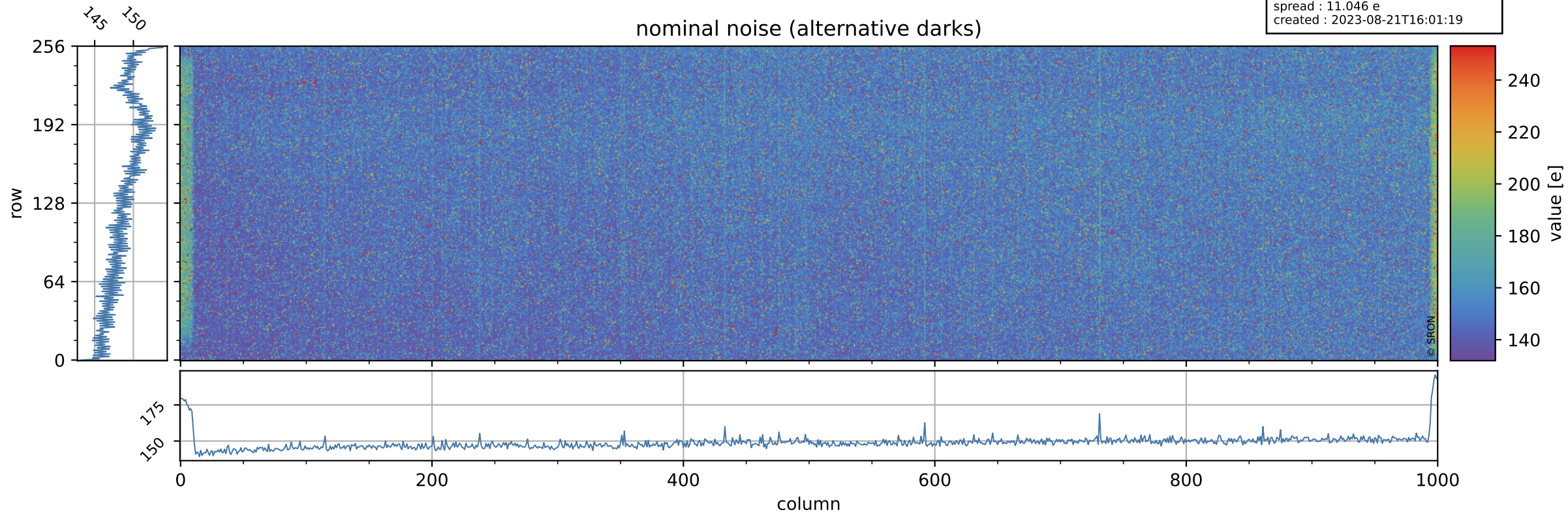


# Tropomi SWIR background noise (swir)

orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
n\_coad, t\_exp : 1, 1.0783  
median : 148.67 e  
spread : 11.046 e  
created : 2023-08-21T16:01:19

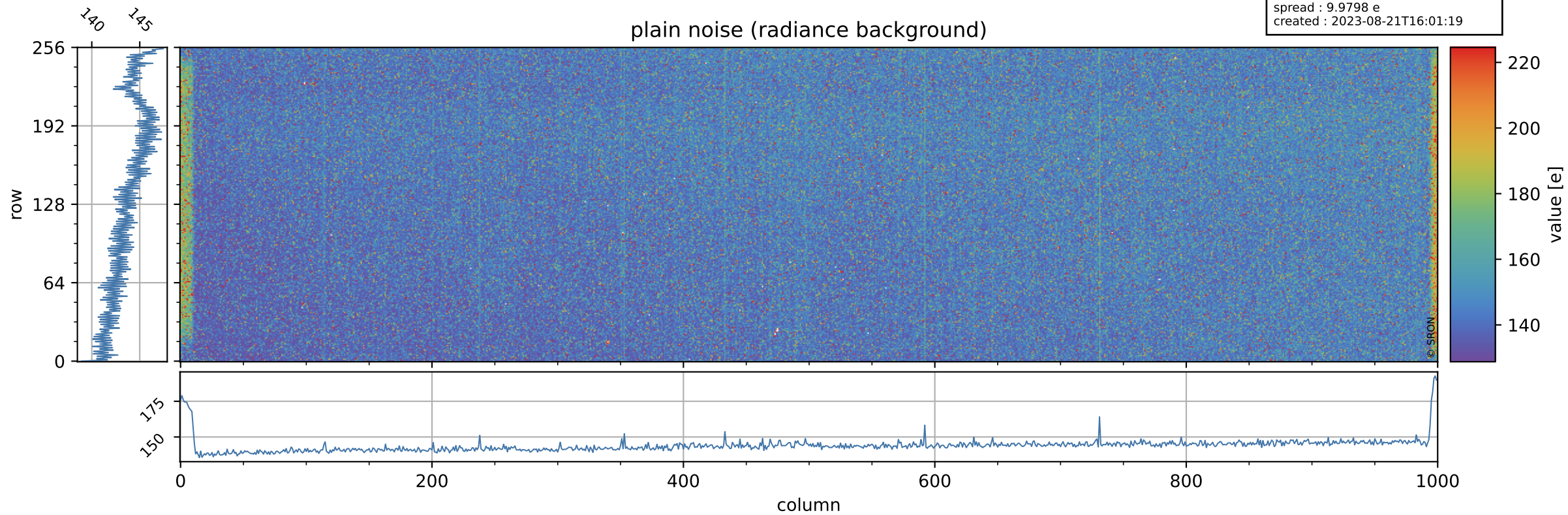
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.67 e  
spread : 9.9798 e  
created : 2023-08-21T16:01:19

