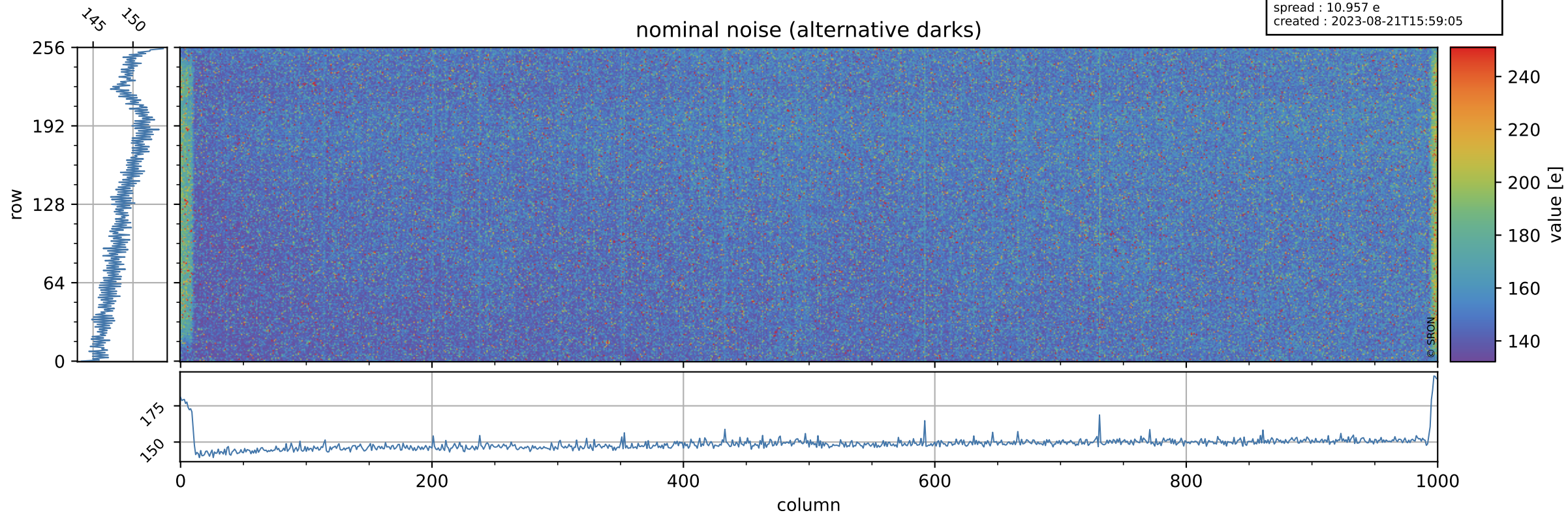


Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
n_coad, t_exp : 1, 1.0783
median : 148.67 e
spread : 10.957 e
created : 2023-08-21T15:59:05

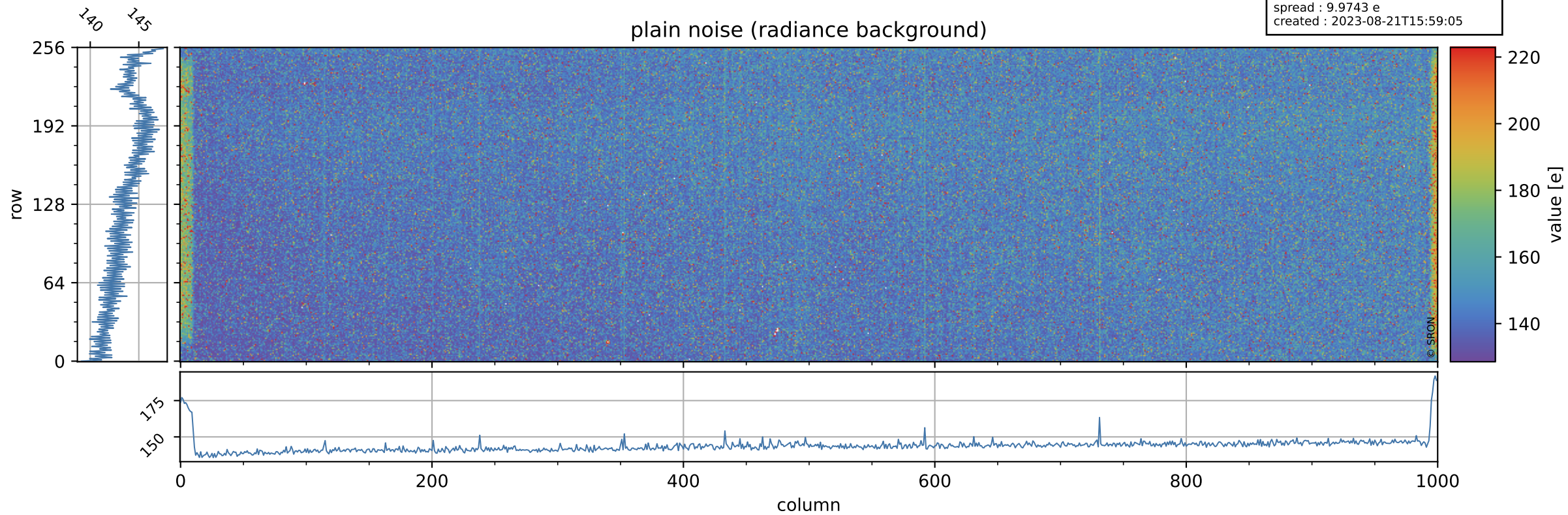
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9743 e
created : 2023-08-21T15:59:05

