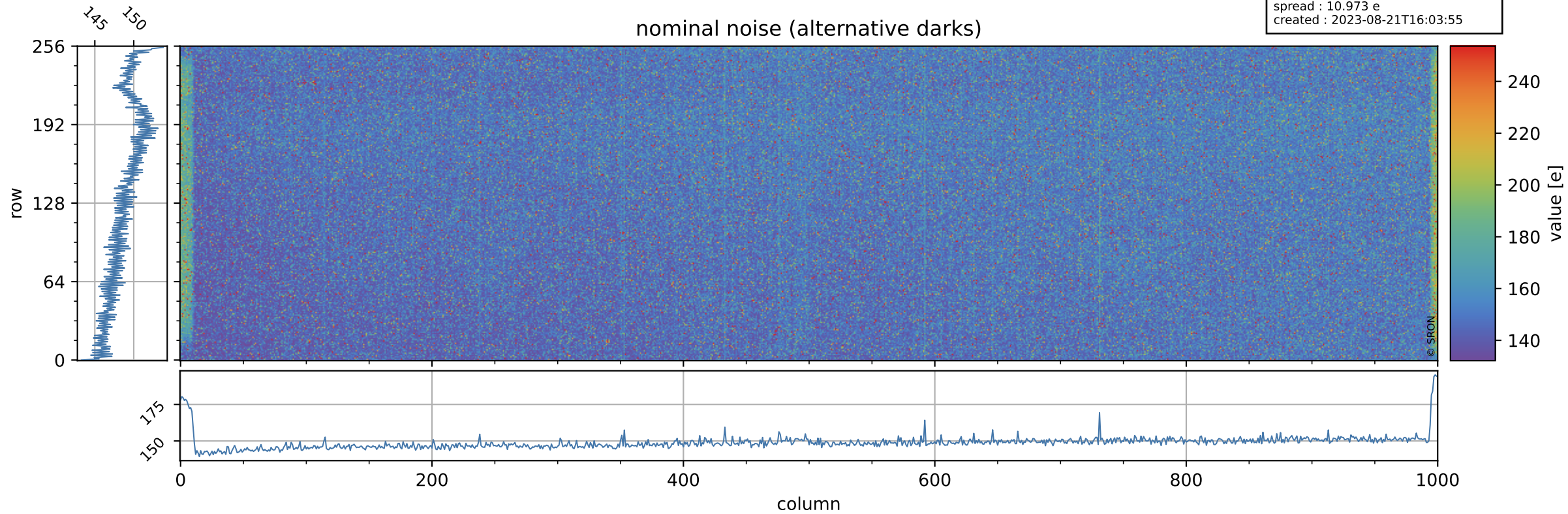


Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.973 e
created : 2023-08-21T16:03:55

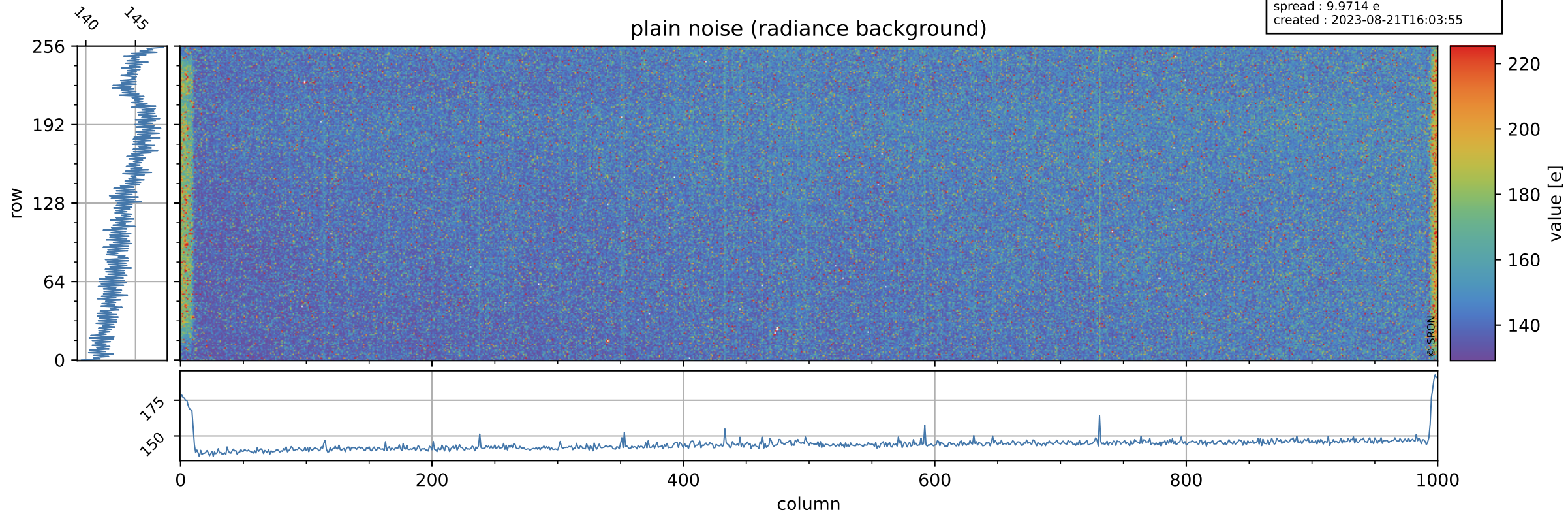
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
n_coad, t_exp : 1, 0.8383
median : 143.96 e
spread : 9.9714 e
created : 2023-08-21T16:03:55

