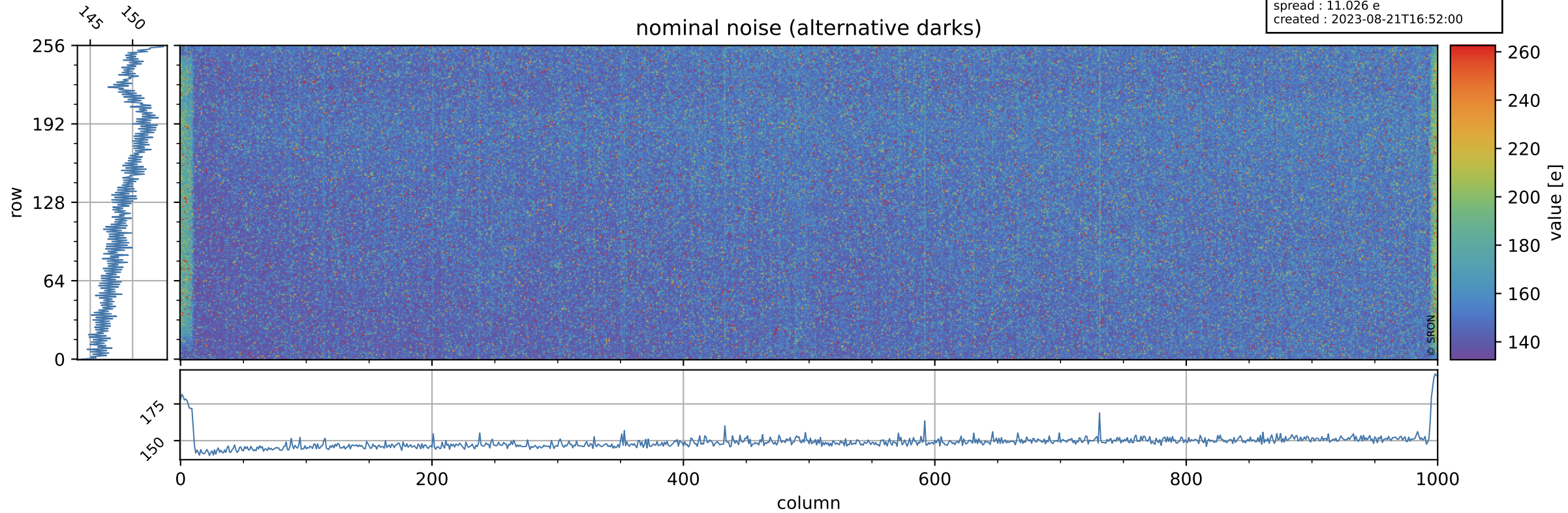


# Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.83 e  
spread : 11.026 e  
created : 2023-08-21T16:52:00

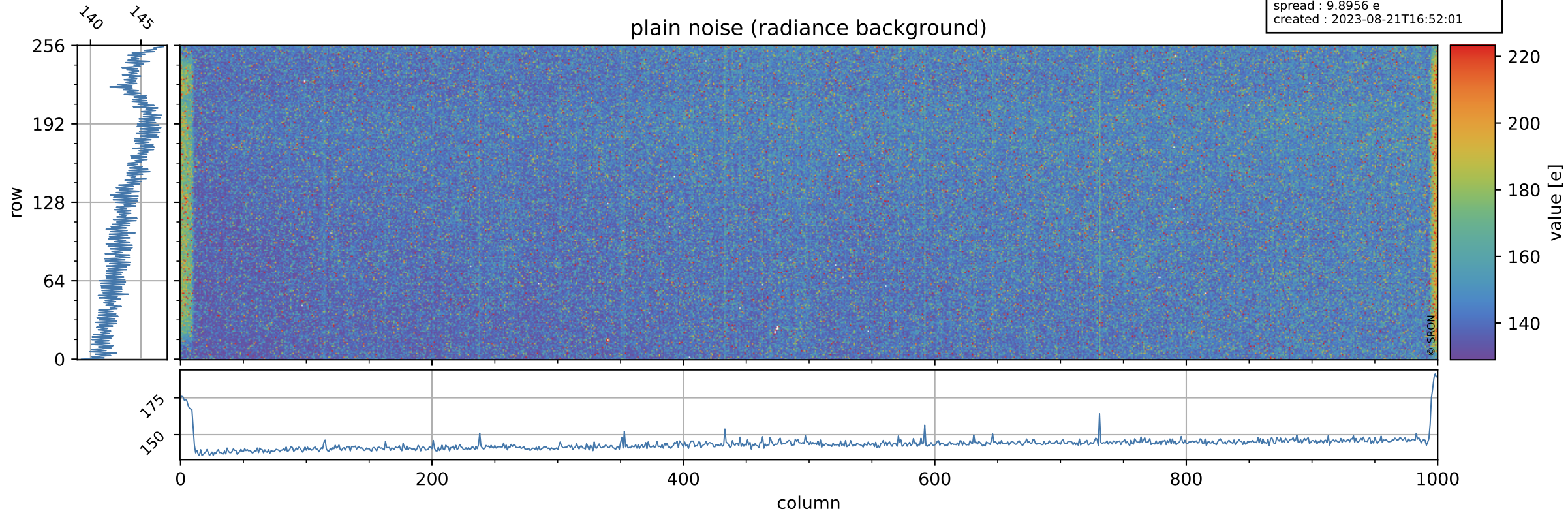
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.8956 e  
created : 2023-08-21T16:52:01

