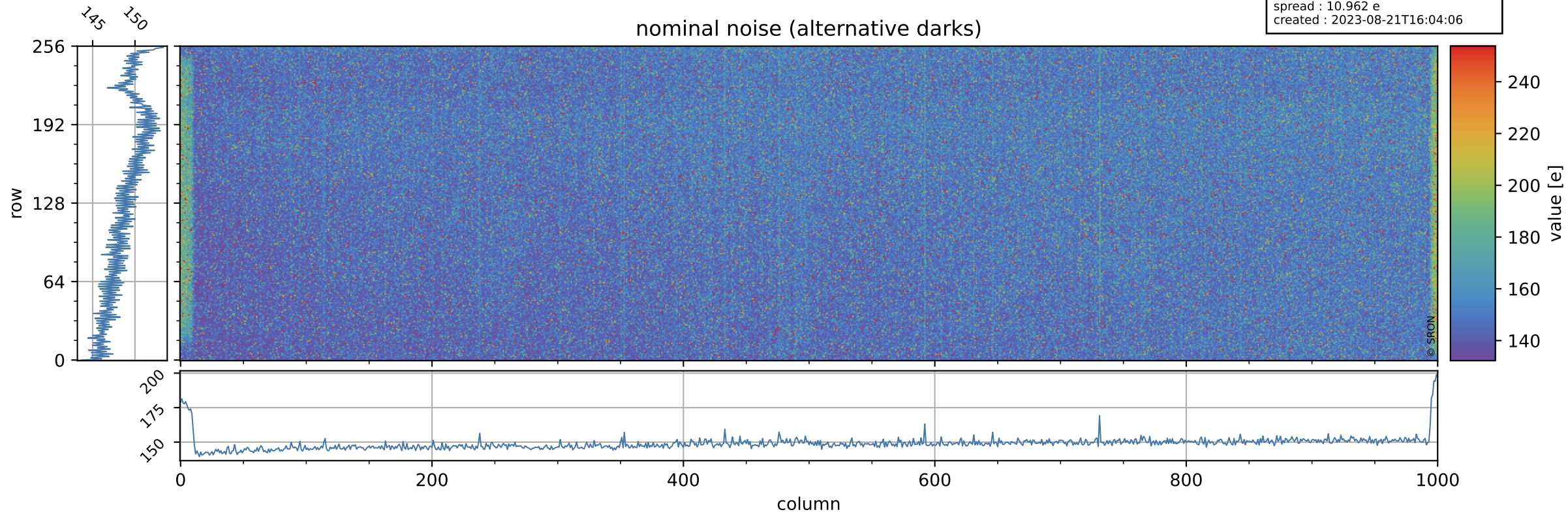


# Tropomi SWIR background noise (swir)

orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
n\_coad, t\_exp : 1, 1.0783  
median : 148.76 e  
spread : 10.962 e  
created : 2023-08-21T16:04:06

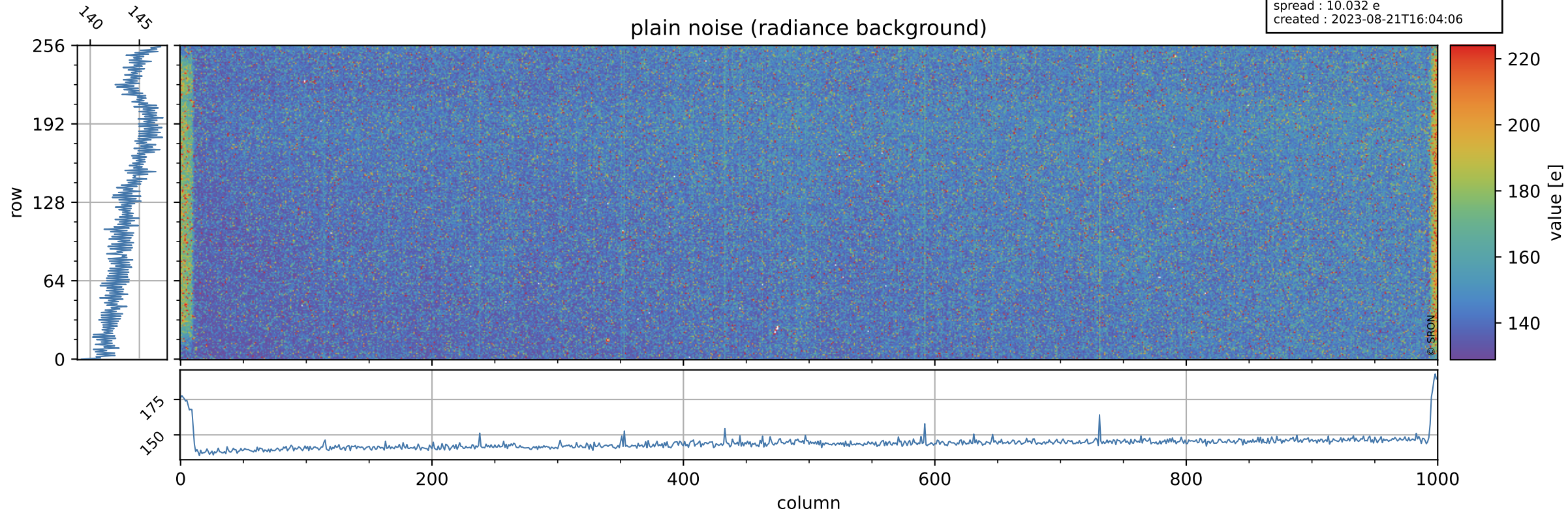
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 10.032 e  
created : 2023-08-21T16:04:06

