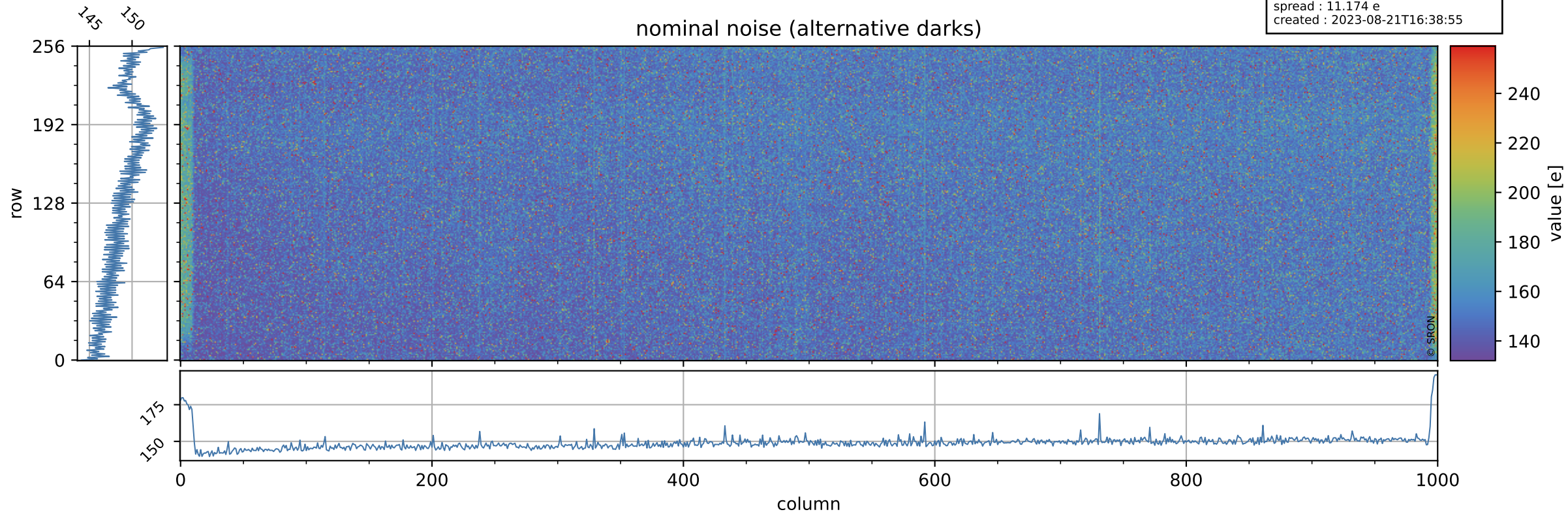


# Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.78 e  
spread : 11.174 e  
created : 2023-08-21T16:38:55

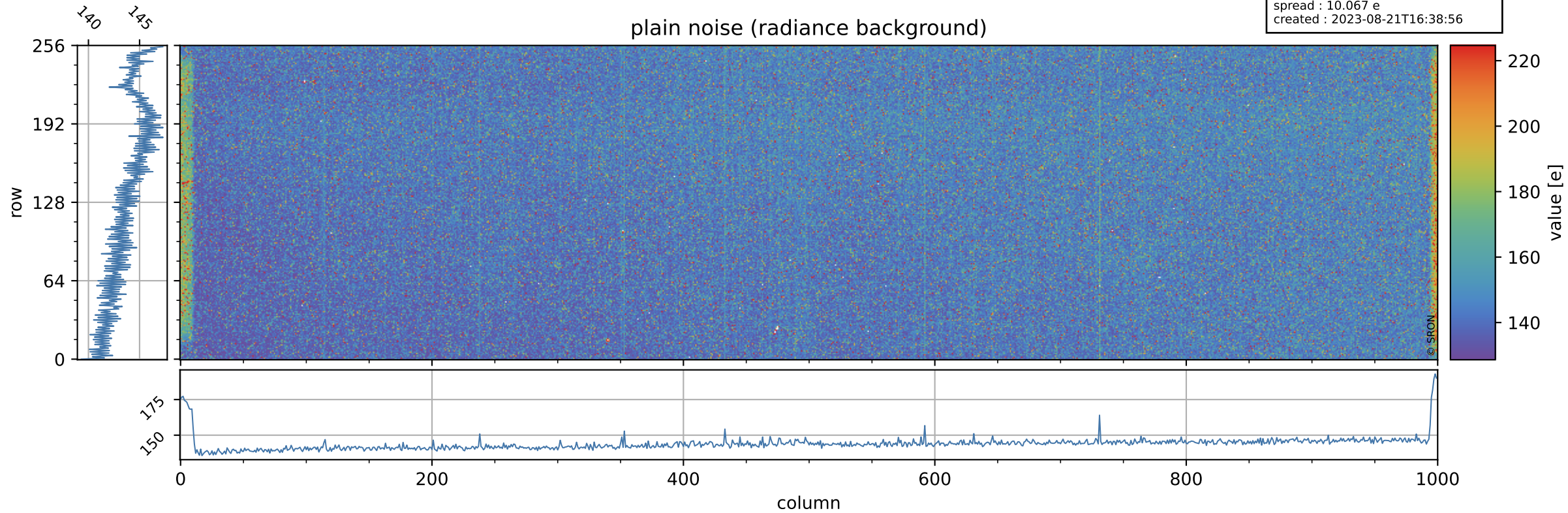
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.69 e  
spread : 10.067 e  
created : 2023-08-21T16:38:56

