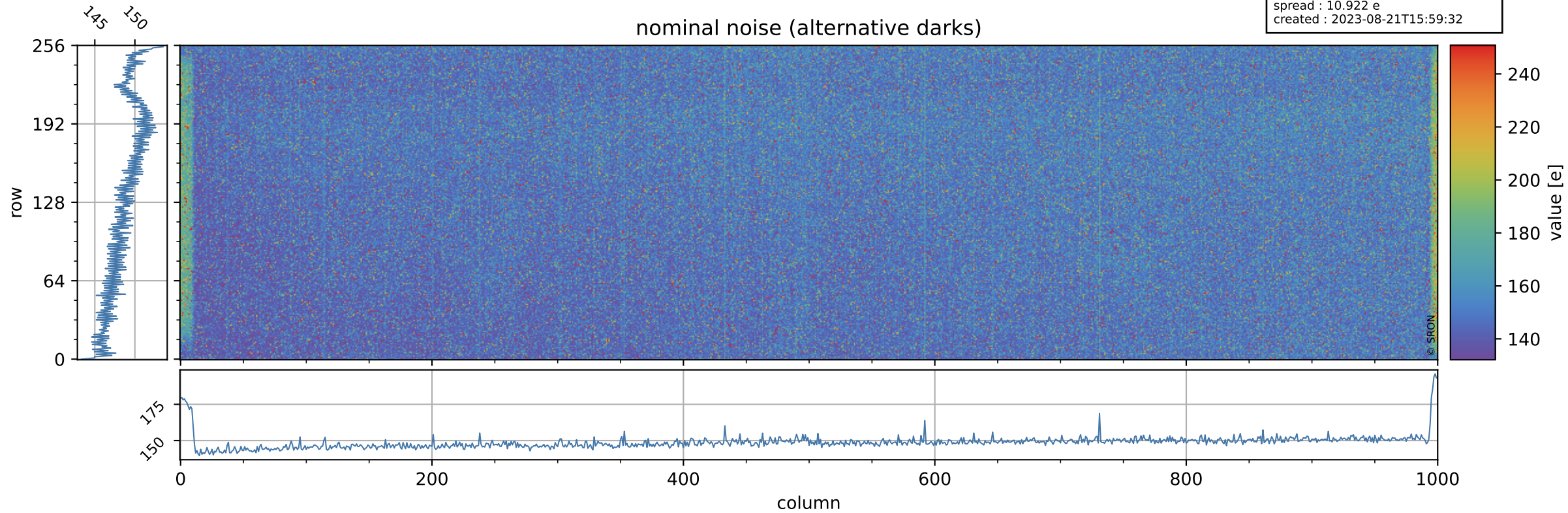


Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.922 e
created : 2023-08-21T15:59:32

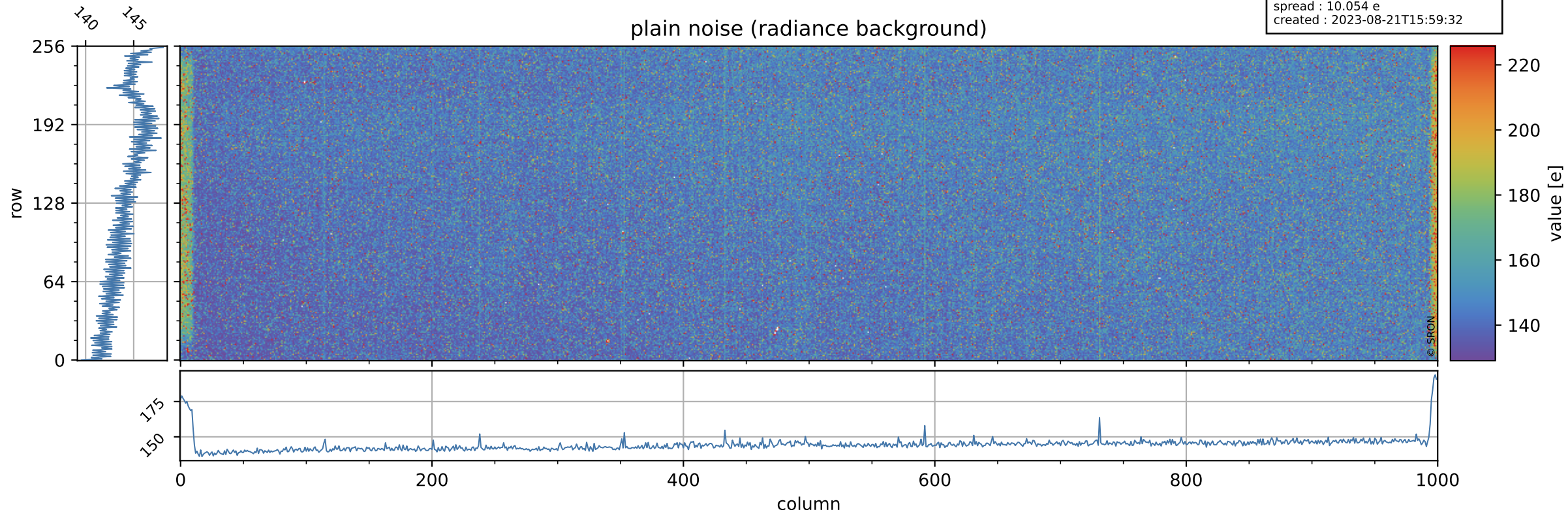
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
n_coad, t_exp : 1, 0.8383
median : 144.12 e
spread : 10.054 e
created : 2023-08-21T15:59:32

