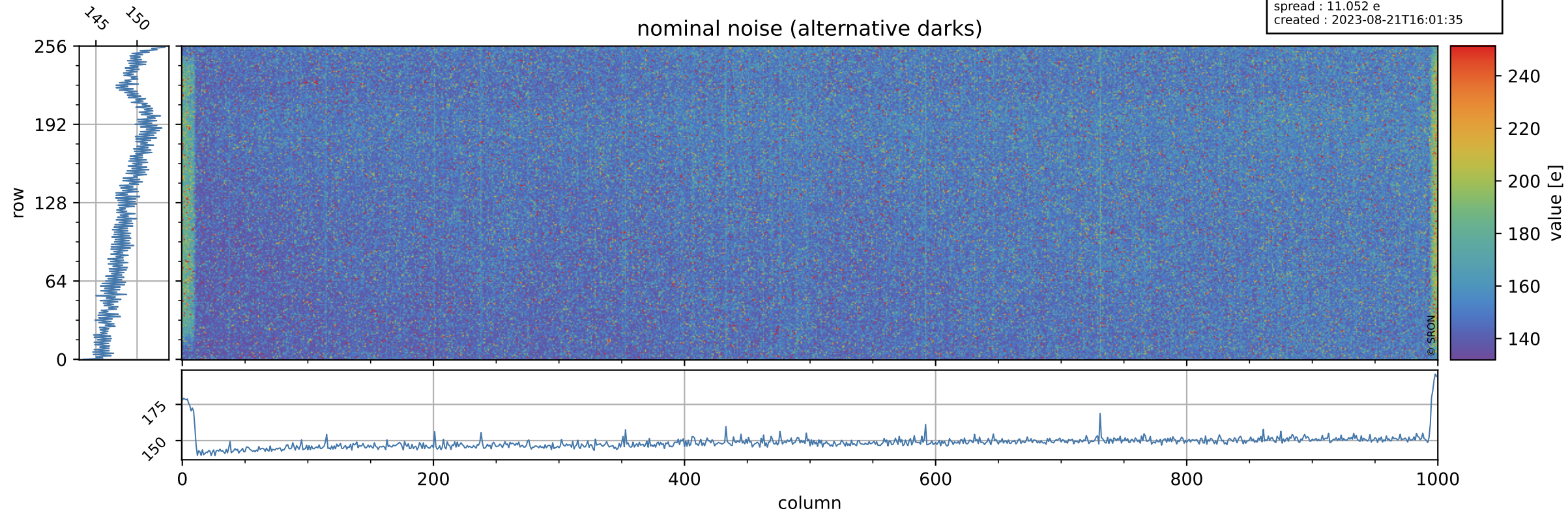


# Tropomi SWIR background noise (swir)

orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.64 e  
spread : 11.052 e  
created : 2023-08-21T16:01:35

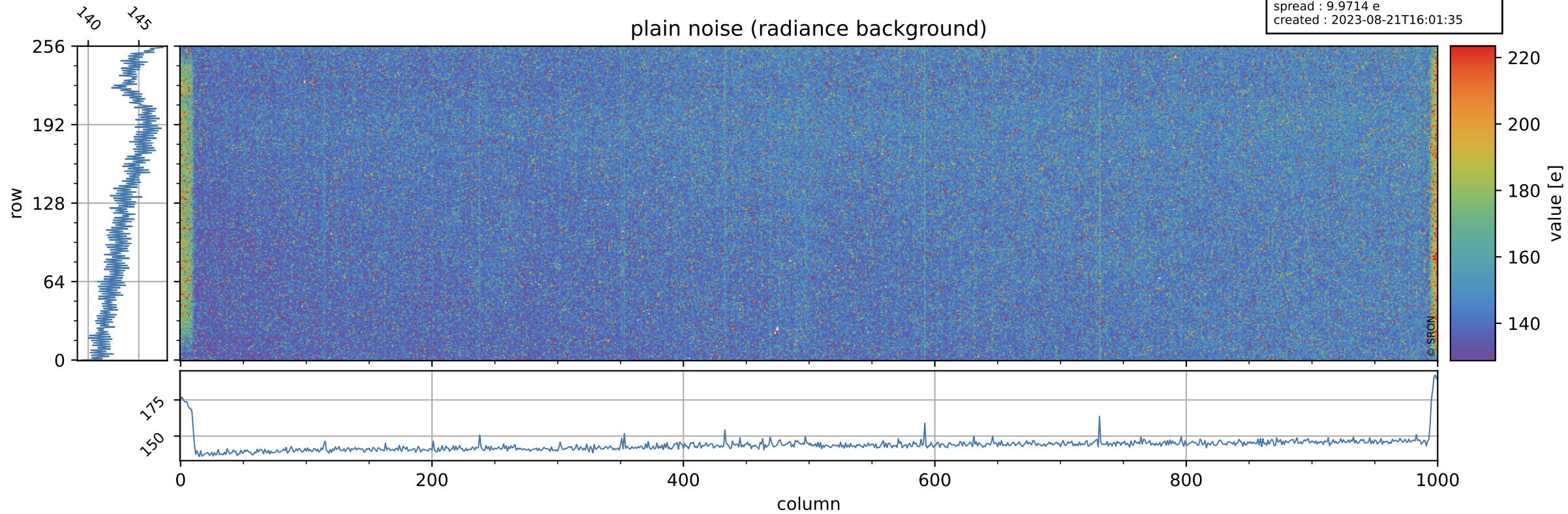
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.62 e  
spread : 9.9714 e  
created : 2023-08-21T16:01:35