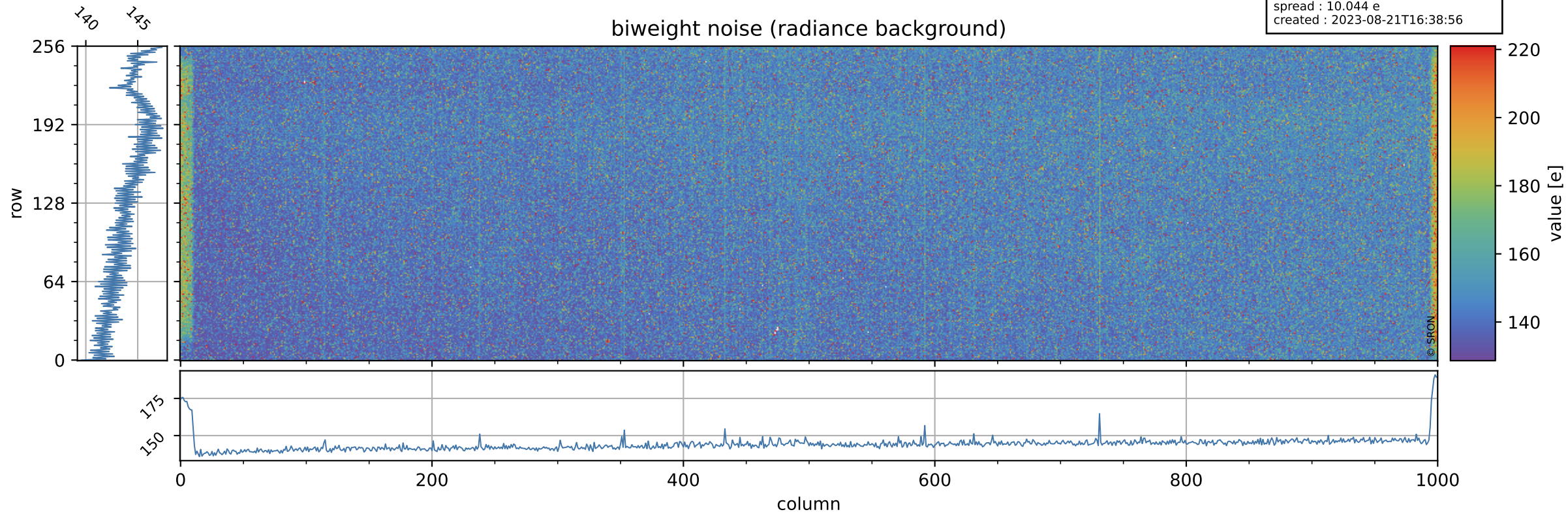
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