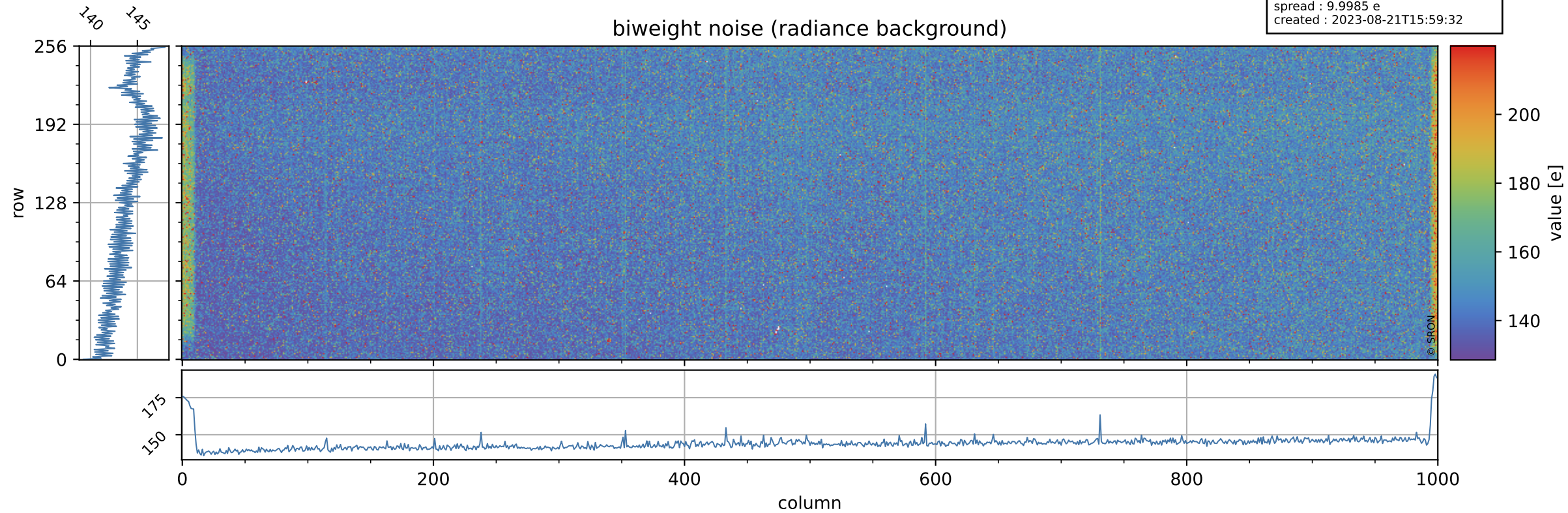
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9985 e
created : 2023-08-21T15:59:32

