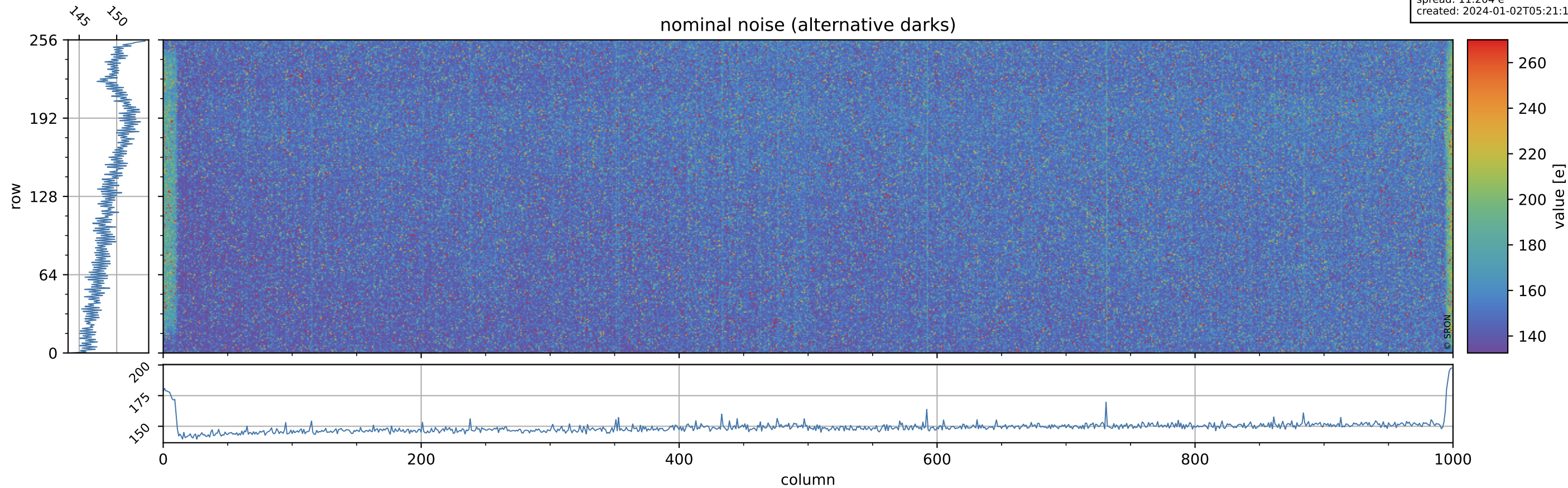


Tropomi SWIR background noise (swir)

orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
n_coad, t_exp: 1, 1.0783
median: 148.97 e
spread: 11.204 e
created: 2024-01-02T05:21:11Z

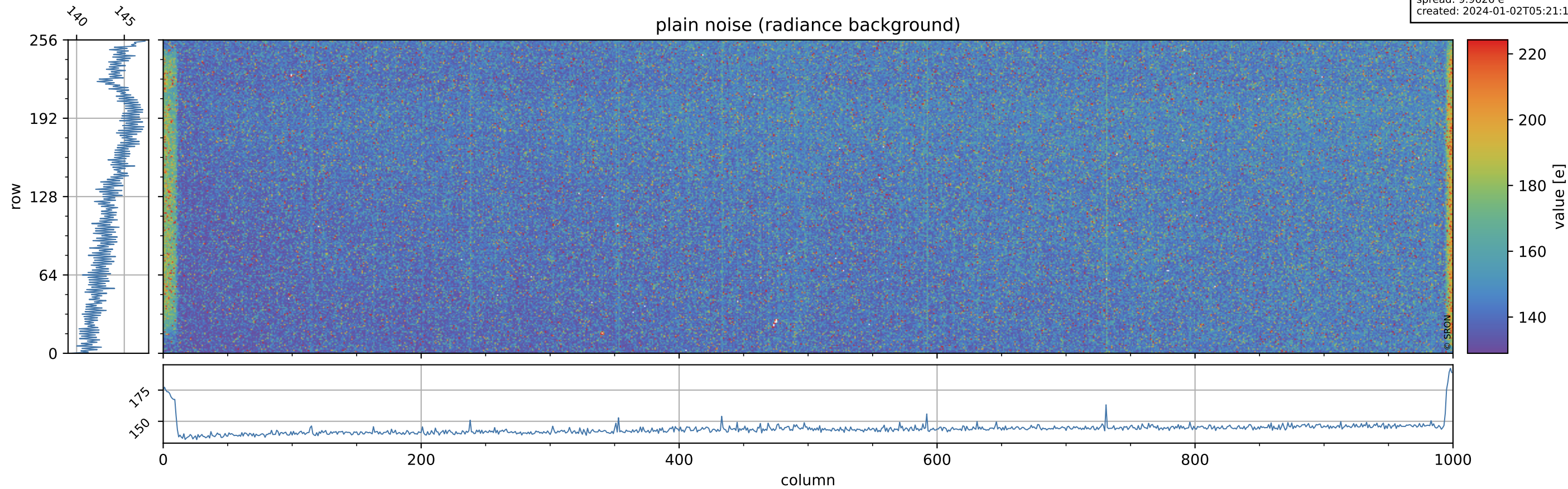
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
n_coad, t_exp: 1, 0.8383
median: 143.6 e
spread: 9.9626 e
created: 2024-01-02T05:21:11Z