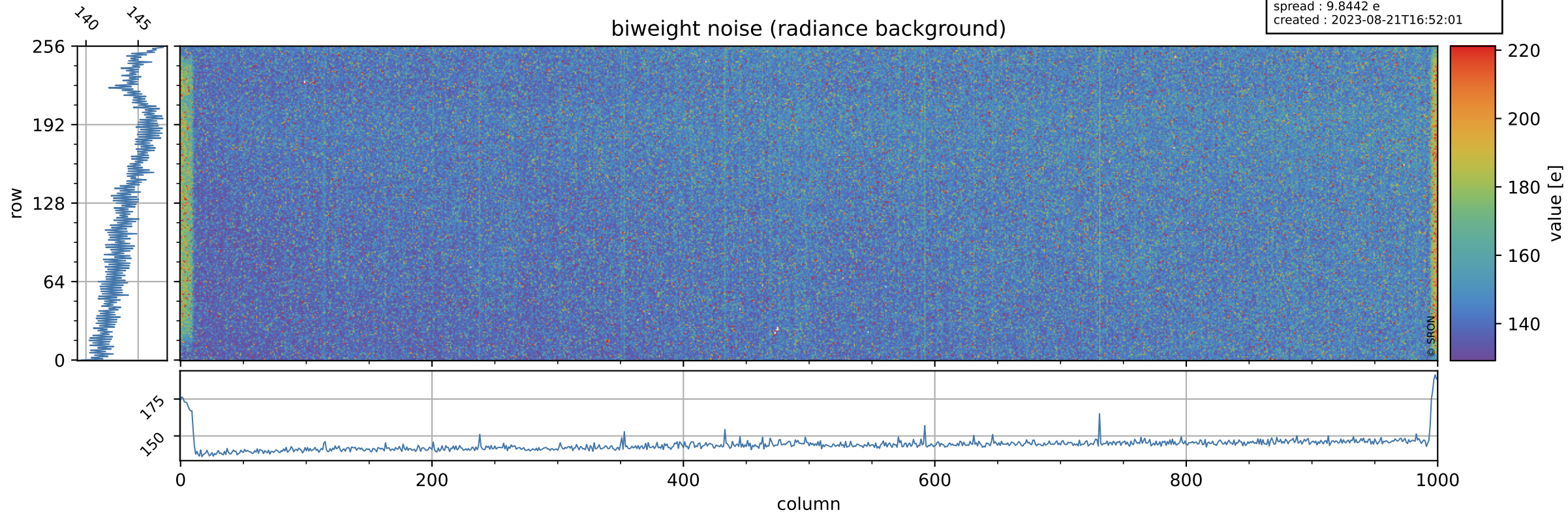
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.87 e  
spread : 9.8442 e  
created : 2023-08-21T16:52:01

