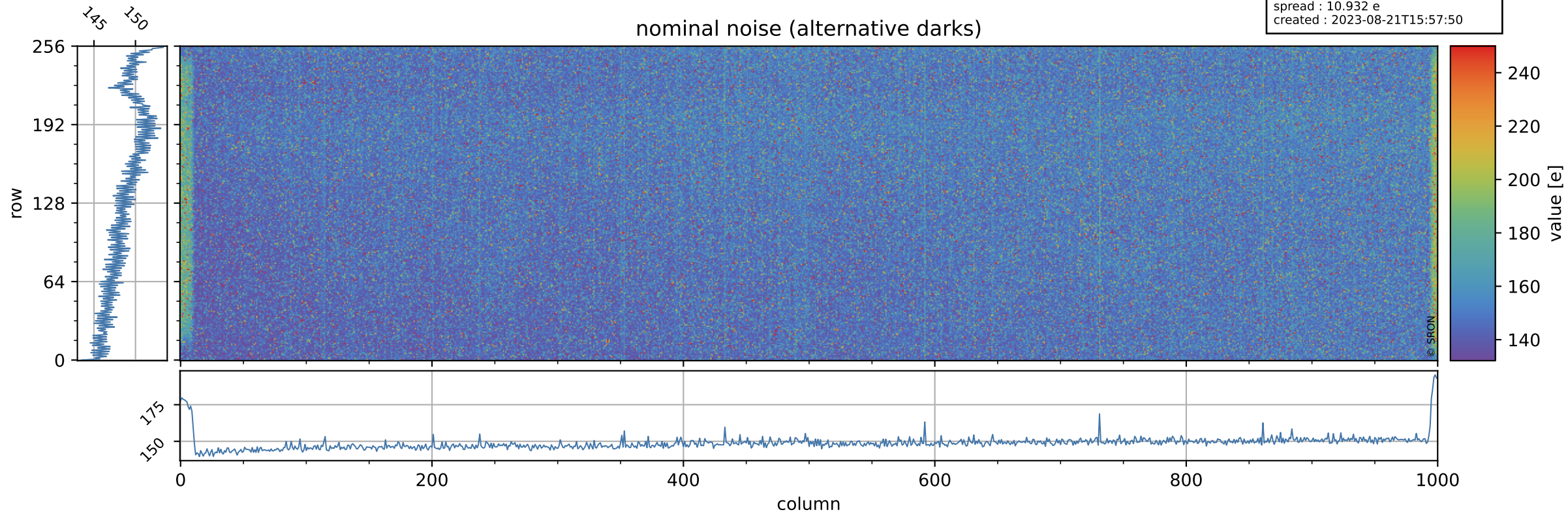


# Tropomi SWIR background noise (swir)

orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
n\_coad, t\_exp : 1, 1.0783  
median : 148.61 e  
spread : 10.932 e  
created : 2023-08-21T15:57:50

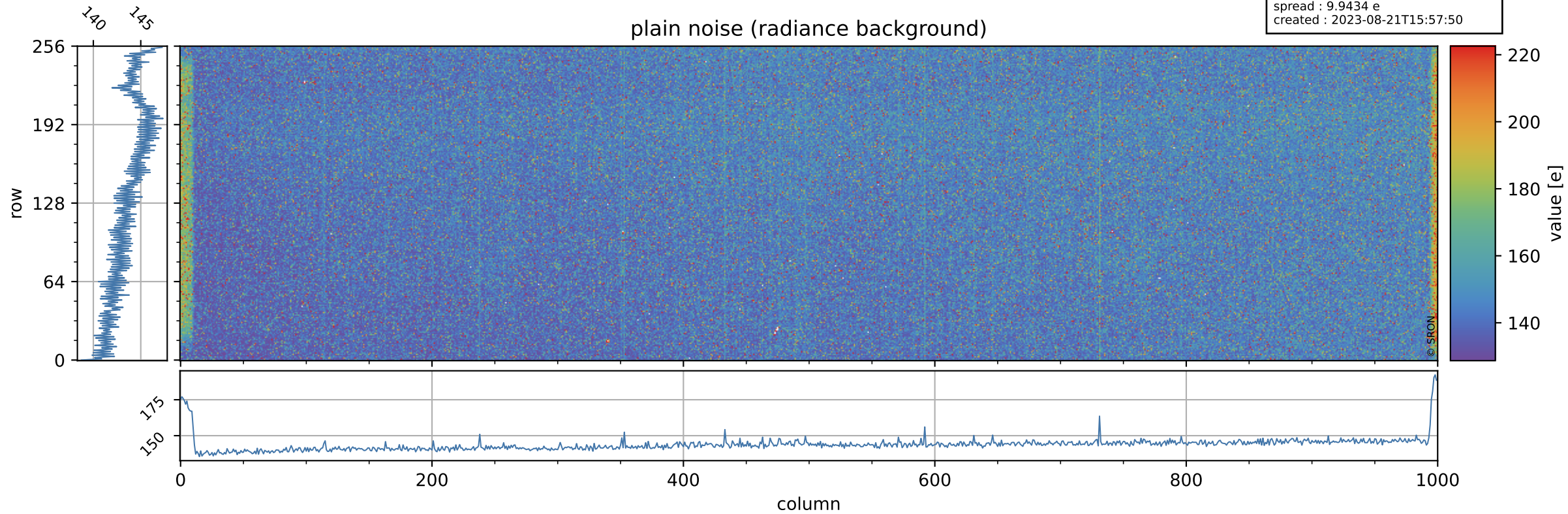
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.9434 e  
created : 2023-08-21T15:57:50

