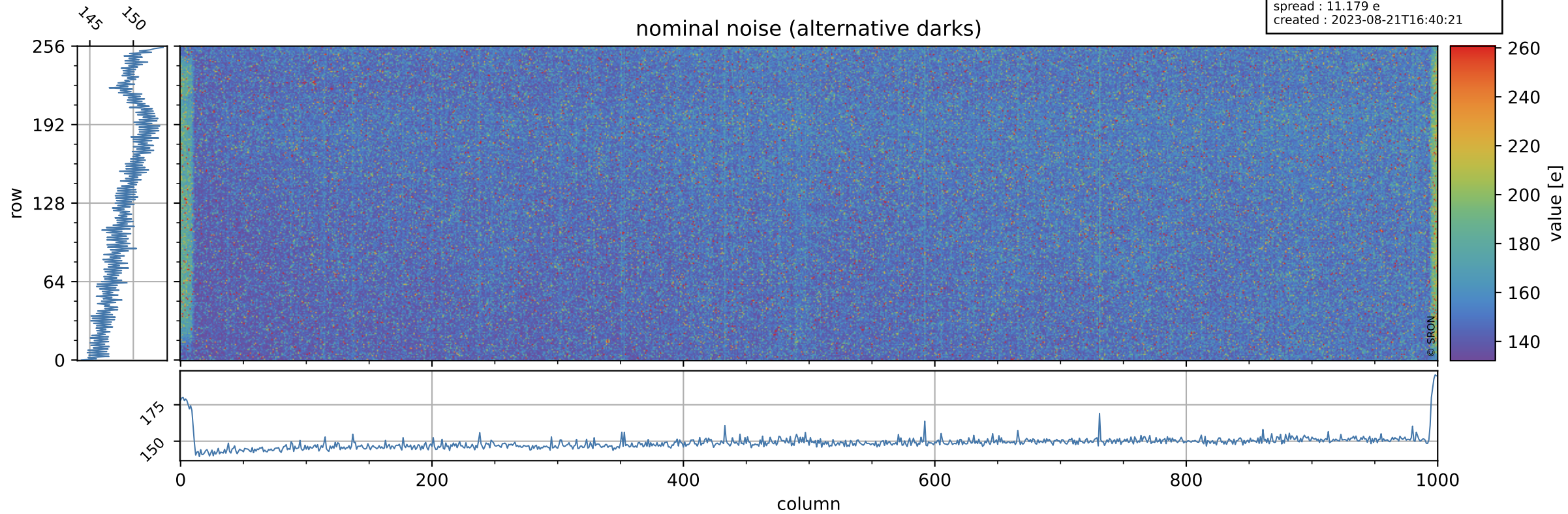


# Tropomi SWIR background noise (swir)

orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.9 e  
spread : 11.179 e  
created : 2023-08-21T16:40:21

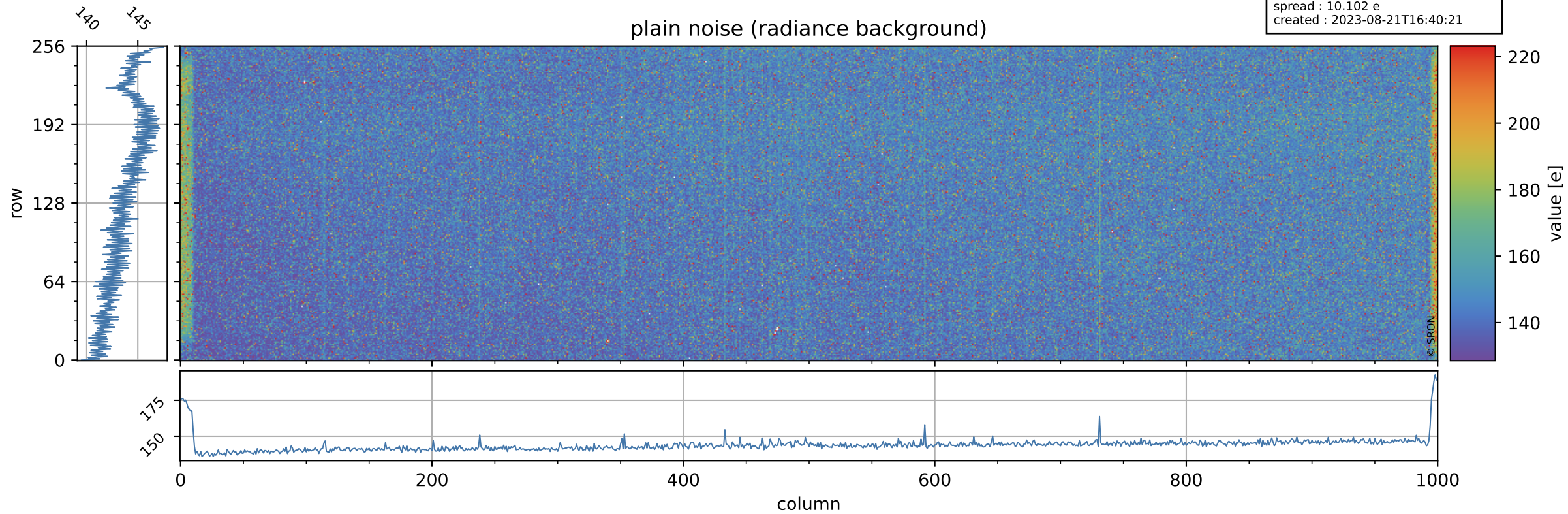
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 10.102 e  
created : 2023-08-21T16:40:21

