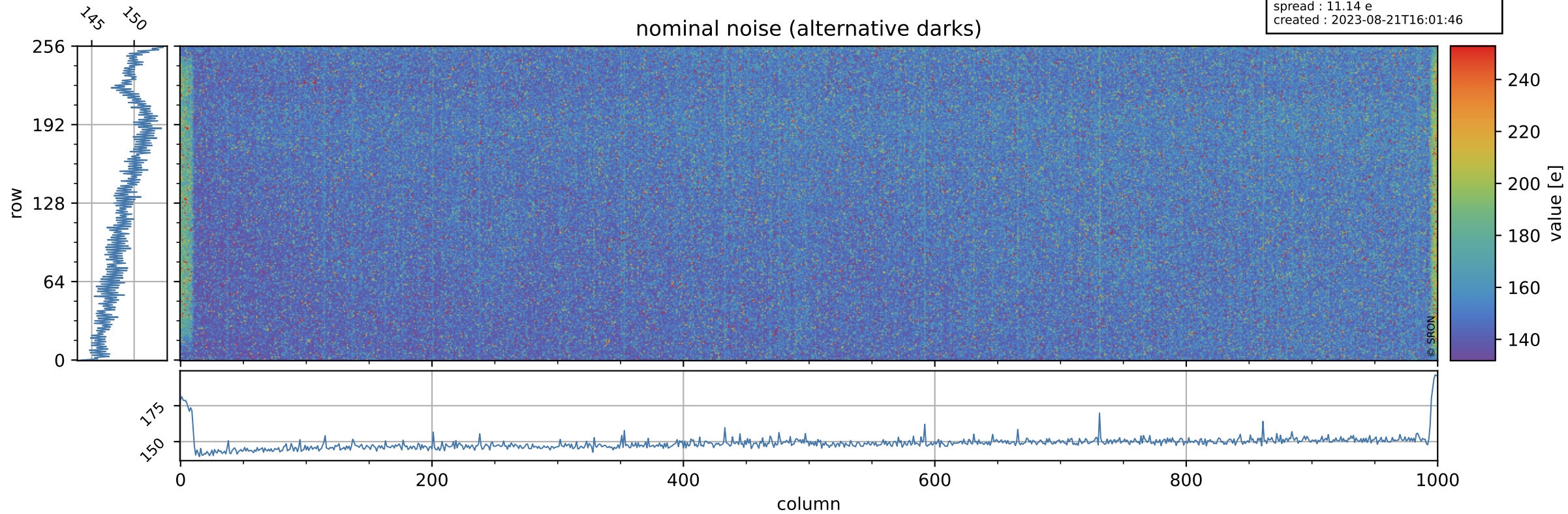


# Tropomi SWIR background noise (swir)

orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.77 e  
spread : 11.14 e  
created : 2023-08-21T16:01:46

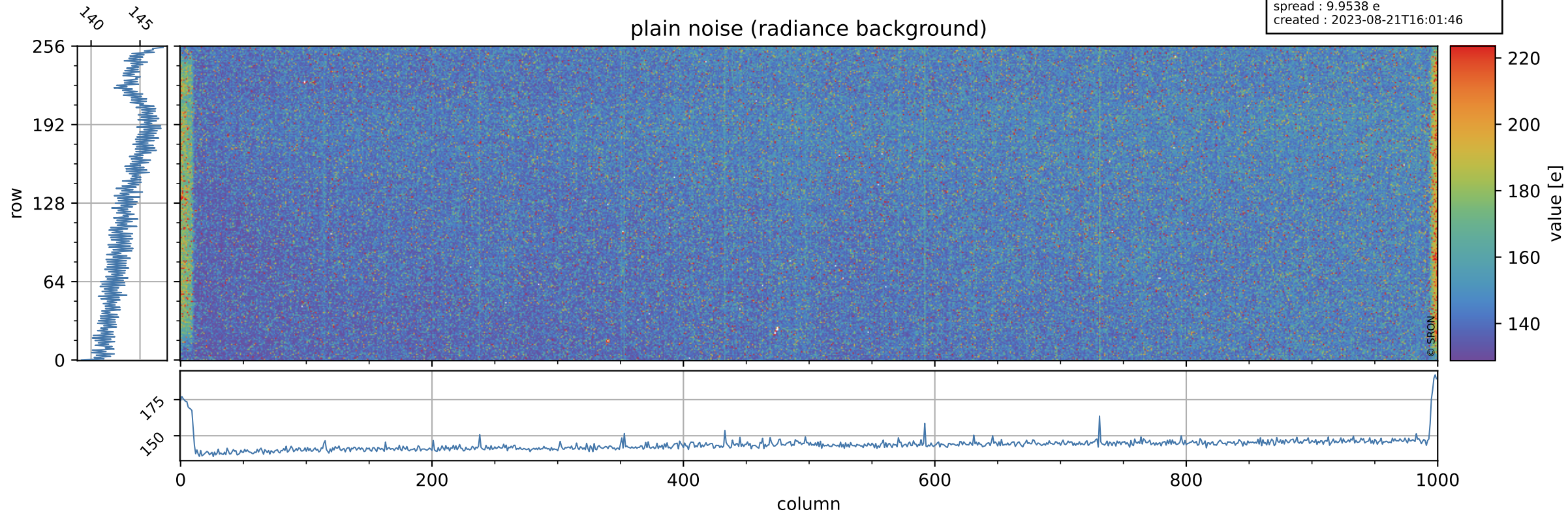
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.62 e  
spread : 9.9538 e  
created : 2023-08-21T16:01:46

