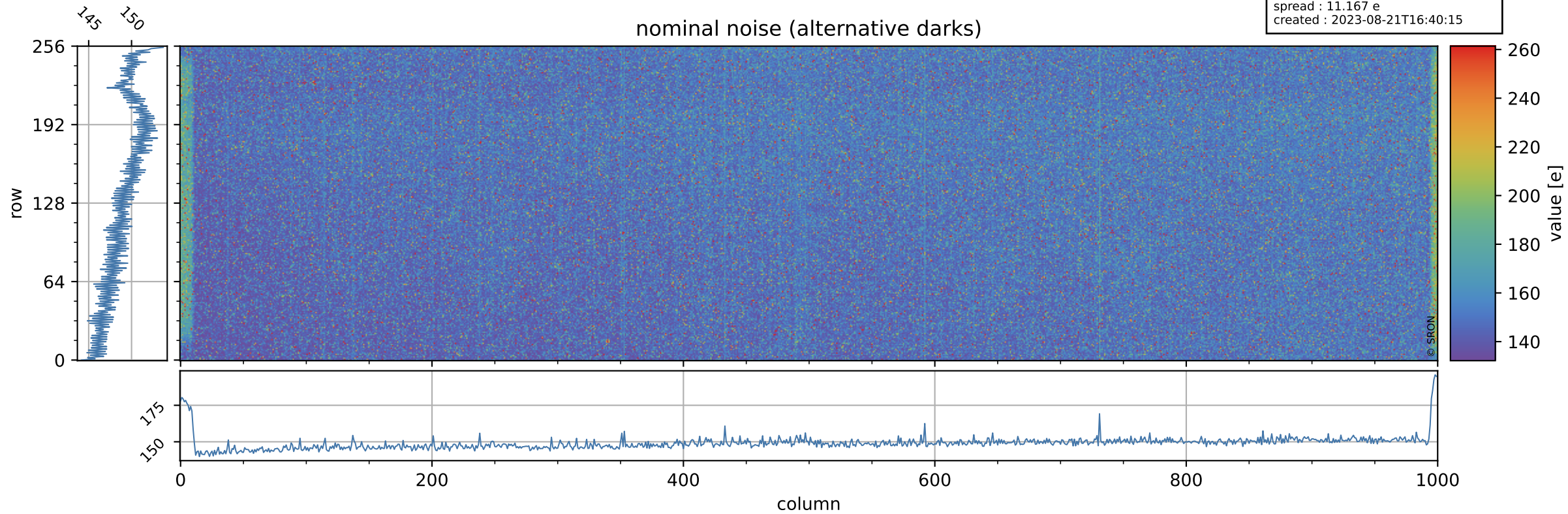


# Tropomi SWIR background noise (swir)

orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.92 e  
spread : 11.167 e  
created : 2023-08-21T16:40:15

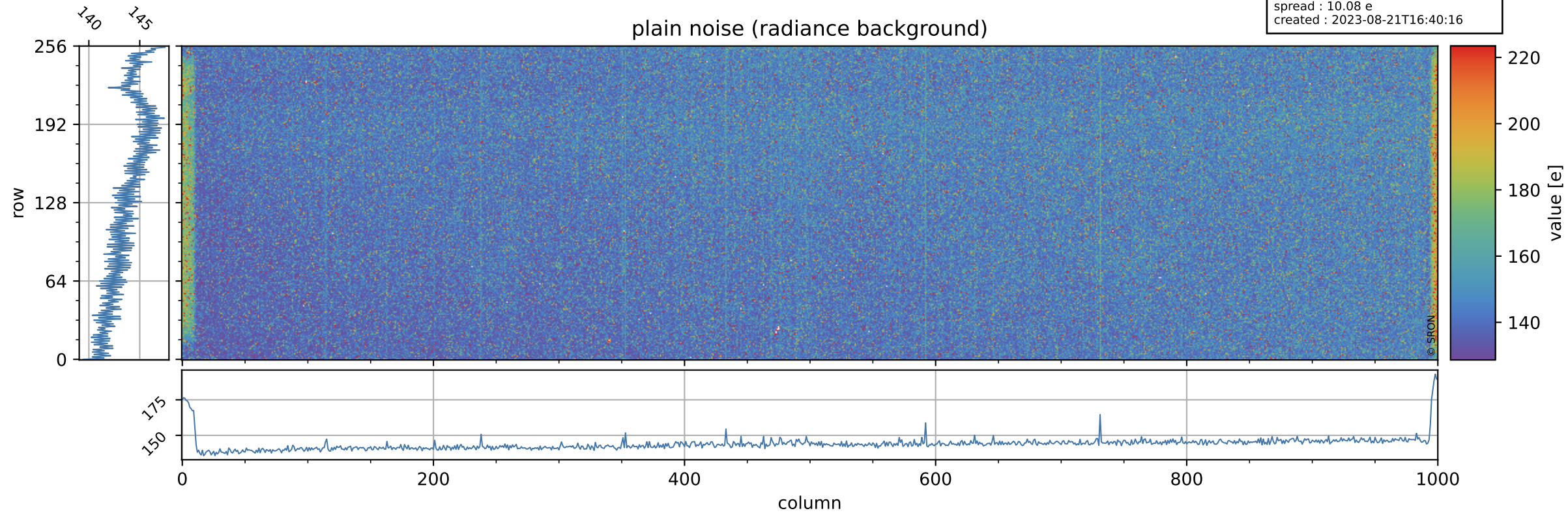
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 10.08 e  
created : 2023-08-21T16:40:16