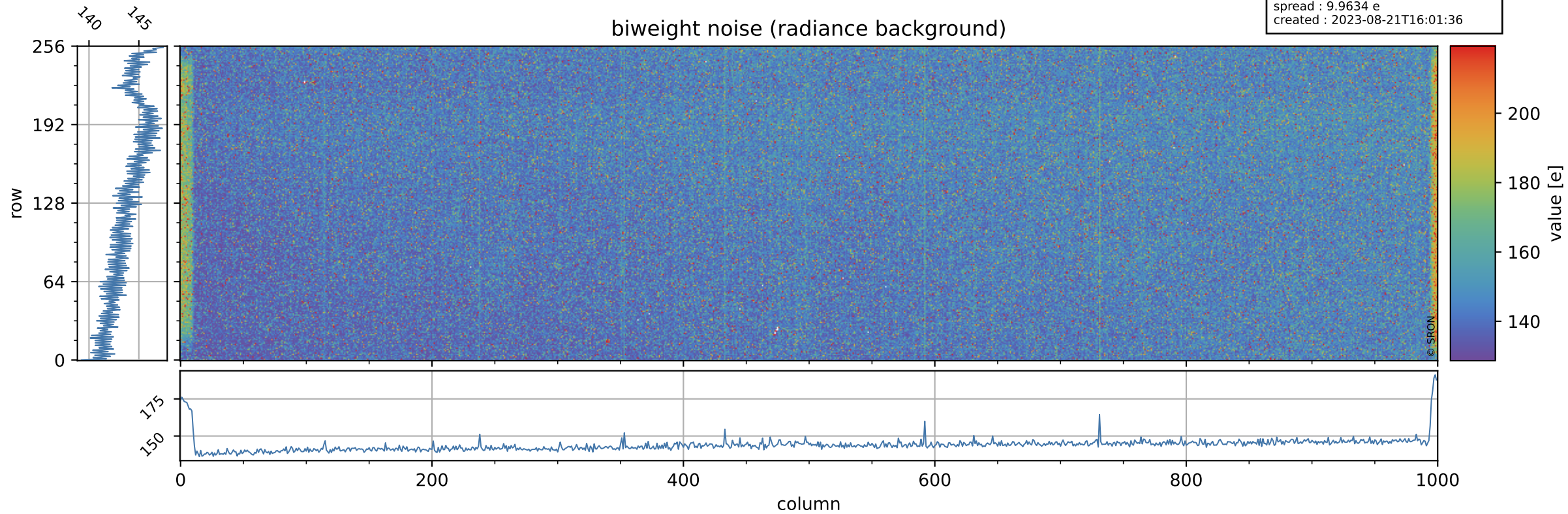
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.79 e  
spread : 9.9634 e  
created : 2023-08-21T16:01:36

