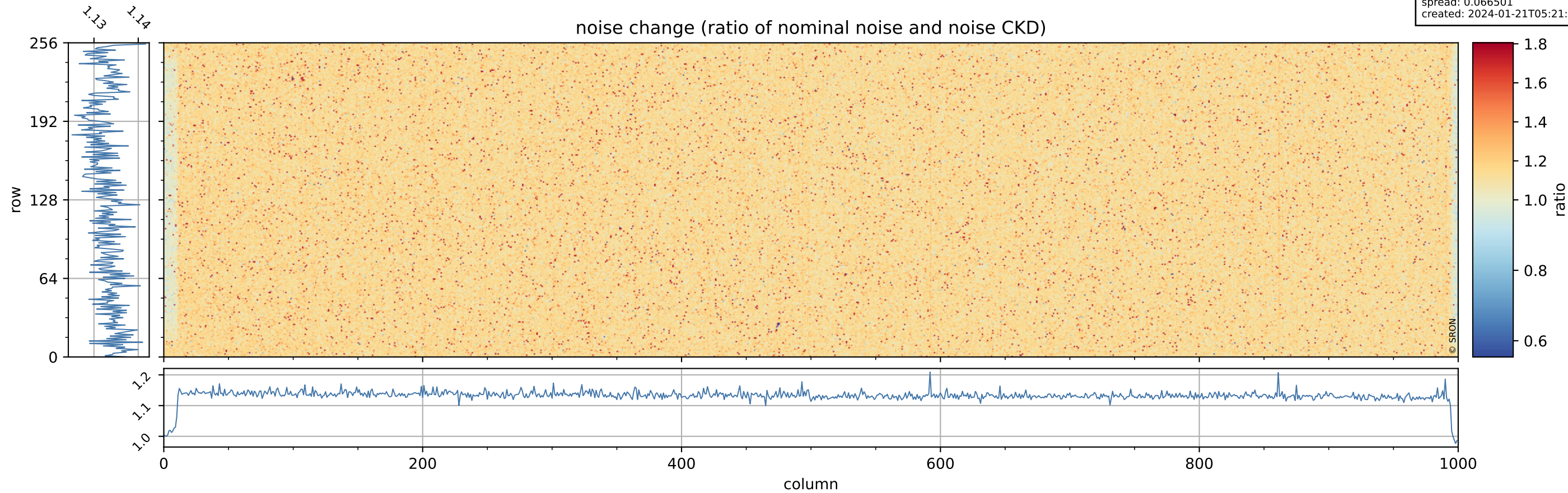
orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
median: 1.0028
spread: 0.0089536
created: 2024-01-21T05:21:24Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
median: 1.1314
spread: 0.066501
created: 2024-01-21T05:21:24Z