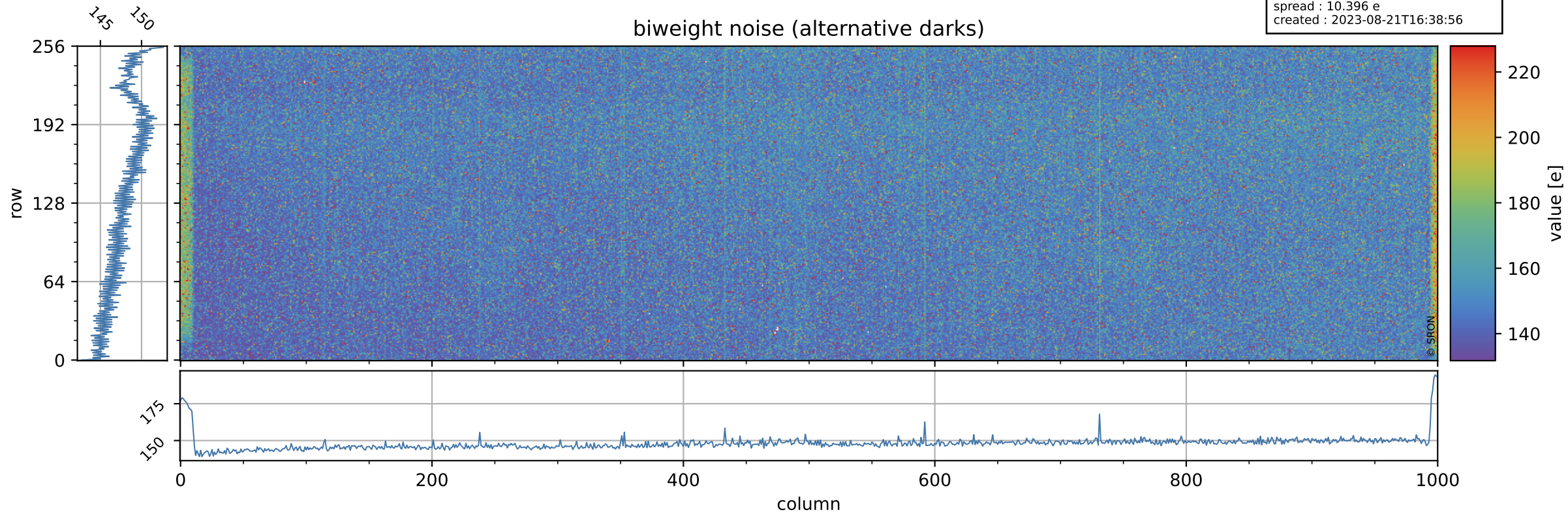
orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.92 e  
spread : 10.044 e  
created : 2023-08-21T16:38:56

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

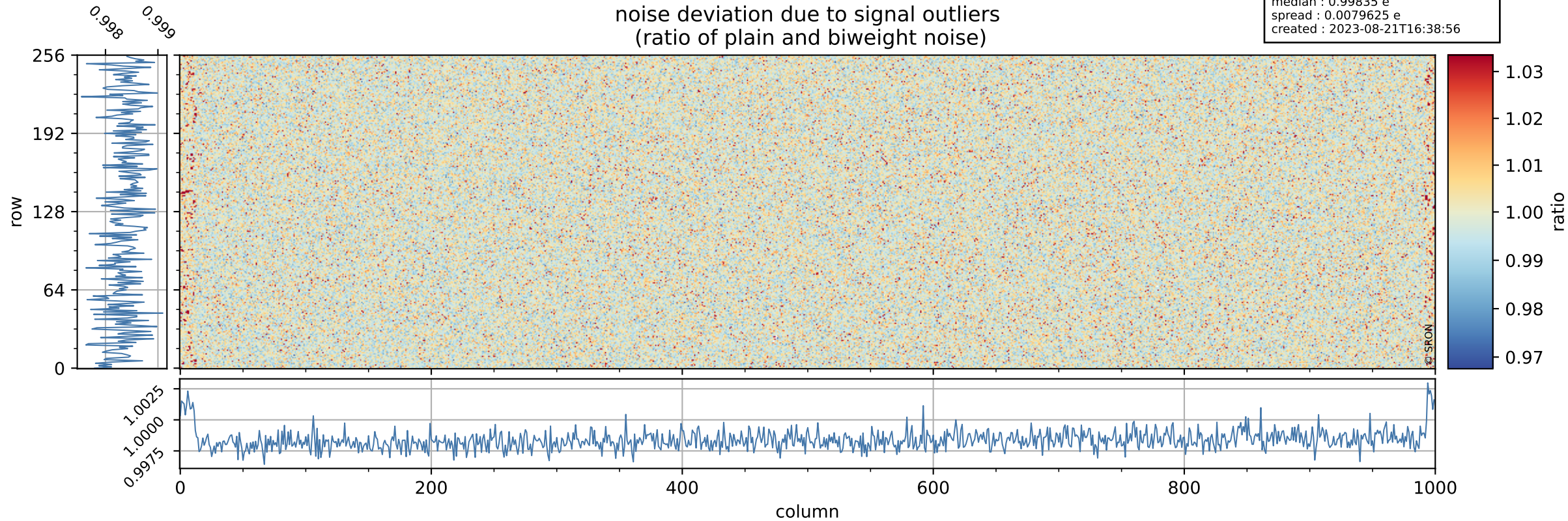
orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.396 e  
created : 2023-08-21T16:38:56



