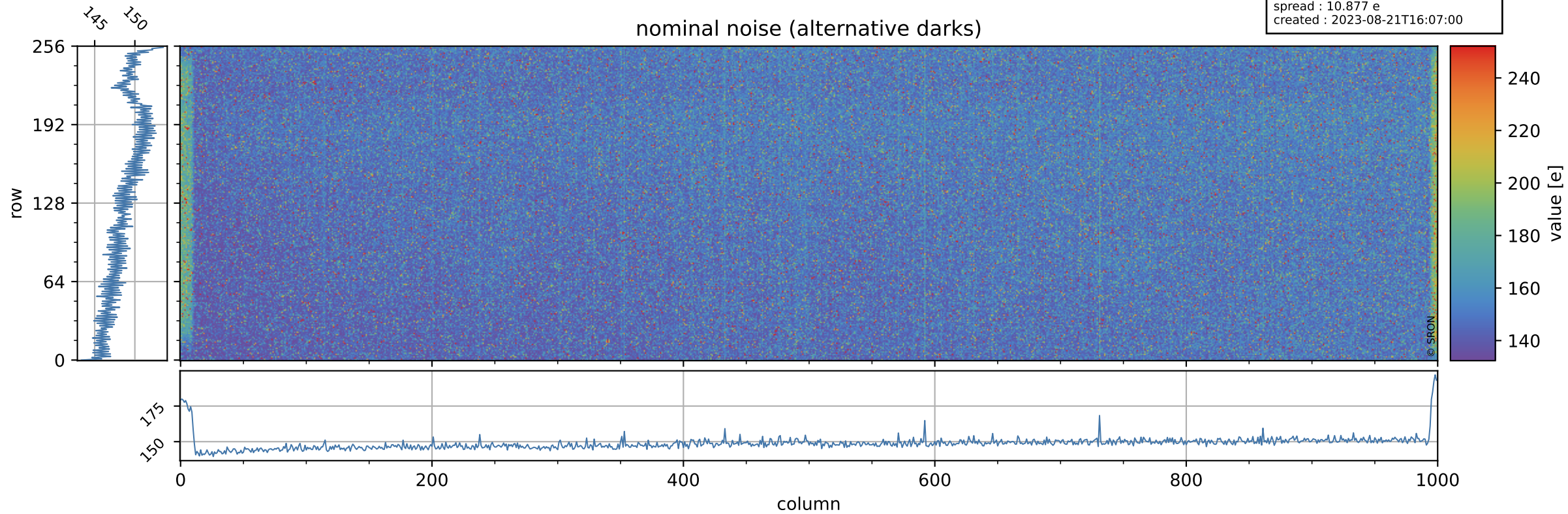


Tropomi SWIR background noise (swir)

orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.877 e
created : 2023-08-21T16:07:00

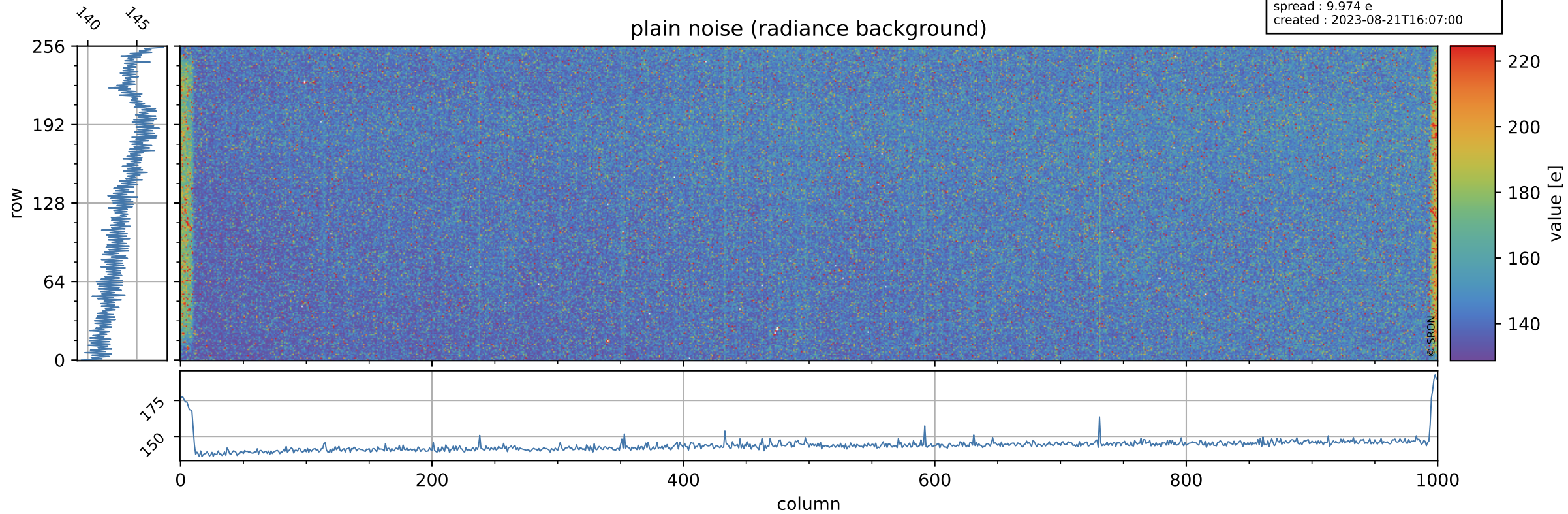
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
n_coad, t_exp : 1, 0.8383
median : 143.61 e
spread : 9.974 e
created : 2023-08-21T16:07:00