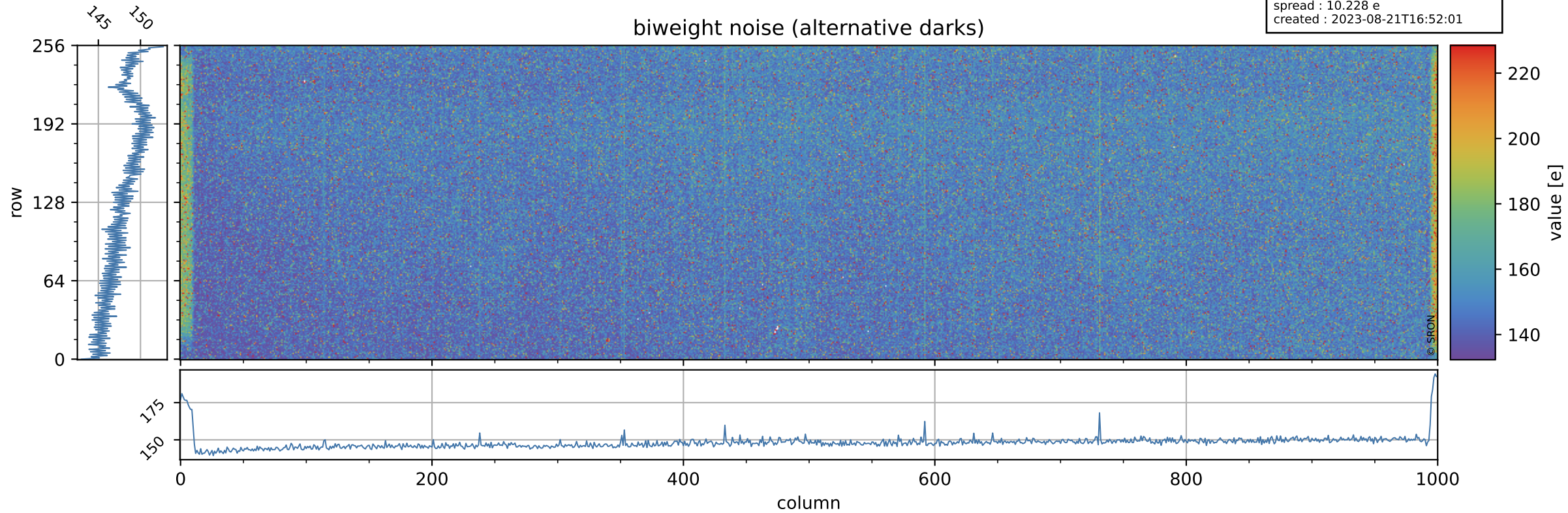
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.86 e  
spread : 10.228 e  
created : 2023-08-21T16:52:01

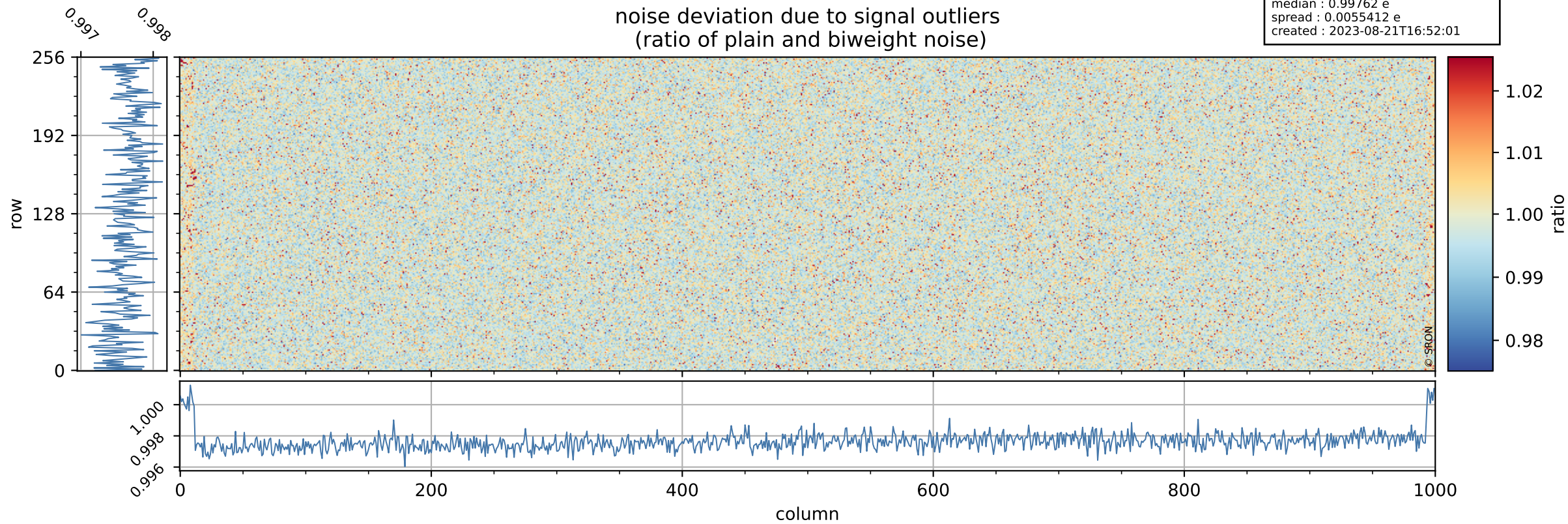
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

