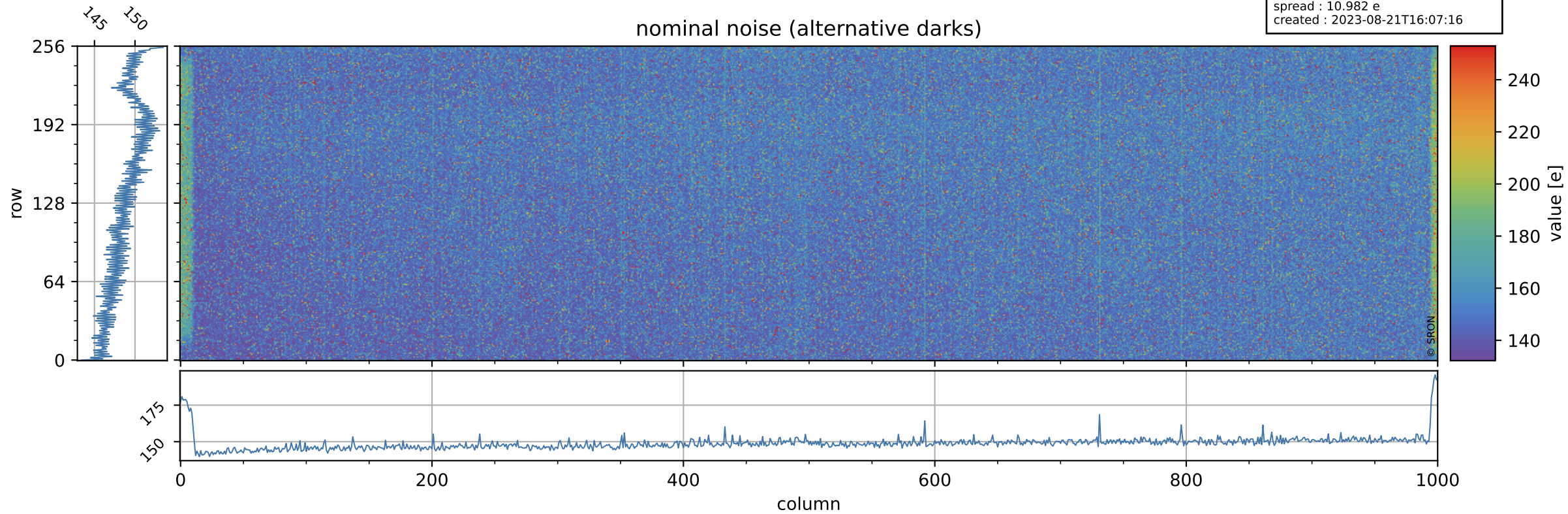


# Tropomi SWIR background noise (swir)

orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
n\_coad, t\_exp : 1, 1.0783  
median : 148.72 e  
spread : 10.982 e  
created : 2023-08-21T16:07:16

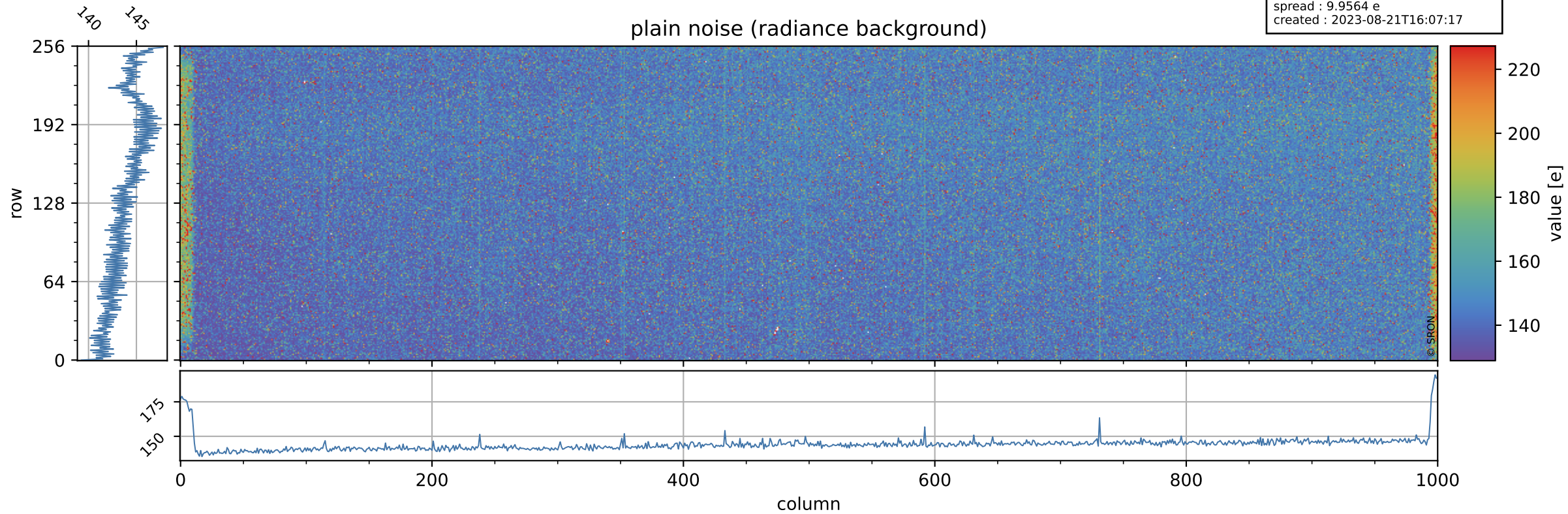
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.9564 e  
created : 2023-08-21T16:07:17