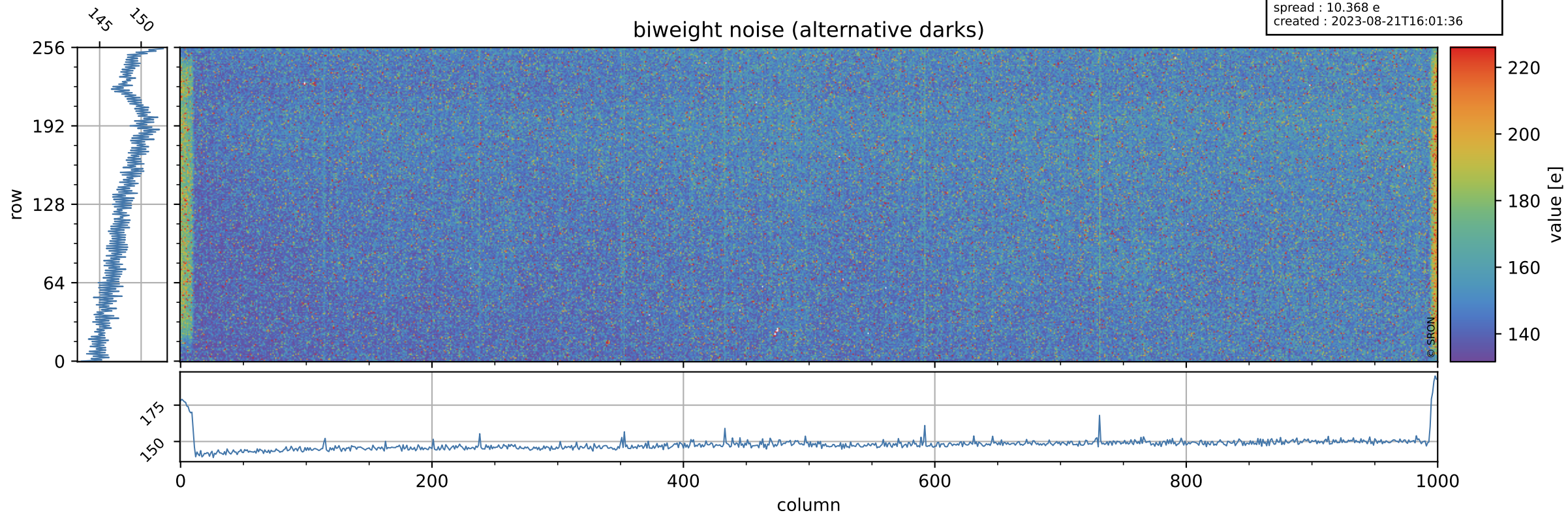
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.74 e  
spread : 10.368 e  
created : 2023-08-21T16:01:36

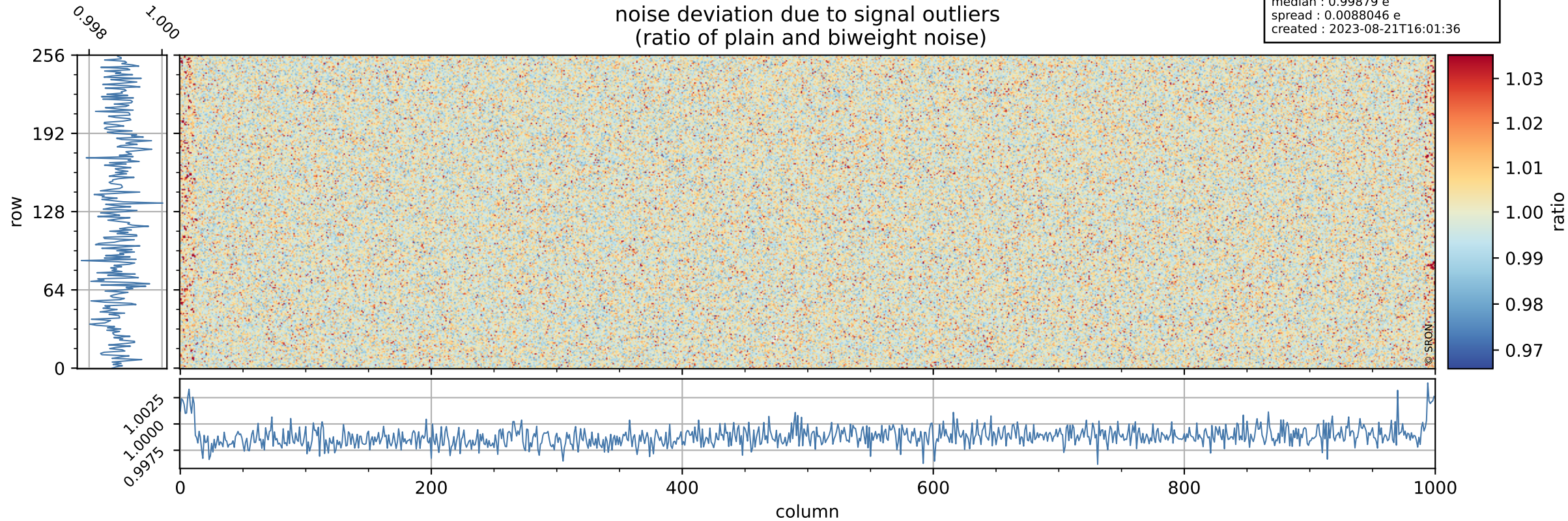
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