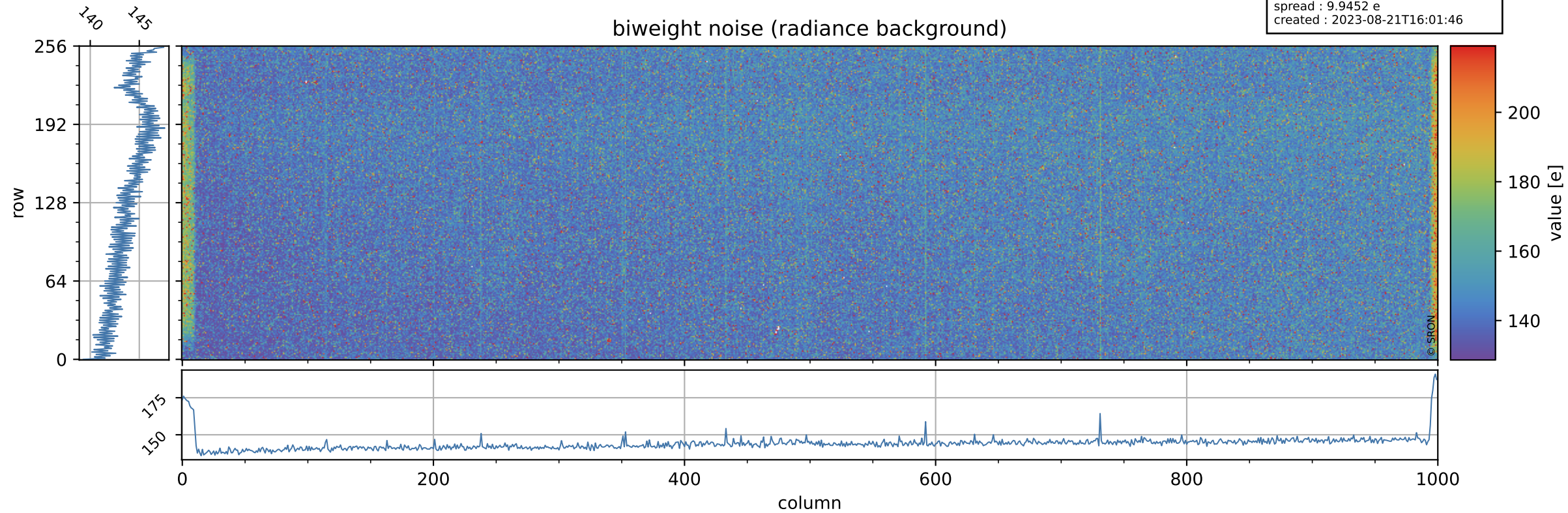
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

