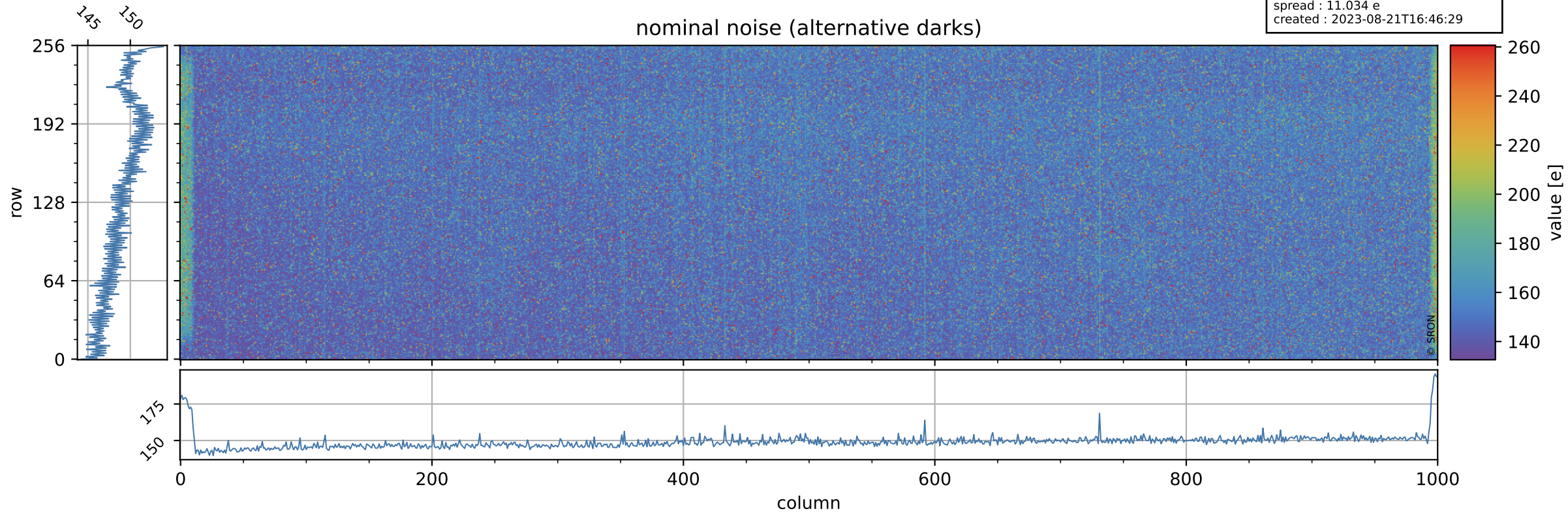


# Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
n\_coad, t\_exp : 1, 1.0783  
median : 148.86 e  
spread : 11.034 e  
created : 2023-08-21T16:46:29

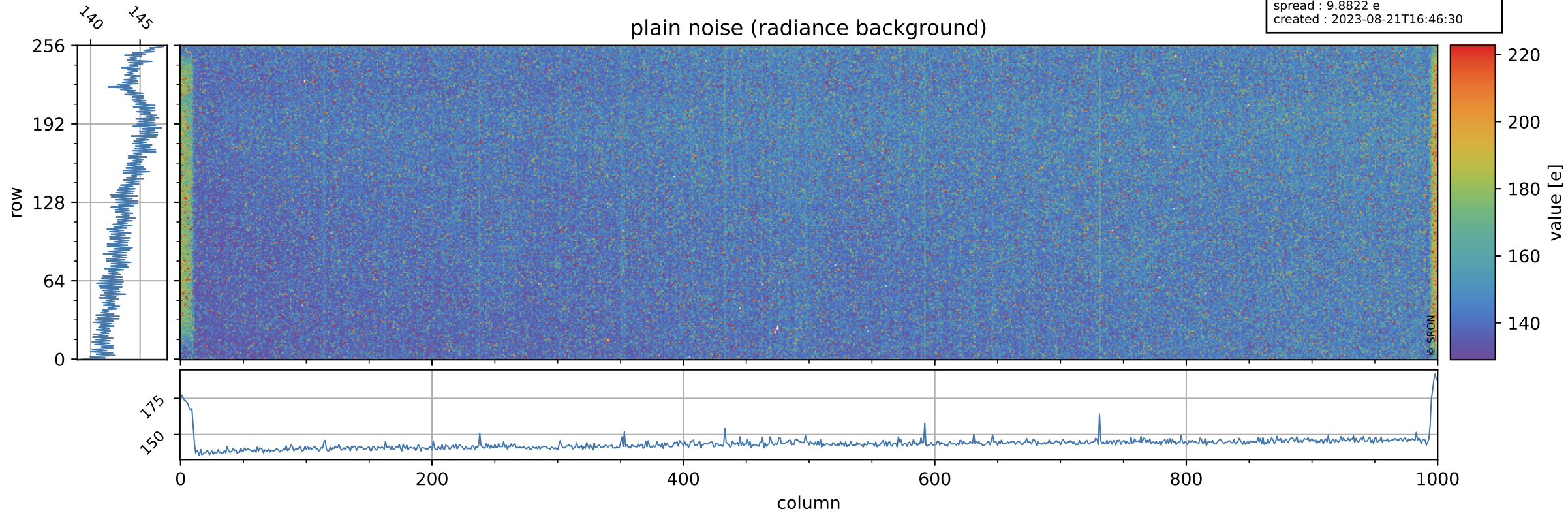
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.53 e  
spread : 9.8822 e  
created : 2023-08-21T16:46:30