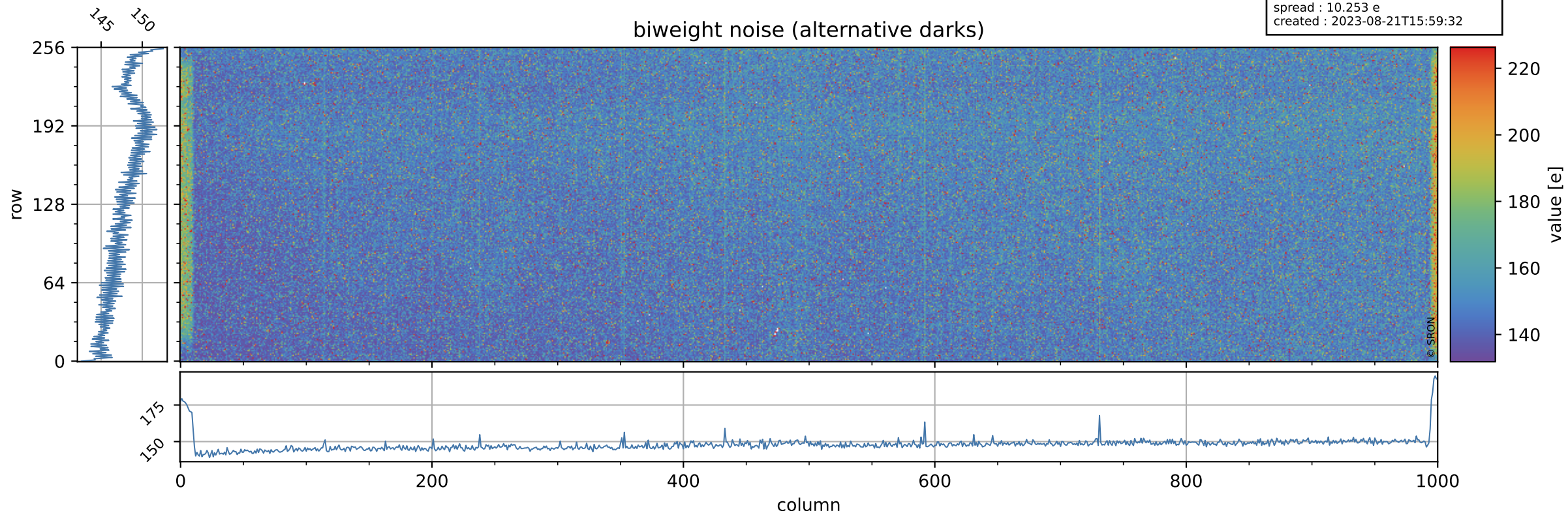
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.253 e
created : 2023-08-21T15:59:32

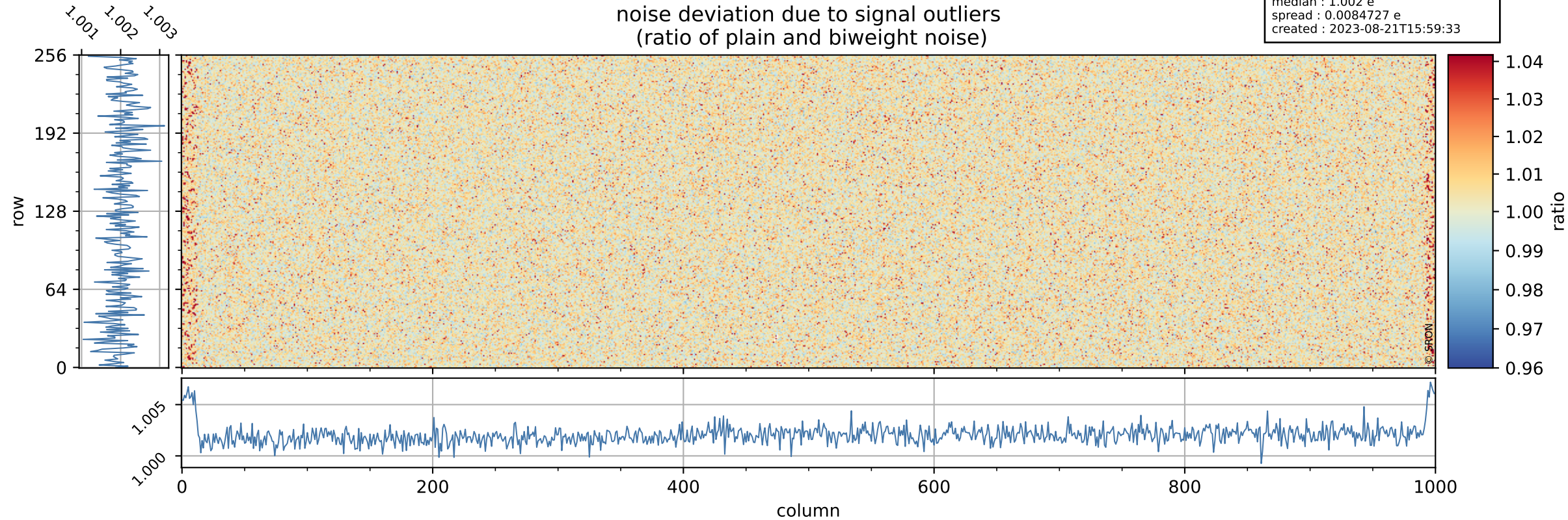
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

