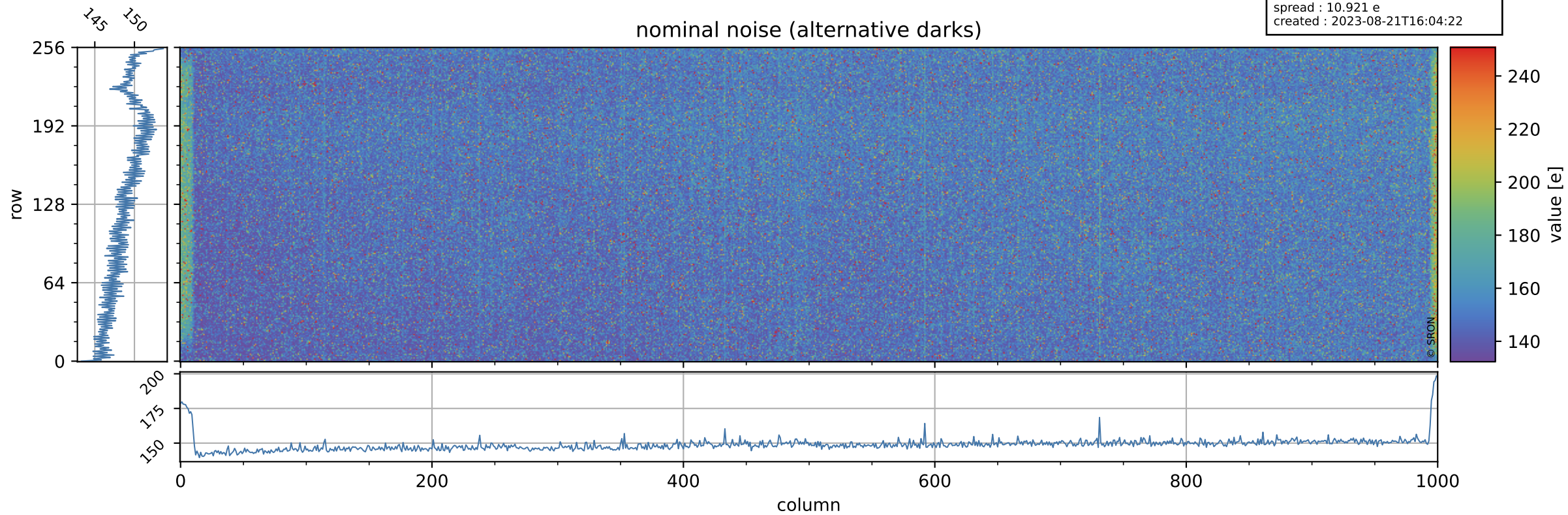


# Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.72 e  
spread : 10.921 e  
created : 2023-08-21T16:04:22

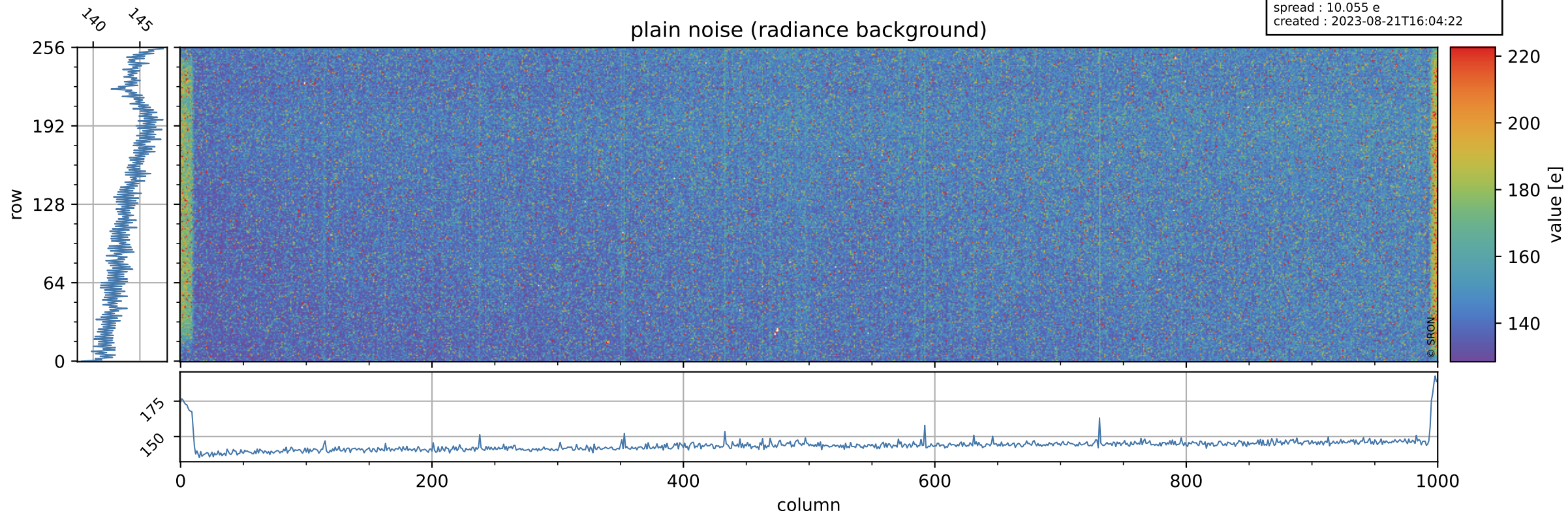
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.6 e  
spread : 10.055 e  
created : 2023-08-21T16:04:22

