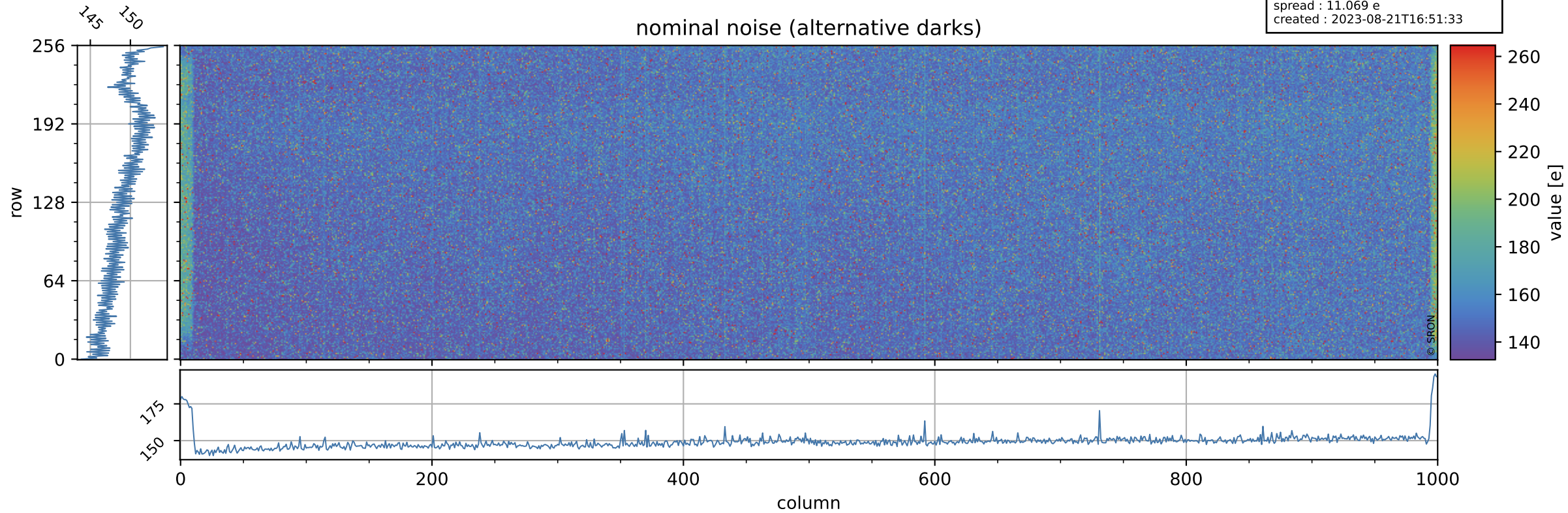


# Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
n\_coad, t\_exp : 1, 1.0783  
median : 148.93 e  
spread : 11.069 e  
created : 2023-08-21T16:51:33

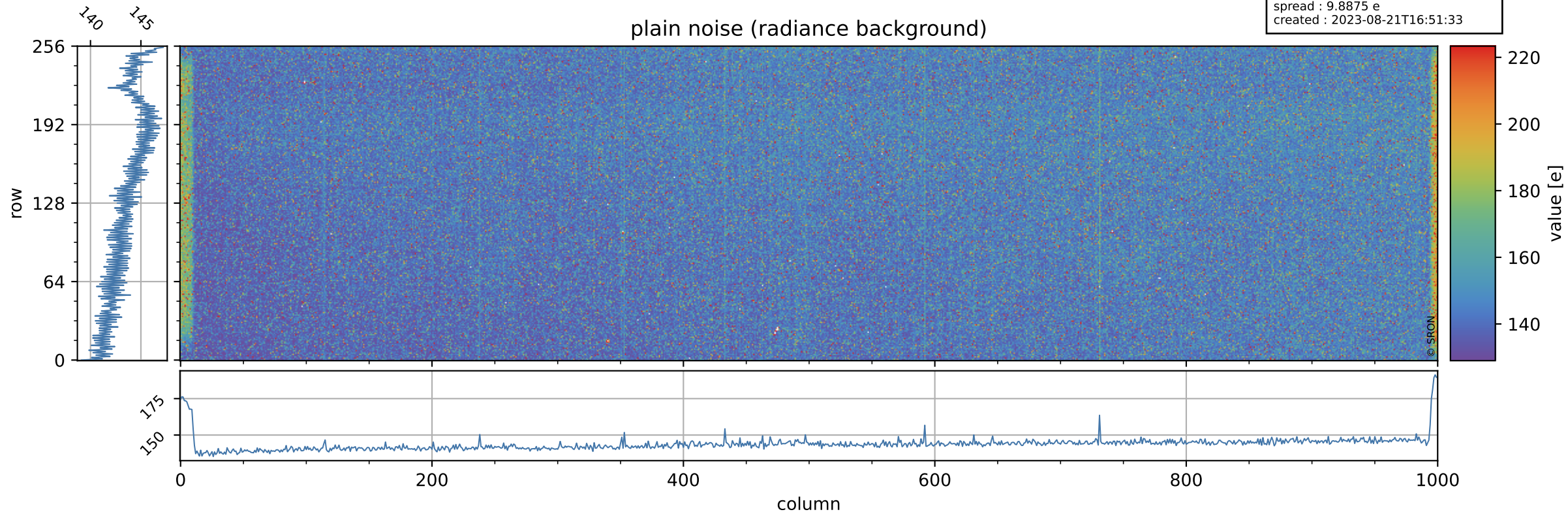
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
n\_coad, t\_exp : 1, 0.8383  
median : 143.55 e  
spread : 9.8875 e  
created : 2023-08-21T16:51:33

