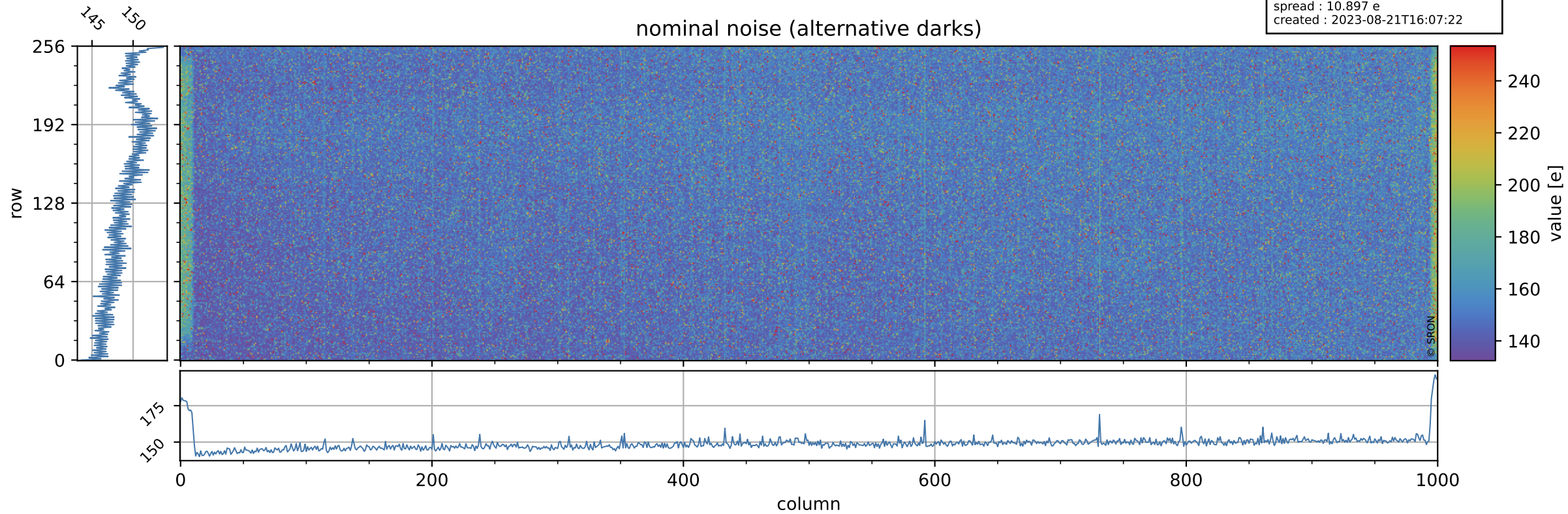


Tropomi SWIR background noise (swir)

orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.897 e
created : 2023-08-21T16:07:22

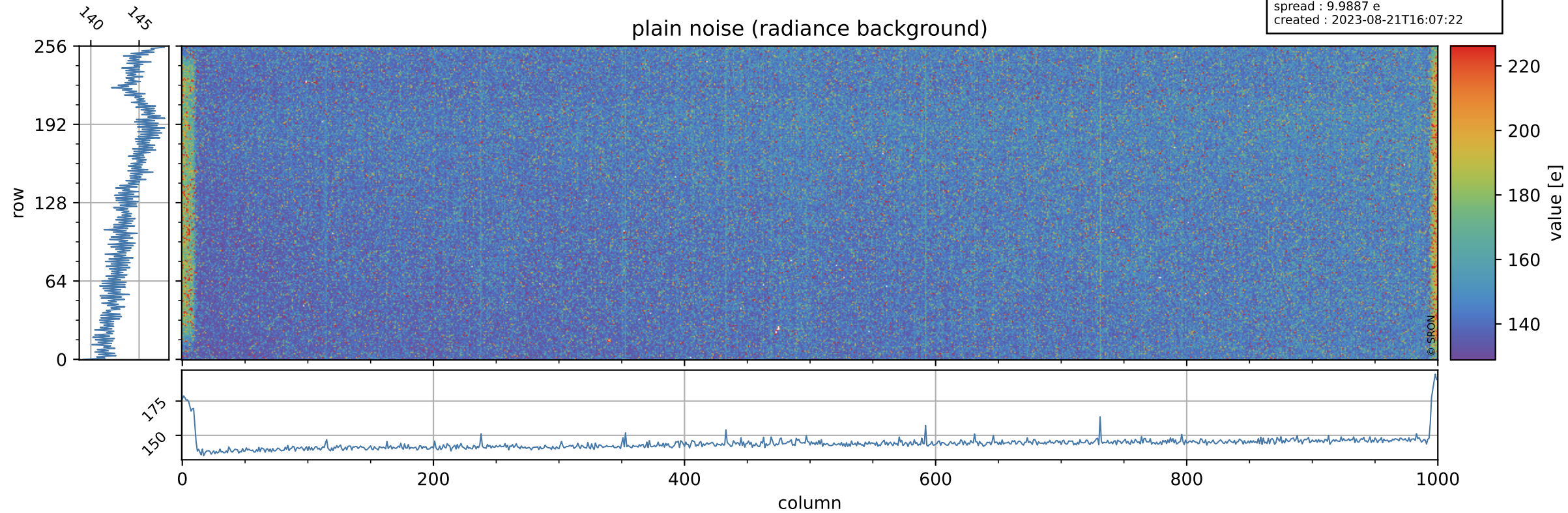
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9887 e
created : 2023-08-21T16:07:22