## plain noise (radiance background)

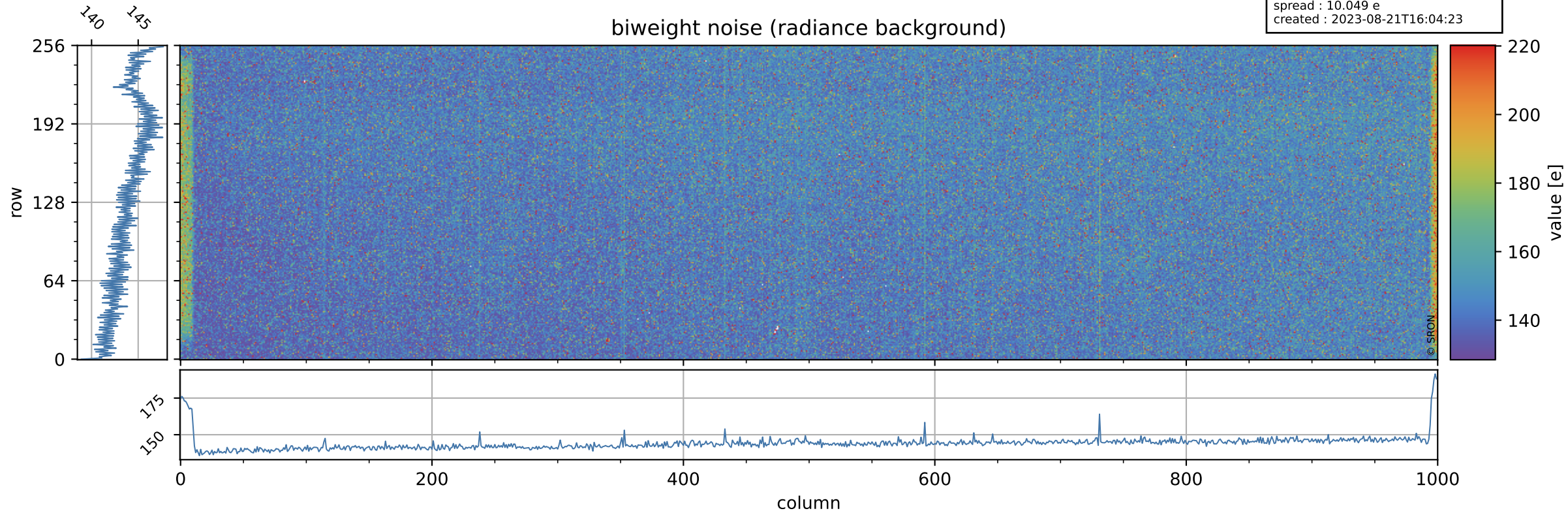




# Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 10.049 e  
created : 2023-08-21T16:04:23

