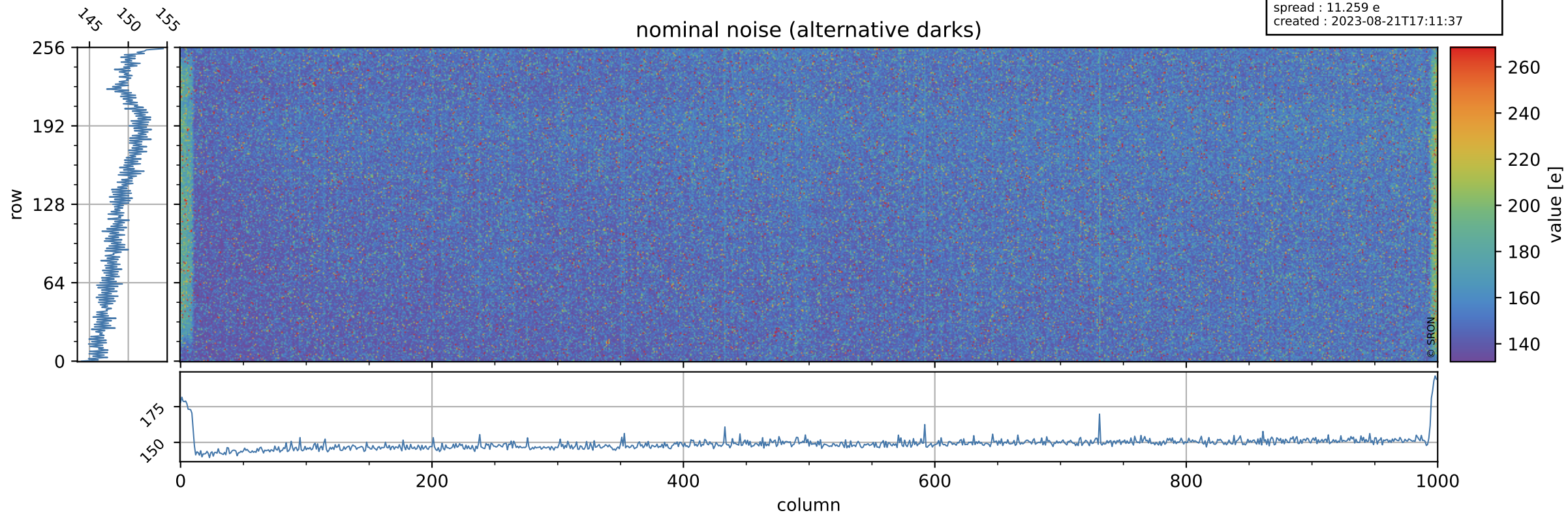


# Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
n\_coad, t\_exp : 1, 1.0783  
median : 148.93 e  
spread : 11.259 e  
created : 2023-08-21T17:11:37

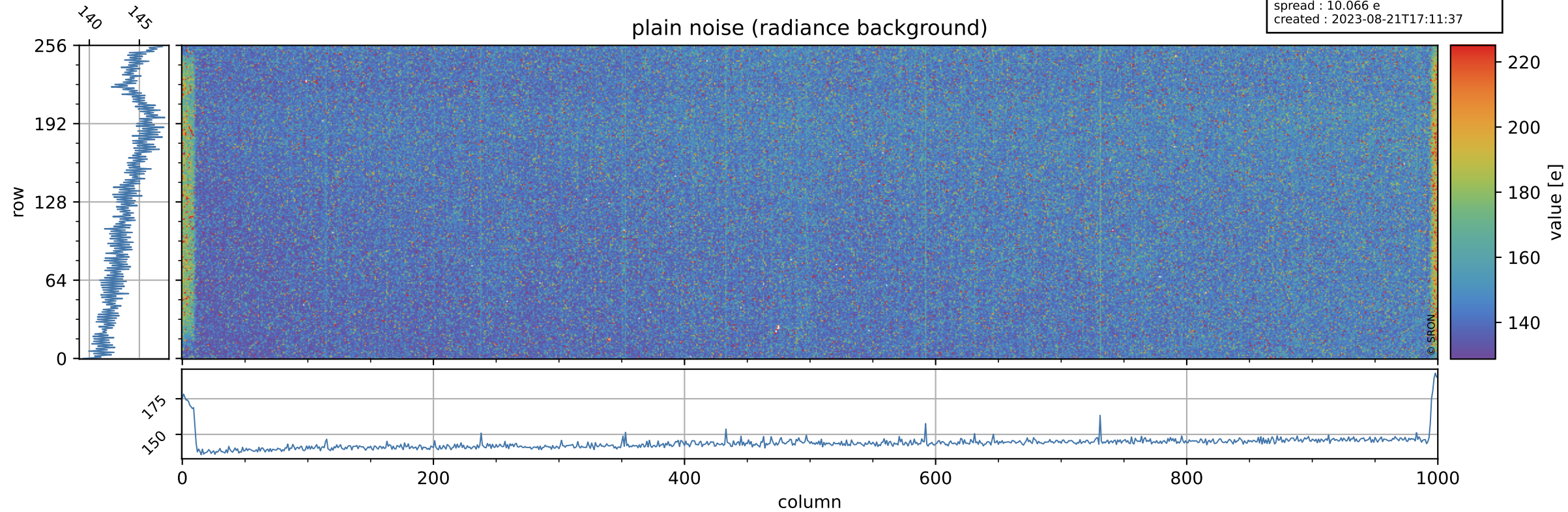
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.69 e  
spread : 10.066 e  
created : 2023-08-21T17:11:37