# Tropomi SWIR background noise (swir)

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

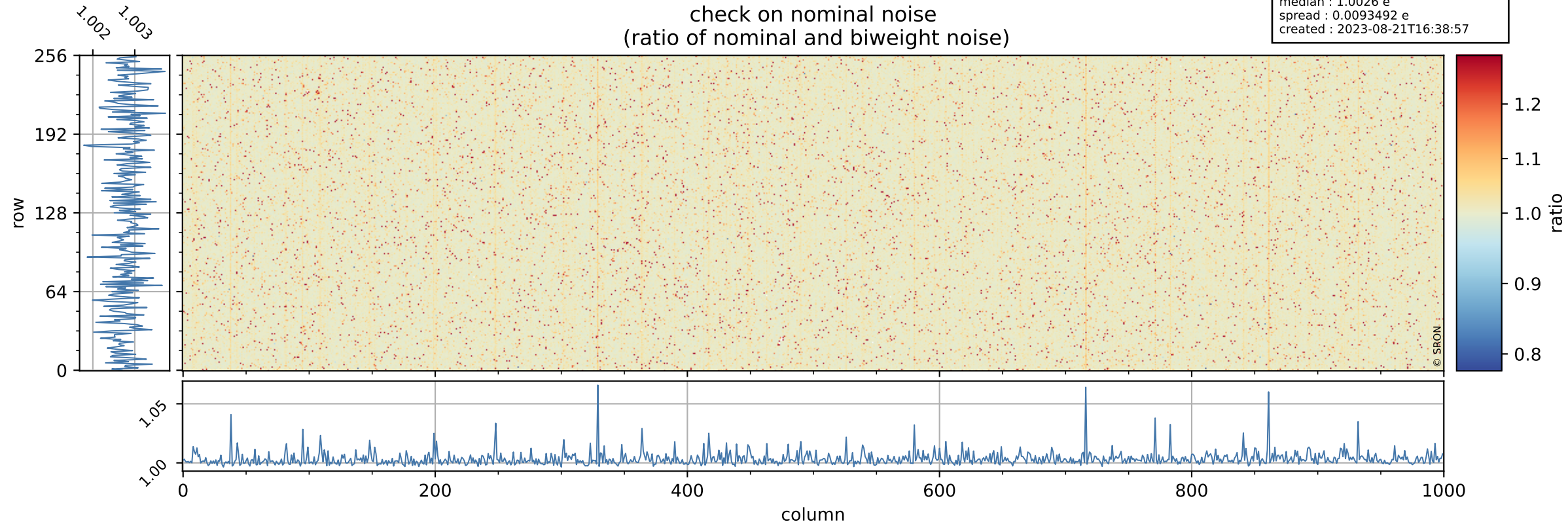
orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
median : 0.99835 e  
spread : 0.0079625 e  
created : 2023-08-21T16:38:56