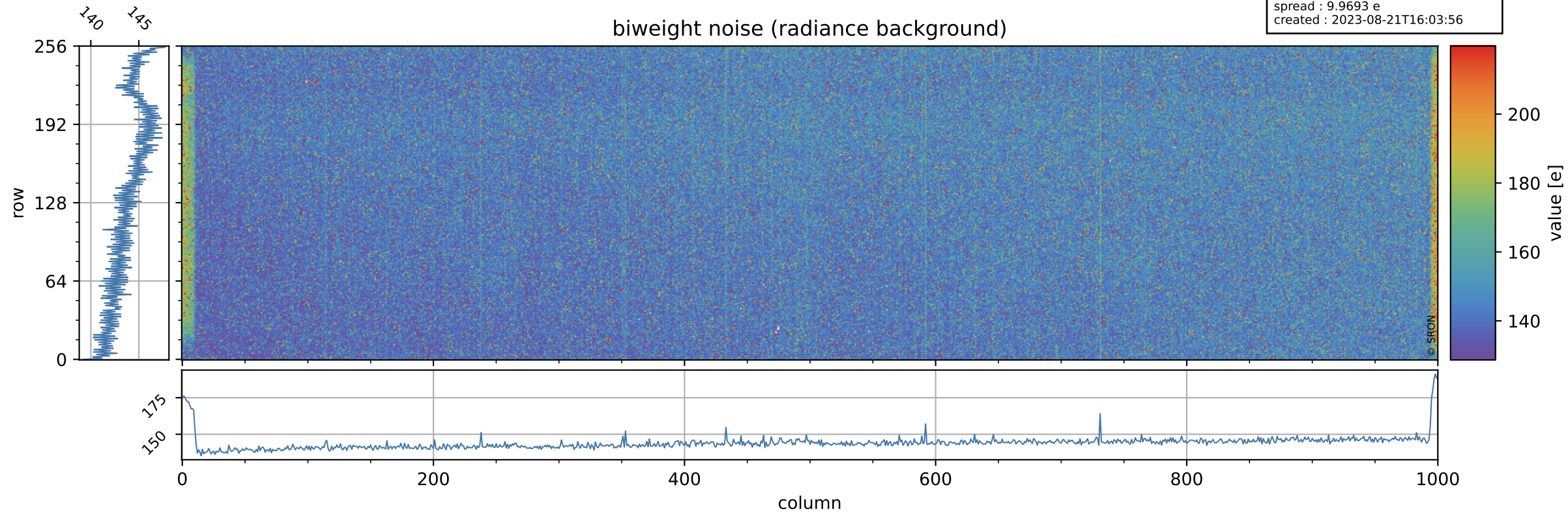
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9693 e
created : 2023-08-21T16:03:56

