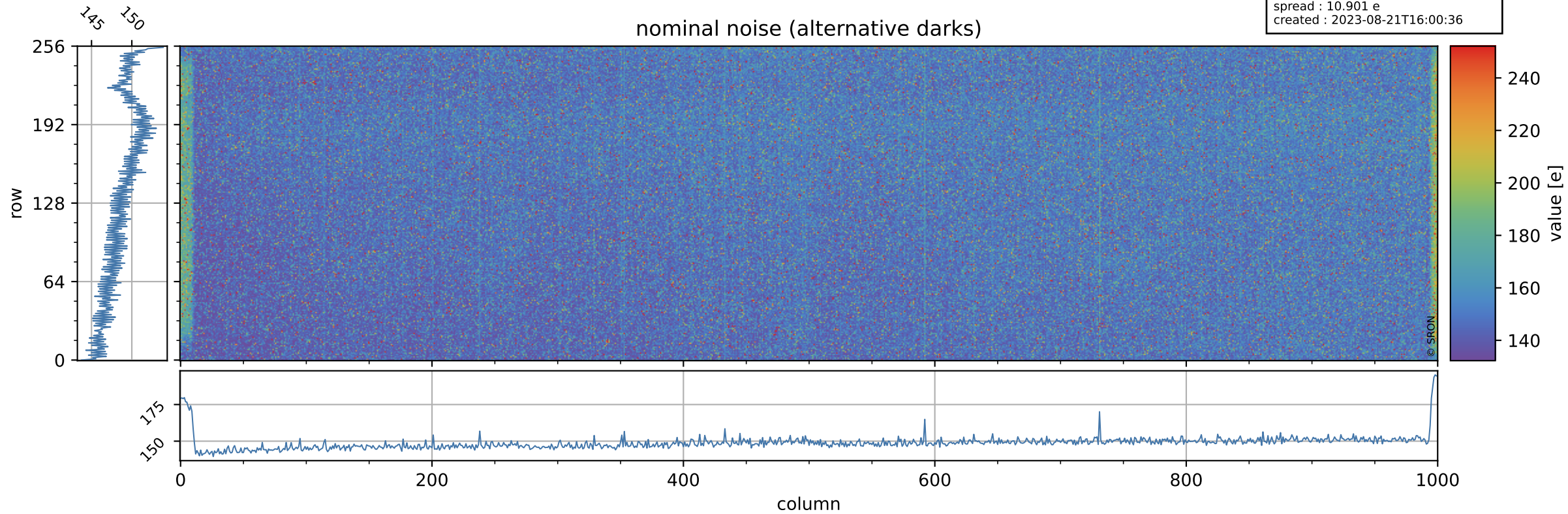


Tropomi SWIR background noise (swir)

orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.901 e
created : 2023-08-21T16:00:36

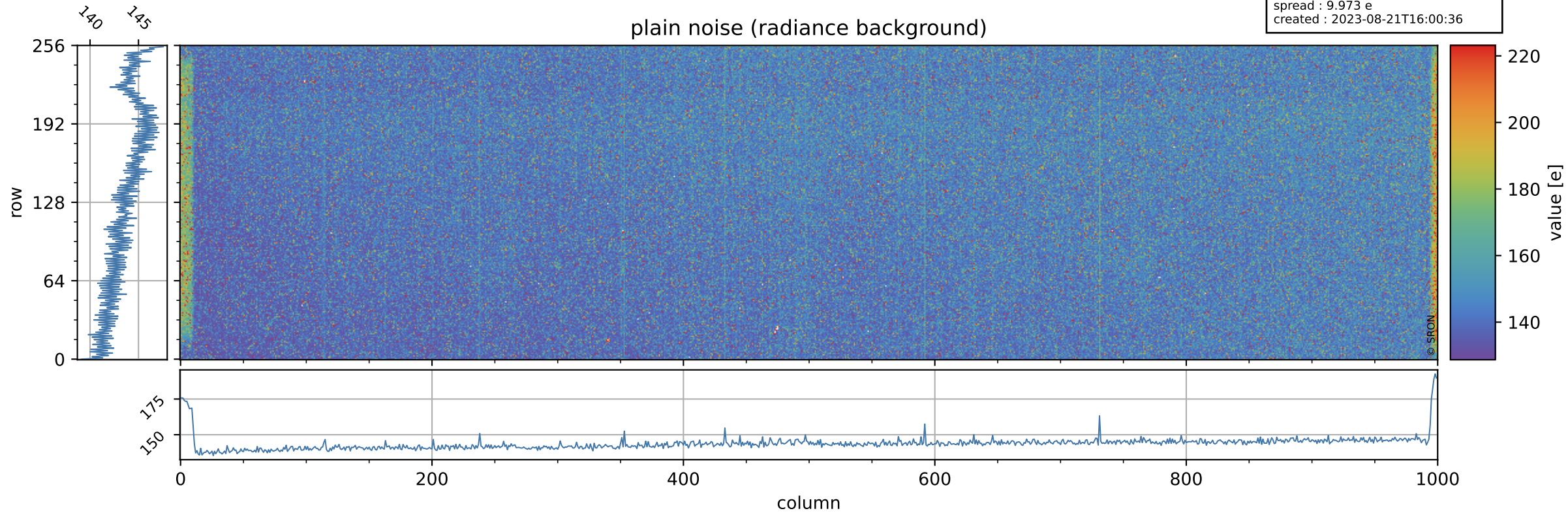
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
n_coad, t_exp : 1, 0.8383
median : 143.58 e
spread : 9.973 e
created : 2023-08-21T16:00:36

