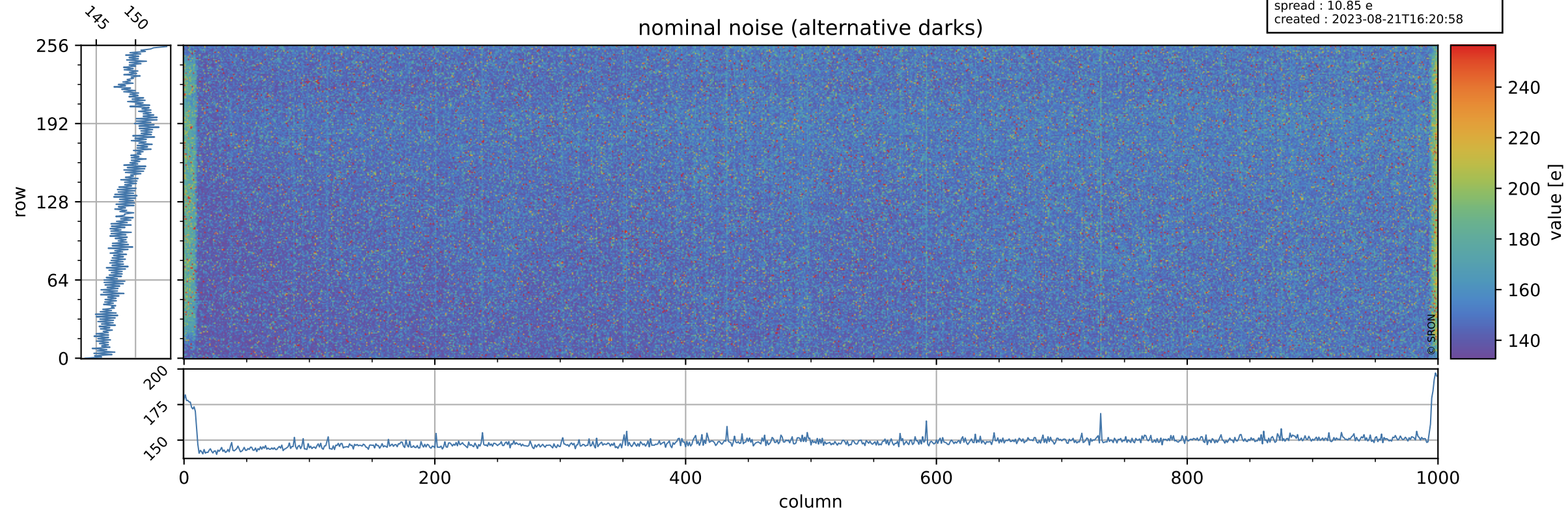


Tropomi SWIR background noise (swir)

orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.85 e
created : 2023-08-21T16:20:58

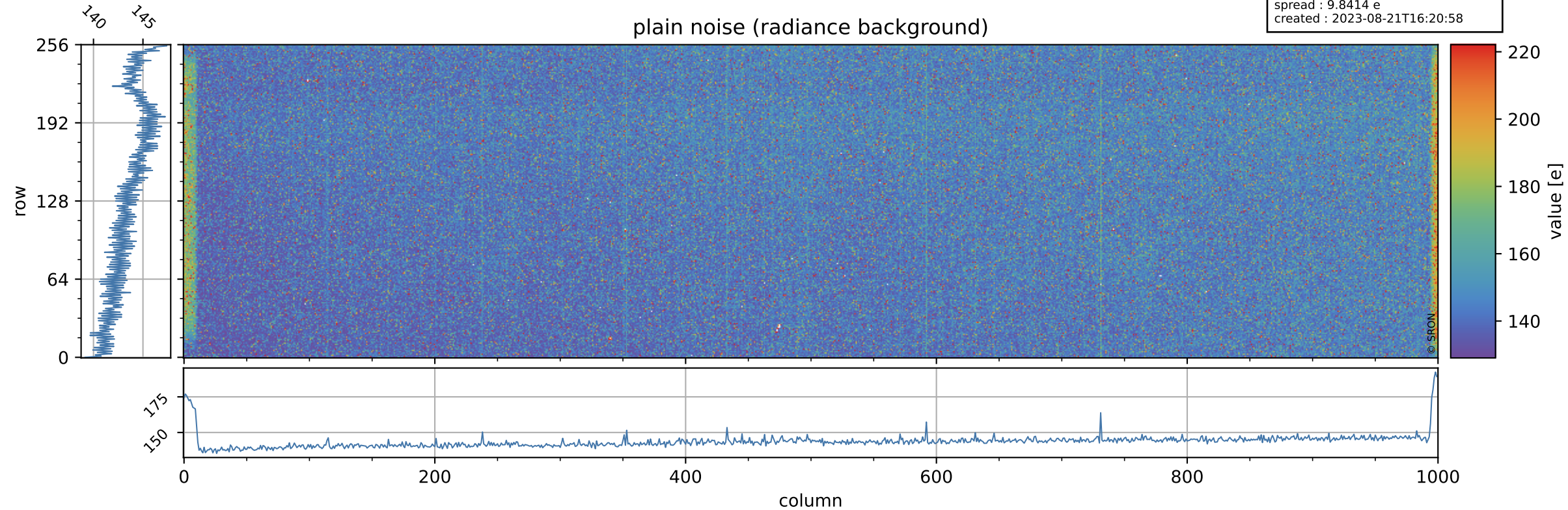
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8414 e
created : 2023-08-21T16:20:58