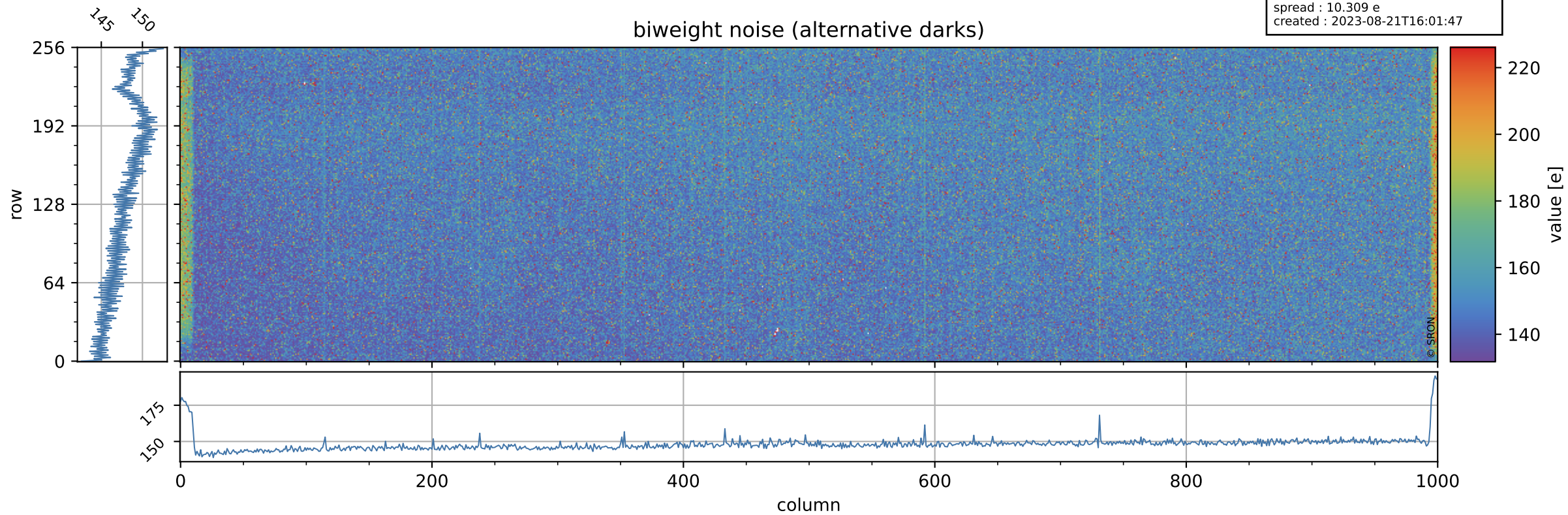
orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 9.9452 e  
created : 2023-08-21T16:01:46

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

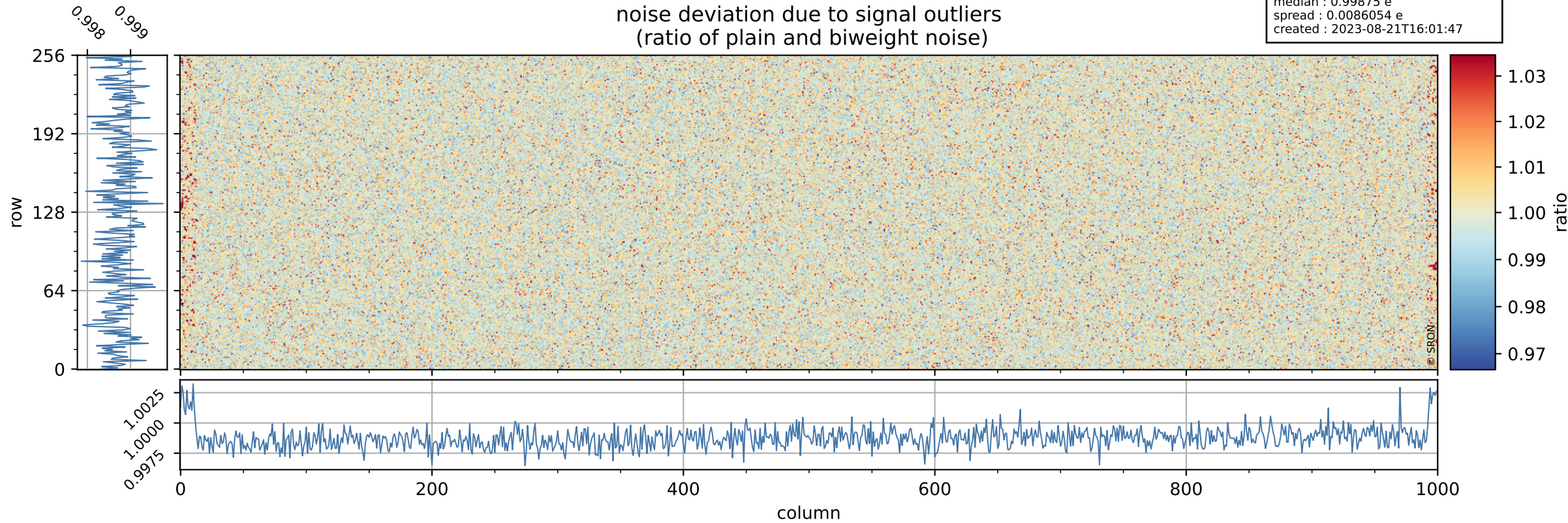
orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.74 e  
spread : 10.309 e  
created : 2023-08-21T16:01:47