plain noise (radiance background)

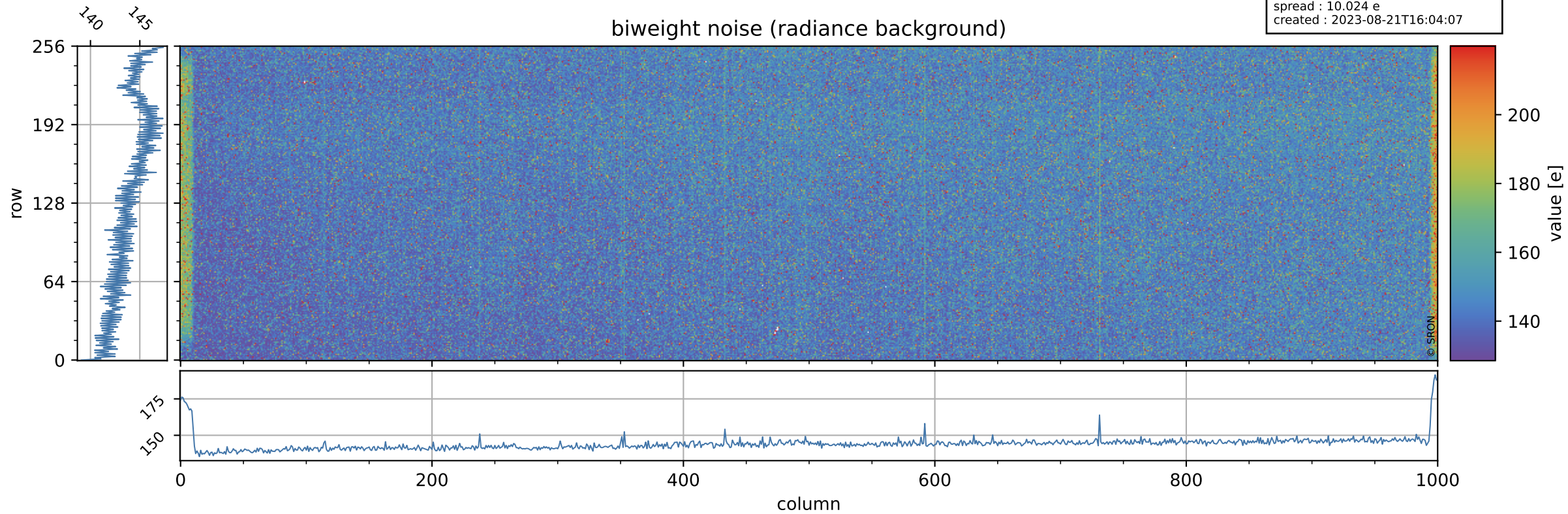




# Tropomi SWIR background noise (swir)

orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 10.024 e  
created : 2023-08-21T16:04:07