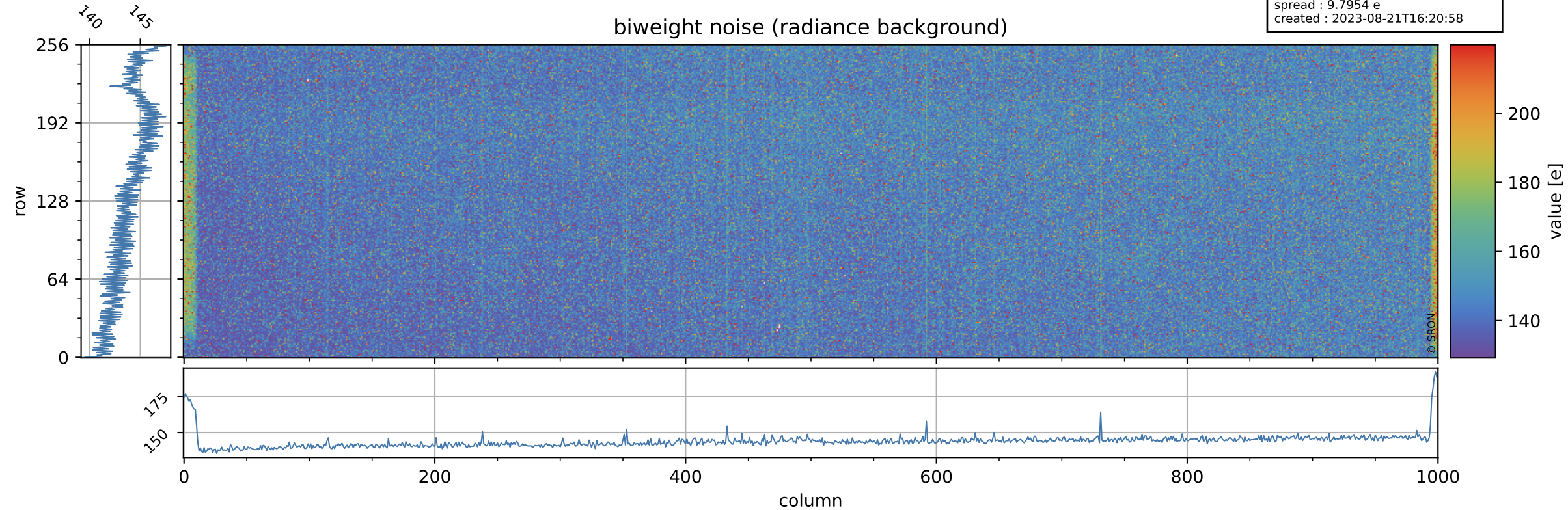
plain noise (radiance background)



Tropomi SWIR background noise (swir)

```
orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
n_coat, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7954 e
created : 2023-08-21T16:20:58
```