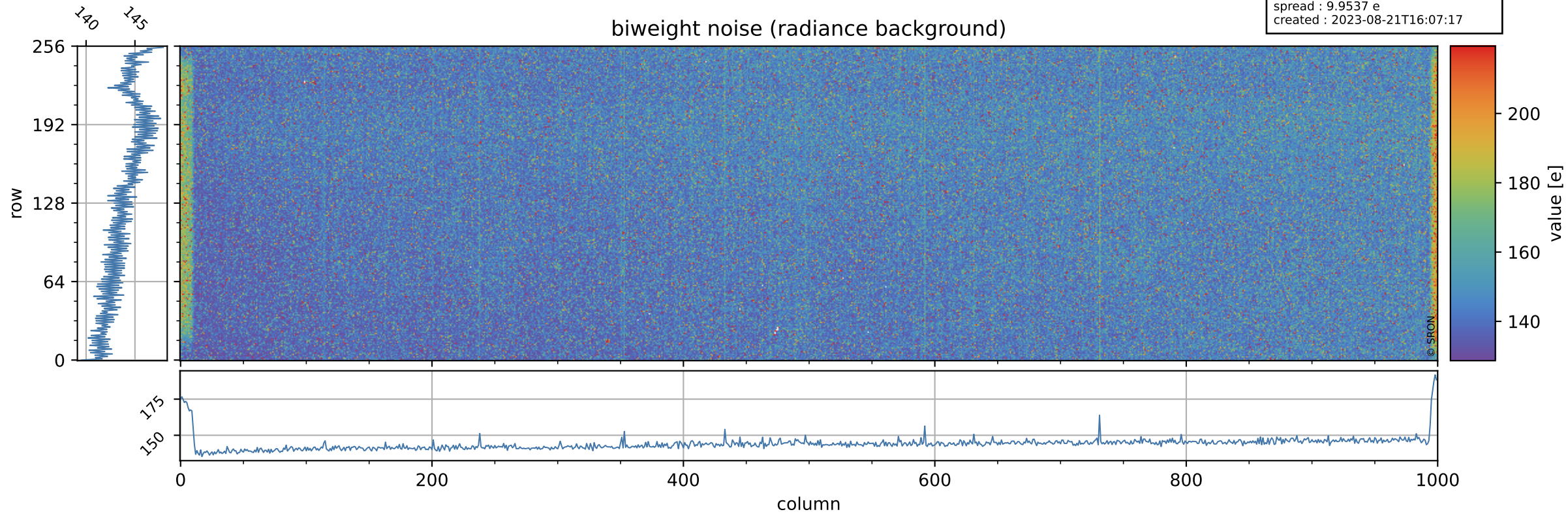
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.81 e  
spread : 9.9537 e  
created : 2023-08-21T16:07:17