plain noise (radiance background)

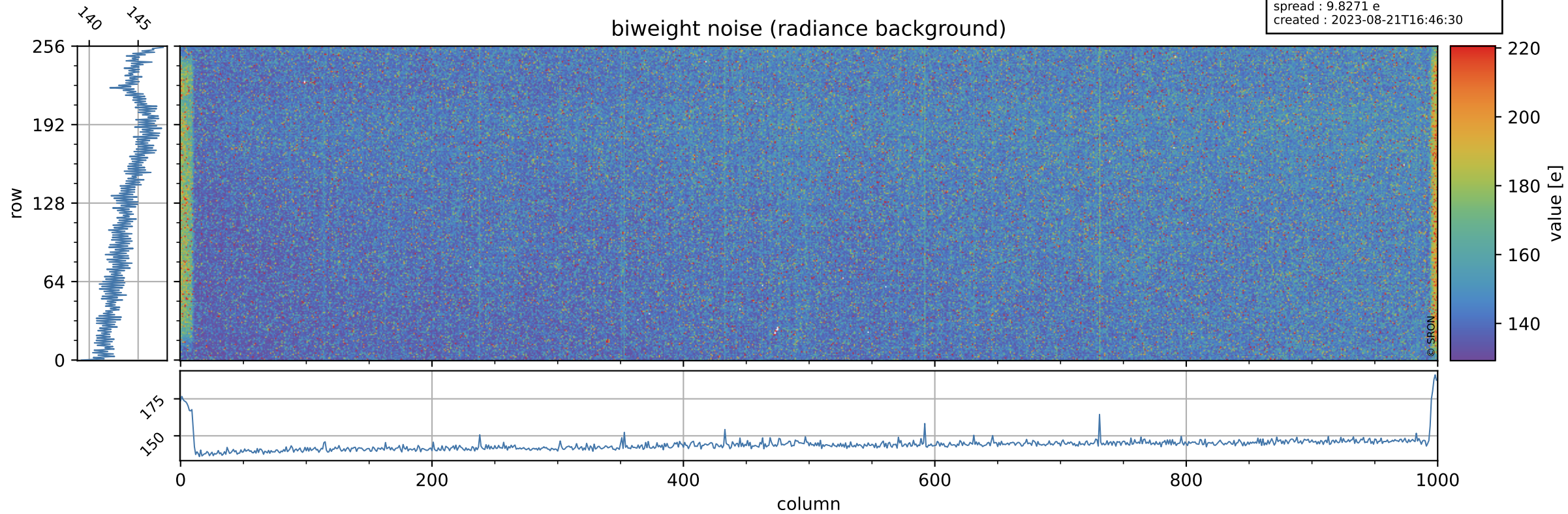




# Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.85 e  
spread : 9.8271 e  
created : 2023-08-21T16:46:30

