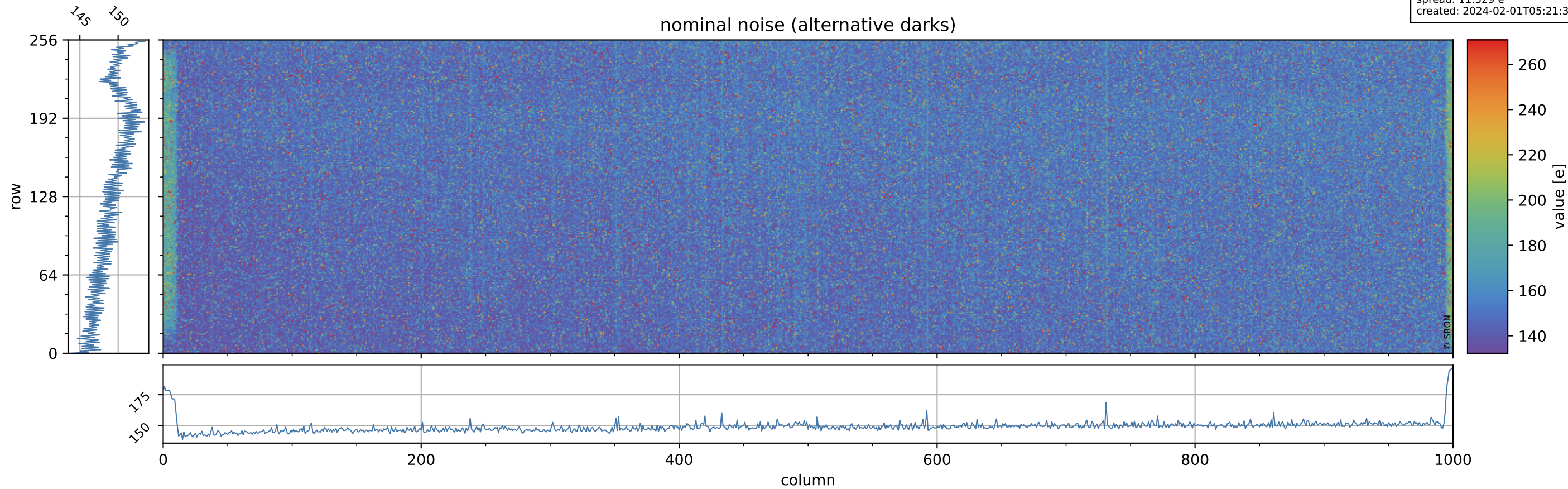


Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
n_coad, t_exp: 1, 1.0783
median: 149.04 e
spread: 11.329 e
created: 2024-02-01T05:21:38Z

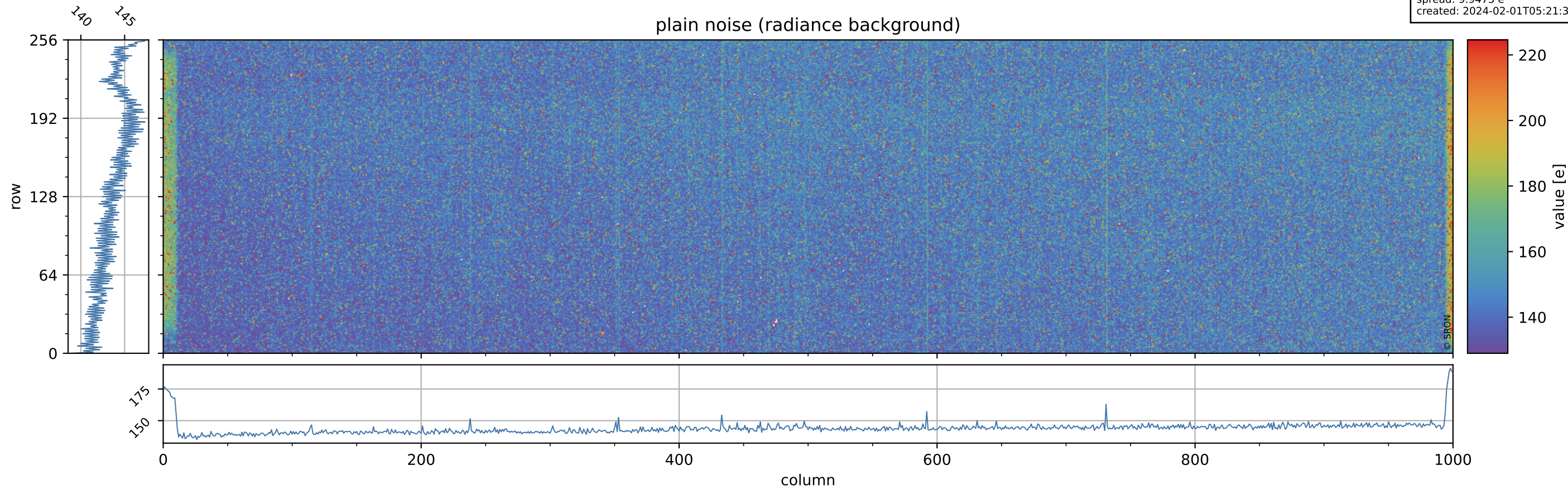
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
n_coad, t_exp: 1, 0.8383
median: 143.59 e
spread: 9.9475 e
created: 2024-02-01T05:21:38Z