plain noise (radiance background)

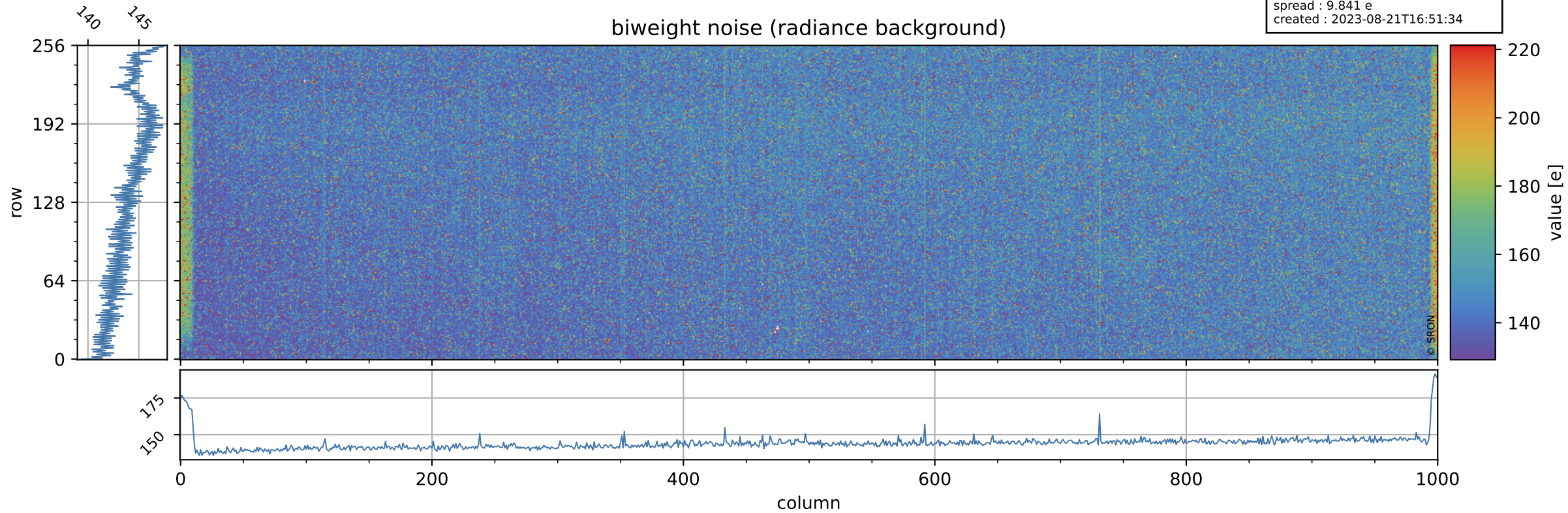




# Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 9.841 e  
created : 2023-08-21T16:51:34