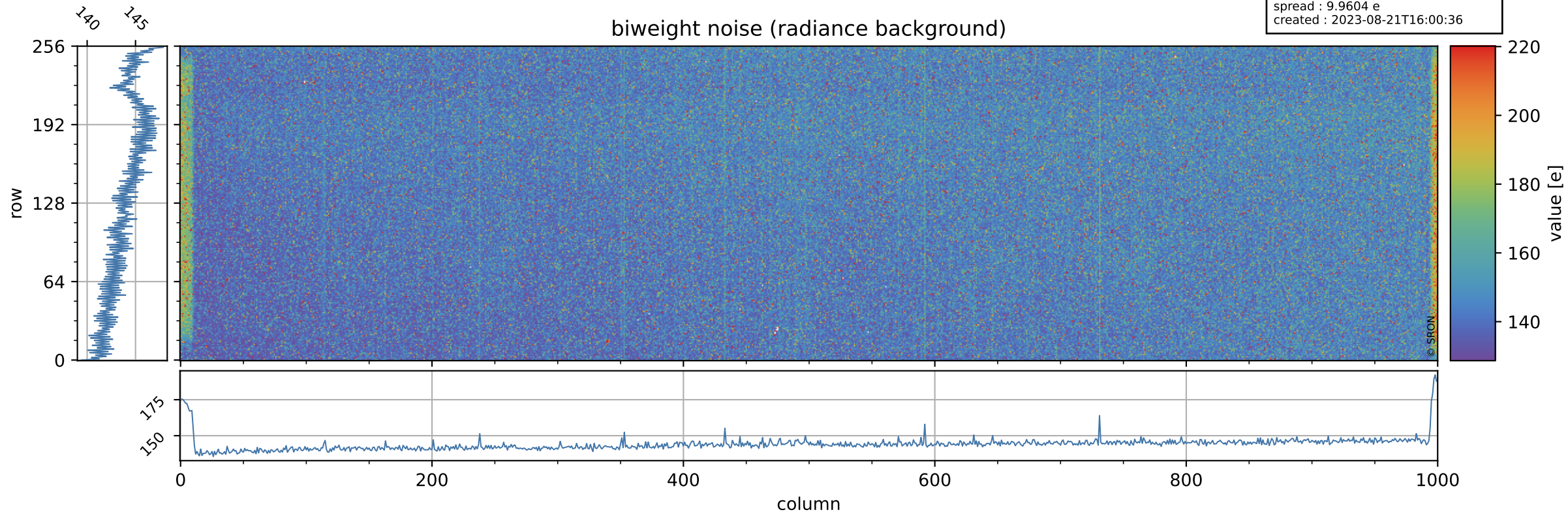
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.9604 e
created : 2023-08-21T16:00:36