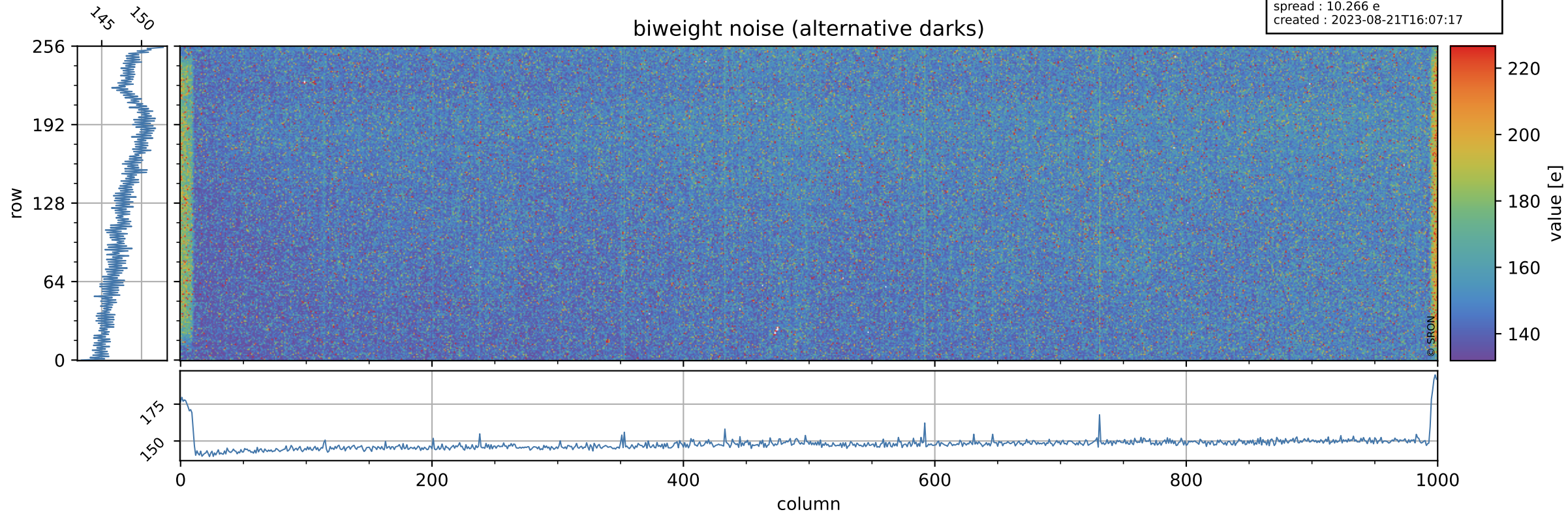
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
n\_coad, t\_exp : 1, 1.0783  
median : 147.75 e  
spread : 10.266 e  
created : 2023-08-21T16:07:17

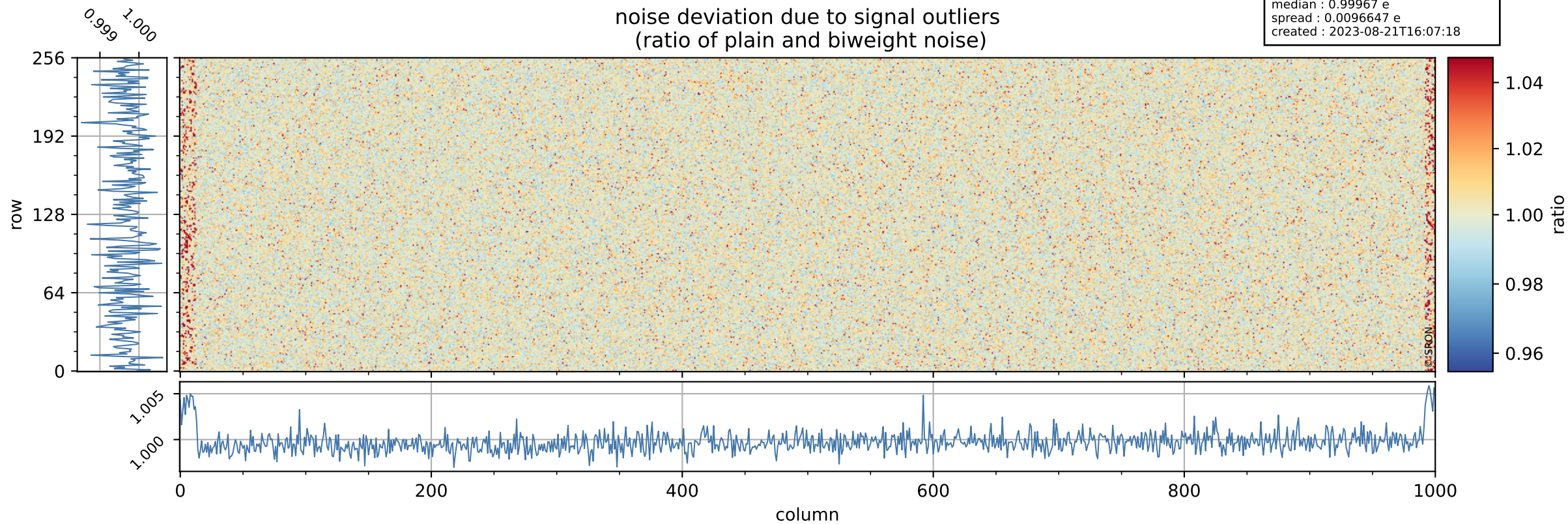
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

