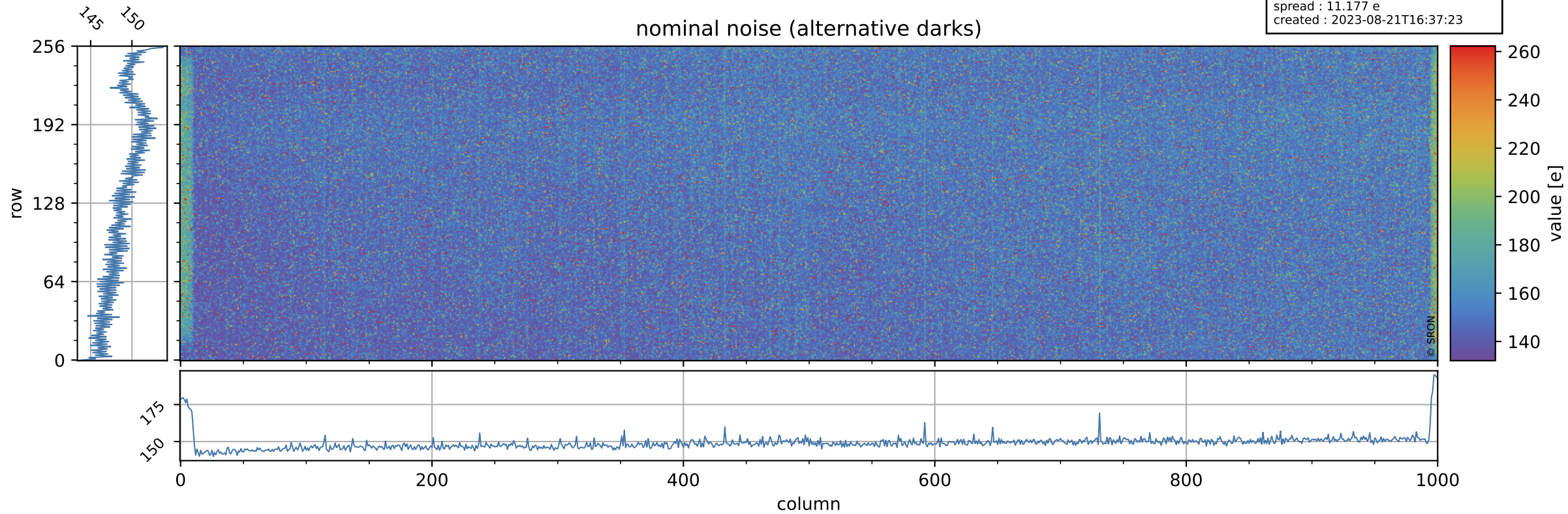


Tropomi SWIR background noise (swir)

orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 11.177 e
created : 2023-08-21T16:37:23

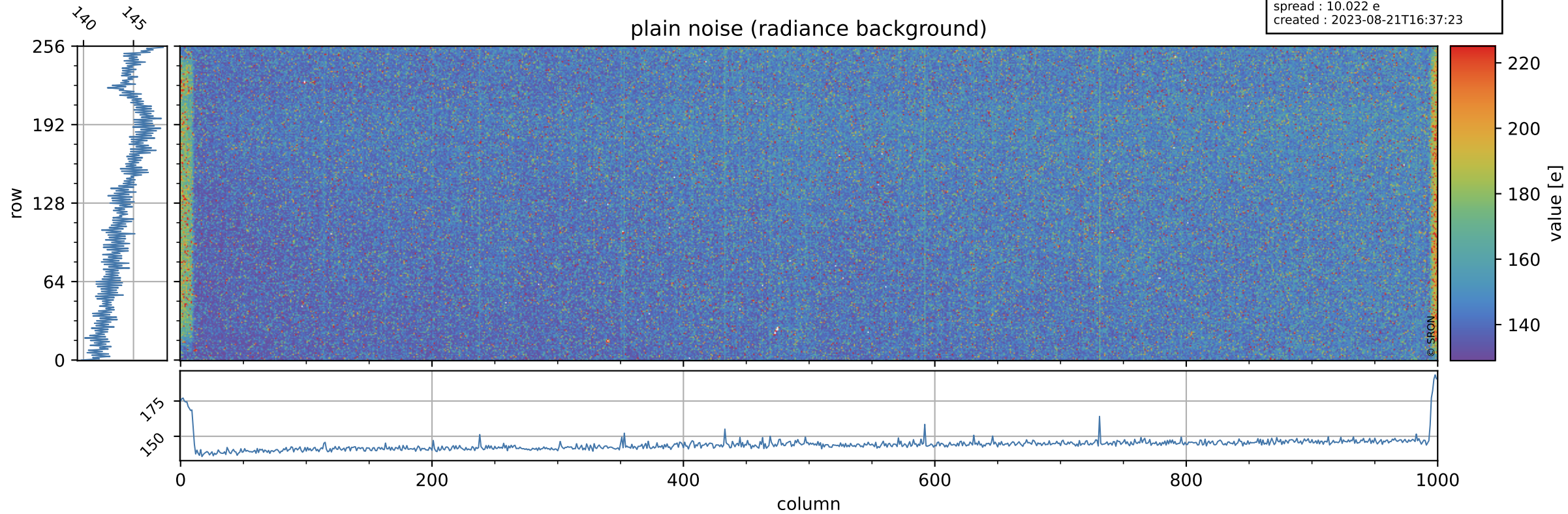
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
n_coad, t_exp : 1, 0.8383
median : 143.93 e
spread : 10.022 e
created : 2023-08-21T16:37:23

