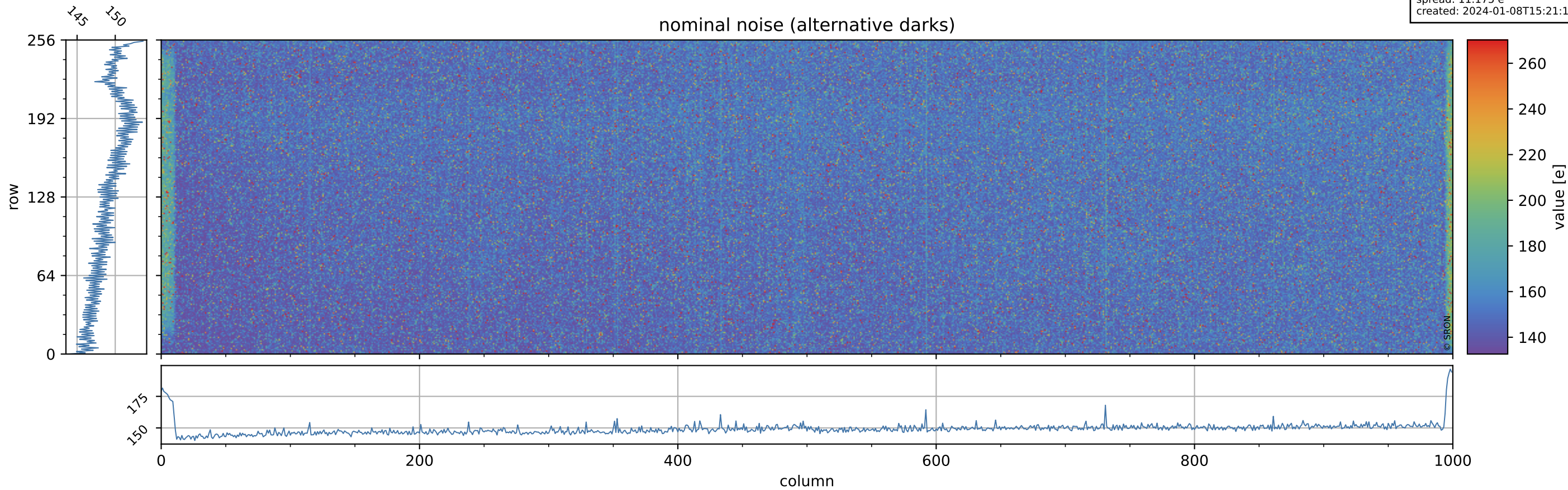


Tropomi SWIR background noise (swir)

orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
n_coad, t_exp: 1, 1.0783
median: 149 e
spread: 11.175 e
created: 2024-01-08T15:21:14Z

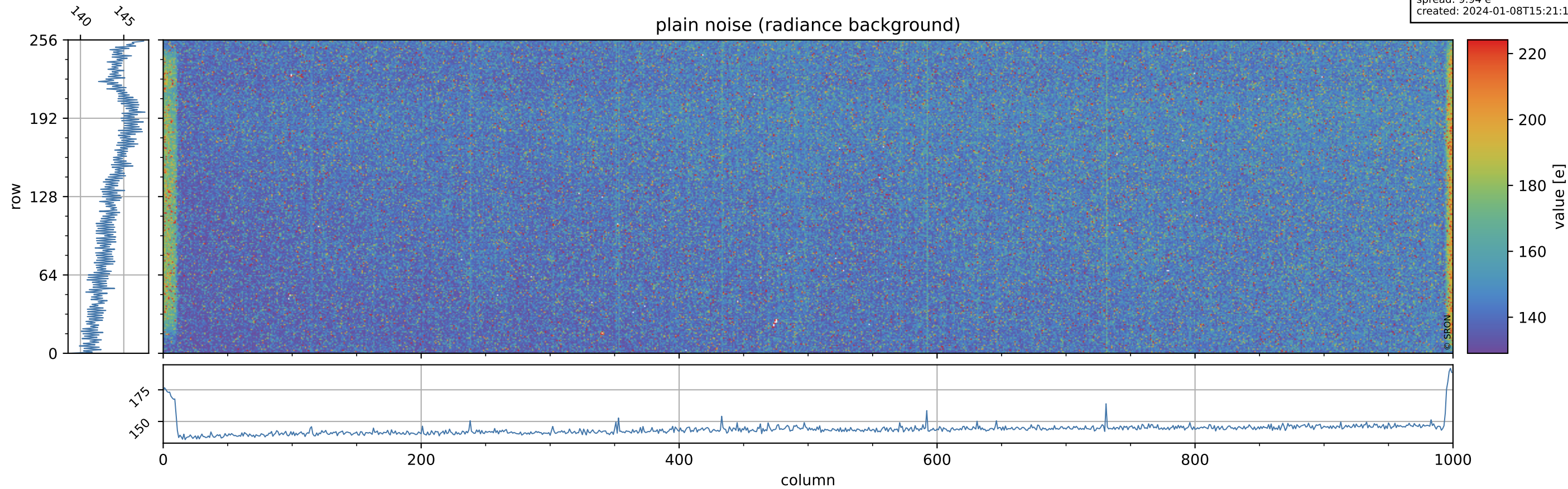
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
n_coad, t_exp: 1, 0.8383
median: 143.62 e
spread: 9.94 e
created: 2024-01-08T15:21:14Z