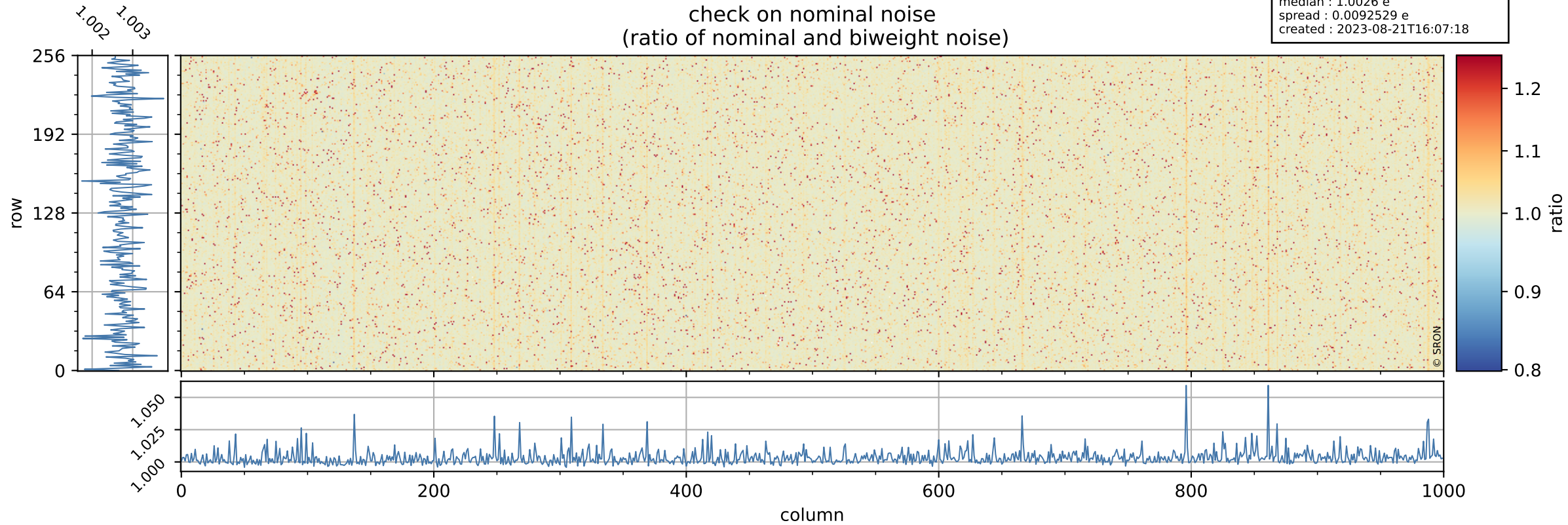
orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
median : 0.99967 e  
spread : 0.0096647 e  
created : 2023-08-21T16:07:18