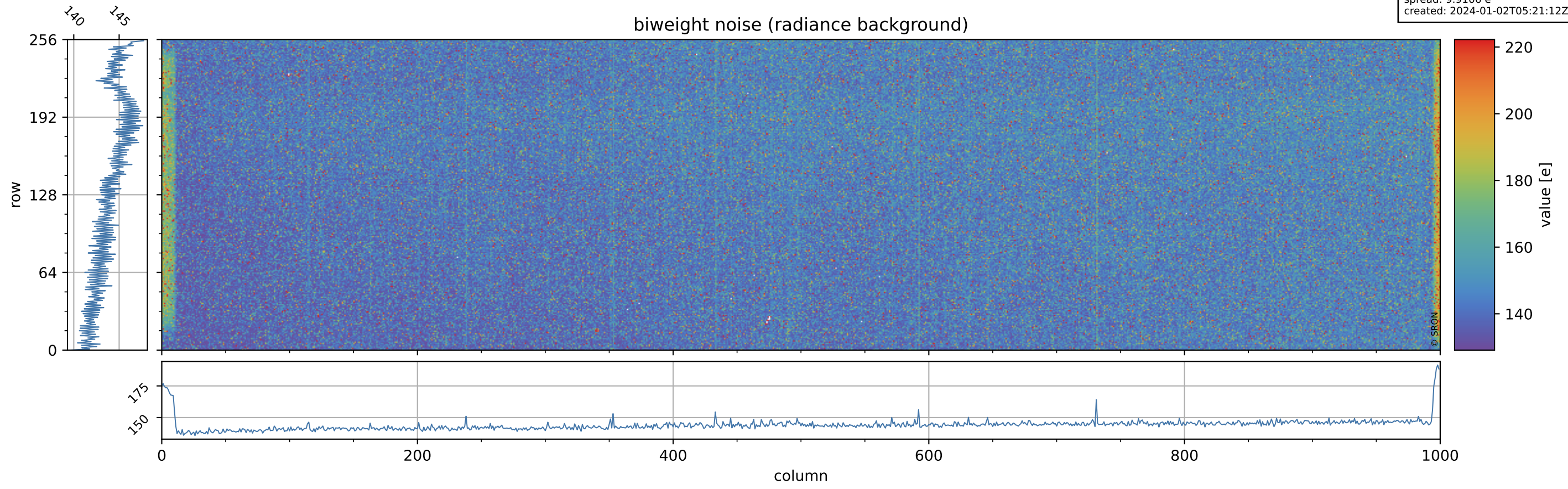
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
n_coad, t_exp: 1, 0.8383
median: 143.94 e
spread: 9.9106 e
created: 2024-01-02T05:21:12Z