# Tropomi SWIR background noise (swir)

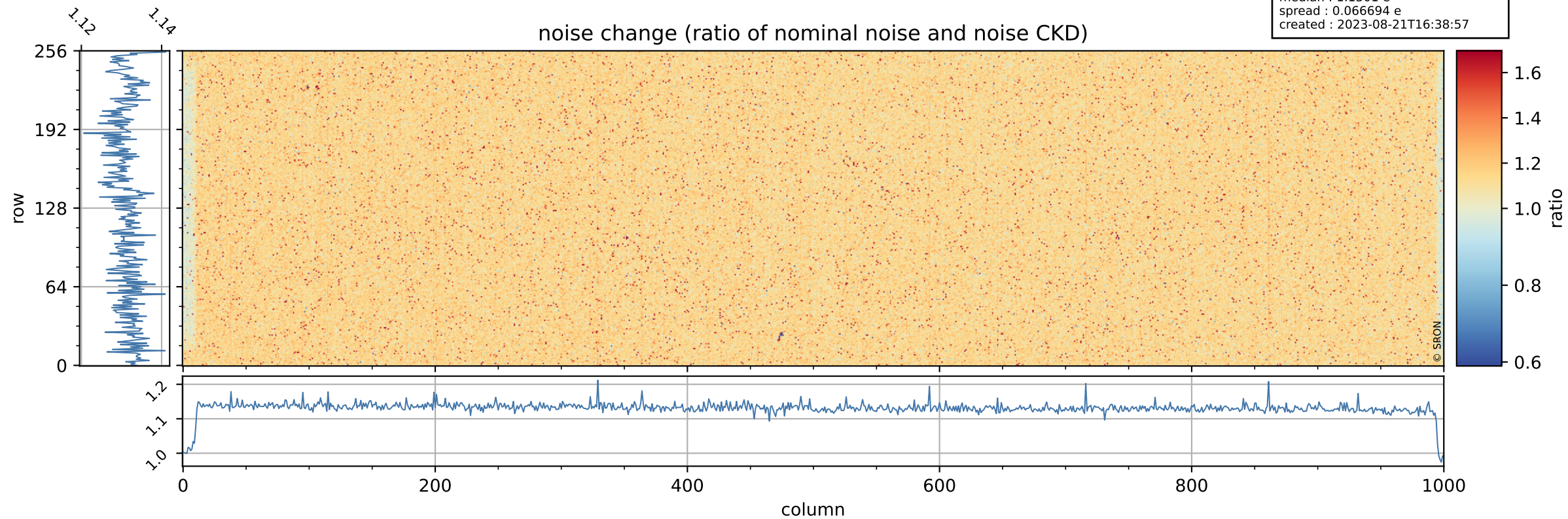
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
median : 1.0026 e  
spread : 0.0093492 e  
created : 2023-08-21T16:38:57



# Tropomi SWIR background noise (swir)

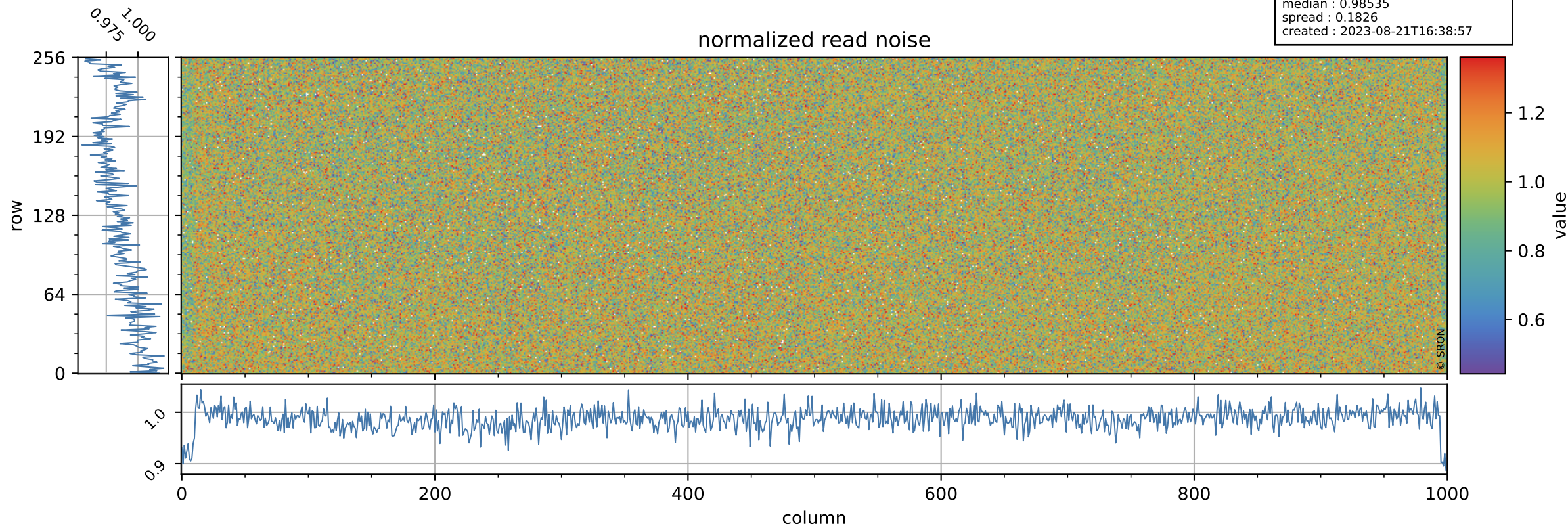
orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
median : 1.1301 e  
spread : 0.066694 e  
created : 2023-08-21T16:38:57