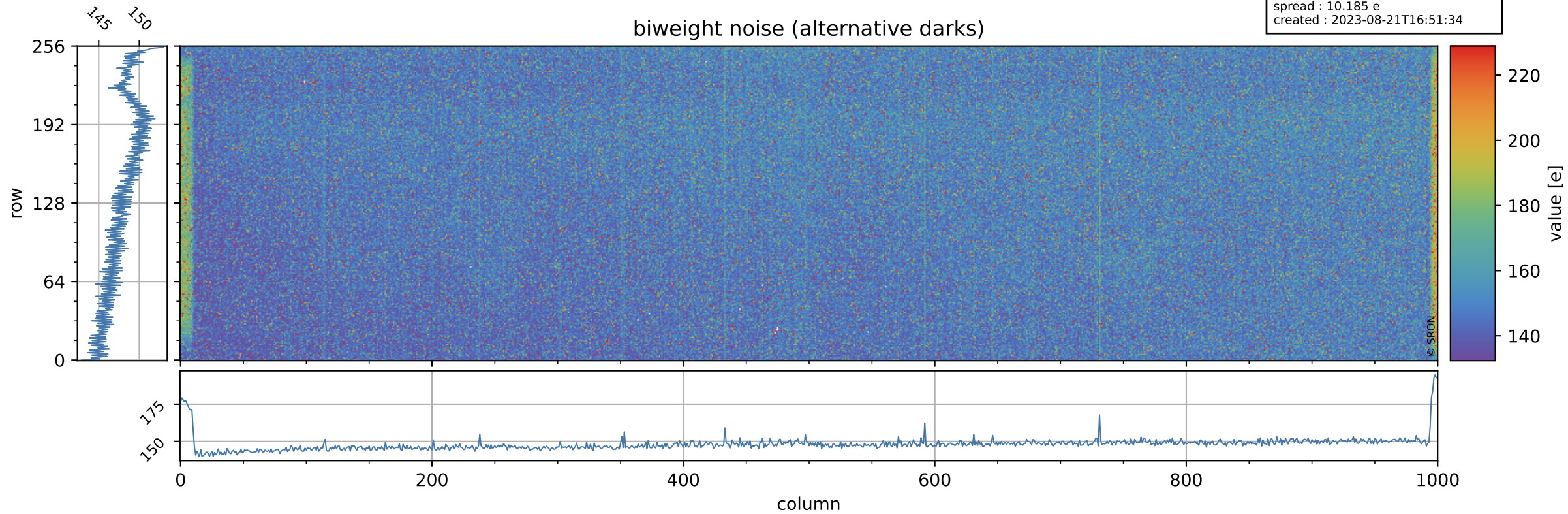
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
n\_coad, t\_exp : 1, 1.0783  
median : 147.85 e  
spread : 10.185 e  
created : 2023-08-21T16:51:34

