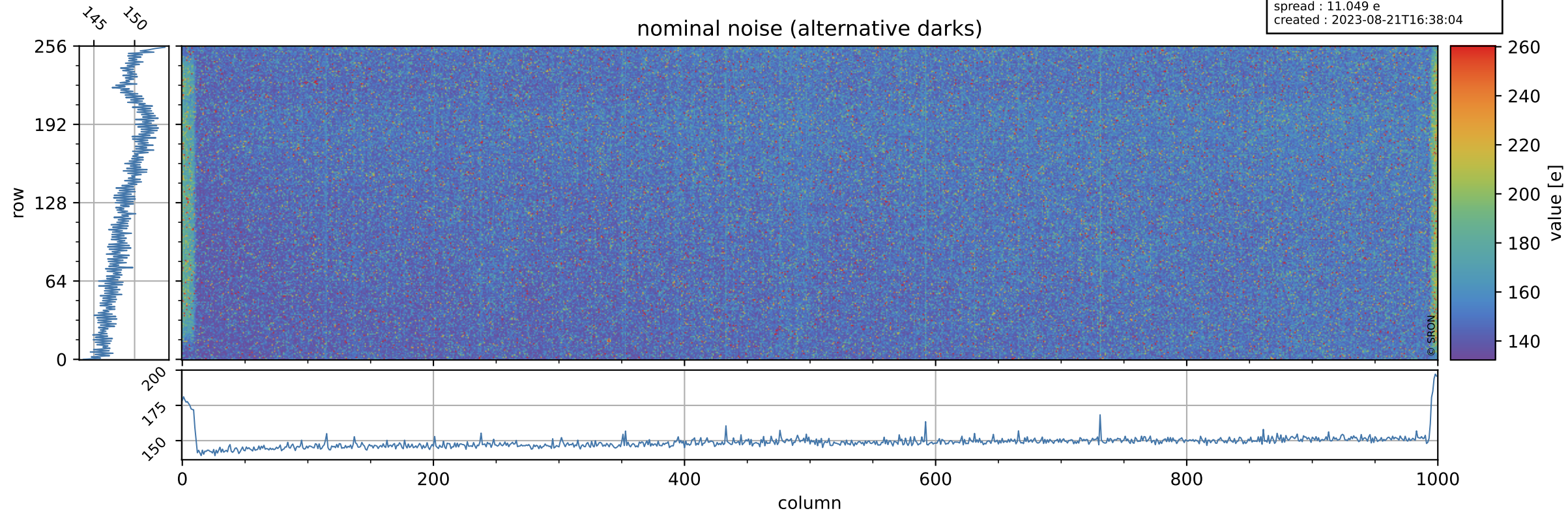


# Tropomi SWIR background noise (swir)

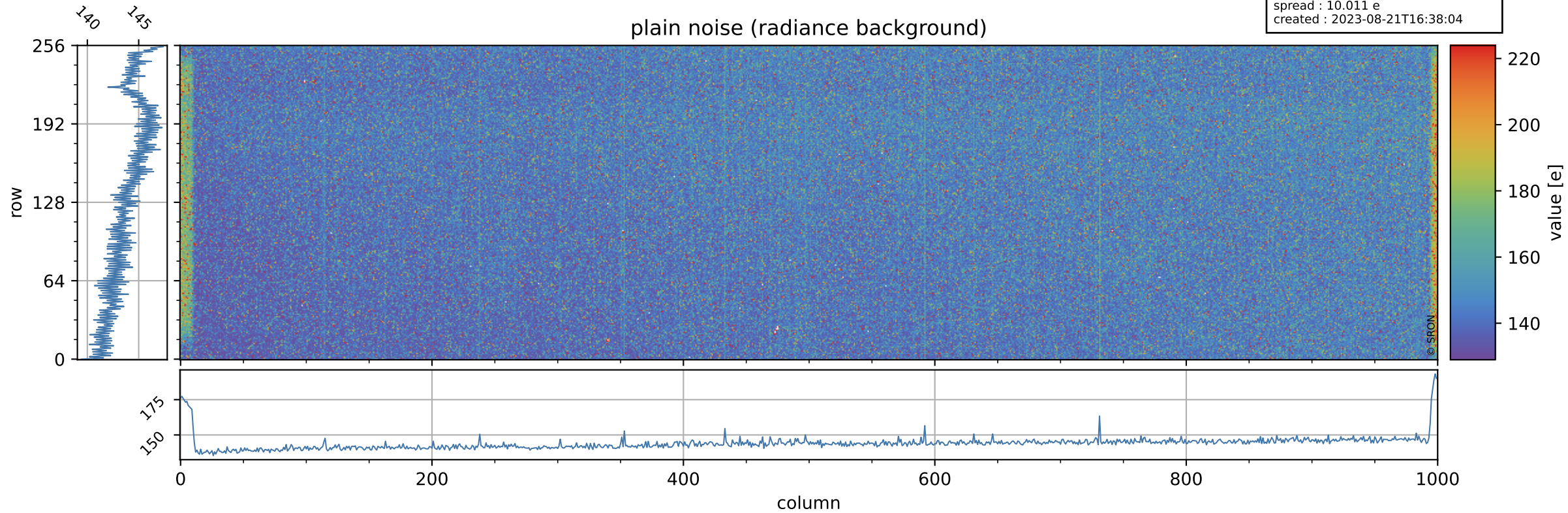
orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
n\_coad, t\_exp : 1, 1.0783  
median : 148.77 e  
spread : 11.049 e  
created : 2023-08-21T16:38:04