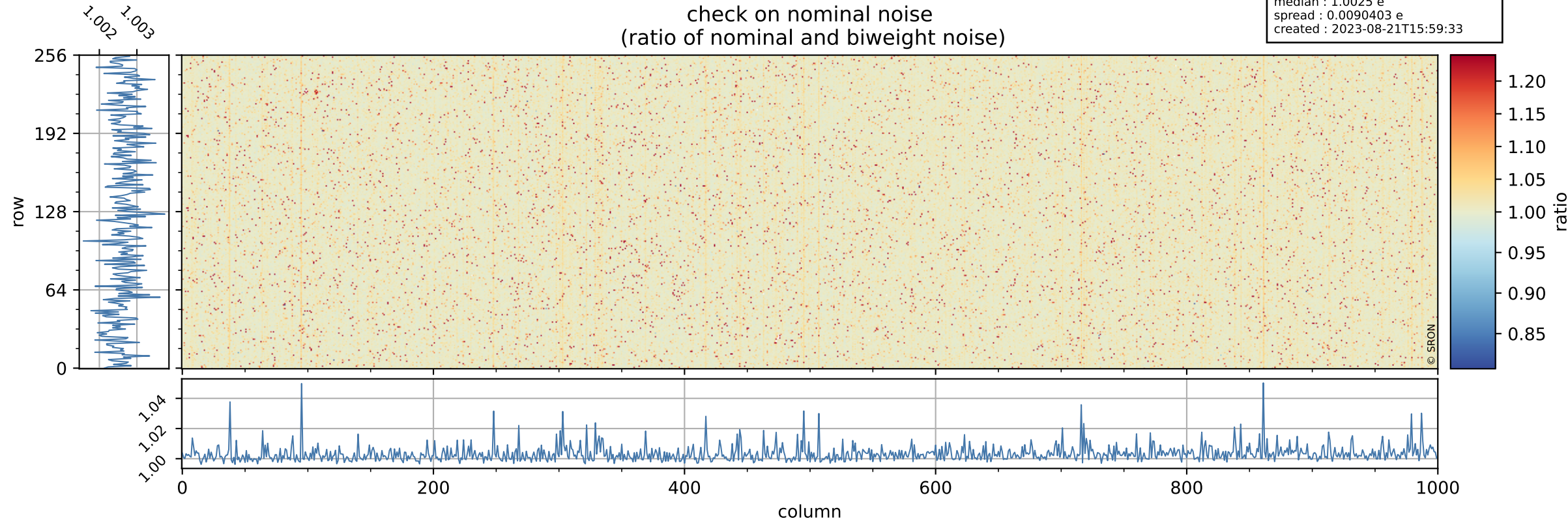
orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
median : 1.002 e
spread : 0.0084727 e
created : 2023-08-21T15:59:33



Tropomi SWIR background noise (swir)