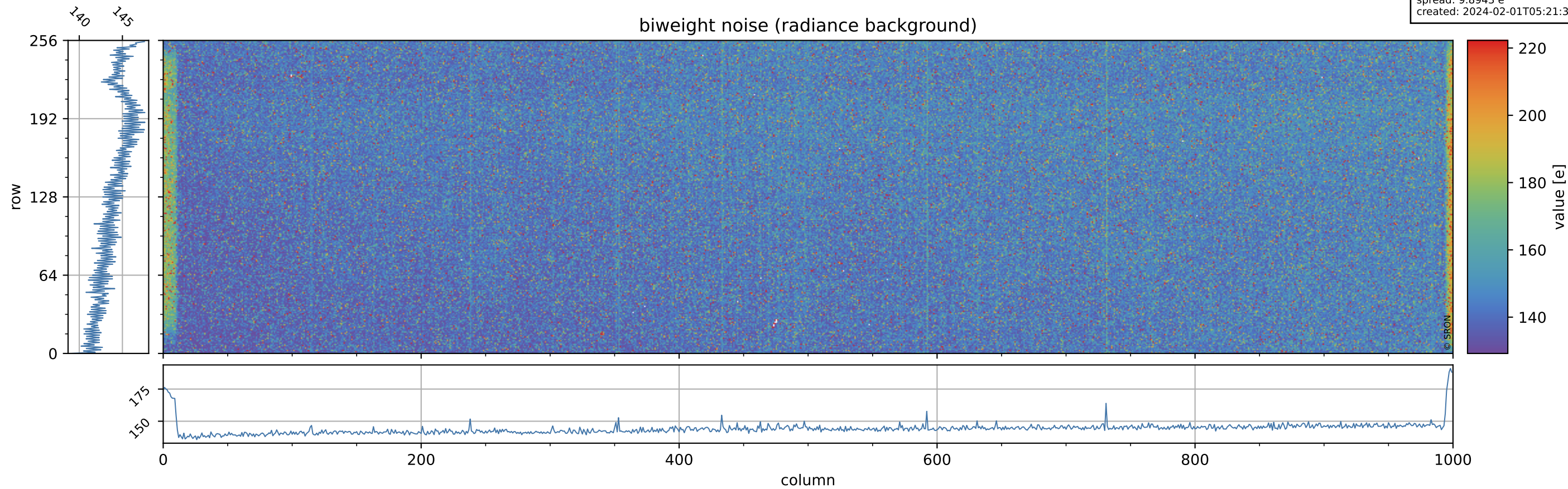
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
n_coad, t_exp: 1, 0.8383
median: 143.93 e
spread: 9.8943 e
created: 2024-02-01T05:21:38Z