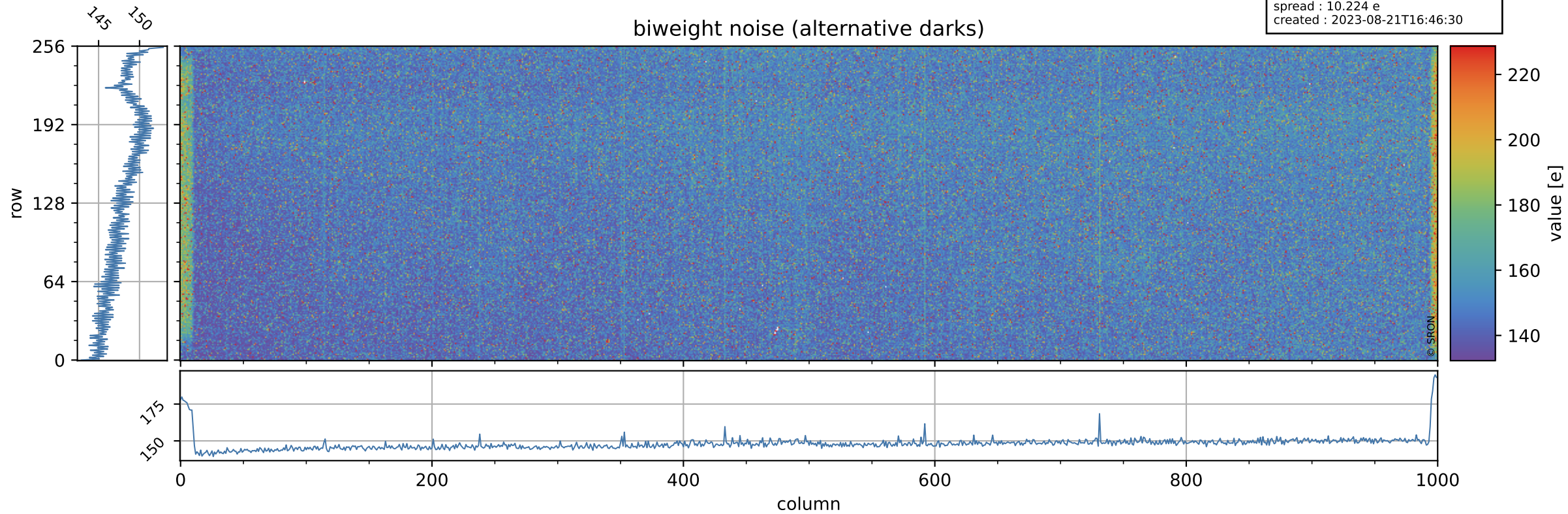
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
n\_coad, t\_exp : 1, 1.0783  
median : 147.84 e  
spread : 10.224 e  
created : 2023-08-21T16:46:30