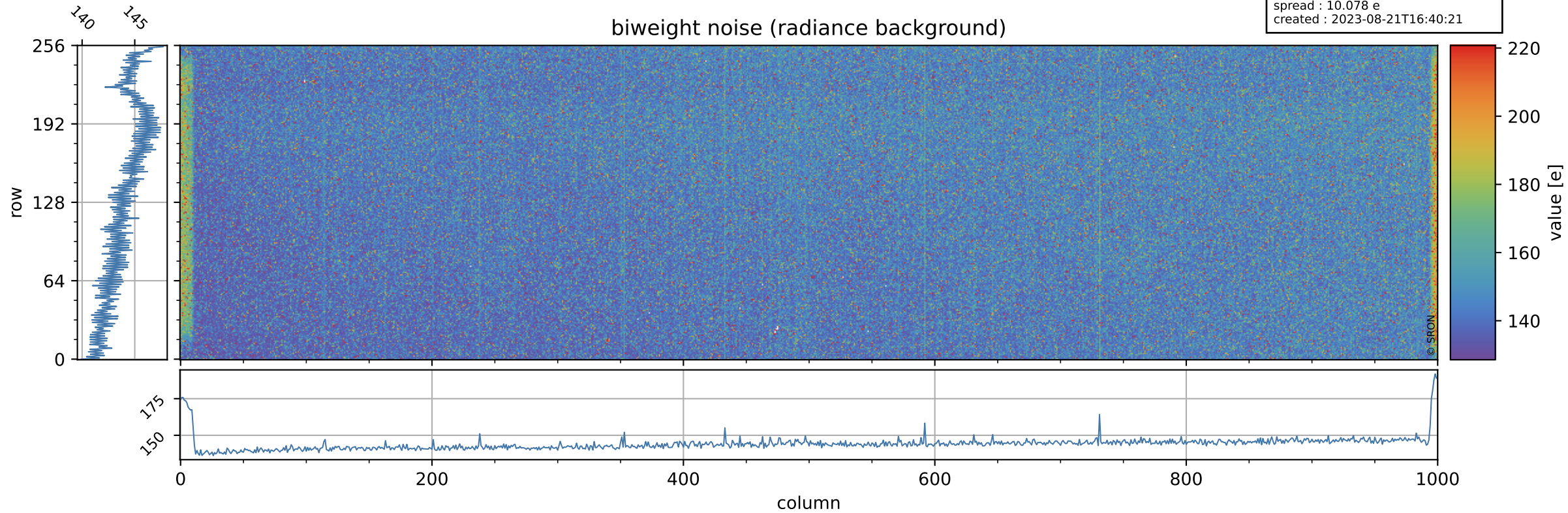
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.92 e  
spread : 10.078 e  
created : 2023-08-21T16:40:21