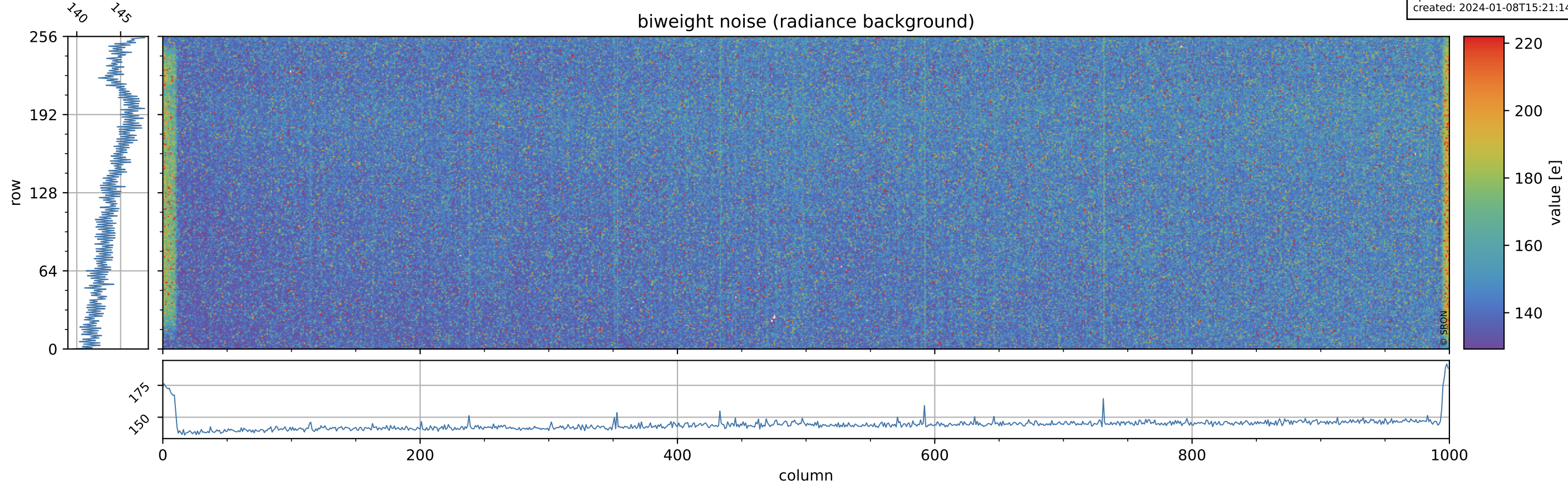
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
n_coad, t_exp: 1, 0.8383
median: 143.95 e
spread: 9.8861 e
created: 2024-01-08T15:21:14Z