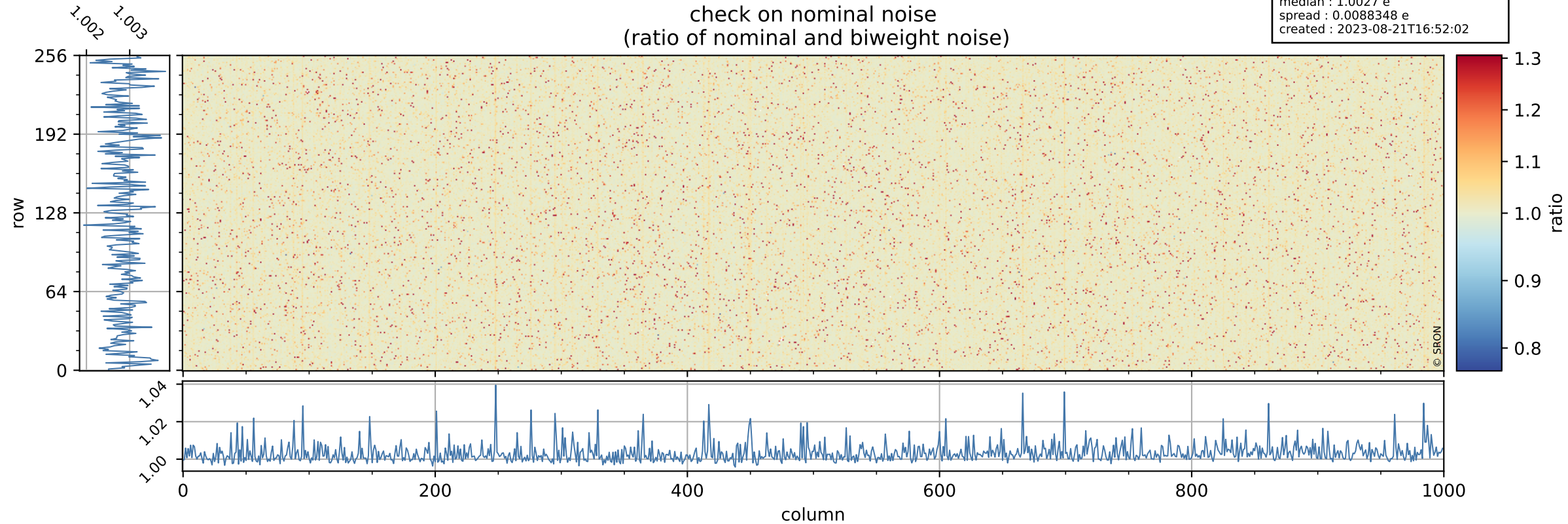
orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
median : 0.99762 e  
spread : 0.0055412 e  
created : 2023-08-21T16:52:01