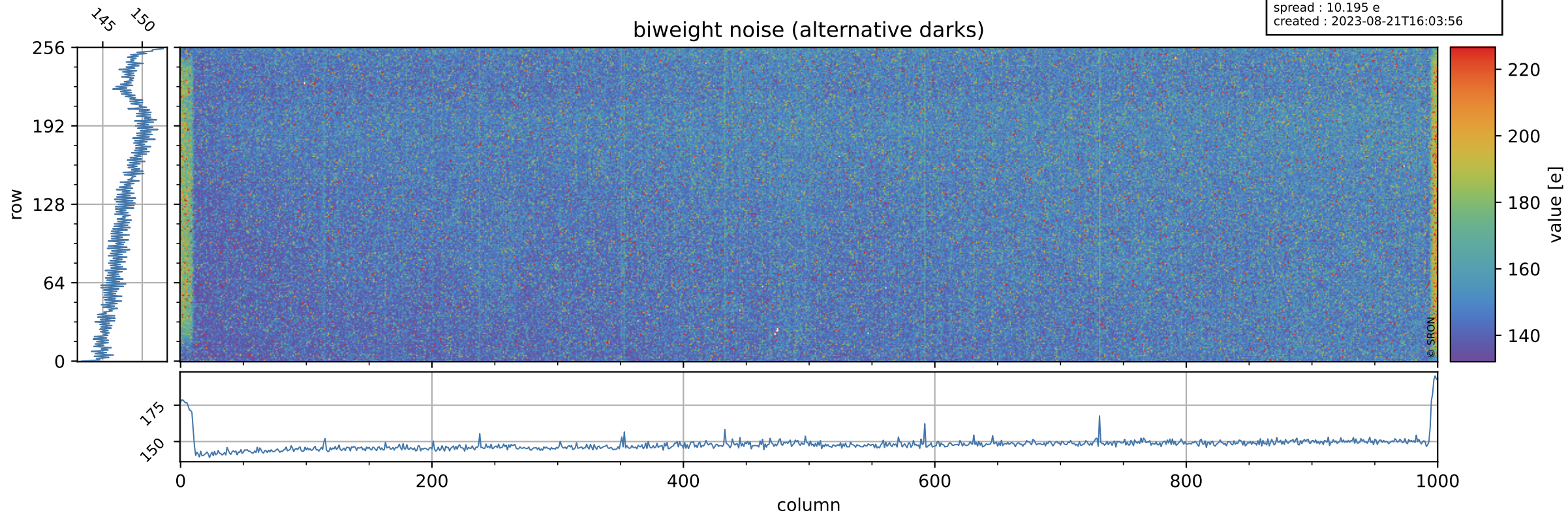
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.195 e
created : 2023-08-21T16:03:56

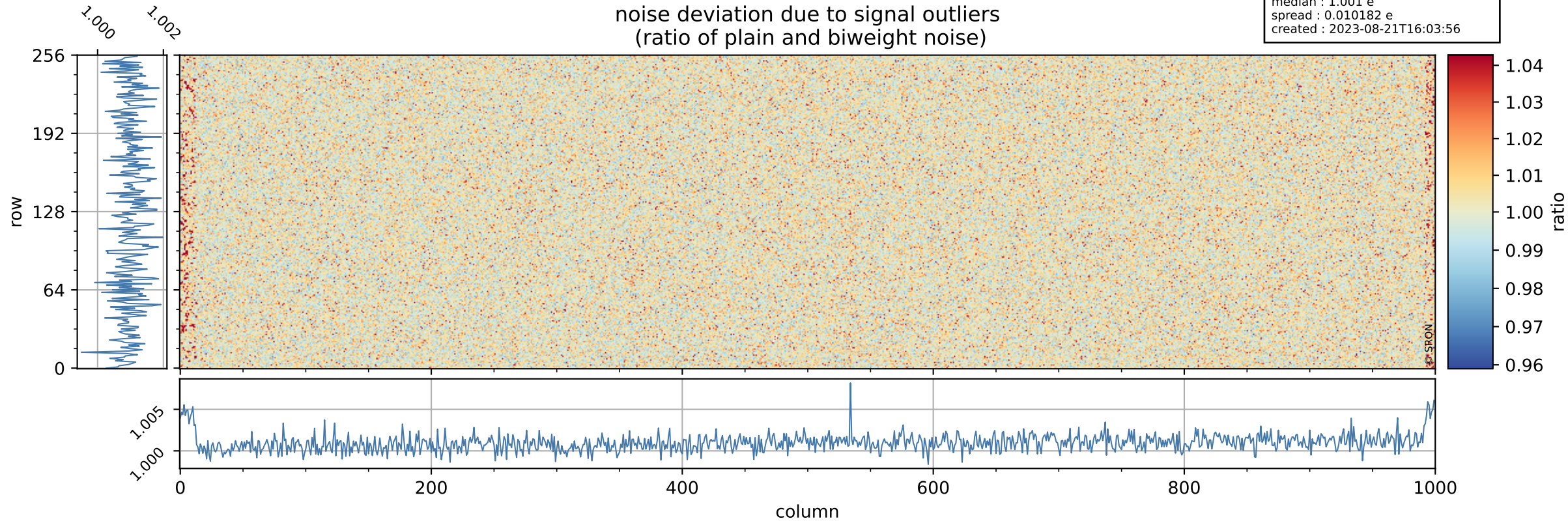
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