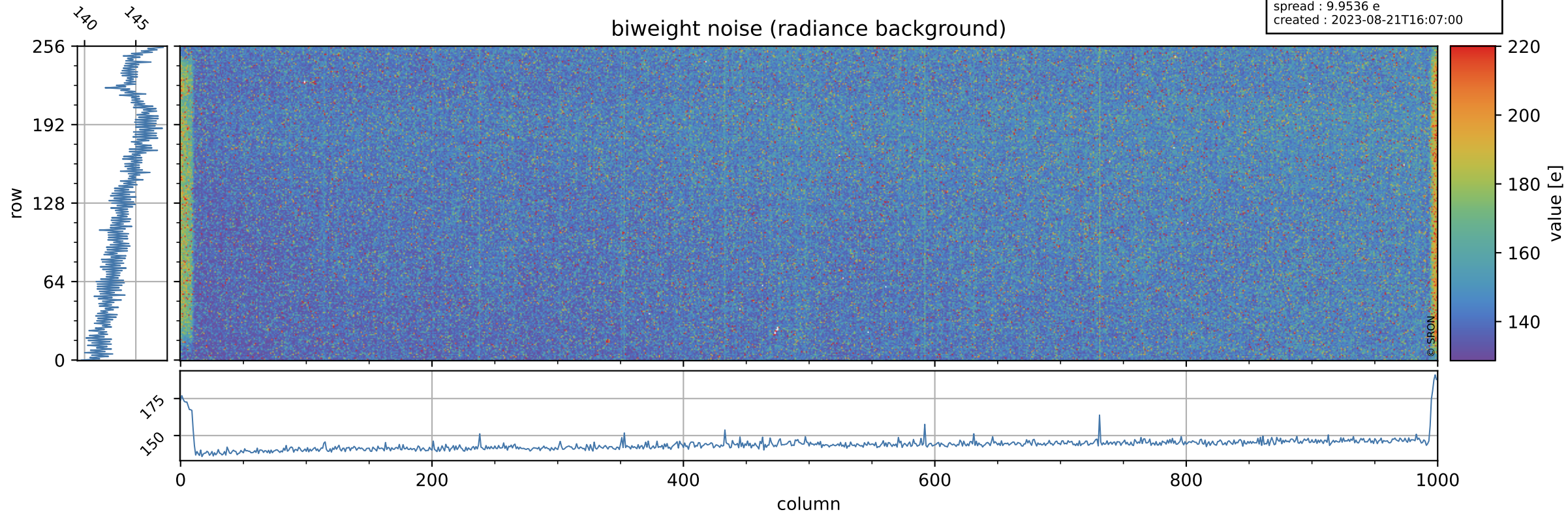
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9536 e
created : 2023-08-21T16:07:00