# Tropomi SWIR background noise (swir)

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

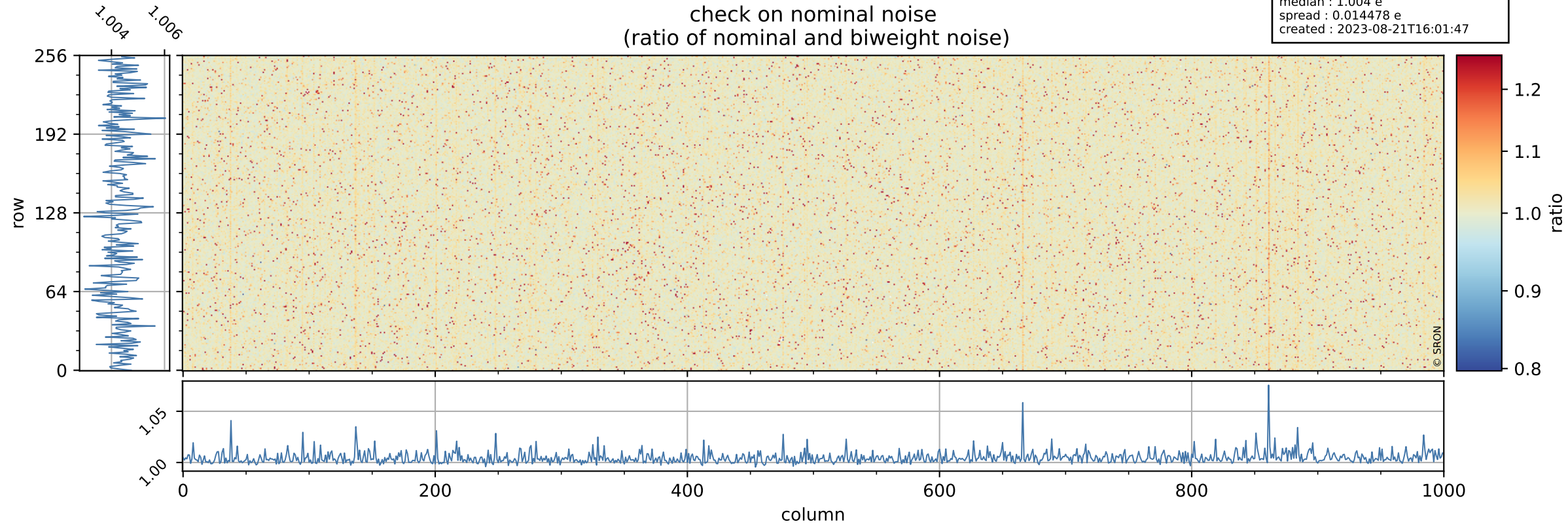
orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
median : 0.99875 e  
spread : 0.0086054 e  
created : 2023-08-21T16:01:47