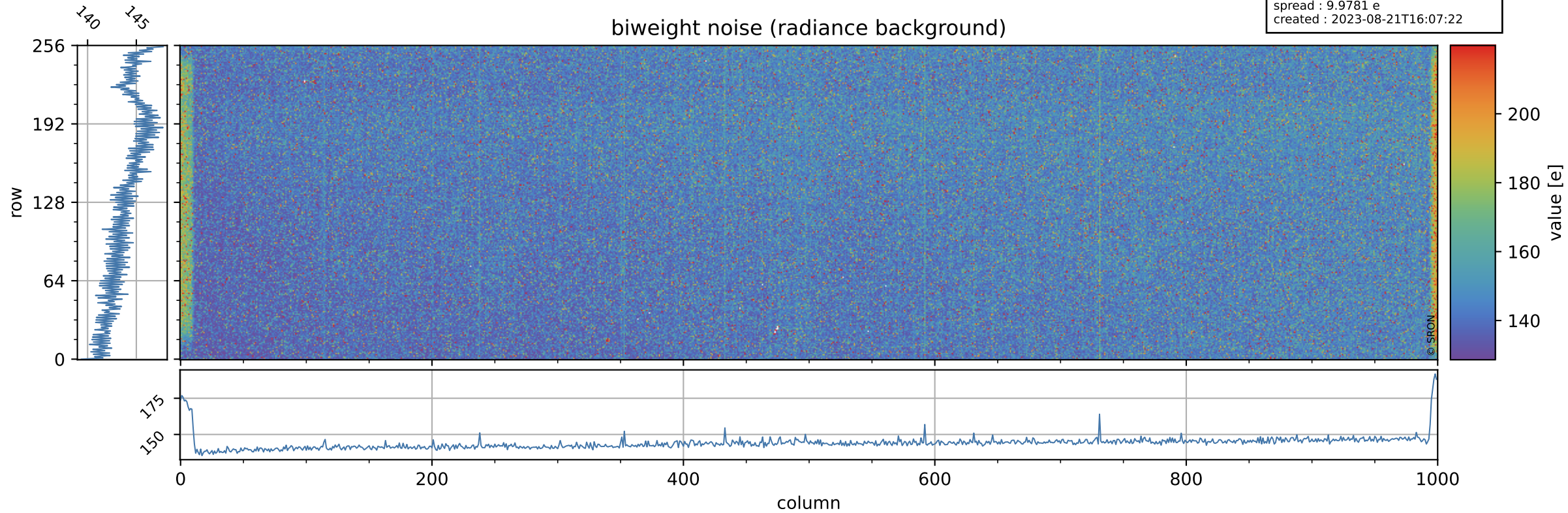
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.9781 e
created : 2023-08-21T16:07:22