plain noise (radiance background)

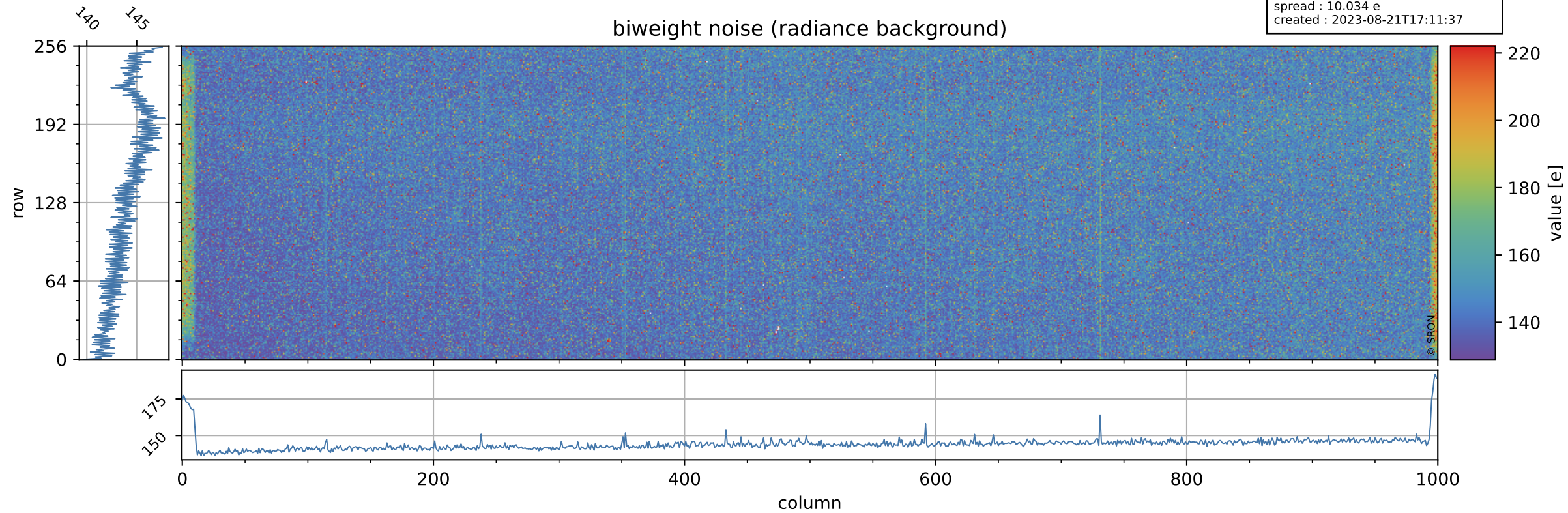




# Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.94 e  
spread : 10.034 e  
created : 2023-08-21T17:11:37