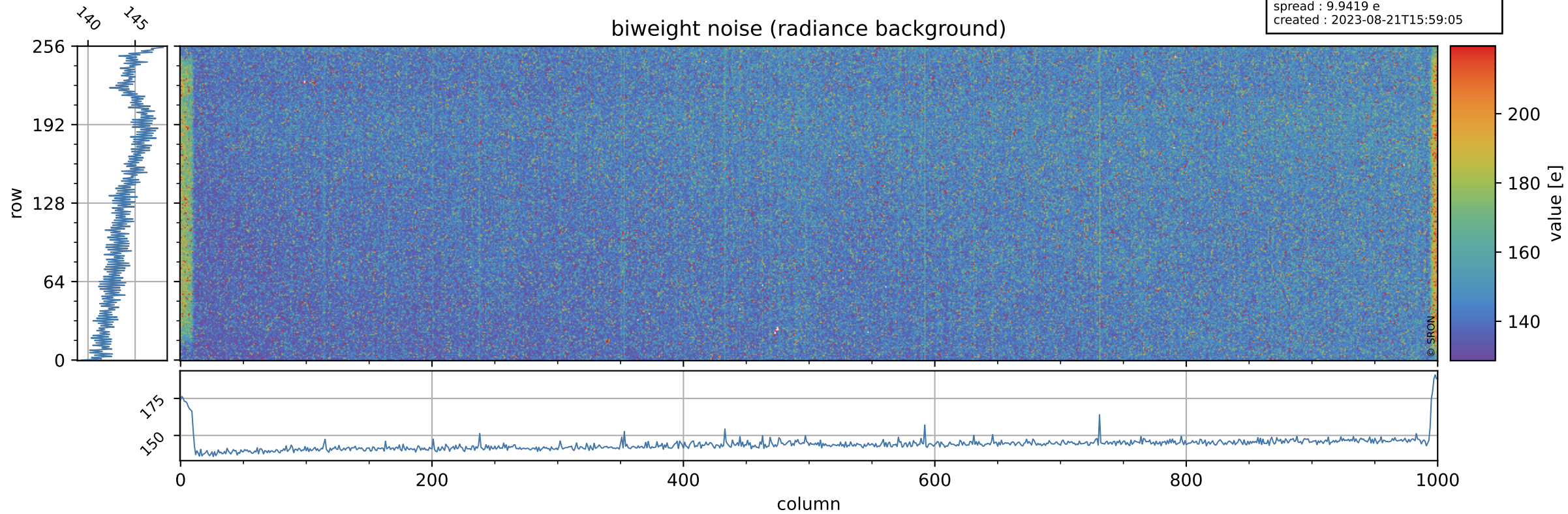
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9419 e
created : 2023-08-21T15:59:05