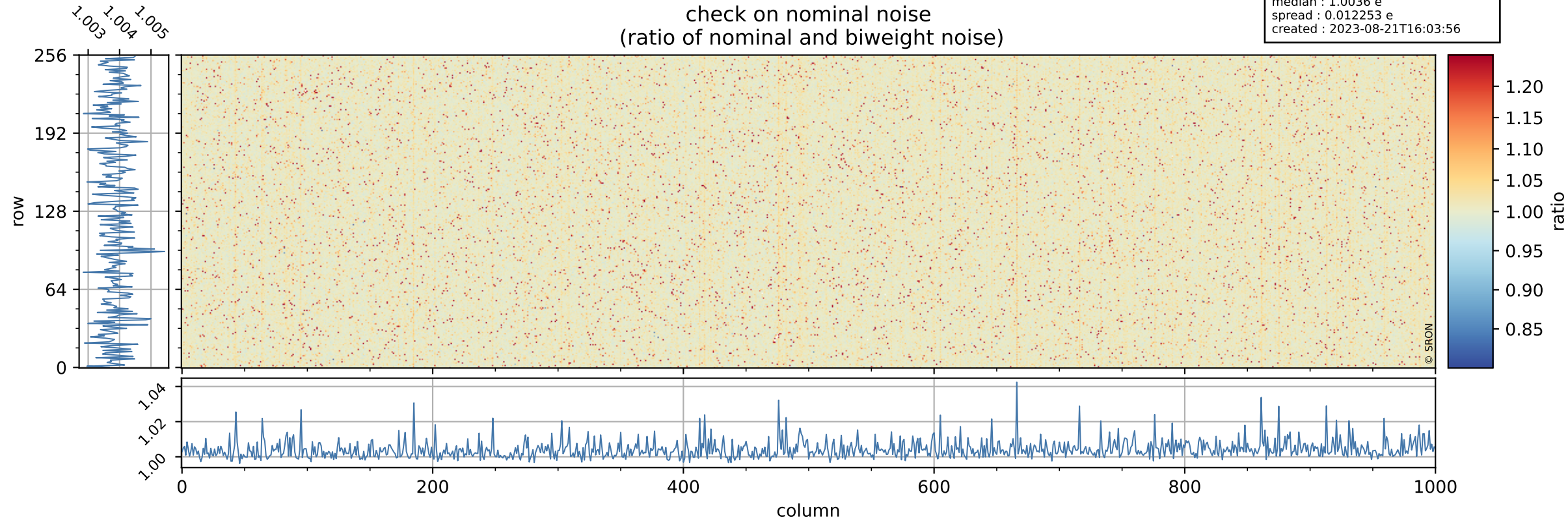
orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
median : 1.001 e
spread : 0.010182 e
created : 2023-08-21T16:03:56



Tropomi SWIR background noise (swir)