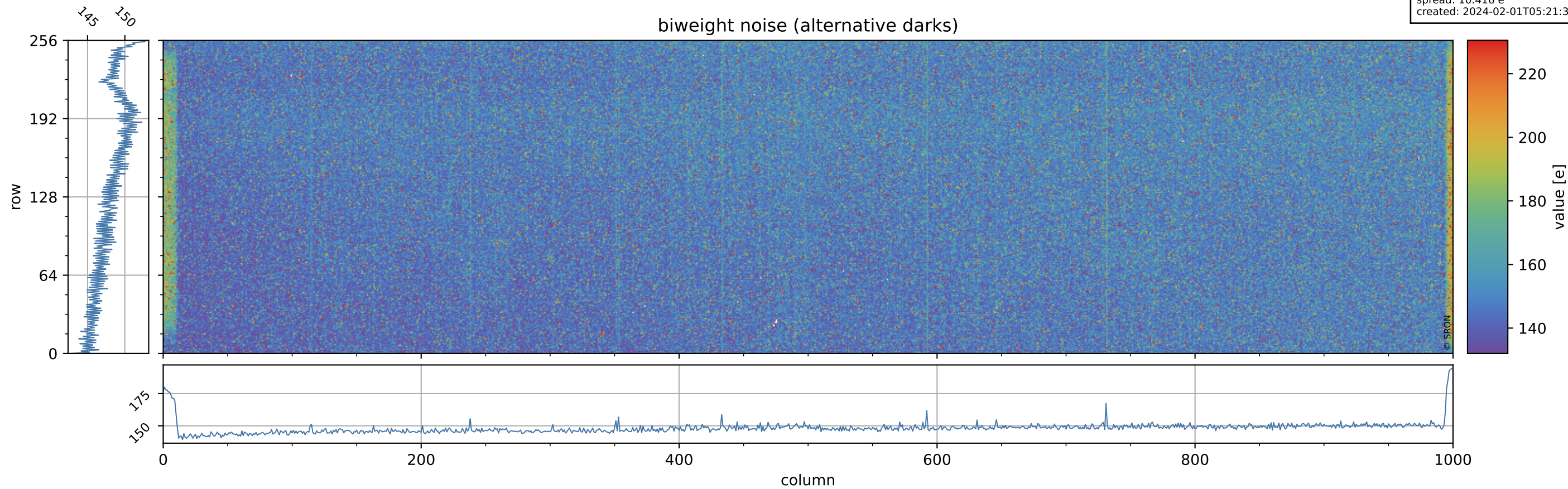
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
n_coad, t_exp: 1, 1.0783
median: 147.97 e
spread: 10.416 e
created: 2024-02-01T05:21:38Z

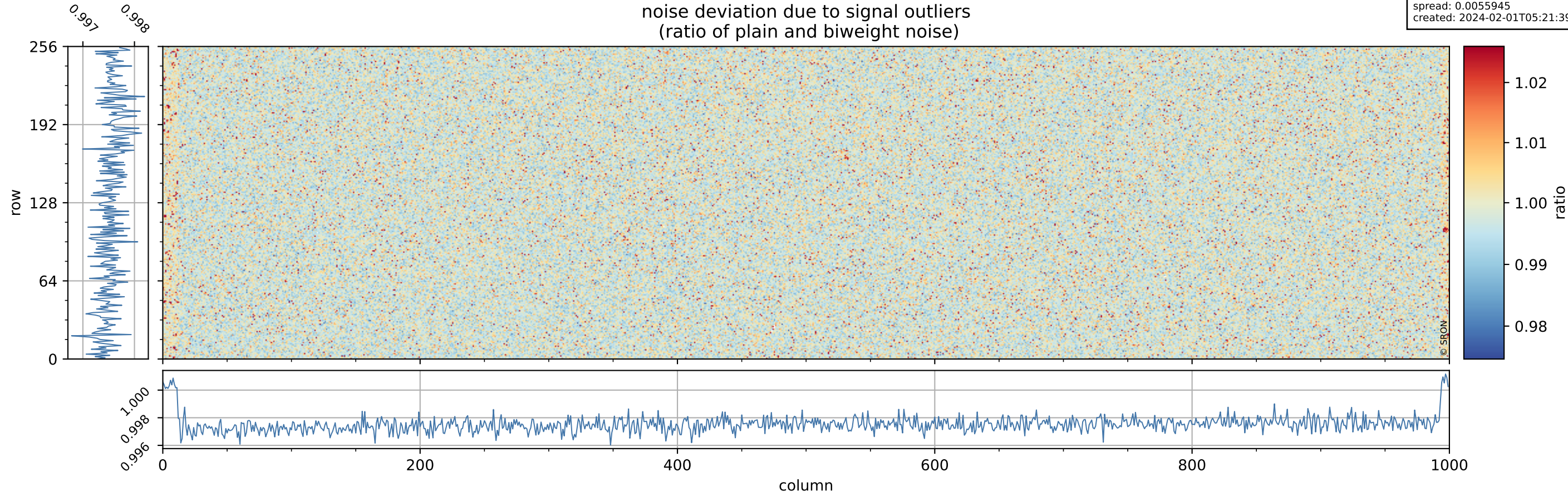
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
median: 0.99752
spread: 0.0055945
created: 2024-02-01T05:21:39Z