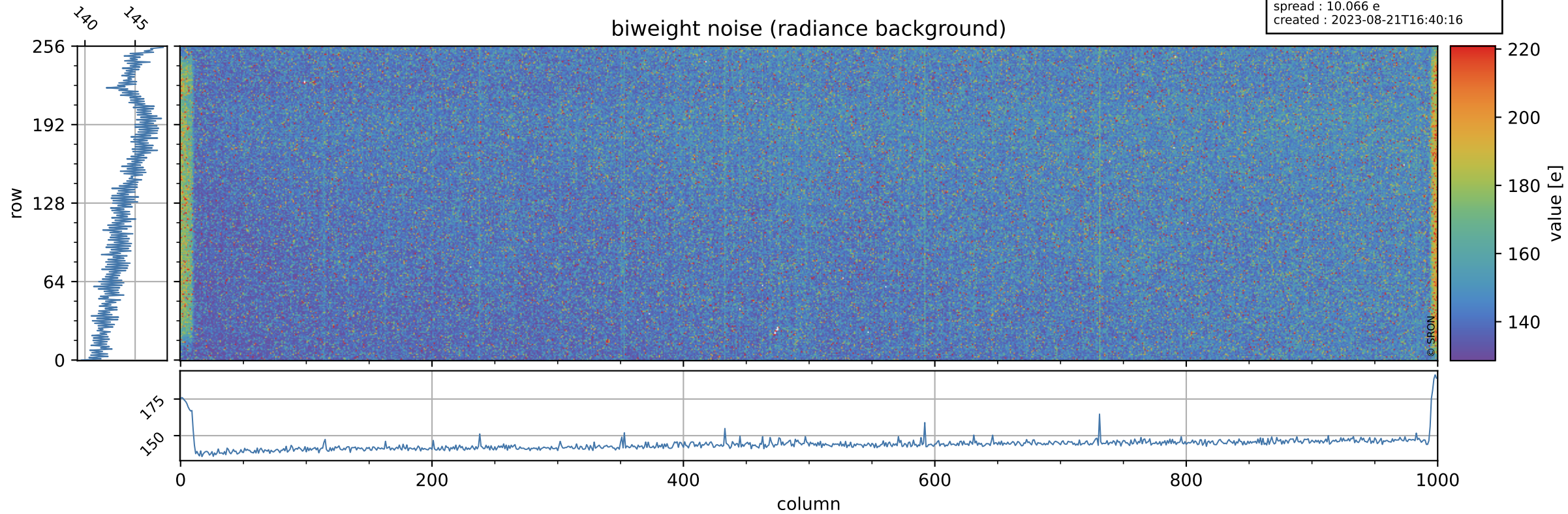
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.91 e  
spread : 10.066 e  
created : 2023-08-21T16:40:16