plain noise (radiance background)

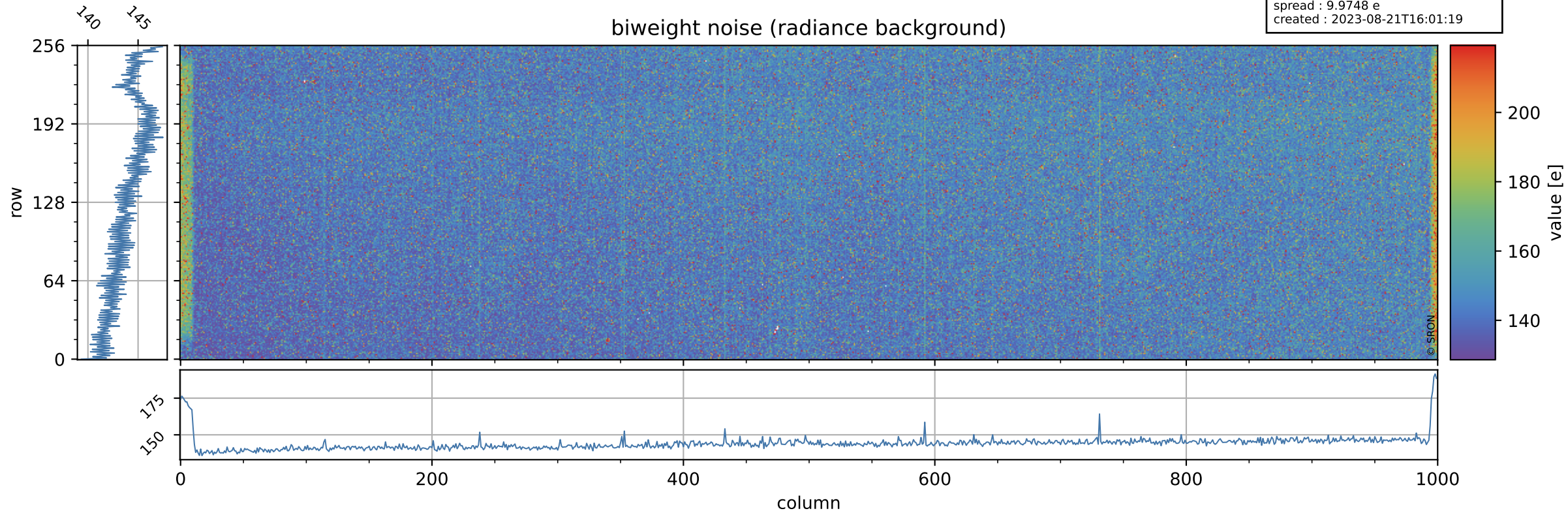




# Tropomi SWIR background noise (swir)

orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.9748 e  
created : 2023-08-21T16:01:19