# Tropomi SWIR background noise (swir)

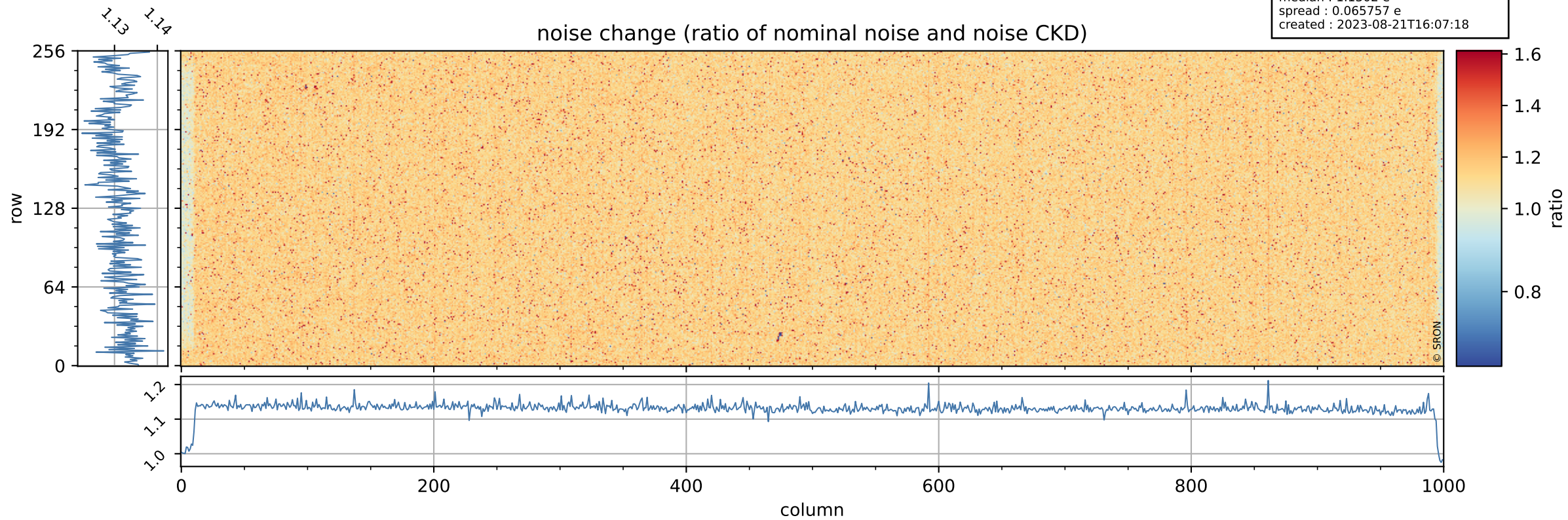
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
median : 1.0026 e  
spread : 0.0092529 e  
created : 2023-08-21T16:07:18



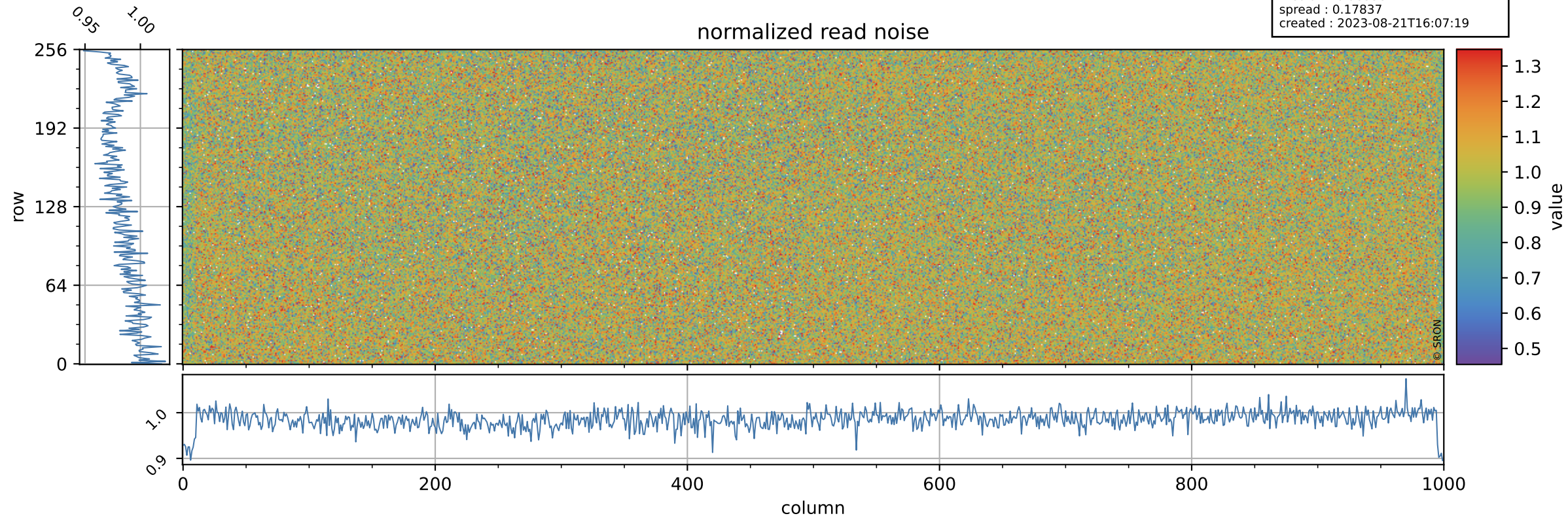
# Tropomi SWIR background noise (swir)

orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
median : 1.1302 e  
spread : 0.065757 e  
created : 2023-08-21T16:07:18