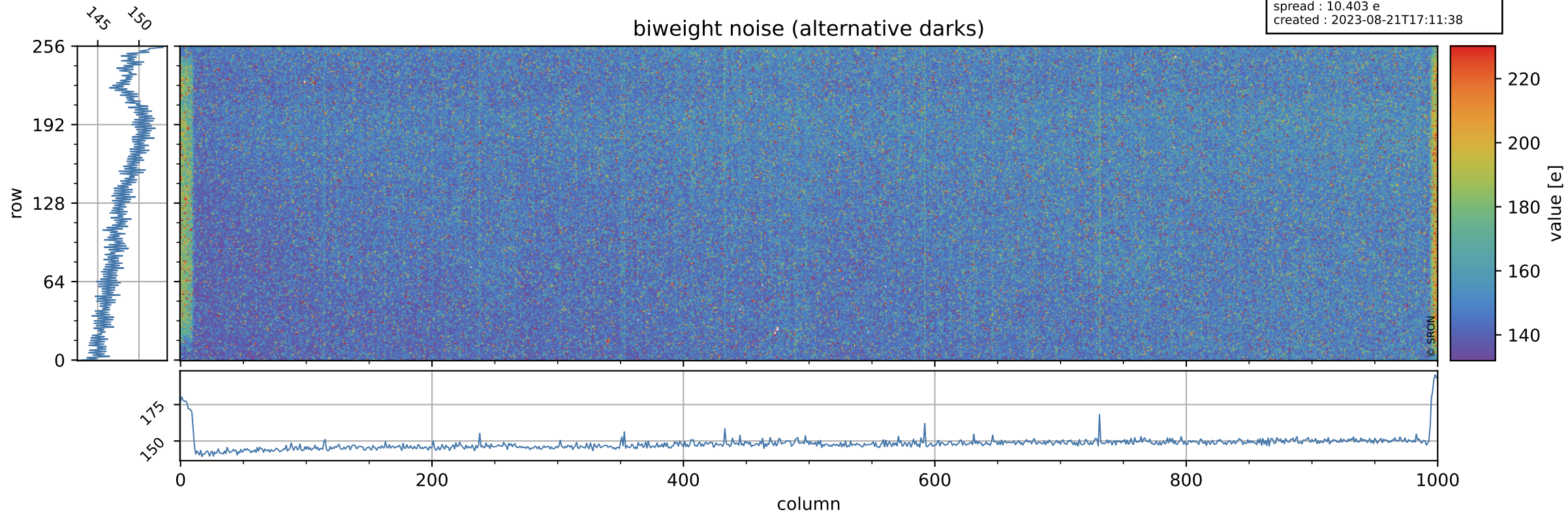
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
n\_coad, t\_exp : 1, 1.0783  
median : 147.9 e  
spread : 10.403 e  
created : 2023-08-21T17:11:38