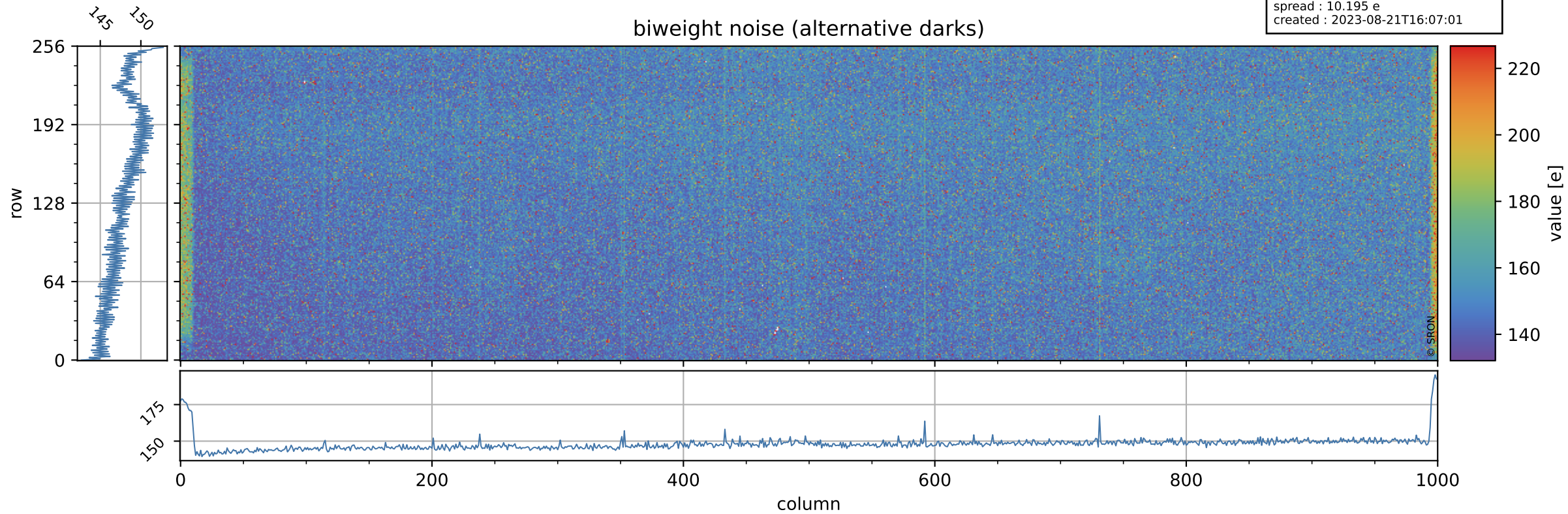
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.195 e
created : 2023-08-21T16:07:01

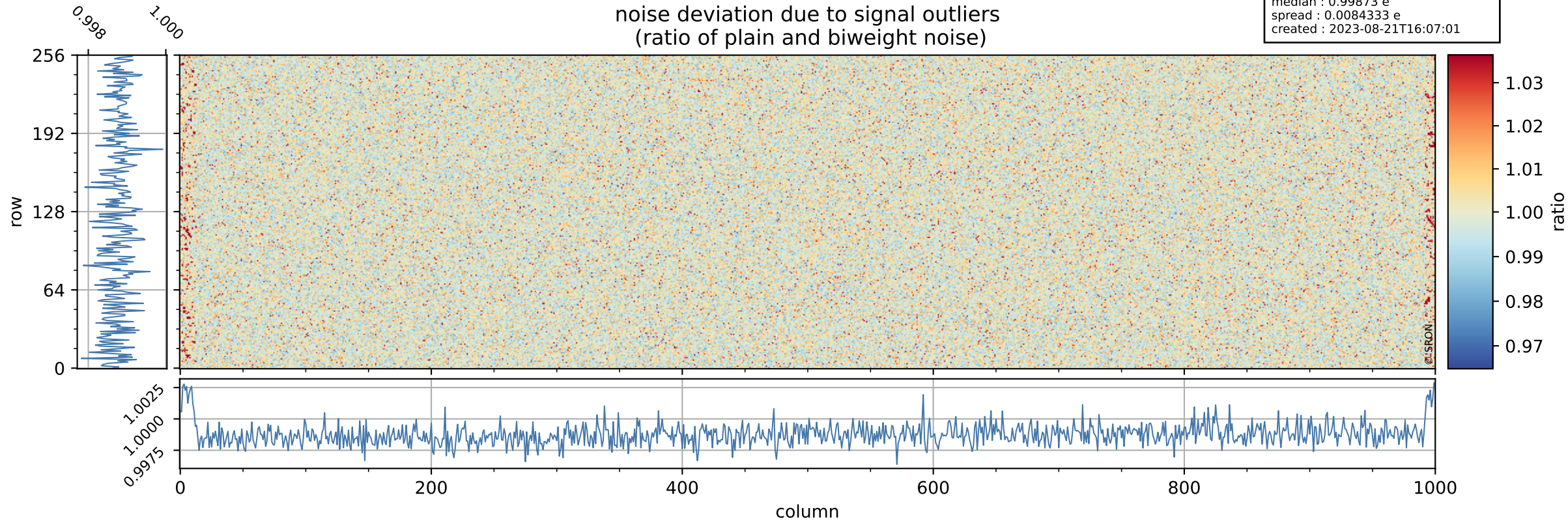
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