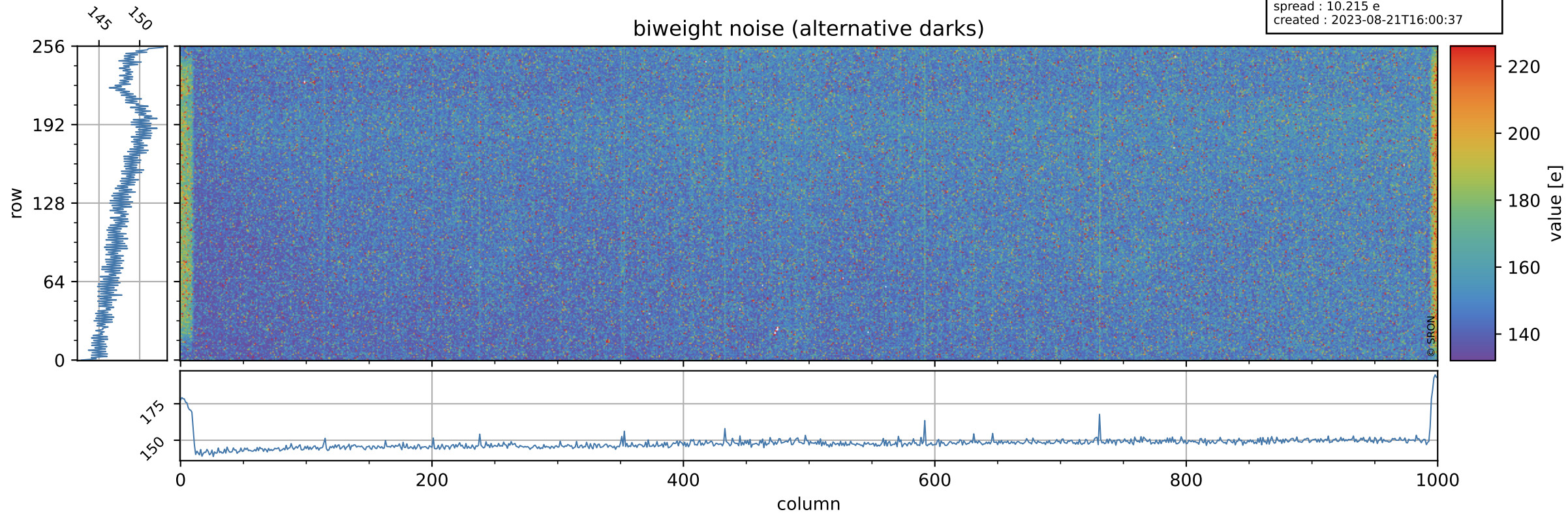
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.215 e
created : 2023-08-21T16:00:37

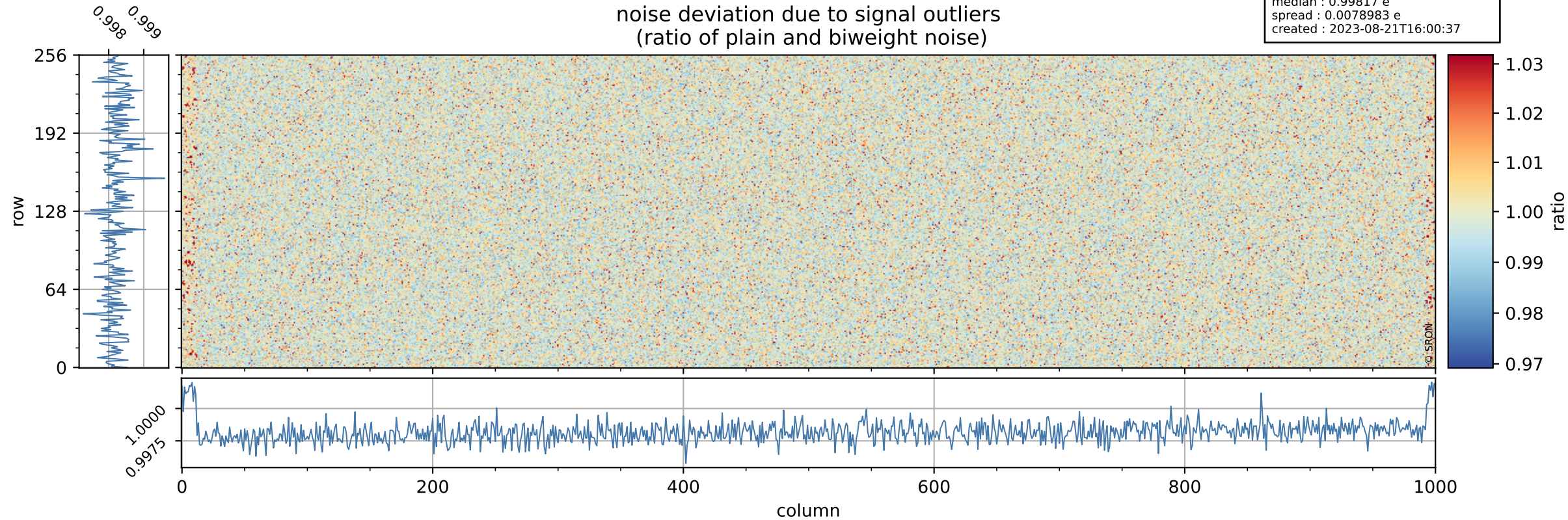
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