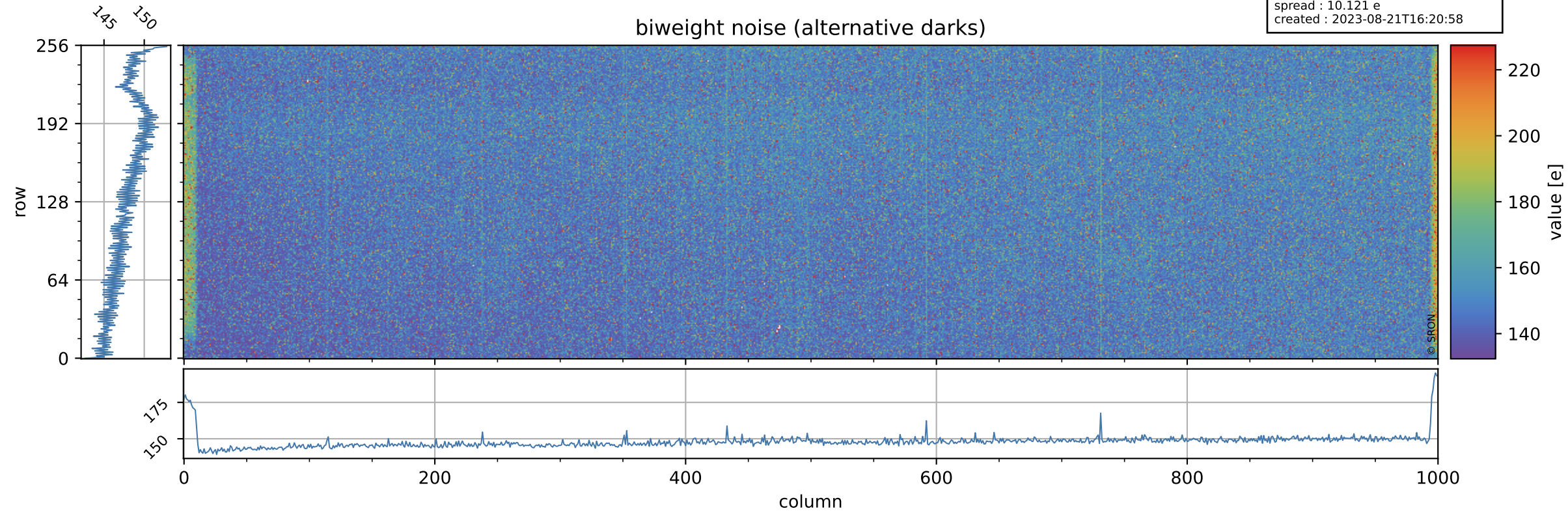
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
n_coad, t_exp : 1, 1.0783
median : 147.76 e
spread : 10.121 e
created : 2023-08-21T16:20:58

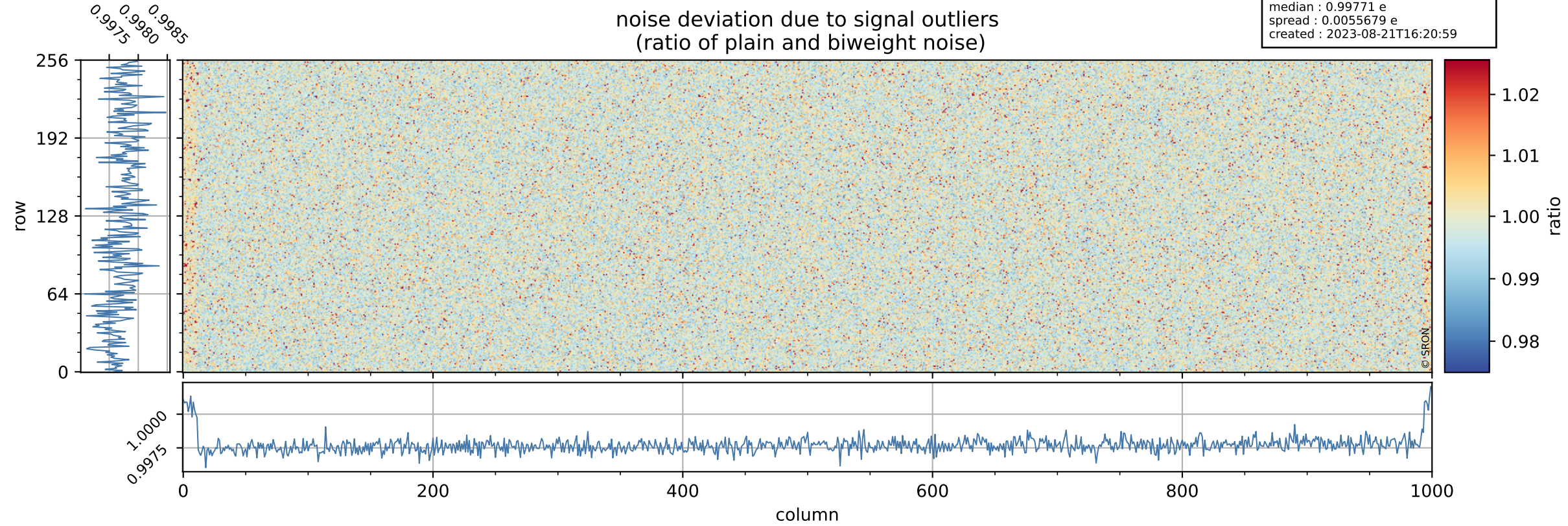
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