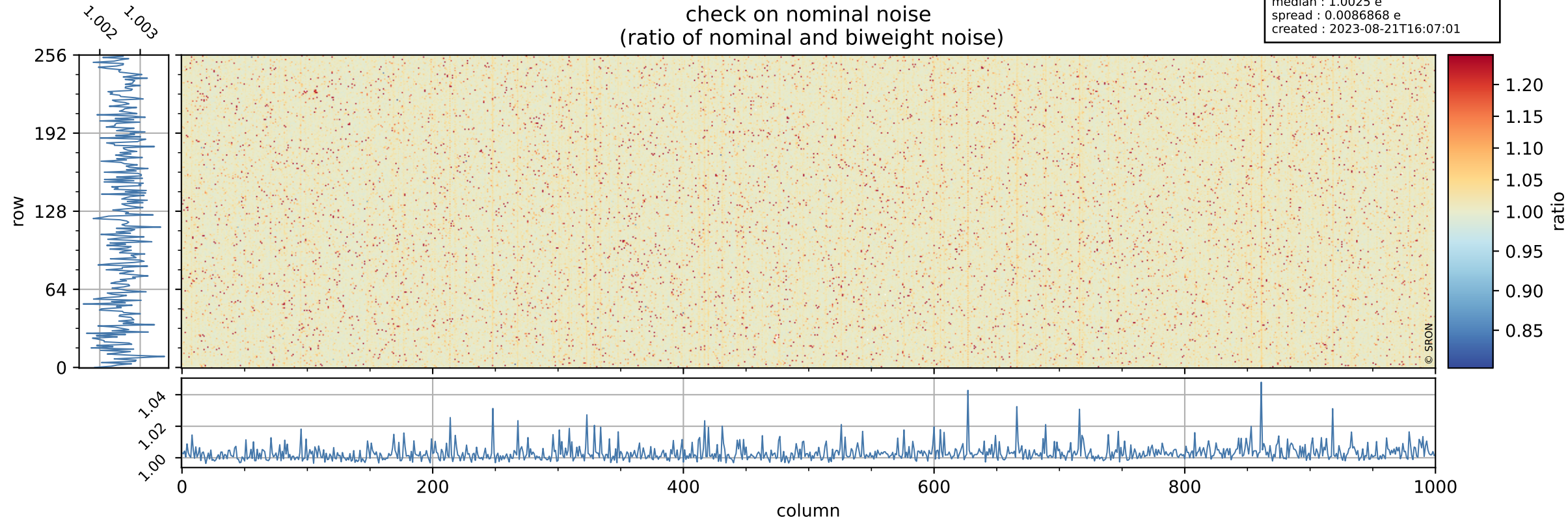
orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
median : 0.99873 e
spread : 0.0084333 e
created : 2023-08-21T16:07:01



Tropomi SWIR background noise (swir)