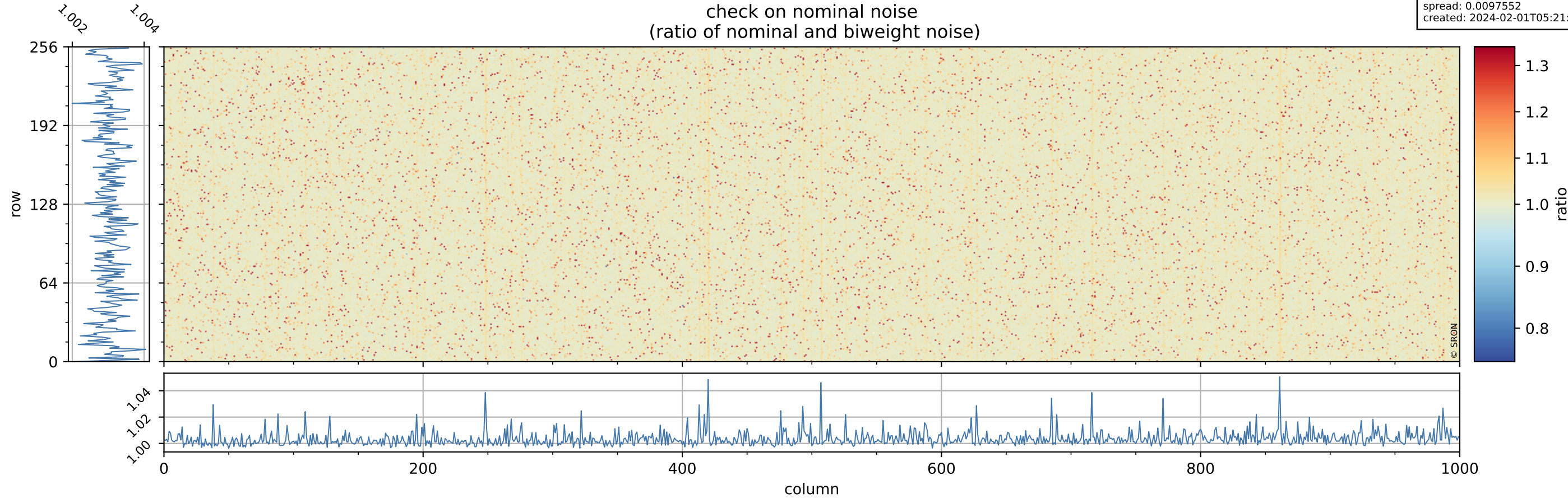
noise deviation due to signal outliers
(ratio of plain and biweight noise)



Tropomi SWIR background noise (swir)