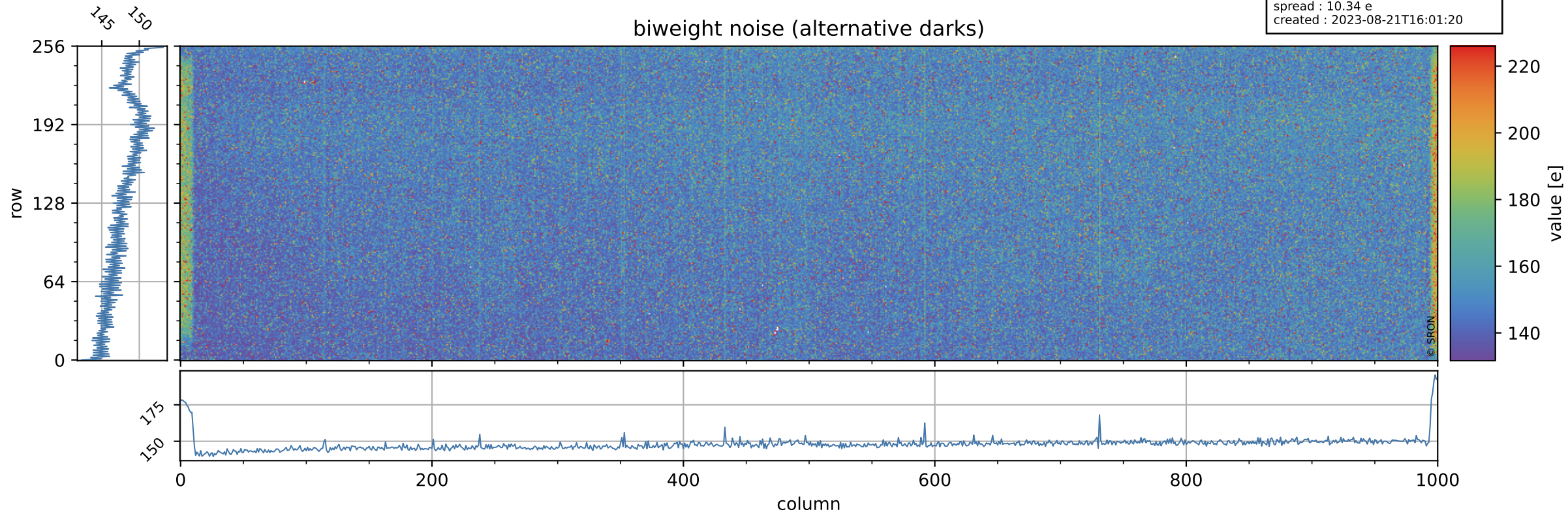
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
n\_coad, t\_exp : 1, 1.0783  
median : 147.72 e  
spread : 10.34 e  
created : 2023-08-21T16:01:20