## biweight noise (alternative darks)

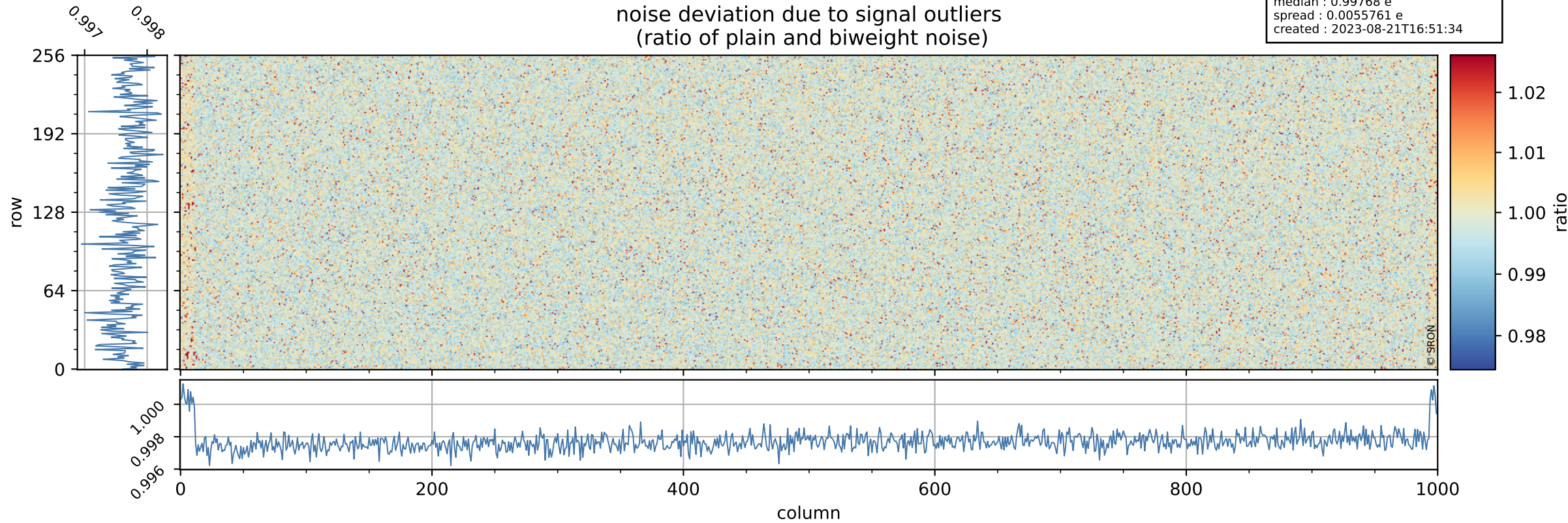




# Tropomi SWIR background noise (swir)

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

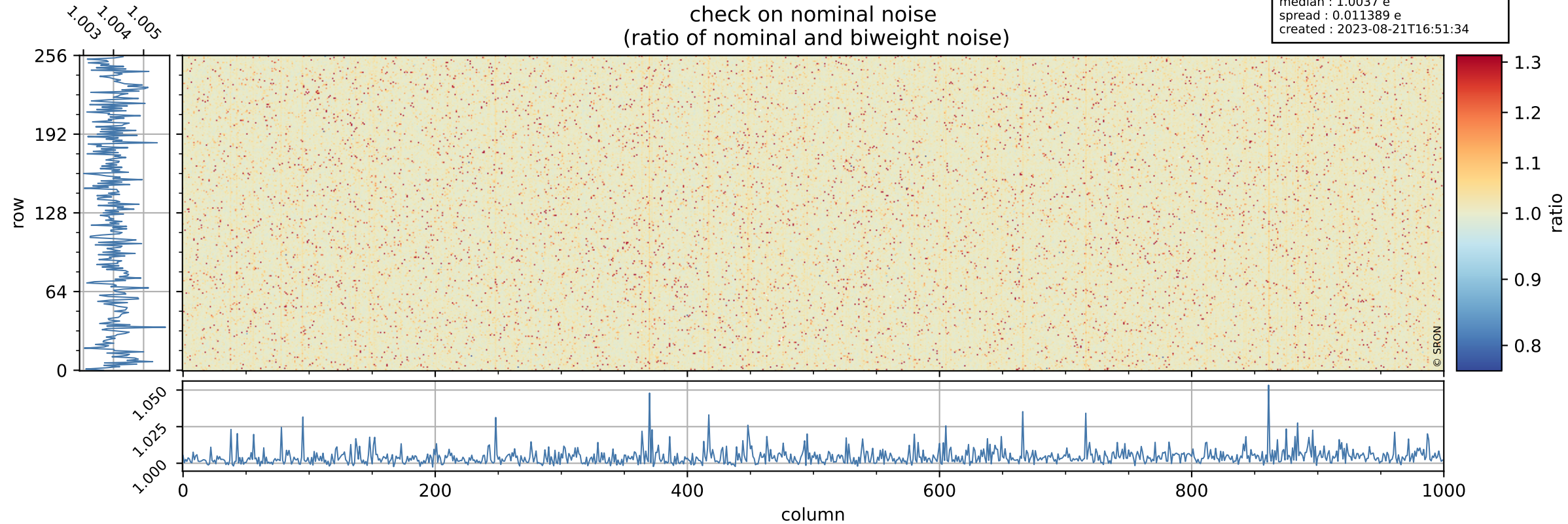
orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
median : 0.99768 e  
spread : 0.0055761 e  
created : 2023-08-21T16:51:34