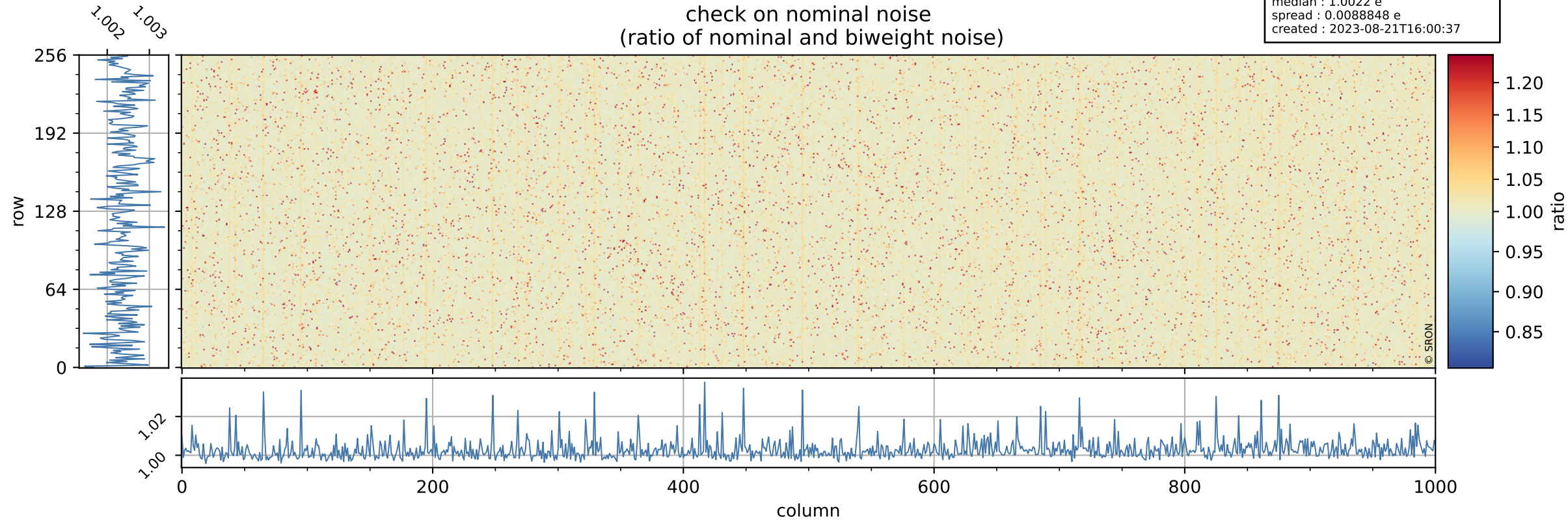
orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
median : 0.99817 e
spread : 0.0078983 e
created : 2023-08-21T16:00:37



Tropomi SWIR background noise (swir)