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

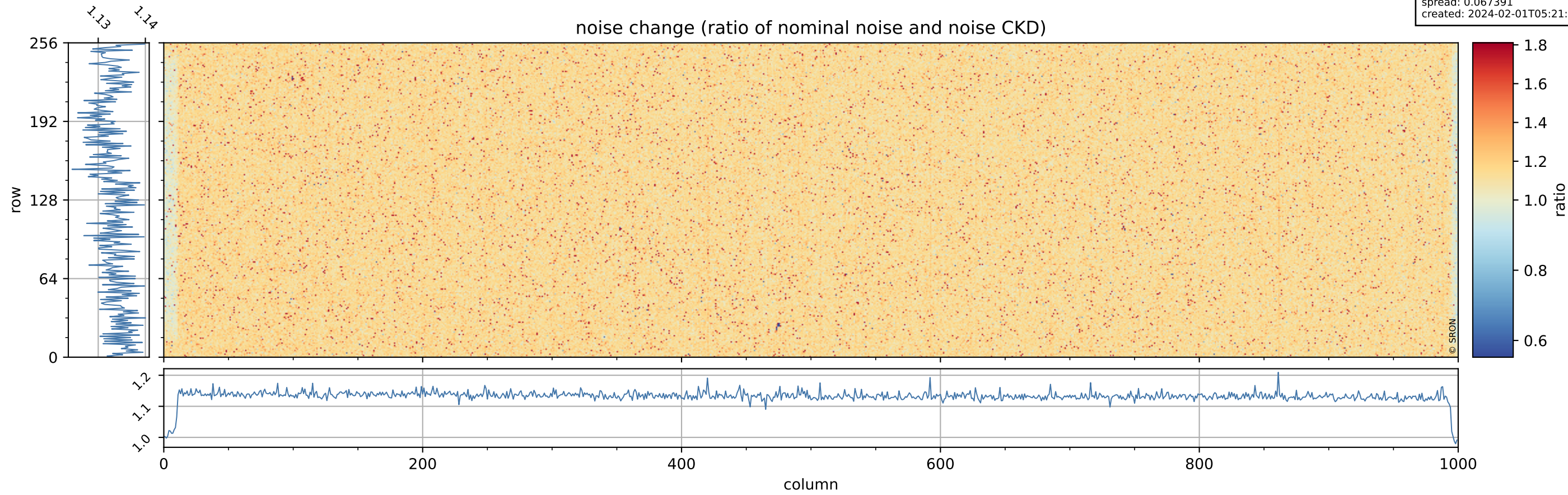
orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
median: 1.0028
spread: 0.0097552
created: 2024-02-01T05:21:39Z



Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
median: 1.1317
spread: 0.067391
created: 2024-02-01T05:21:39Z

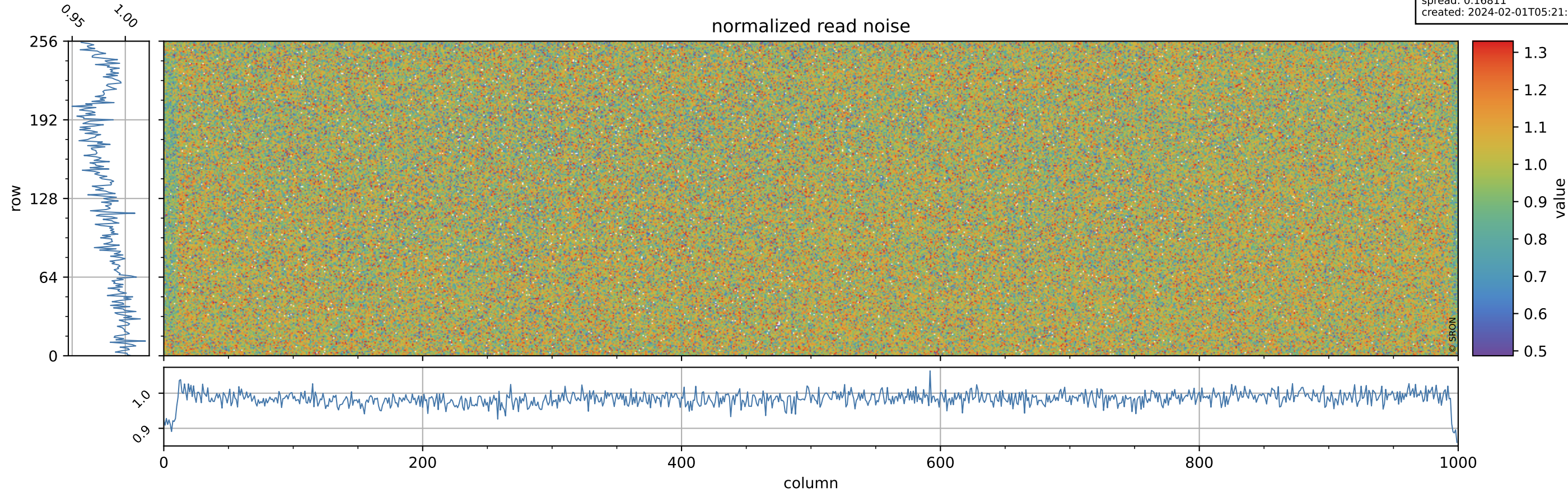
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
median: 0.98229
spread: 0.16811
created: 2024-02-01T05:21:40Z