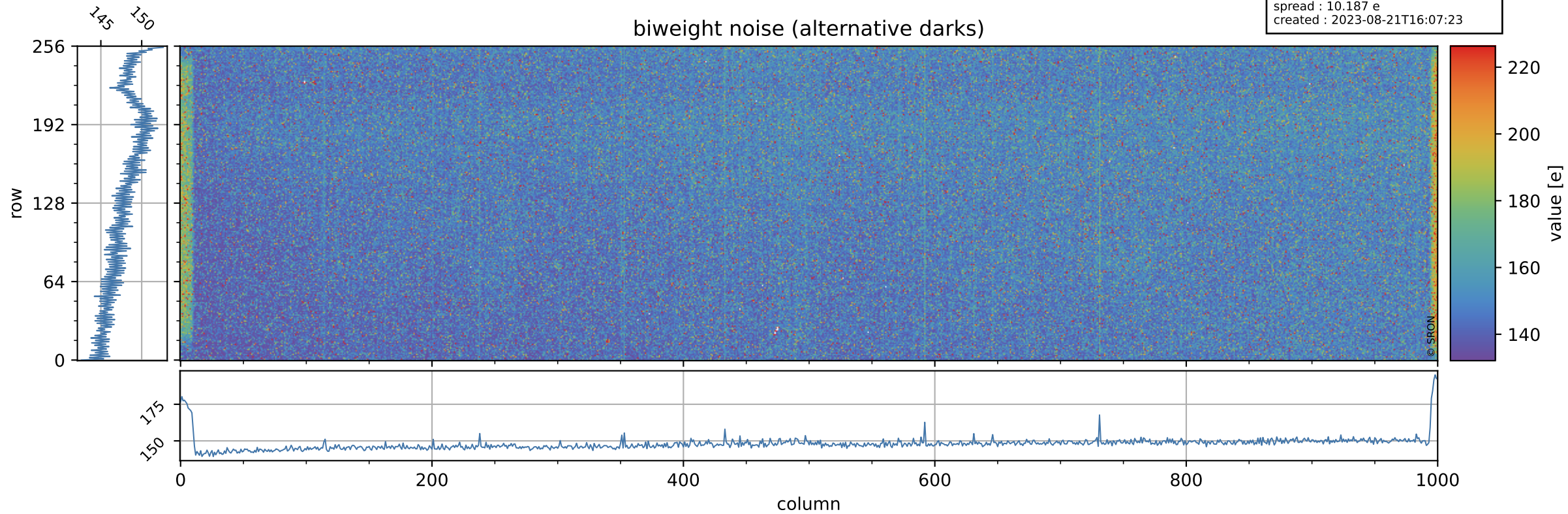
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.187 e
created : 2023-08-21T16:07:23

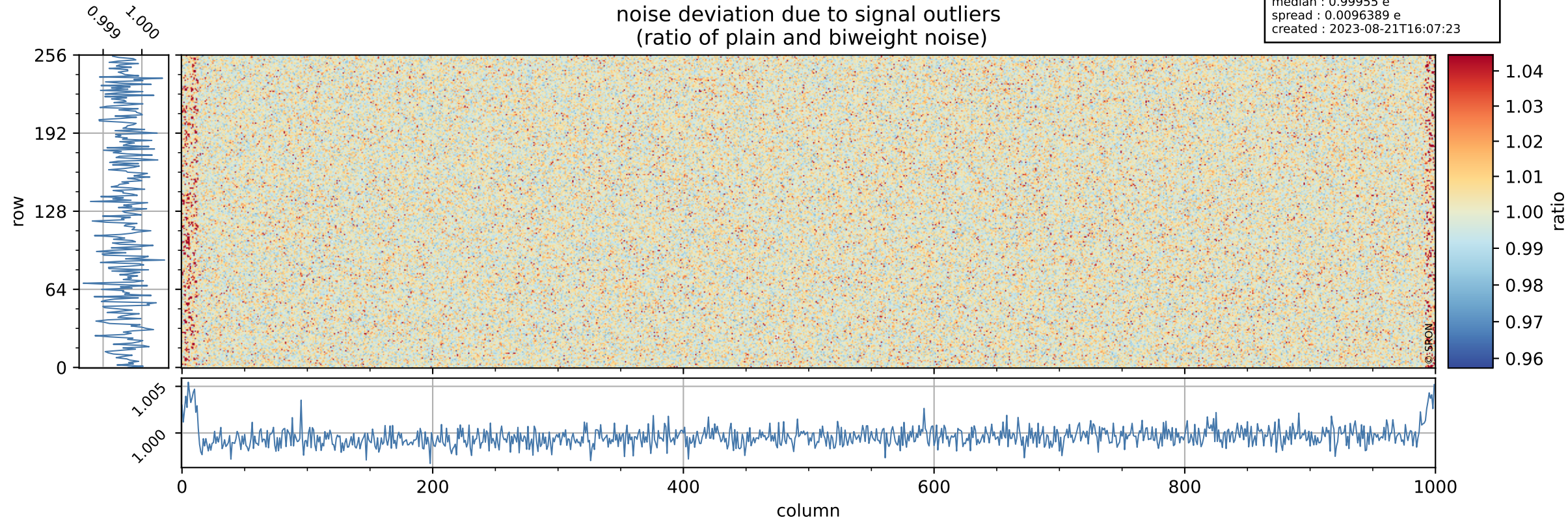
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