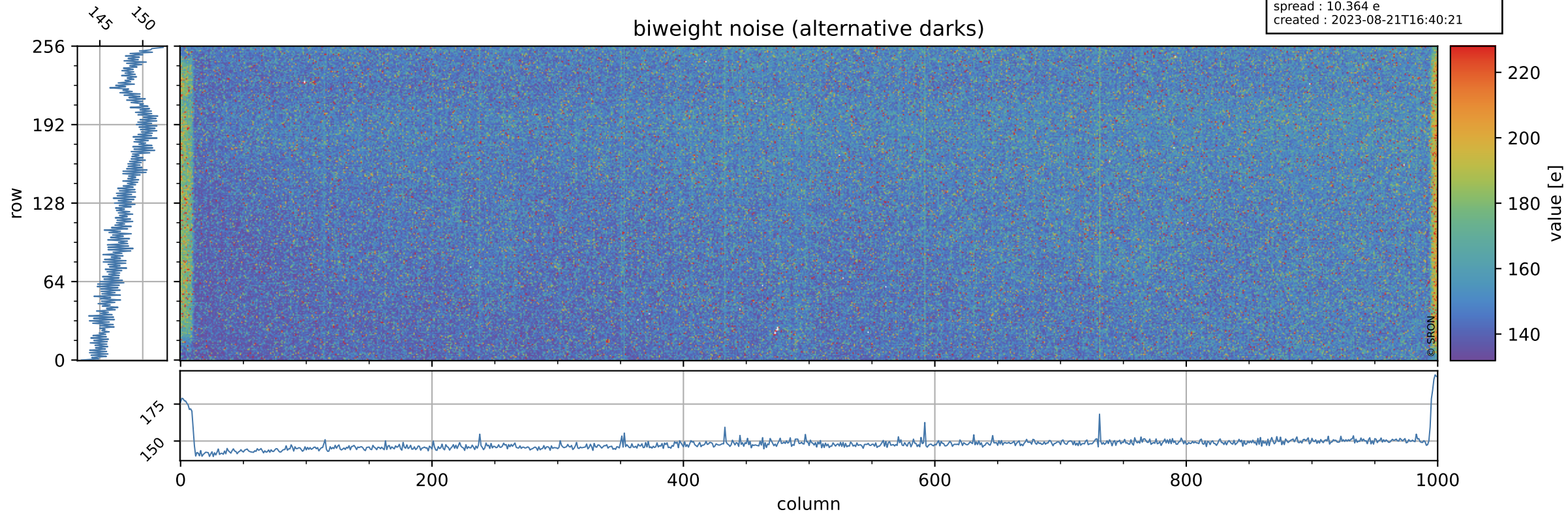
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.83 e  
spread : 10.364 e  
created : 2023-08-21T16:40:21

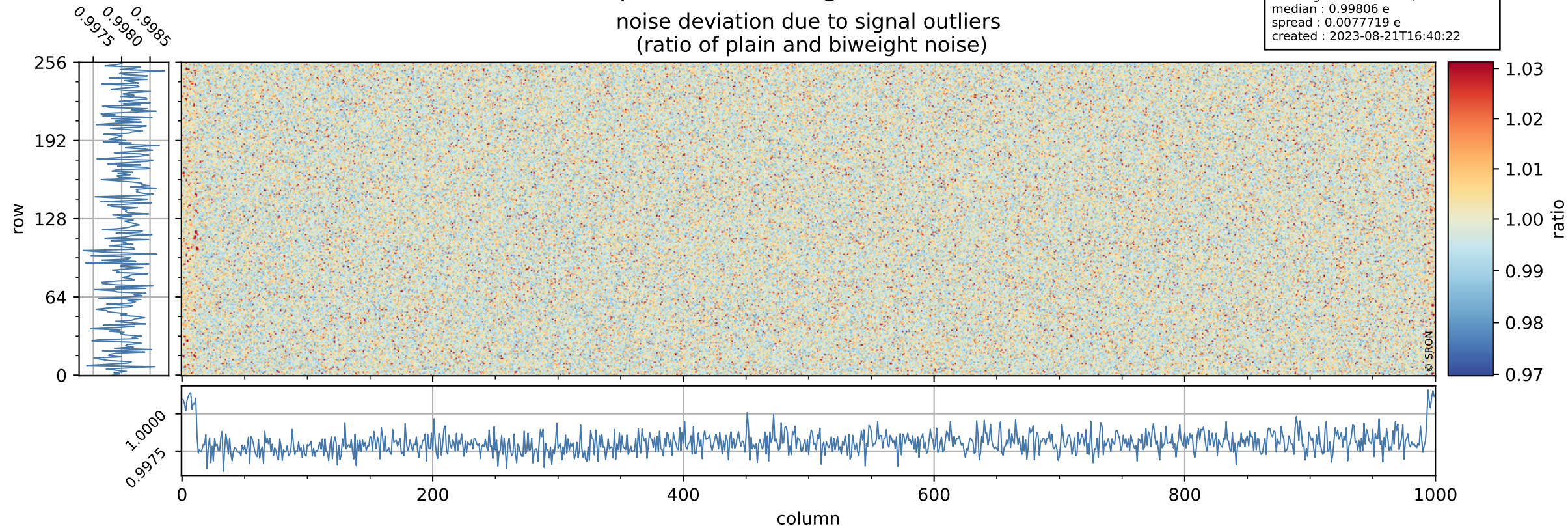
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