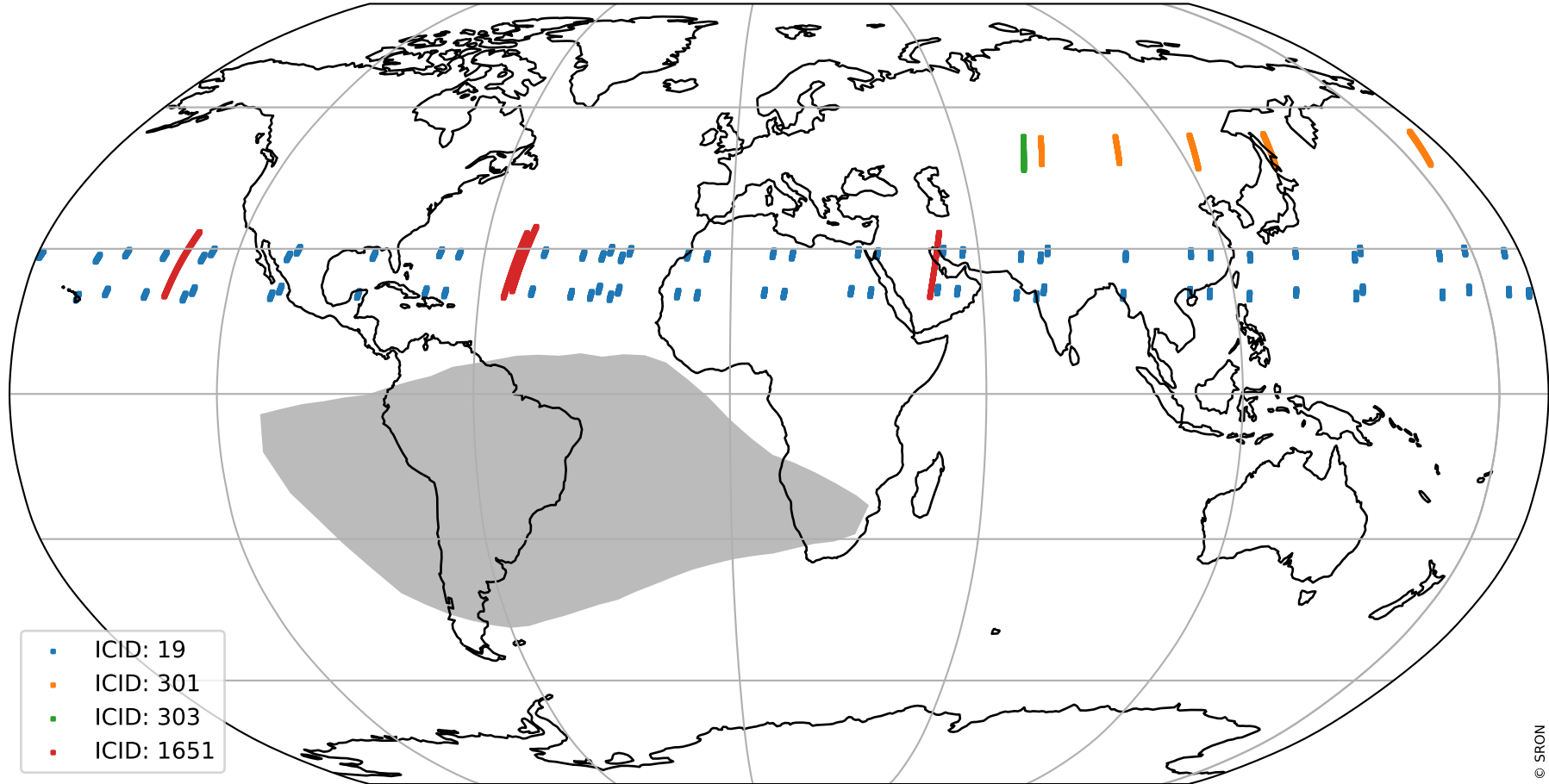
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 10 in [32542, 32632]
coverage: 2024-01-24 / 2024-01-30
created: 2024-02-01T05:21:40Z