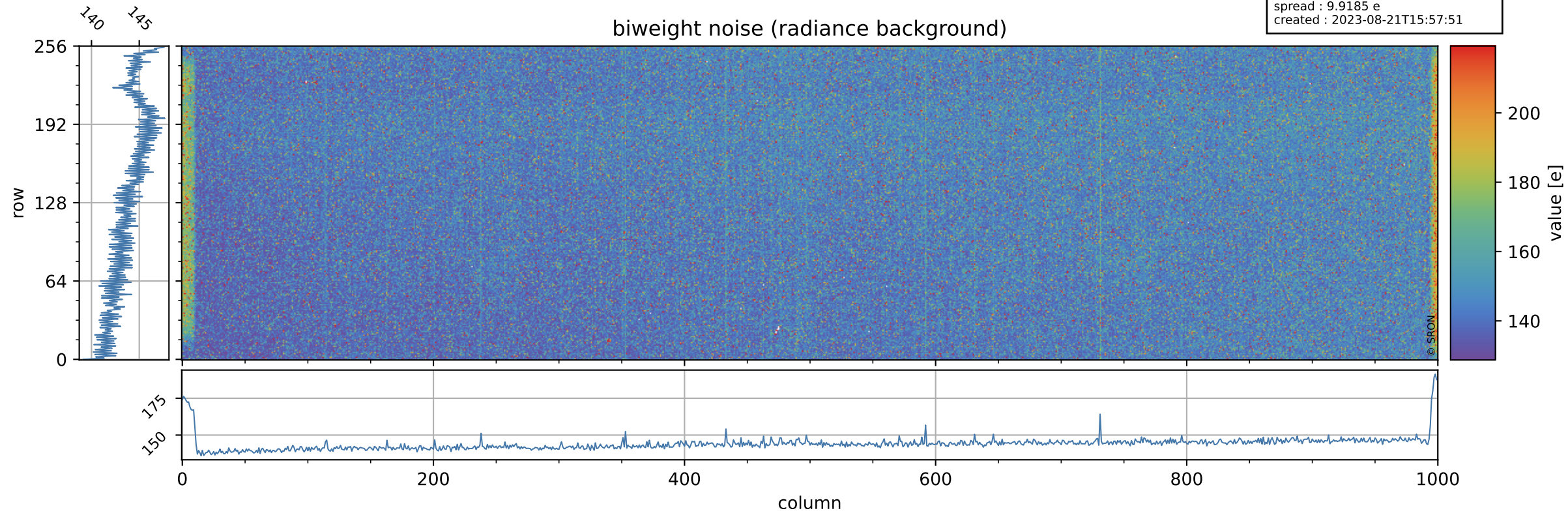
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.9185 e  
created : 2023-08-21T15:57:51