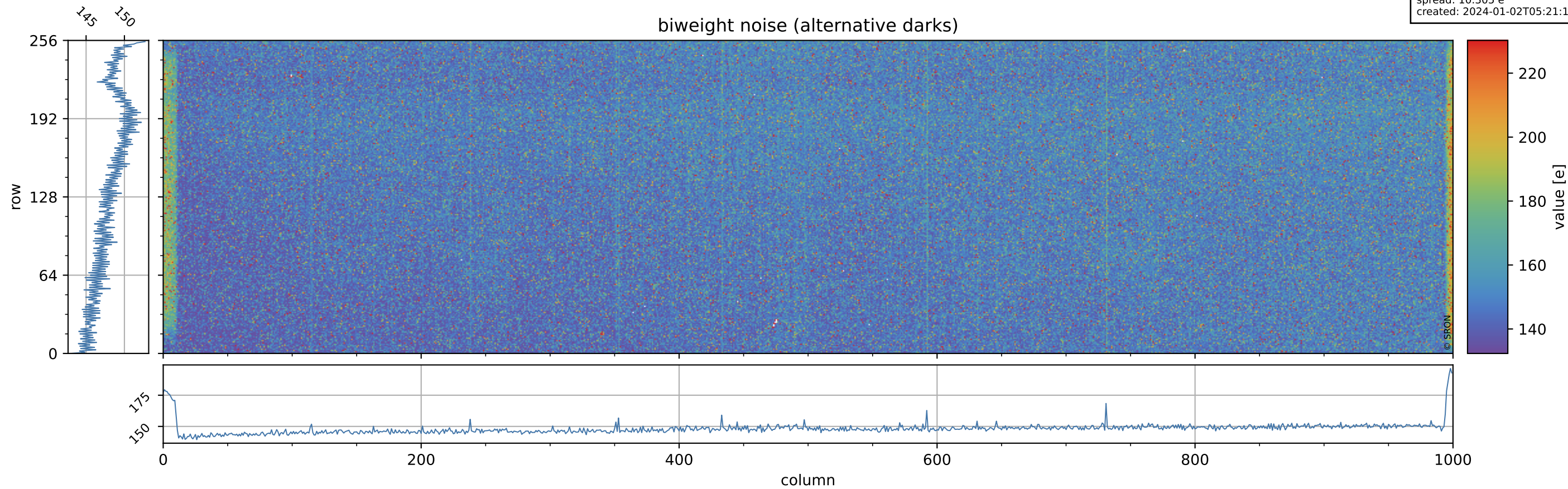
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
n_coad, t_exp: 1, 1.0783
median: 147.96 e
spread: 10.305 e
created: 2024-01-02T05:21:12Z

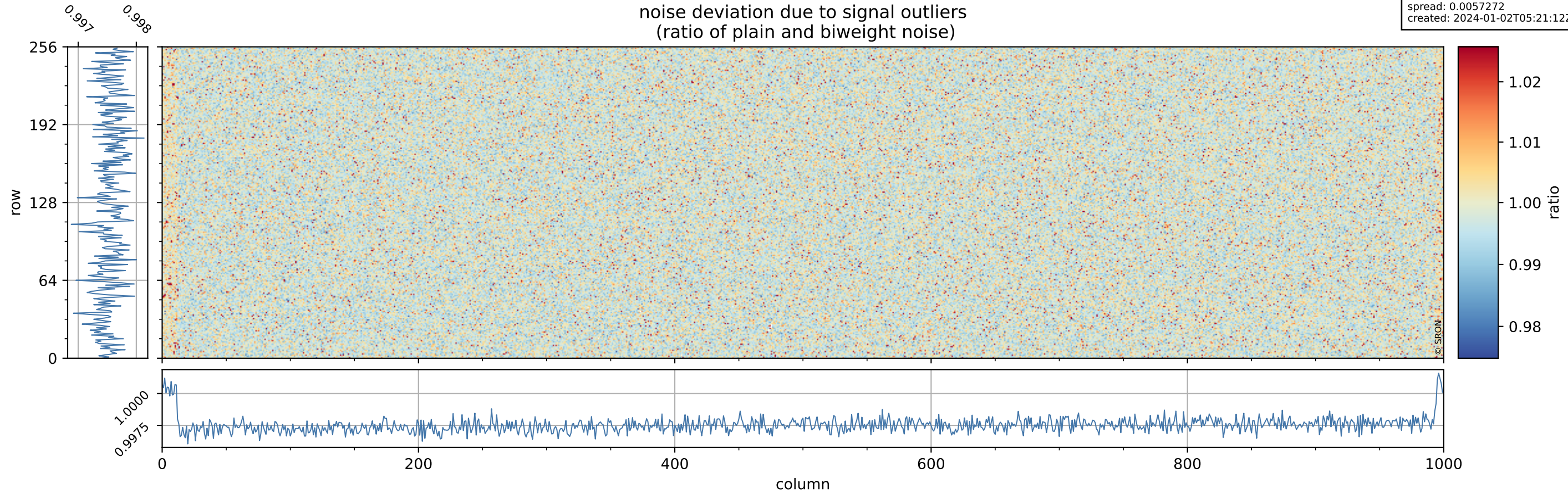
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