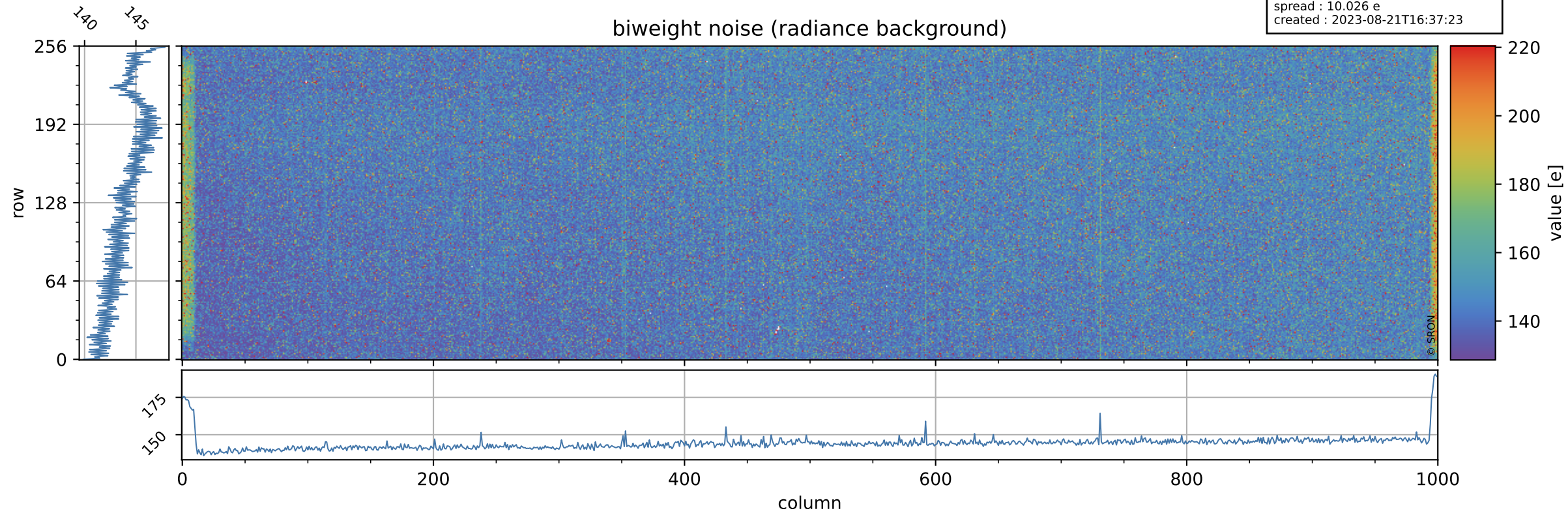
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
n_coad, t_exp : 1, 0.8383
median : 143.91 e
spread : 10.026 e
created : 2023-08-21T16:37:23