# Tropomi SWIR background noise (swir)

orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 10.011 e  
created : 2023-08-21T16:38:04

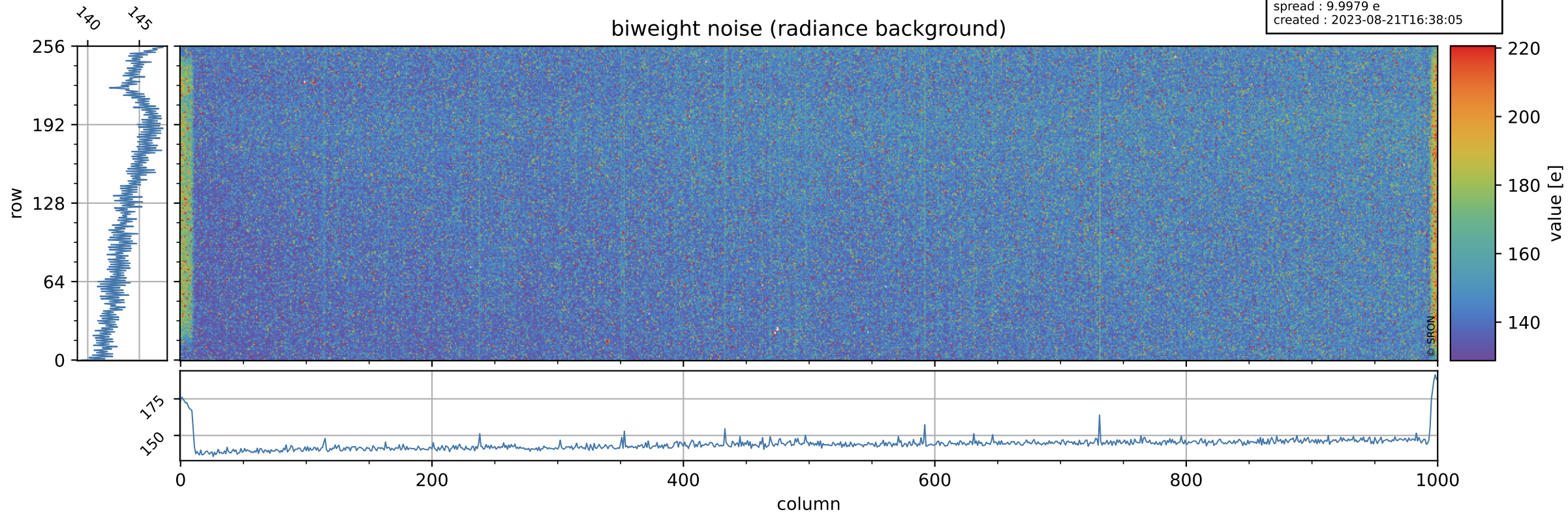
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 9.9979 e  
created : 2023-08-21T16:38:05