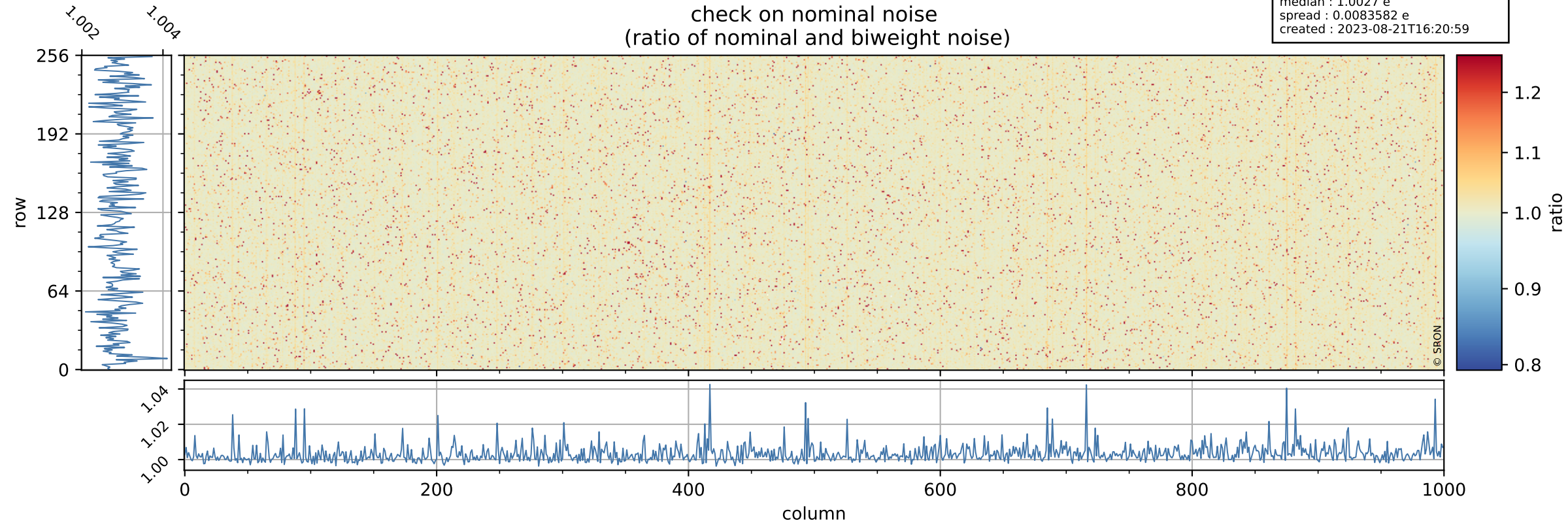
orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
median : 0.99771 e
spread : 0.0055679 e
created : 2023-08-21T16:20:59



Tropomi SWIR background noise (swir)