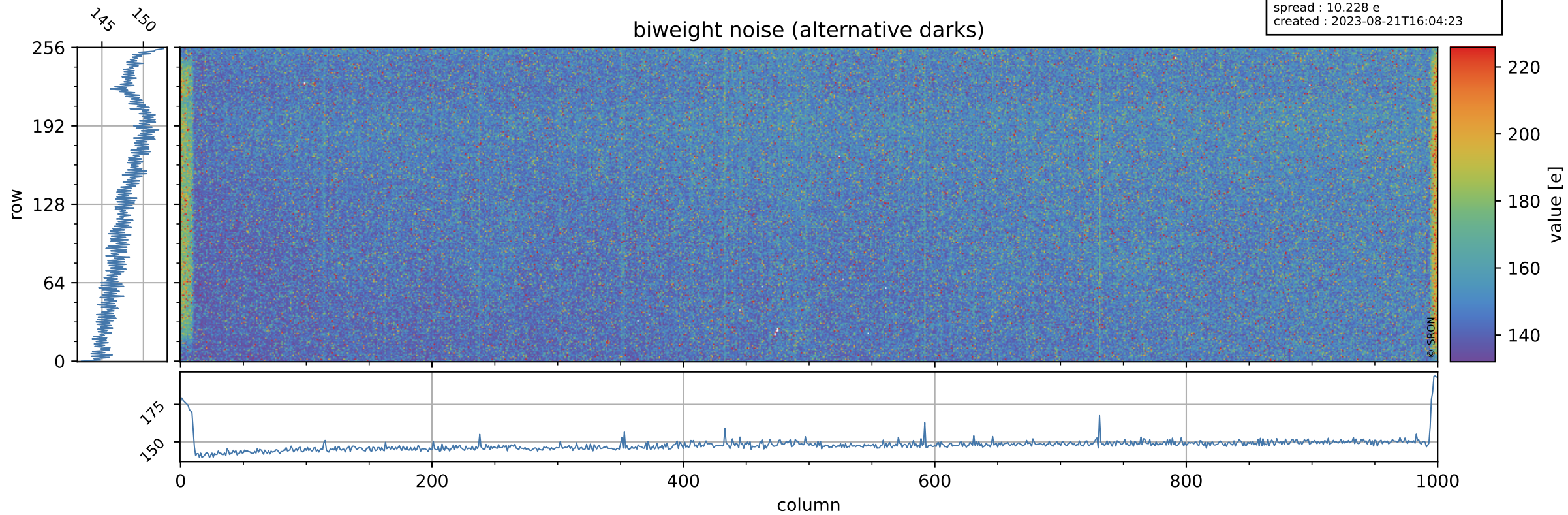
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.72 e  
spread : 10.228 e  
created : 2023-08-21T16:04:23