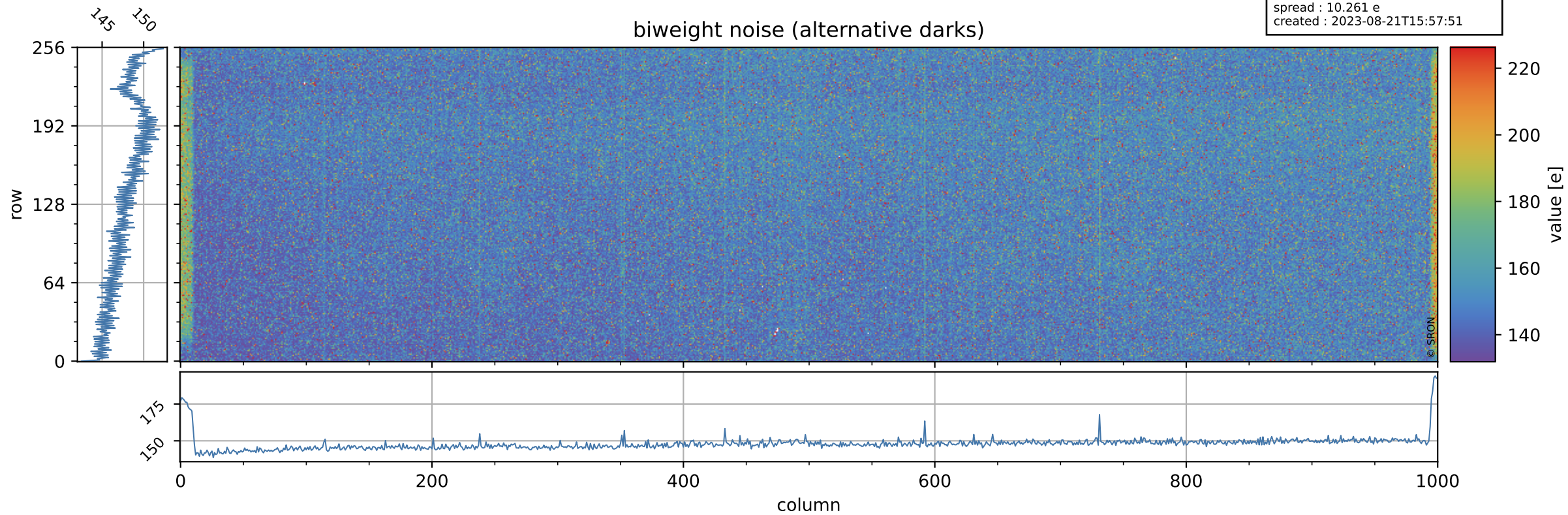
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
n\_coad, t\_exp : 1, 1.0783  
median : 147.75 e  
spread : 10.261 e  
created : 2023-08-21T15:57:51

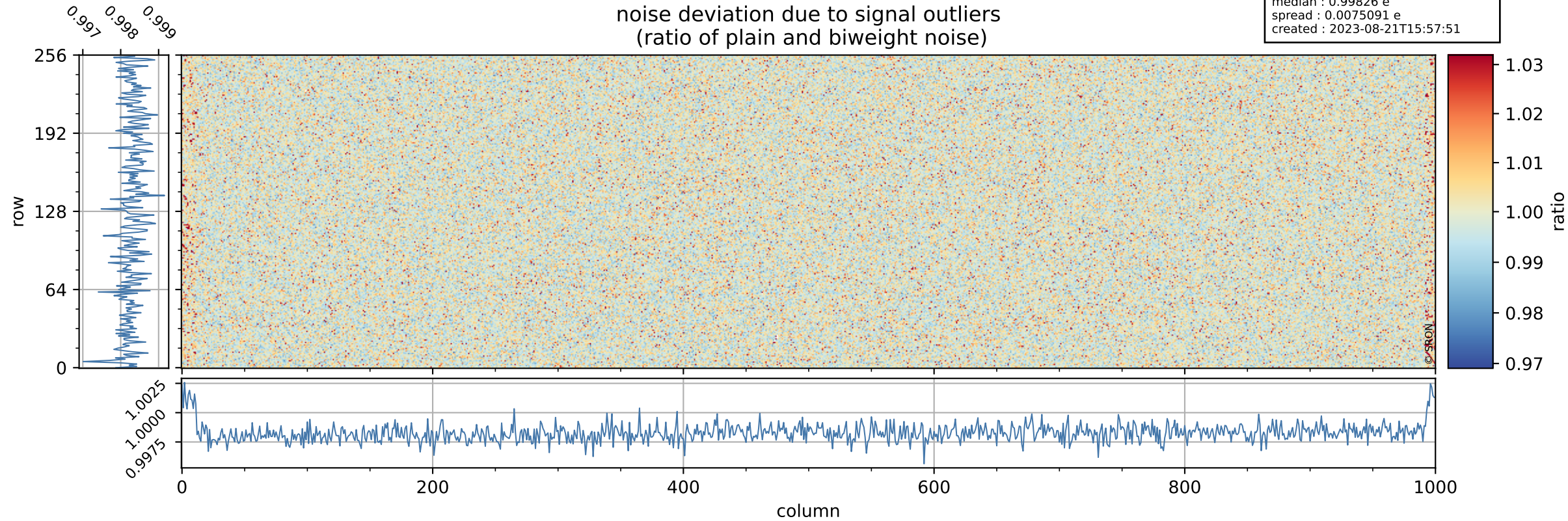
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