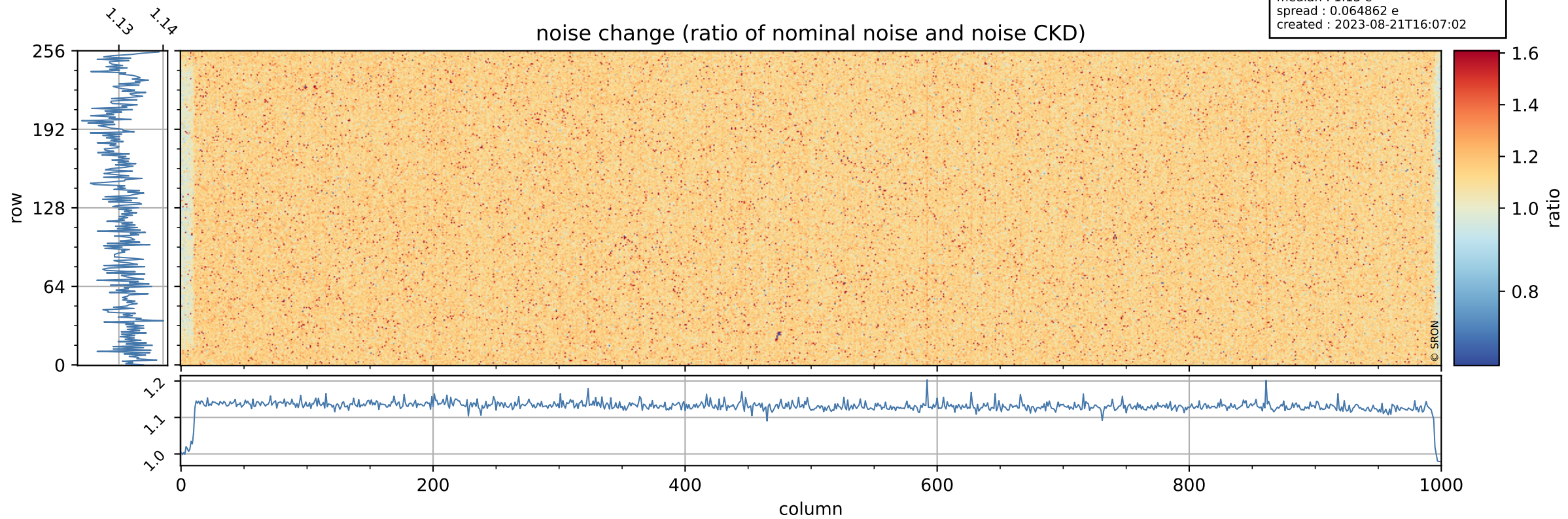
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
median : 1.0025 e
spread : 0.0086868 e
created : 2023-08-21T16:07:01



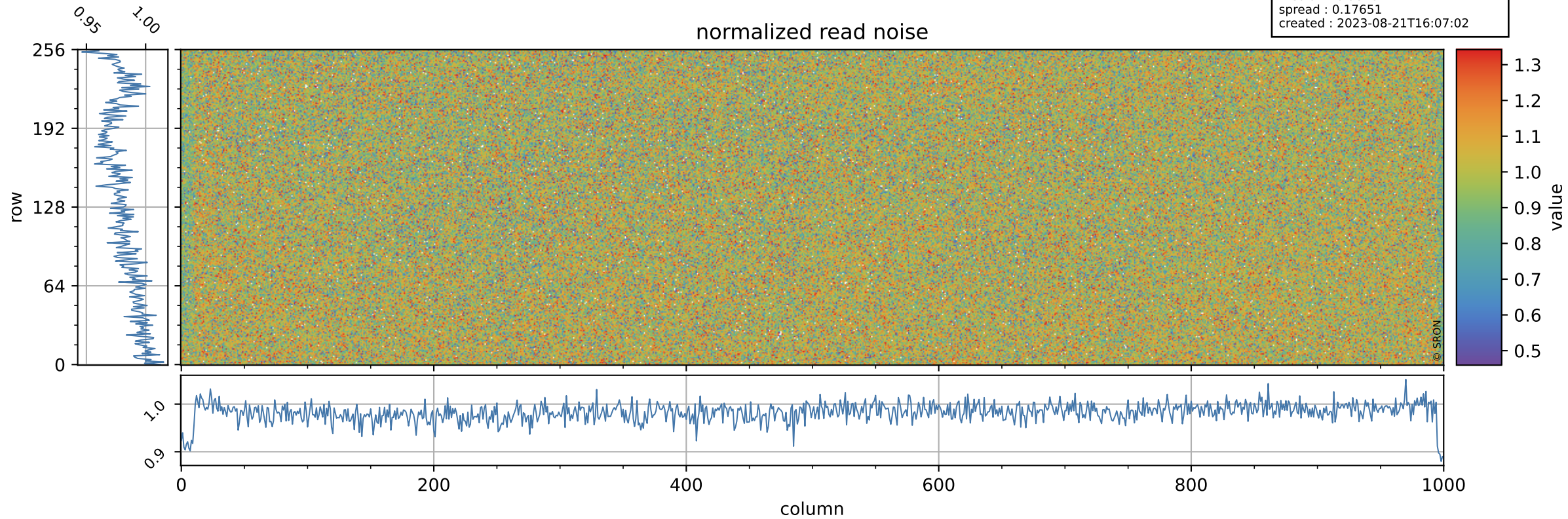
Tropomi SWIR background noise (swir)

orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
median : 1.13 e
spread : 0.064862 e
created : 2023-08-21T16:07:02