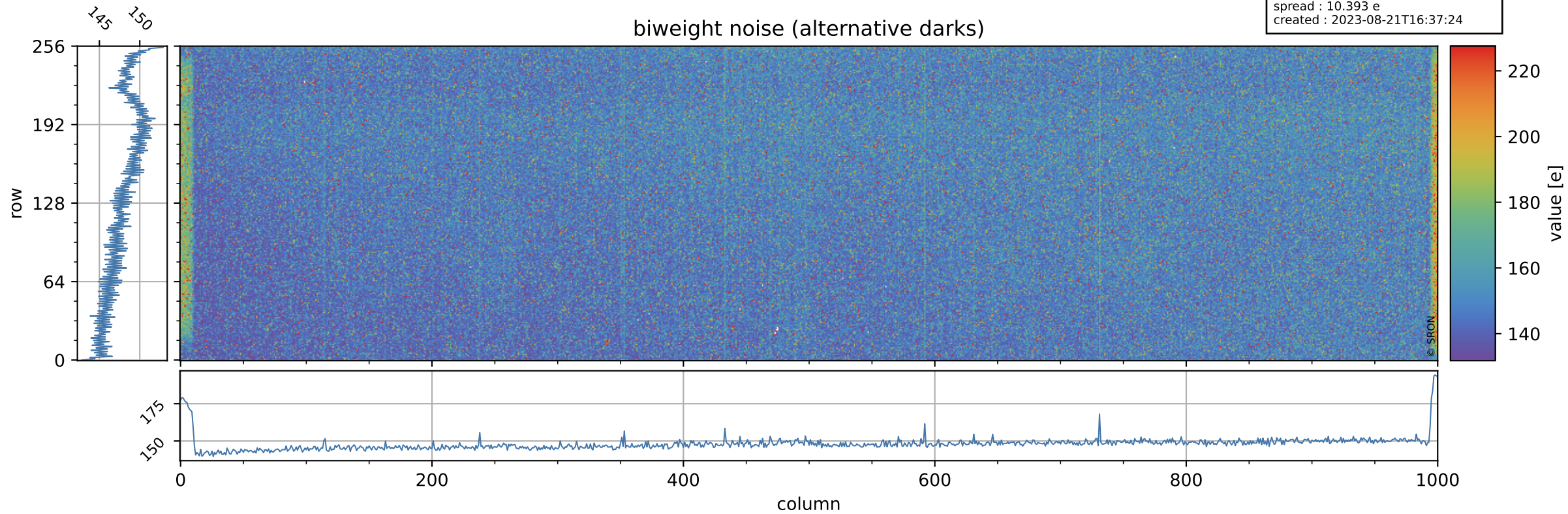
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.393 e
created : 2023-08-21T16:37:24

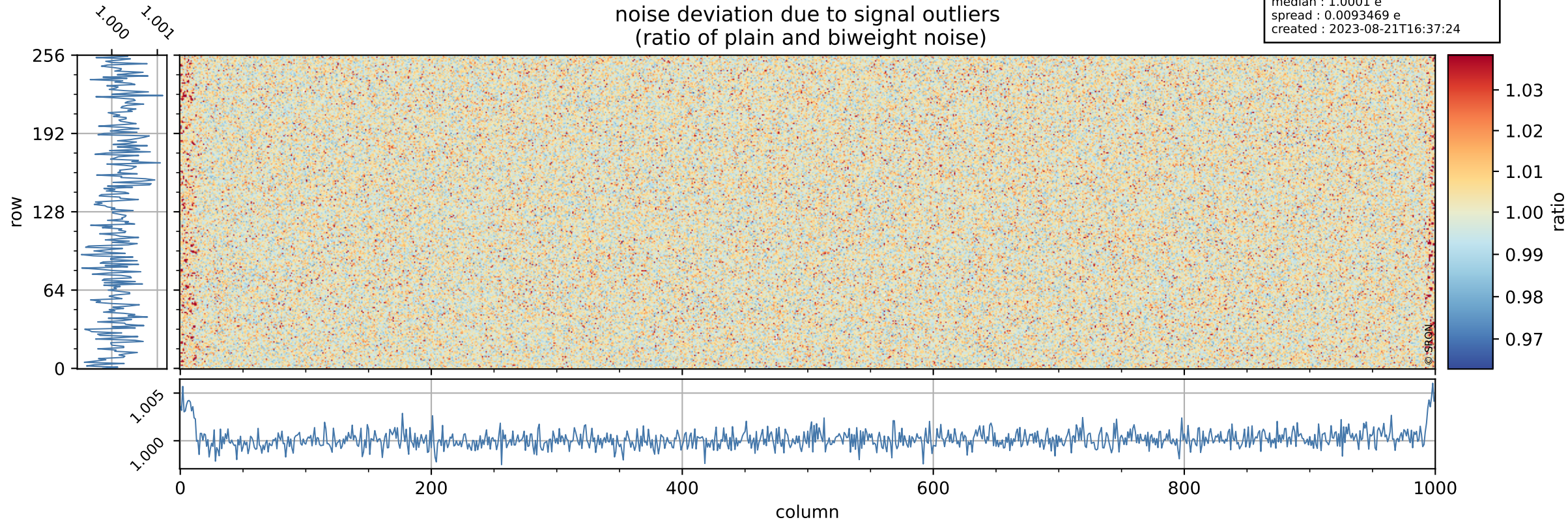
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