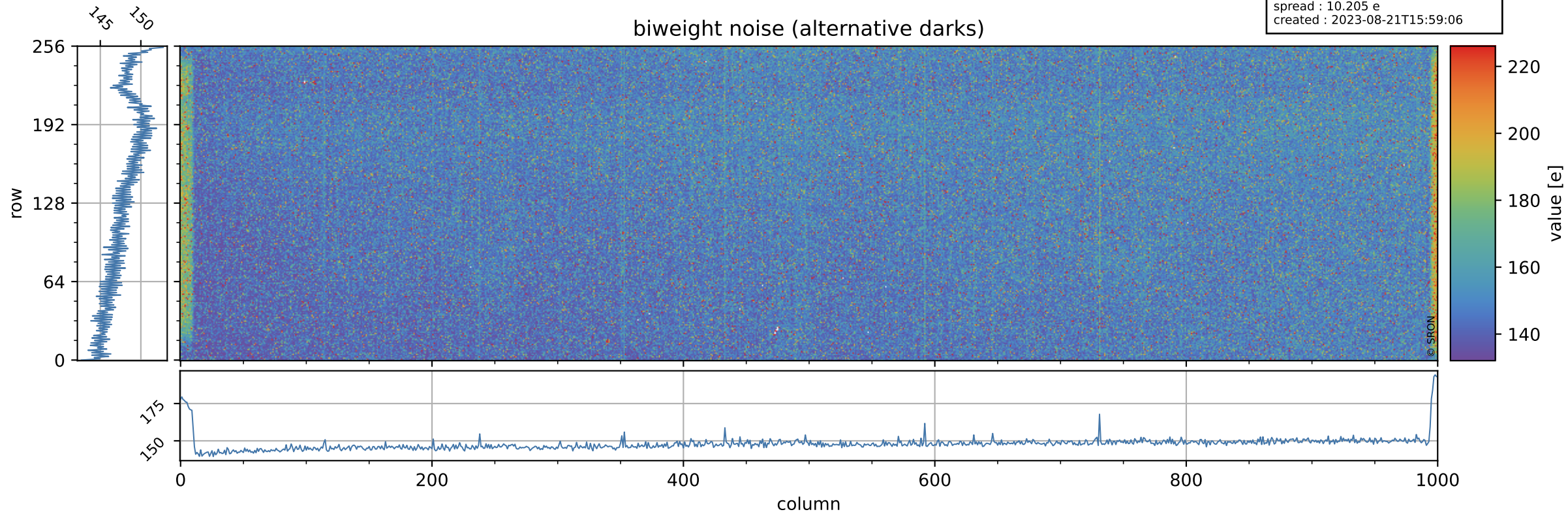
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.205 e
created : 2023-08-21T15:59:06

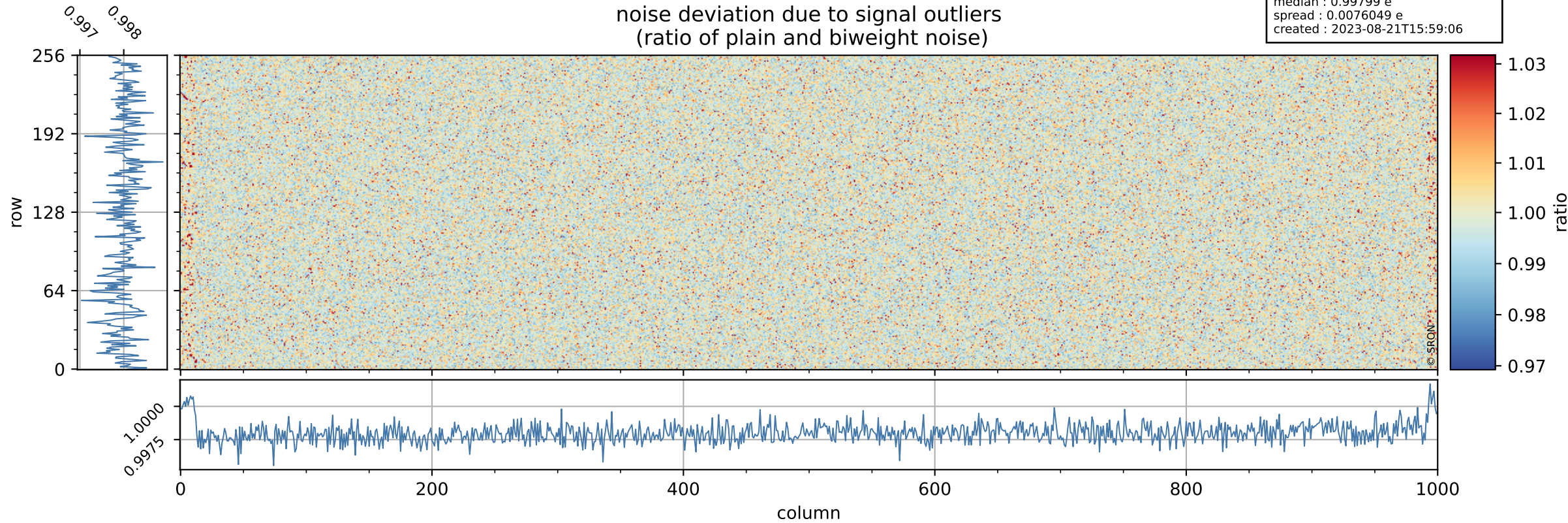
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