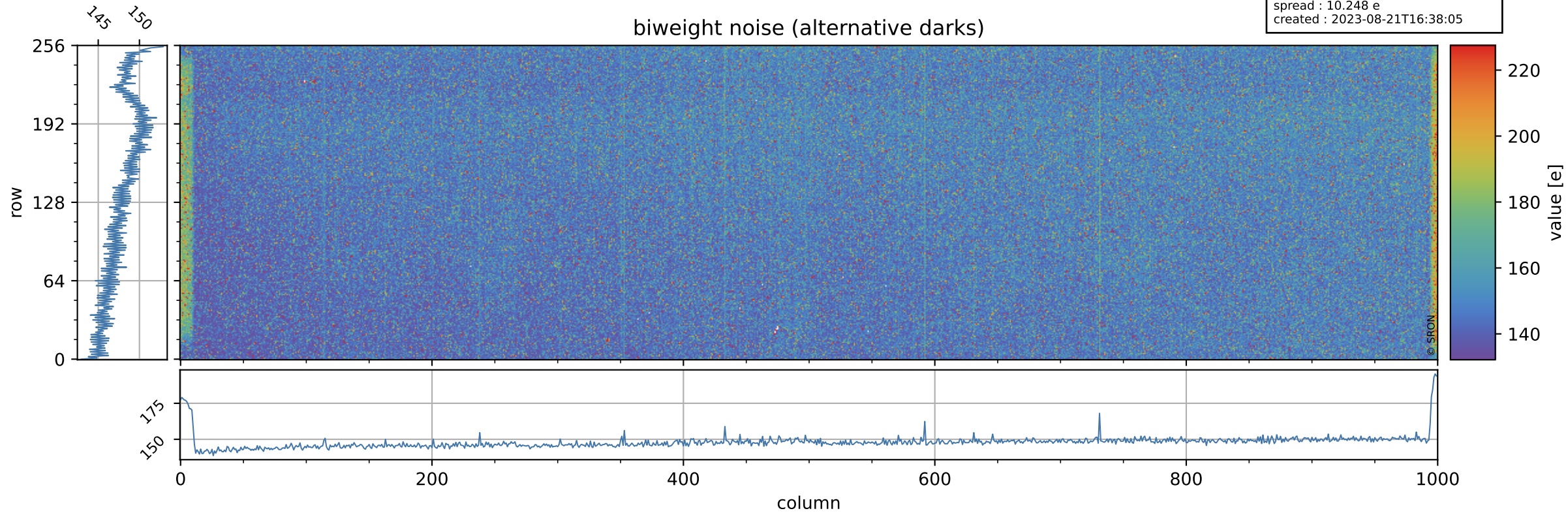
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.248 e  
created : 2023-08-21T16:38:05

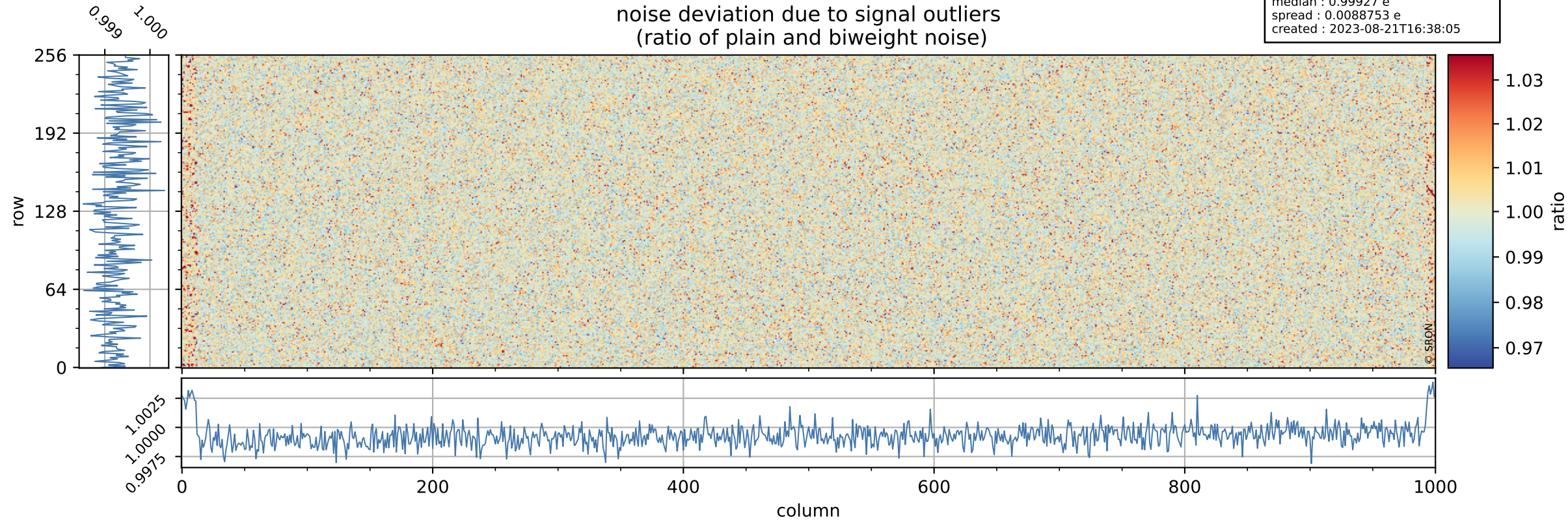
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