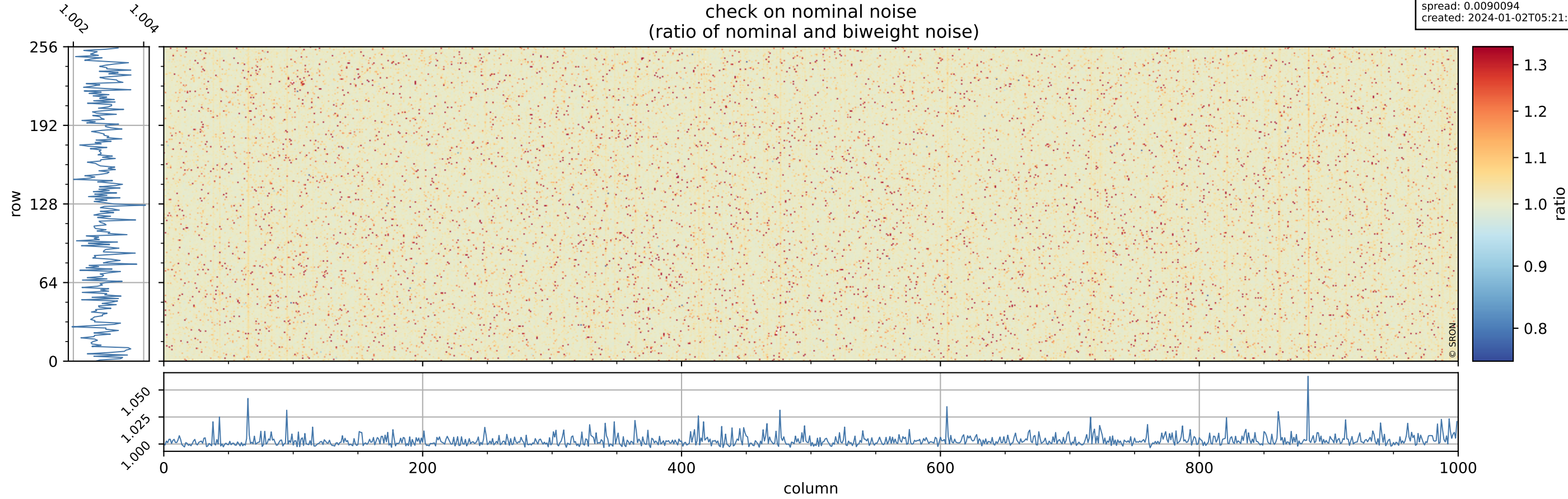
orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
median: 0.99752
spread: 0.0057272
created: 2024-01-02T05:21:12Z



Tropomi SWIR background noise (swir)