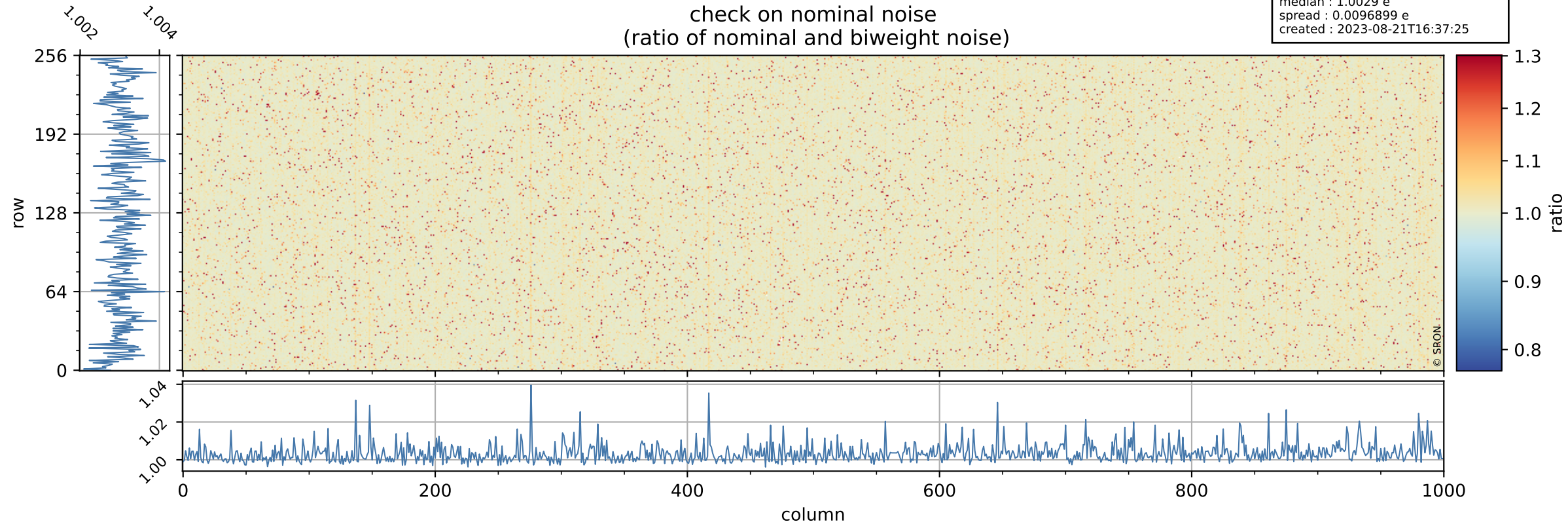
orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
median : 1.0001 e
spread : 0.0093469 e
created : 2023-08-21T16:37:24



Tropomi SWIR background noise (swir)