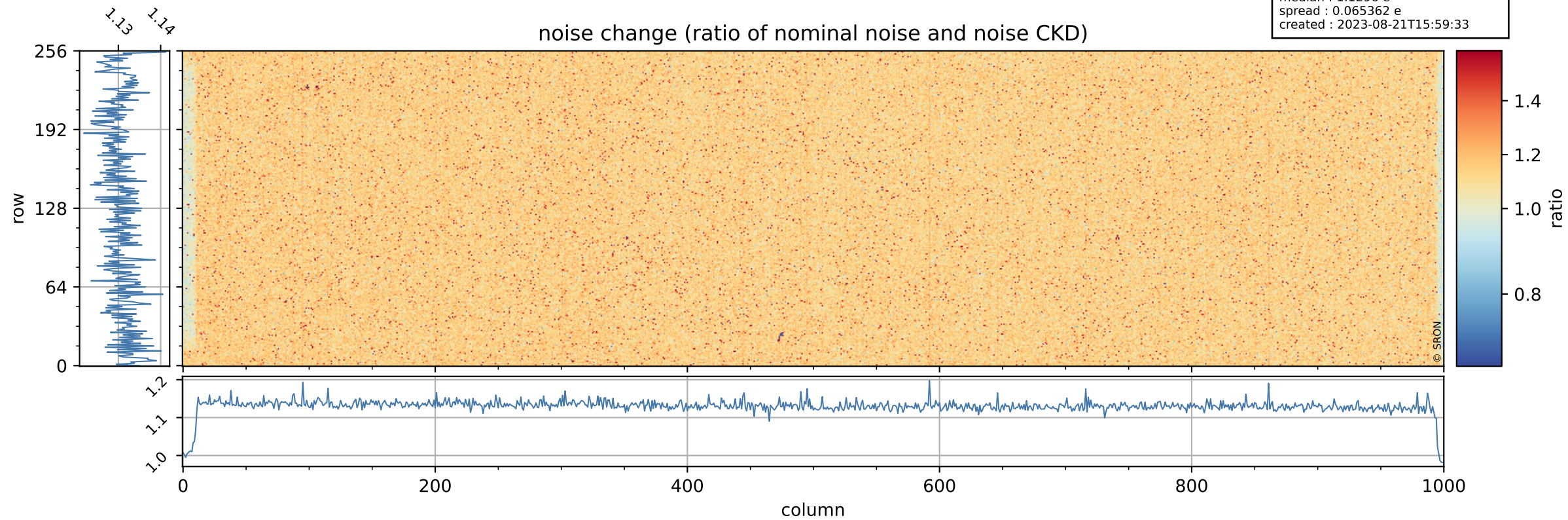
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
median : 1.0025 e
spread : 0.0090403 e
created : 2023-08-21T15:59:33



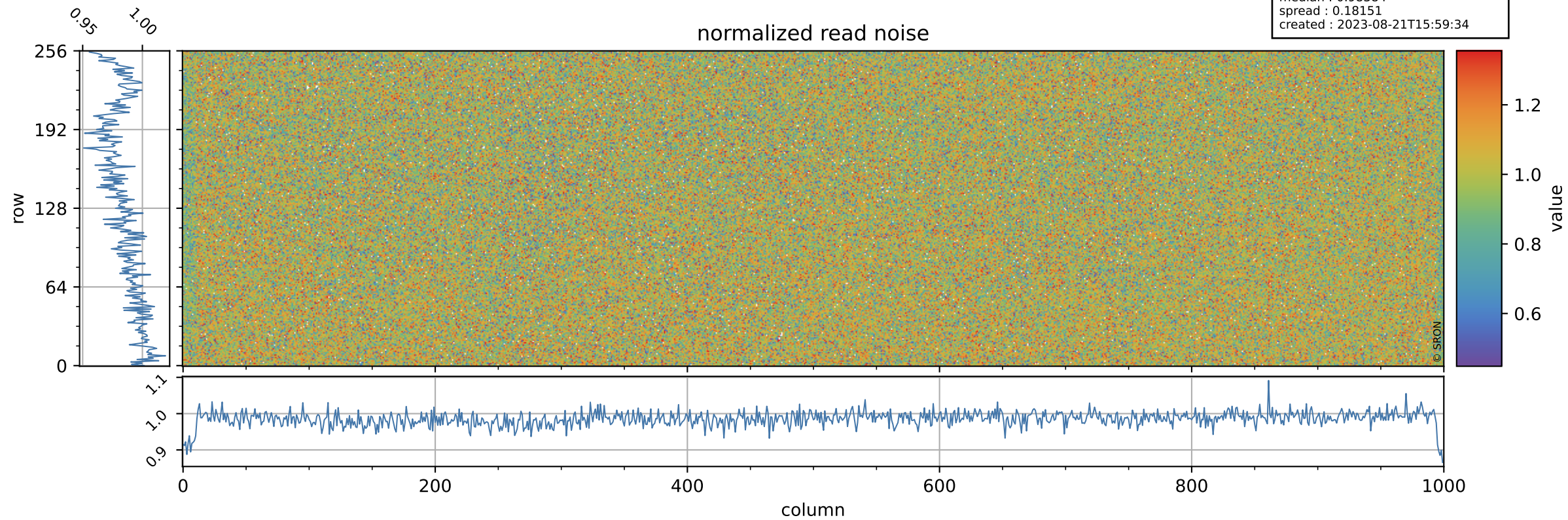
Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
median : 1.1296 e
spread : 0.065362 e
created : 2023-08-21T15:59:33