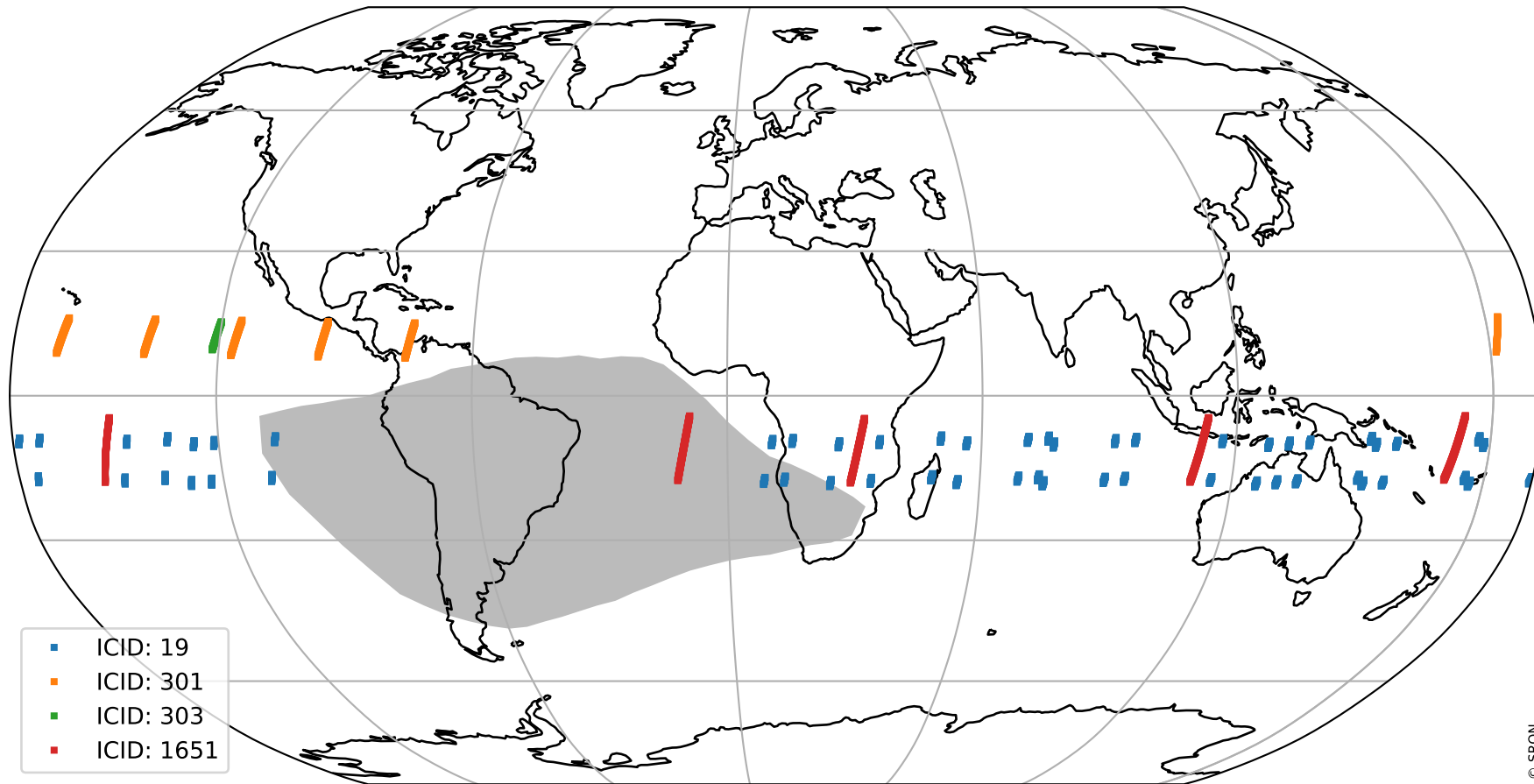
Tropomi SWIR background noise (swir)

orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
median : 0.98101
spread : 0.17651
created : 2023-08-21T16:07:02