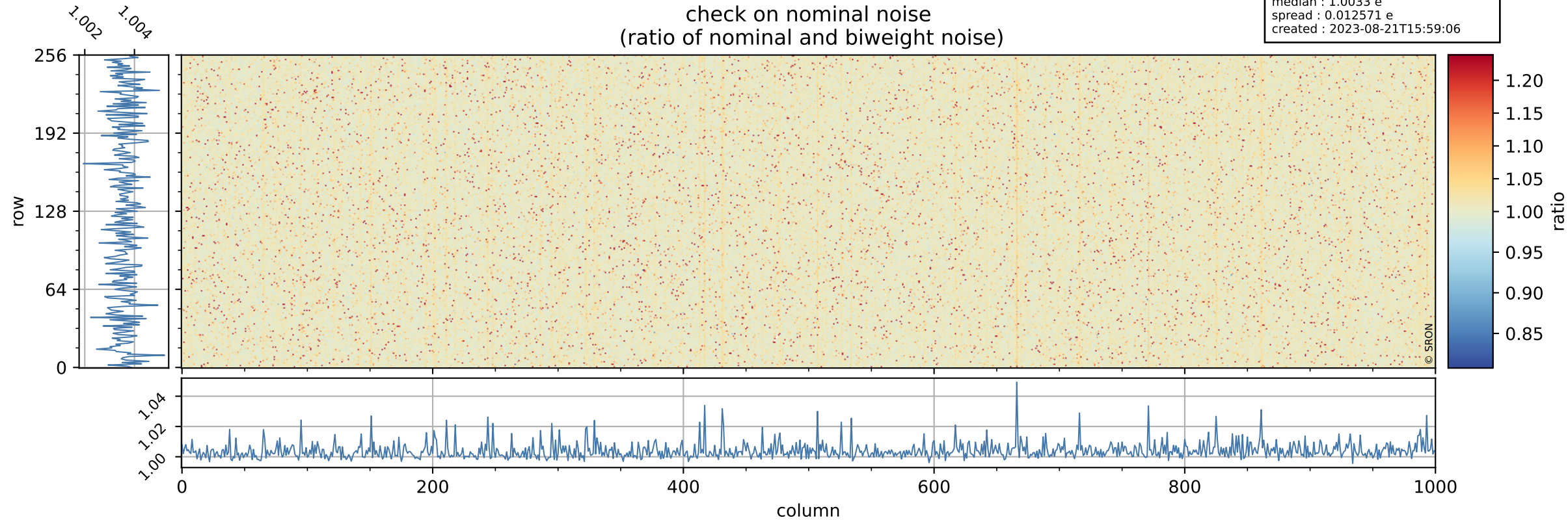
orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
median : 0.99799 e
spread : 0.0076049 e
created : 2023-08-21T15:59:06



Tropomi SWIR background noise (swir)