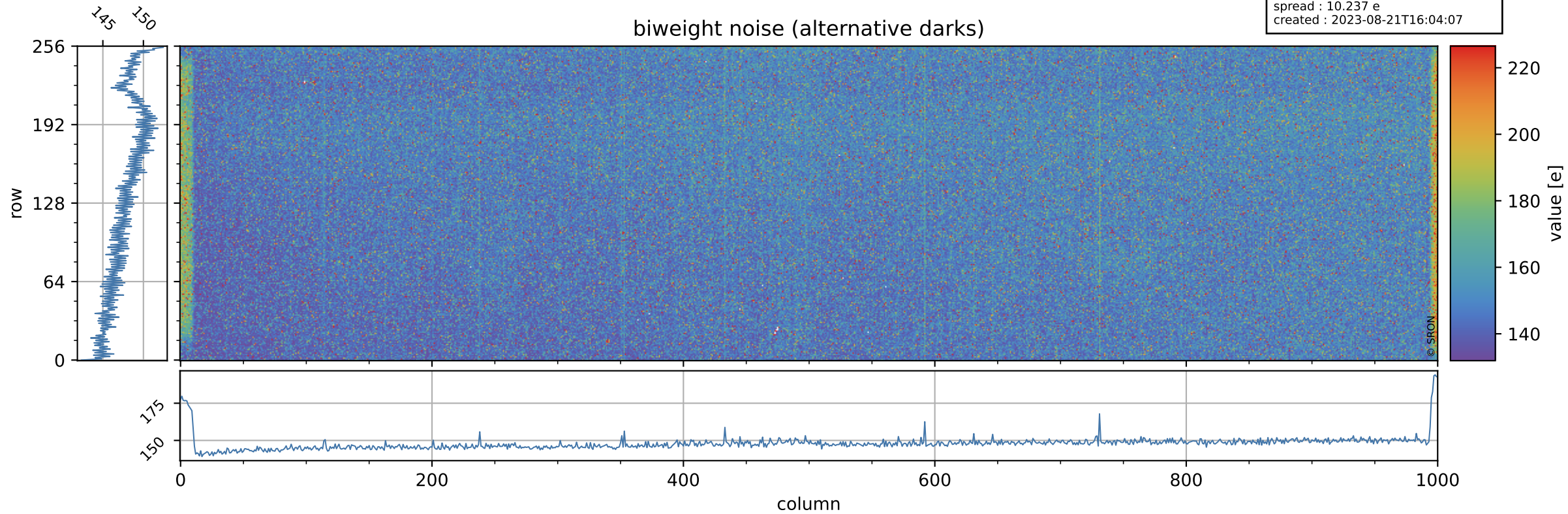
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.237 e  
created : 2023-08-21T16:04:07