## biweight noise (alternative darks)

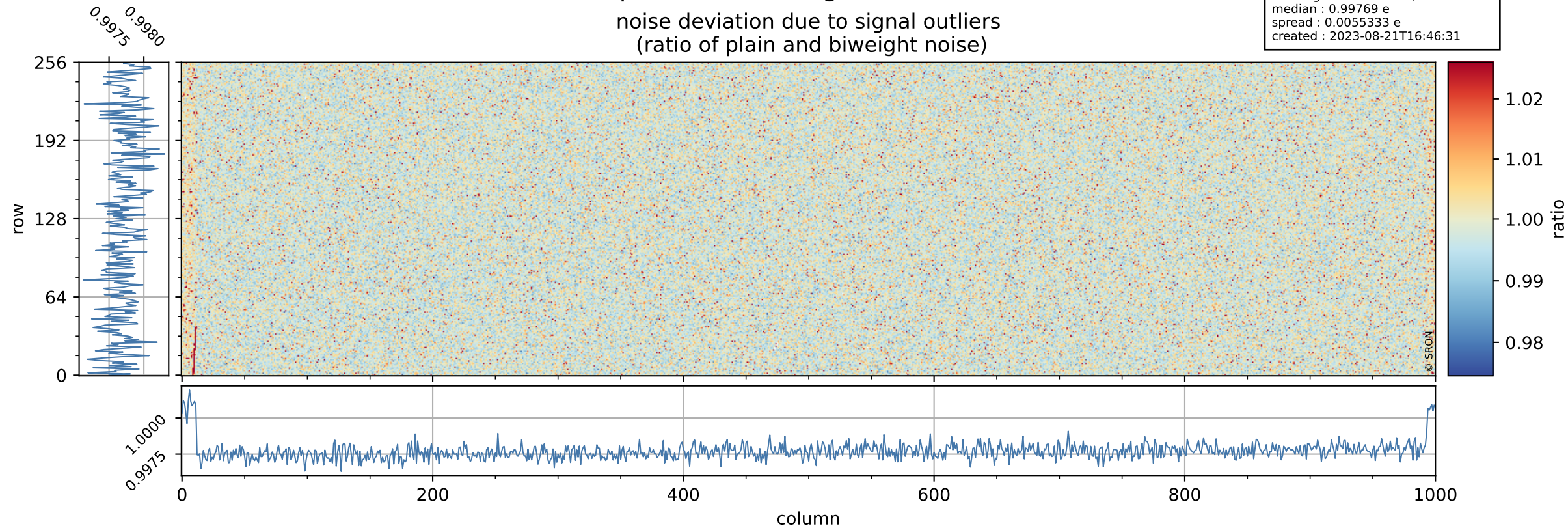




# Tropomi SWIR background noise (swir)

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

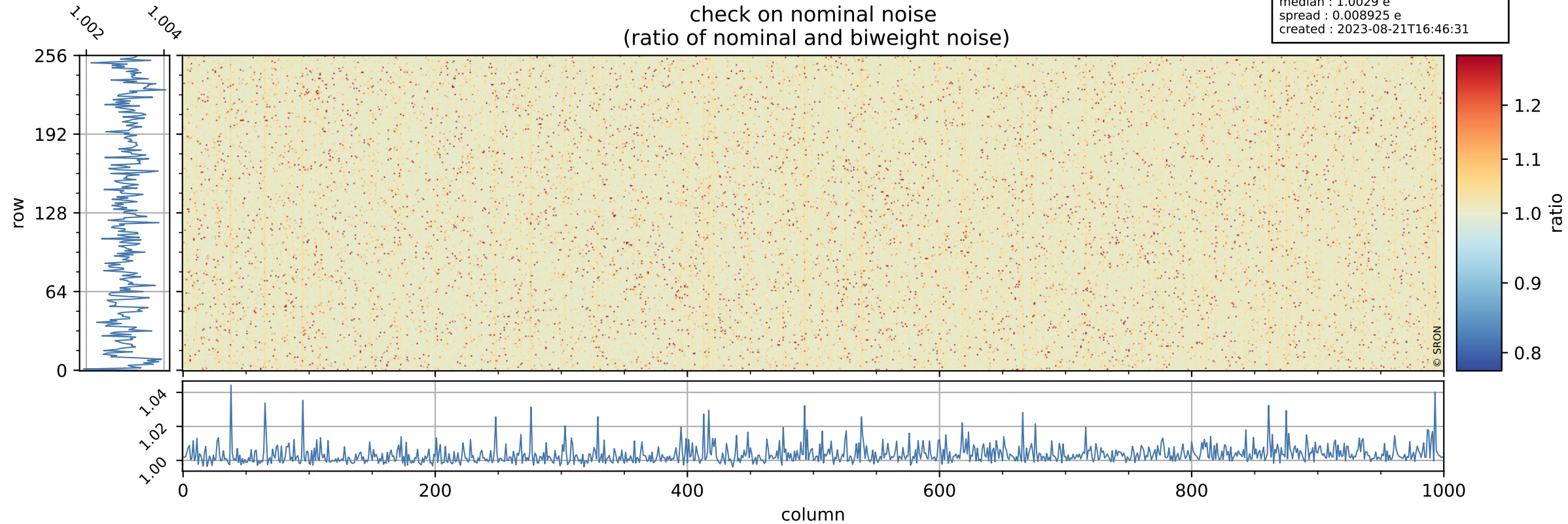
orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
median : 0.99769 e  
spread : 0.0055333 e  
created : 2023-08-21T16:46:31