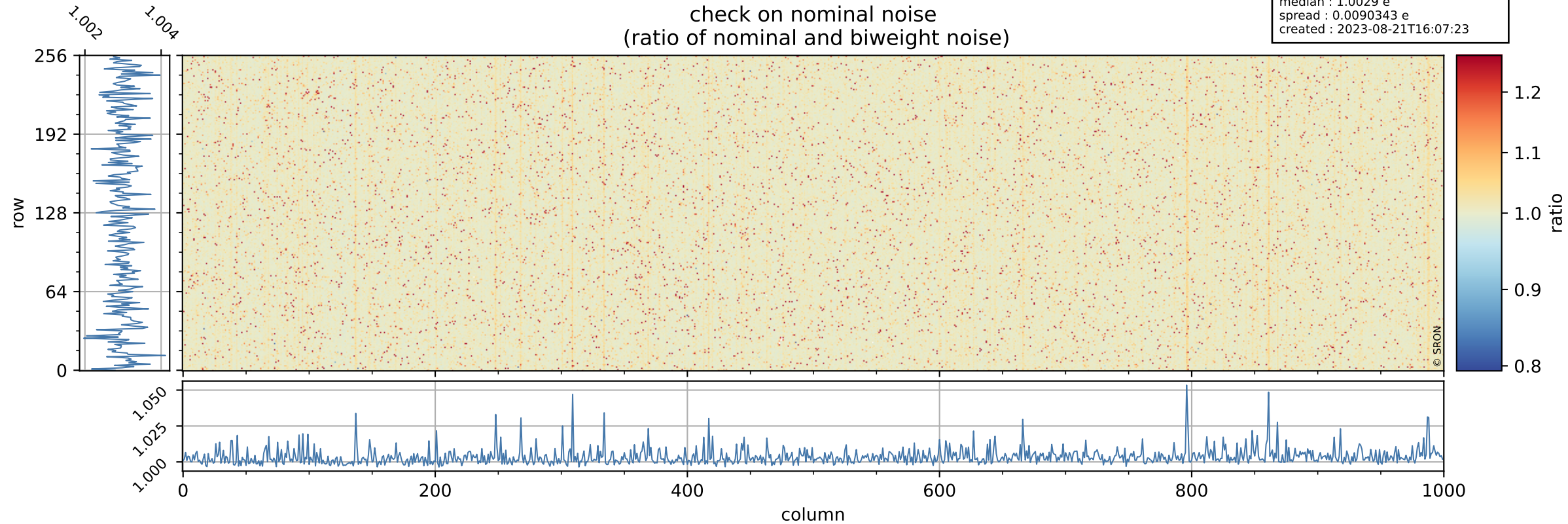
orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
median : 0.99955 e
spread : 0.0096389 e
created : 2023-08-21T16:07:23



Tropomi SWIR background noise (swir)