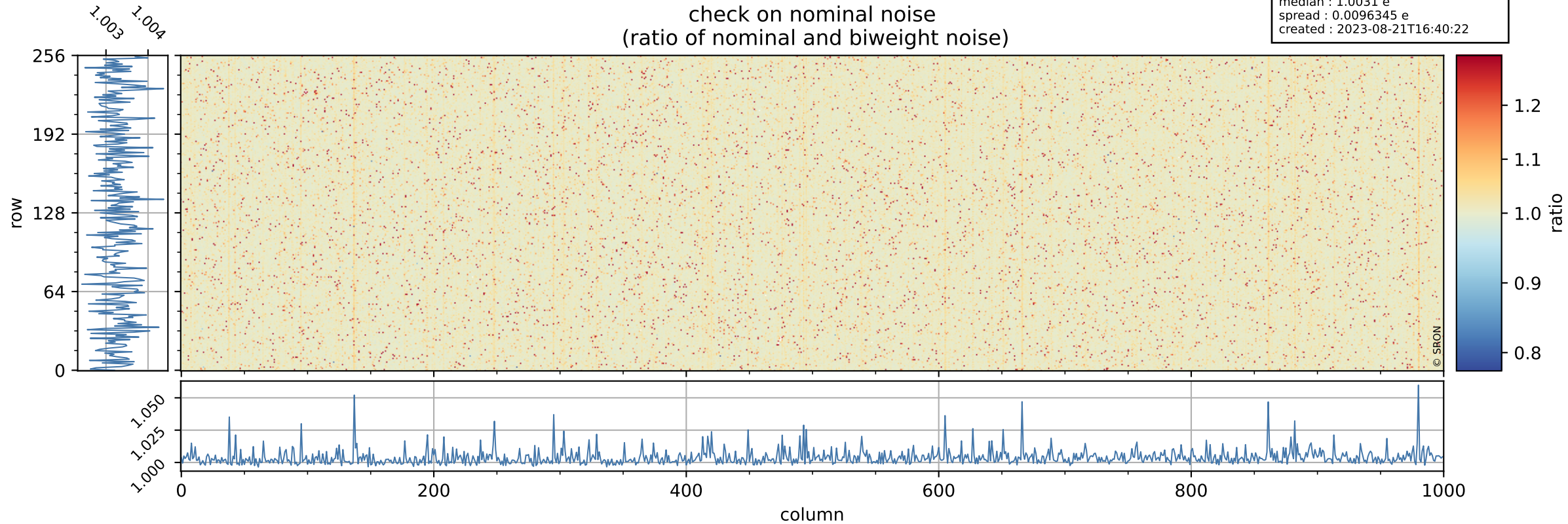
orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
median : 0.99806 e  
spread : 0.0077719 e  
created : 2023-08-21T16:40:22