# Tropomi SWIR background noise (swir)

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

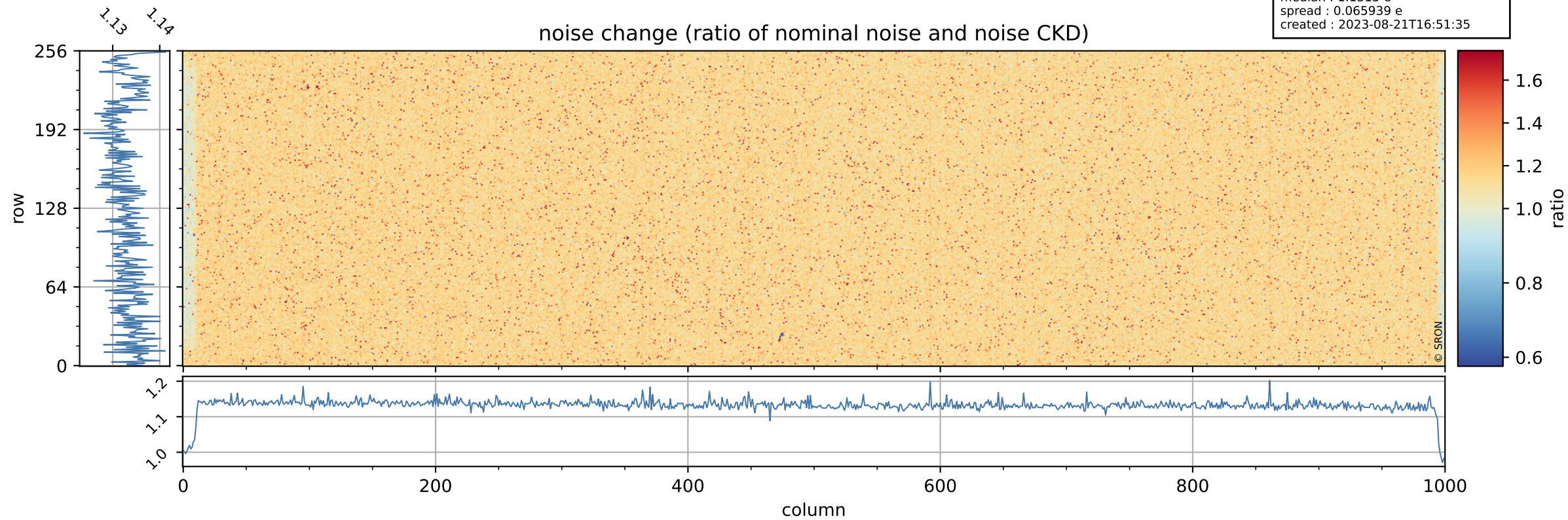
orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
median : 1.0037 e  
spread : 0.011389 e  
created : 2023-08-21T16:51:34





# Tropomi SWIR background noise (swir)

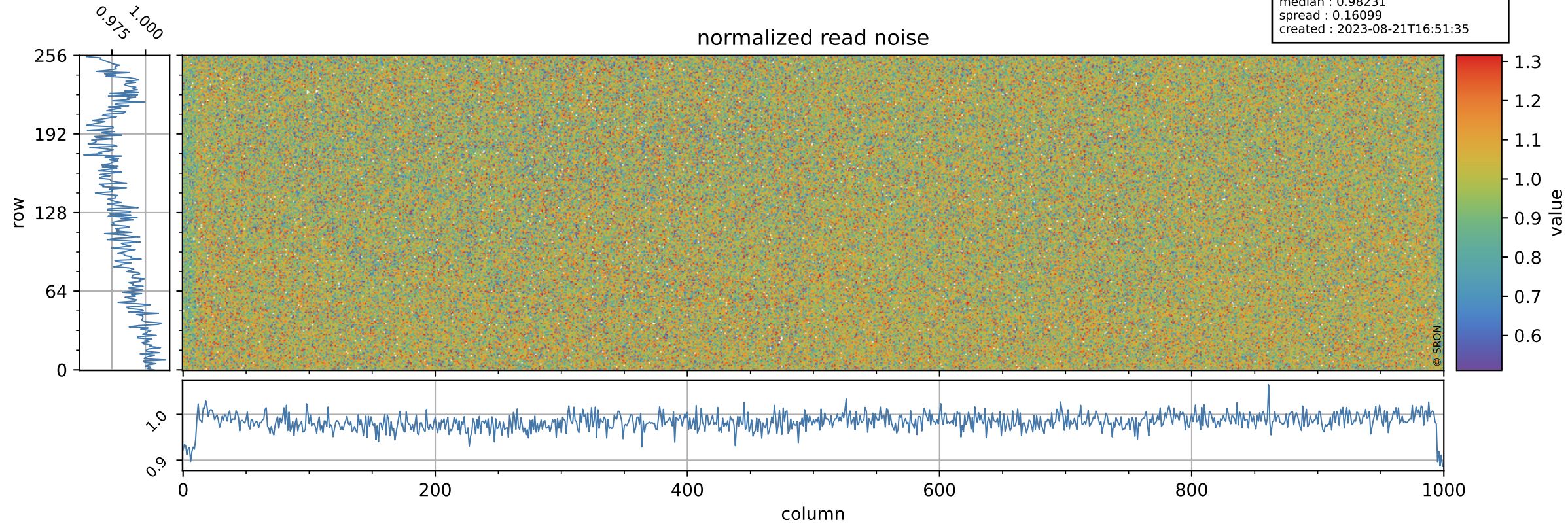
orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
median : 1.1315 e  
spread : 0.065939 e  
created : 2023-08-21T16:51:35