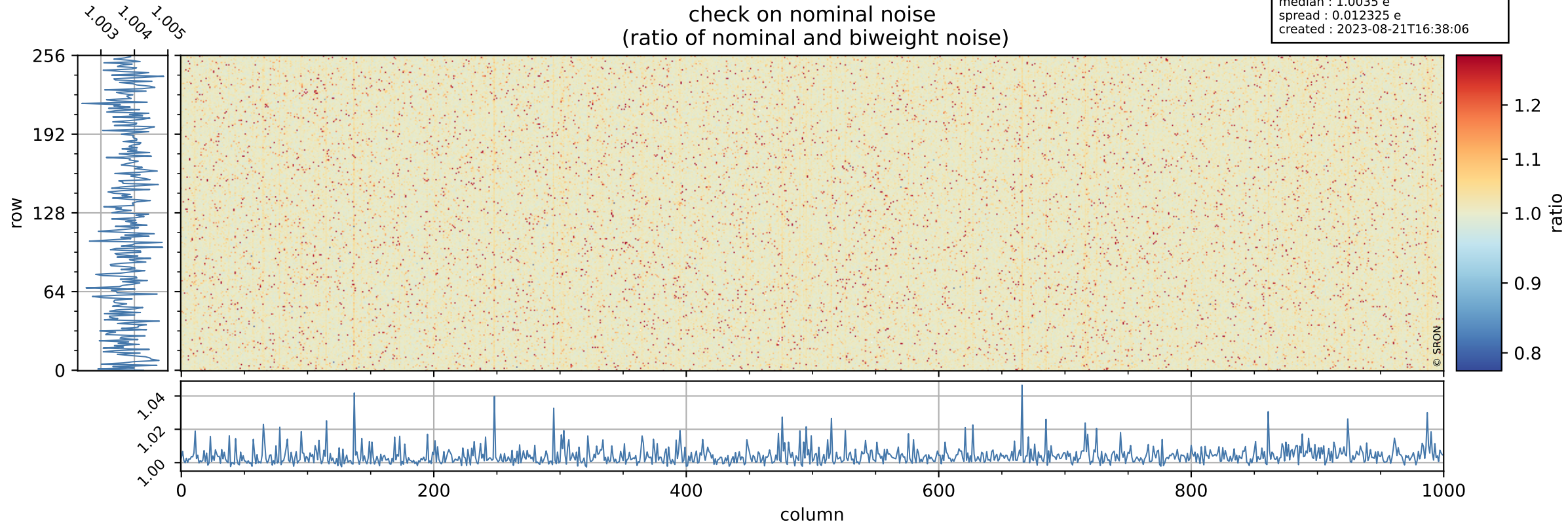
orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
median : 0.99927 e  
spread : 0.0088753 e  
created : 2023-08-21T16:38:05