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

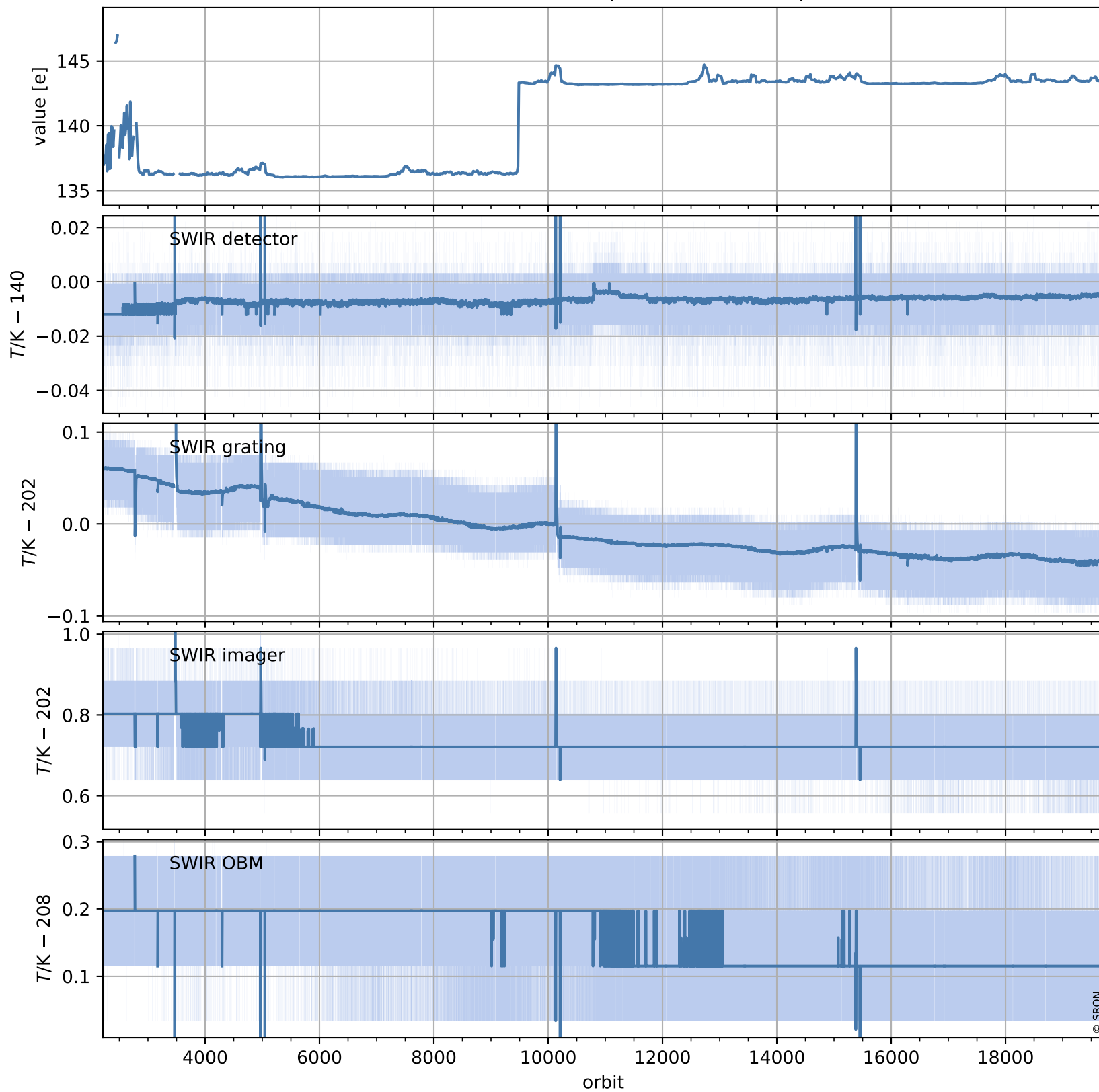
orbits : 12 in [19642, 19717]
coverage : 2021-07-28 / 2021-08-02
created : 2023-08-21T16:07:02