# Tropomi SWIR background noise (swir)

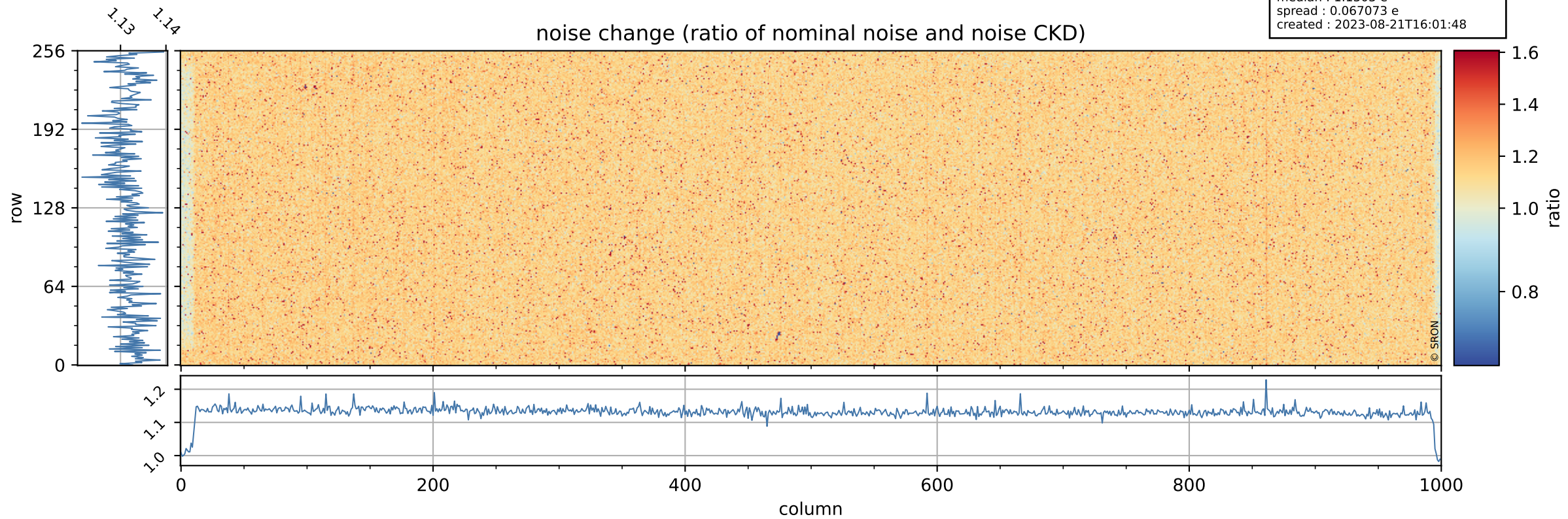
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
median : 1.004 e  
spread : 0.014478 e  
created : 2023-08-21T16:01:47



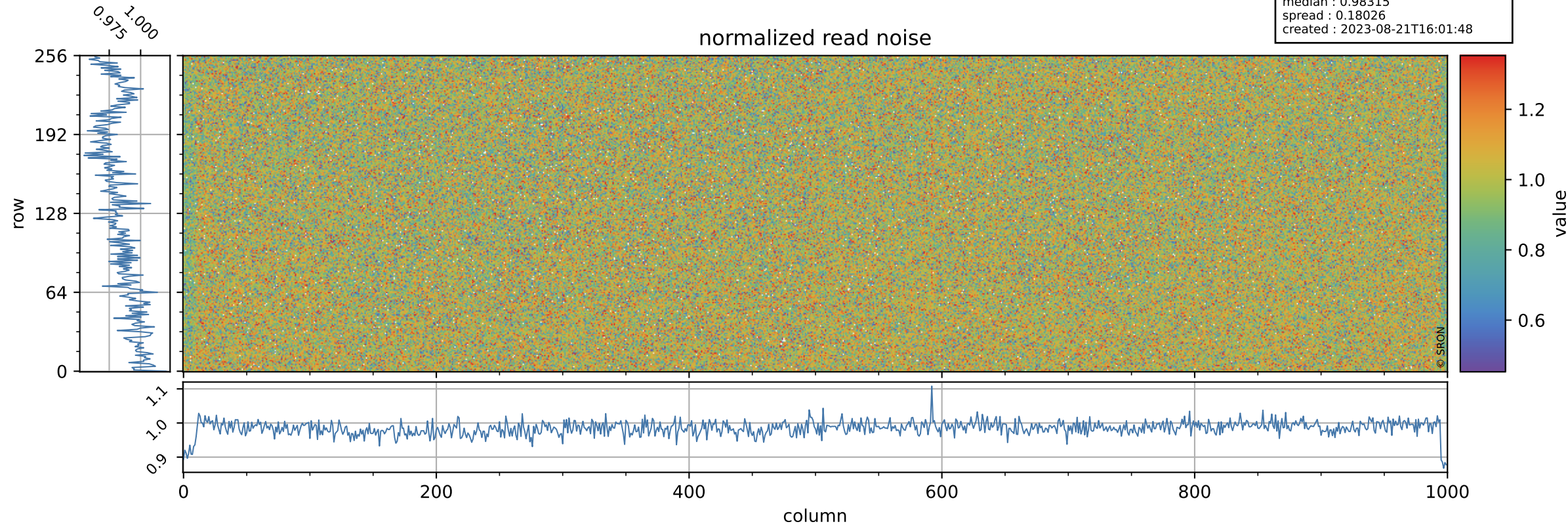
# Tropomi SWIR background noise (swir)

orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
median : 1.1303 e  
spread : 0.067073 e  
created : 2023-08-21T16:01:48