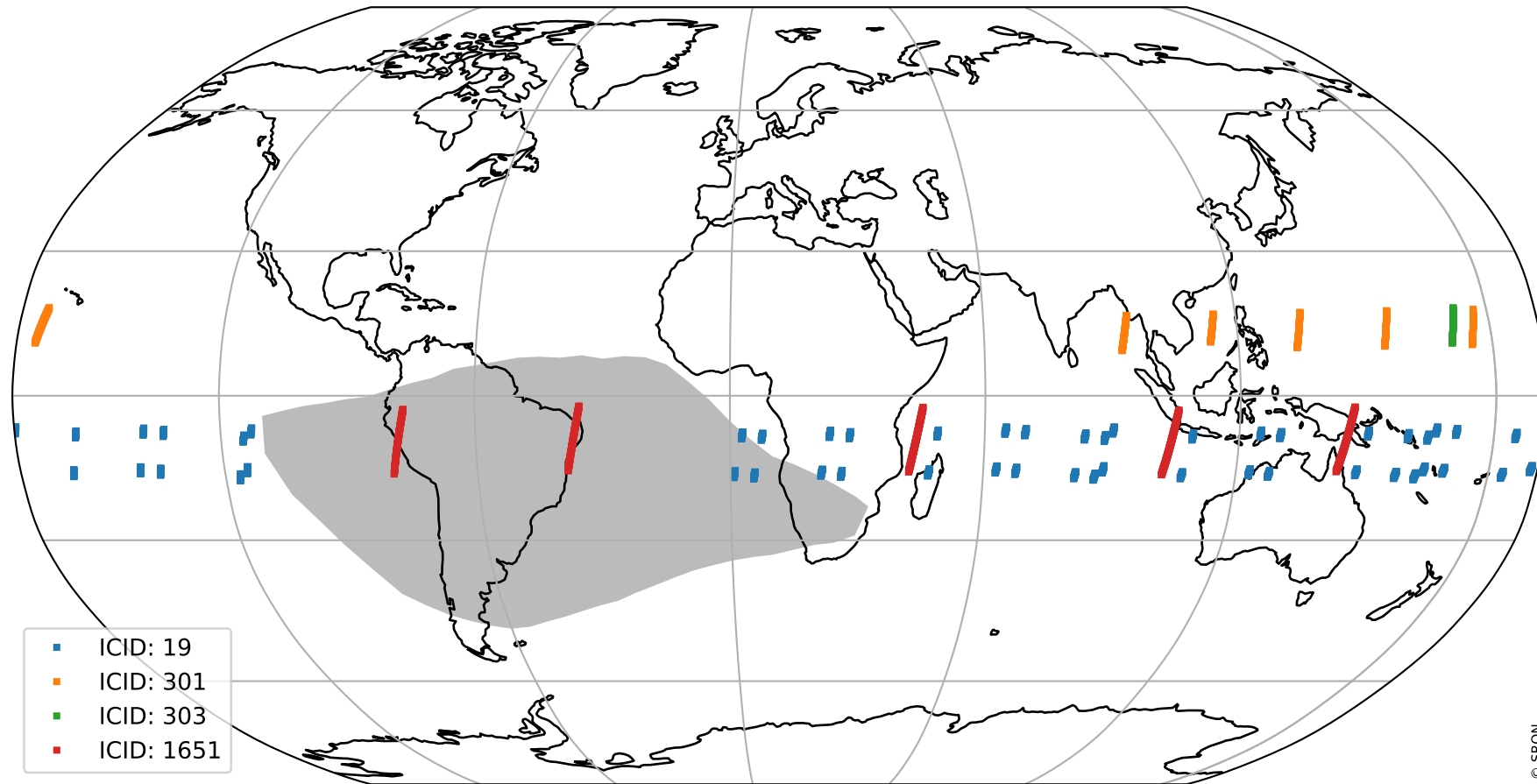
Tropomi SWIR background noise (swir)

orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
median : 0.98384
spread : 0.18151
created : 2023-08-21T15:59:34