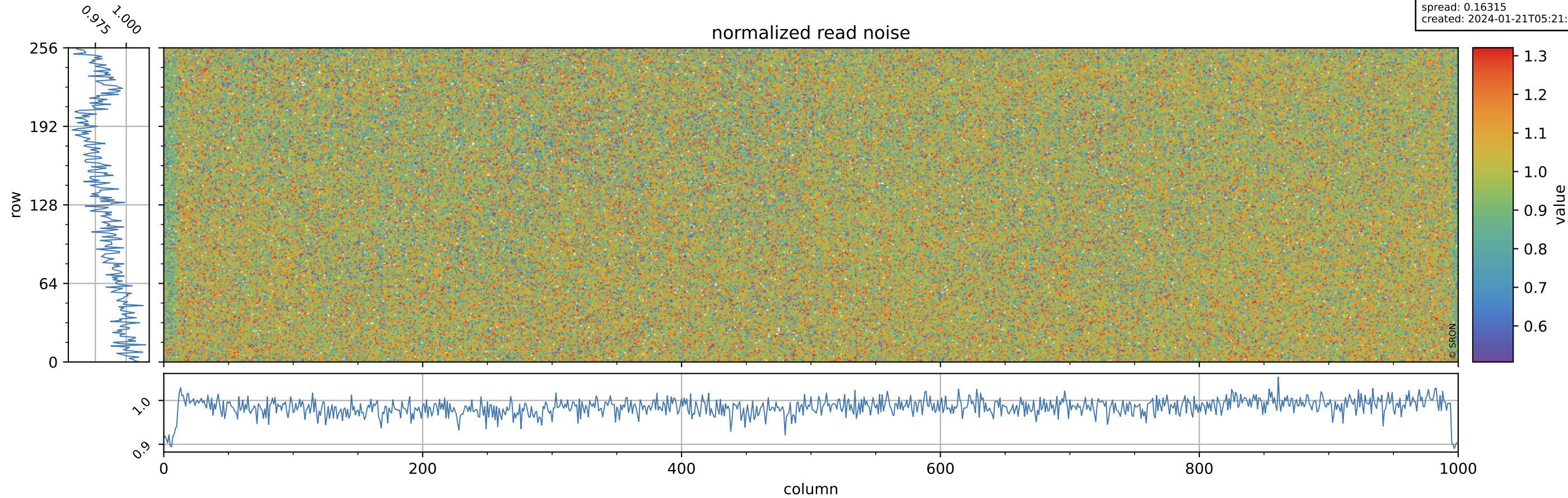
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
median: 0.98286
spread: 0.16315
created: 2024-01-21T05:21:24Z

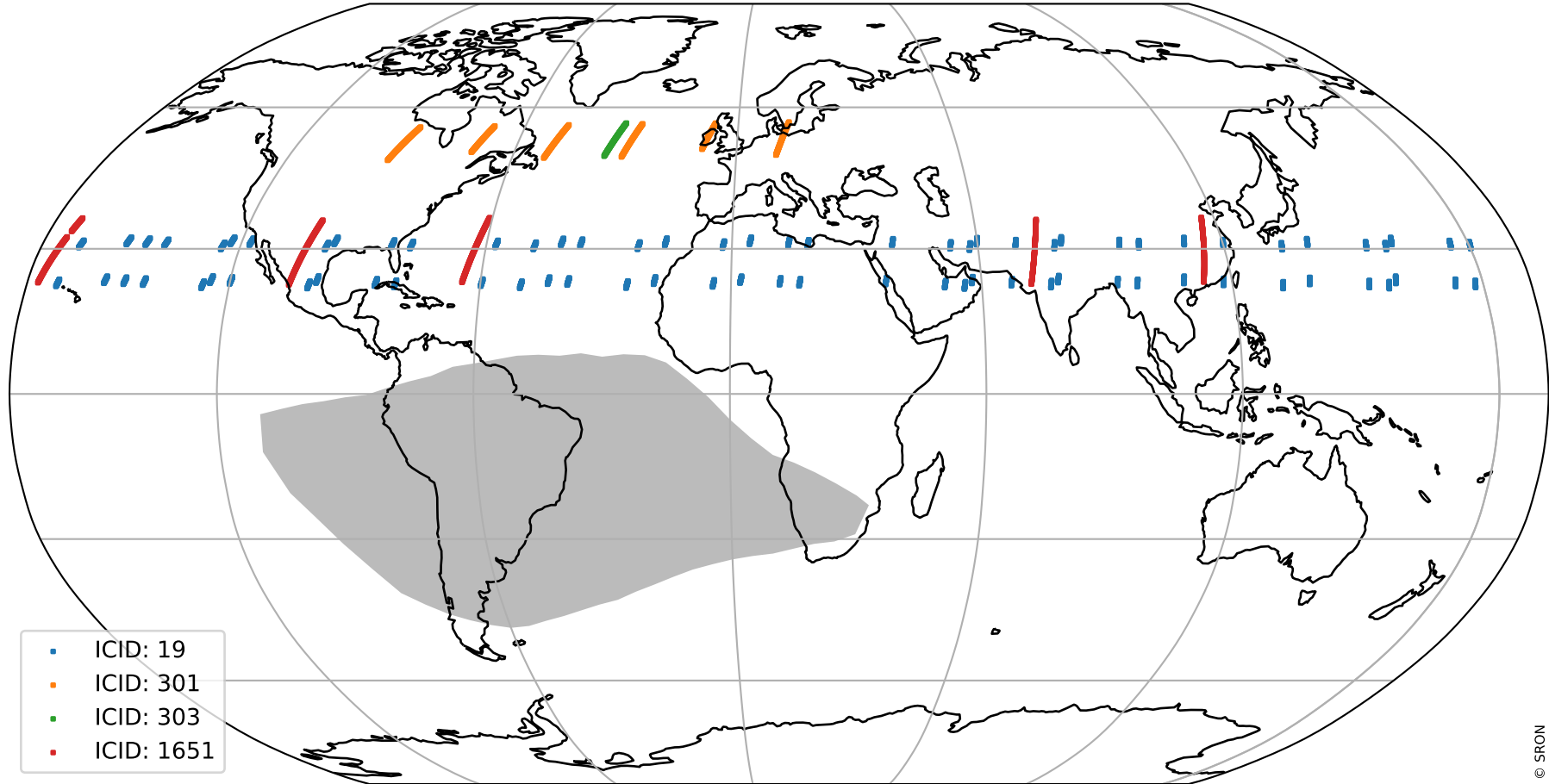
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32422, 32497]