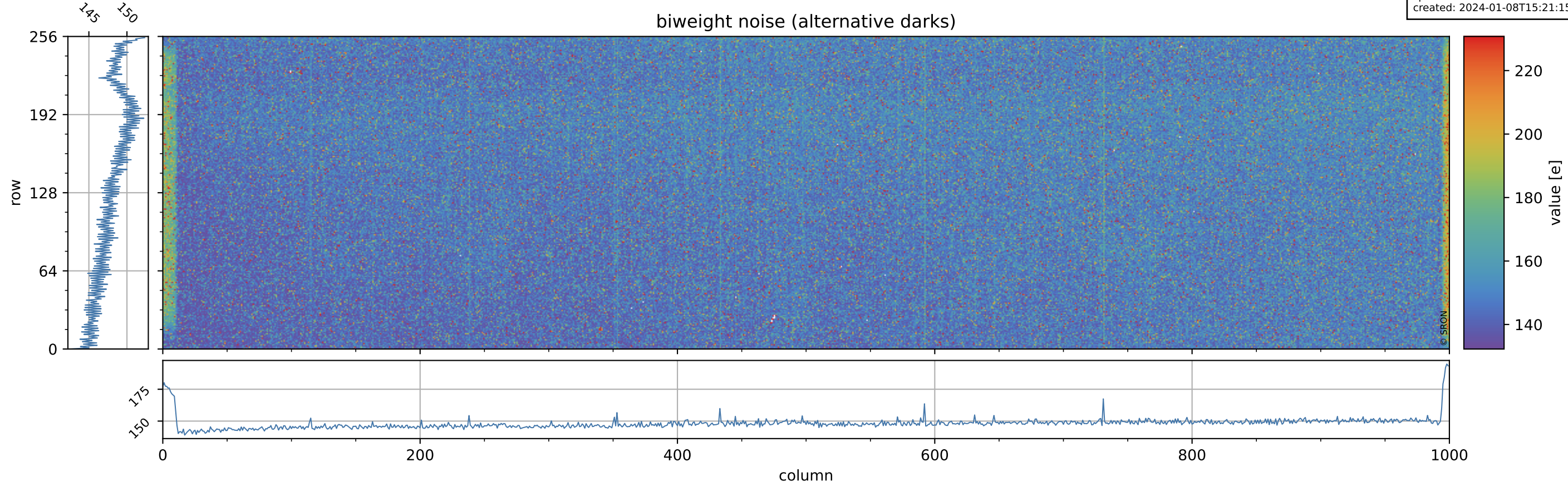
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
n_coad, t_exp: 1, 1.0783
median: 147.93 e
spread: 10.317 e
created: 2024-01-08T15:21:15Z

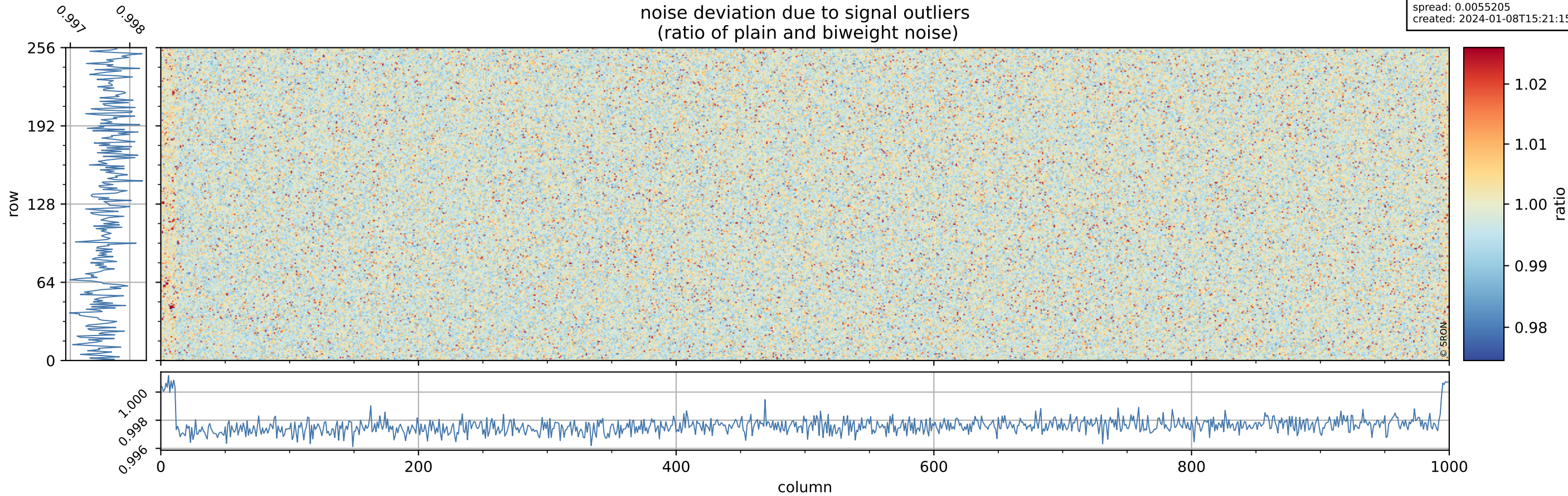
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