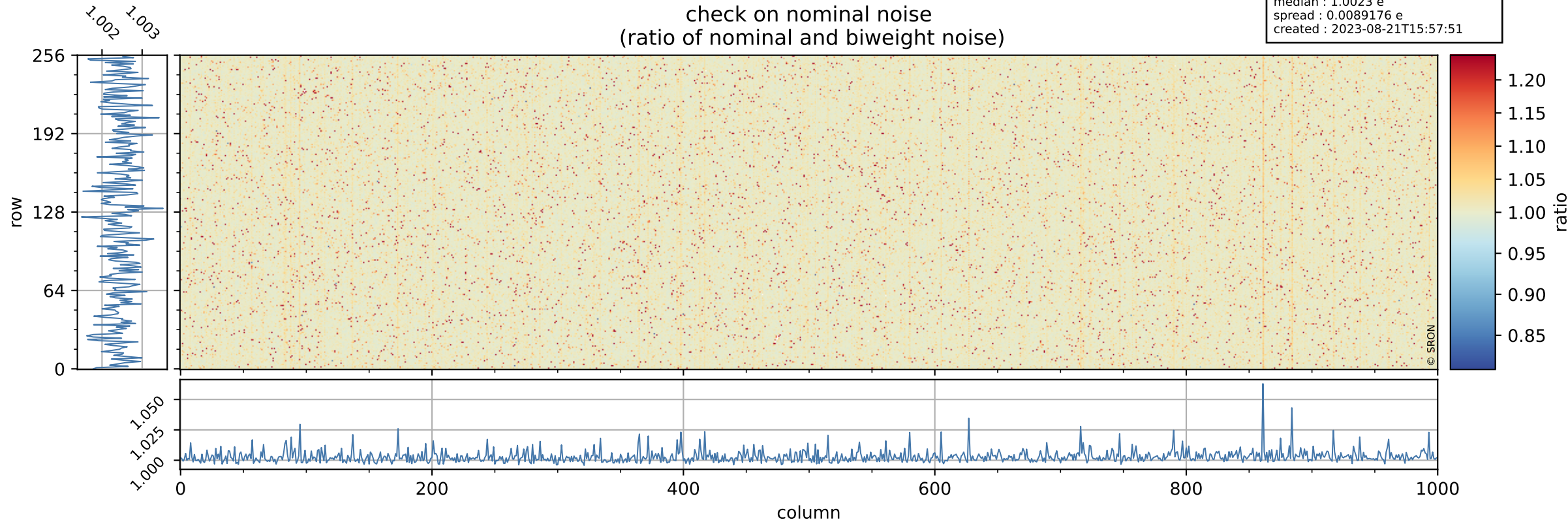
orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
median : 0.99826 e  
spread : 0.0075091 e  
created : 2023-08-21T15:57:51