## biweight noise (alternative darks)

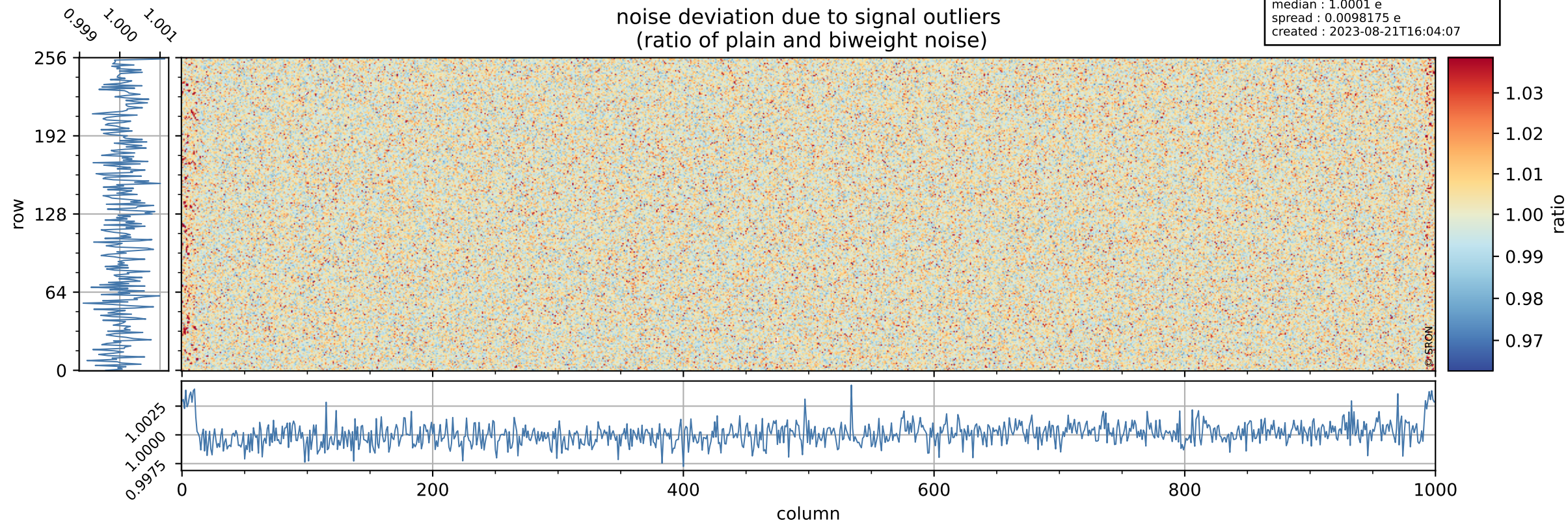




# Tropomi SWIR background noise (swir)

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

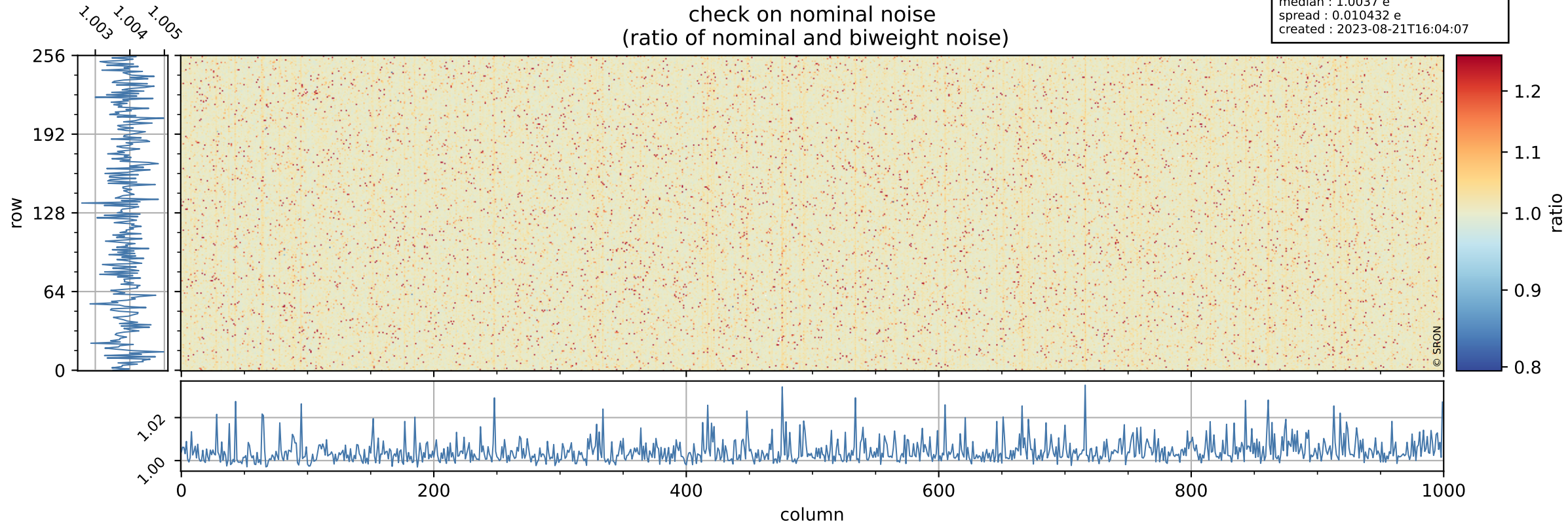
orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
median : 1.0001 e  
spread : 0.0098175 e  
created : 2023-08-21T16:04:07