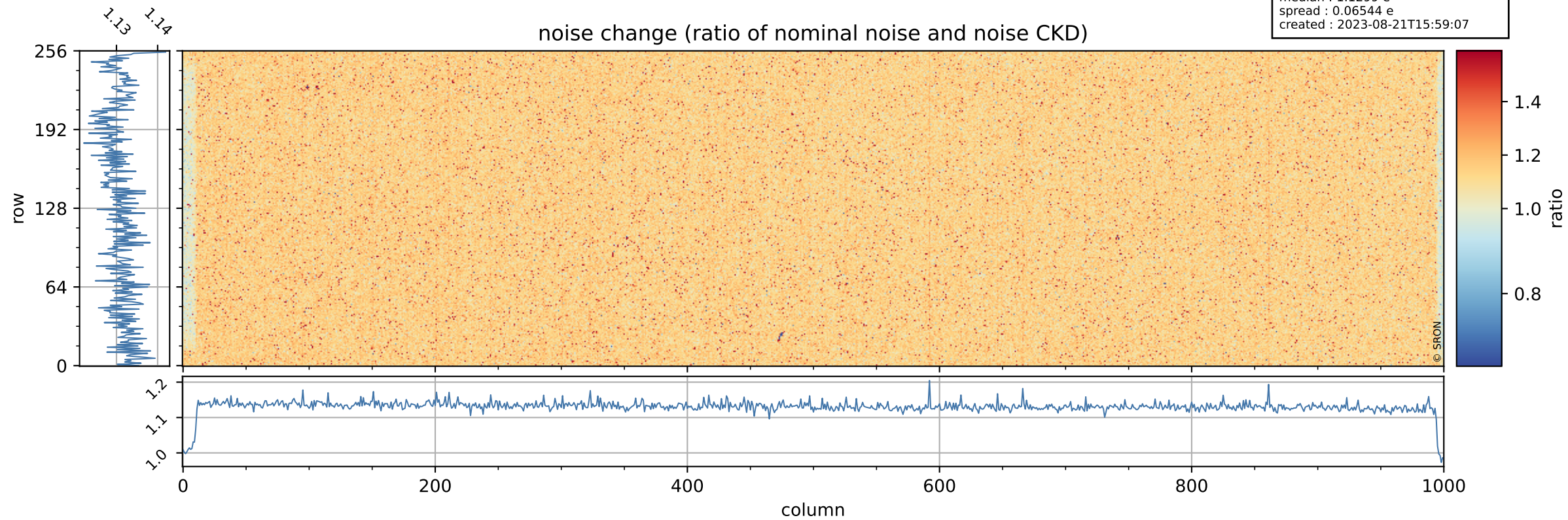
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
median : 1.0033 e
spread : 0.012571 e
created : 2023-08-21T15:59:06



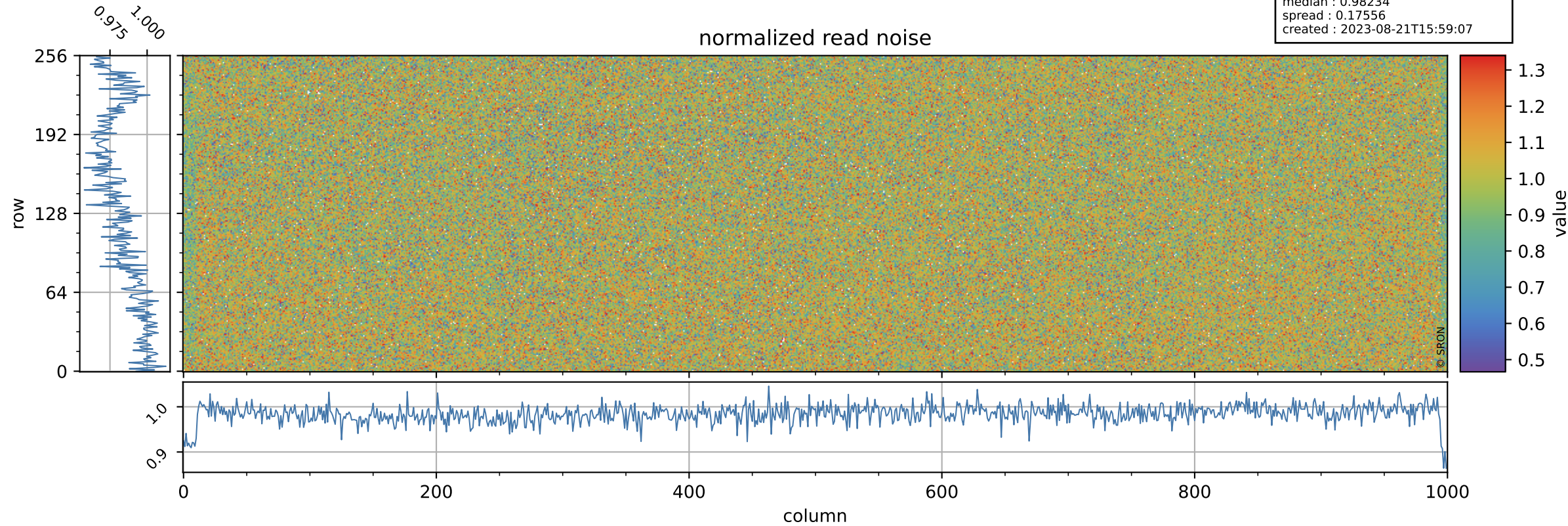
Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
median : 1.1299 e
spread : 0.06544 e
created : 2023-08-21T15:59:07