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

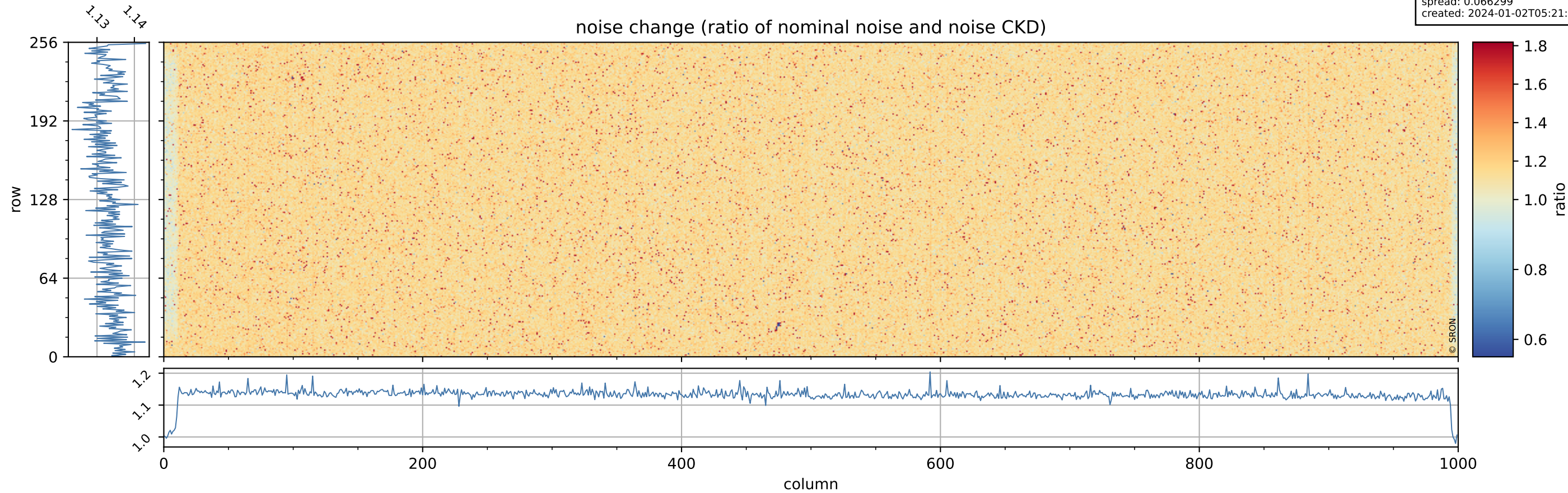
orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
median: 1.0027
spread: 0.0090094
created: 2024-01-02T05:21:12Z



Tropomi SWIR background noise (swir)

orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
median: 1.1315
spread: 0.066299
created: 2024-01-02T05:21:13Z

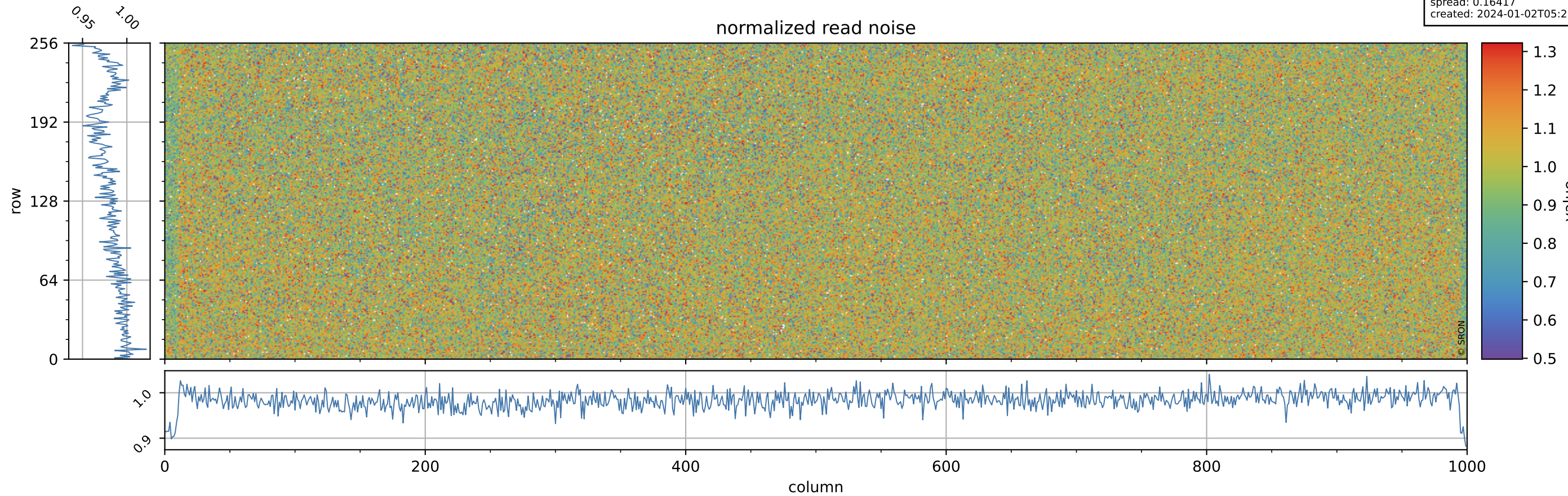
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
median: 0.98166
spread: 0.16417
created: 2024-01-02T05:21:13Z