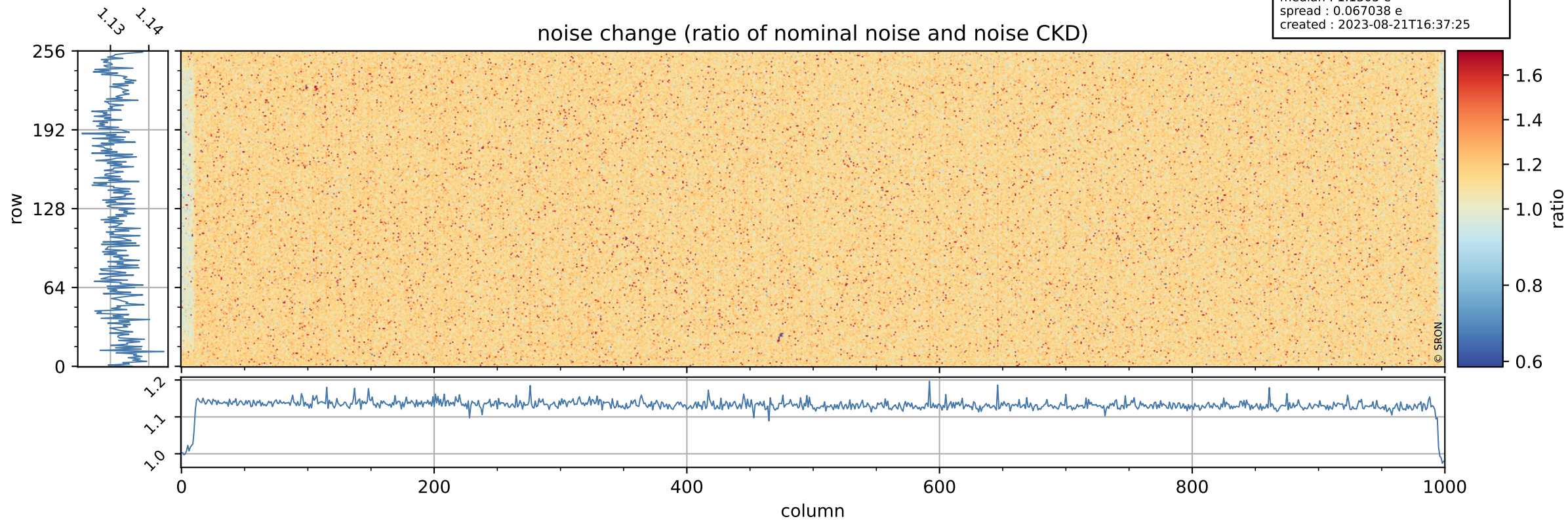
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
median : 1.0029 e
spread : 0.0096899 e
created : 2023-08-21T16:37:25



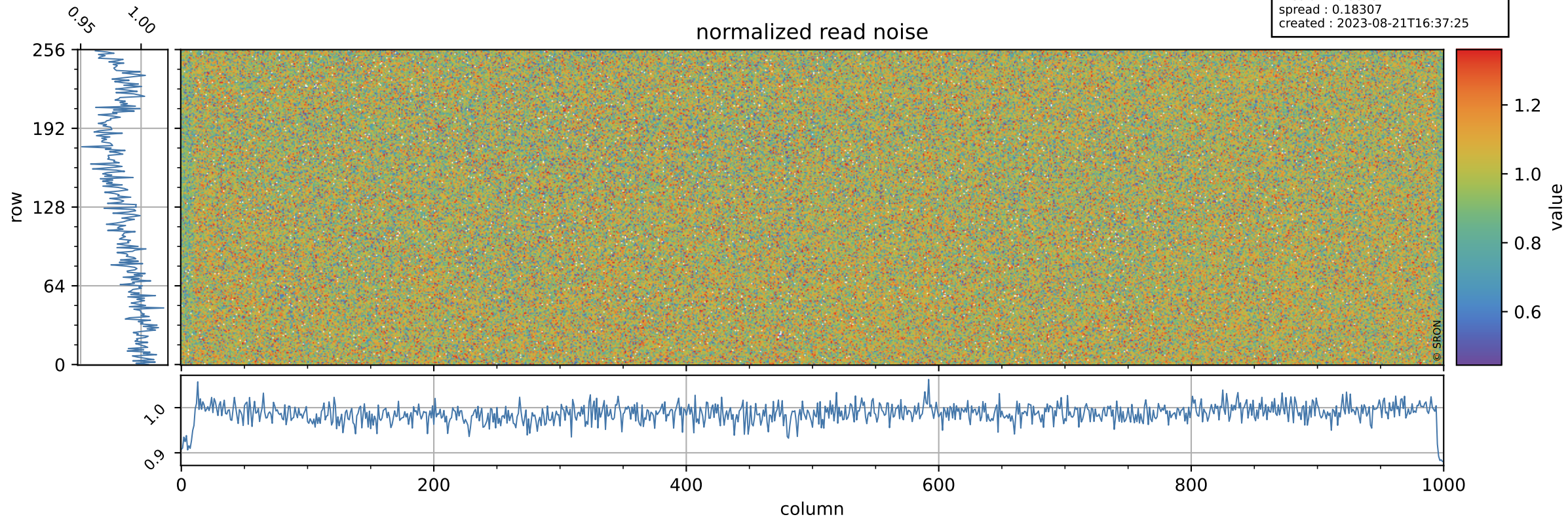
Tropomi SWIR background noise (swir)

orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
median : 1.1305 e
spread : 0.067038 e
created : 2023-08-21T16:37:25