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

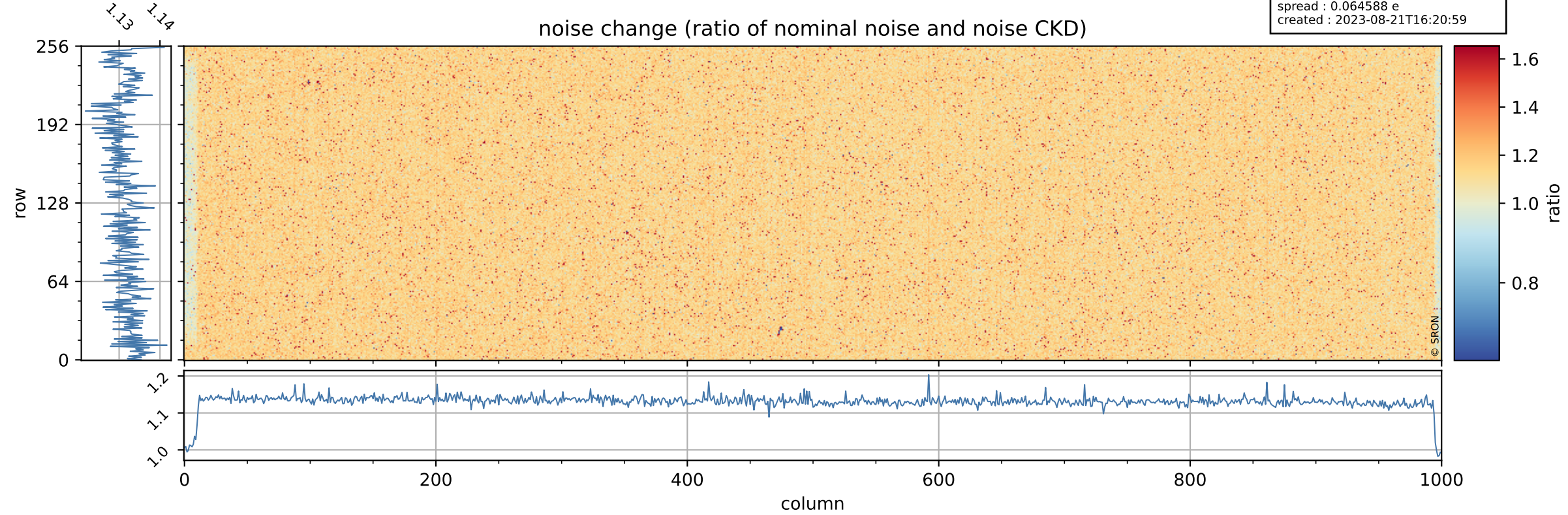
orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
median : 1.0027 e
spread : 0.0083582 e
created : 2023-08-21T16:20:59



Tropomi SWIR background noise (swir)

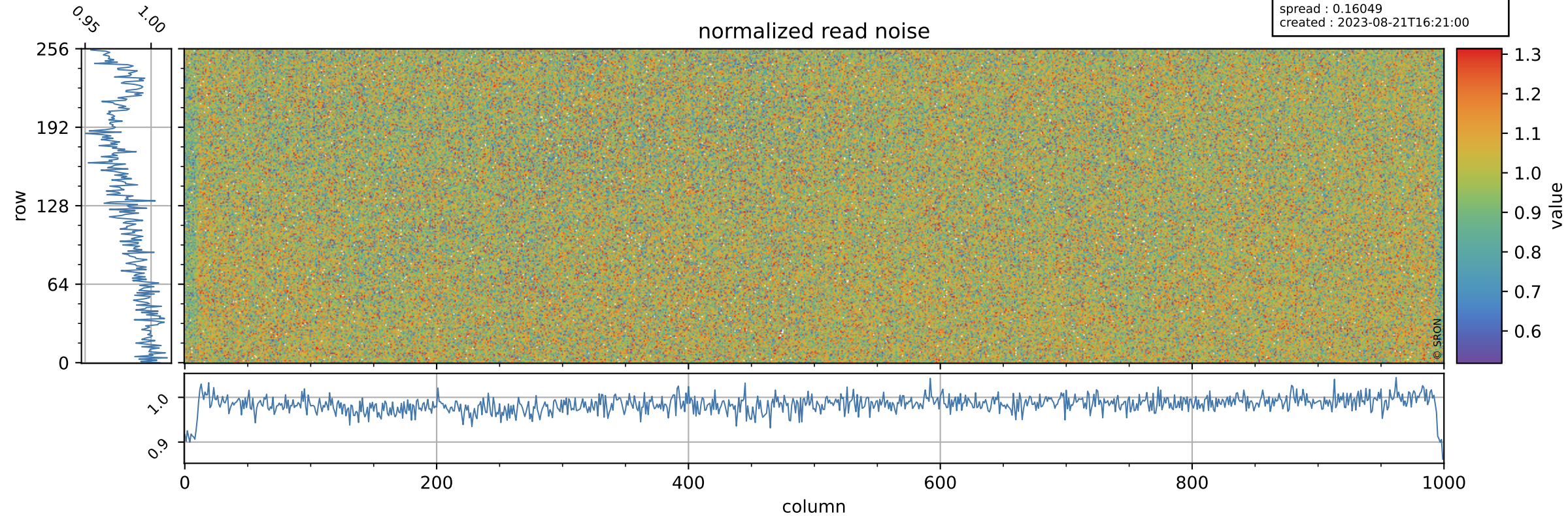
orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
median : 1.1304 e
spread : 0.064588 e
created : 2023-08-21T16:20:59

noise change (ratio of nominal noise and noise CKD)