## biweight noise (alternative darks)

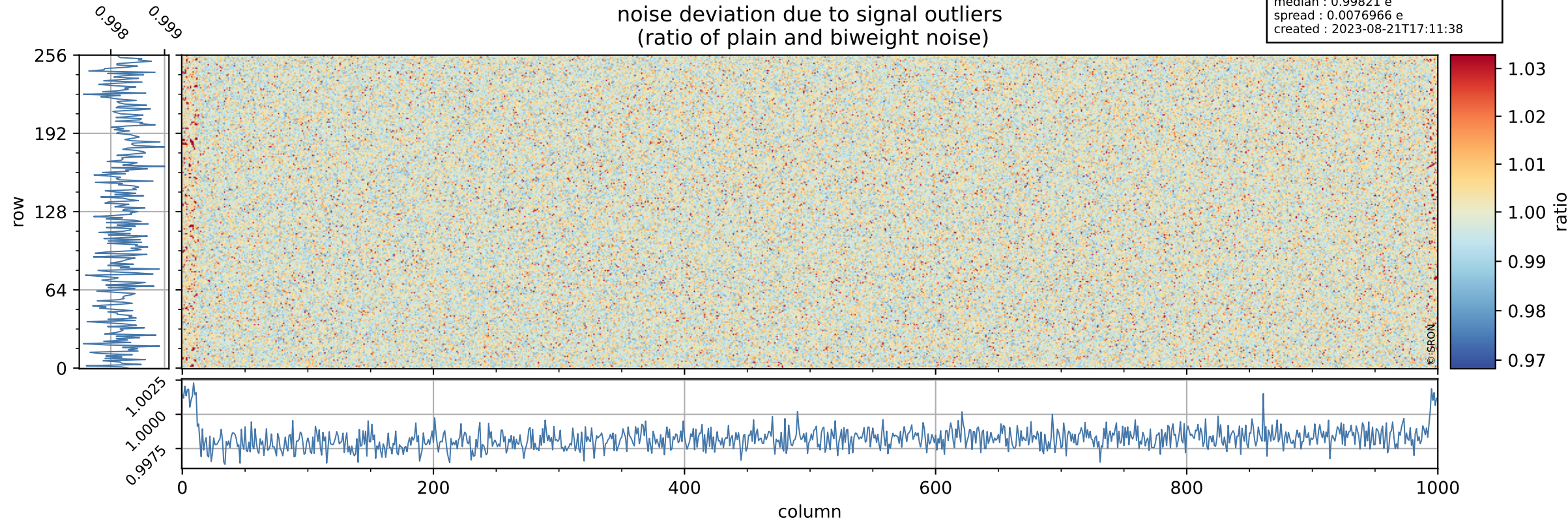




# Tropomi SWIR background noise (swir)

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

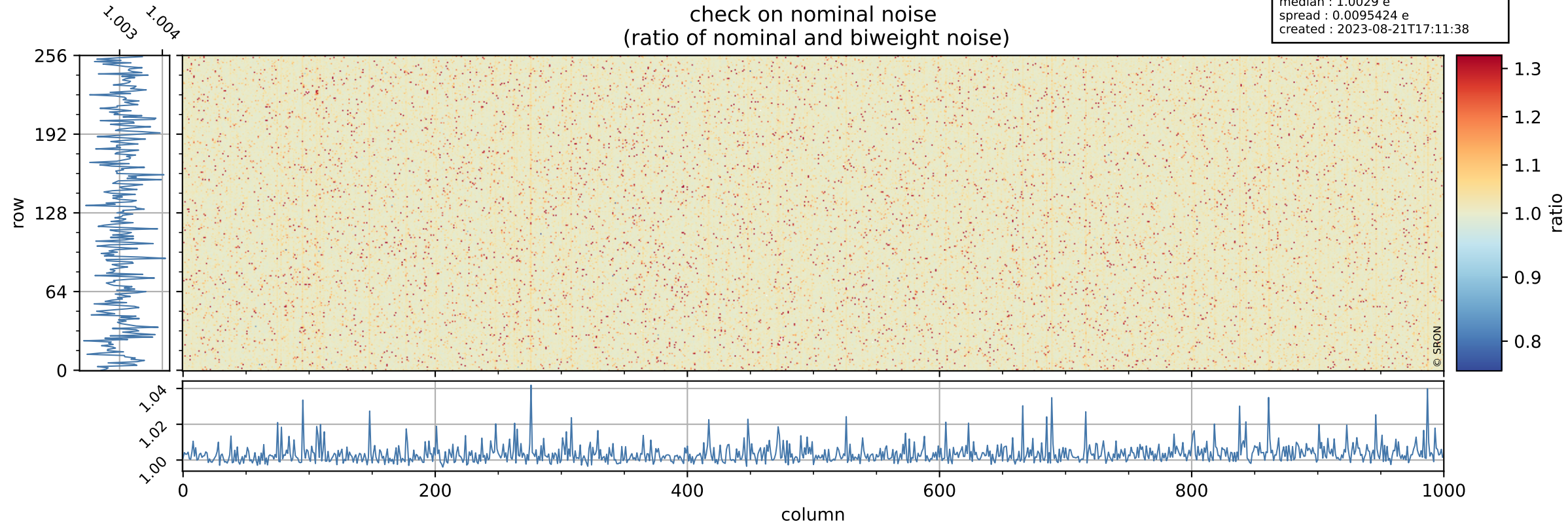
orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
median : 0.99821 e  
spread : 0.0076966 e  
created : 2023-08-21T17:11:38