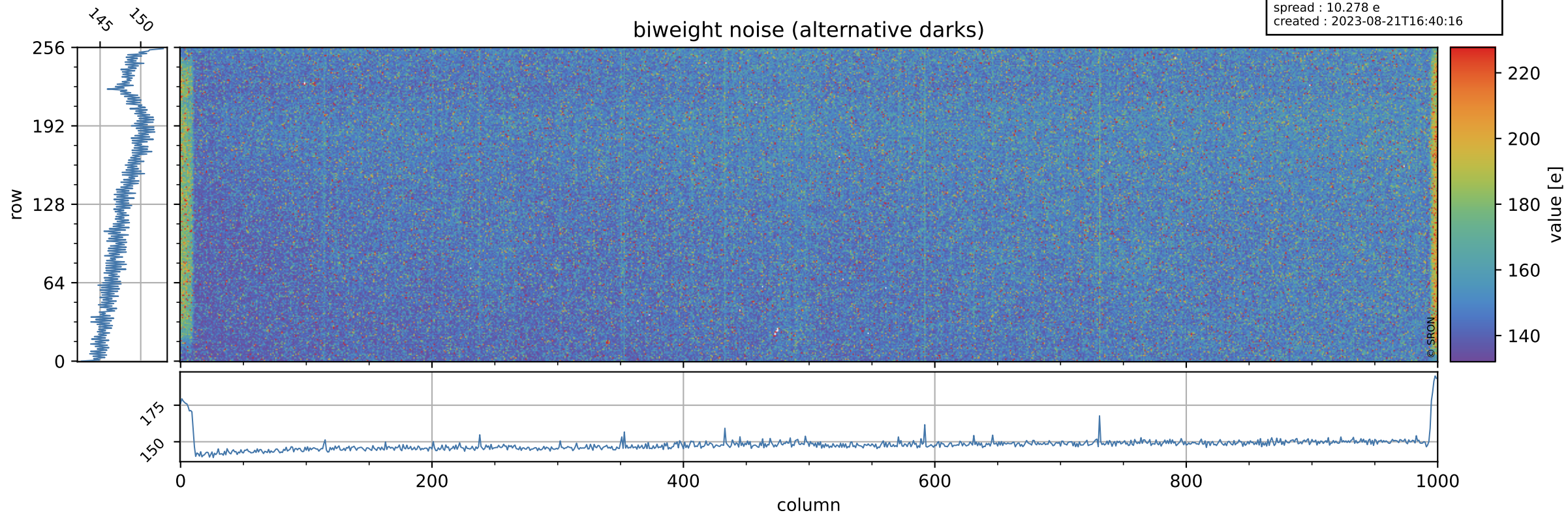
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.278 e  
created : 2023-08-21T16:40:16

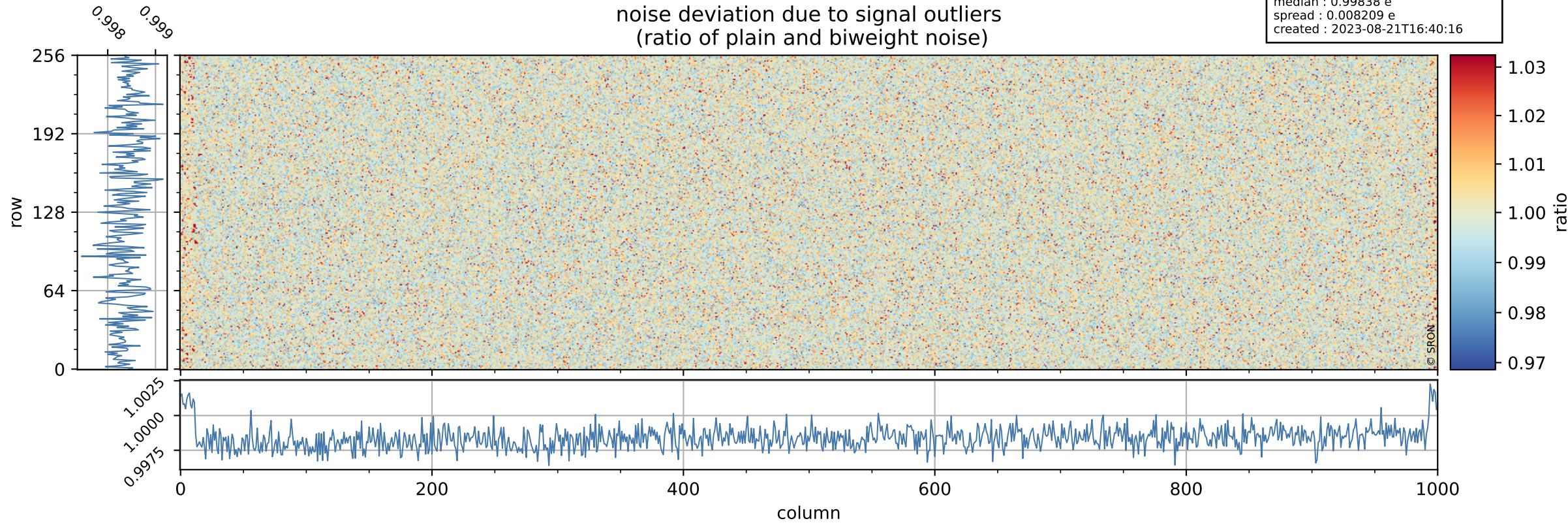
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