# Tropomi SWIR background noise (swir)

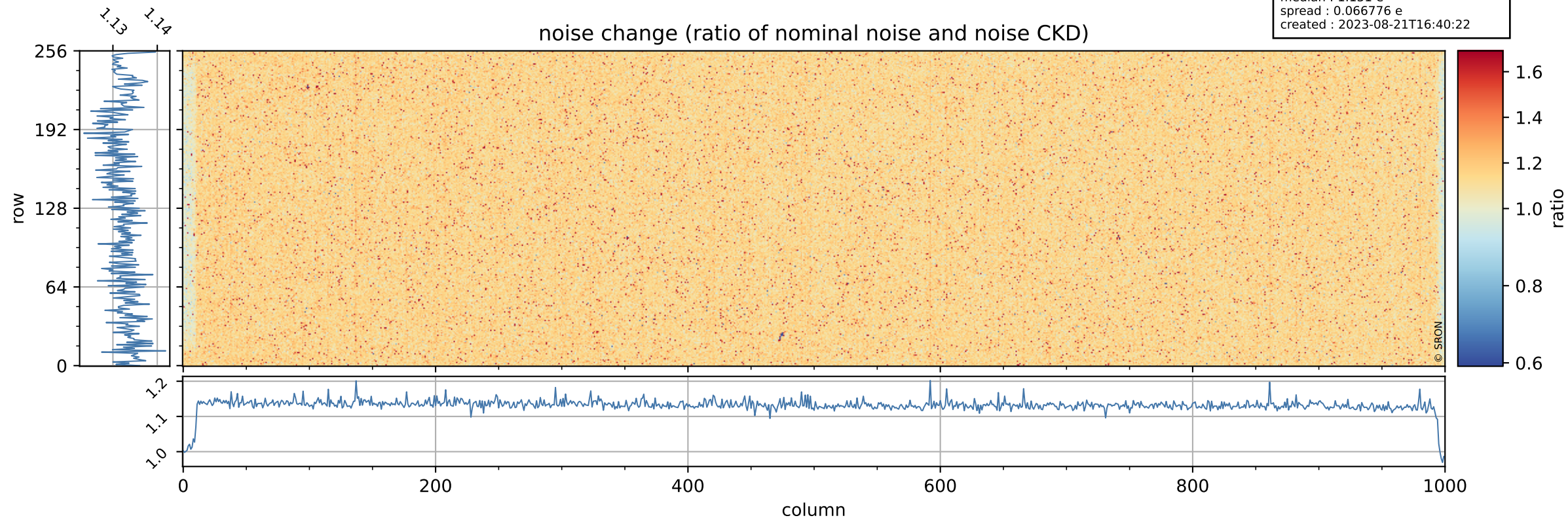
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
median : 1.0031 e  
spread : 0.0096345 e  
created : 2023-08-21T16:40:22



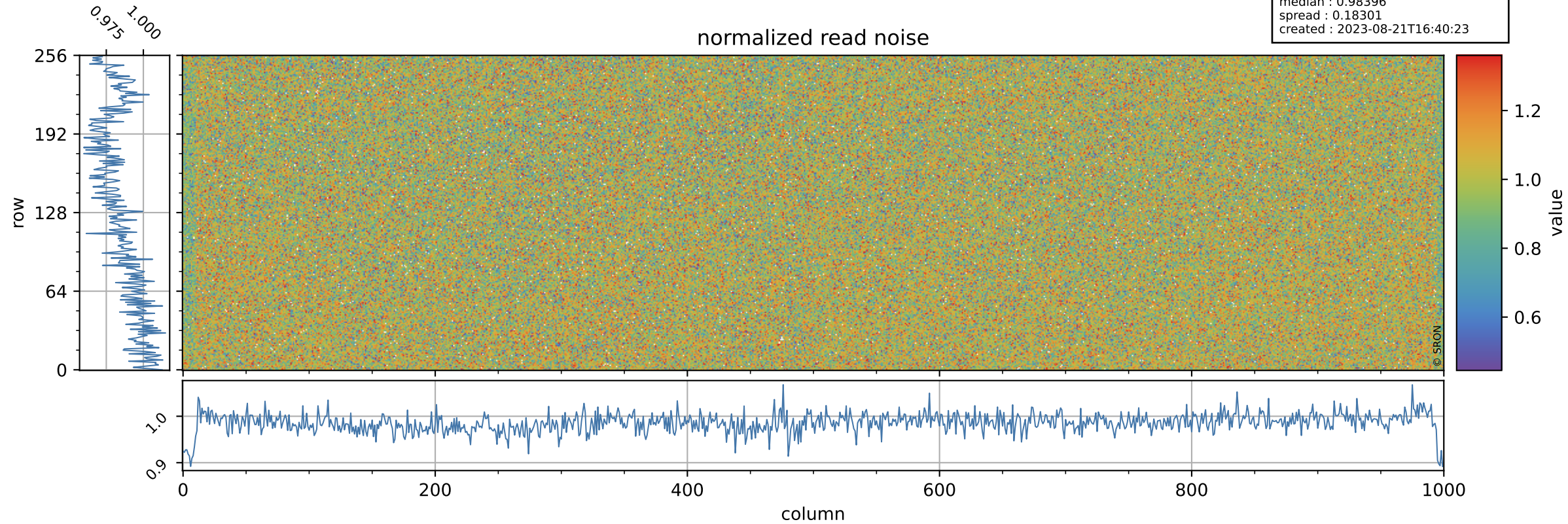
# Tropomi SWIR background noise (swir)

orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
median : 1.131 e  
spread : 0.066776 e  
created : 2023-08-21T16:40:22