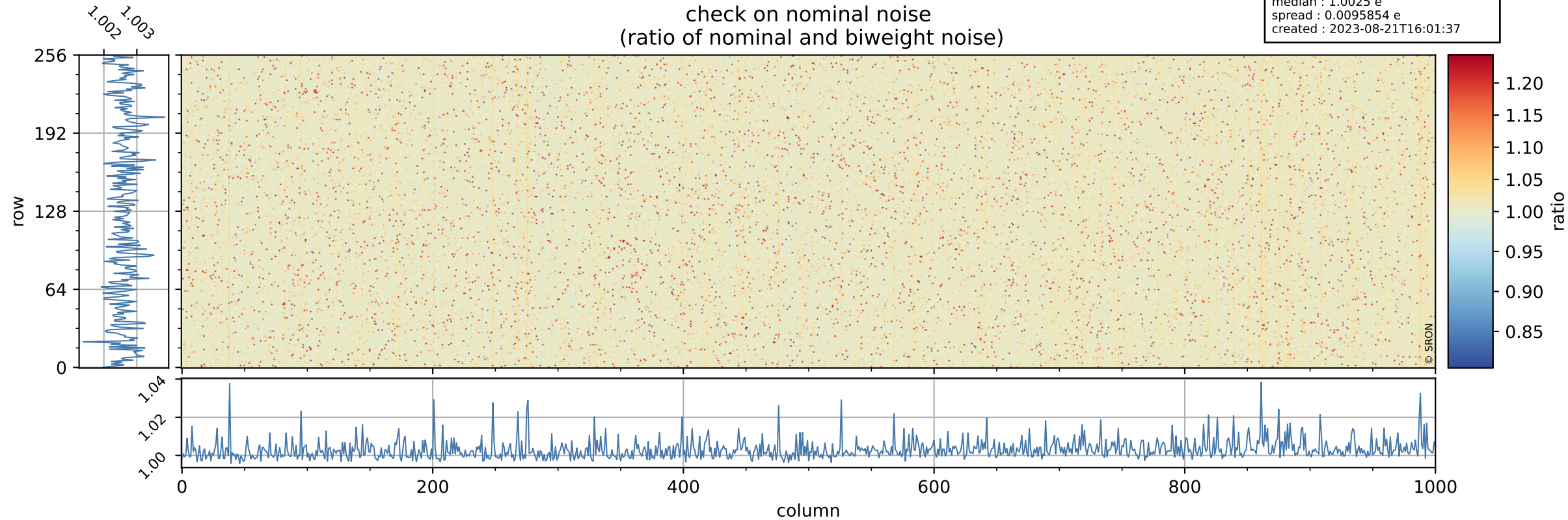
orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
median : 0.99879 e  
spread : 0.0088046 e  
created : 2023-08-21T16:01:36