# Tropomi SWIR background noise (swir)

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

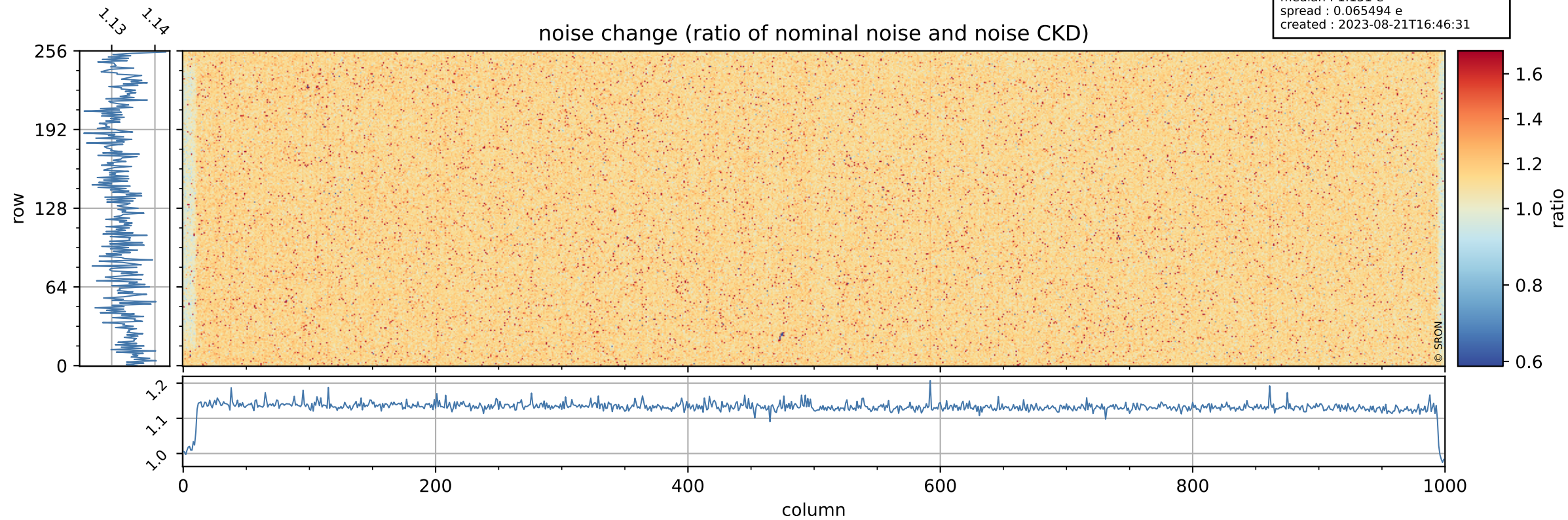
orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
median : 1.0029 e  
spread : 0.008925 e  
created : 2023-08-21T16:46:31





# Tropomi SWIR background noise (swir)

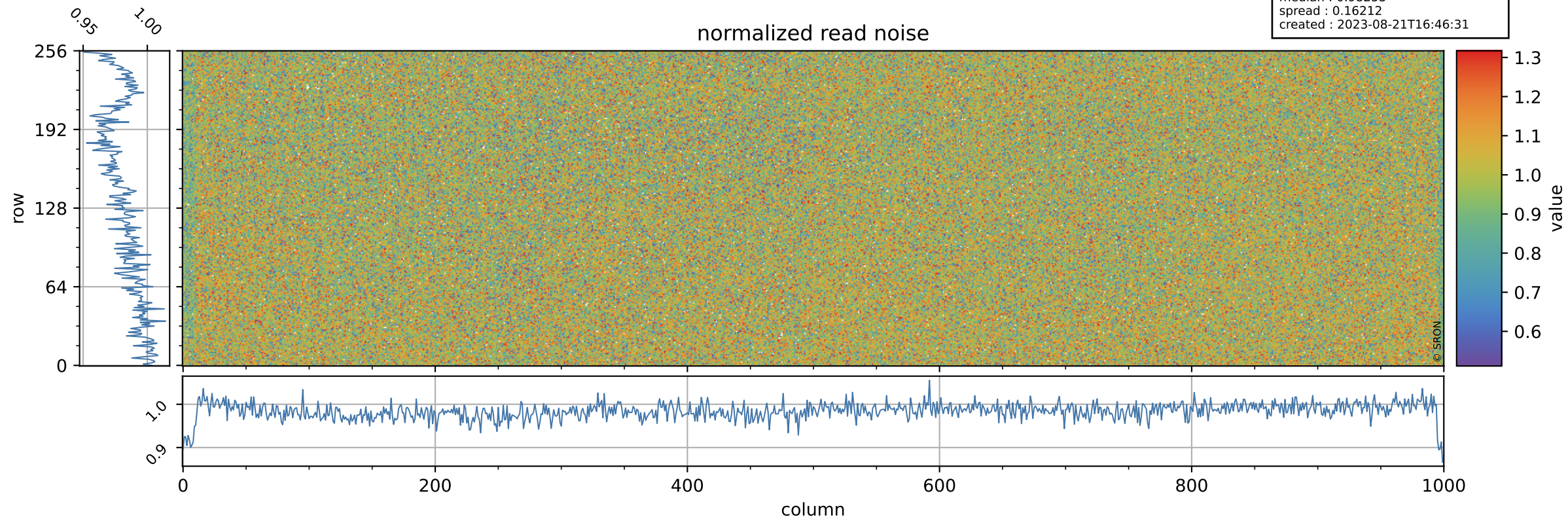
orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
median : 1.131 e  
spread : 0.065494 e  
created : 2023-08-21T16:46:31