# Tropomi SWIR background noise (swir)

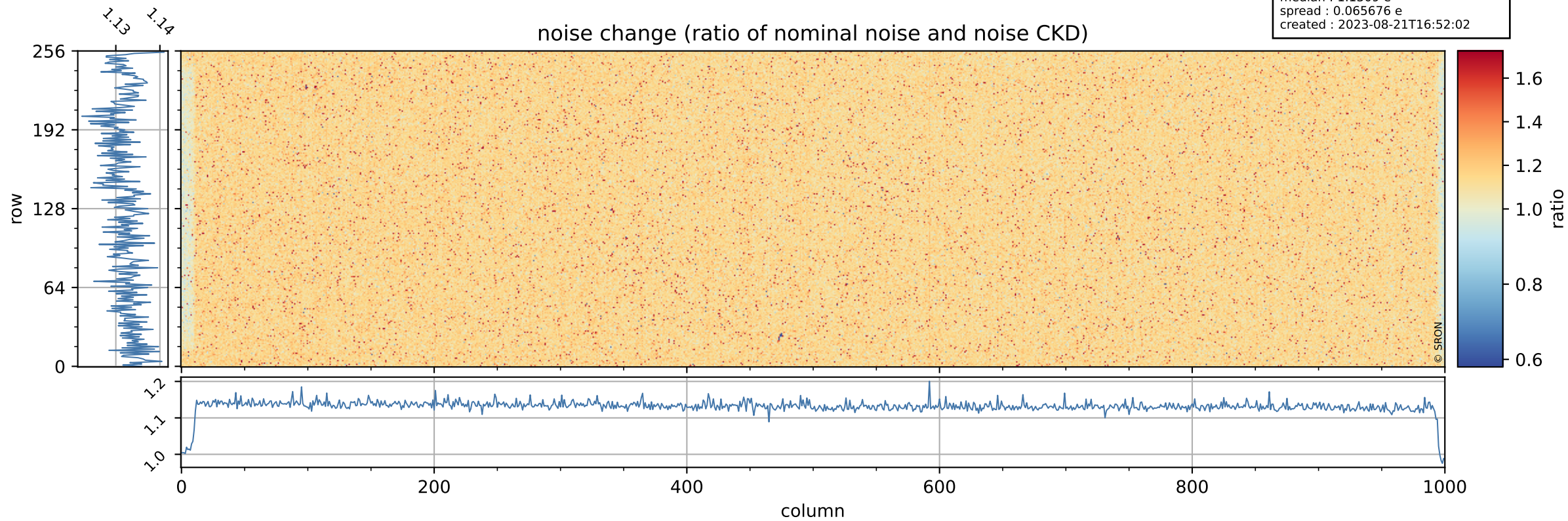
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
median : 1.0027 e  
spread : 0.0088348 e  
created : 2023-08-21T16:52:02



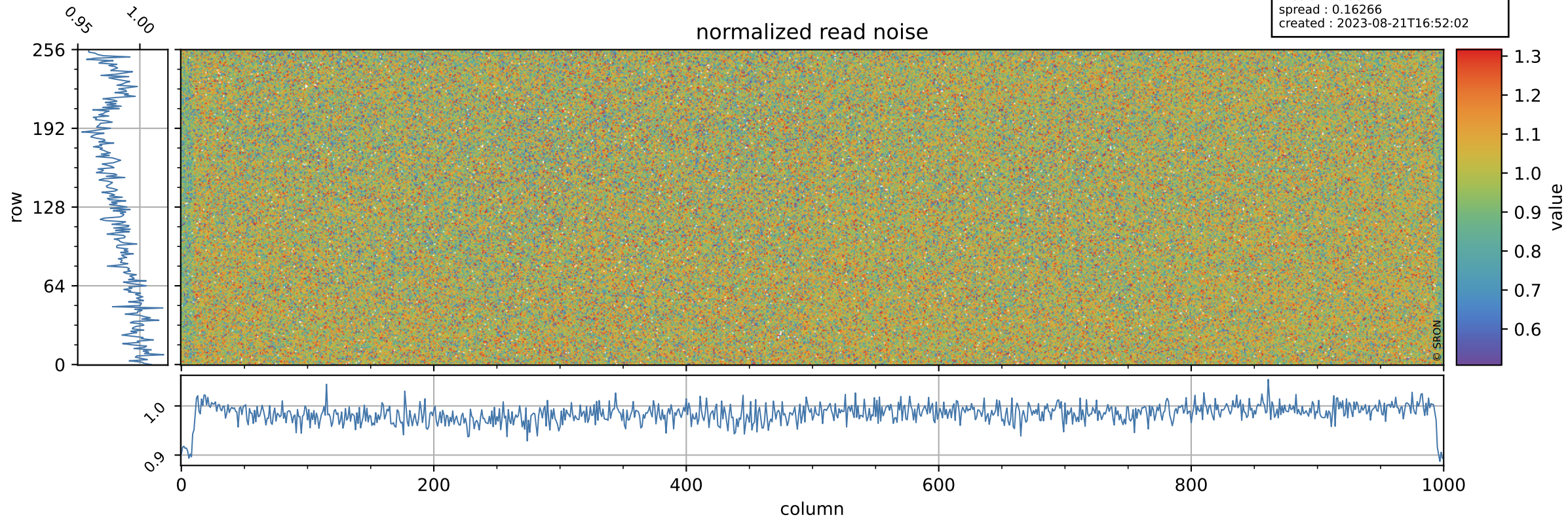
# Tropomi SWIR background noise (swir)

orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
median : 1.1309 e  
spread : 0.065676 e  
created : 2023-08-21T16:52:02