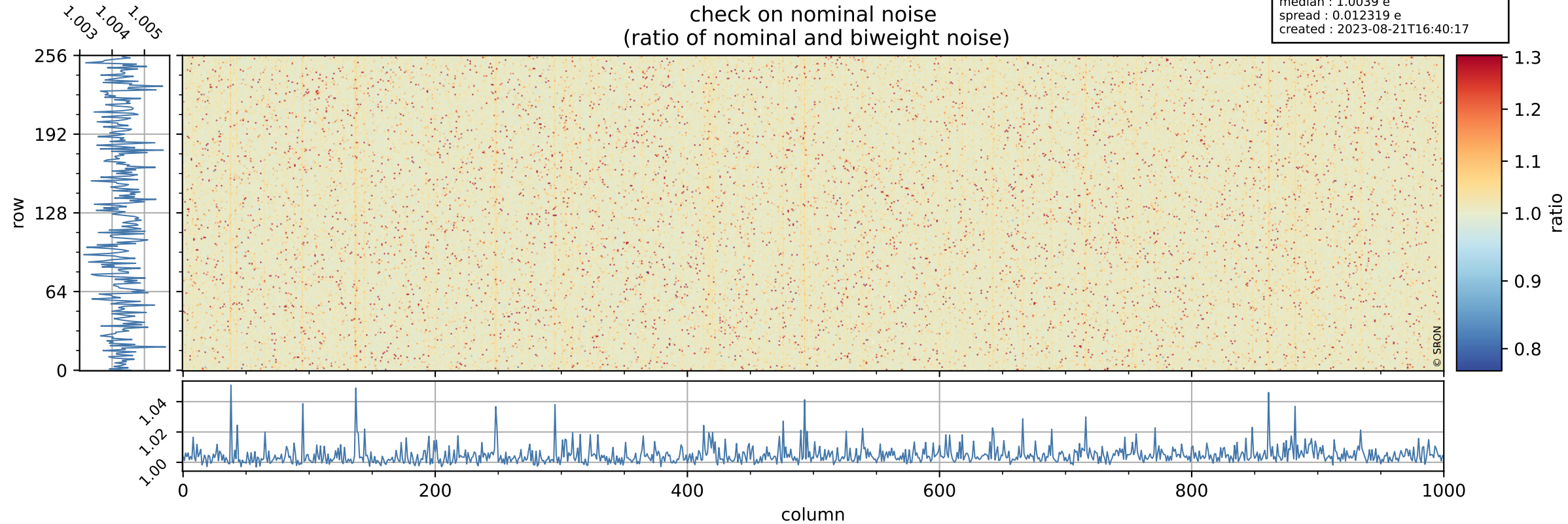
orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
median : 0.99838 e  
spread : 0.008209 e  
created : 2023-08-21T16:40:16