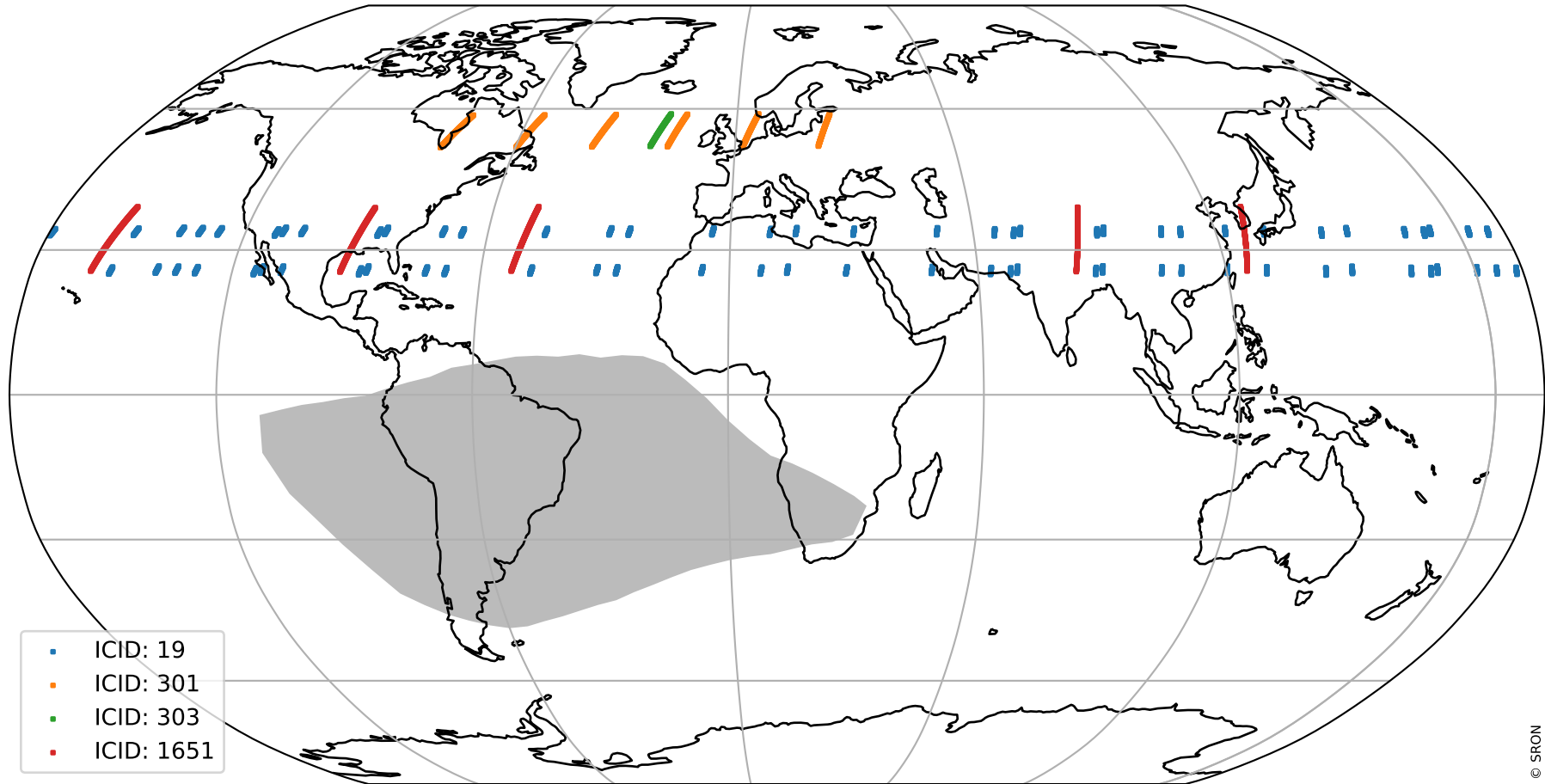
normalized read noise



Tropomi SWIR background noise (swir)

orbits: 12 in [32152, 32227]
coverage: 2023-12-26 / 2024-01-01
created: 2024-01-02T05:21:13Z