# Tropomi SWIR background noise (swir)

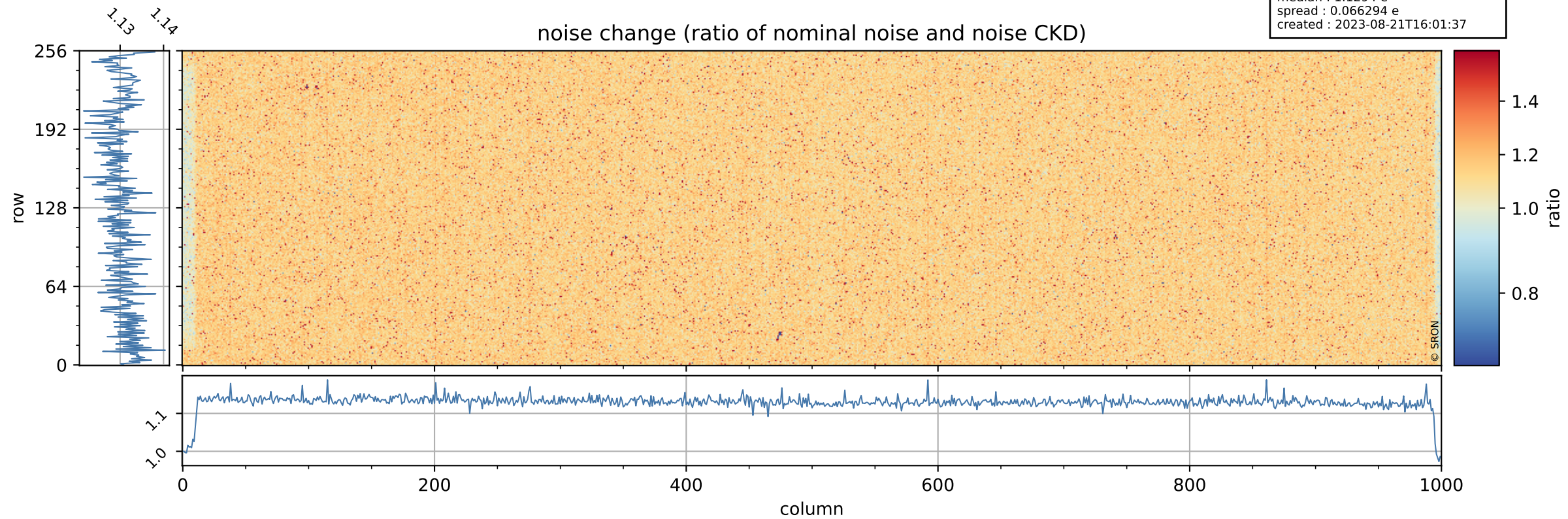
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
median : 1.0025 e  
spread : 0.0095854 e  
created : 2023-08-21T16:01:37



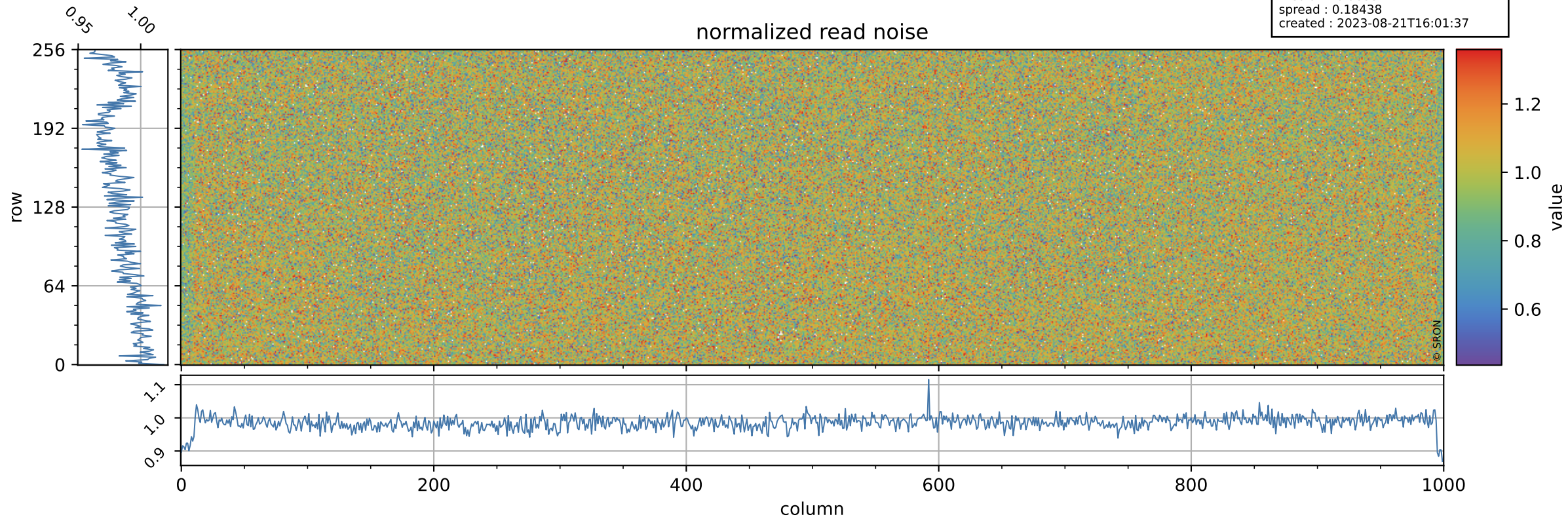
# Tropomi SWIR background noise (swir)

orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
median : 1.1294 e  
spread : 0.066294 e  
created : 2023-08-21T16:01:37