## biweight noise (alternative darks)

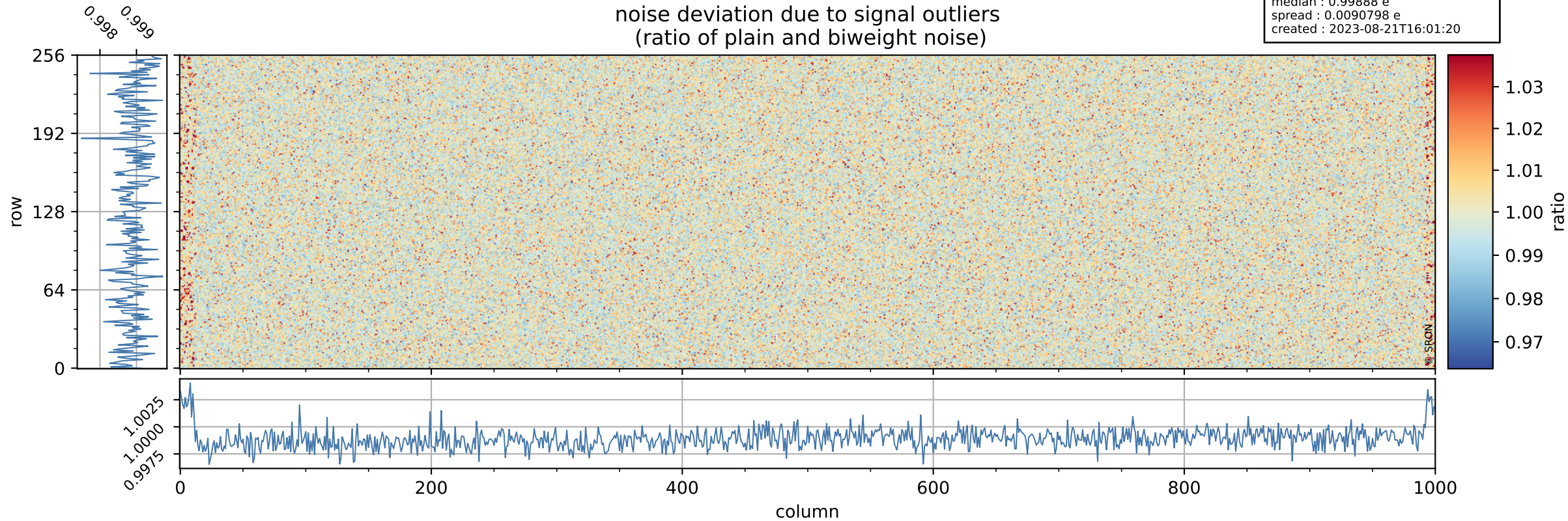




# Tropomi SWIR background noise (swir)

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

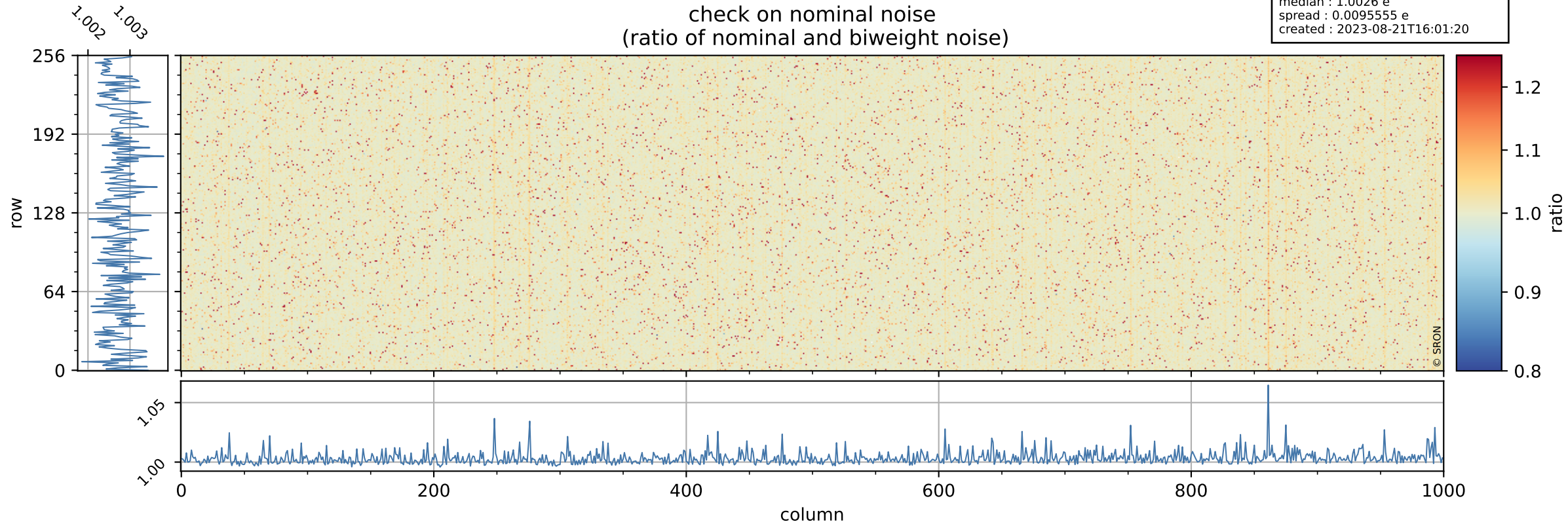
orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
median : 0.99888 e  
spread : 0.0090798 e  
created : 2023-08-21T16:01:20