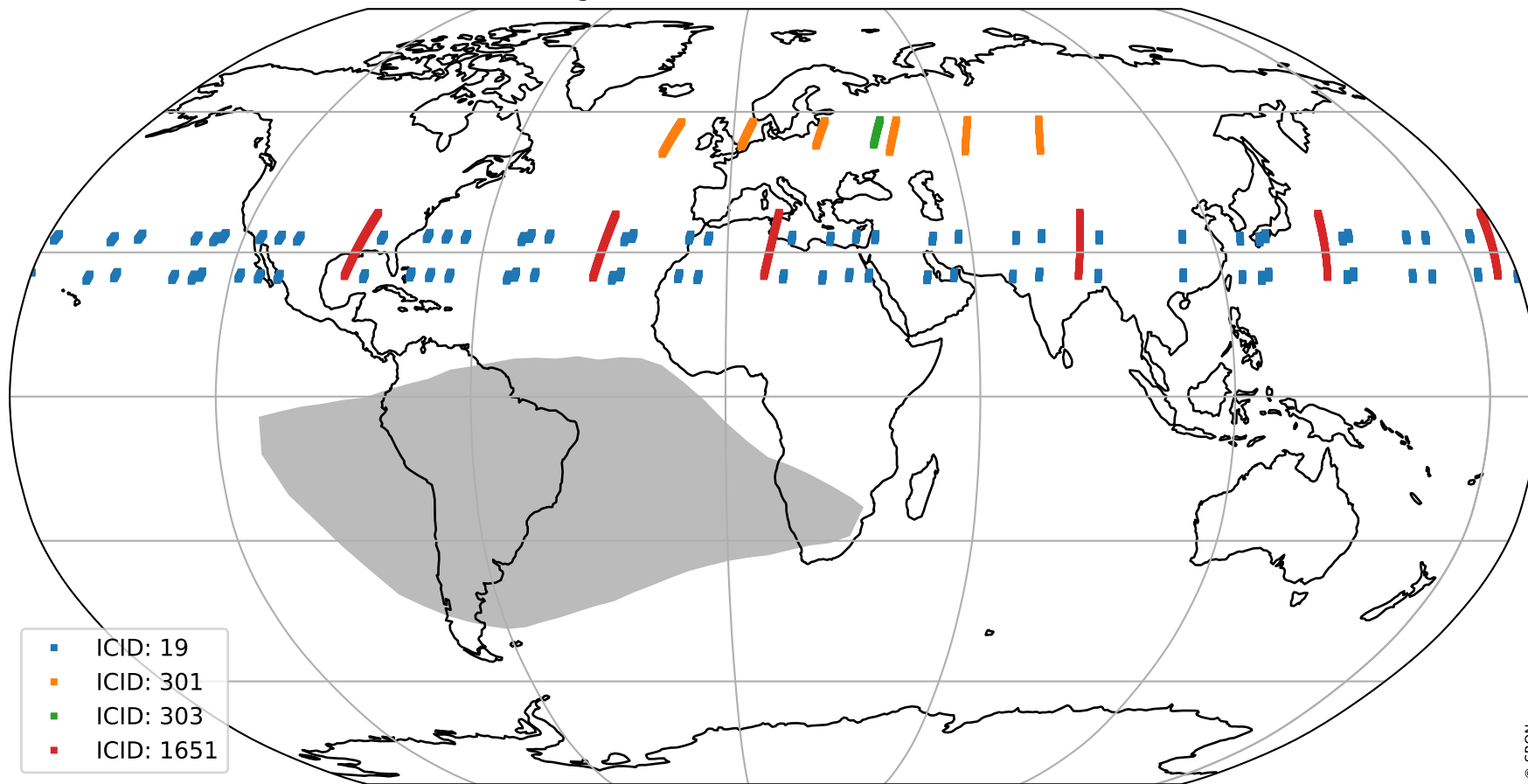
Tropomi SWIR background noise (swir)

orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
median : 0.98247
spread : 0.16049
created : 2023-08-21T16:21:00