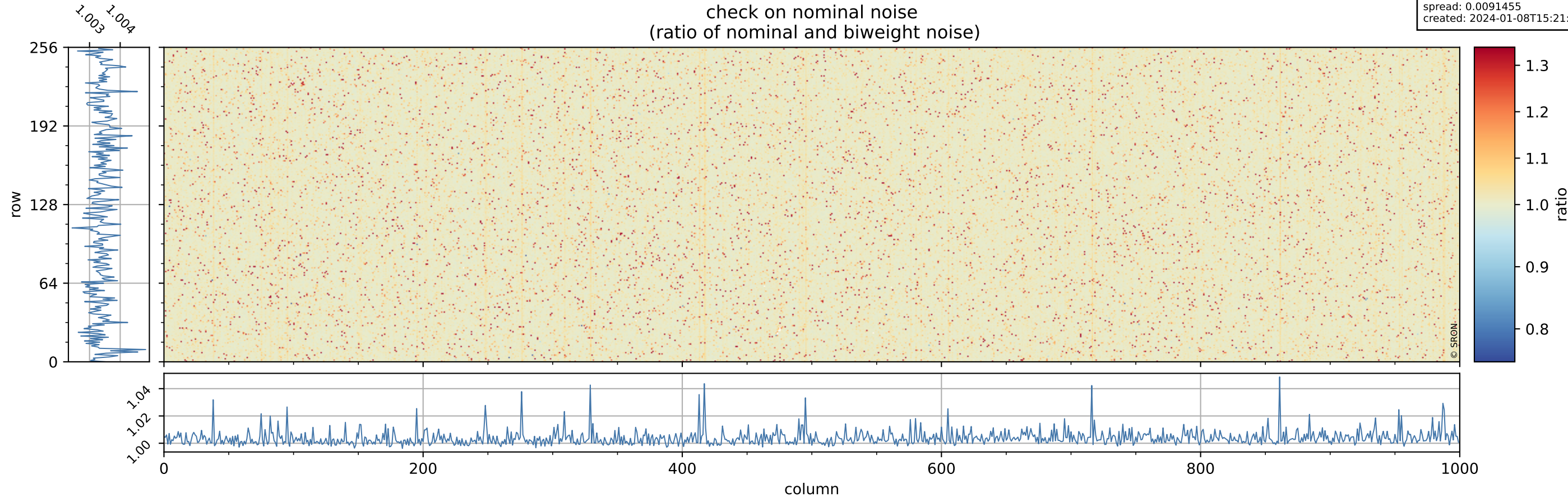
orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
median: 0.99759
spread: 0.0055205
created: 2024-01-08T15:21:15Z



Tropomi SWIR background noise (swir)