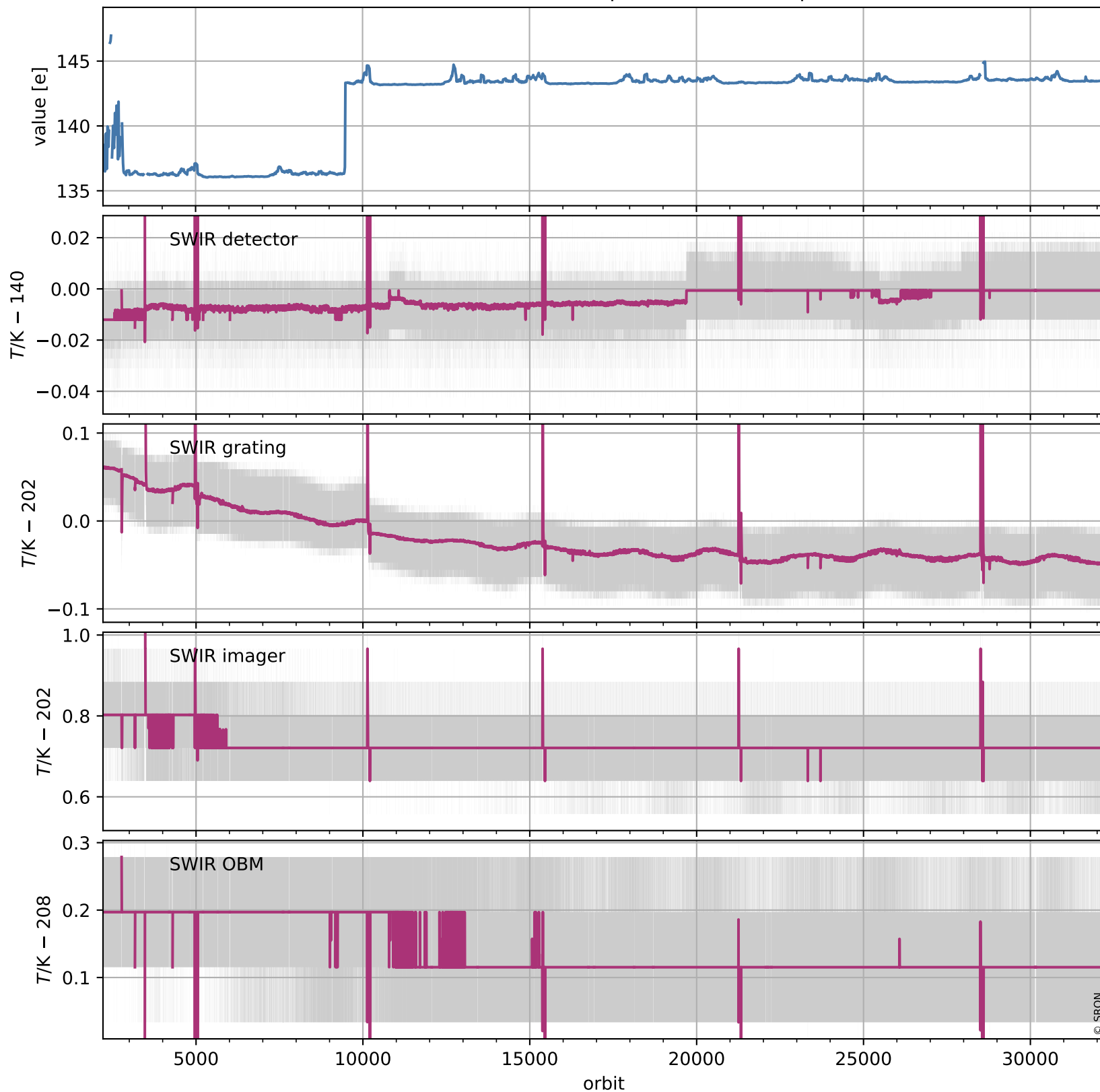
ground-tracks of Sentinel-5P



Tropomi SWIR background noise (swir)

orbits: [2212, 32227]
coverage: 2018-03-18 / 2024-01-01
created: 2024-01-02T05:21:14Z