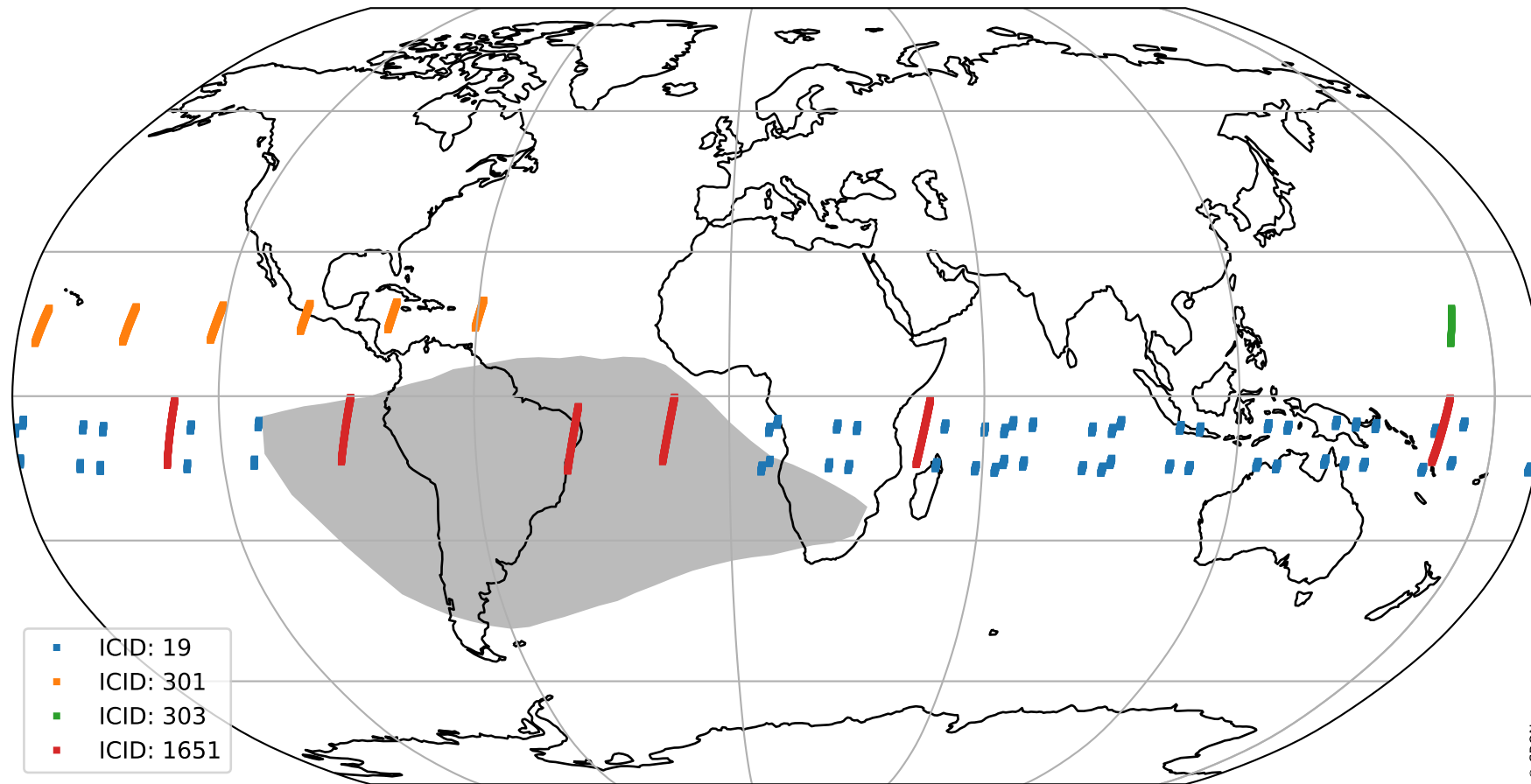
Tropomi SWIR background noise (swir)

orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
median : 0.98234
spread : 0.17556
created : 2023-08-21T15:59:07