## biweight noise (alternative darks)

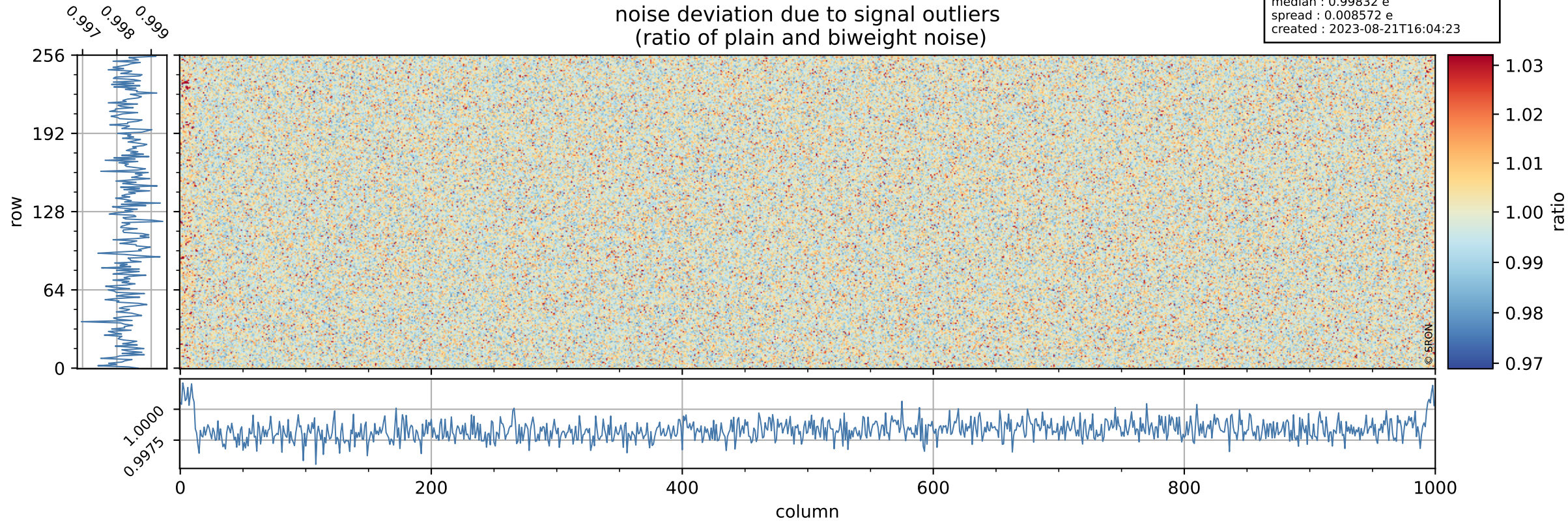




# Tropomi SWIR background noise (swir)

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

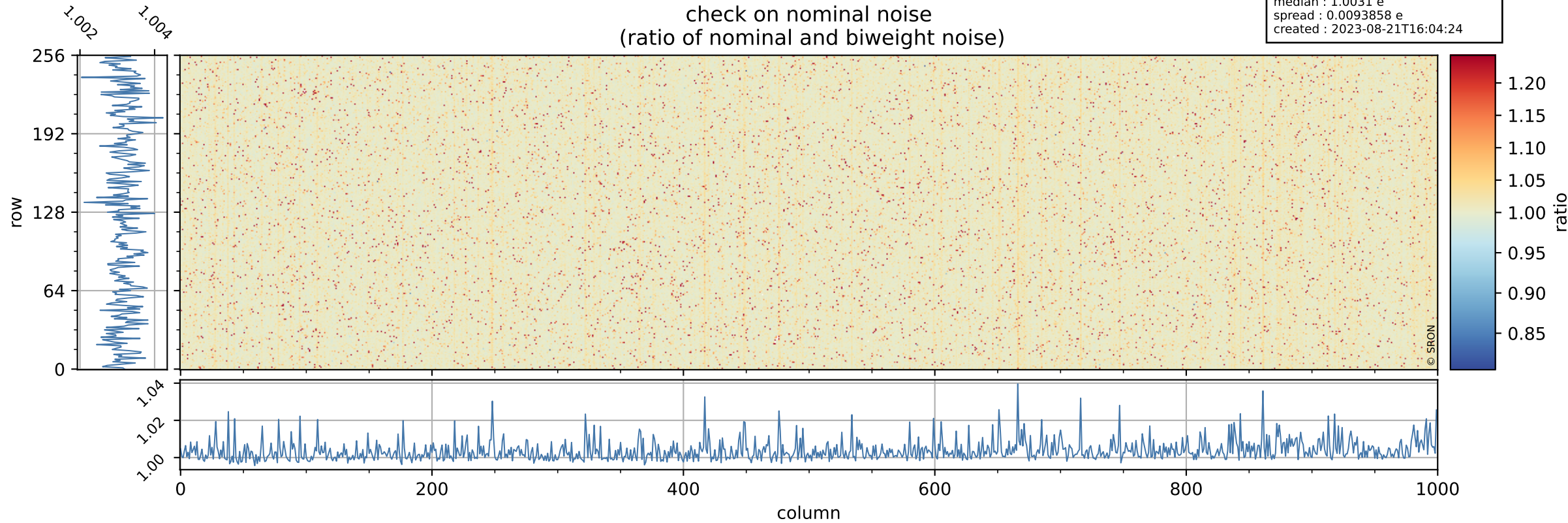
orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
median : 0.99832 e  
spread : 0.008572 e  
created : 2023-08-21T16:04:23