# Tropomi SWIR background noise (swir)

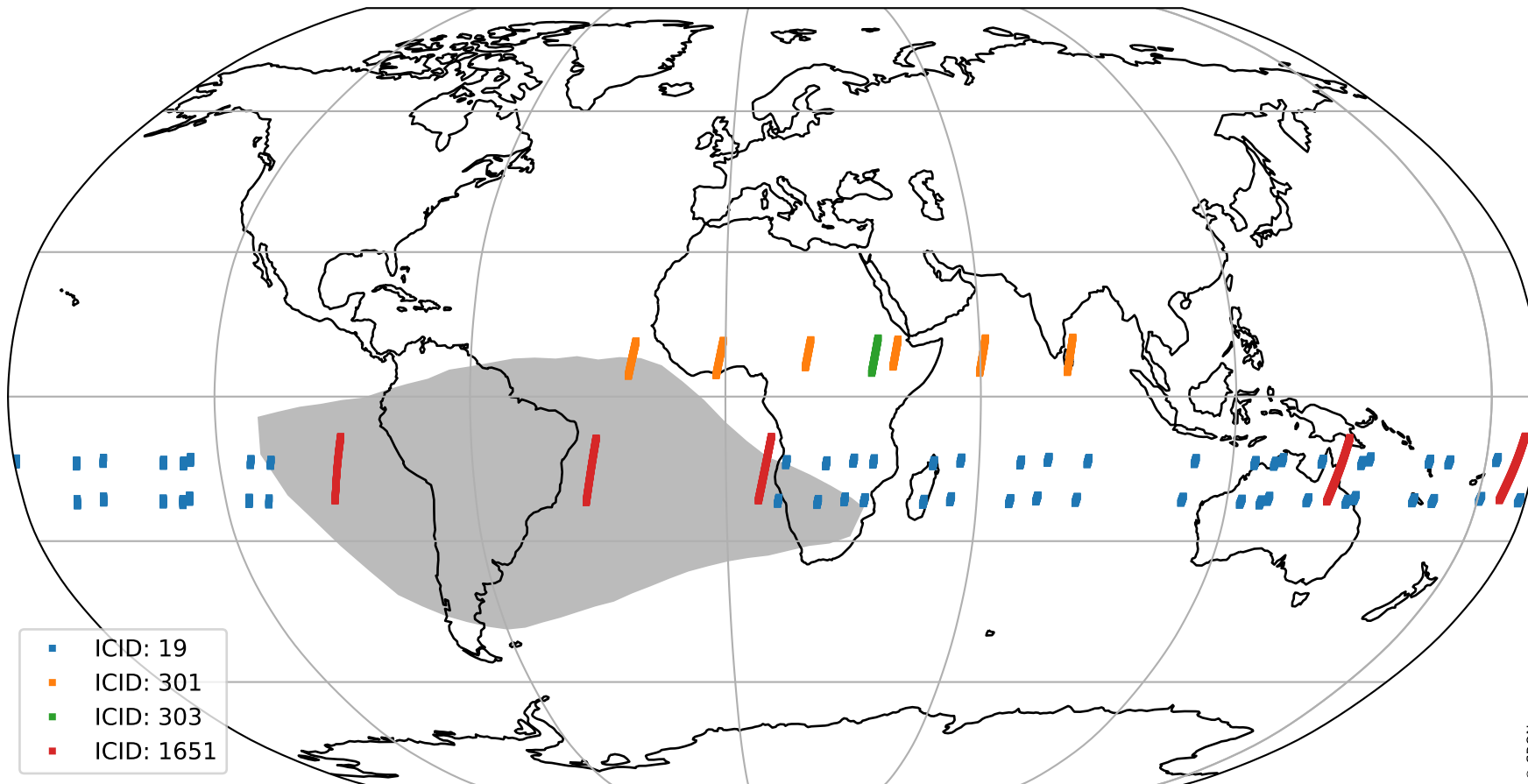
orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
median : 0.9833  
spread : 0.18438  
created : 2023-08-21T16:01:37