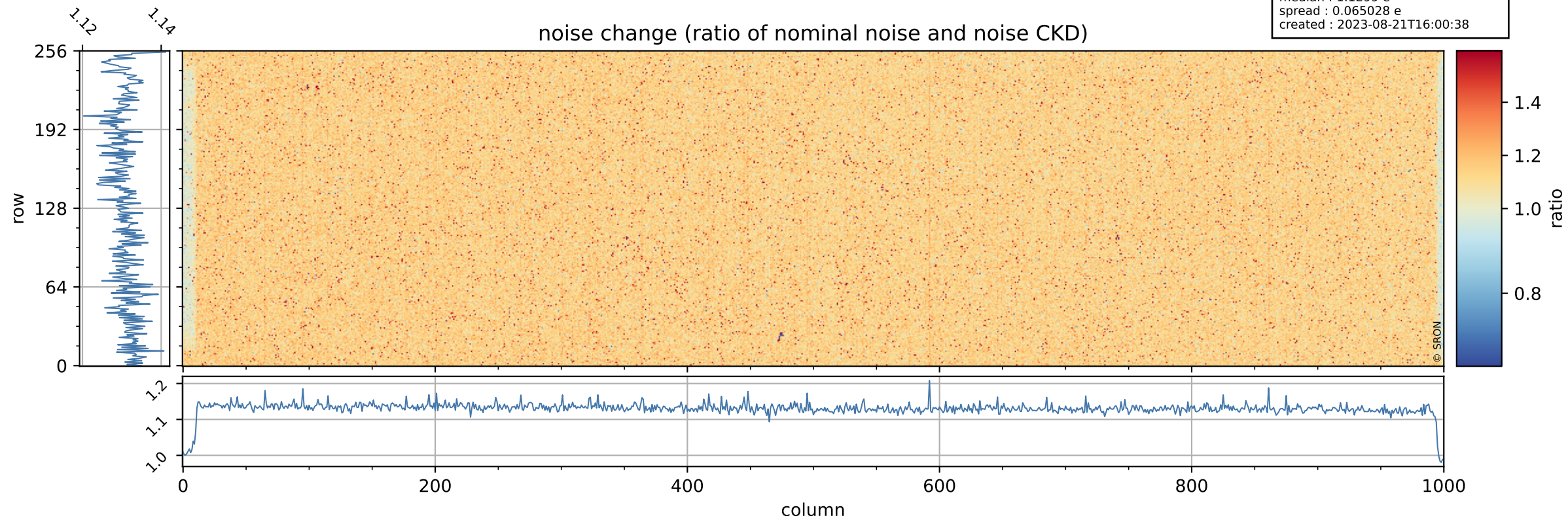
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
median : 1.0022 e
spread : 0.0088848 e
created : 2023-08-21T16:00:37



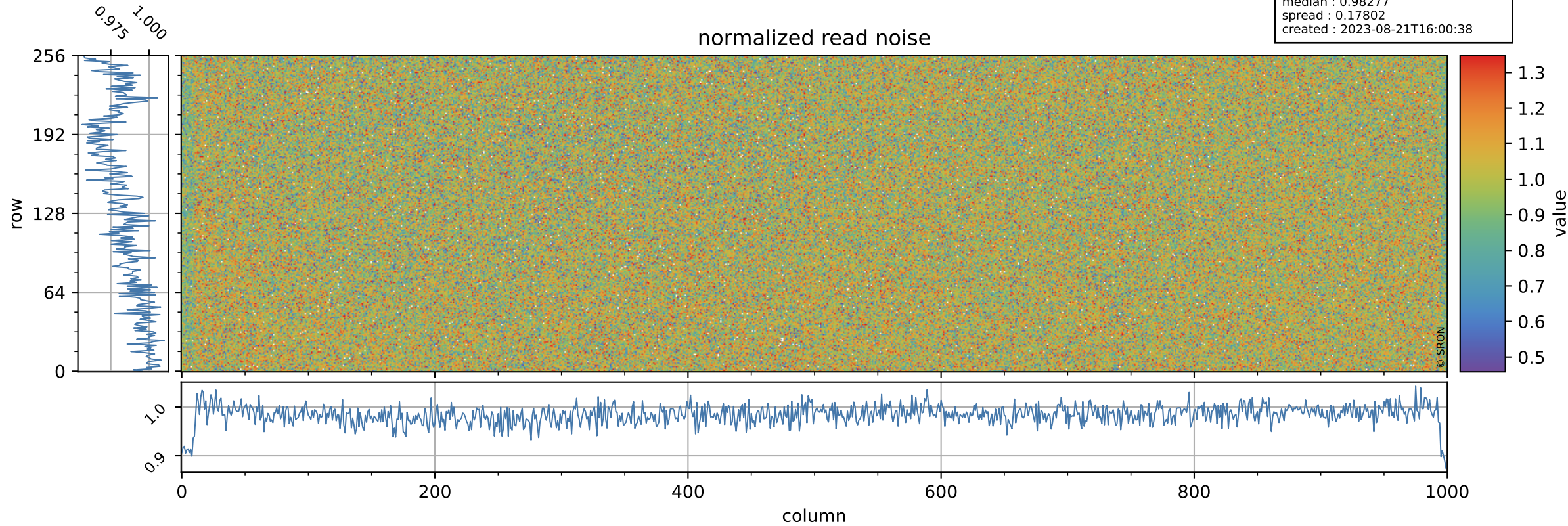
Tropomi SWIR background noise (swir)

orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
median : 1.1299 e
spread : 0.065028 e
created : 2023-08-21T16:00:38