# Tropomi SWIR background noise (swir)

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

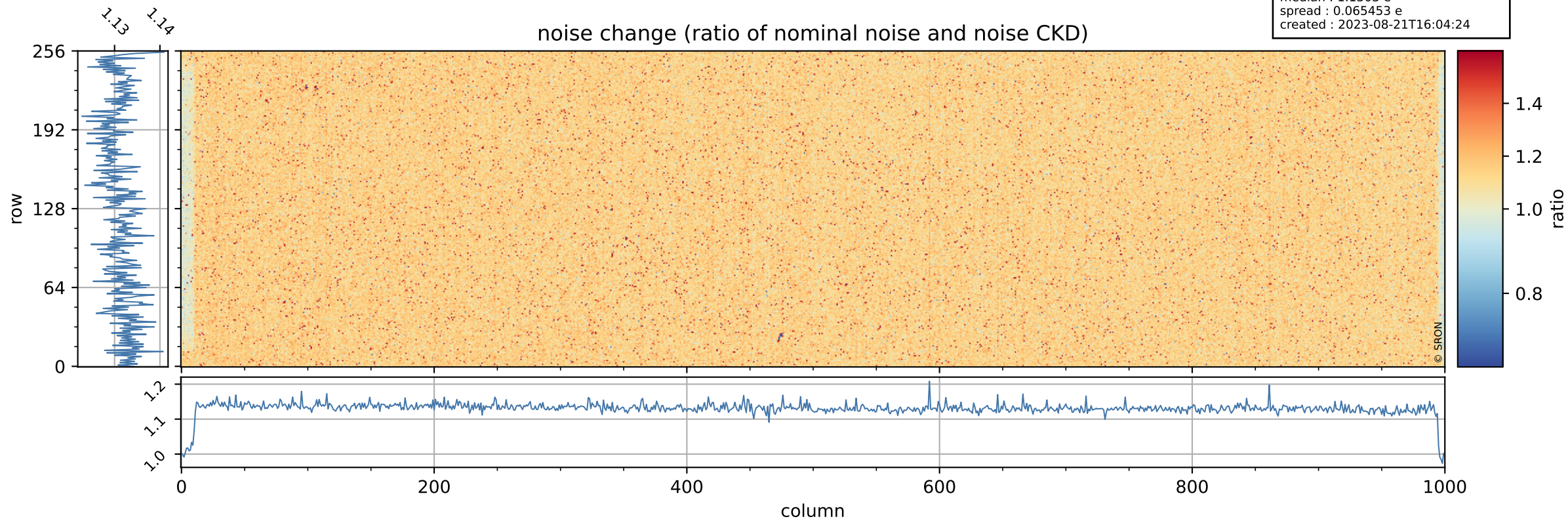
orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
median : 1.0031 e  
spread : 0.0093858 e  
created : 2023-08-21T16:04:24





# Tropomi SWIR background noise (swir)

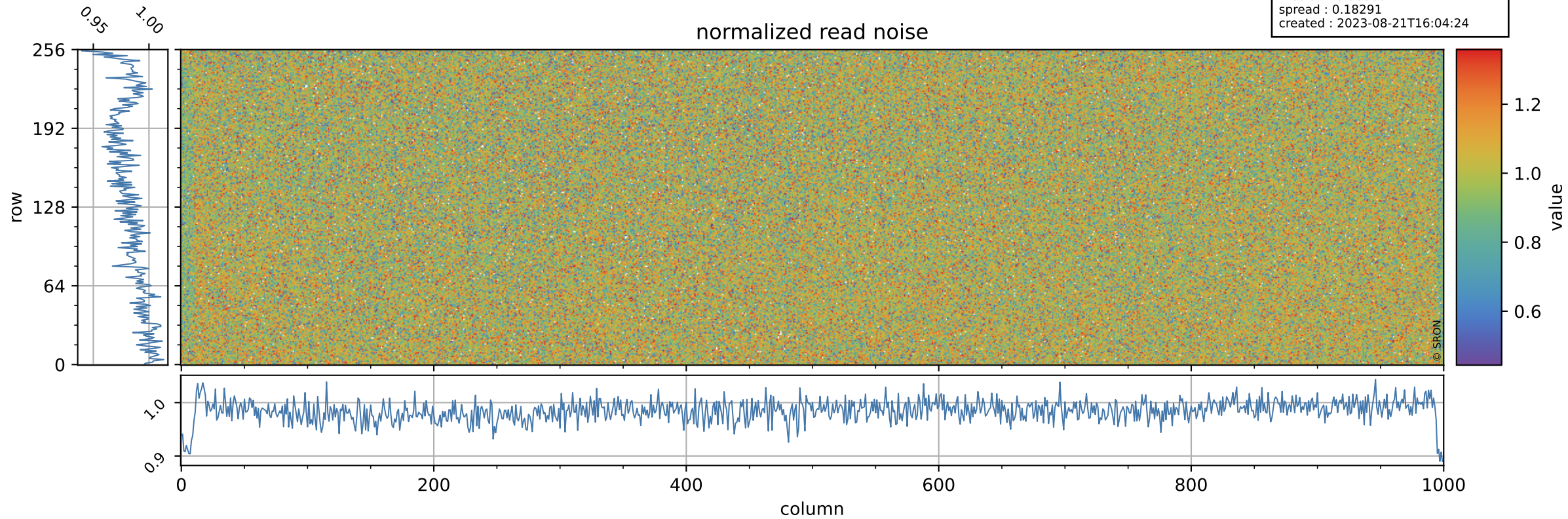
orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
median : 1.1303 e  
spread : 0.065453 e  
created : 2023-08-21T16:04:24