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

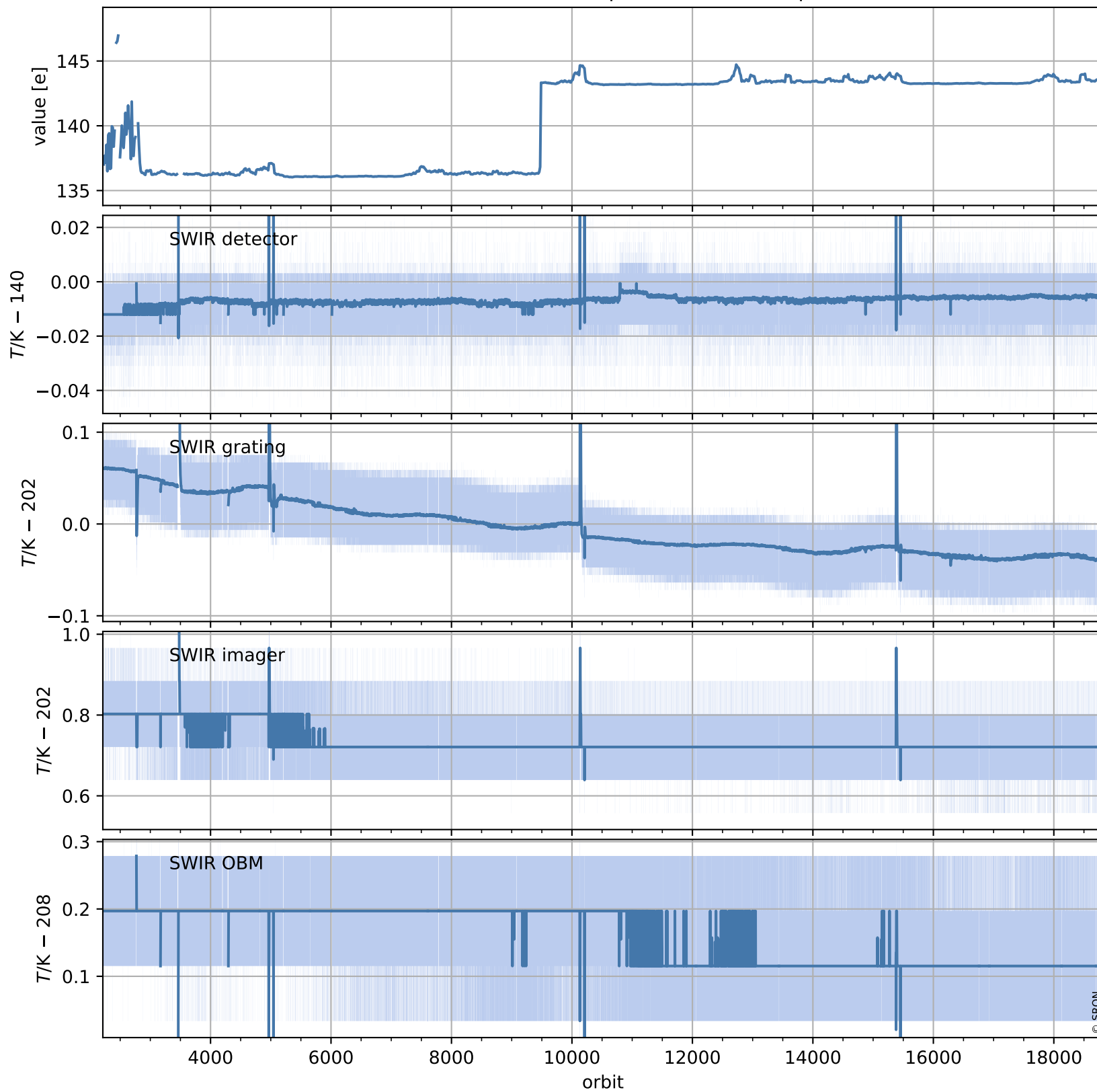
orbits : 12 in [18742, 18817]  
coverage : 2021-05-25 / 2021-05-31  
created : 2023-08-21T16:01:37