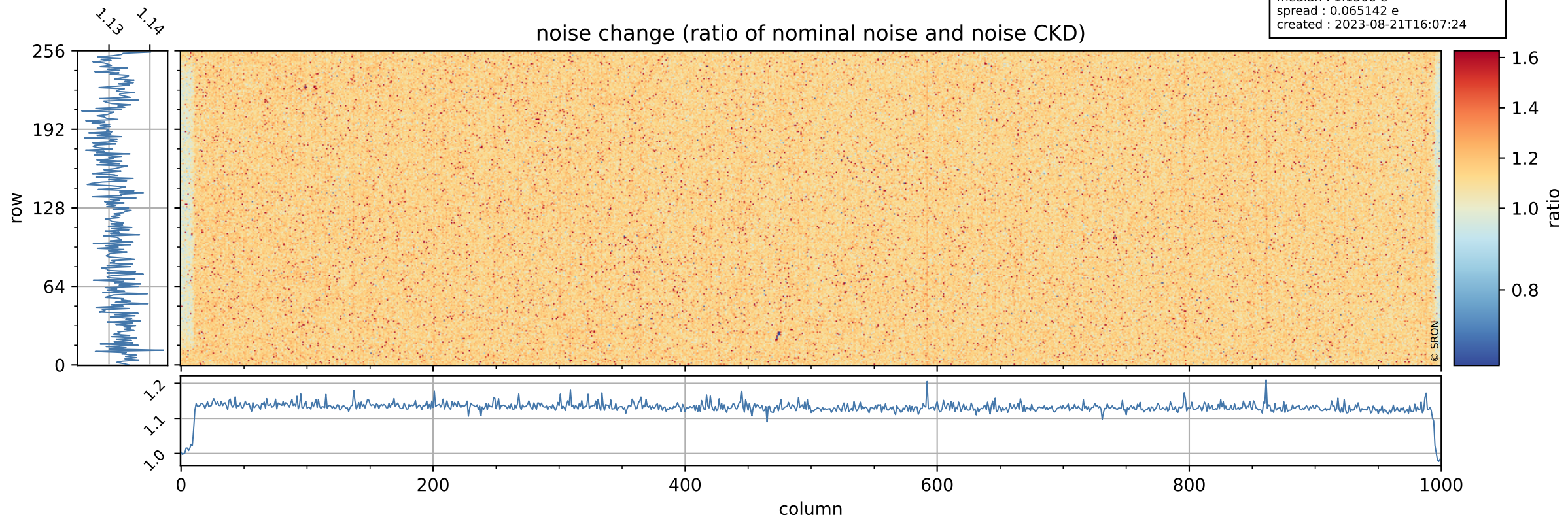
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
median : 1.0029 e
spread : 0.0090343 e
created : 2023-08-21T16:07:23



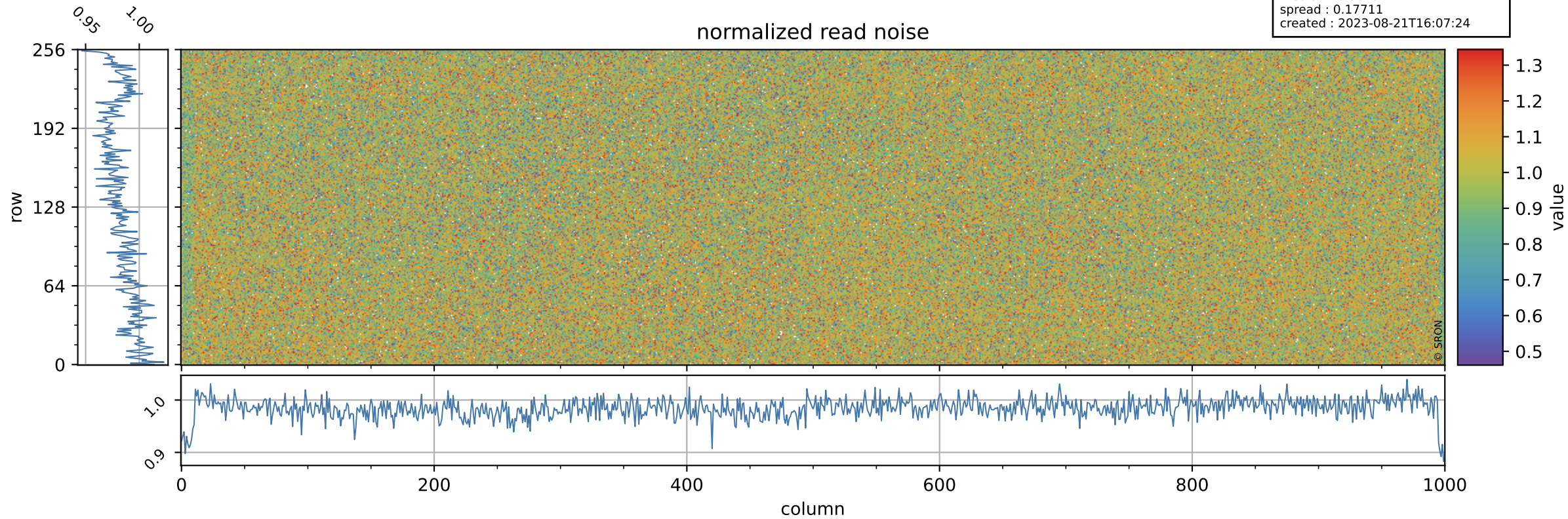
Tropomi SWIR background noise (swir)

orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
median : 1.1306 e
spread : 0.065142 e
created : 2023-08-21T16:07:24