# Tropomi SWIR background noise (swir)

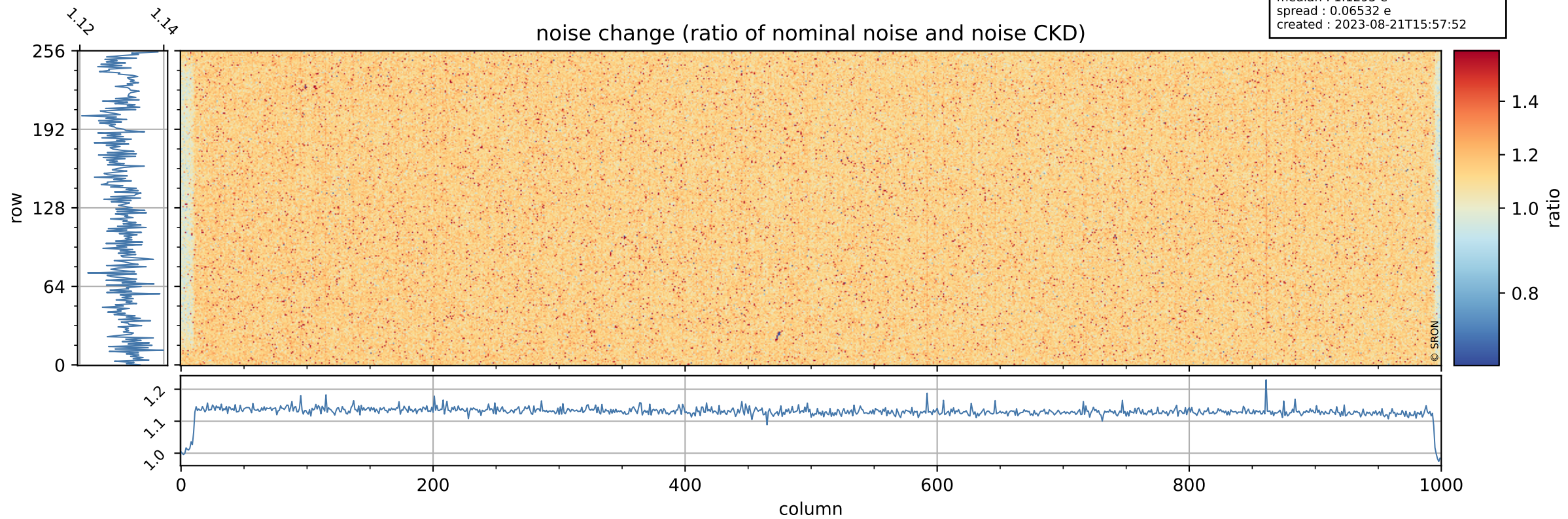
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
median : 1.0023 e  
spread : 0.0089176 e  
created : 2023-08-21T15:57:51



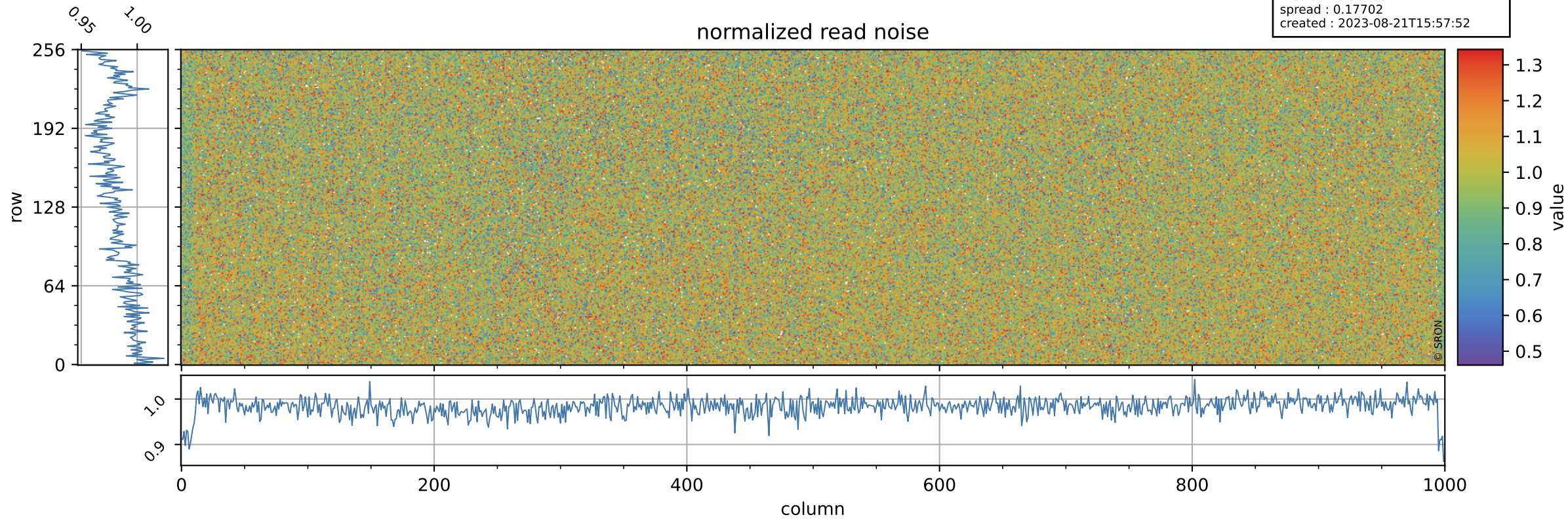
# Tropomi SWIR background noise (swir)

orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
median : 1.1295 e  
spread : 0.06532 e  
created : 2023-08-21T15:57:52