# Tropomi SWIR background noise (swir)

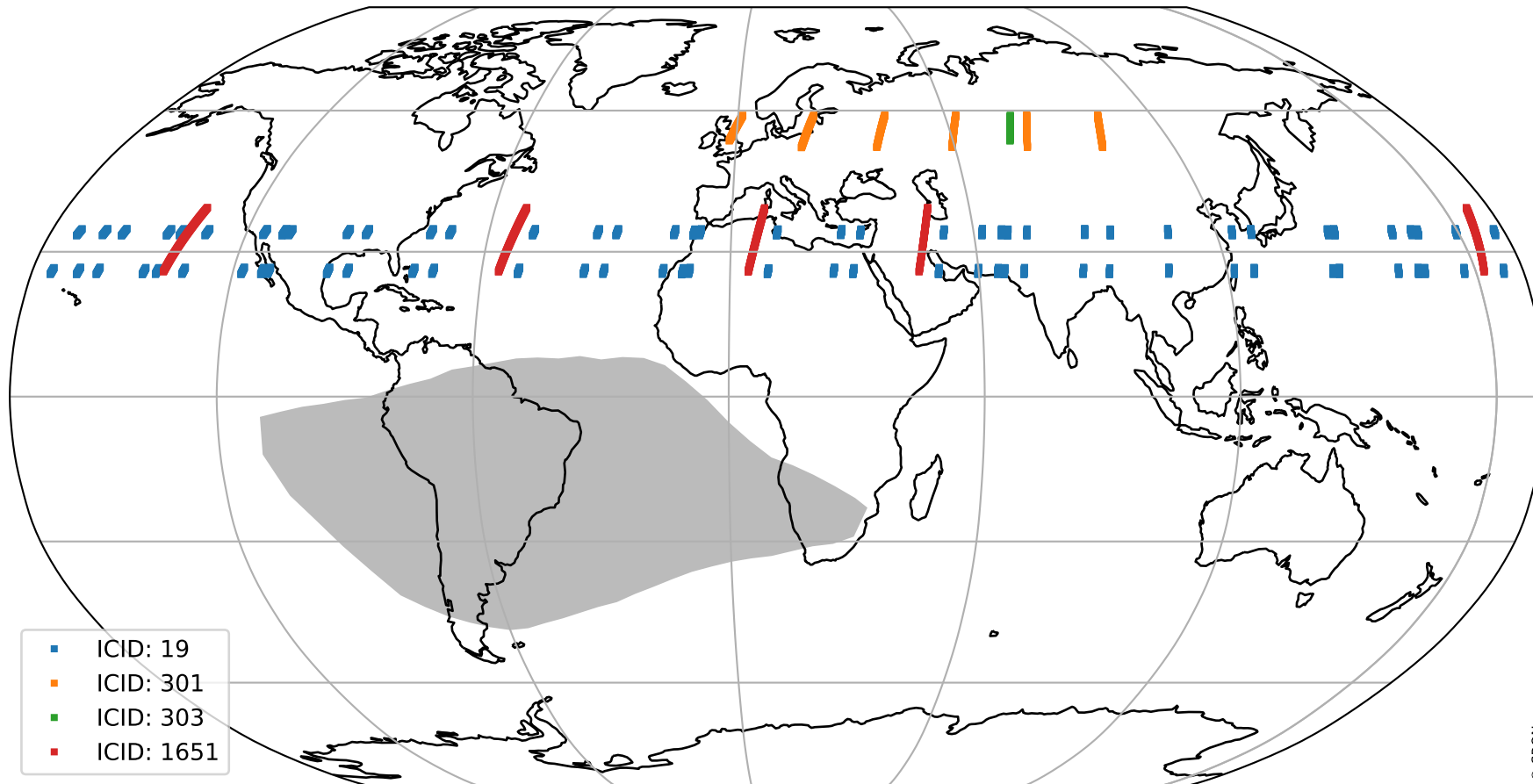
orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
median : 0.98274  
spread : 0.16266  
created : 2023-08-21T16:52:02