# Tropomi SWIR background noise (swir)

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

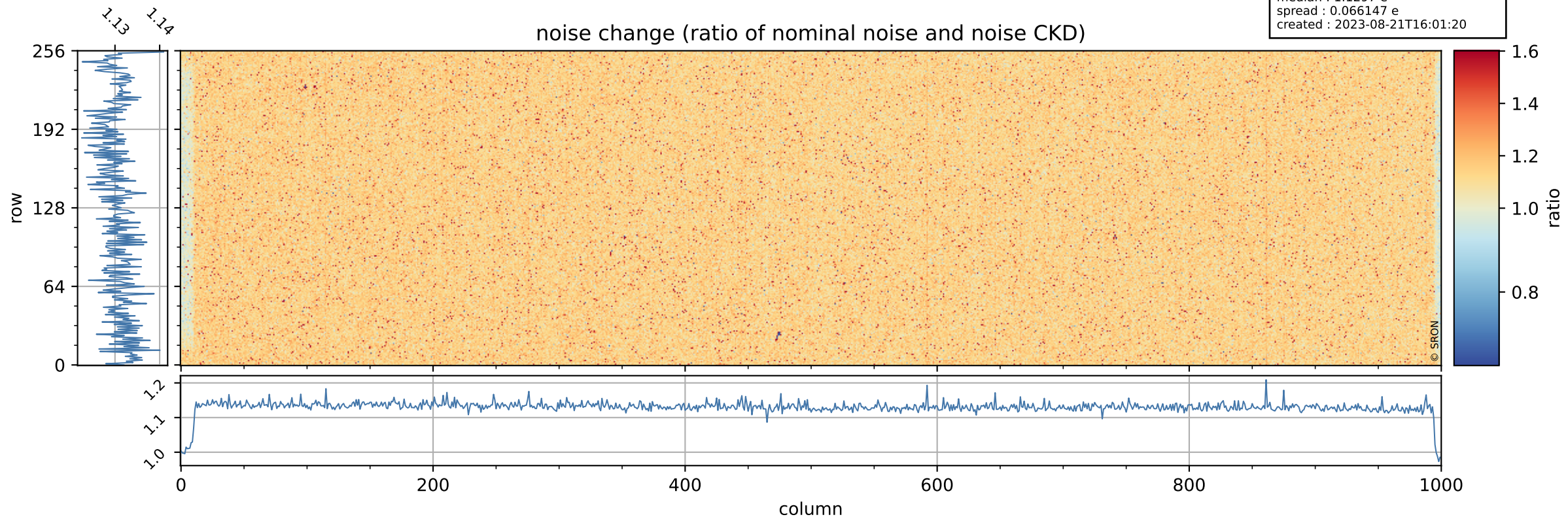
orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
median : 1.0026 e  
spread : 0.0095555 e  
created : 2023-08-21T16:01:20





# Tropomi SWIR background noise (swir)

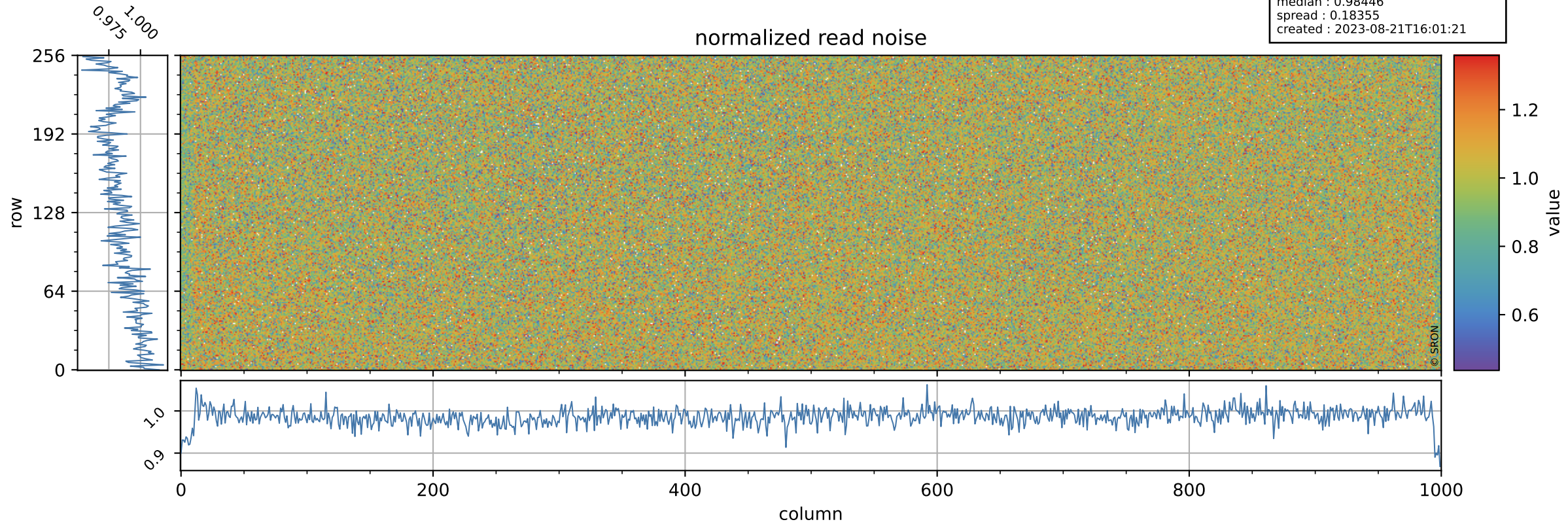
orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
median : 1.1297 e  
spread : 0.066147 e  
created : 2023-08-21T16:01:20