# Tropomi SWIR background noise (swir)

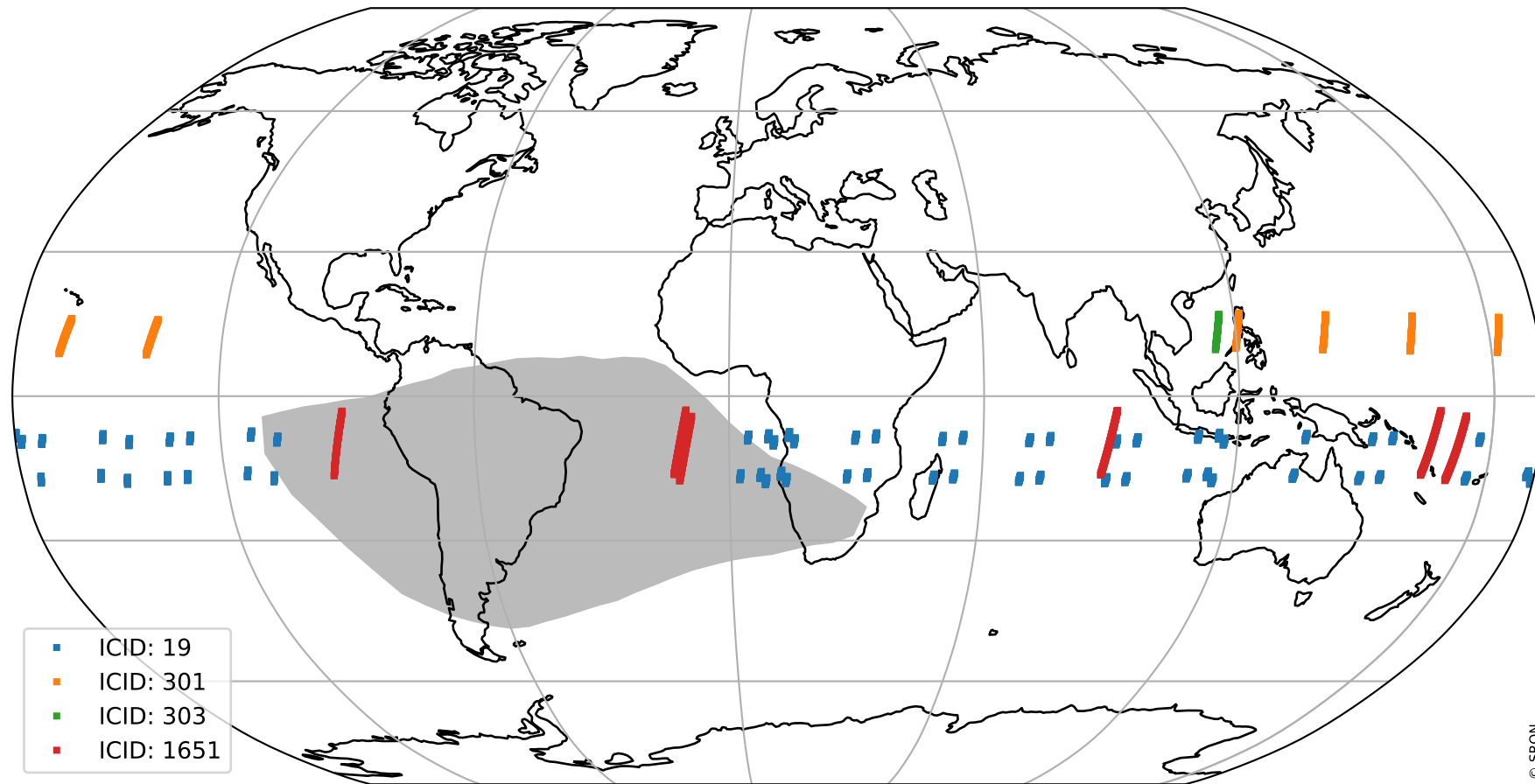
orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
median : 0.98358  
spread : 0.17837  
created : 2023-08-21T16:07:19