# Tropomi SWIR background noise (swir)

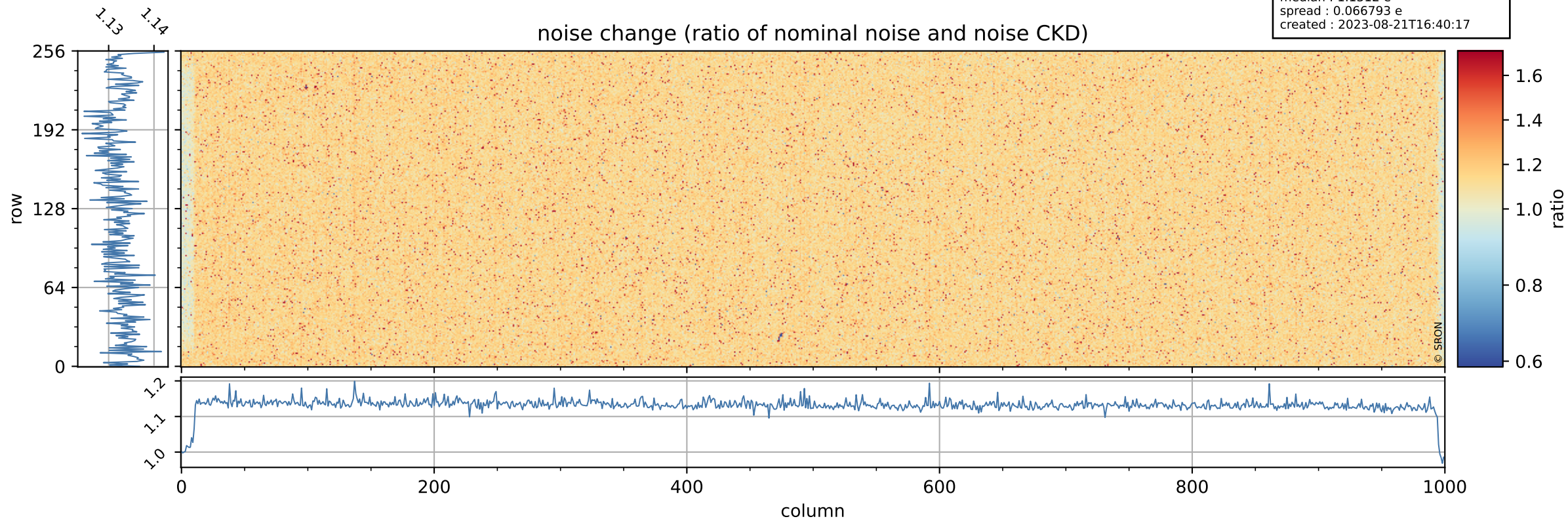
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
median : 1.0039 e  
spread : 0.012319 e  
created : 2023-08-21T16:40:17



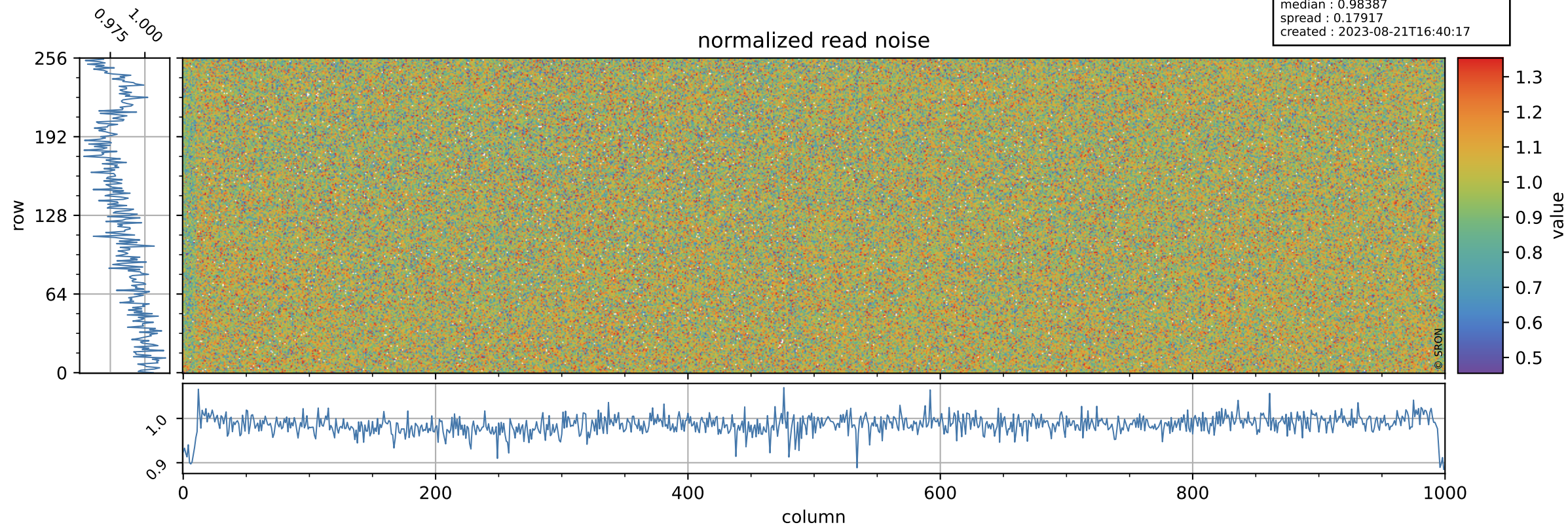
# Tropomi SWIR background noise (swir)

orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
median : 1.1312 e  
spread : 0.066793 e  
created : 2023-08-21T16:40:17