# Tropomi SWIR background noise (swir)

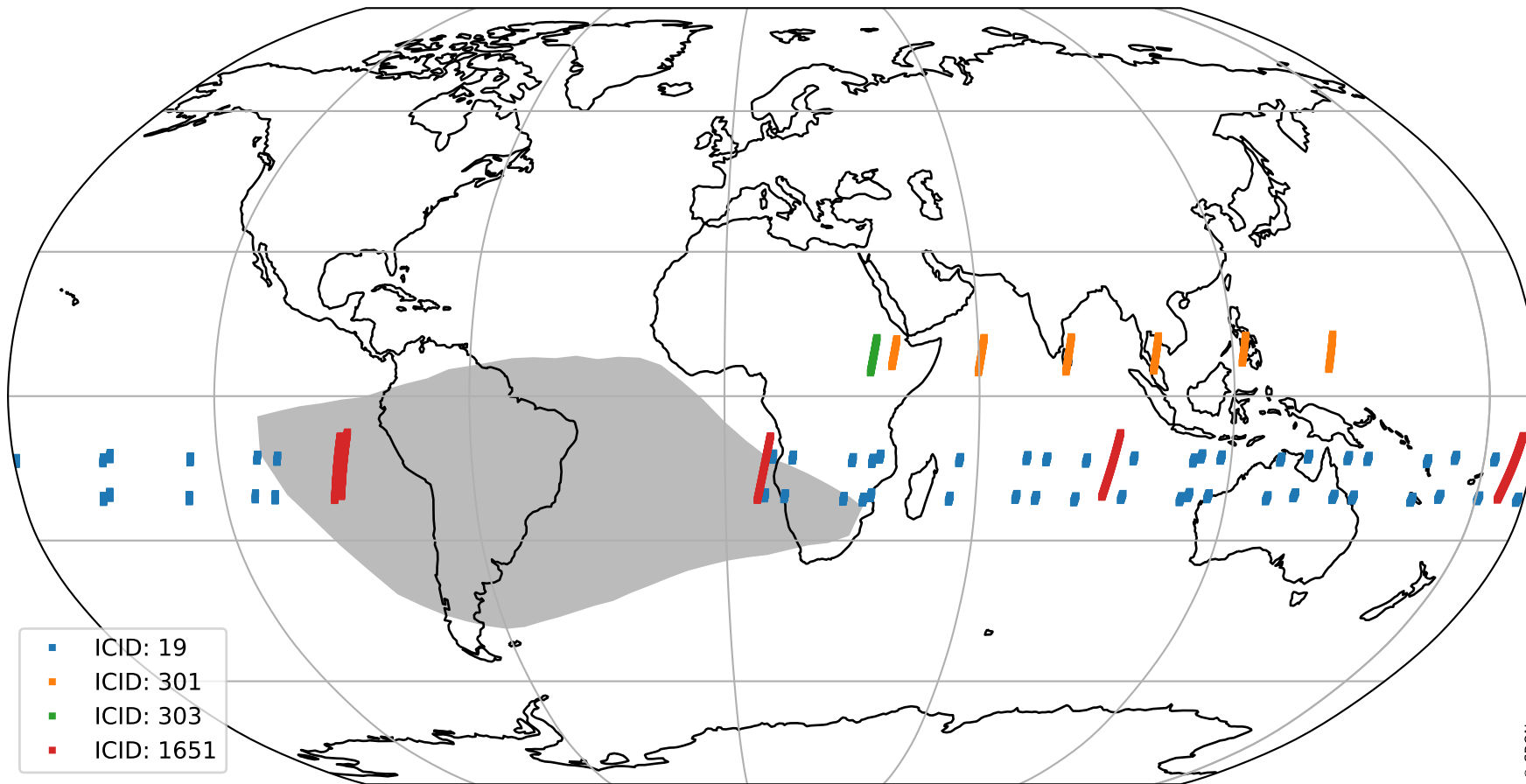
orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
median : 0.98446  
spread : 0.18355  
created : 2023-08-21T16:01:21