# Tropomi SWIR background noise (swir)

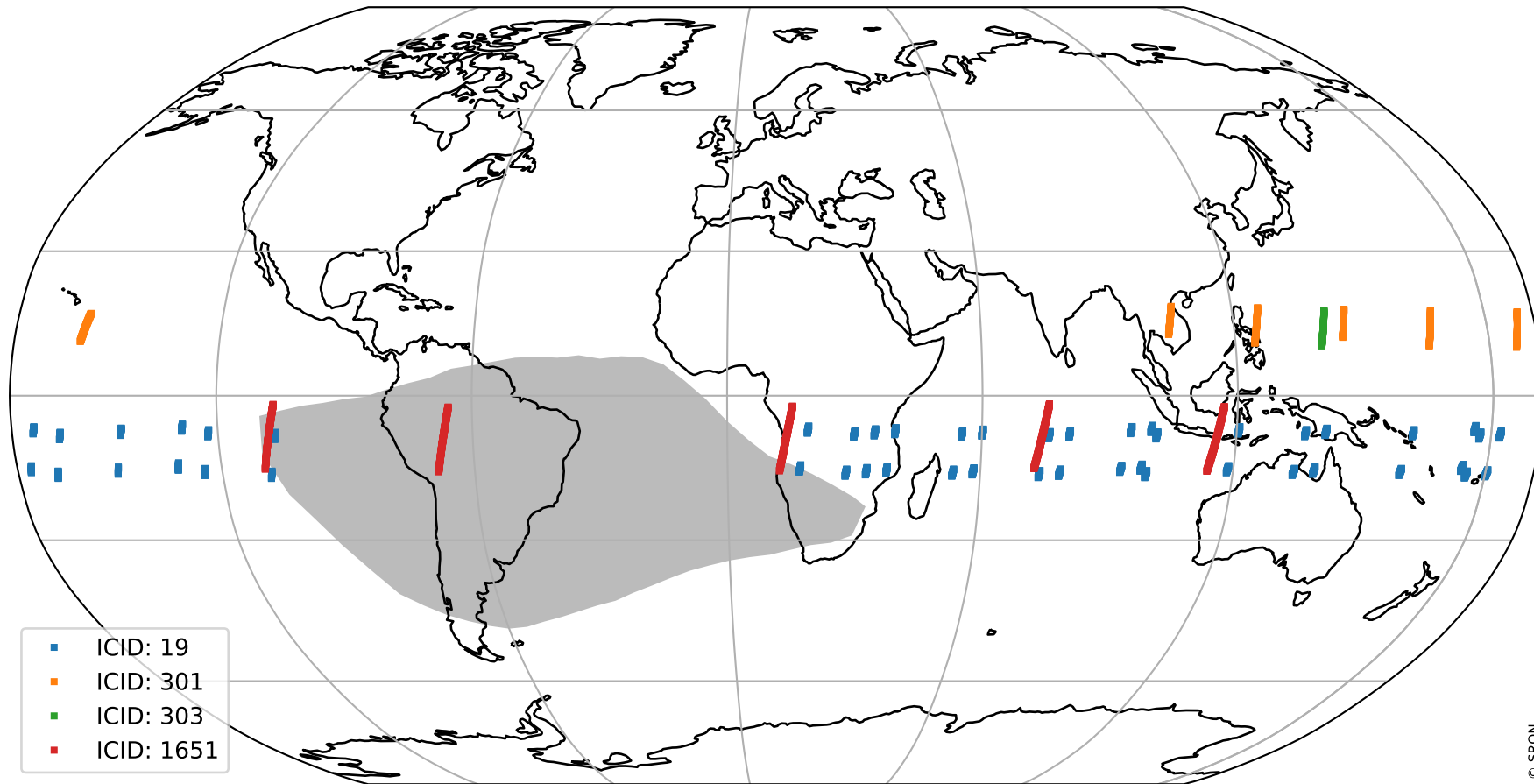
orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
median : 0.98396  
spread : 0.18301  
created : 2023-08-21T16:40:23