Tropomi SWIR background noise (swir)

orbits : [2212, 19717]
coverage : 2018-03-18 / 2021-08-02
created : 2023-08-21T16:07:03

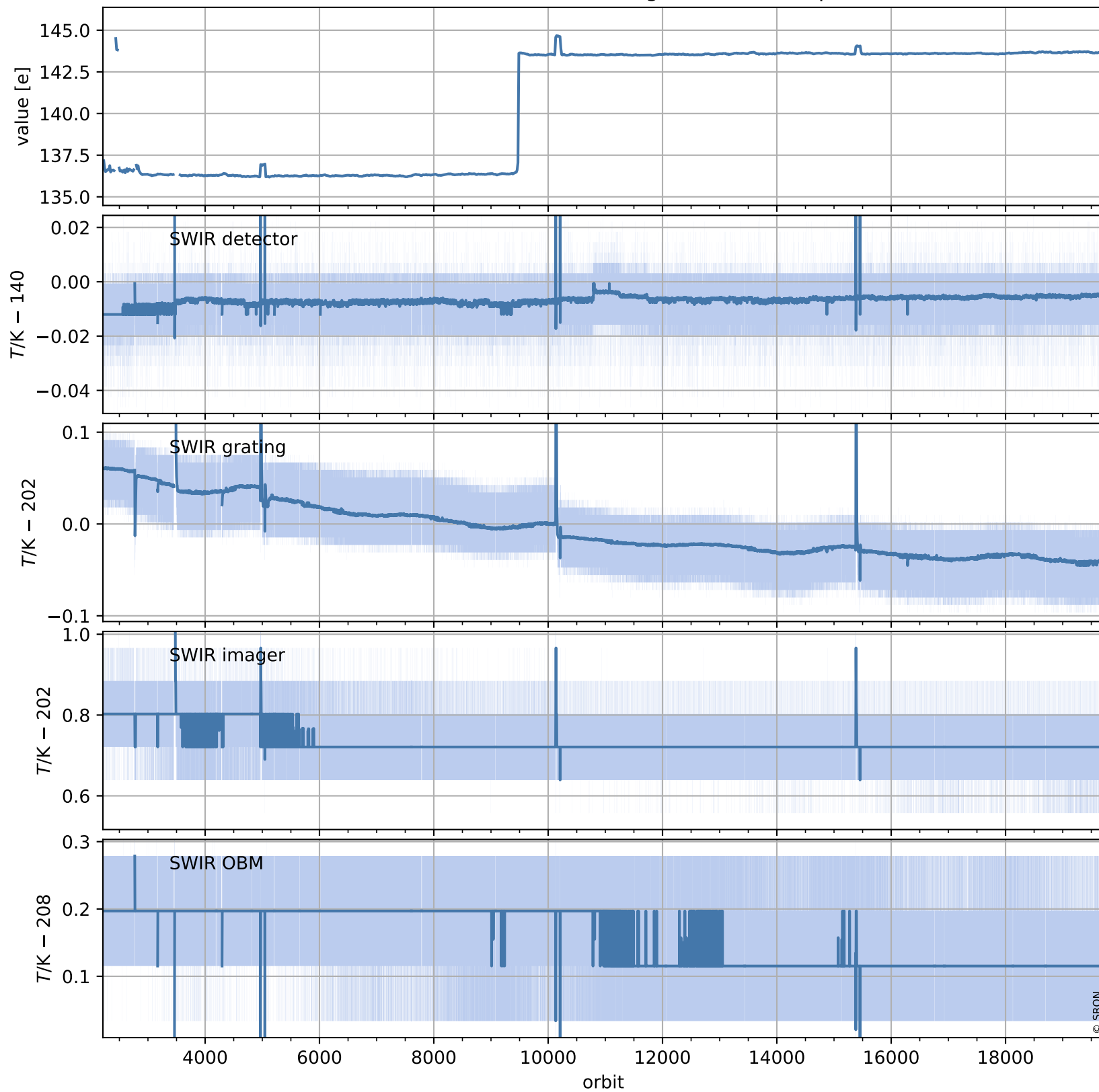
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19717]
coverage : 2018-03-18 / 2021-08-02
created : 2023-08-21T16:07:03

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19717]
coverage : 2018-03-18 / 2021-08-02
created : 2023-08-21T16:07:04

trend of normalized read-noise & temperatures