# Tropomi SWIR background noise (swir)

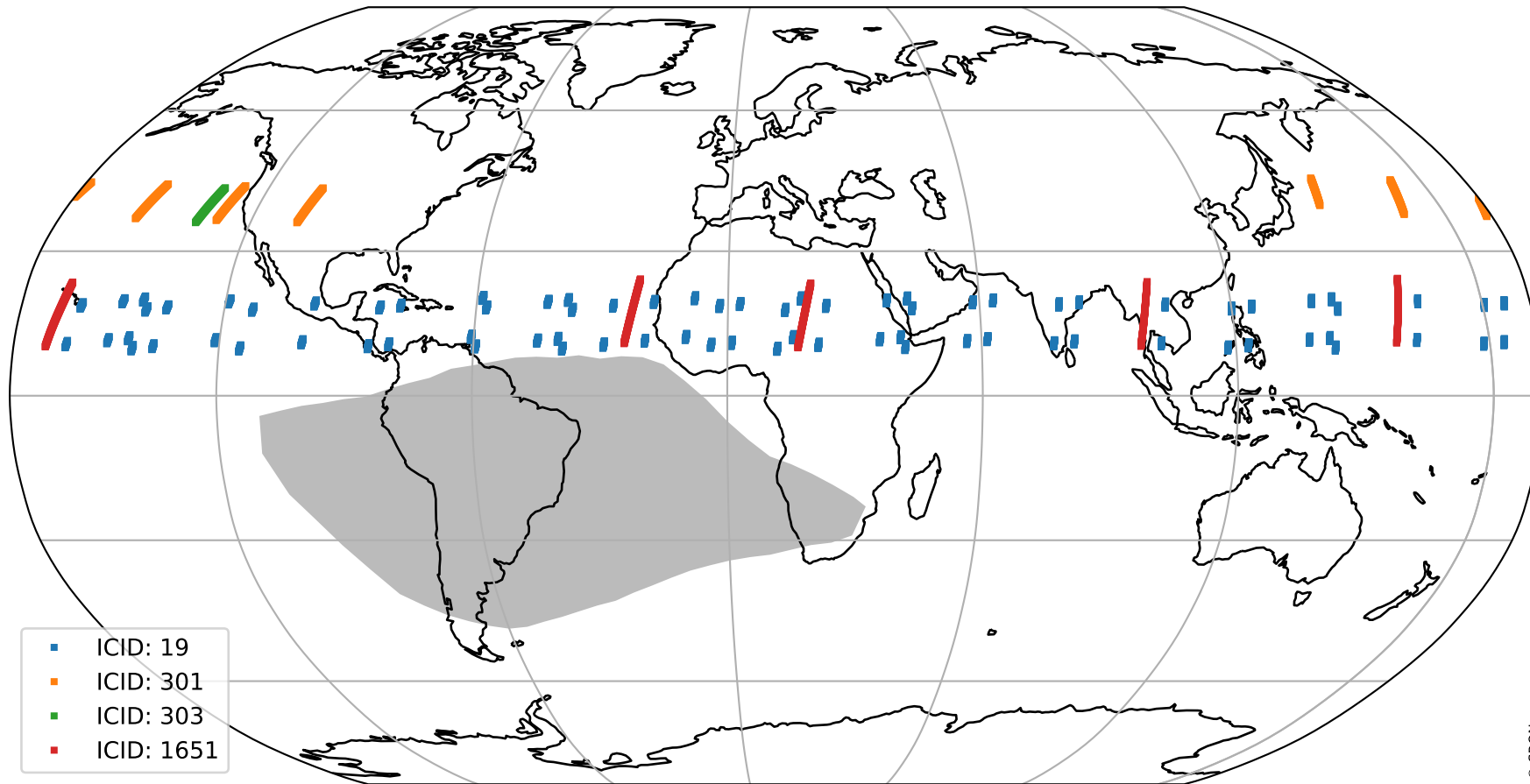
orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
median : 0.98253  
spread : 0.16212  
created : 2023-08-21T16:46:31