# Tropomi SWIR background noise (swir)

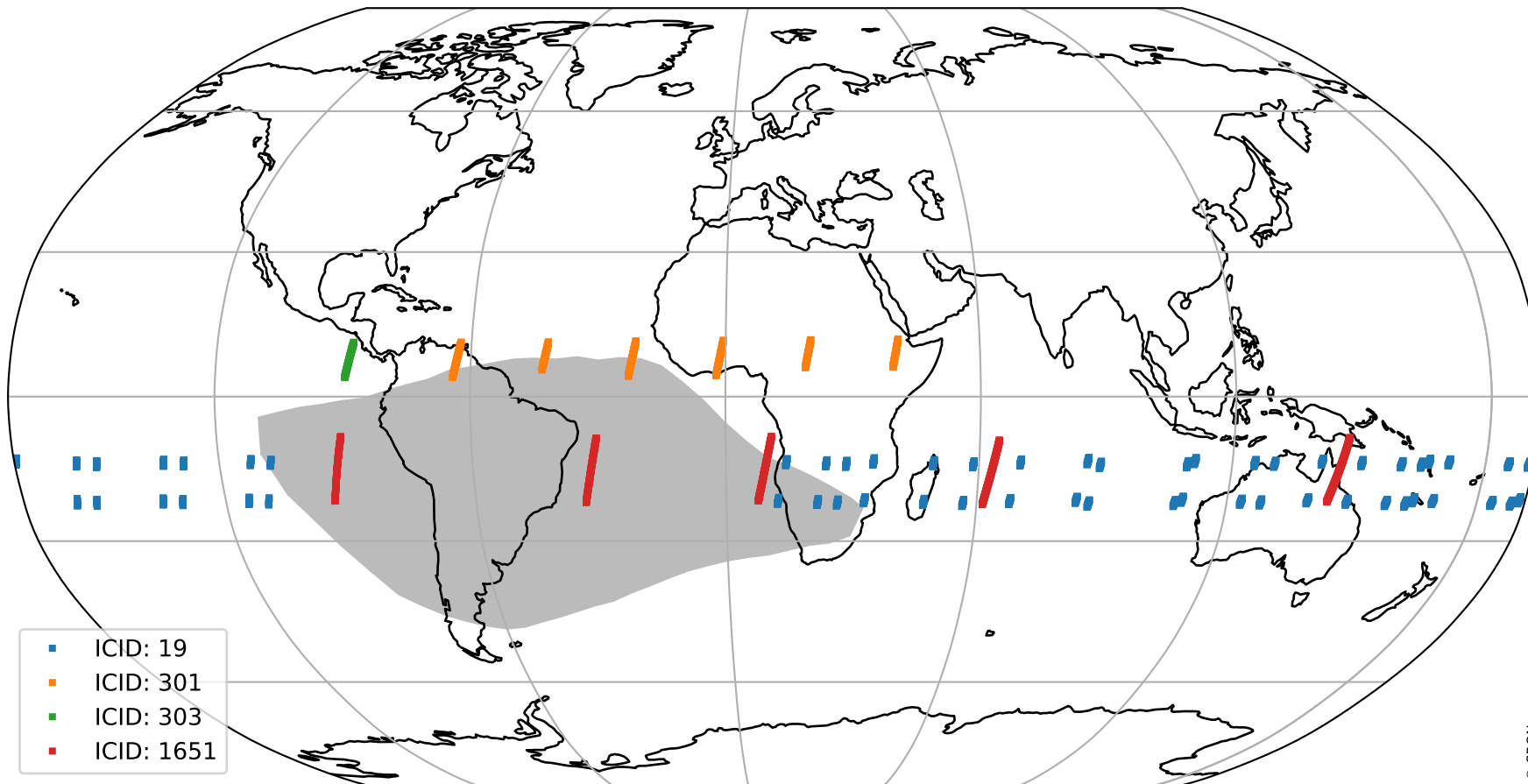
orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
median : 0.98315  
spread : 0.18026  
created : 2023-08-21T16:01:48