# Tropomi SWIR background noise (swir)

orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
median : 0.98535  
spread : 0.1826  
created : 2023-08-21T16:38:57

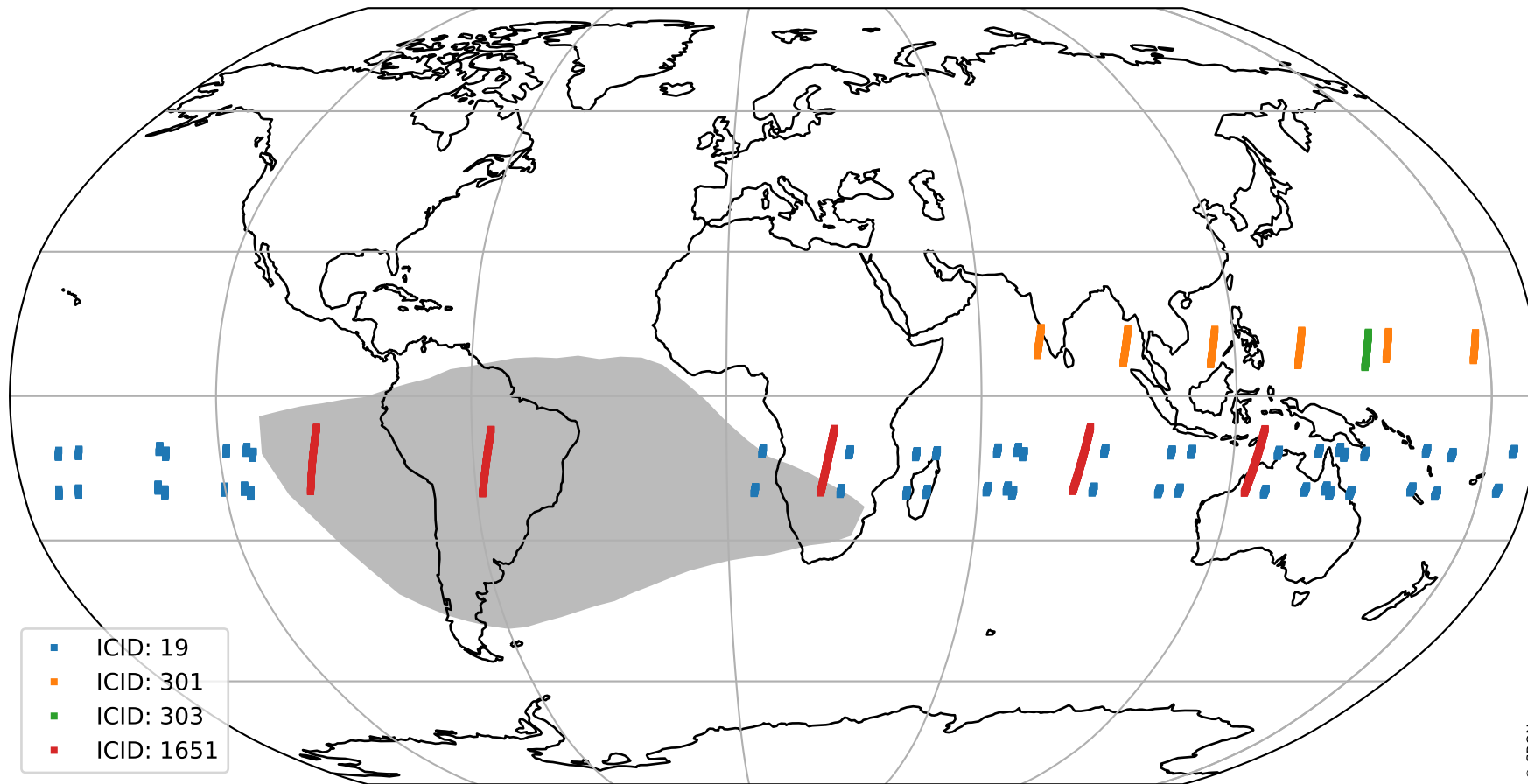
normalized read noise





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