# Tropomi SWIR background noise (swir)

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

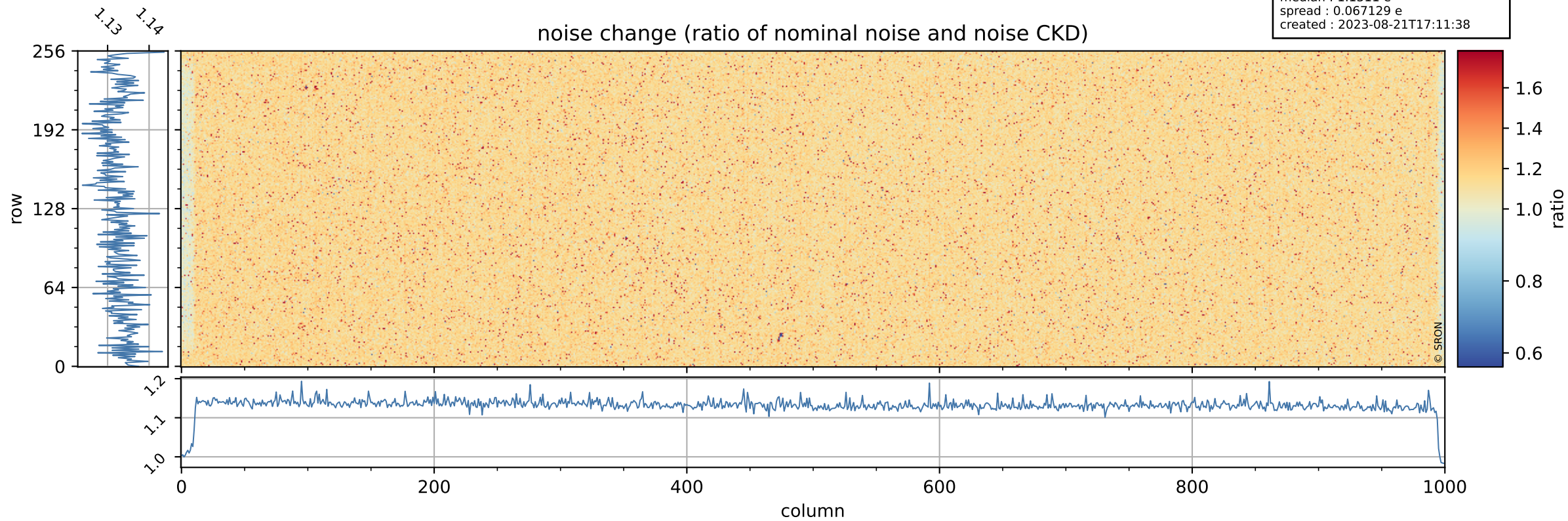
orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
median : 1.0029 e  
spread : 0.0095424 e  
created : 2023-08-21T17:11:38





# Tropomi SWIR background noise (swir)

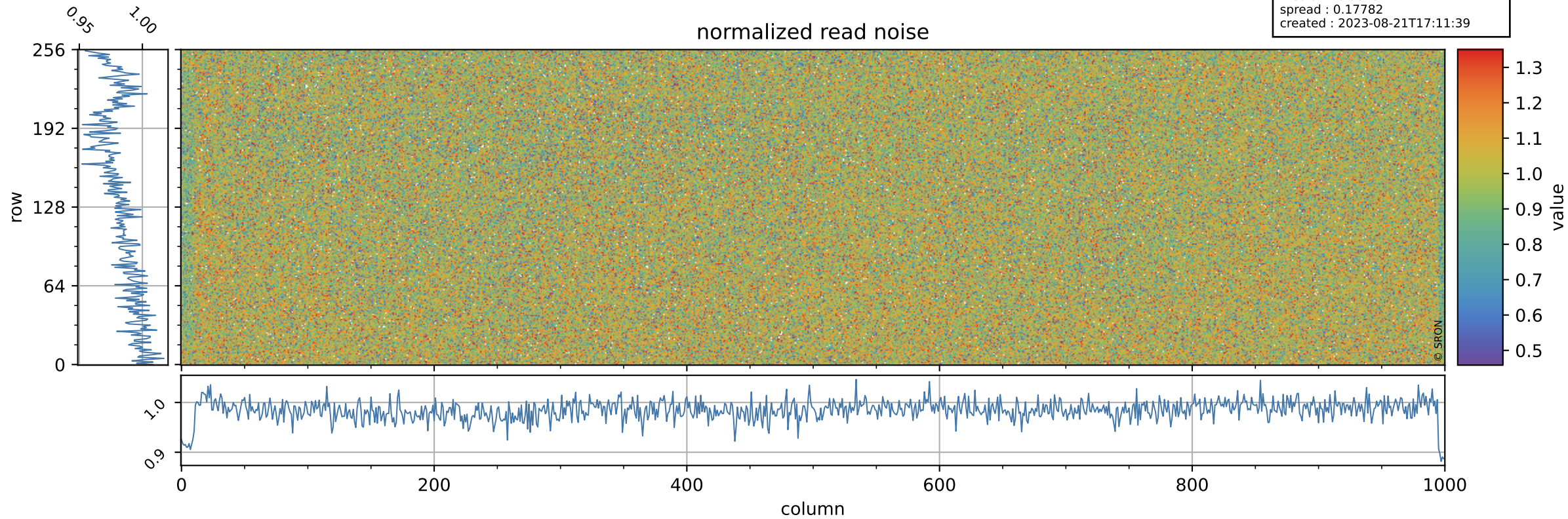
orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
median : 1.1311 e  
spread : 0.067129 e  
created : 2023-08-21T17:11:38