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

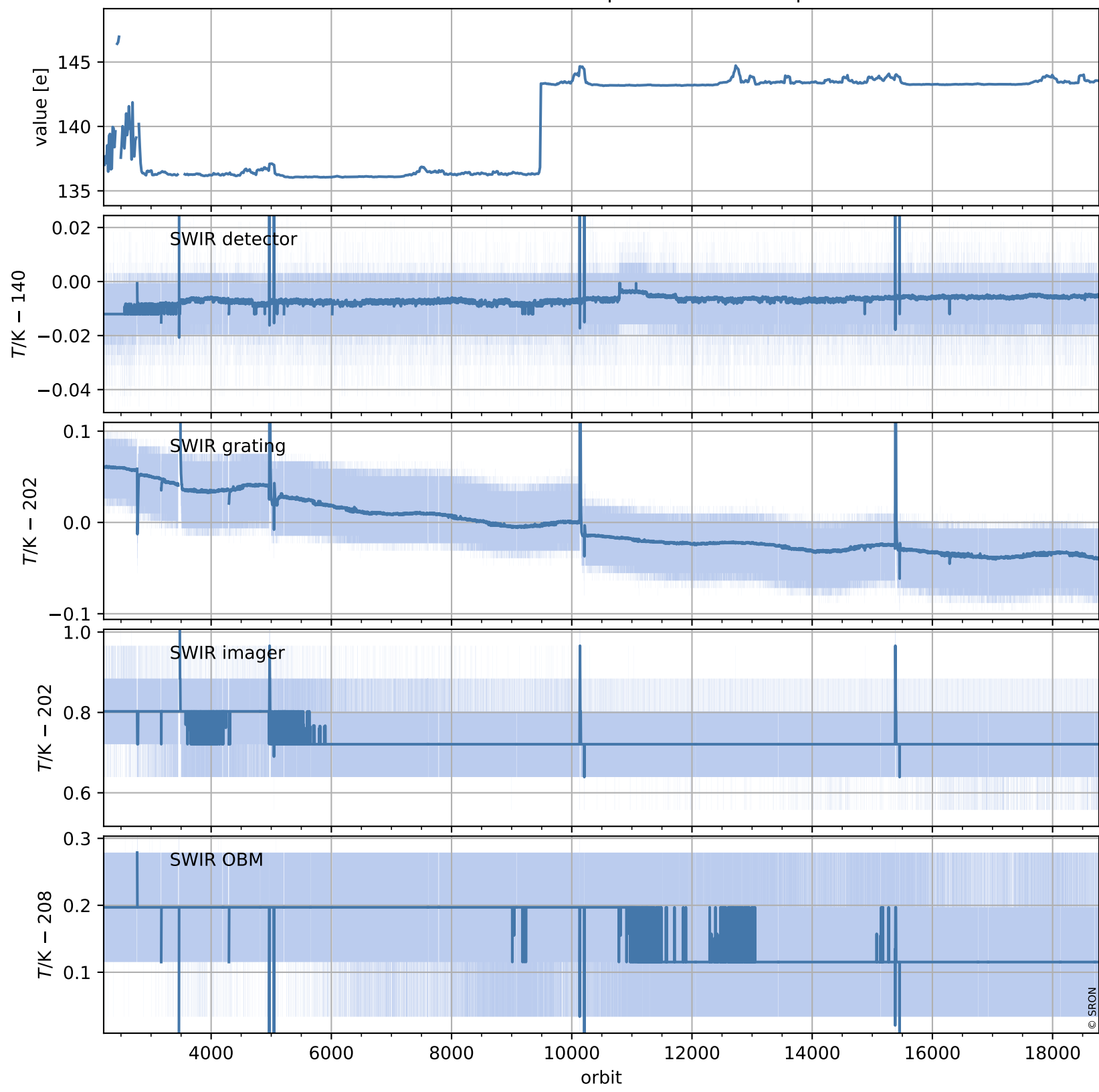
orbits : 12 in [18682, 18772]  
coverage : 2021-05-22 / 2021-05-28  
created : 2023-08-21T16:01:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 18772]  
coverage : 2018-03-18 / 2021-05-28  
created : 2023-08-21T16:01:22