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

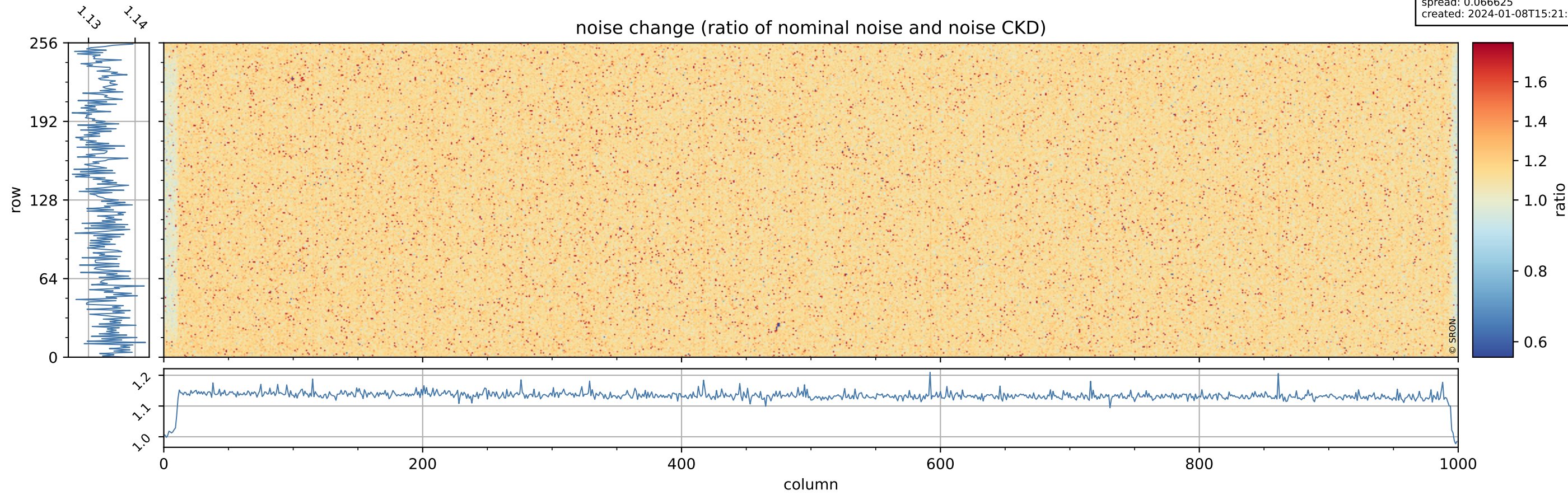
orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
median: 1.0032
spread: 0.0091455
created: 2024-01-08T15:21:15Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
median: 1.1318
spread: 0.066625
created: 2024-01-08T15:21:15Z

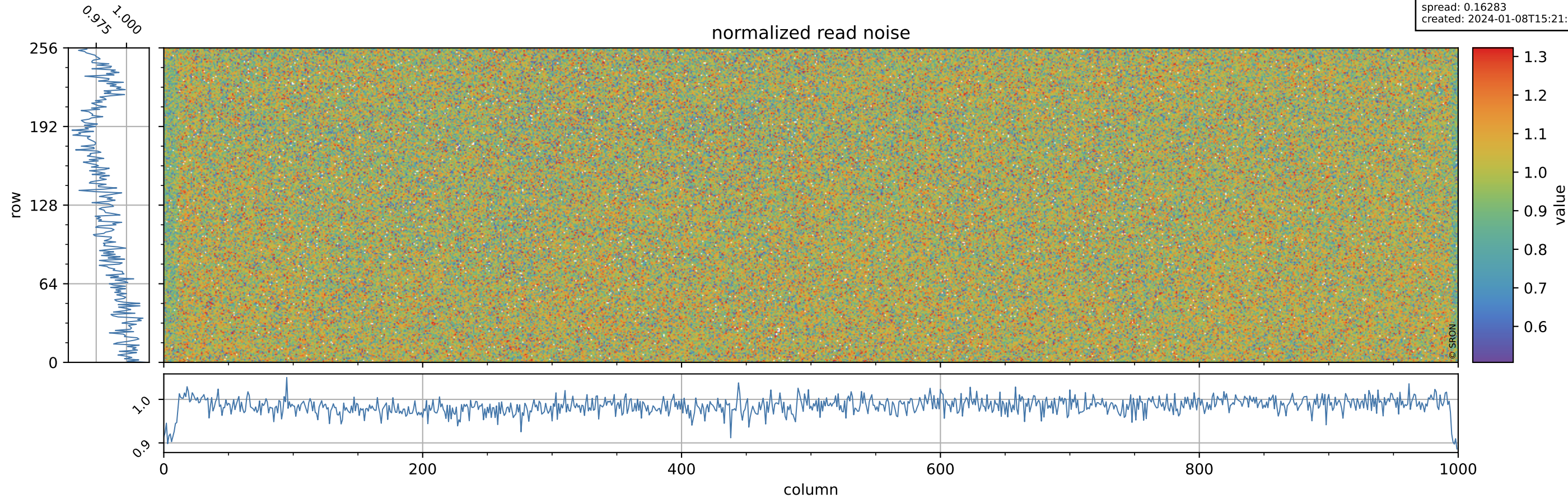
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
median: 0.98344
spread: 0.16283
created: 2024-01-08T15:21:16Z