# Tropomi SWIR background noise (swir)

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

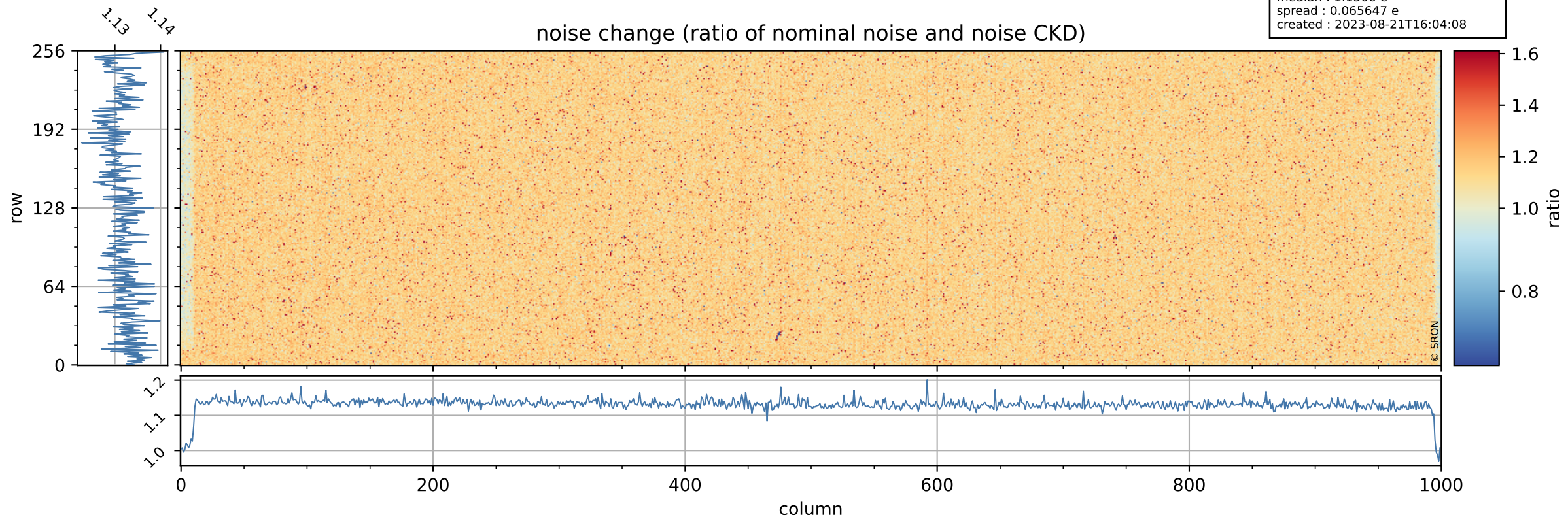
orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
median : 1.0037 e  
spread : 0.010432 e  
created : 2023-08-21T16:04:07





# Tropomi SWIR background noise (swir)

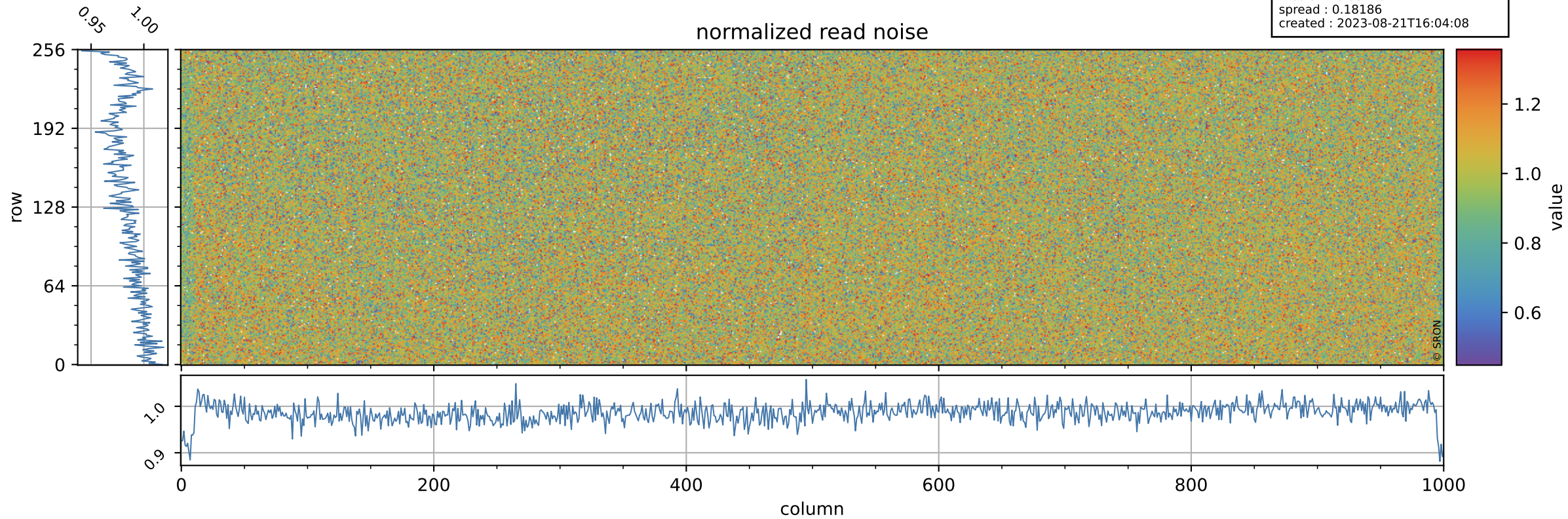
orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
median : 1.1306 e  
spread : 0.065647 e  
created : 2023-08-21T16:04:08