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

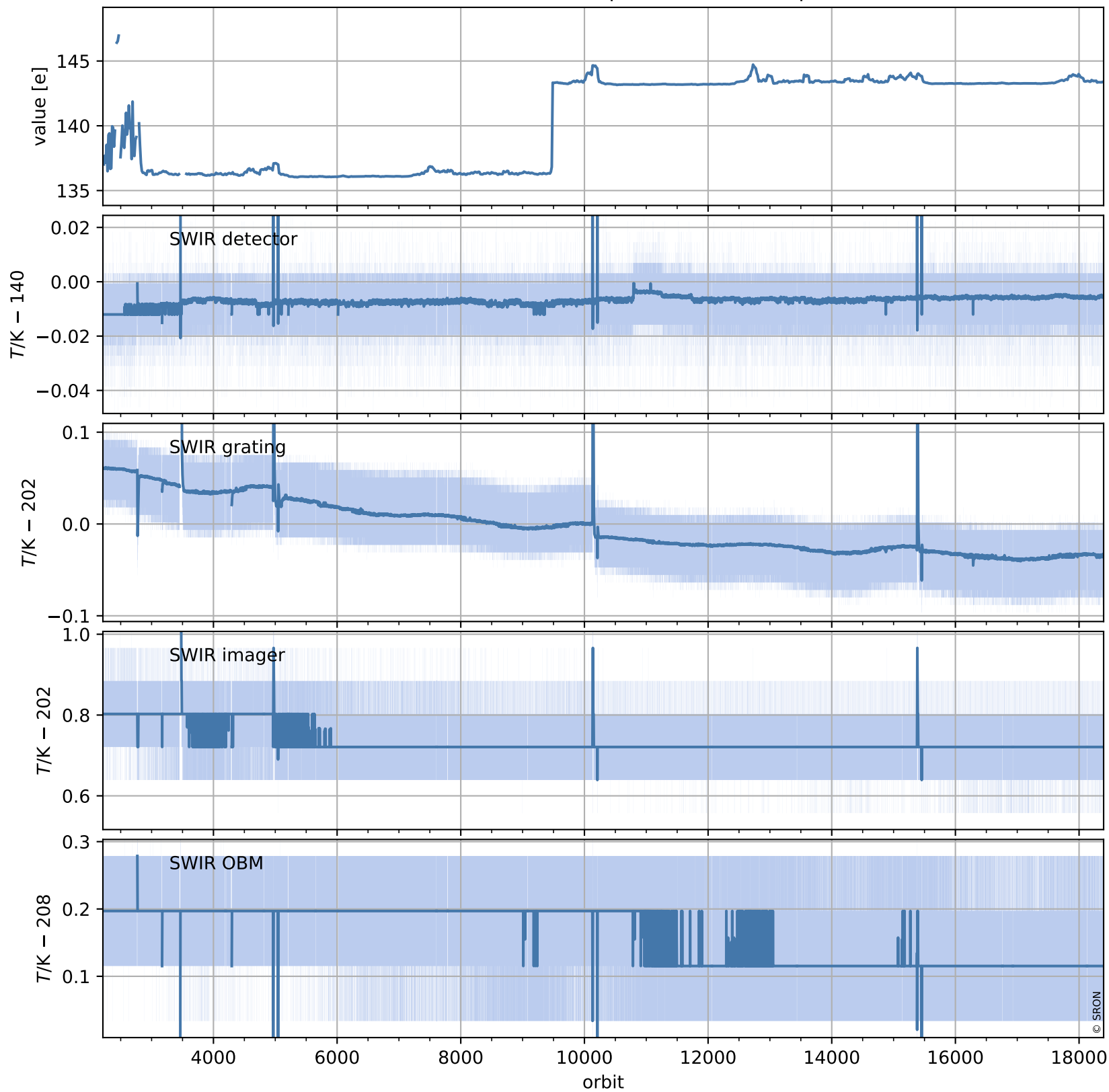
orbits : 13 in [18307, 18397]
coverage : 2021-04-26 / 2021-05-02
created : 2023-08-21T15:59:07