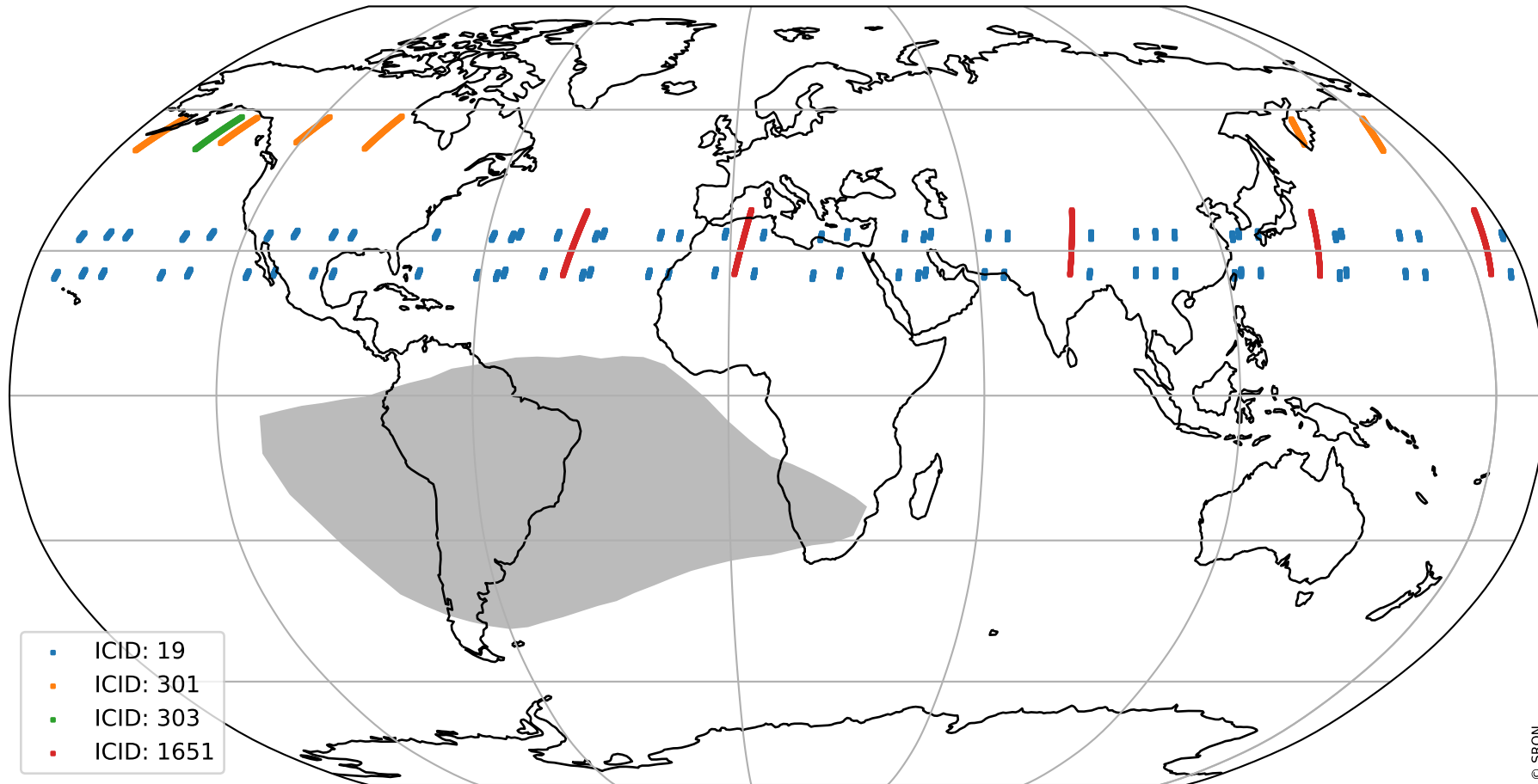
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32242, 32317]
coverage: 2024-01-02 / 2024-01-07
created: 2024-01-08T15:21:16Z