# Tropomi SWIR background noise (swir)

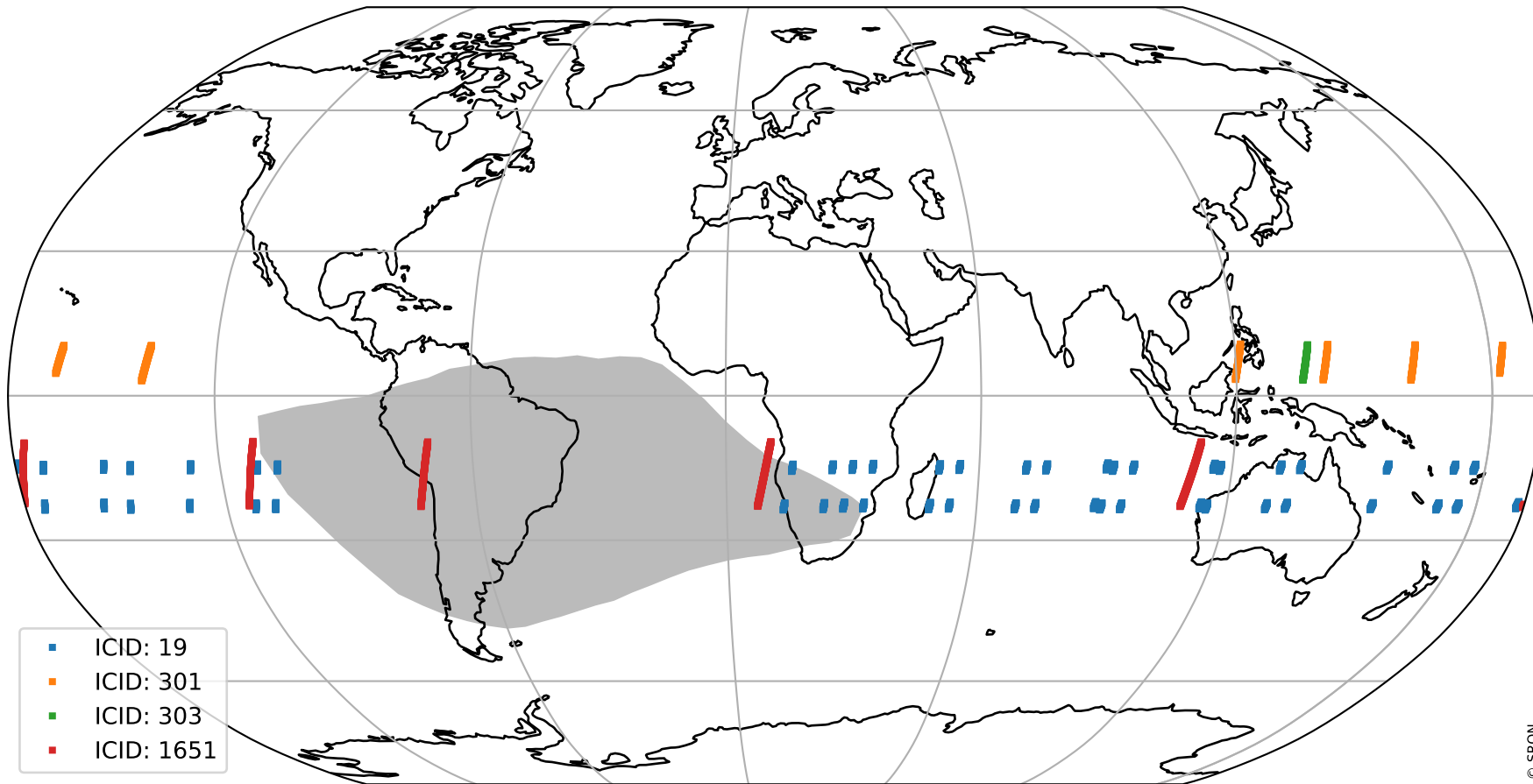
orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
median : 0.98449  
spread : 0.18186  
created : 2023-08-21T16:04:08