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

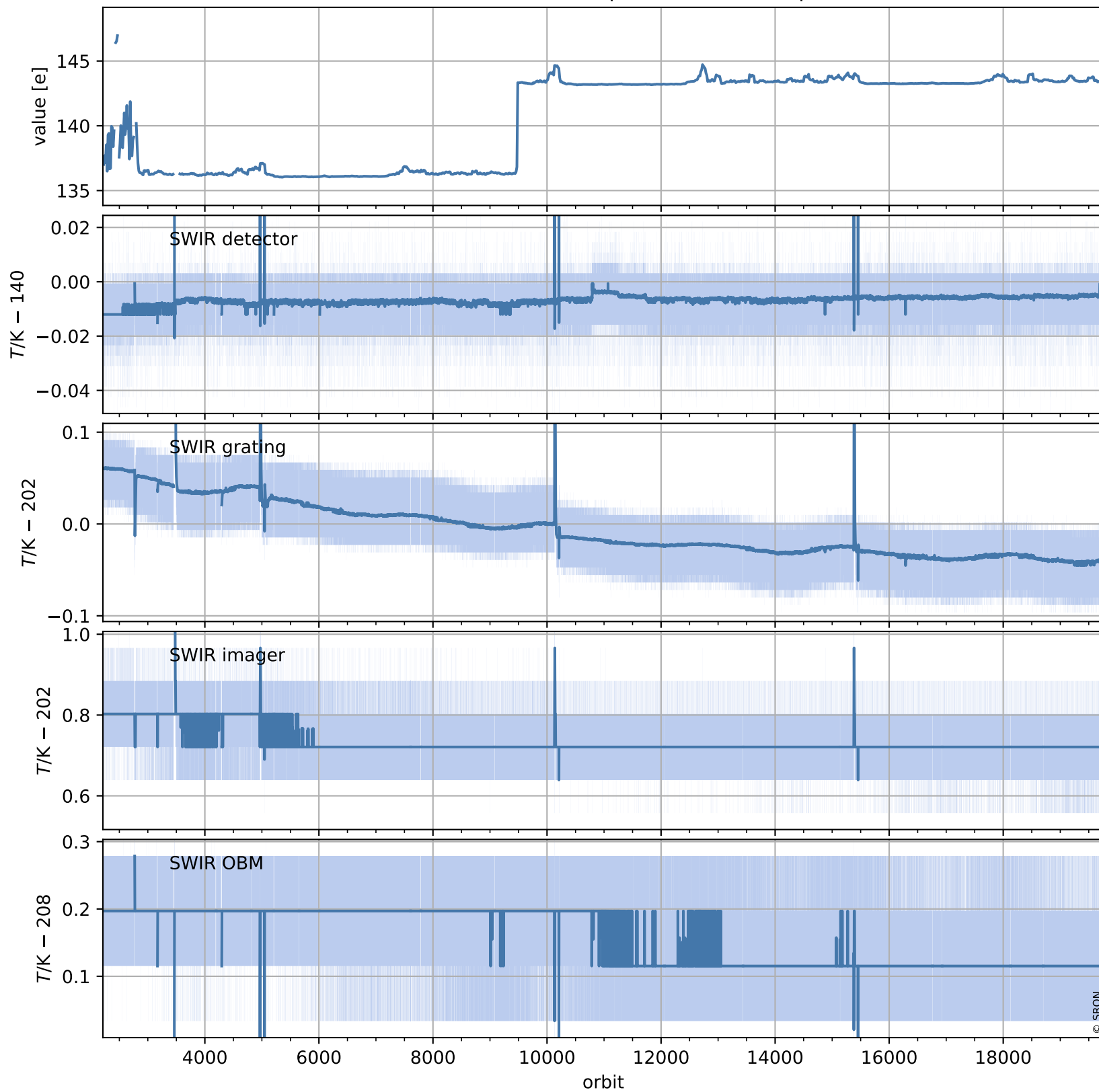
orbits : 13 in [19672, 19762]  
coverage : 2021-07-31 / 2021-08-06  
created : 2023-08-21T16:07:19