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

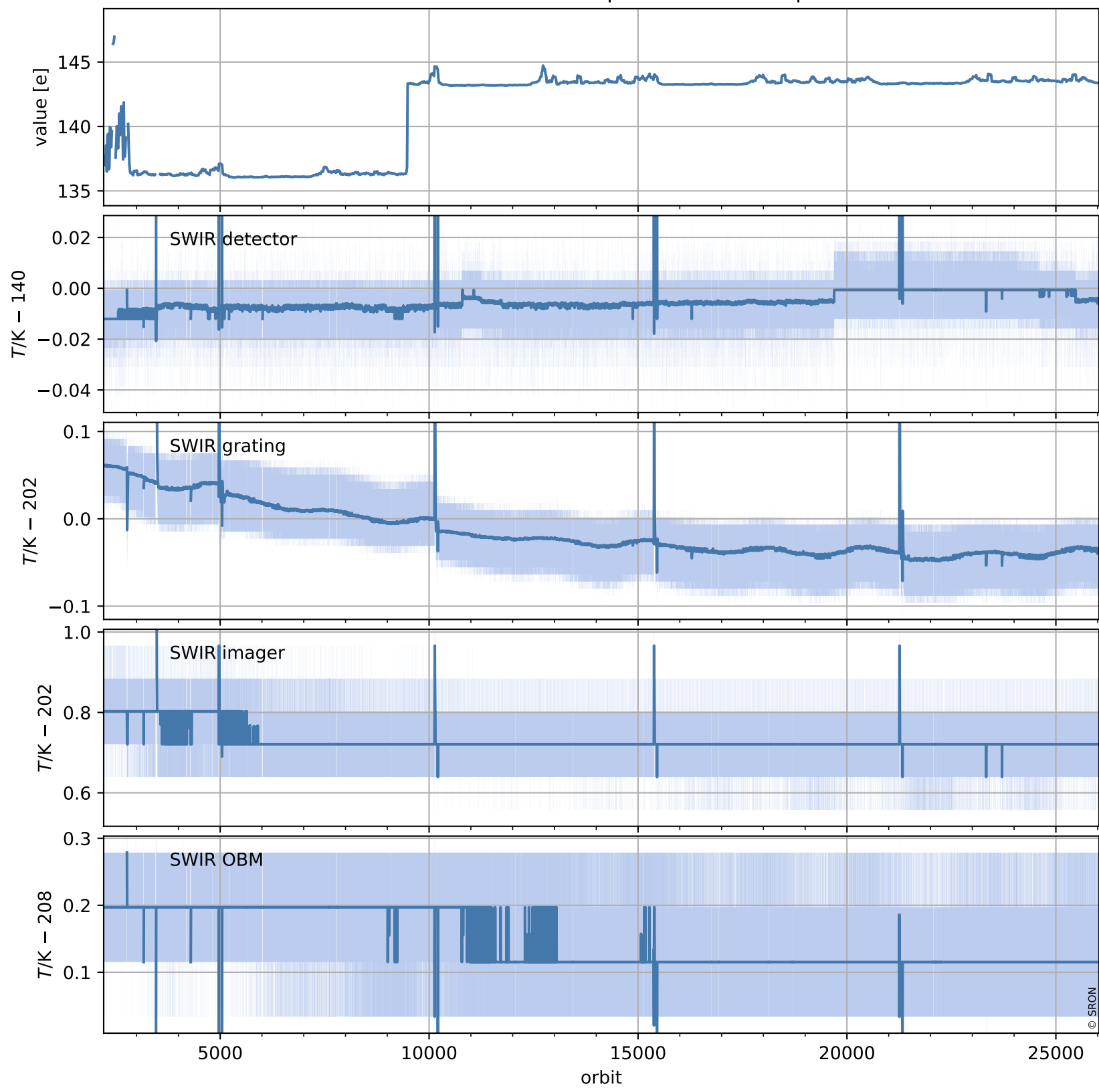
orbits : 12 in [25957, 26032]  
coverage : 2022-10-16 / 2022-10-21  
created : 2023-08-21T16:46:32



# Tropomi SWIR background noise (swir)

orbits : [2212, 26032]  
coverage : 2018-03-18 / 2022-10-21  
created : 2023-08-21T16:46:32