coverage: 2024-01-14 / 2024-01-20
created: 2024-01-21T05:21:24Z

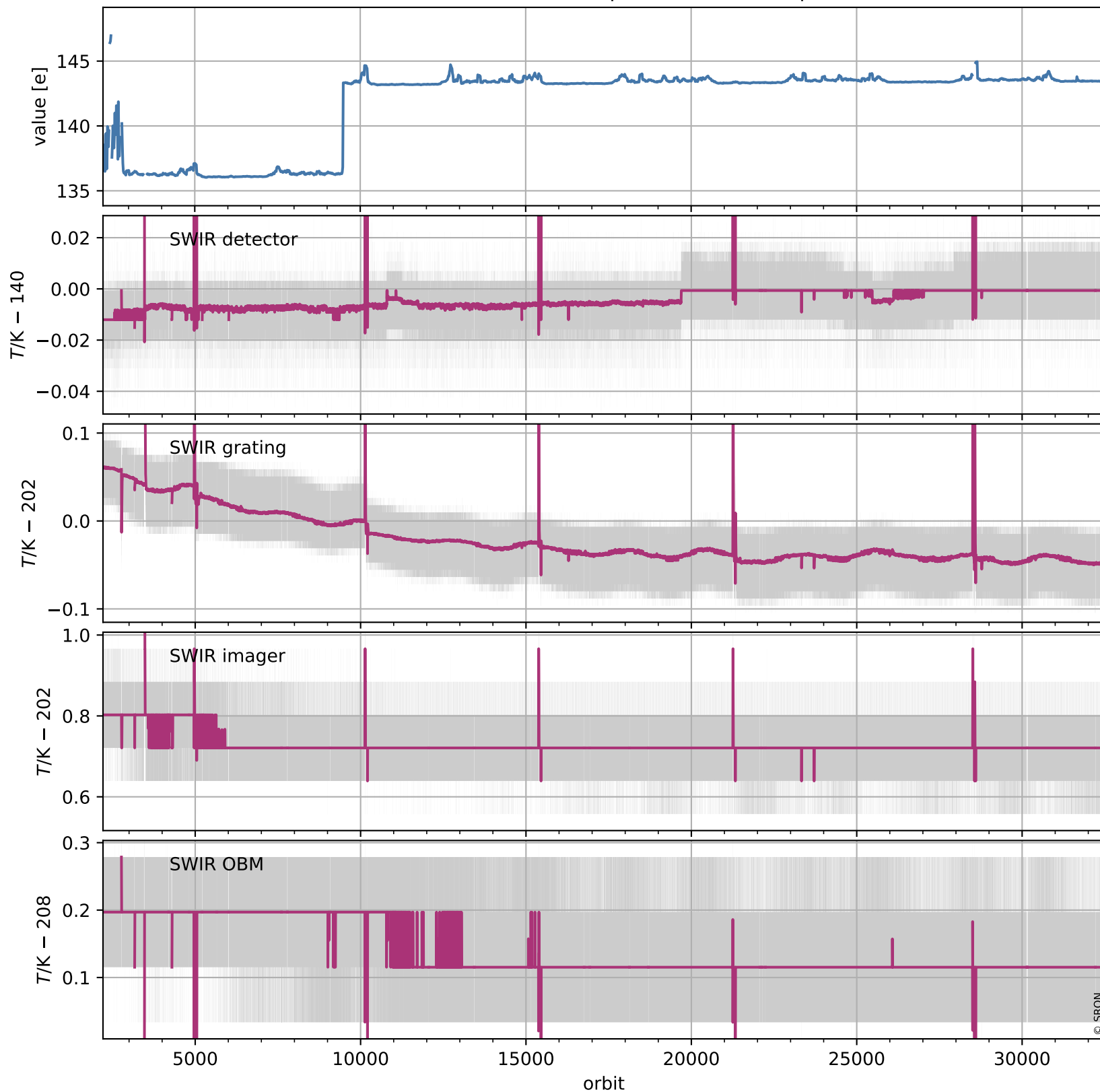
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32497]
coverage: 2018-03-18 / 2024-01-20
created: 2024-01-21T05:21:25Z

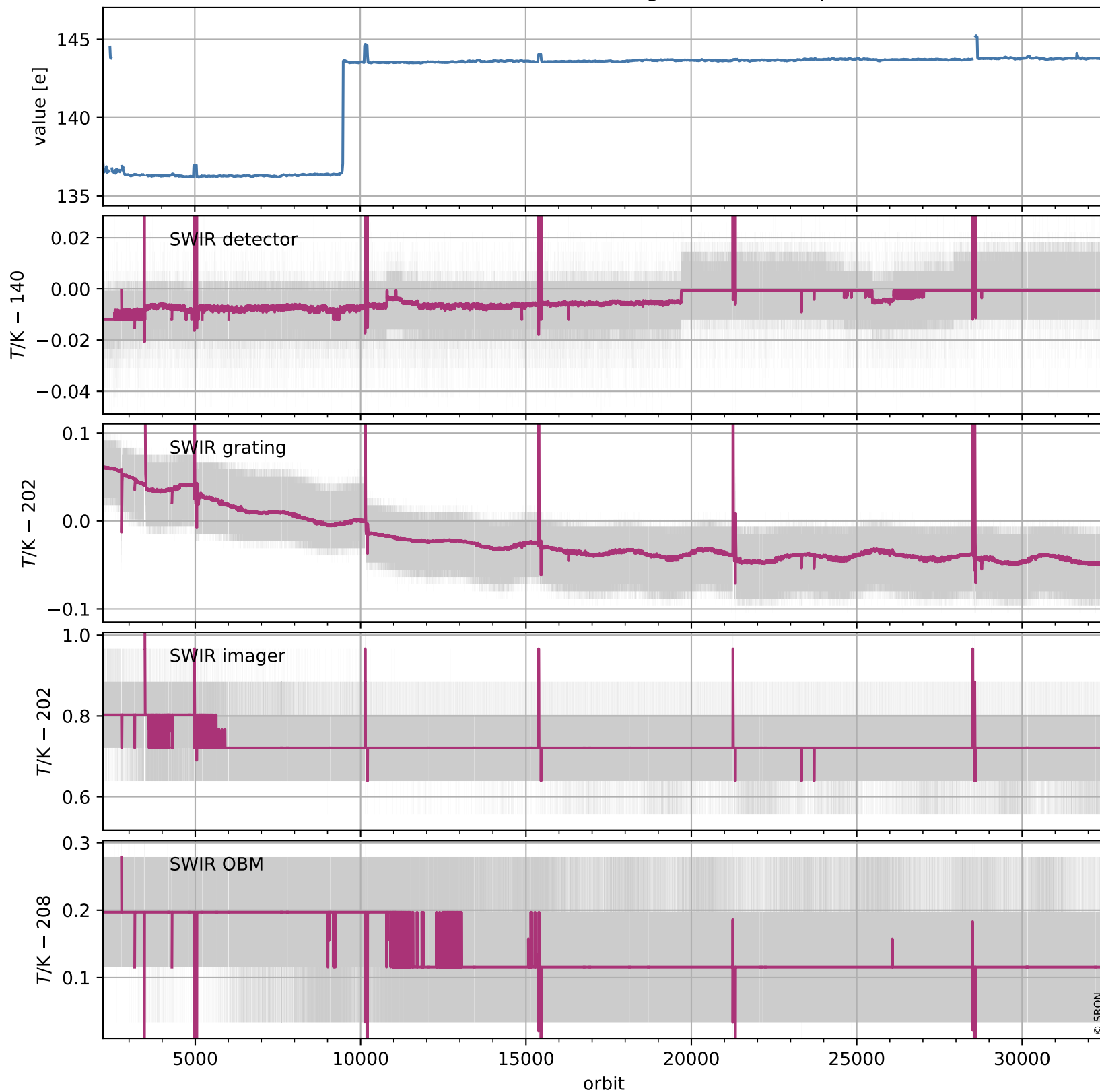
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32497]
coverage: 2018-03-18 / 2024-01-20
created: 2024-01-21T05:21:26Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32497]
coverage: 2018-03-18 / 2024-01-20
created: 2024-01-21T05:21:27Z

trend of normalized read-noise & temperatures