Tropomi SWIR background noise (swir)

orbits : [2212, 18397]
coverage : 2018-03-18 / 2021-05-02
created : 2023-08-21T15:59:07

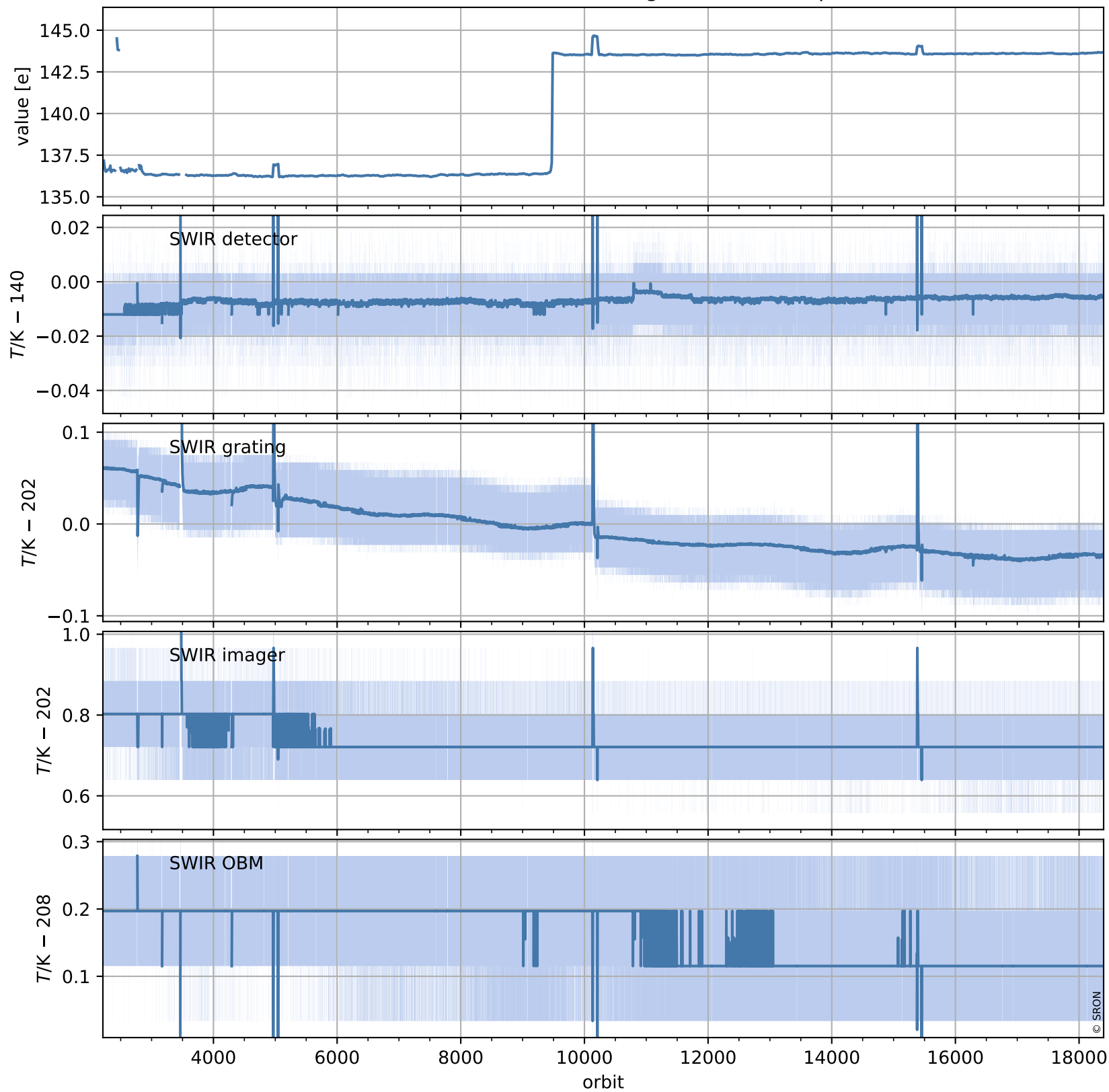
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18397]
coverage : 2018-03-18 / 2021-05-02
created : 2023-08-21T15:59:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 18397]
coverage : 2018-03-18 / 2021-05-02
created : 2023-08-21T15:59:09

trend of normalized read-noise & temperatures