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

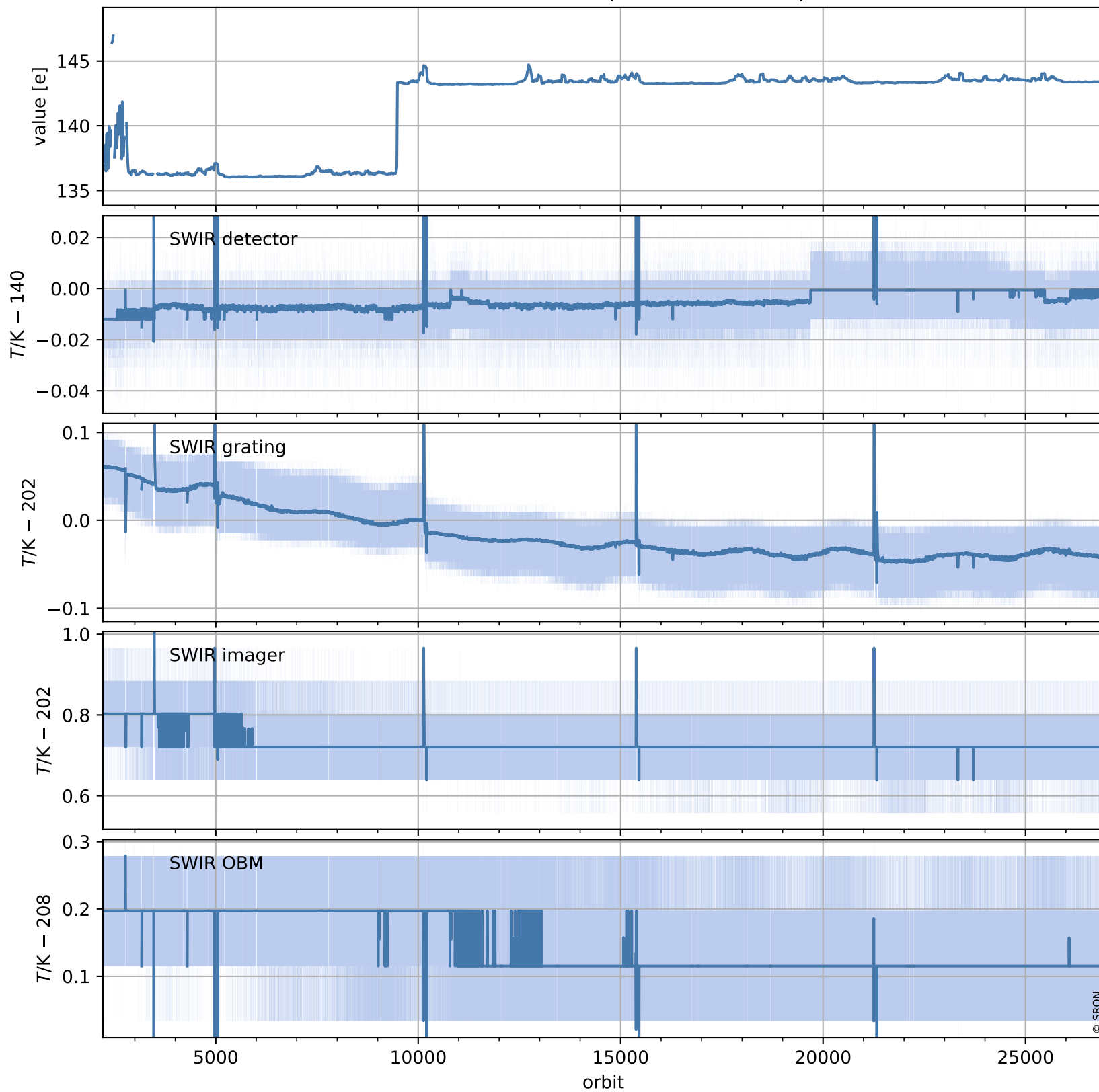
orbits : 12 in [26857, 26932]  
coverage : 2022-12-18 / 2022-12-24  
created : 2023-08-21T16:52:03