# Tropomi SWIR background noise (swir)

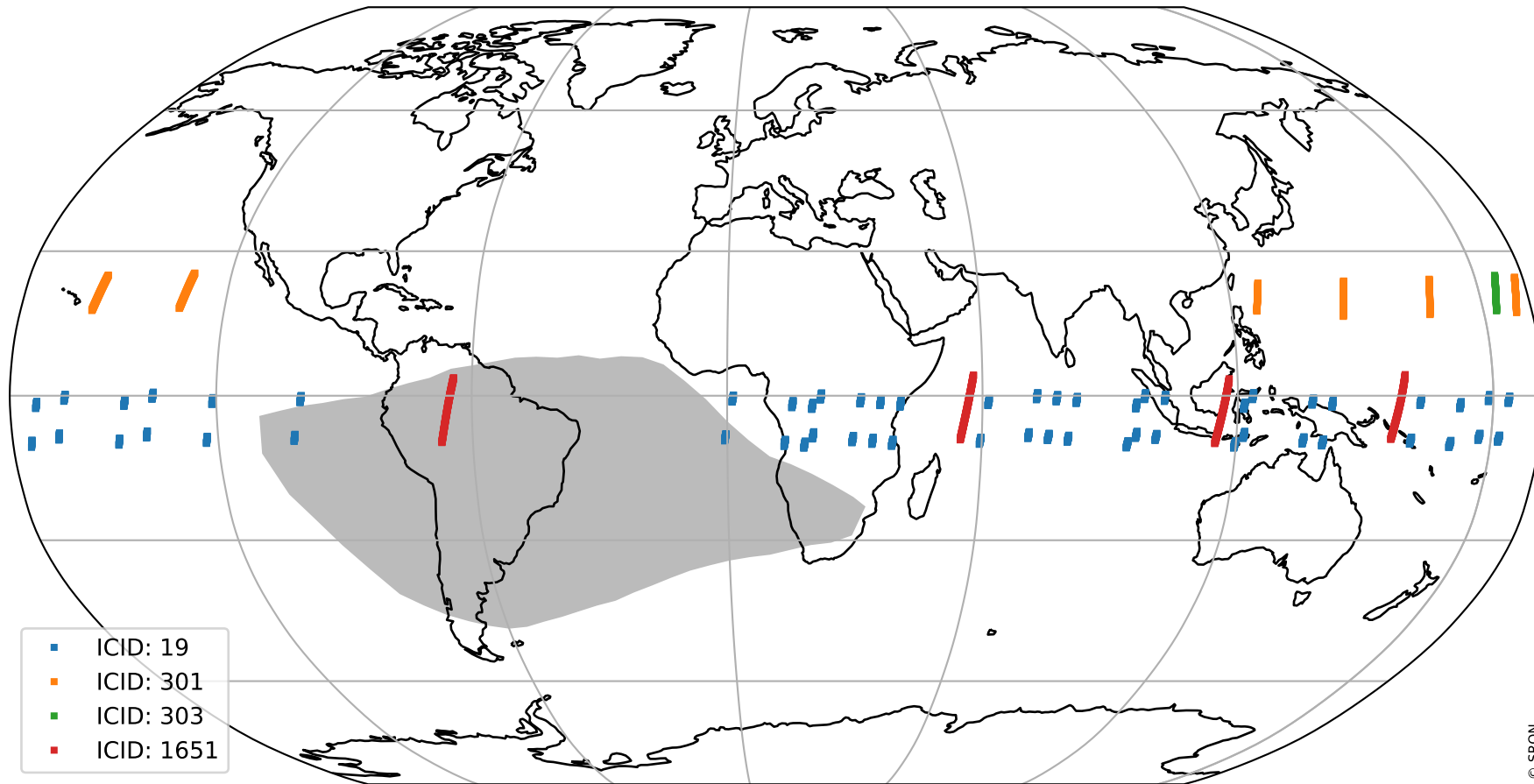
orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
median : 0.98203  
spread : 0.17702  
created : 2023-08-21T15:57:52