# Tropomi SWIR background noise (swir)

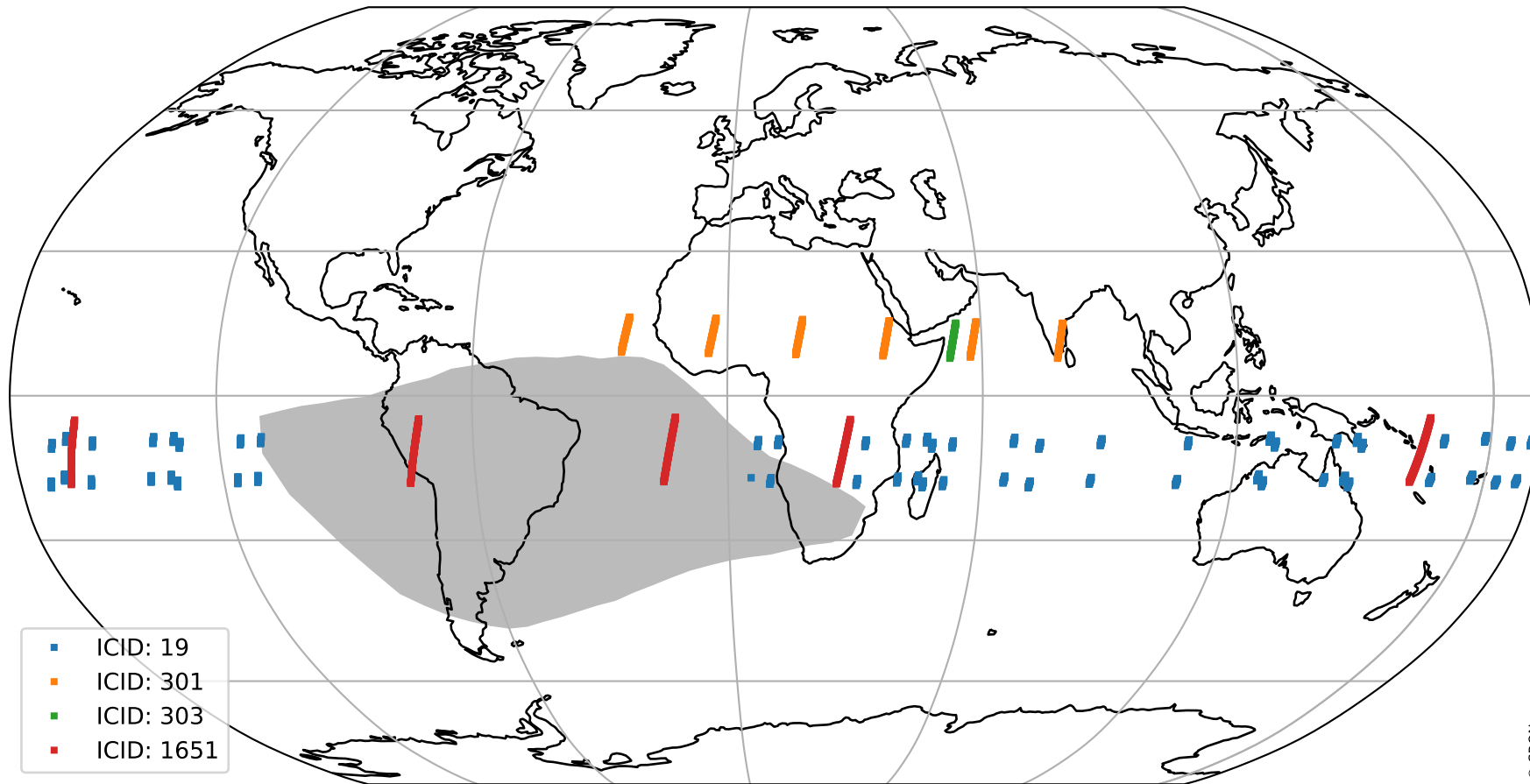
orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
median : 0.9825  
spread : 0.17782  
created : 2023-08-21T17:11:39