# Tropomi SWIR background noise (swir)

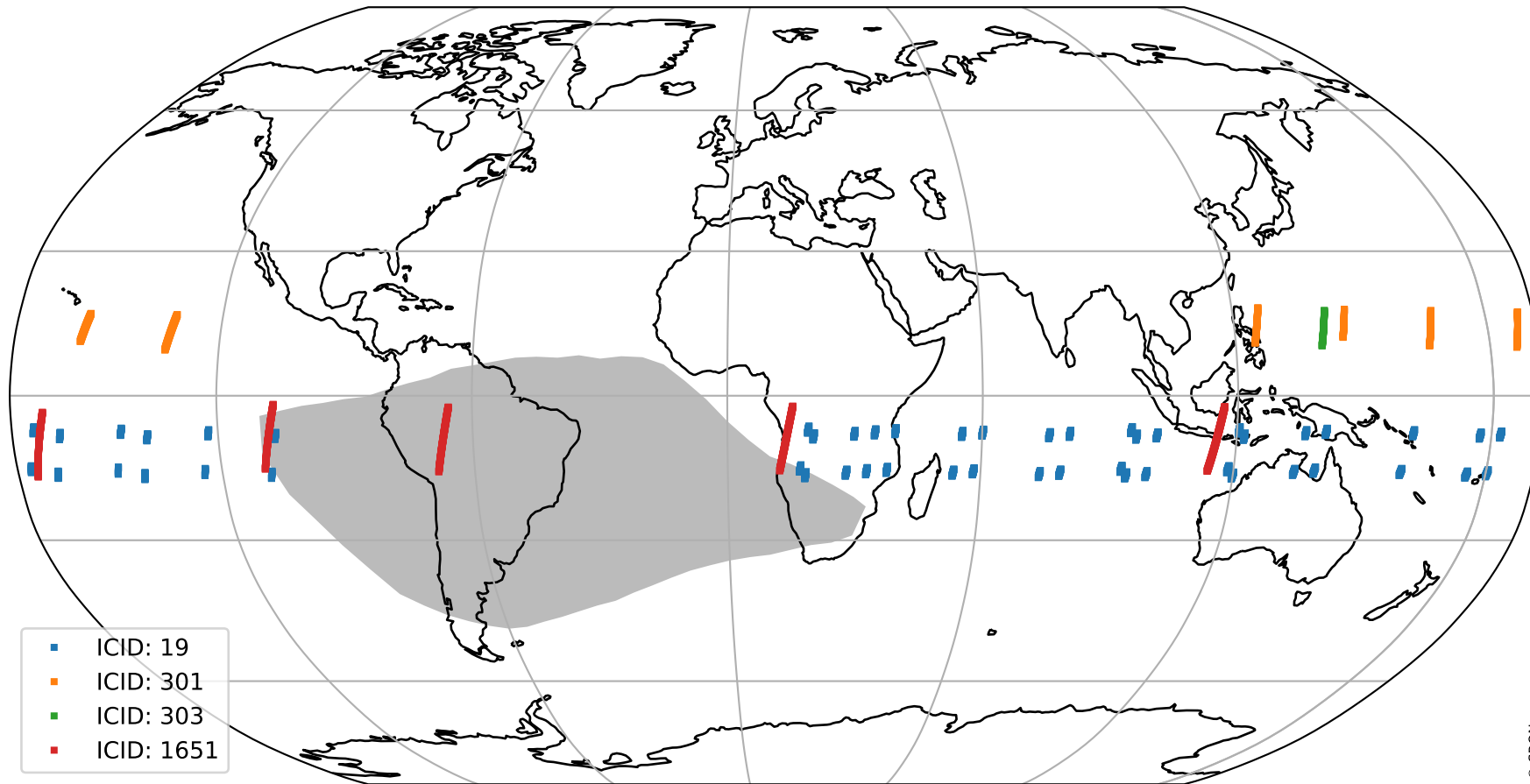
orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
median : 0.98387  
spread : 0.17917  
created : 2023-08-21T16:40:17