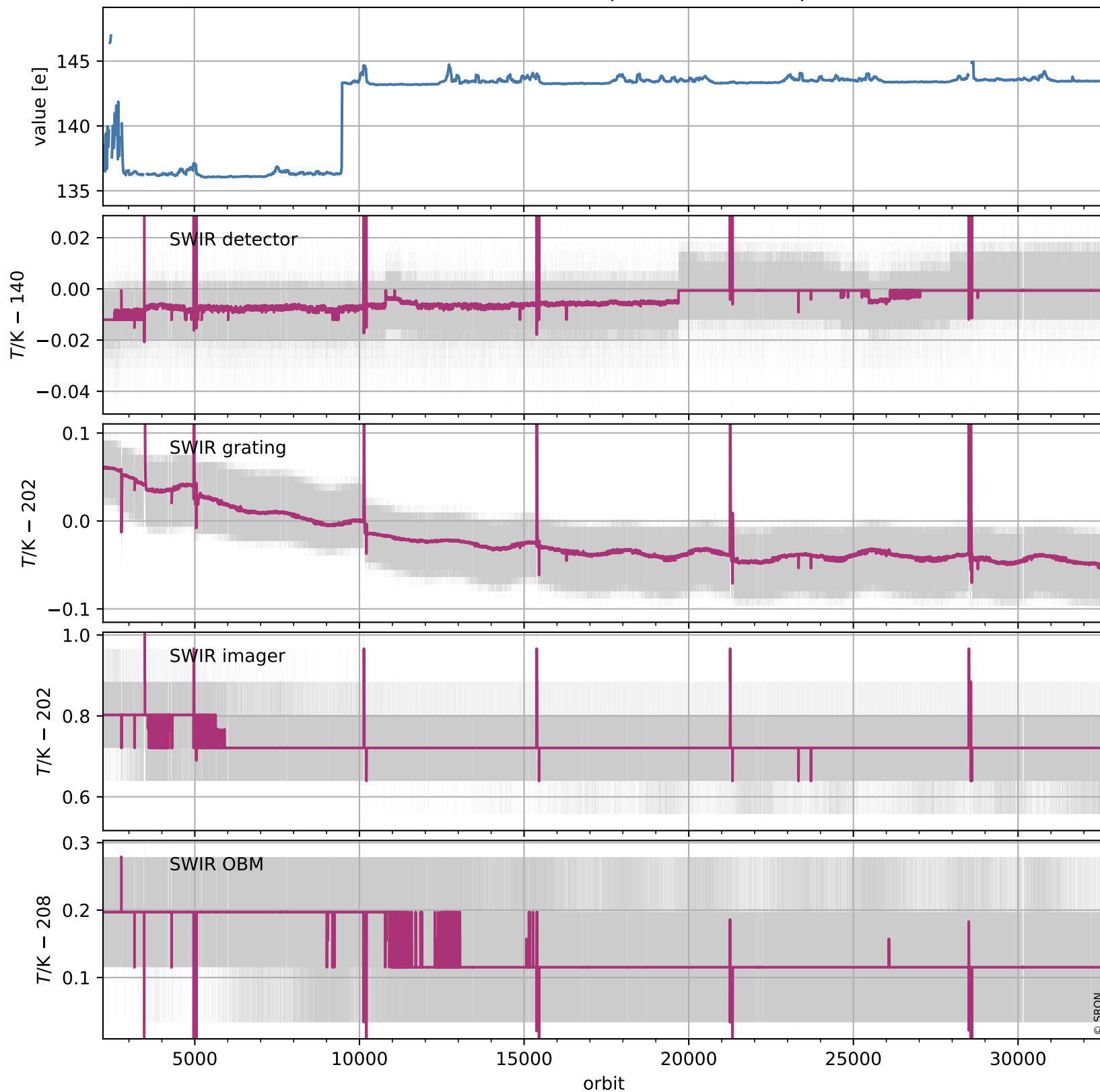
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32632]
coverage: 2018-03-18 / 2024-01-30
created: 2024-02-01T05:21:41Z