# Tropomi SWIR background noise (swir)

orbits : [2212, 18817]  
coverage : 2018-03-18 / 2021-05-31  
created : 2023-08-21T16:01:38

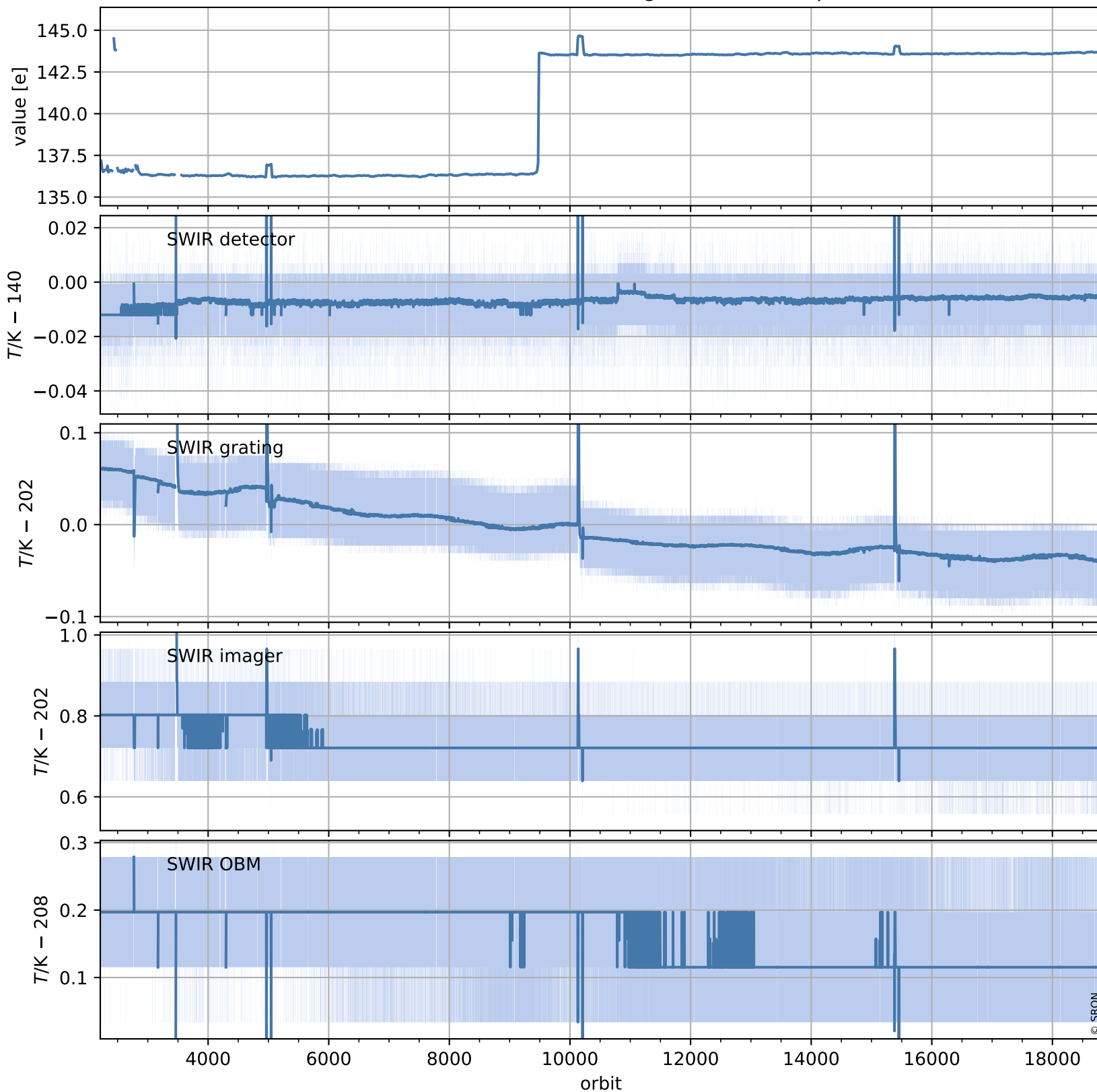
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18817]  
coverage : 2018-03-18 / 2021-05-31  
created : 2023-08-21T16:01:38

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18817]  
coverage : 2018-03-18 / 2021-05-31  
created : 2023-08-21T16:01:39

## trend of normalized read-noise & temperatures