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

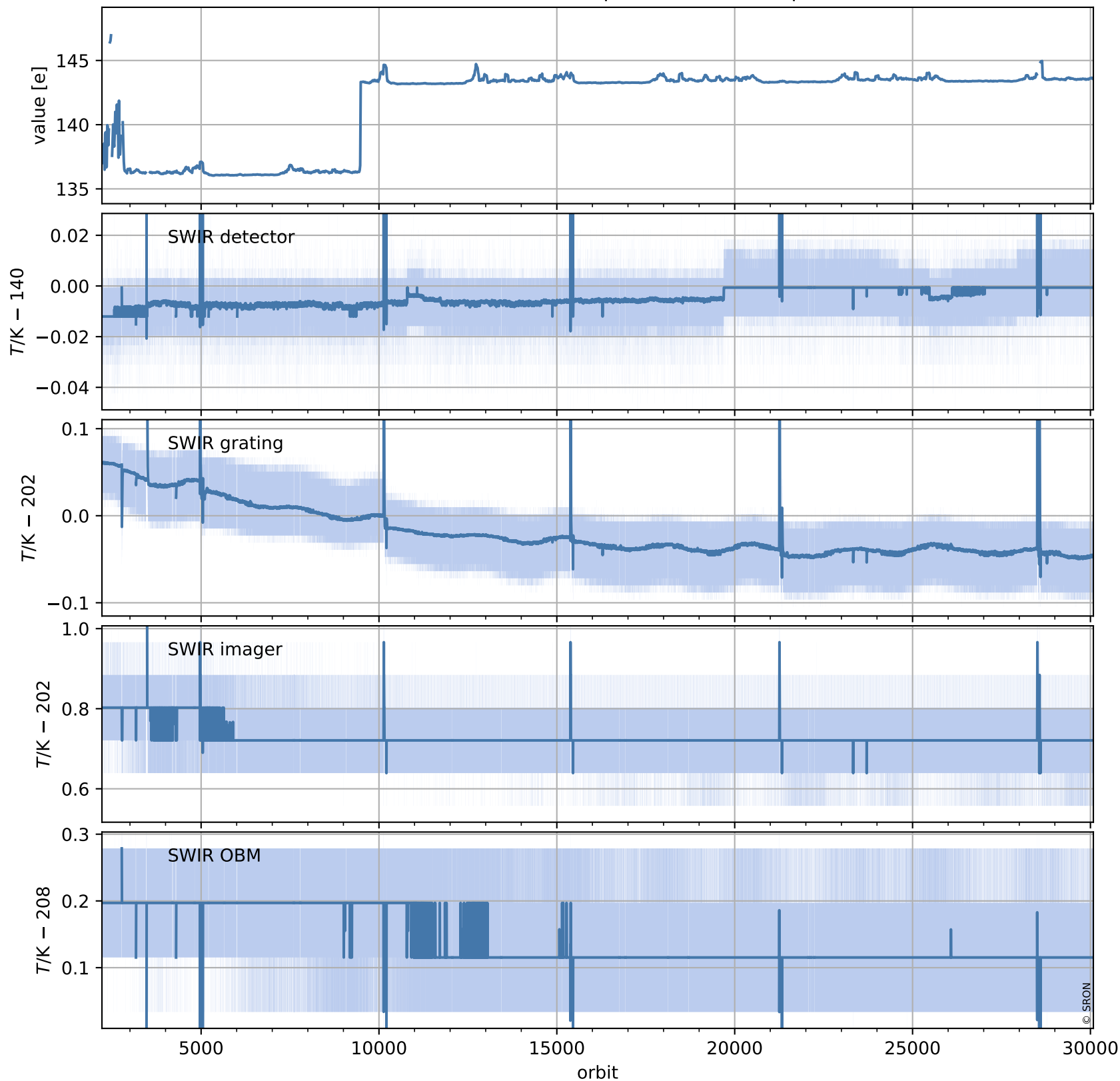
orbits : 12 in [30007, 30082]  
coverage : 2023-07-28 / 2023-08-03  
created : 2023-08-21T17:11:39



# Tropomi SWIR background noise (swir)

orbits : [2212, 30082]  
coverage : 2018-03-18 / 2023-08-03  
created : 2023-08-21T17:11:39