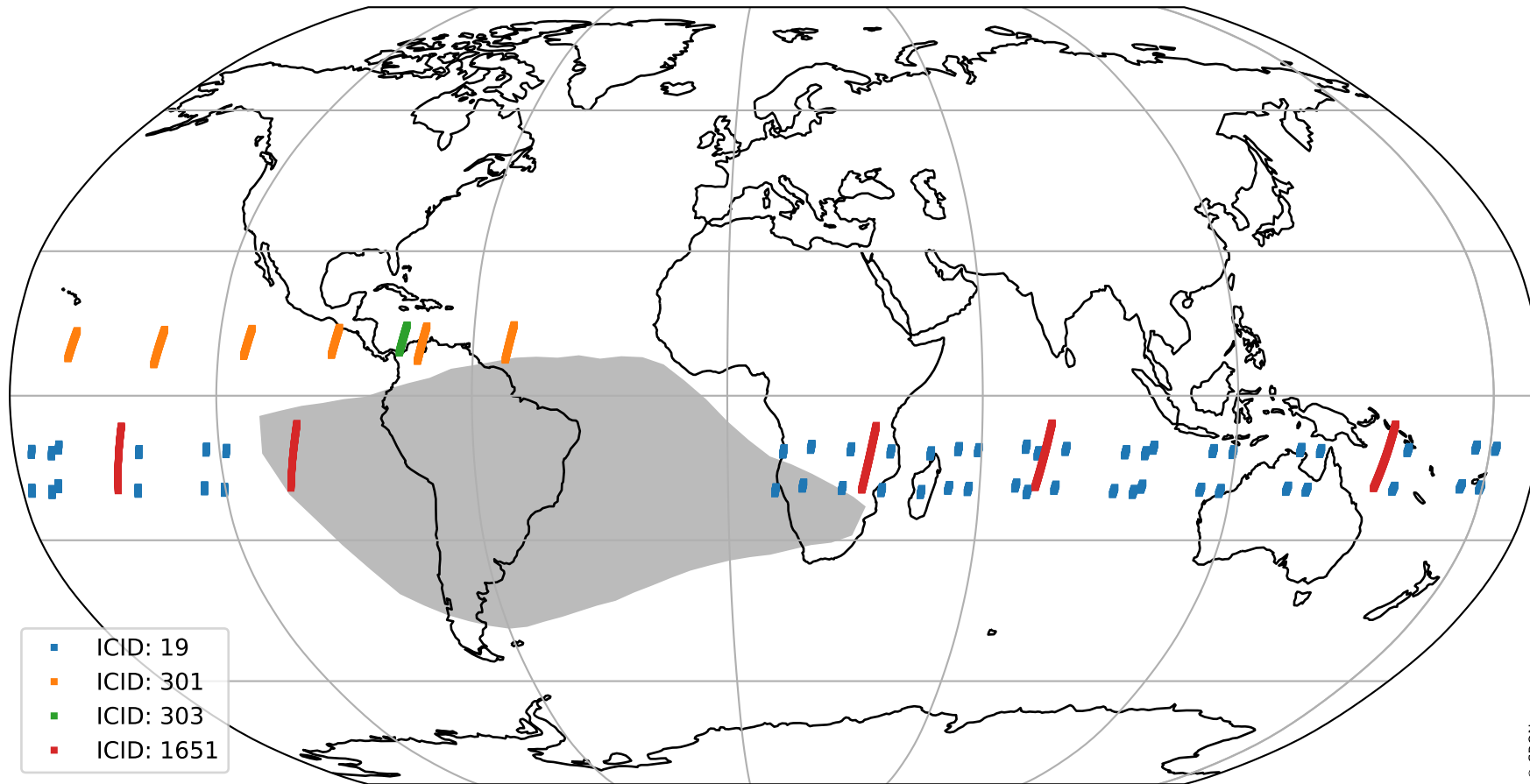
Tropomi SWIR background noise (swir)

orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
median : 0.98277
spread : 0.17802
created : 2023-08-21T16:00:38