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

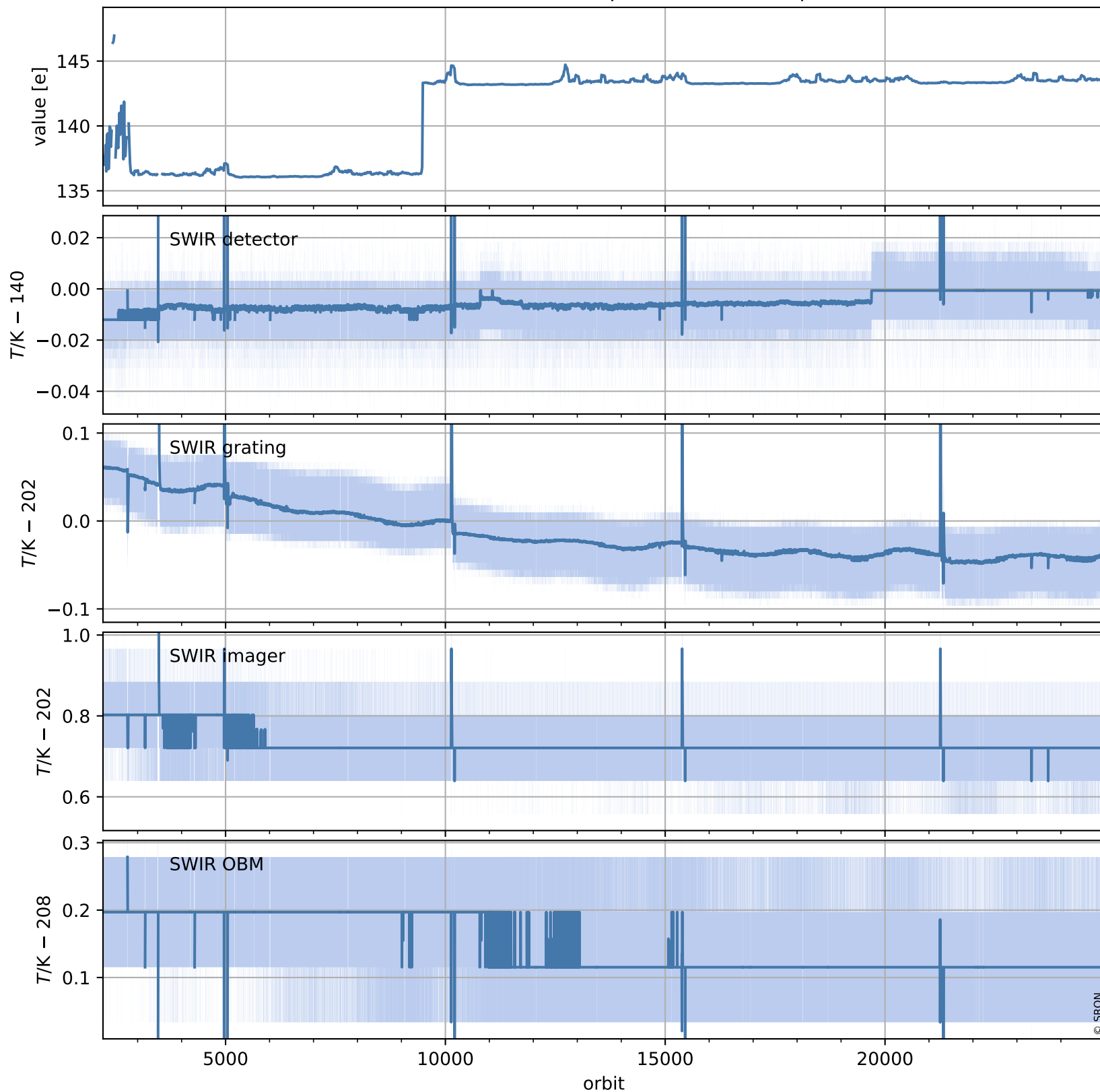
orbits : 12 in [24907, 24997]  
coverage : 2022-08-04 / 2022-08-10  
created : 2023-08-21T16:40:18