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

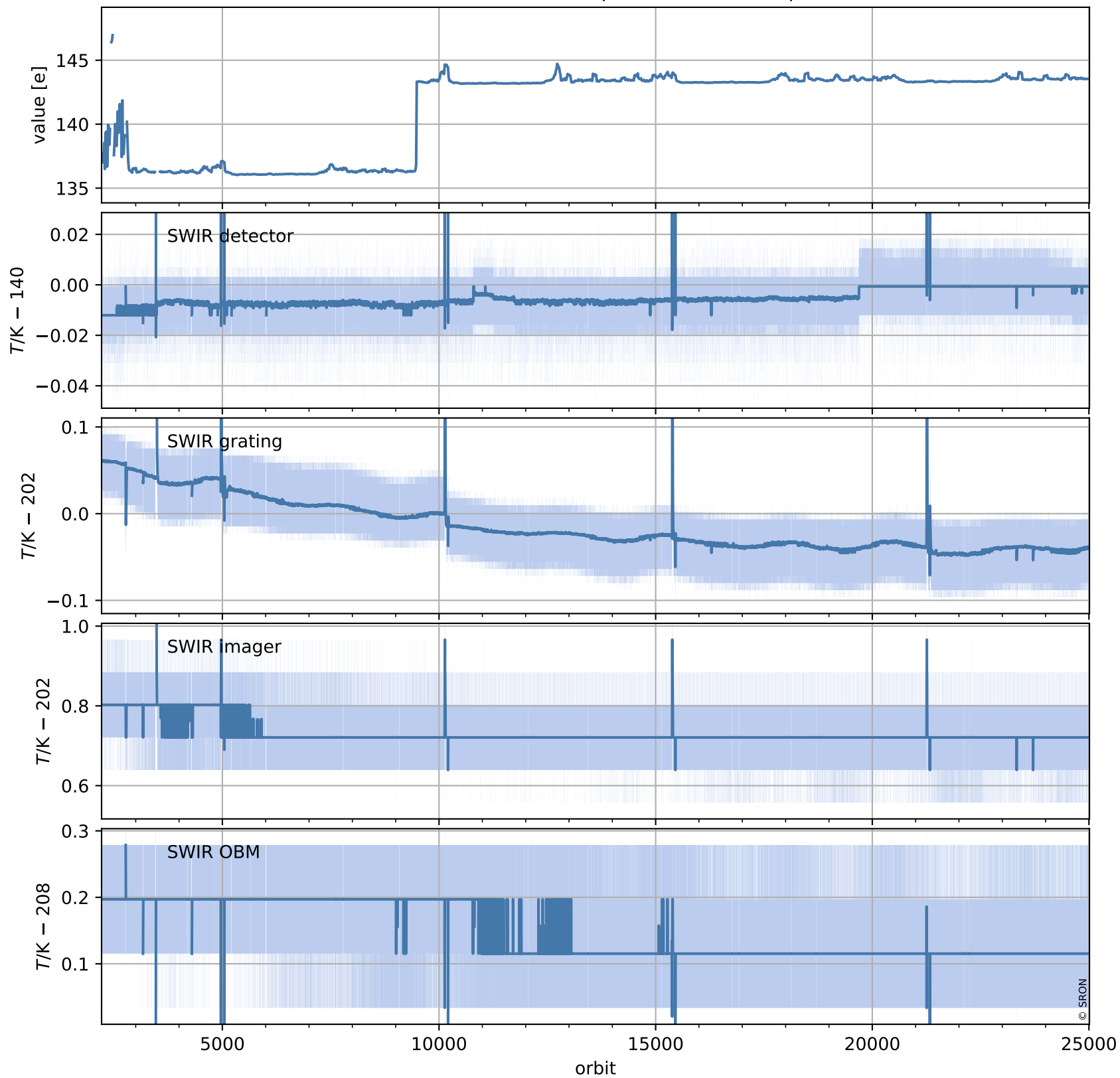
orbits : 12 in [24922, 25012]  
coverage : 2022-08-05 / 2022-08-10  
created : 2023-08-21T16:40:23