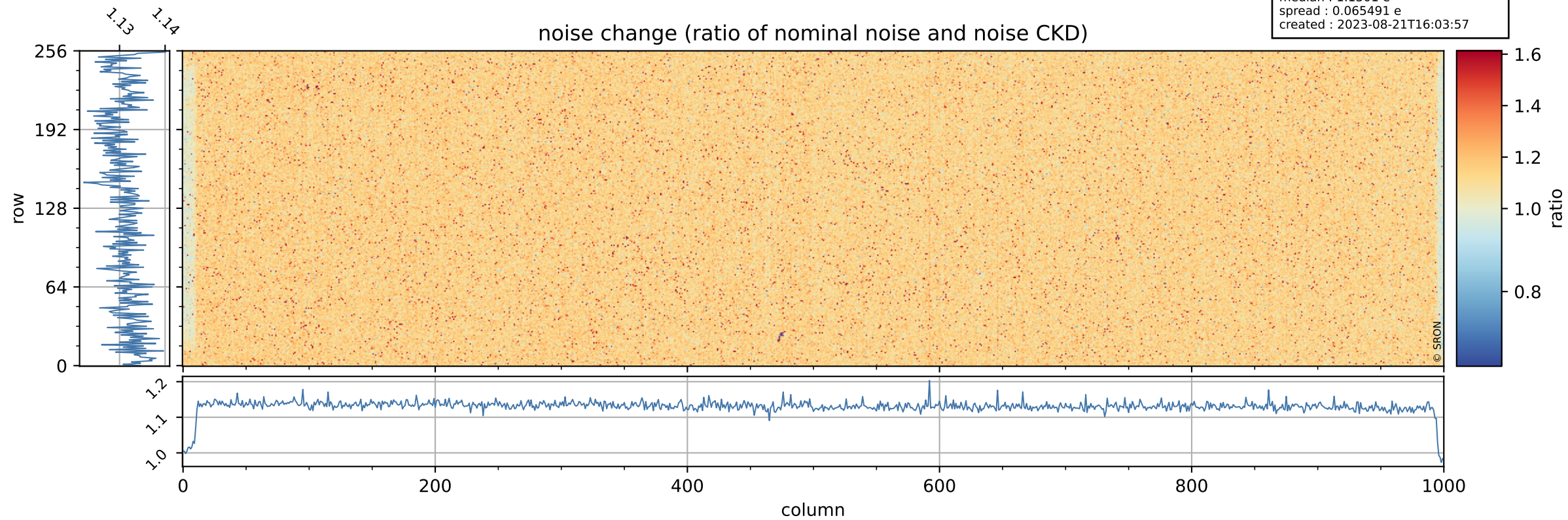
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
median : 1.0036 e
spread : 0.012253 e
created : 2023-08-21T16:03:56



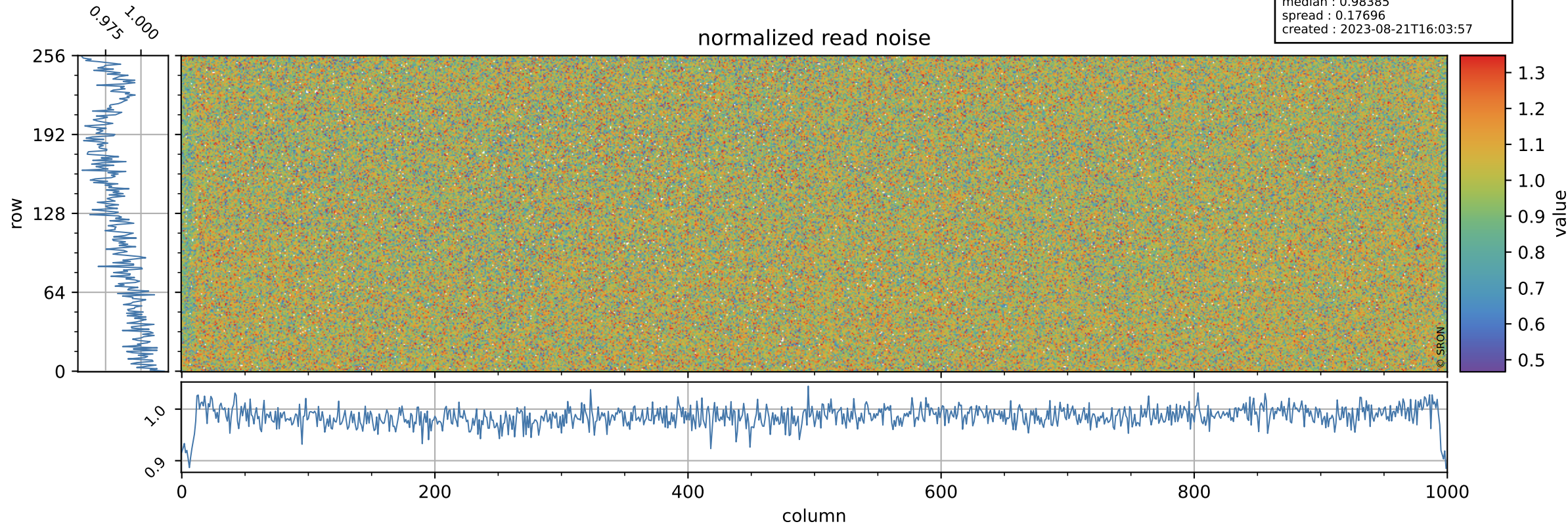
Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
median : 1.1301 e
spread : 0.065491 e
created : 2023-08-21T16:03:57