## trend of detector median of plain noise & temperatures

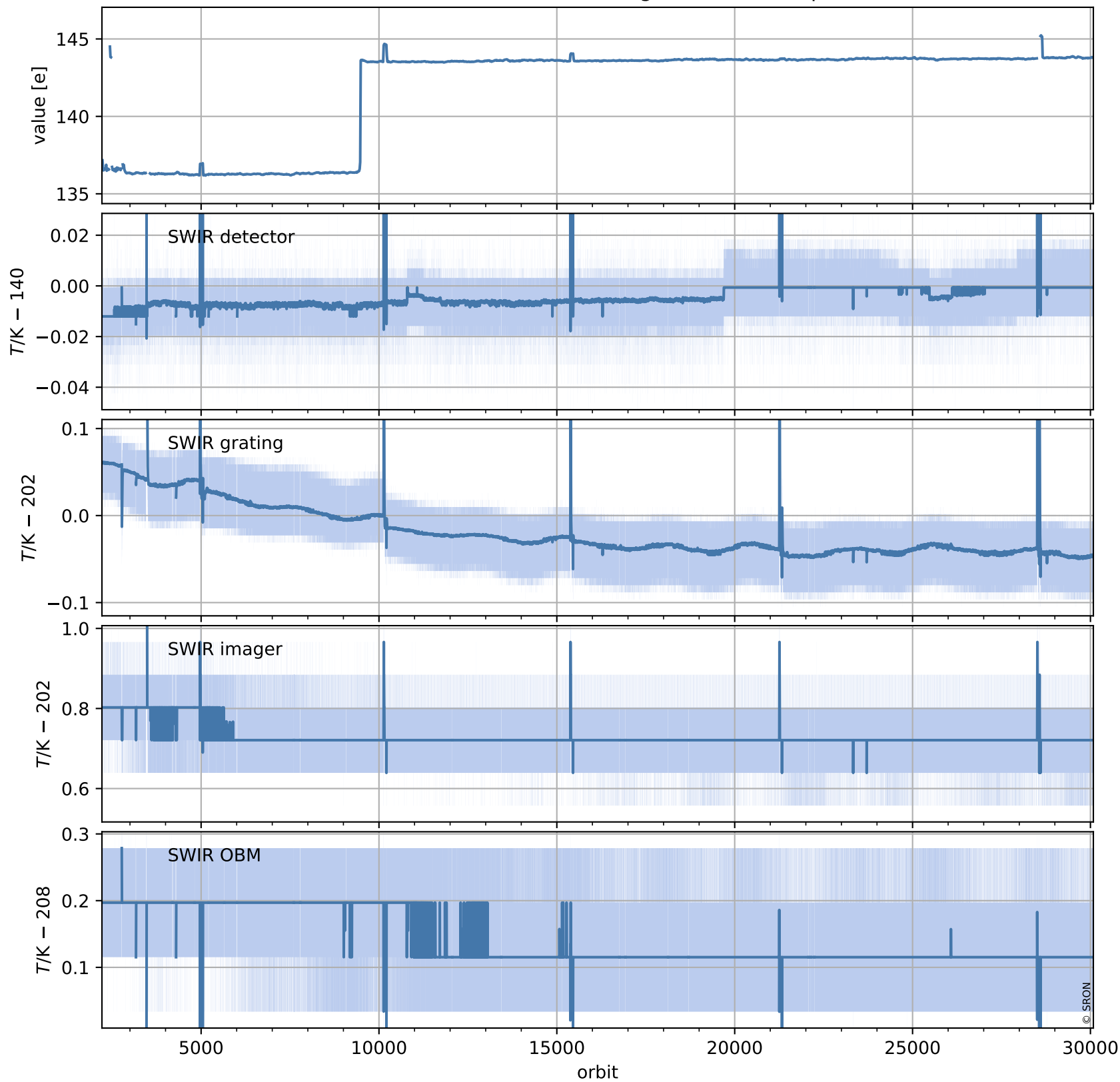




# Tropomi SWIR background noise (swir)

orbits : [2212, 30082]  
coverage : 2018-03-18 / 2023-08-03  
created : 2023-08-21T17:11:40

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 30082]  
coverage : 2018-03-18 / 2023-08-03  
created : 2023-08-21T17:11:41

## trend of normalized read-noise & temperatures