# Tropomi SWIR background noise (swir)

orbits : [2212, 26932]  
coverage : 2018-03-18 / 2022-12-24  
created : 2023-08-21T16:52:03

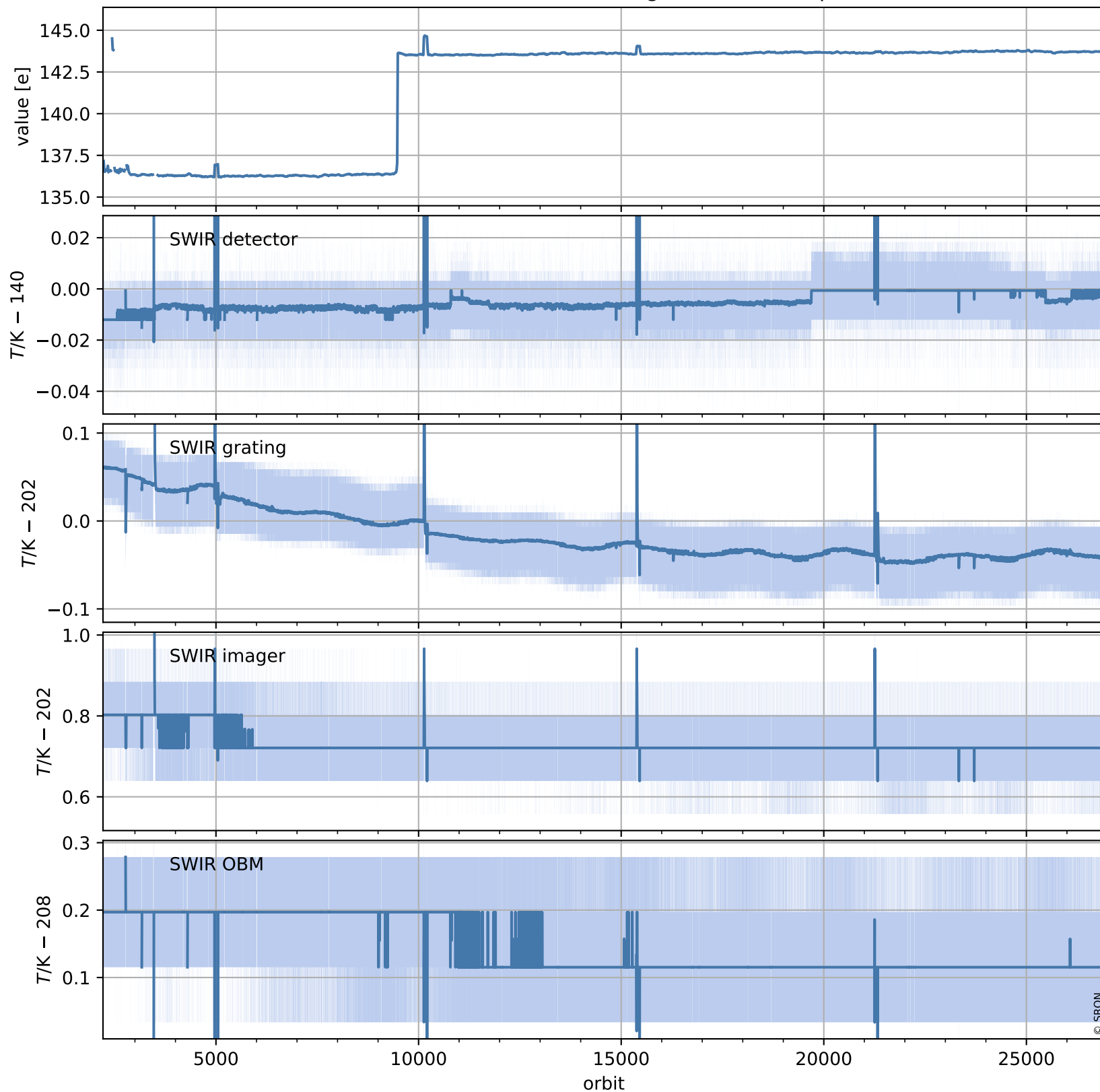
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26932]  
coverage : 2018-03-18 / 2022-12-24  
created : 2023-08-21T16:52:04

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26932]  
coverage : 2018-03-18 / 2022-12-24  
created : 2023-08-21T16:52:05

## trend of normalized read-noise & temperatures