# Tropomi SWIR background noise (swir)

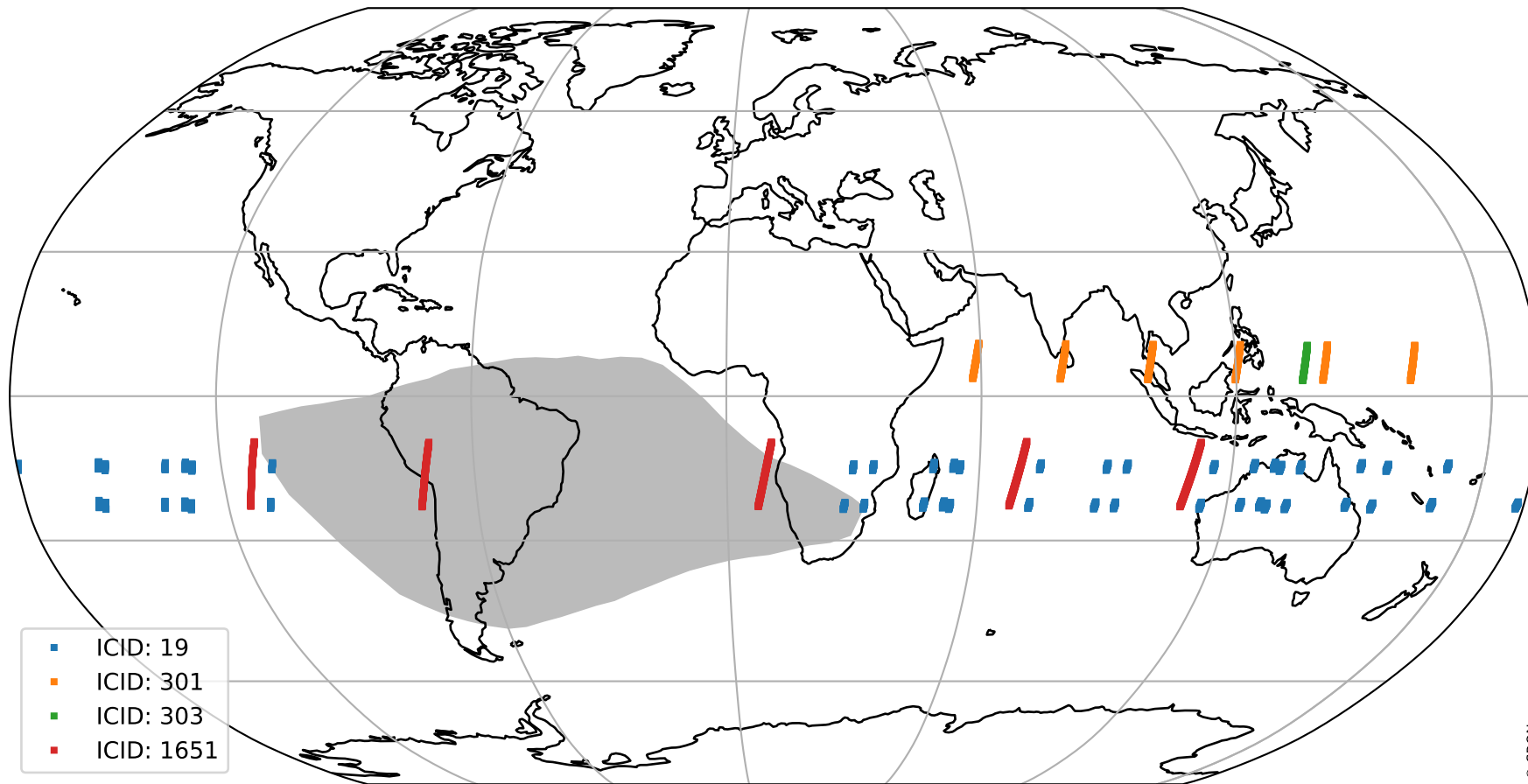
orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
median : 0.98308  
spread : 0.18291  
created : 2023-08-21T16:04:24