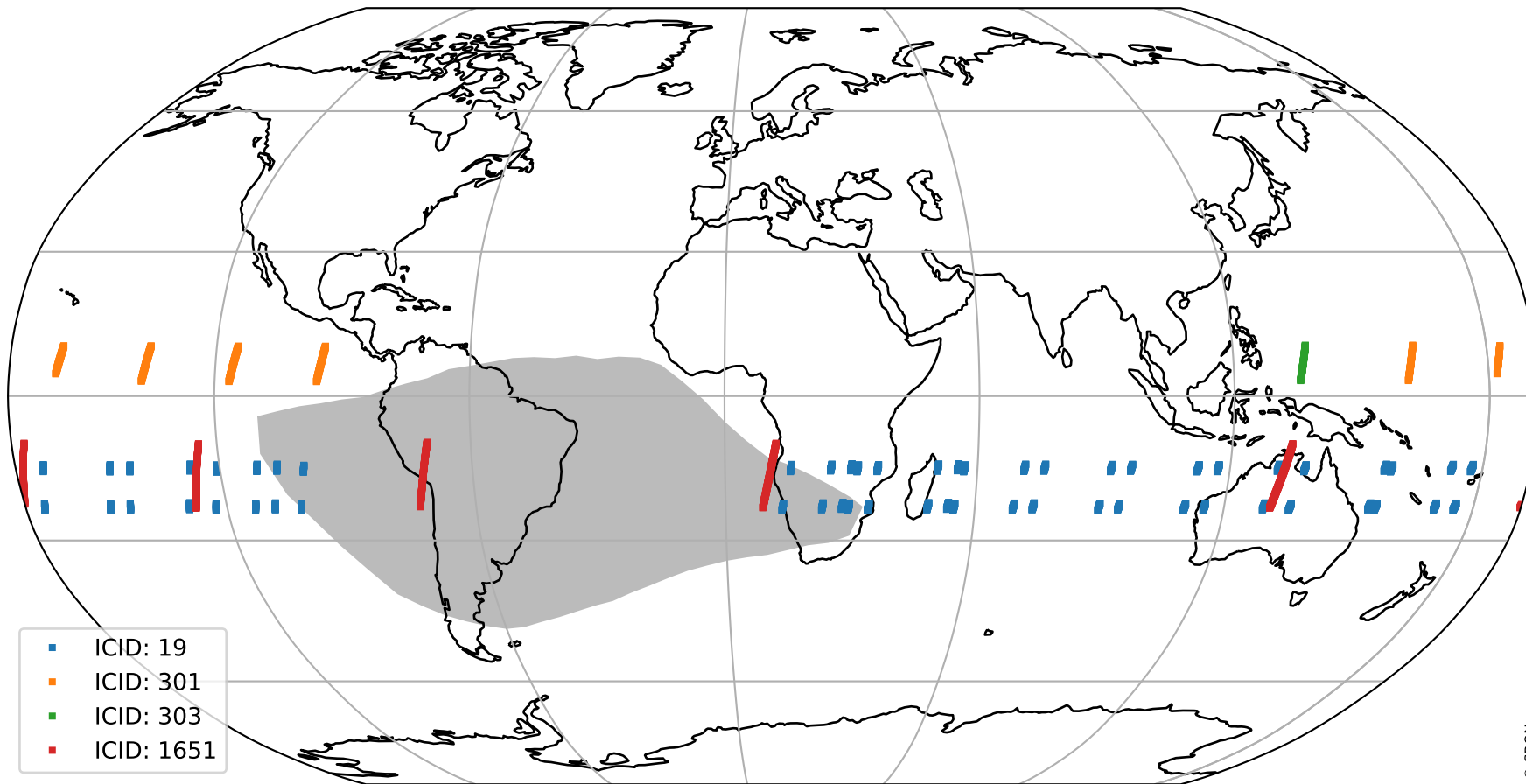
Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
median : 0.98385
spread : 0.17696
created : 2023-08-21T16:03:57