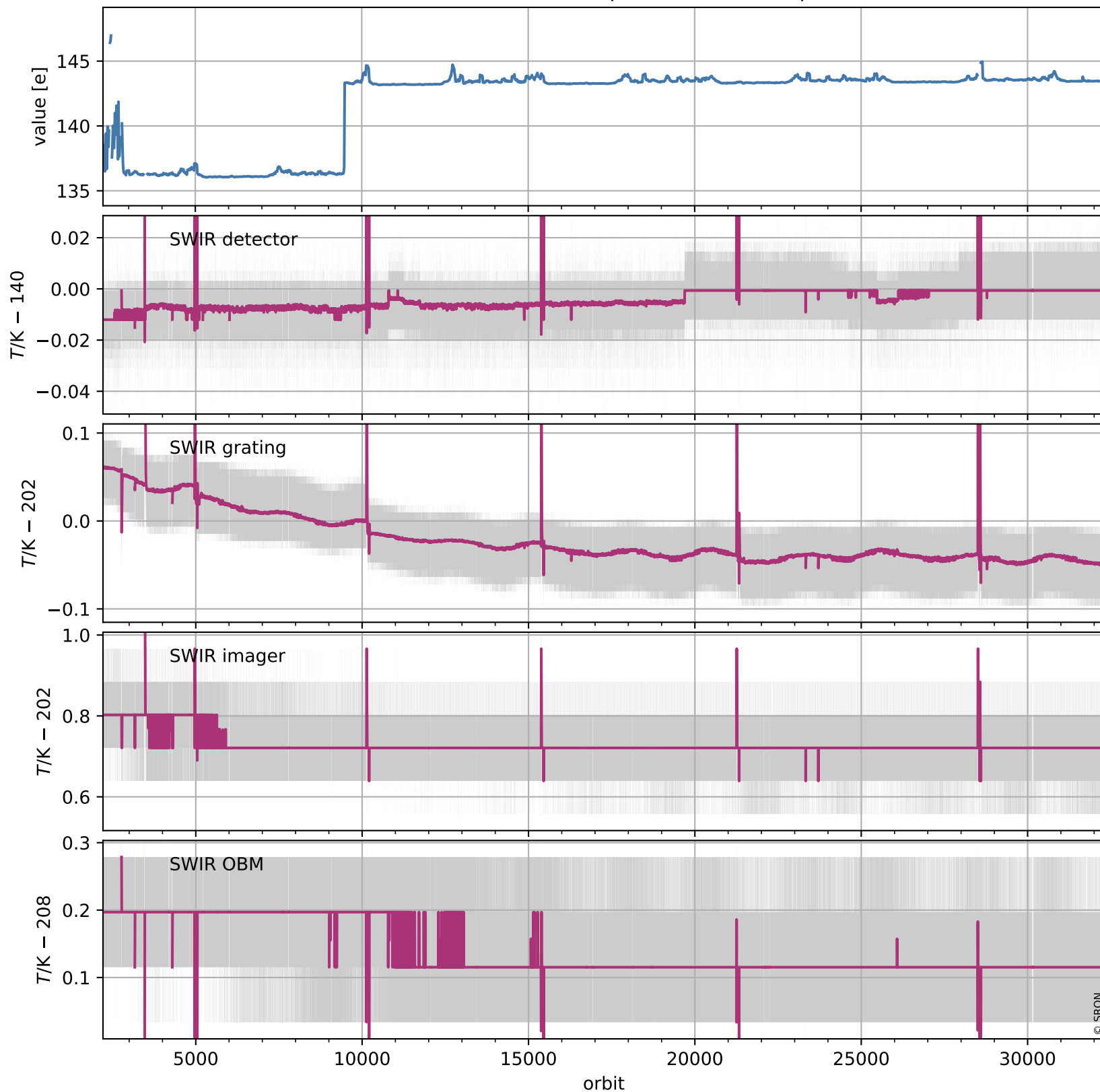
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32317]
coverage: 2018-03-18 / 2024-01-07
created: 2024-01-08T15:21:17Z