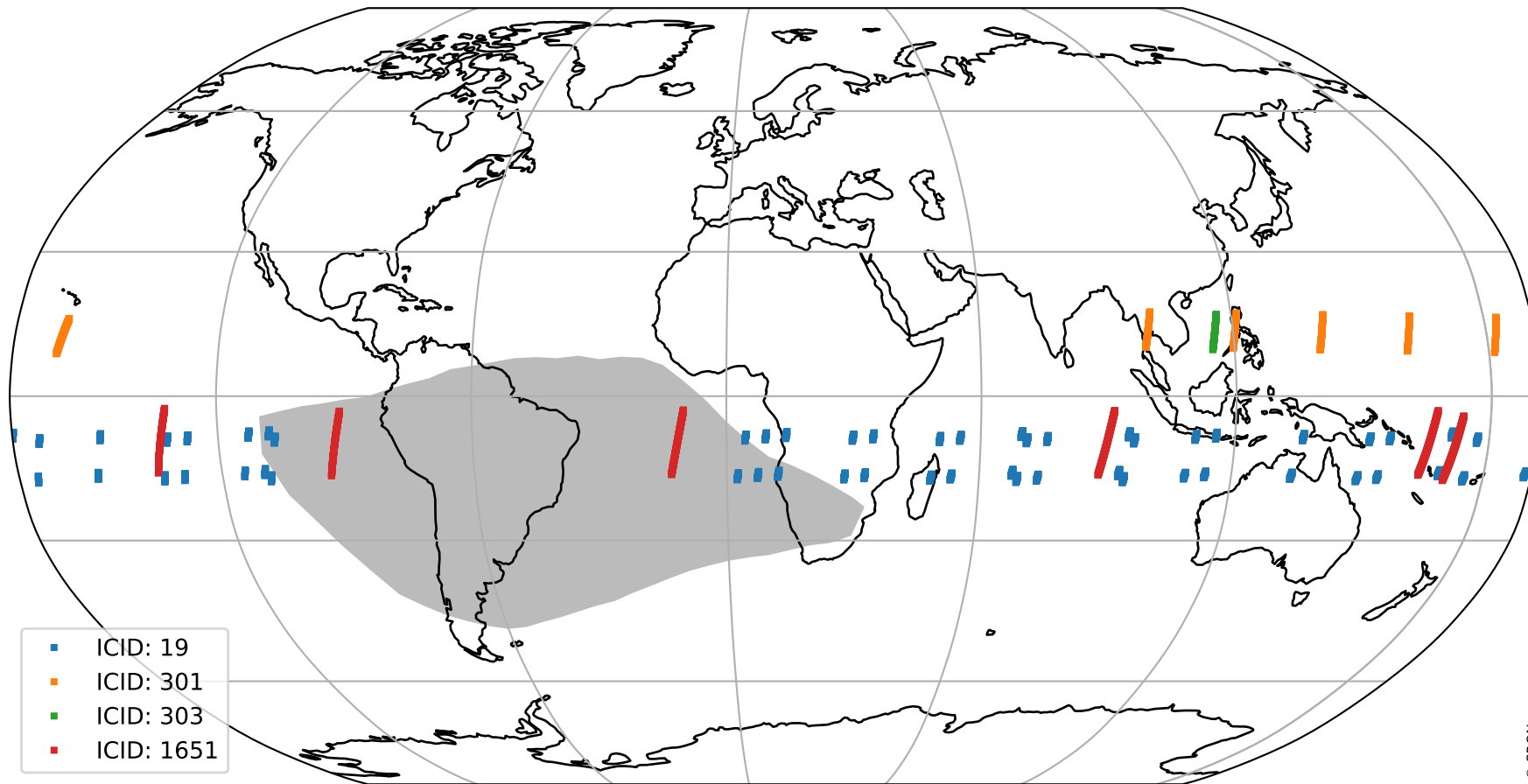
Tropomi SWIR background noise (swir)

orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
median : 0.98292
spread : 0.17711
created : 2023-08-21T16:07:24