# Tropomi SWIR background noise (swir)

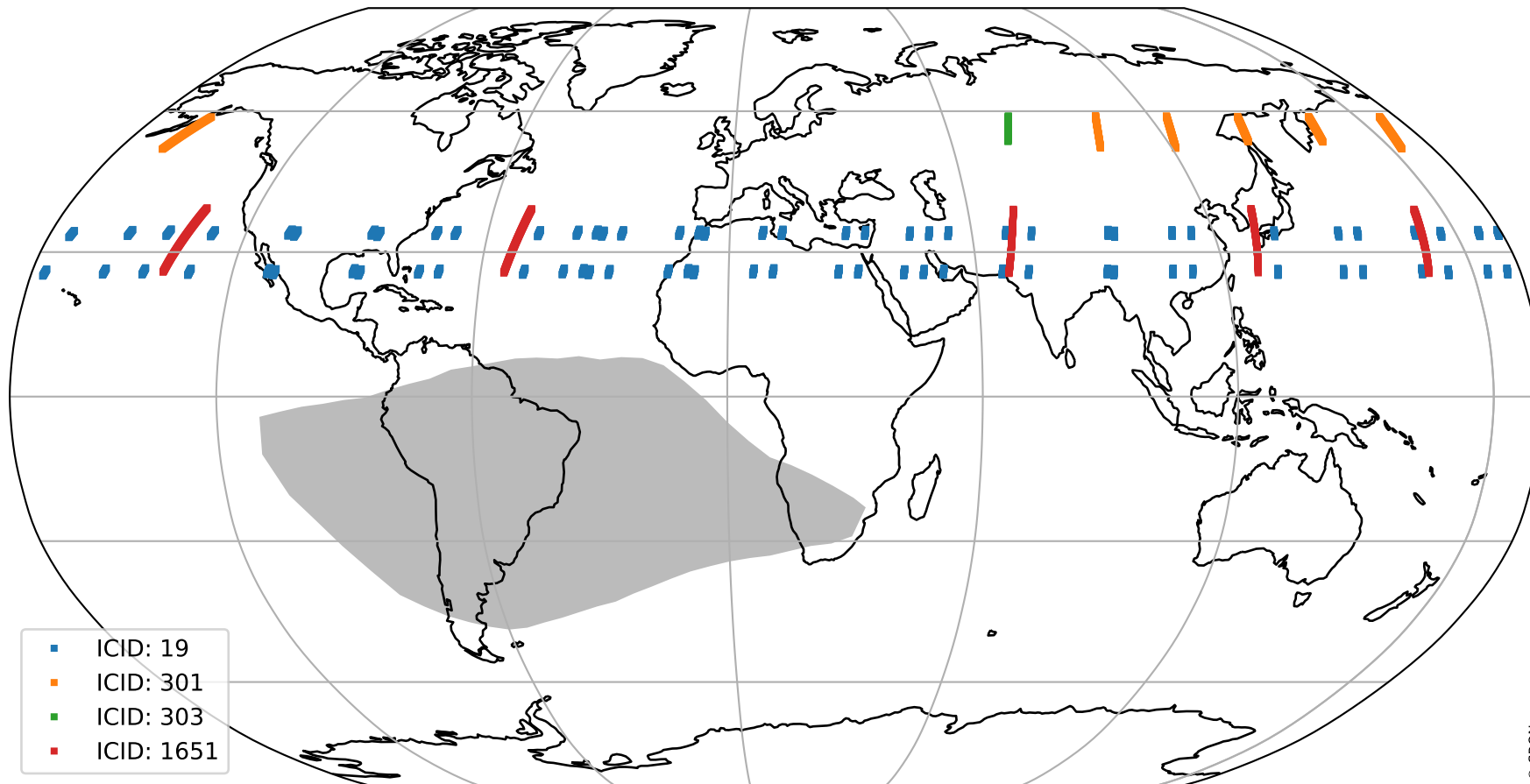
orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
median : 0.98231  
spread : 0.16099  
created : 2023-08-21T16:51:35