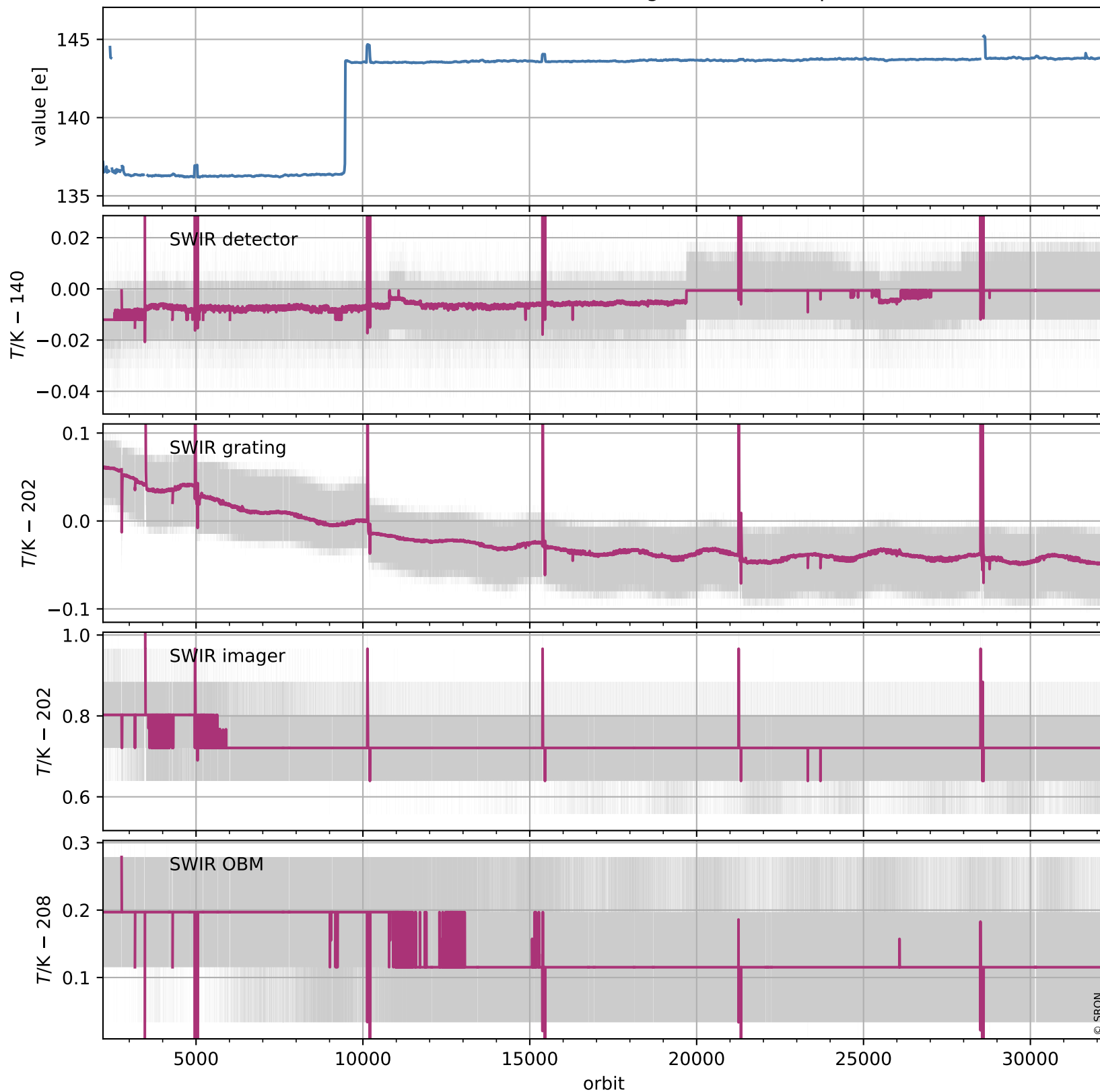
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32227]
coverage: 2018-03-18 / 2024-01-01
created: 2024-01-02T05:21:15Z

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits: [2212, 32227]
coverage: 2018-03-18 / 2024-01-01
created: 2024-01-02T05:21:16Z

trend of normalized read-noise & temperatures