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

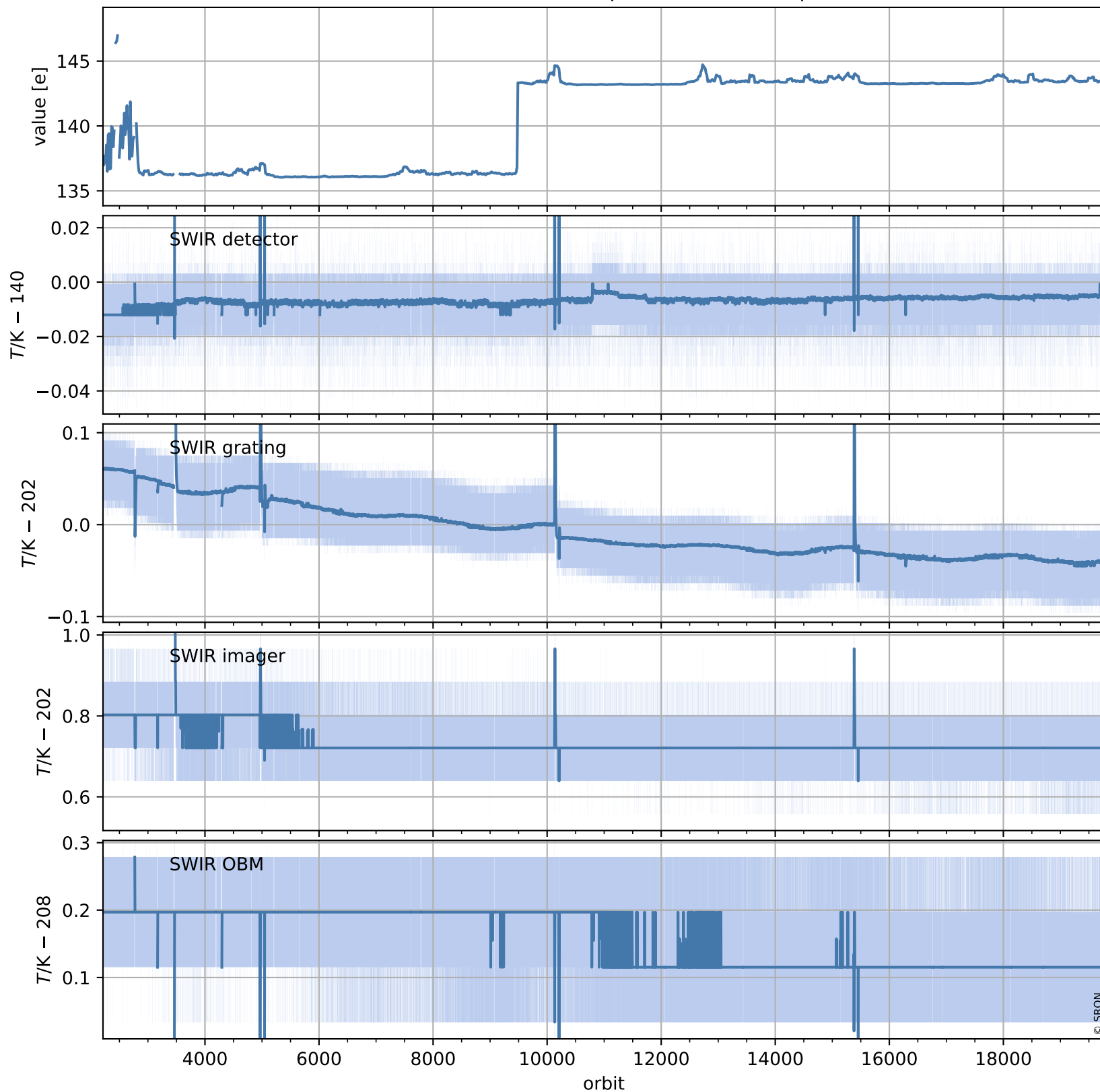
orbits : 13 in [19687, 19777]
coverage : 2021-08-01 / 2021-08-07
created : 2023-08-21T16:07:24