# Tropomi SWIR background noise (swir)

orbits : [2212, 25012]  
coverage : 2018-03-18 / 2022-08-10  
created : 2023-08-21T16:40:23

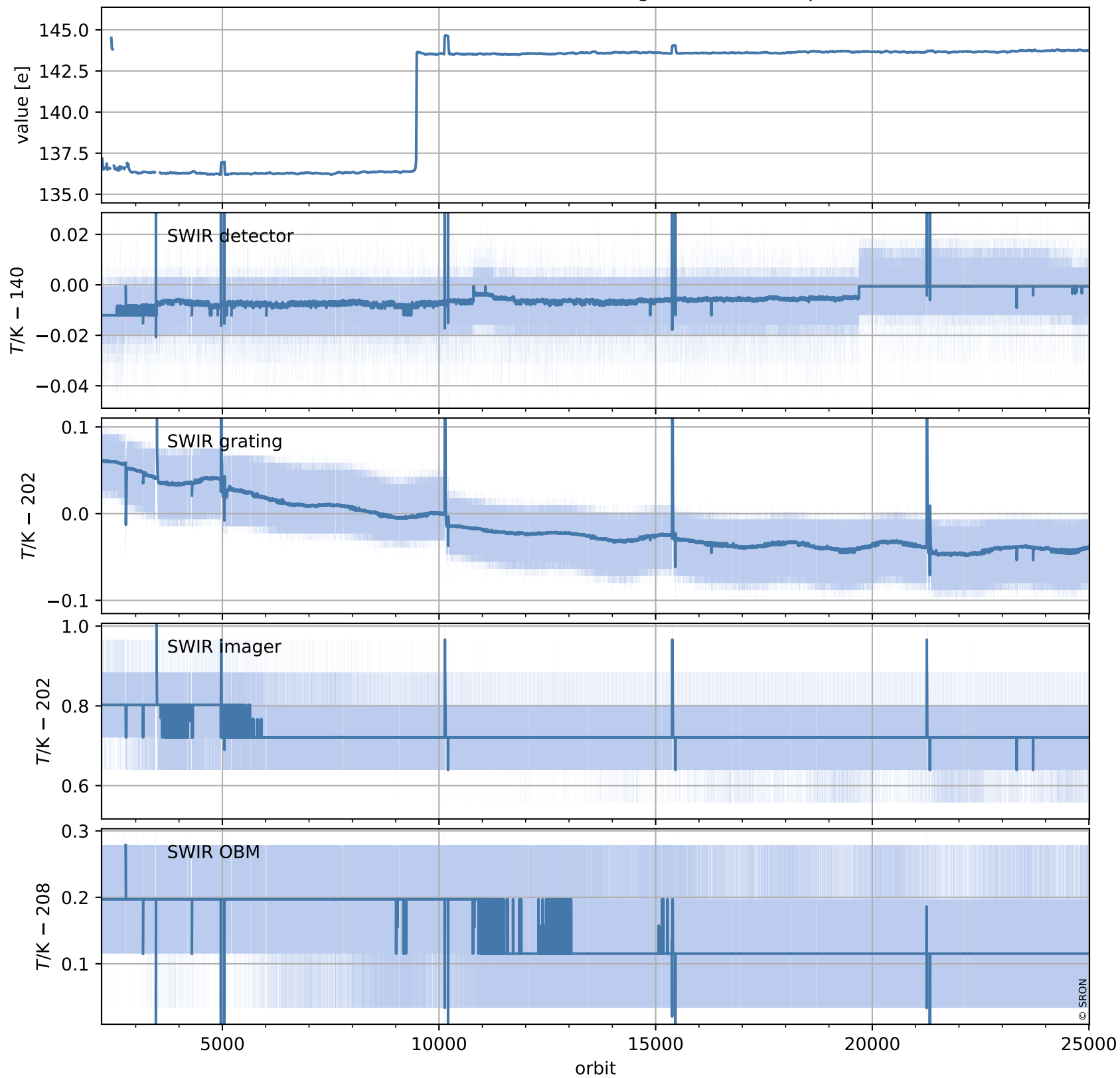
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25012]  
coverage : 2018-03-18 / 2022-08-10  
created : 2023-08-21T16:40:24

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25012]  
coverage : 2018-03-18 / 2022-08-10  
created : 2023-08-21T16:40:25

## trend of normalized read-noise & temperatures