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

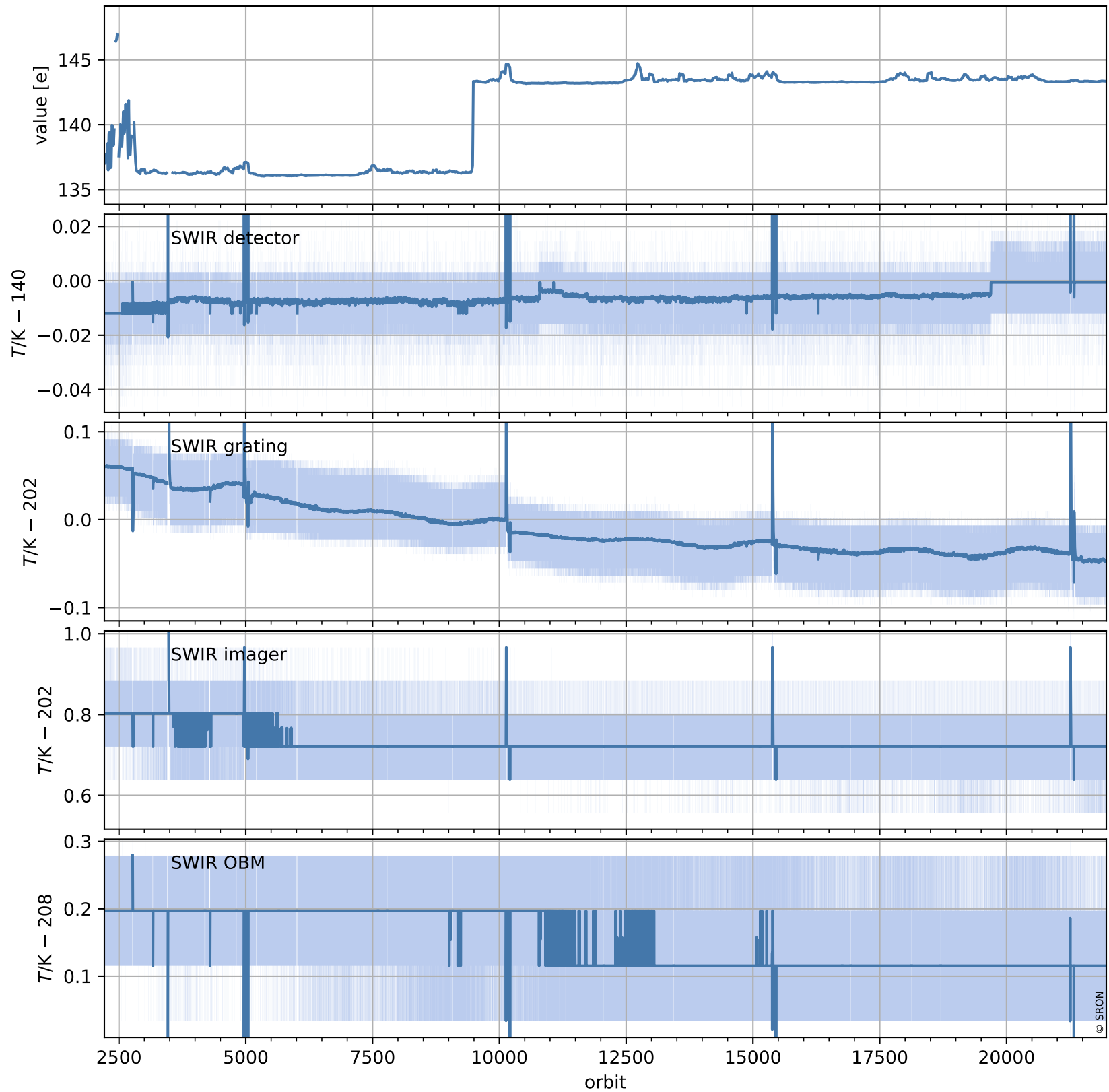
orbits : 13 in [21892, 21967]
coverage : 2022-01-02 / 2022-01-08
created : 2023-08-21T16:21:00