Tropomi SWIR background noise (swir)

orbits : [2212, 19777]
coverage : 2018-03-18 / 2021-08-07
created : 2023-08-21T16:07:25

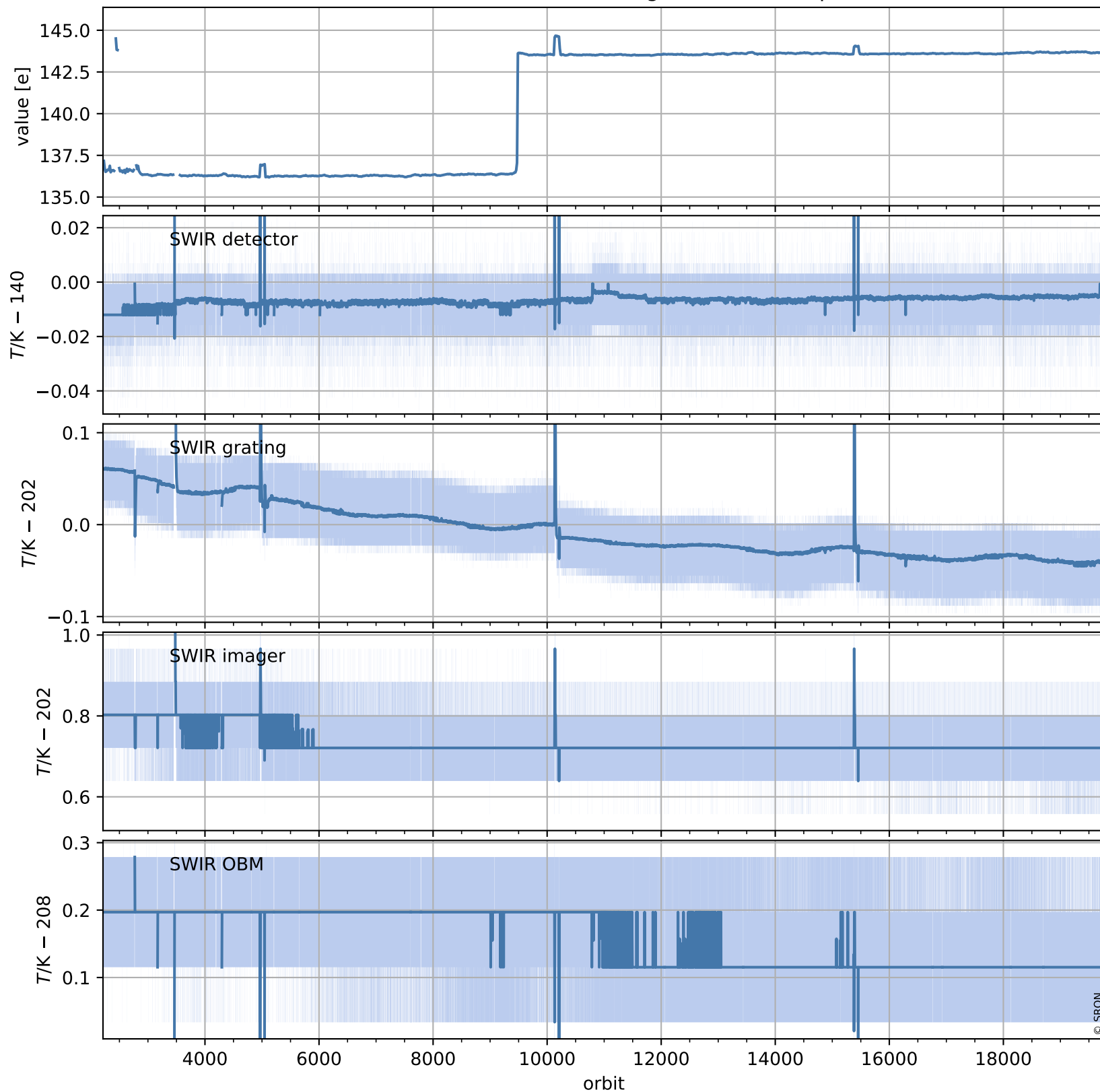
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19777]
coverage : 2018-03-18 / 2021-08-07
created : 2023-08-21T16:07:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19777]
coverage : 2018-03-18 / 2021-08-07
created : 2023-08-21T16:07:26

trend of normalized read-noise & temperatures