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

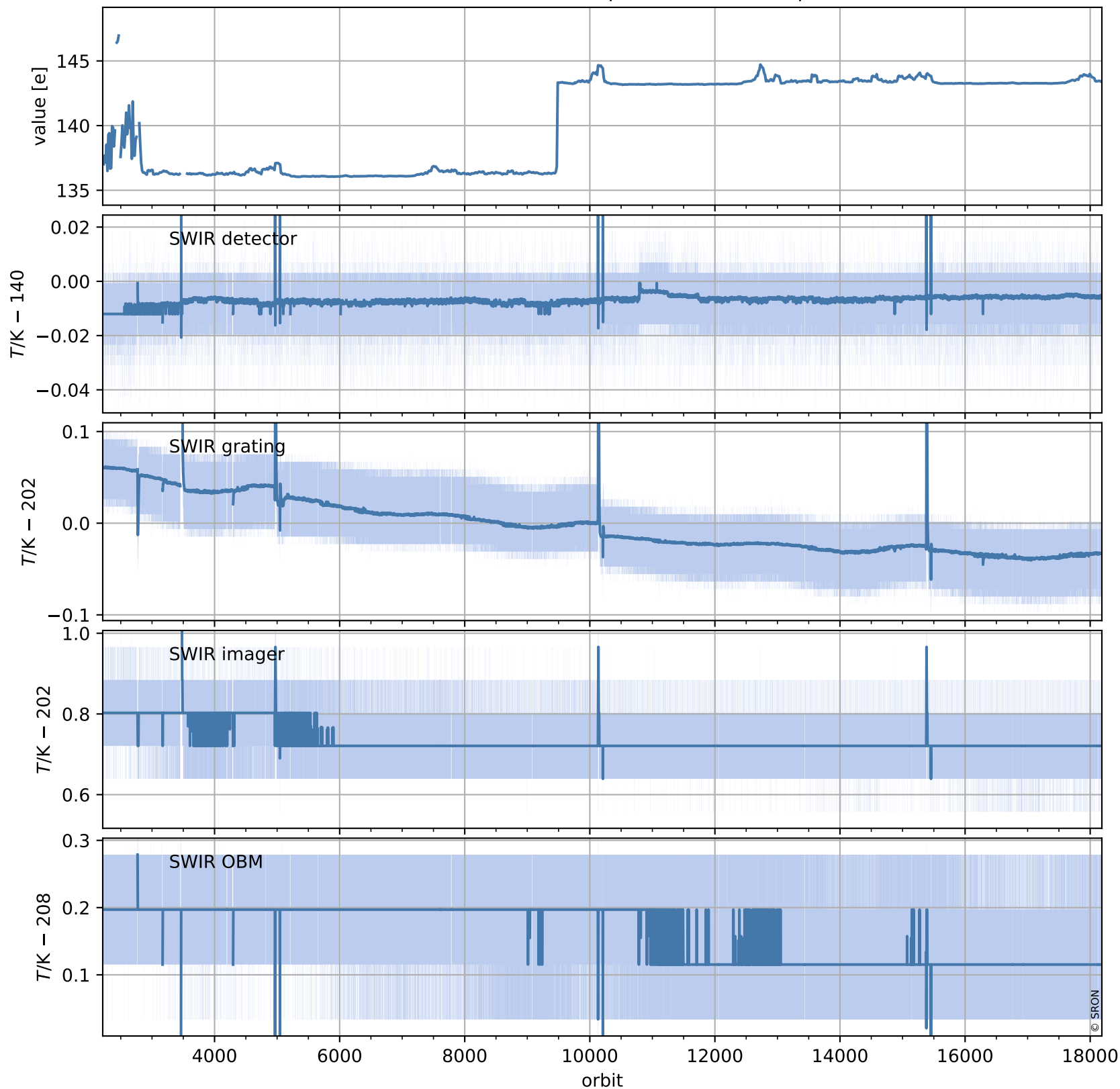
orbits : 11 in [18112, 18187]  
coverage : 2021-04-11 / 2021-04-16  
created : 2023-08-21T15:57:52