Tropomi SWIR background noise (swir)

orbits : [2212, 21967]
coverage : 2018-03-18 / 2022-01-08
created : 2023-08-21T16:21:00

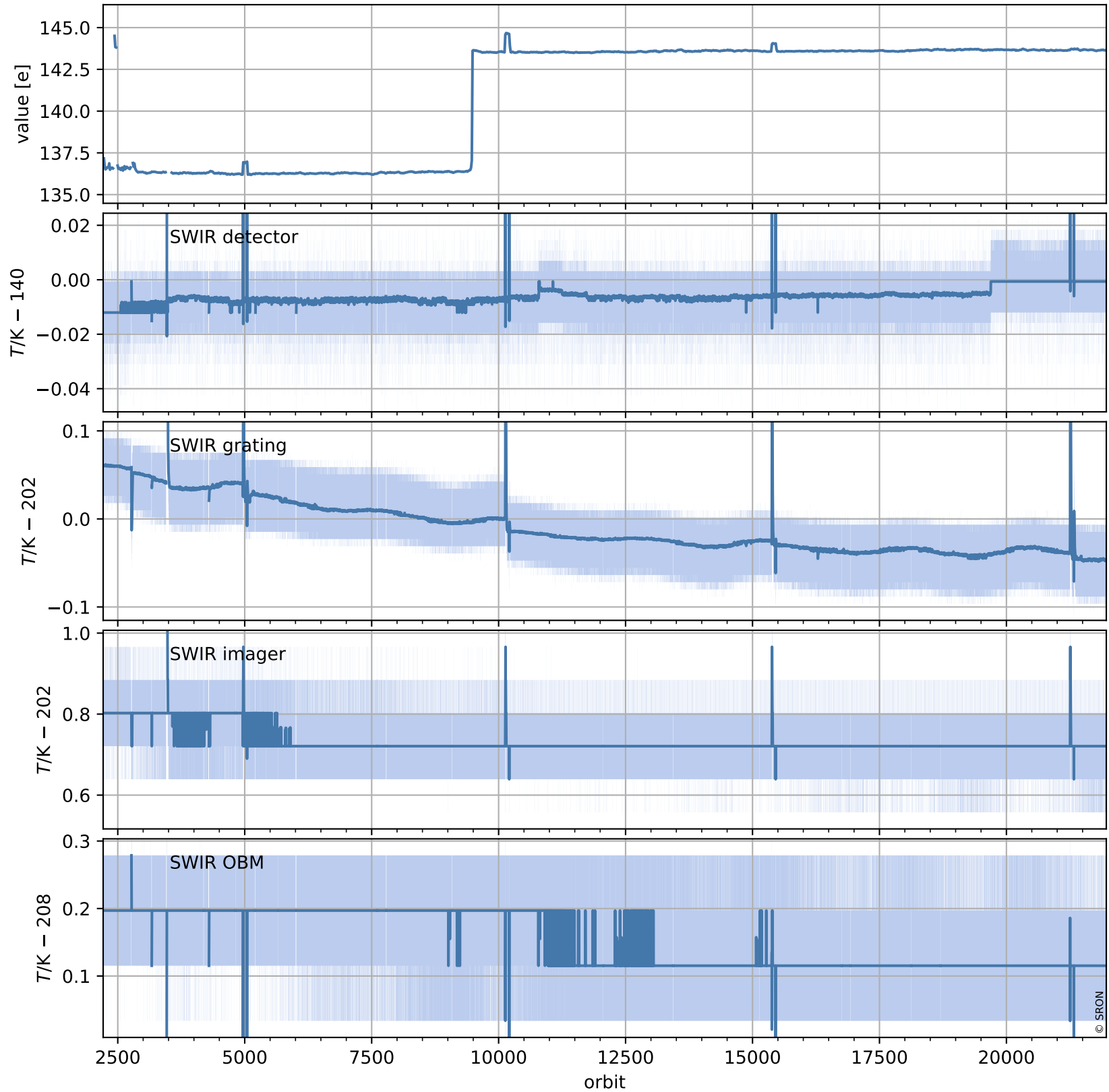
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21967]
coverage : 2018-03-18 / 2022-01-08
created : 2023-08-21T16:21:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21967]
coverage : 2018-03-18 / 2022-01-08
created : 2023-08-21T16:21:02

trend of normalized read-noise & temperatures