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

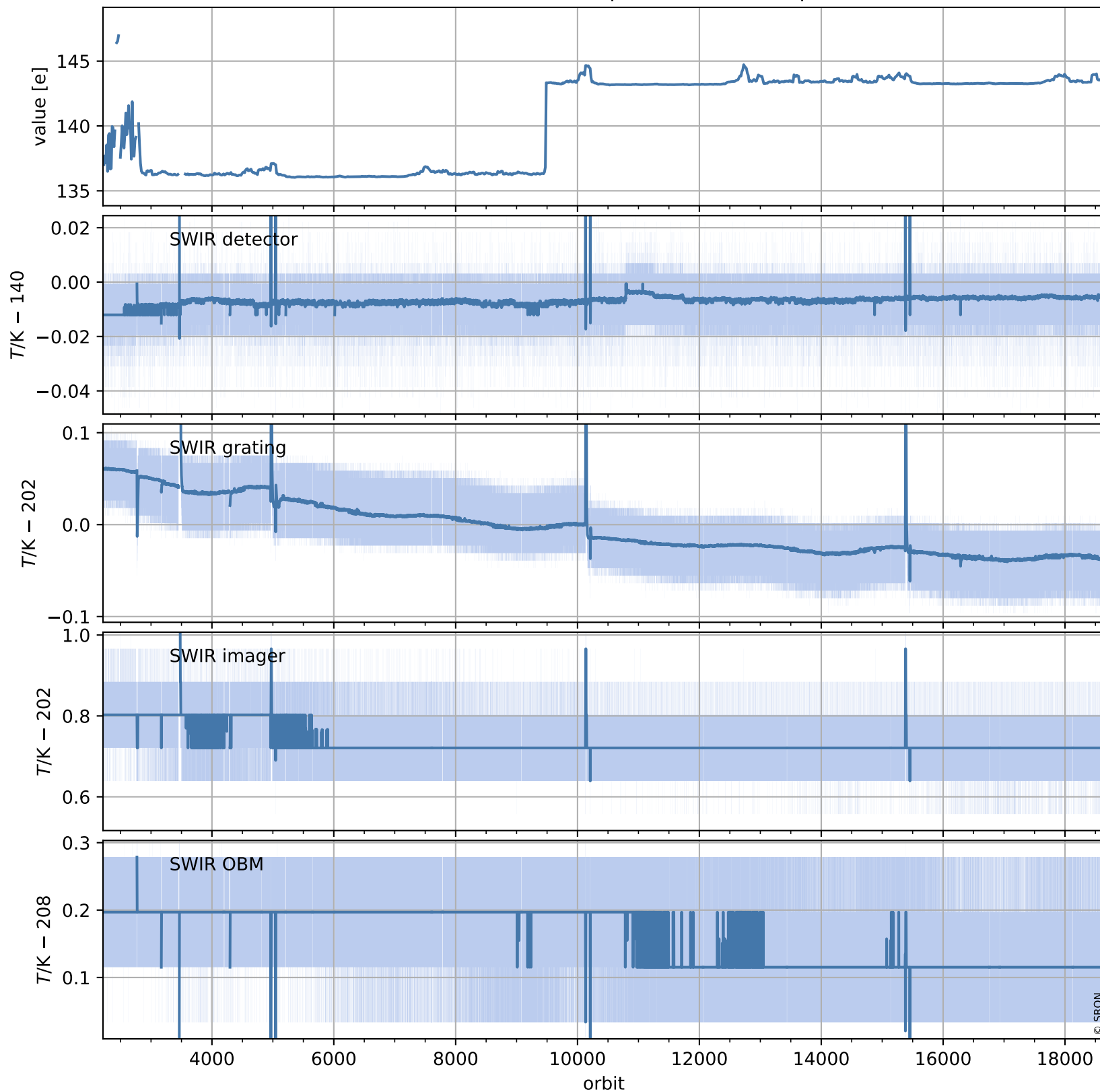
orbits : 12 in [18577, 18652]
coverage : 2021-05-14 / 2021-05-19
created : 2023-08-21T16:00:38