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

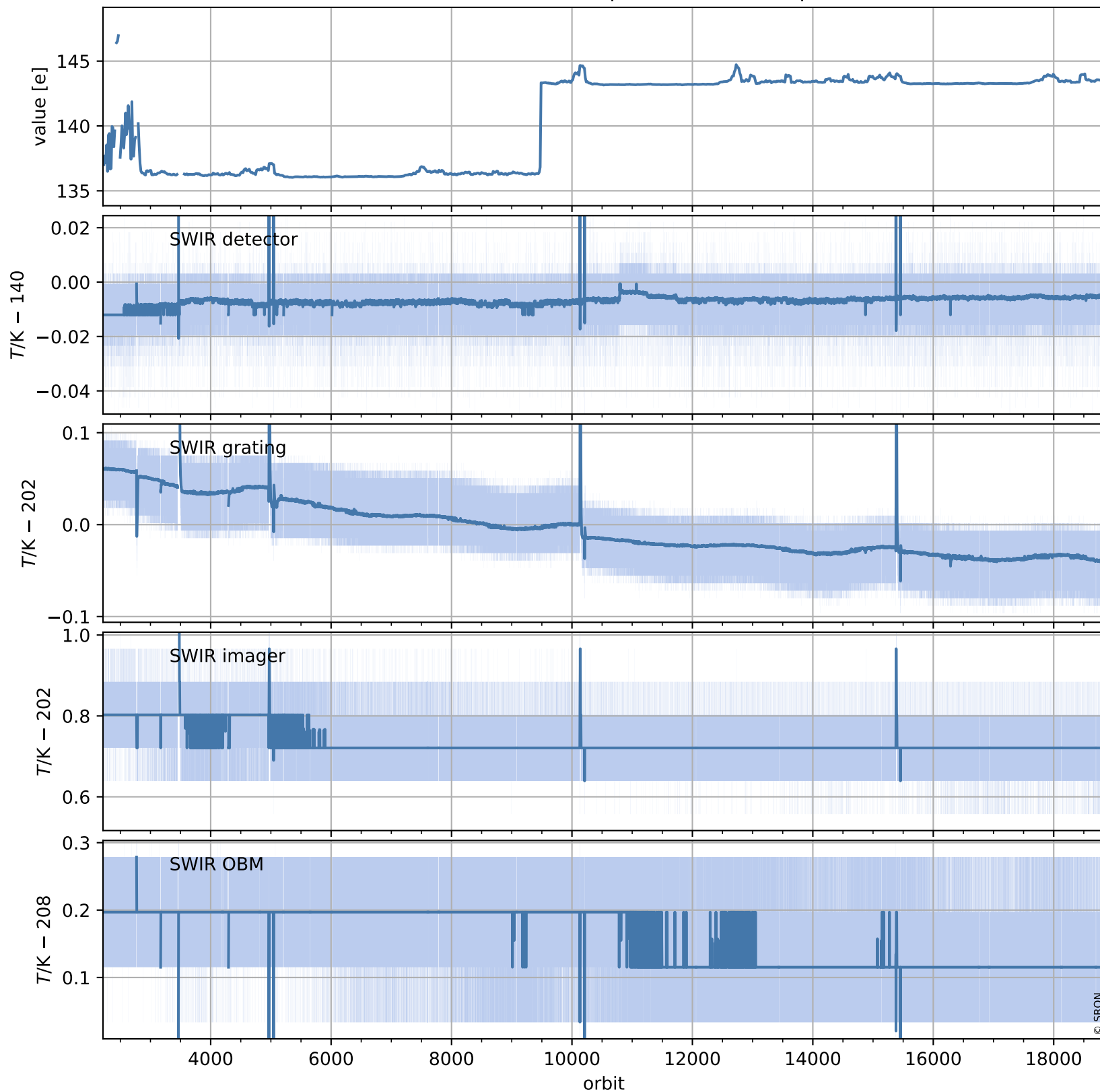
orbits : 12 in [18757, 18847]  
coverage : 2021-05-27 / 2021-06-02  
created : 2023-08-21T16:01:48