# Tropomi SWIR background noise (swir)

orbits : [2212, 19762]  
coverage : 2018-03-18 / 2021-08-06  
created : 2023-08-21T16:07:19

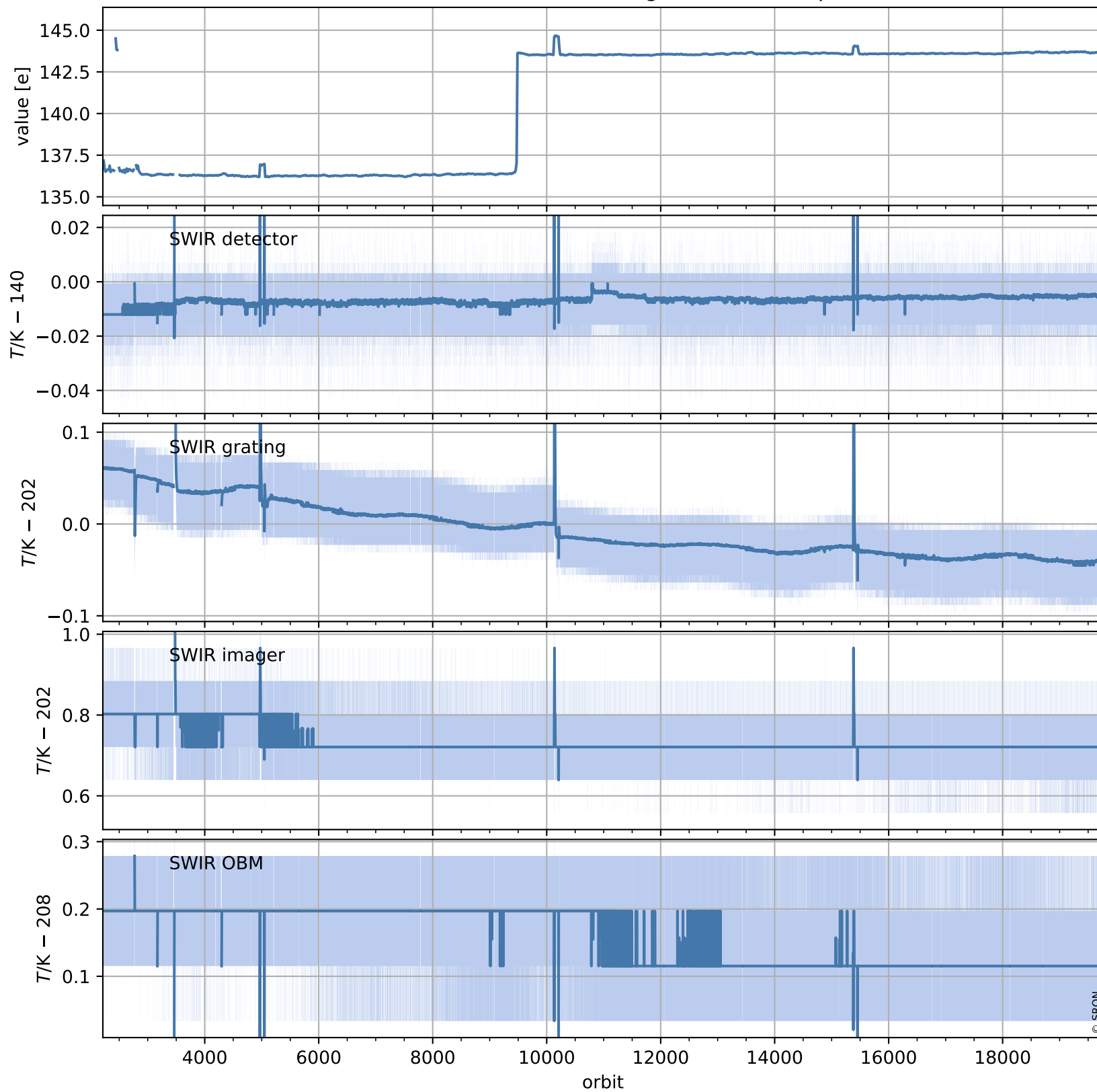
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19762]  
coverage : 2018-03-18 / 2021-08-06  
created : 2023-08-21T16:07:20

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19762]  
coverage : 2018-03-18 / 2021-08-06  
created : 2023-08-21T16:07:21

## trend of normalized read-noise & temperatures