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

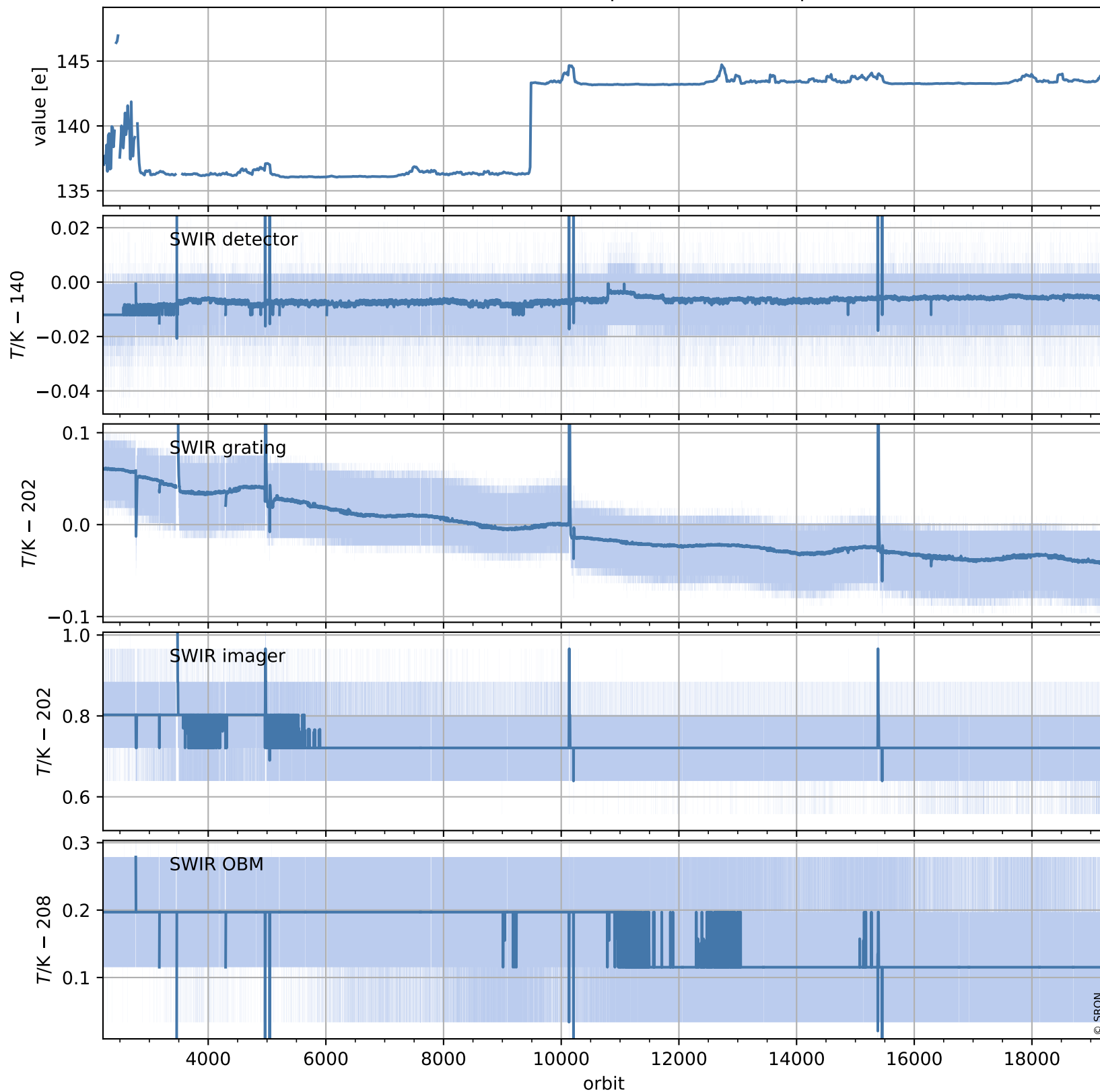
orbits : 12 in [19147, 19237]  
coverage : 2021-06-24 / 2021-06-30  
created : 2023-08-21T16:04:08



# Tropomi SWIR background noise (swir)

orbits : [2212, 19237]  
coverage : 2018-03-18 / 2021-06-30  
created : 2023-08-21T16:04:09