# Tropomi SWIR background noise (swir)

orbits : [2212, 18847]  
coverage : 2018-03-18 / 2021-06-02  
created : 2023-08-21T16:01:49

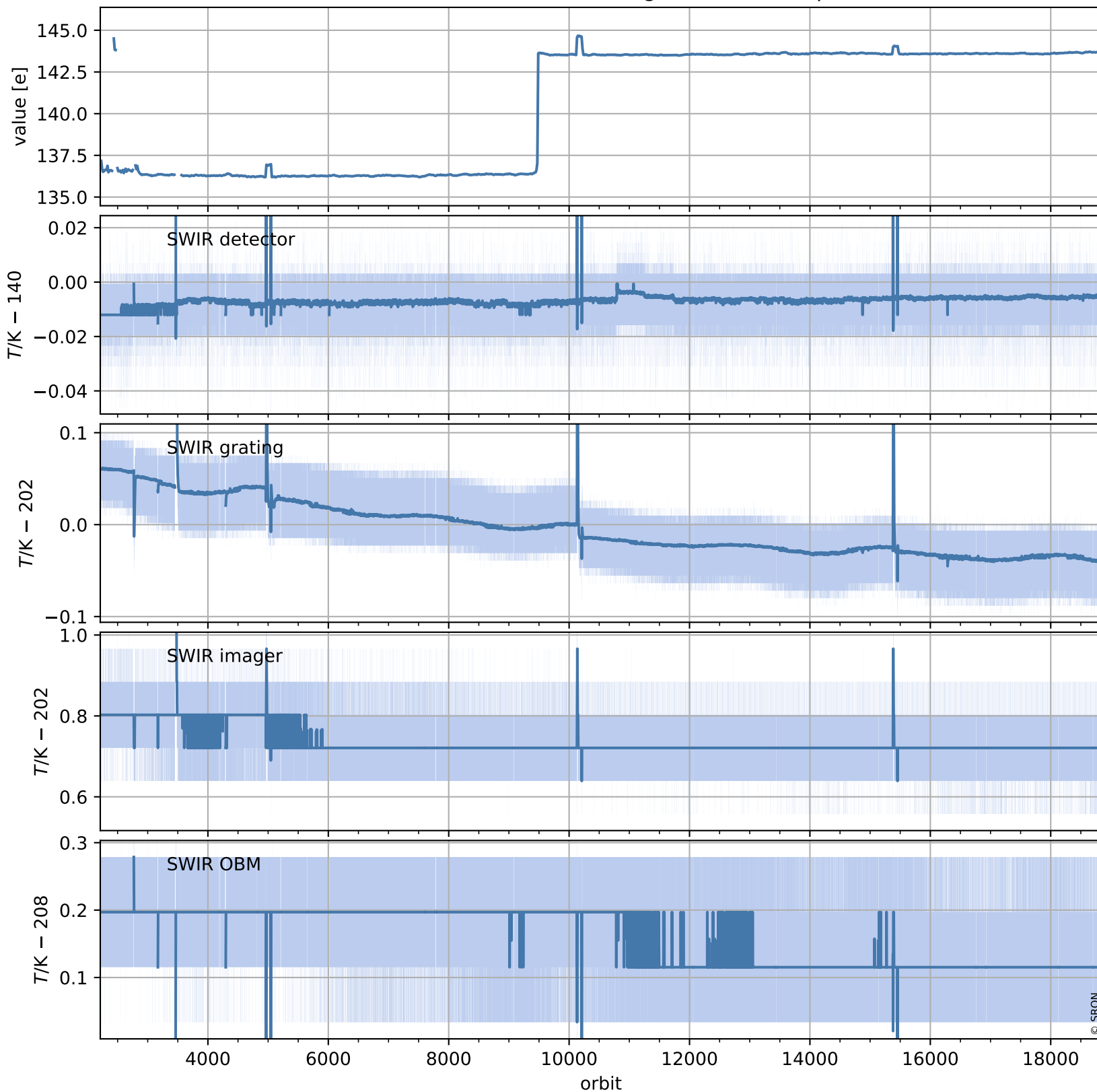
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18847]  
coverage : 2018-03-18 / 2021-06-02  
created : 2023-08-21T16:01:49

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18847]  
coverage : 2018-03-18 / 2021-06-02  
created : 2023-08-21T16:01:50

## trend of normalized read-noise & temperatures