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

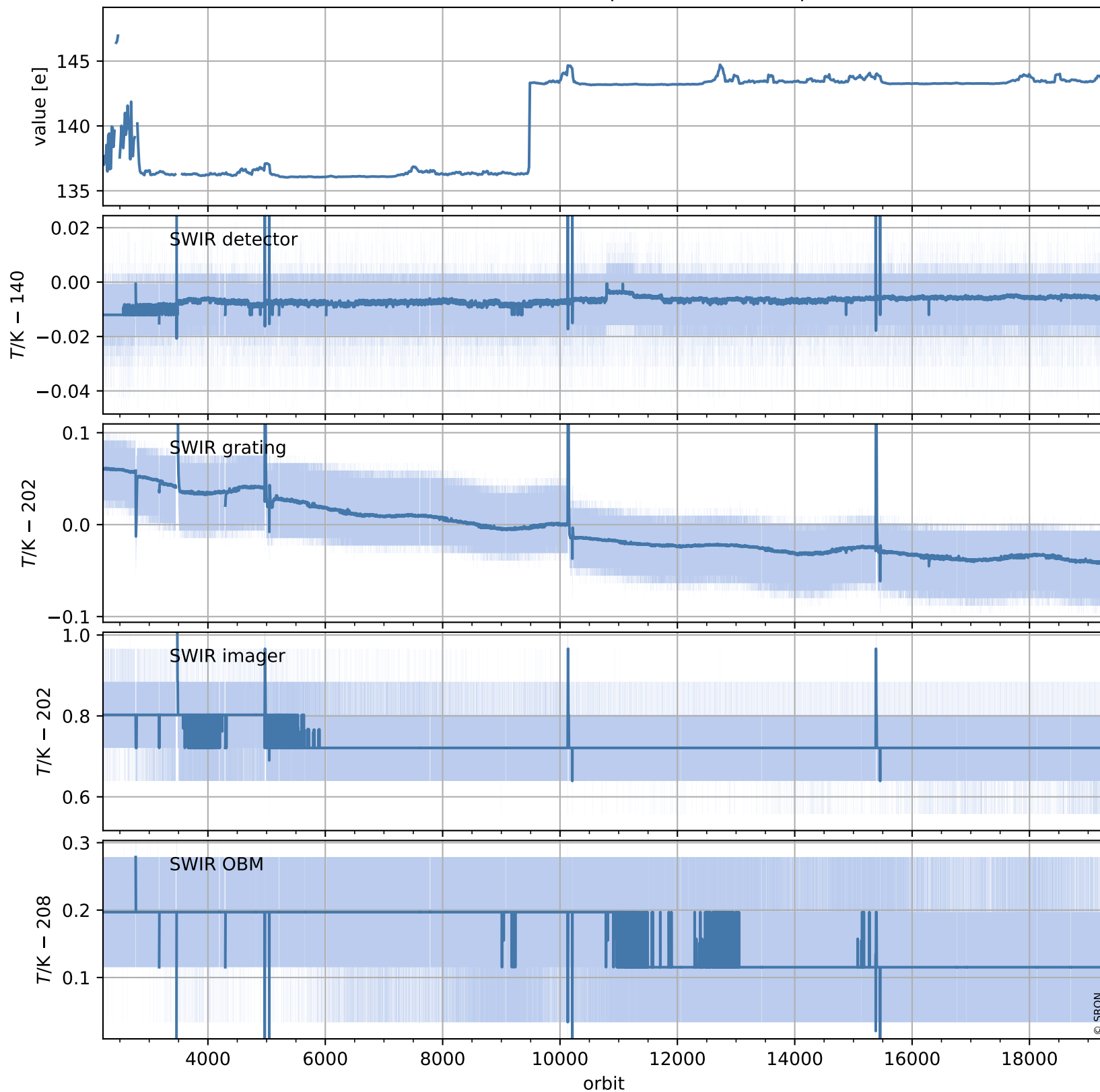
orbits : 12 in [19207, 19282]  
coverage : 2021-06-27 / 2021-07-02  
created : 2023-08-21T16:04:25



# Tropomi SWIR background noise (swir)

orbits : [2212, 19282]  
coverage : 2018-03-18 / 2021-07-02  
created : 2023-08-21T16:04:25