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

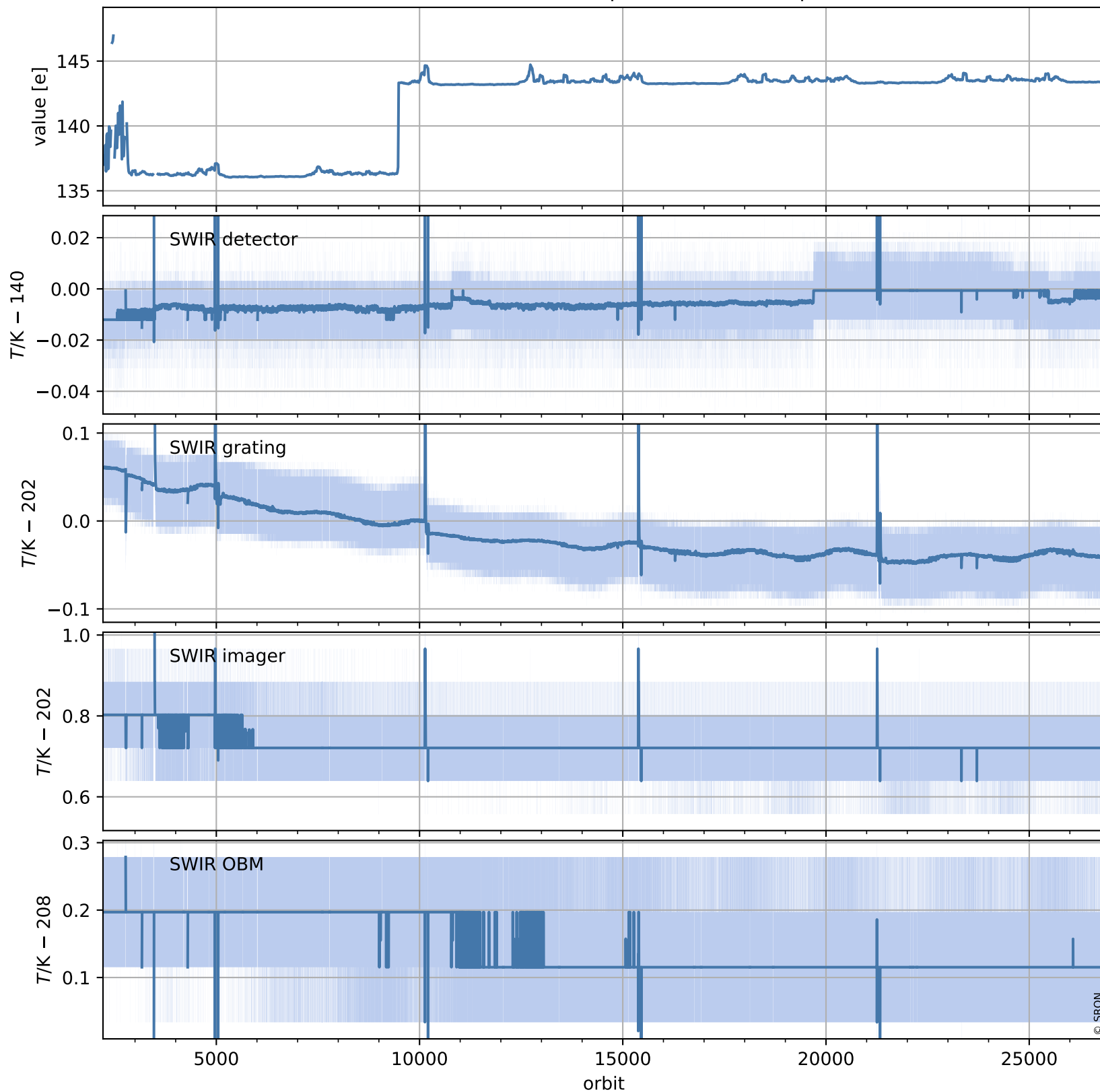
orbits : 12 in [26767, 26857]  
coverage : 2022-12-13 / 2022-12-19  
created : 2023-08-21T16:51:35



# Tropomi SWIR background noise (swir)

orbits : [2212, 26857]  
coverage : 2018-03-18 / 2022-12-19  
created : 2023-08-21T16:51:36