# Tropomi SWIR background noise (swir)

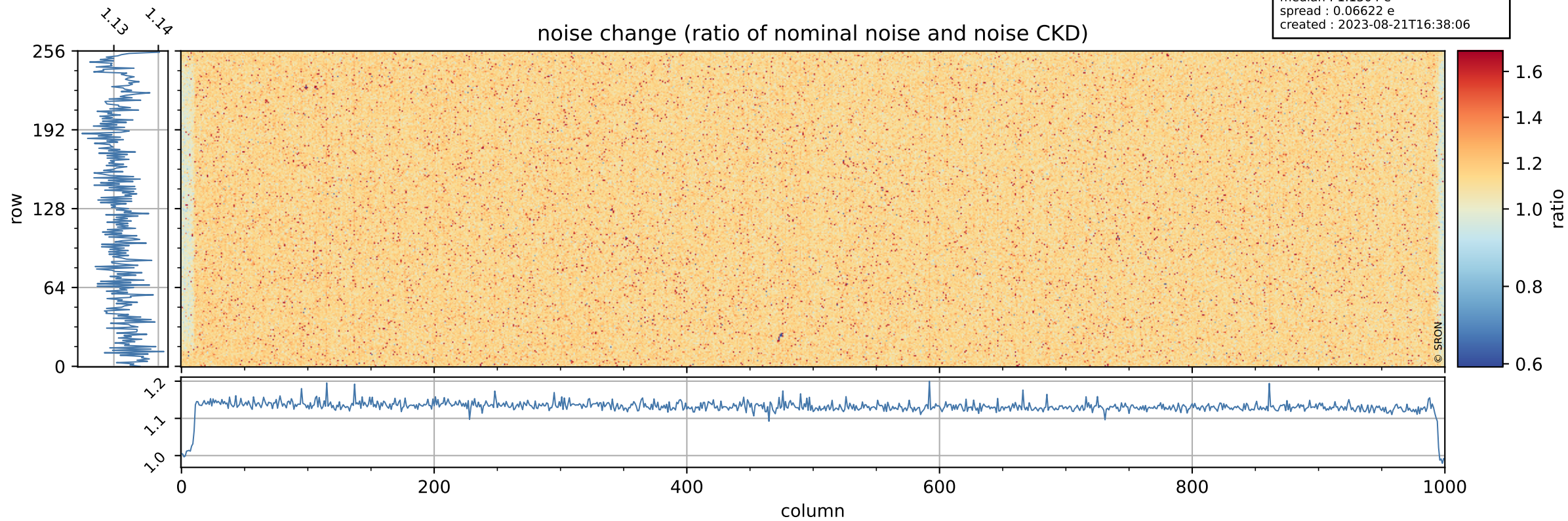
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
median : 1.0035 e  
spread : 0.012325 e  
created : 2023-08-21T16:38:06



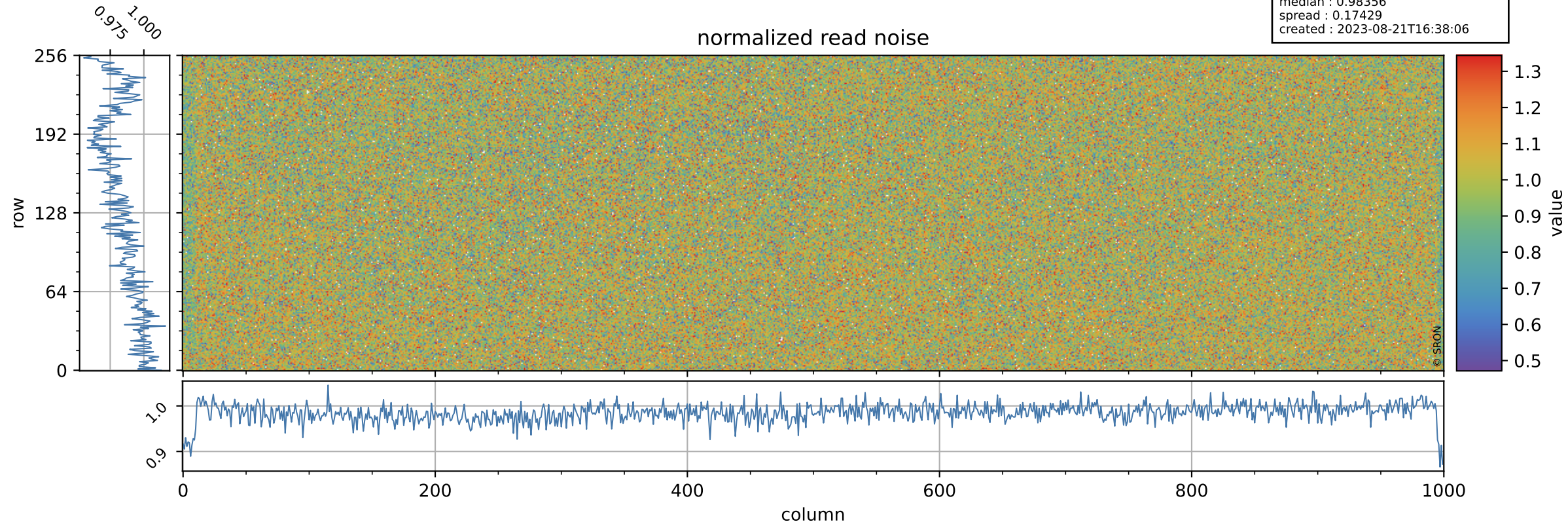
# Tropomi SWIR background noise (swir)

orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
median : 1.1304 e  
spread : 0.06622 e  
created : 2023-08-21T16:38:06