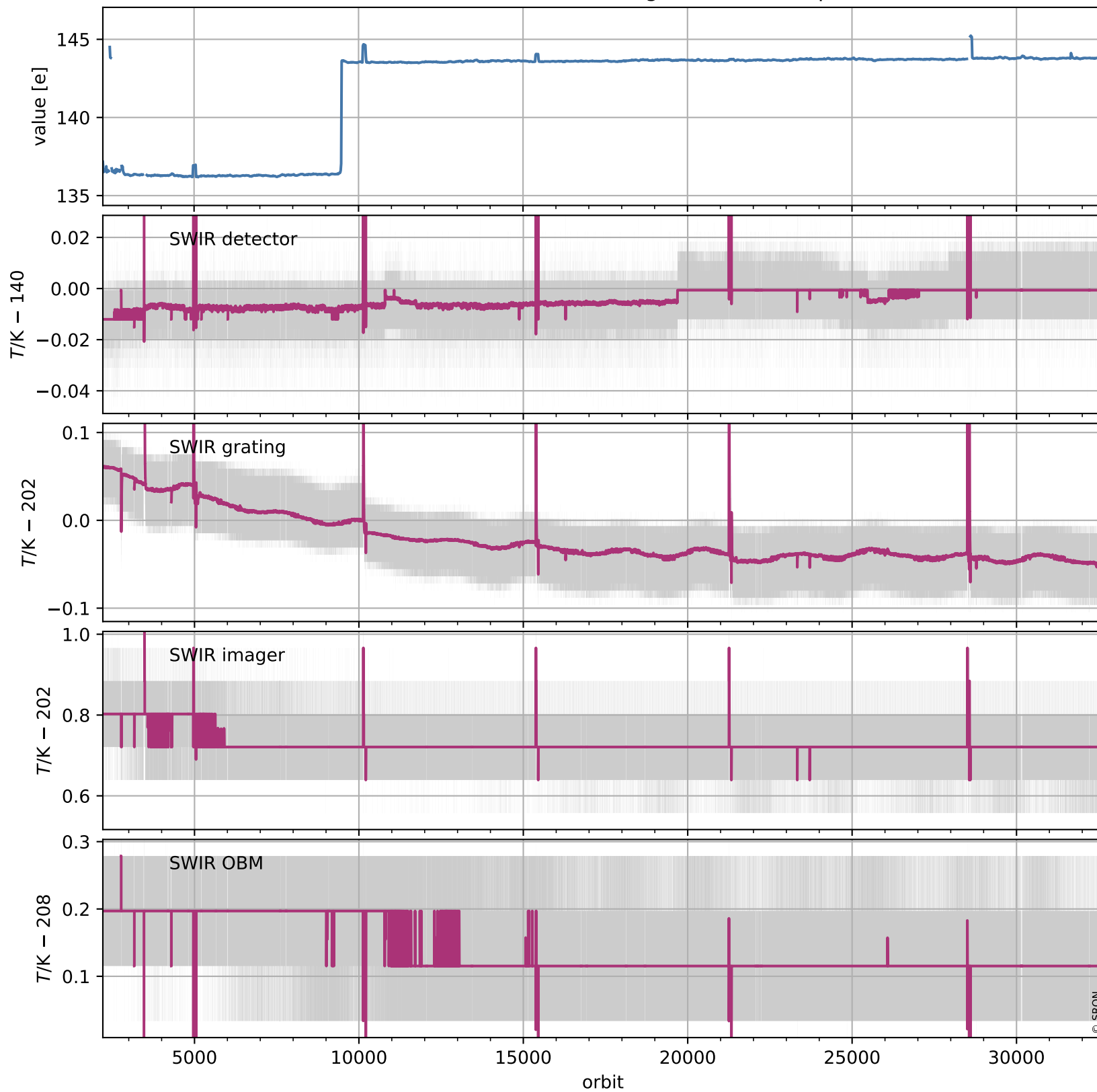
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32632]
coverage: 2018-03-18 / 2024-01-30
created: 2024-02-01T05:21:41Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32632]
coverage: 2018-03-18 / 2024-01-30
created: 2024-02-01T05:21:42Z

trend of normalized read-noise & temperatures