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

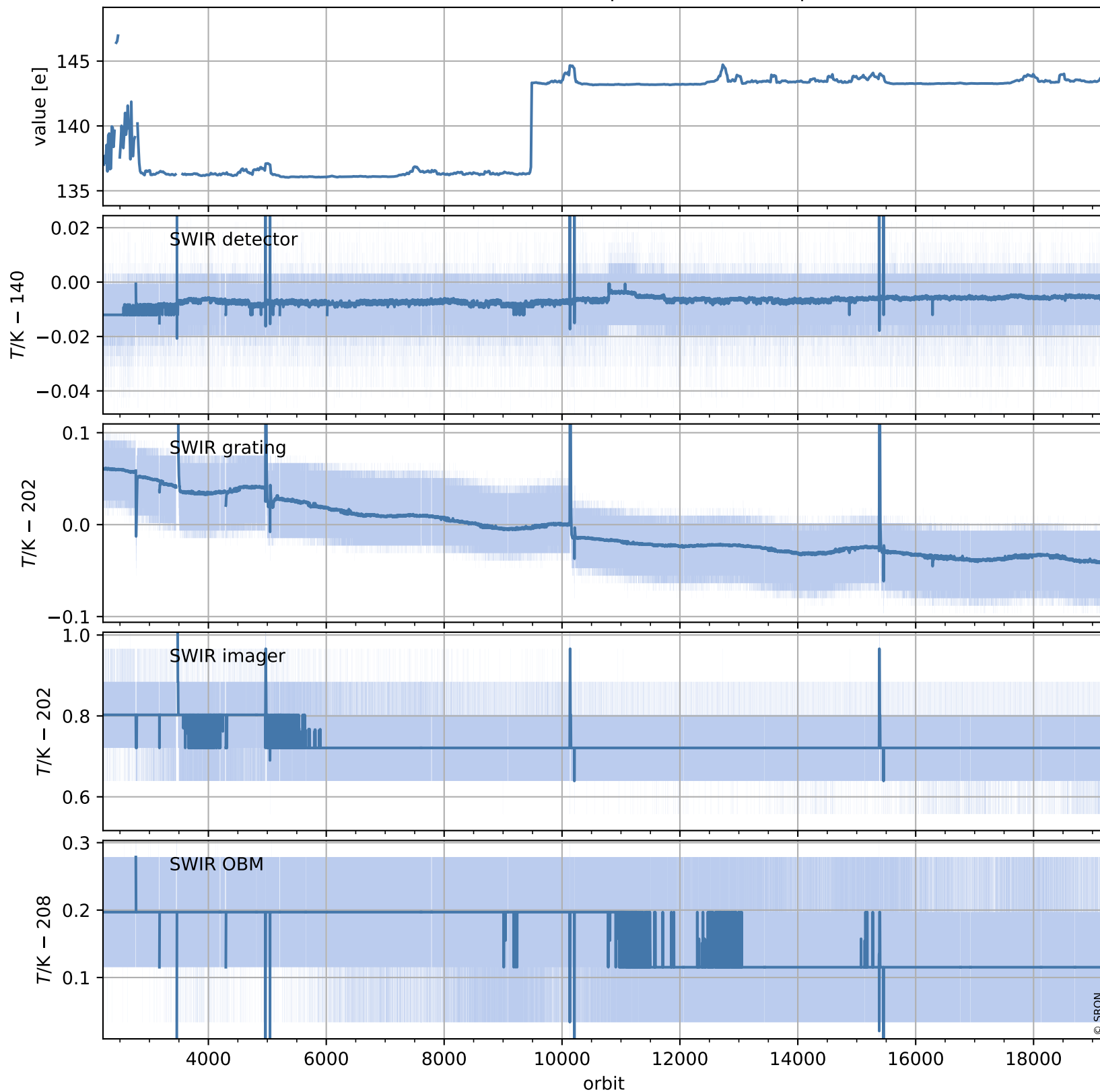
orbits : 12 in [19117, 19207]
coverage : 2021-06-22 / 2021-06-28
created : 2023-08-21T16:03:57