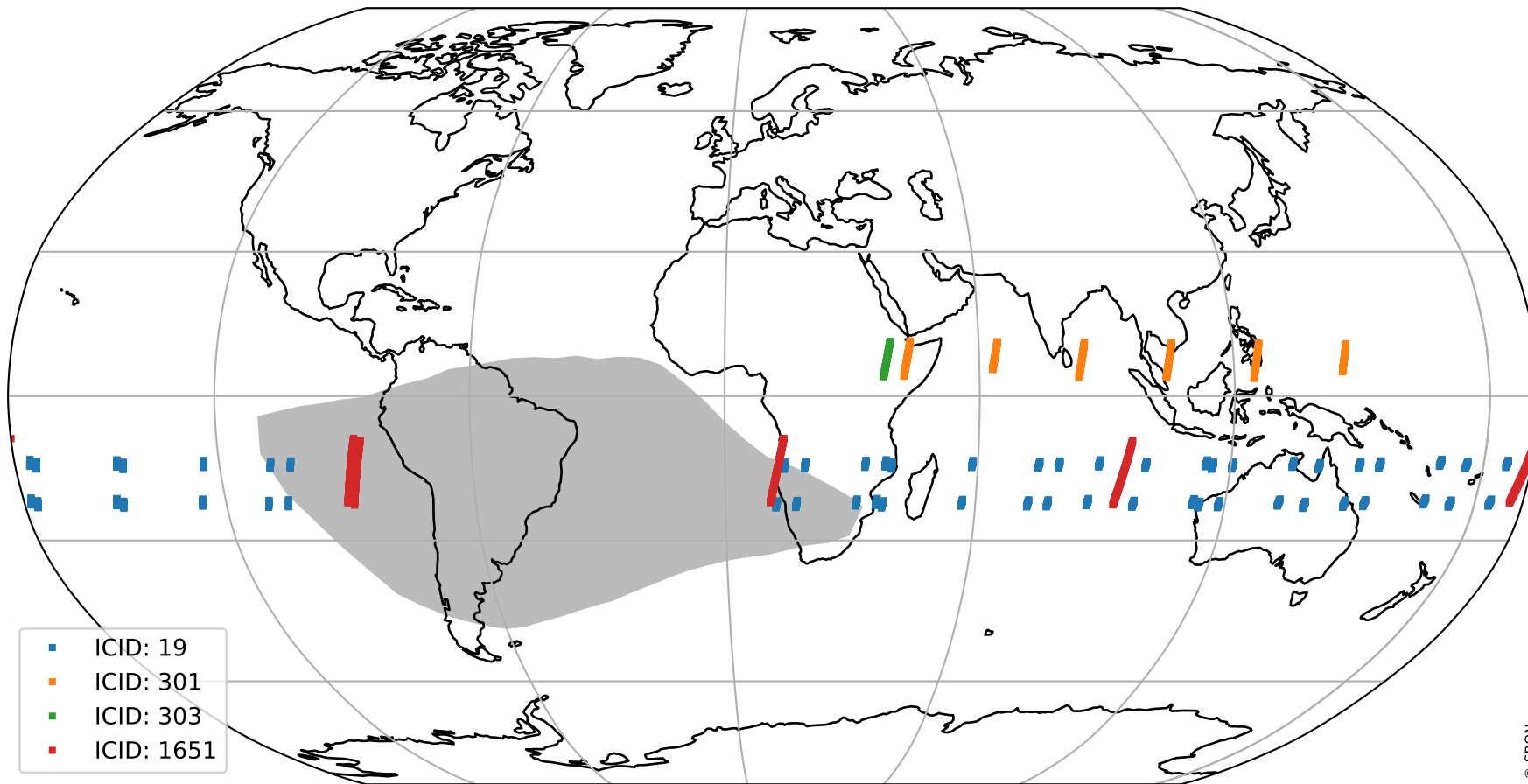
Tropomi SWIR background noise (swir)

orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
median : 0.98497
spread : 0.18307
created : 2023-08-21T16:37:25