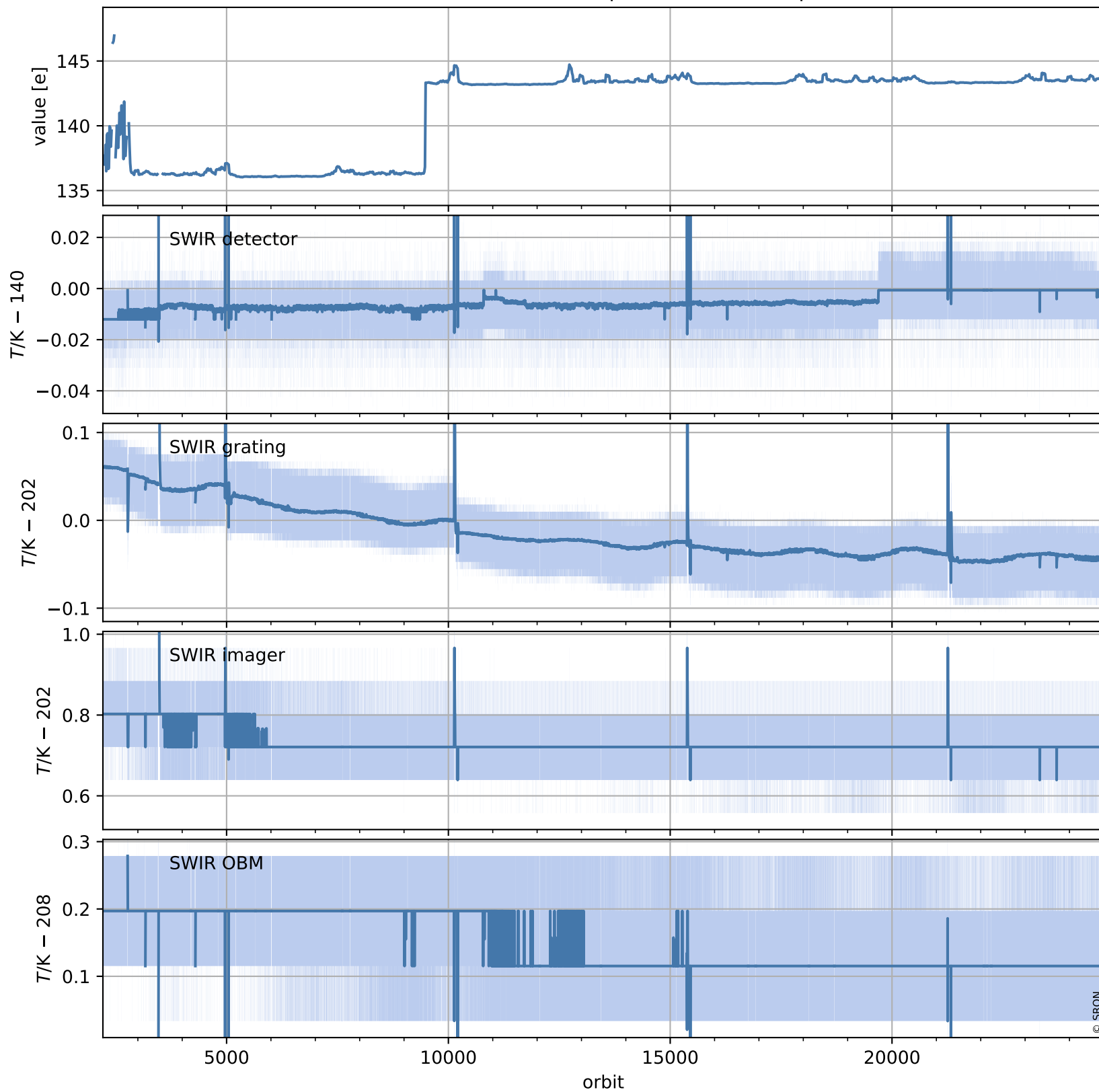
orbits : 12 in [24697, 24772]  
coverage : 2022-07-19 / 2022-07-24  
created : 2023-08-21T16:38:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 24772]  
coverage : 2018-03-18 / 2022-07-24  
created : 2023-08-21T16:38:58