## trend of detector median of plain noise & temperatures

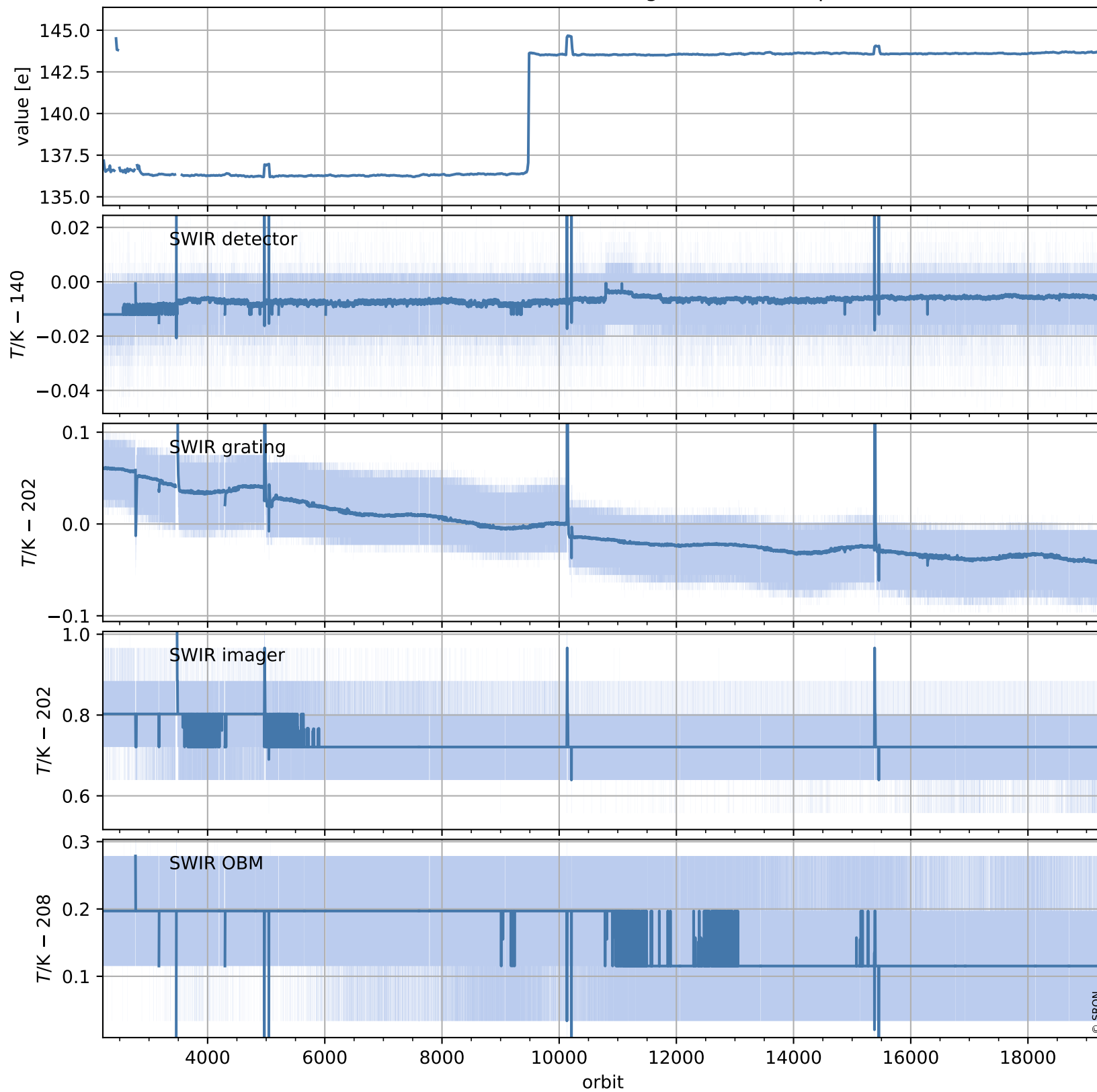




# Tropomi SWIR background noise (swir)

orbits : [2212, 19282]  
coverage : 2018-03-18 / 2021-07-02  
created : 2023-08-21T16:04:26

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19282]  
coverage : 2018-03-18 / 2021-07-02  
created : 2023-08-21T16:04:27

## trend of normalized read-noise & temperatures