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

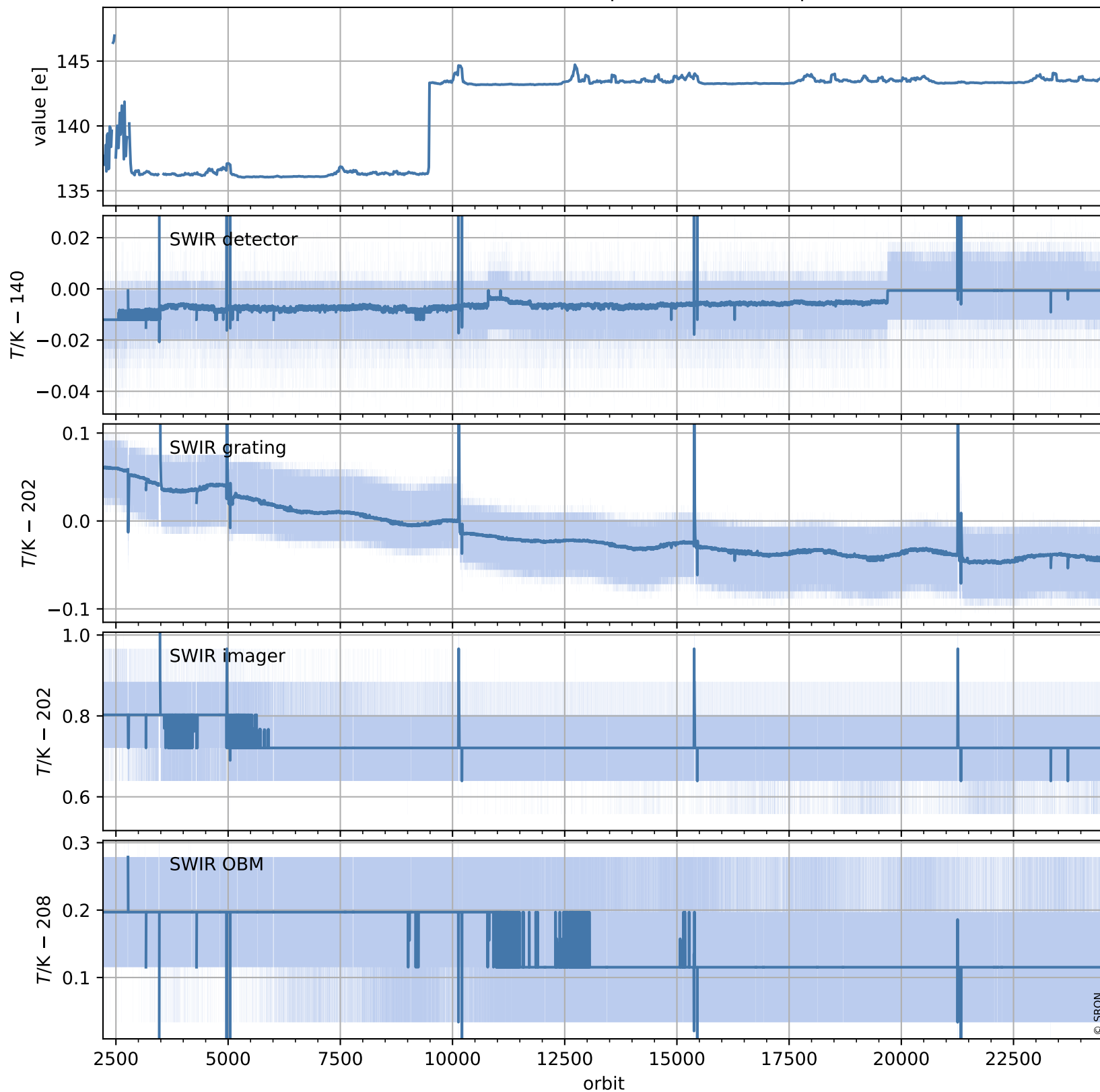
orbits : 12 in [24442, 24532]
coverage : 2022-07-02 / 2022-07-08
created : 2023-08-21T16:37:25