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

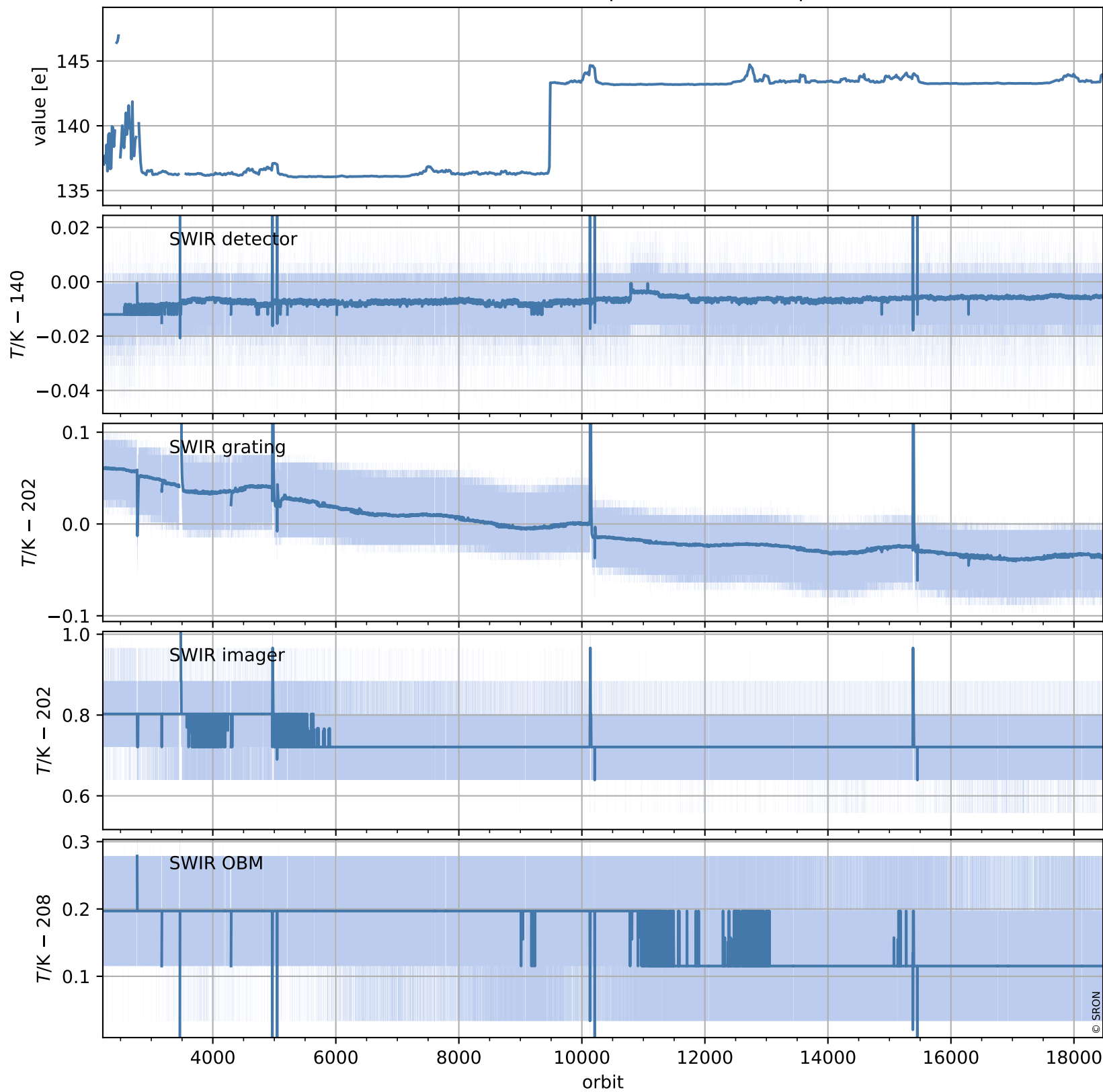
orbits : 12 in [18397, 18472]
coverage : 2021-05-01 / 2021-05-06
created : 2023-08-21T15:59:34