# Tropomi SWIR background noise (swir)

orbits : [2212, 24997]  
coverage : 2018-03-18 / 2022-08-10  
created : 2023-08-21T16:40:18

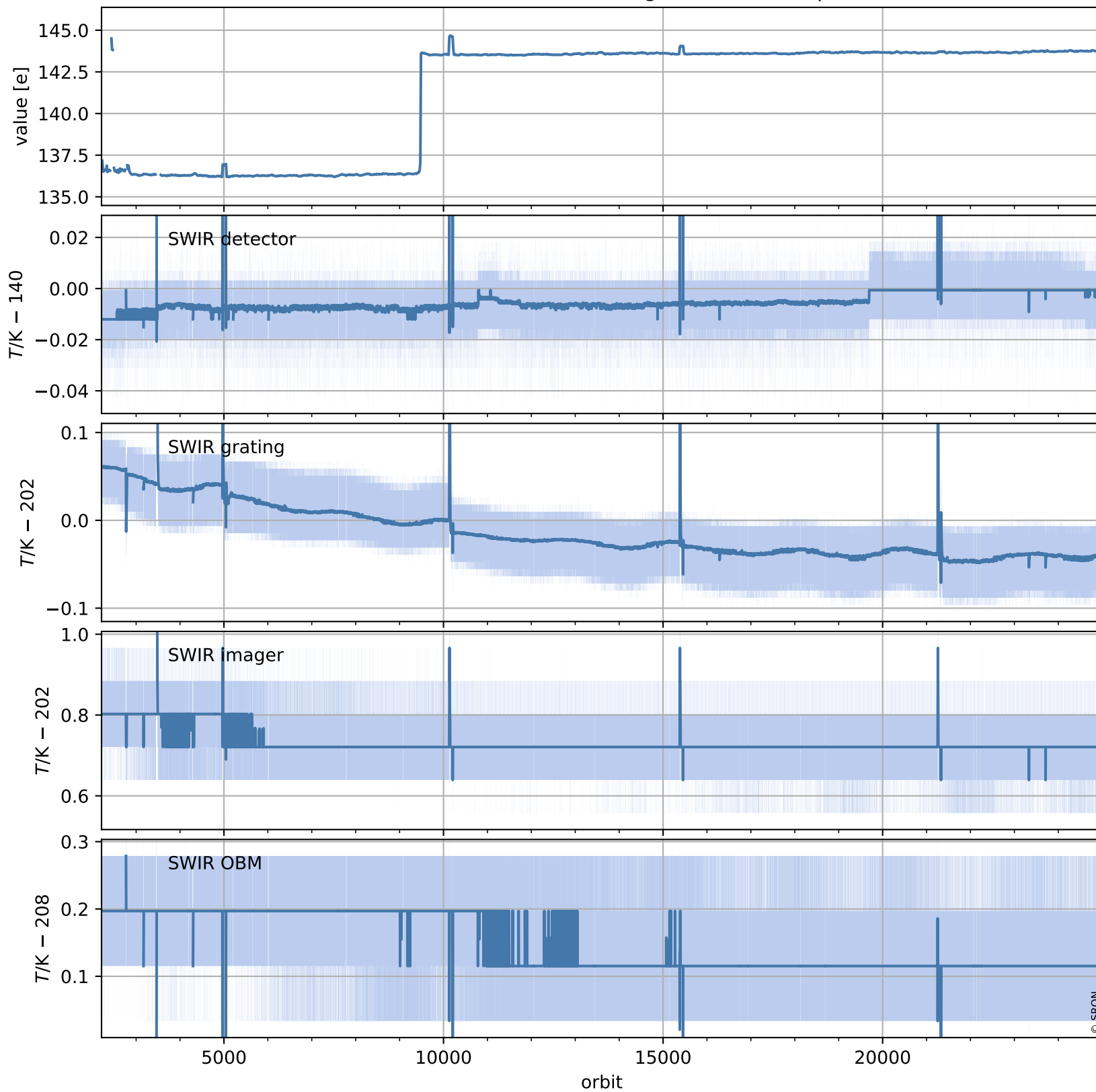
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24997]  
coverage : 2018-03-18 / 2022-08-10  
created : 2023-08-21T16:40:19

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24997]  
coverage : 2018-03-18 / 2022-08-10  
created : 2023-08-21T16:40:20

## trend of normalized read-noise & temperatures