## trend of detector median of plain noise & temperatures

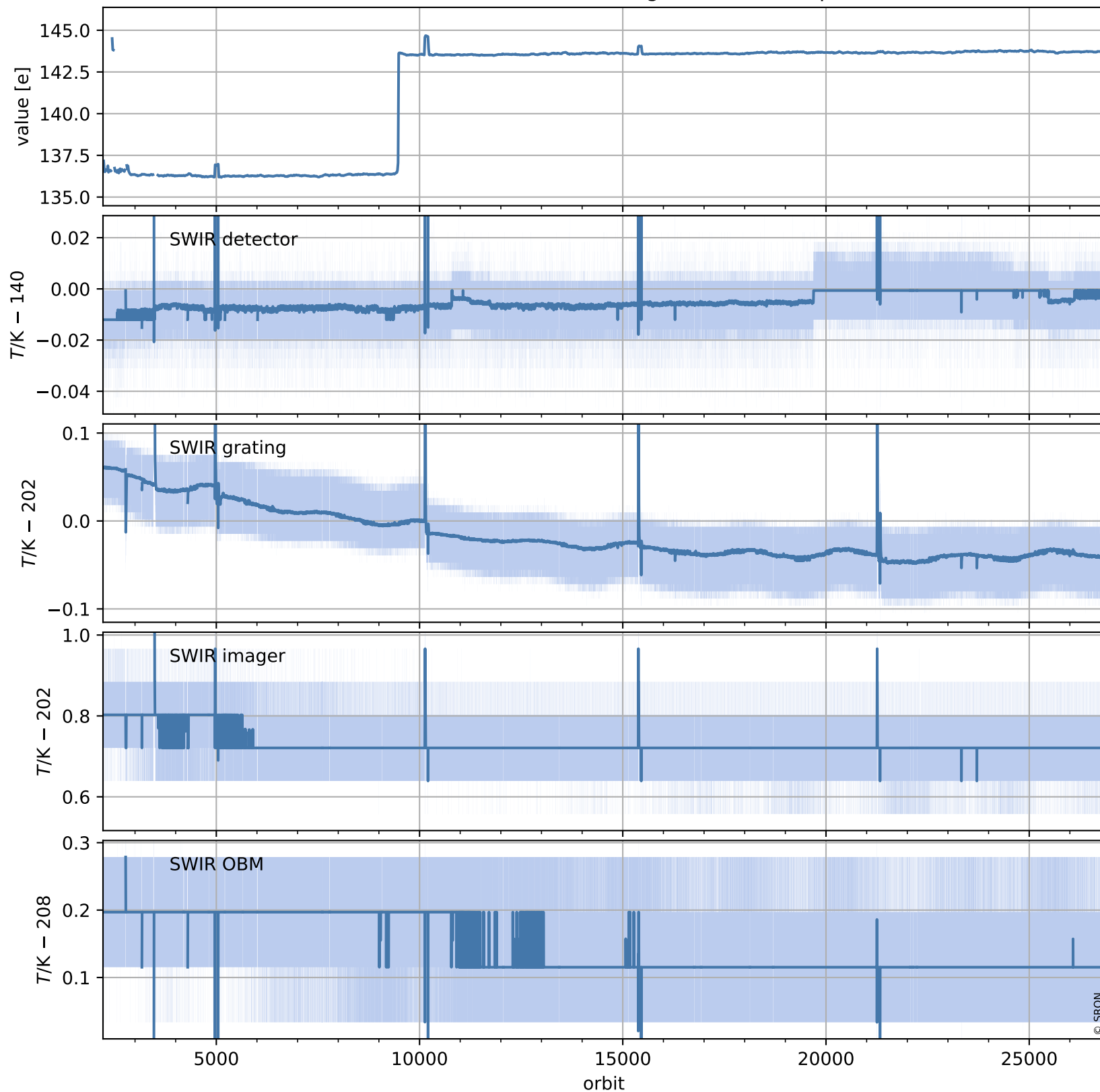




# Tropomi SWIR background noise (swir)

orbits : [2212, 26857]  
coverage : 2018-03-18 / 2022-12-19  
created : 2023-08-21T16:51:36

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26857]  
coverage : 2018-03-18 / 2022-12-19  
created : 2023-08-21T16:51:37

## trend of normalized read-noise & temperatures