# Tropomi SWIR background noise (swir)

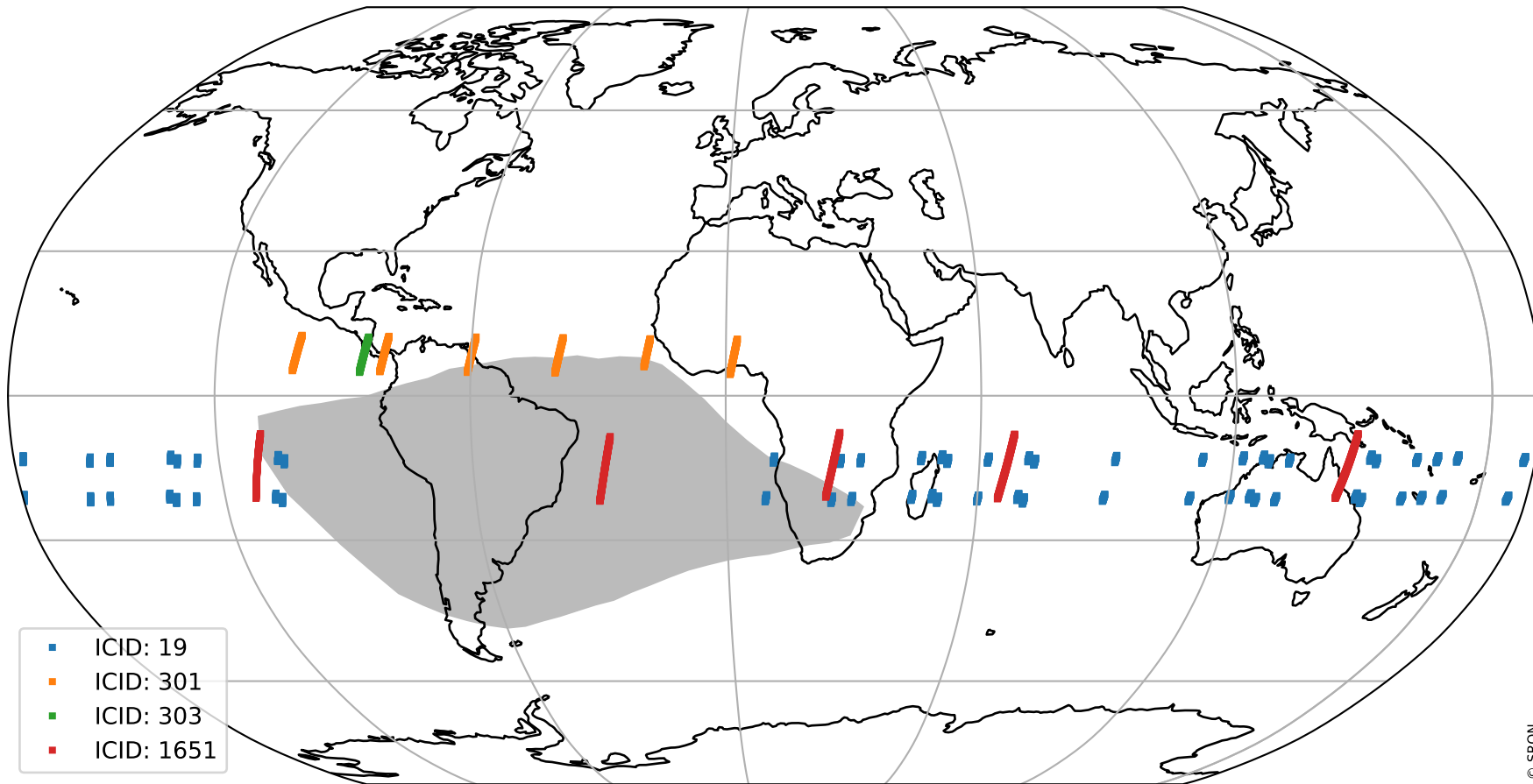
orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
median : 0.98356  
spread : 0.17429  
created : 2023-08-21T16:38:06