## trend of detector median of plain noise & temperatures

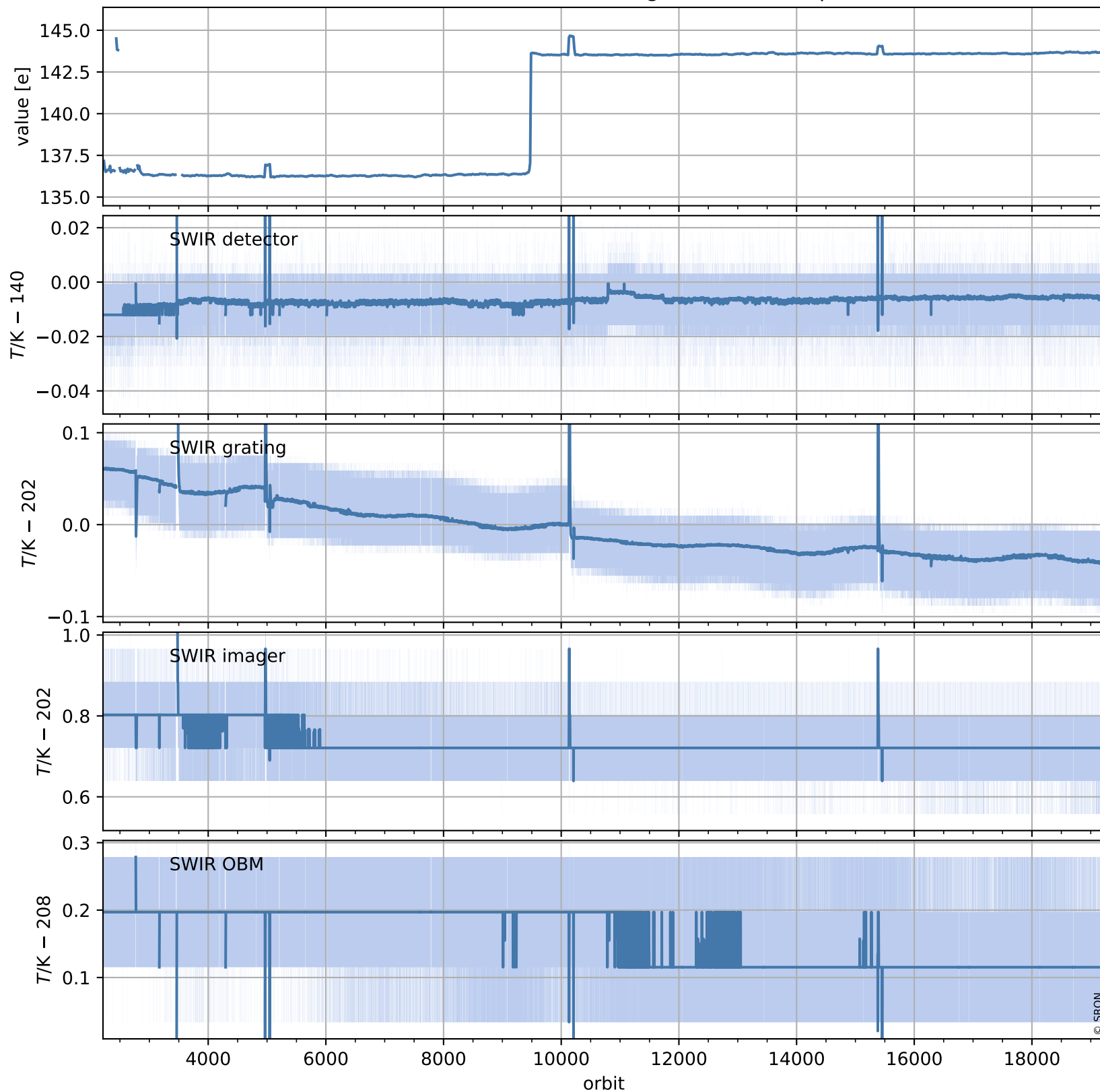




# Tropomi SWIR background noise (swir)

orbits : [2212, 19237]  
coverage : 2018-03-18 / 2021-06-30  
created : 2023-08-21T16:04:09

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19237]  
coverage : 2018-03-18 / 2021-06-30  
created : 2023-08-21T16:04:10

## trend of normalized read-noise & temperatures