## trend of detector median of plain noise & temperatures

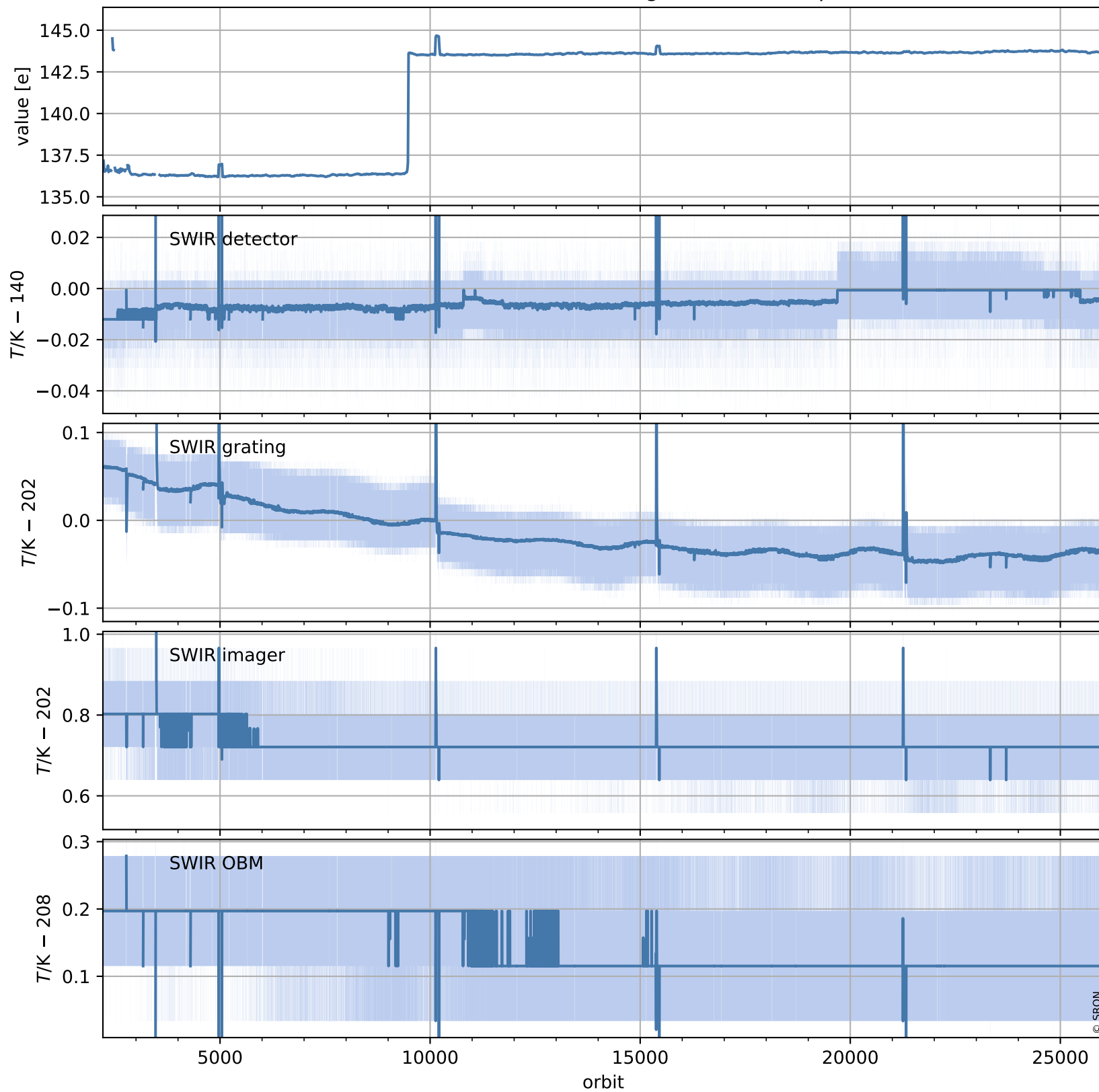




# Tropomi SWIR background noise (swir)

orbits : [2212, 26032]  
coverage : 2018-03-18 / 2022-10-21  
created : 2023-08-21T16:46:33

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26032]  
coverage : 2018-03-18 / 2022-10-21  
created : 2023-08-21T16:46:34

## trend of normalized read-noise & temperatures