## trend of detector median of plain noise & temperatures

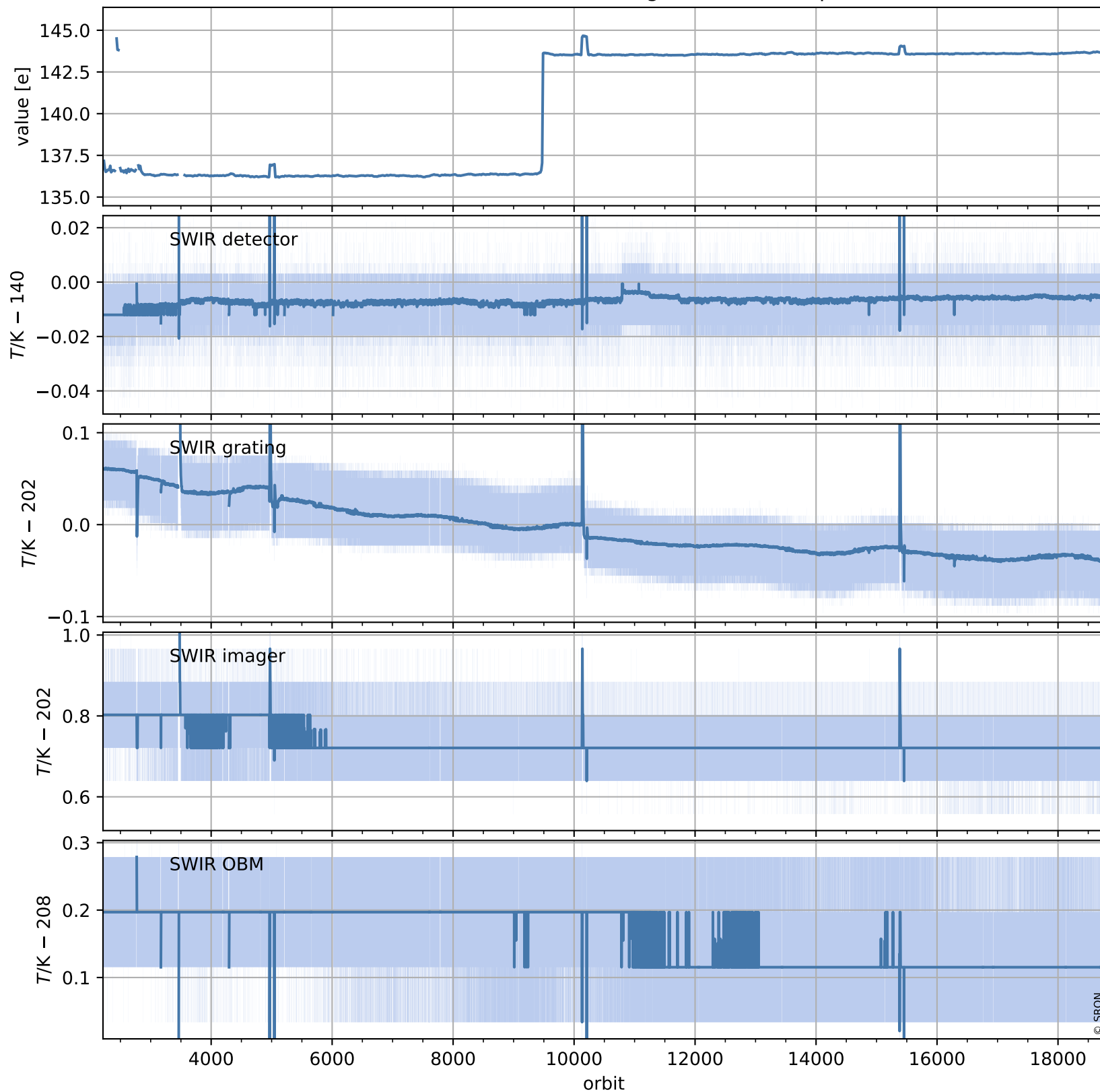




# Tropomi SWIR background noise (swir)

orbits : [2212, 18772]  
coverage : 2018-03-18 / 2021-05-28  
created : 2023-08-21T16:01:22

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18772]  
coverage : 2018-03-18 / 2021-05-28  
created : 2023-08-21T16:01:23

## trend of normalized read-noise & temperatures