Tropomi SWIR background noise (swir)

orbits : [2212, 19207]
coverage : 2018-03-18 / 2021-06-28
created : 2023-08-21T16:03:58

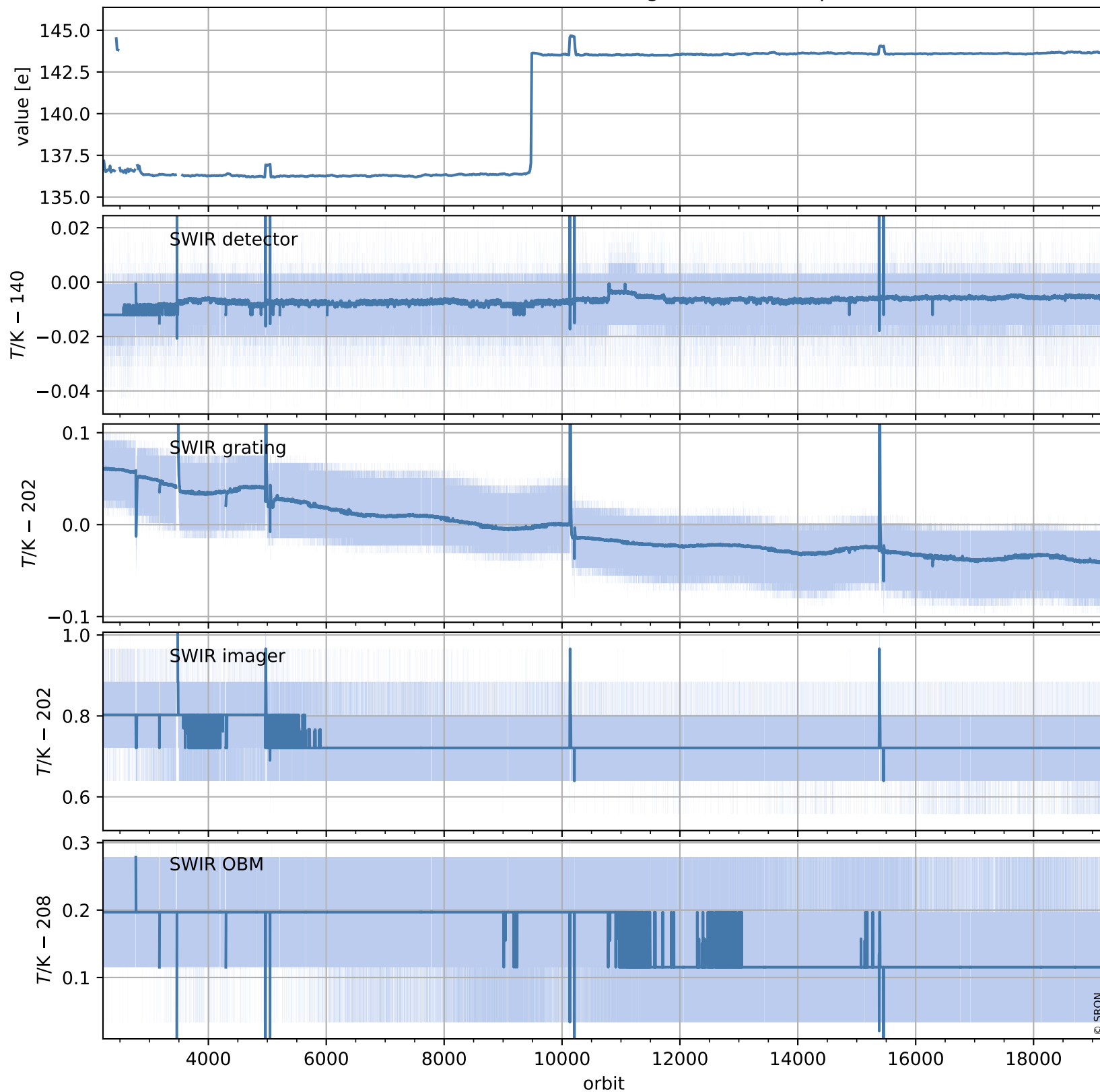
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19207]
coverage : 2018-03-18 / 2021-06-28
created : 2023-08-21T16:03:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19207]
coverage : 2018-03-18 / 2021-06-28
created : 2023-08-21T16:03:59

trend of normalized read-noise & temperatures