# Tropomi SWIR background noise (swir)

orbits : [2212, 18187]  
coverage : 2018-03-18 / 2021-04-16  
created : 2023-08-21T15:57:53

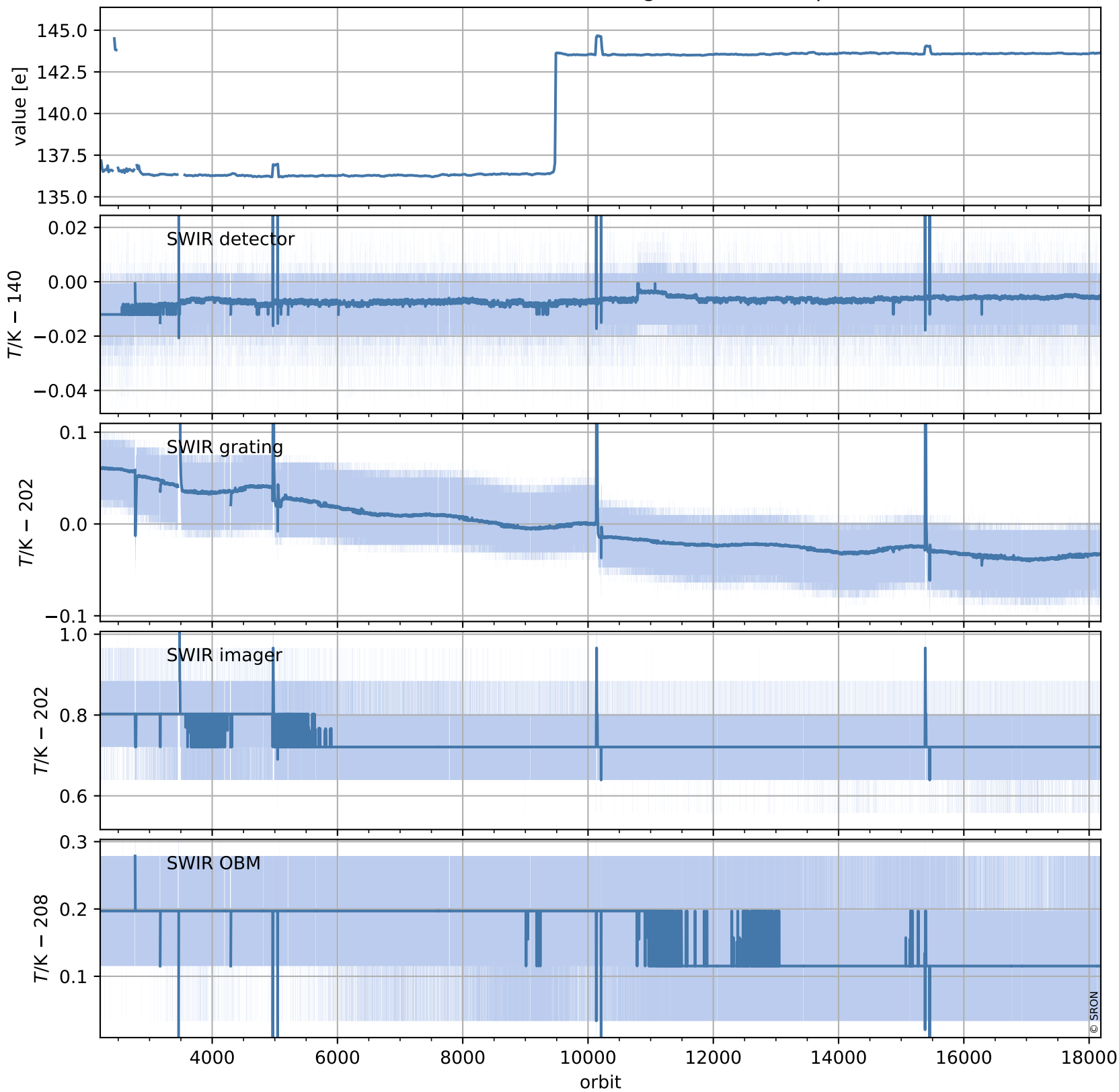
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18187]  
coverage : 2018-03-18 / 2021-04-16  
created : 2023-08-21T15:57:54

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18187]  
coverage : 2018-03-18 / 2021-04-16  
created : 2023-08-21T15:57:54

## trend of normalized read-noise & temperatures