Tropomi SWIR background noise (swir)

orbits : [2212, 24532]
coverage : 2018-03-18 / 2022-07-08
created : 2023-08-21T16:37:26

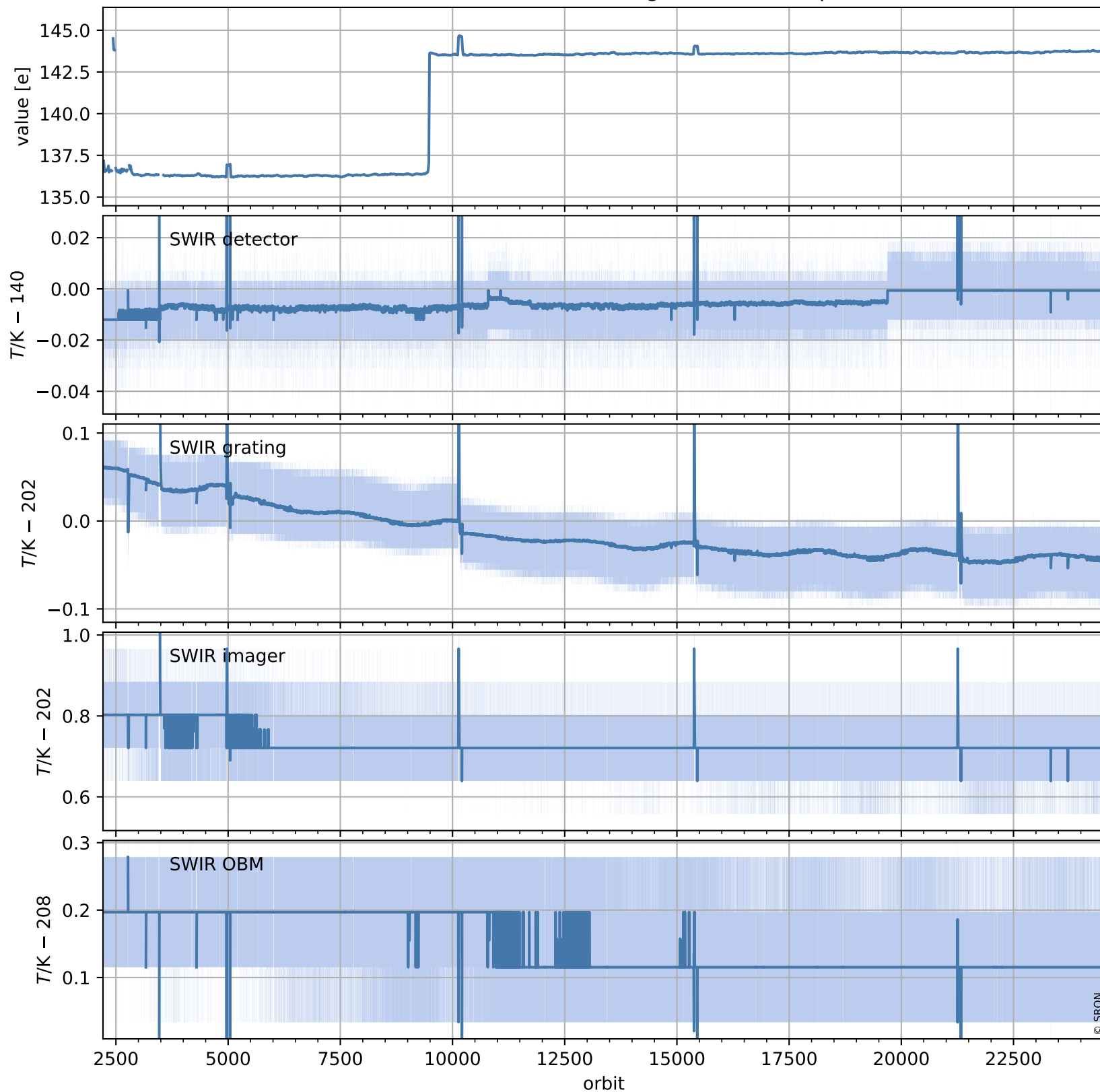
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24532]
coverage : 2018-03-18 / 2022-07-08
created : 2023-08-21T16:37:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24532]
coverage : 2018-03-18 / 2022-07-08
created : 2023-08-21T16:37:28

trend of normalized read-noise & temperatures