Tropomi SWIR background noise (swir)

orbits : [2212, 18652]
coverage : 2018-03-18 / 2021-05-19
created : 2023-08-21T16:00:39

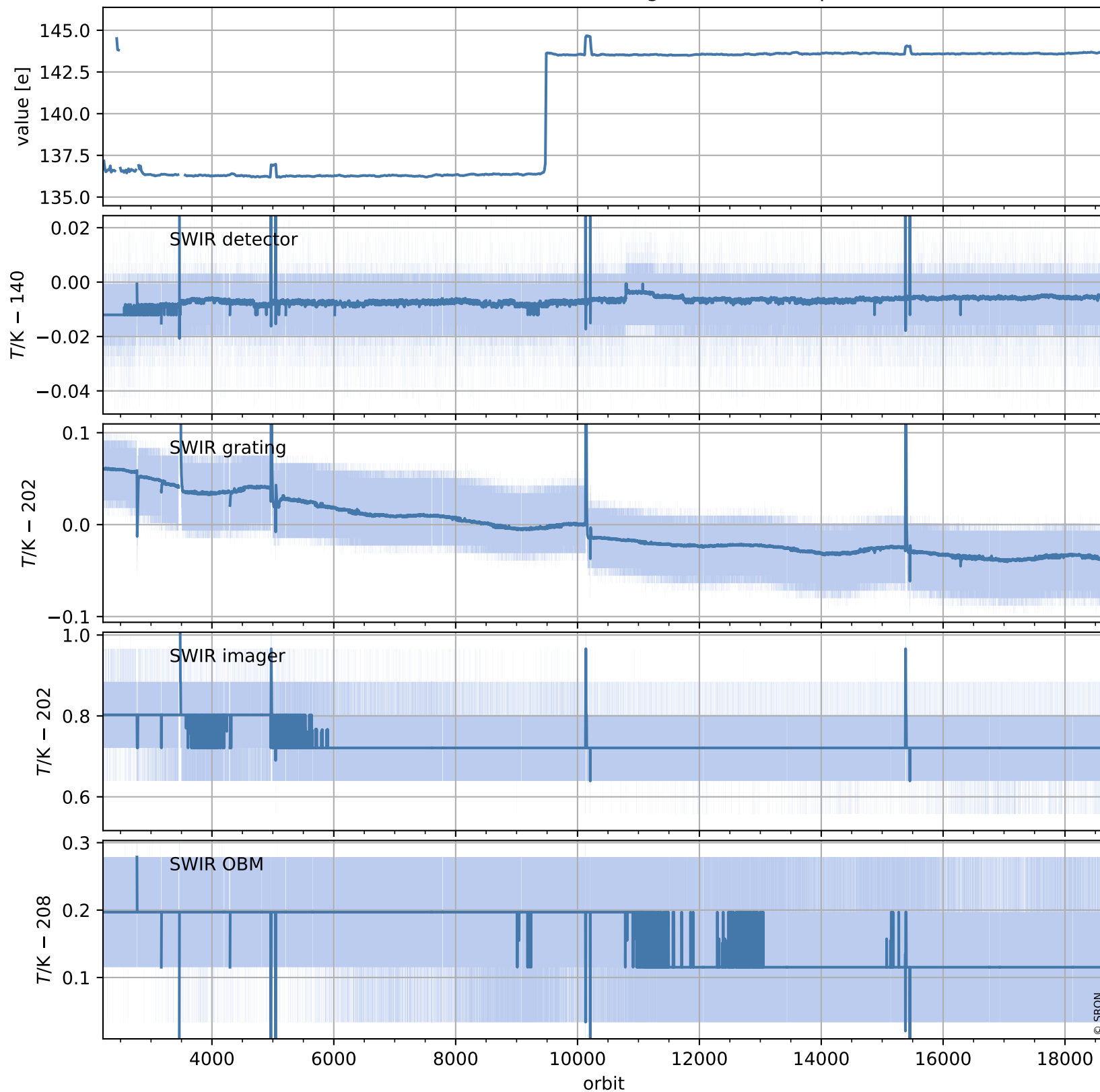
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18652]
coverage : 2018-03-18 / 2021-05-19
created : 2023-08-21T16:00:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18652]
coverage : 2018-03-18 / 2021-05-19
created : 2023-08-21T16:00:40

trend of normalized read-noise & temperatures