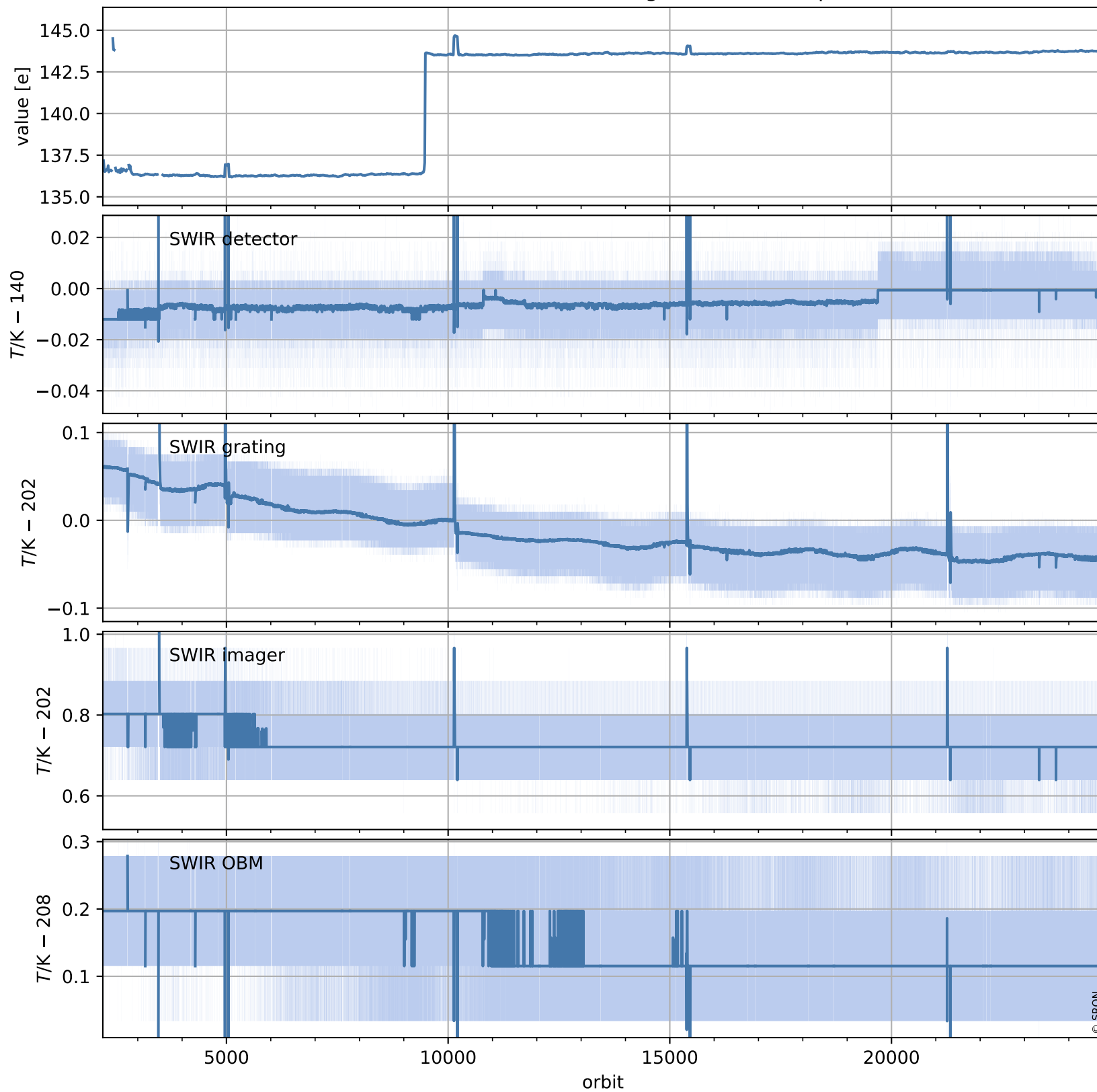
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24772]  
coverage : 2018-03-18 / 2022-07-24  
created : 2023-08-21T16:38:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24772]  
coverage : 2018-03-18 / 2022-07-24  
created : 2023-08-21T16:38:59

## trend of normalized read-noise & temperatures