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

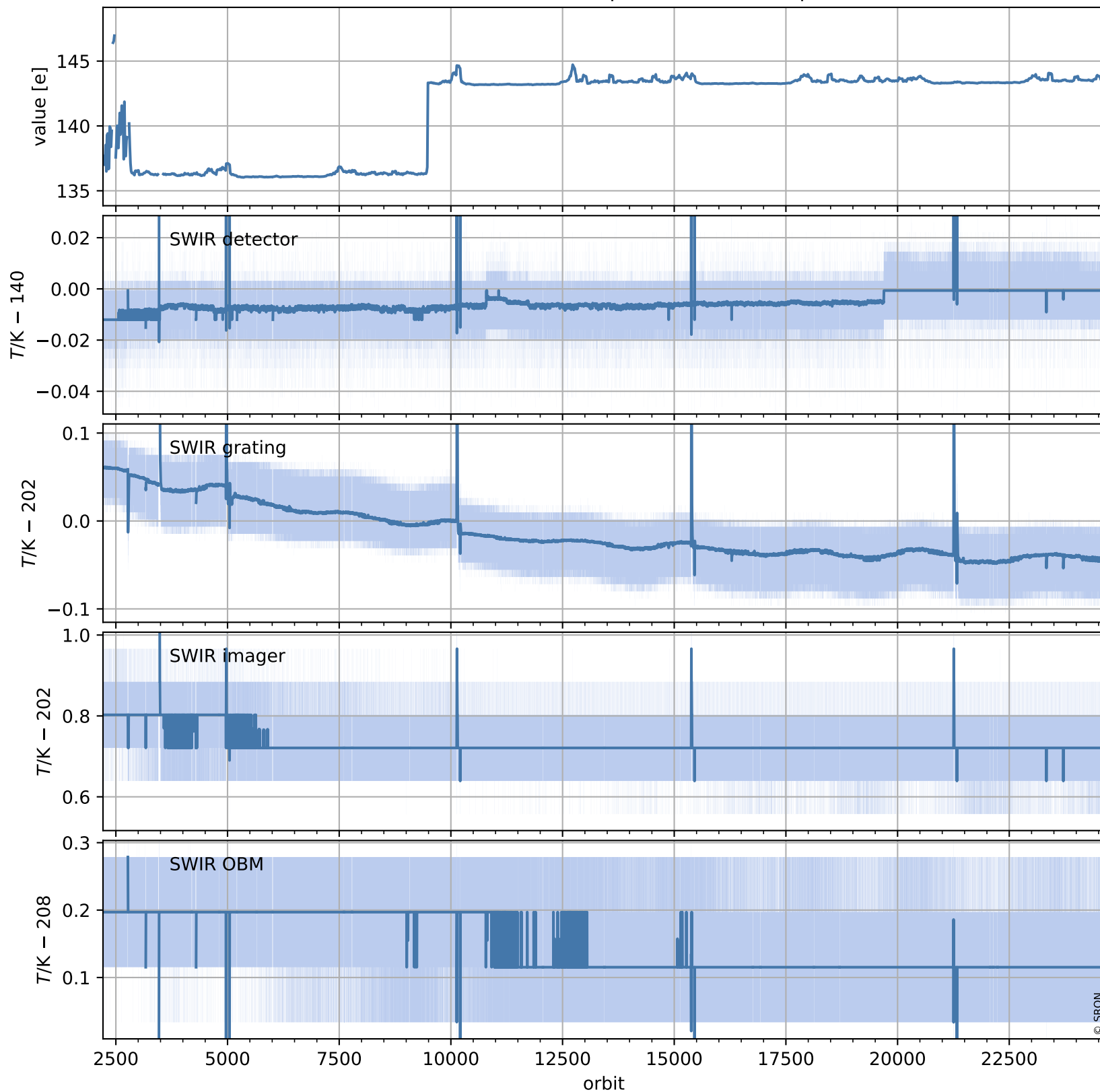
orbits : 12 in [24547, 24637]  
coverage : 2022-07-09 / 2022-07-15  
created : 2023-08-21T16:38:06