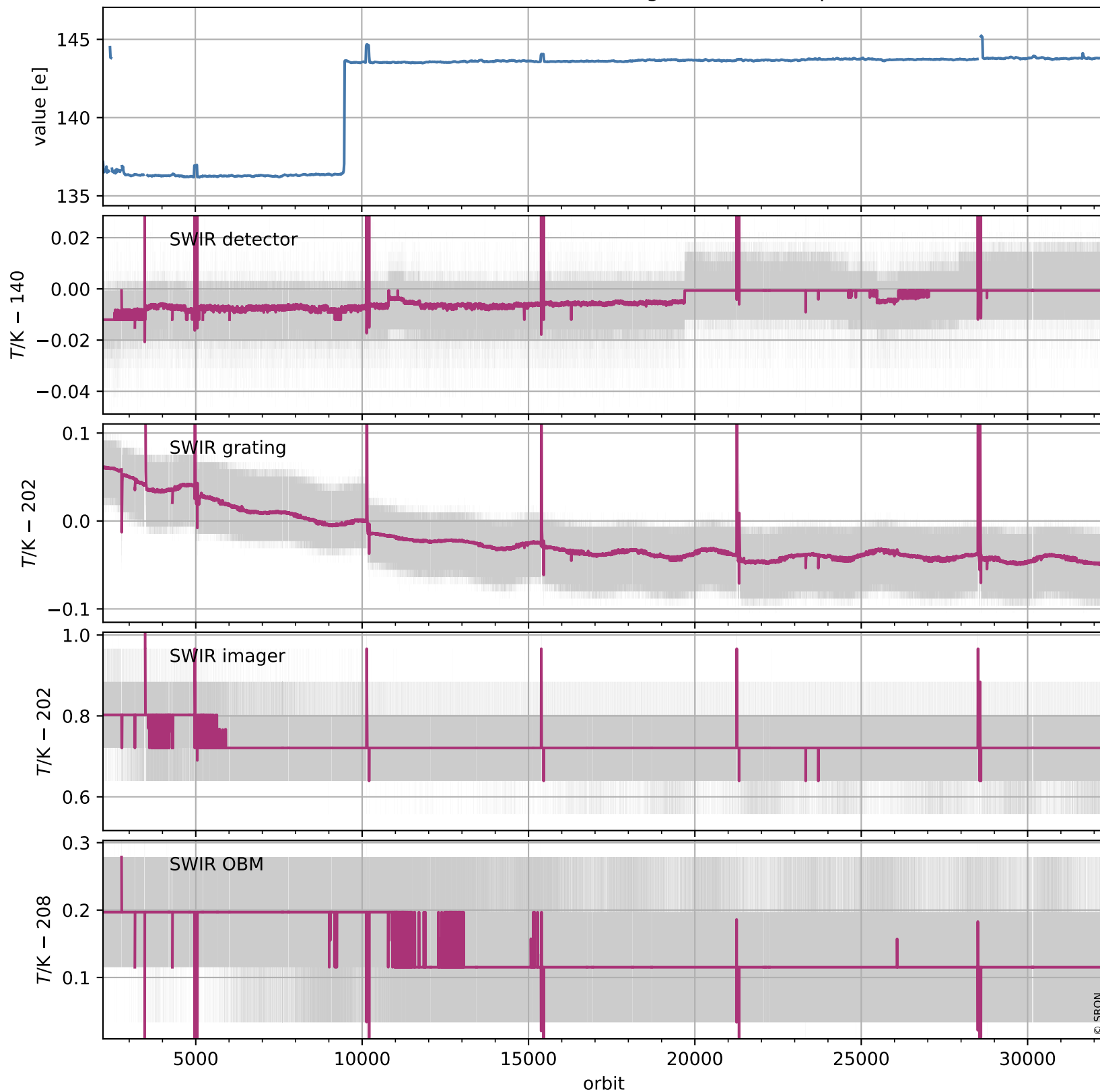
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32317]
coverage: 2018-03-18 / 2024-01-07
created: 2024-01-08T15:21:18Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32317]
coverage: 2018-03-18 / 2024-01-07
created: 2024-01-08T15:21:19Z

trend of normalized read-noise & temperatures