Tropomi SWIR background noise (swir)

orbits : [2212, 18472]
coverage : 2018-03-18 / 2021-05-06
created : 2023-08-21T15:59:34

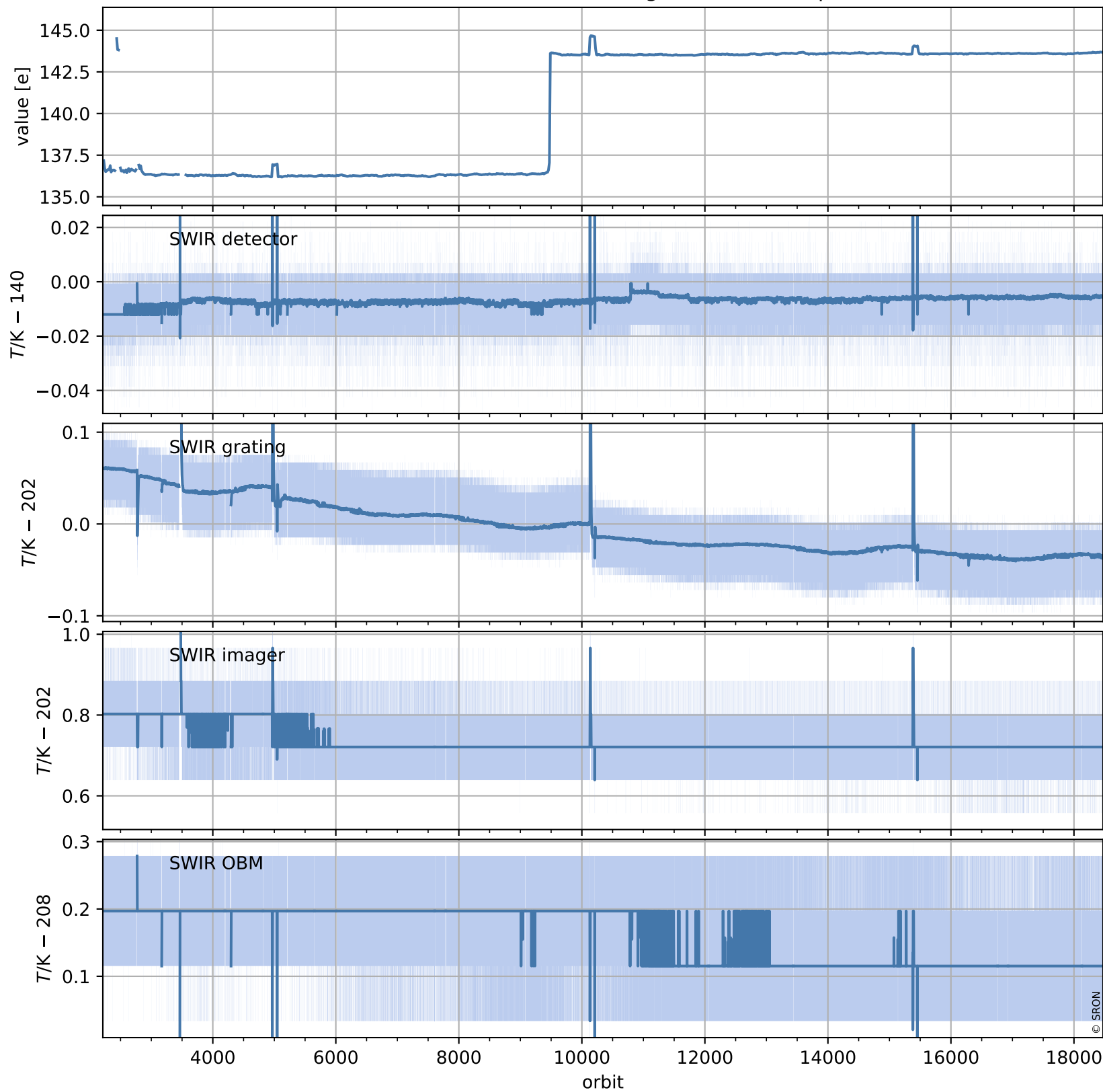
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18472]
coverage : 2018-03-18 / 2021-05-06
created : 2023-08-21T15:59:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18472]
coverage : 2018-03-18 / 2021-05-06
created : 2023-08-21T15:59:36

trend of normalized read-noise & temperatures