# Tropomi SWIR background noise (swir)

orbits : [2212, 24637]  
coverage : 2018-03-18 / 2022-07-15  
created : 2023-08-21T16:38:07

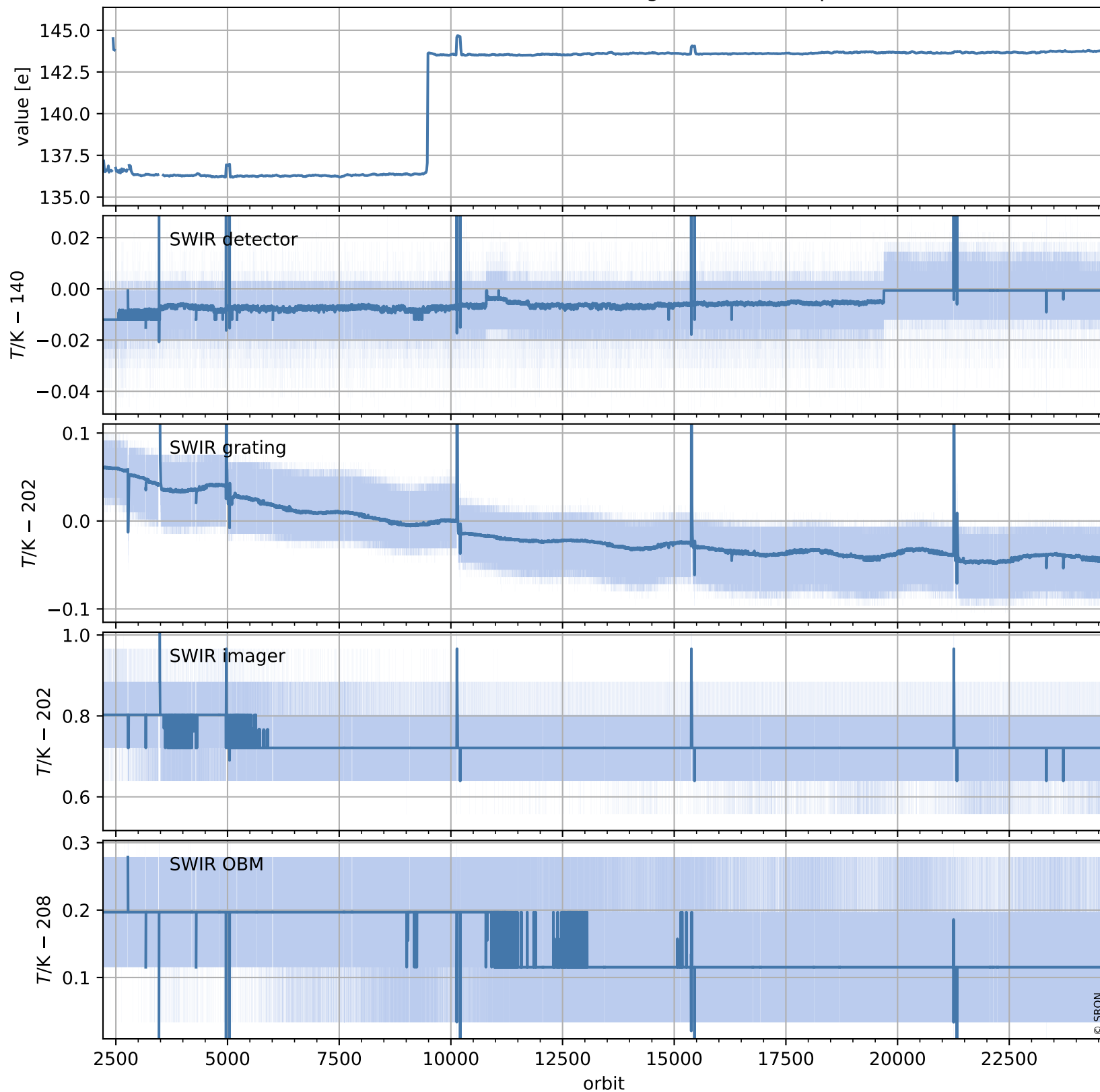
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24637]  
coverage : 2018-03-18 / 2022-07-15  
created : 2023-08-21T16:38:08

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24637]  
coverage : 2018-03-18 / 2022-07-15  
created : 2023-08-21T16:38:09

## trend of normalized read-noise & temperatures

