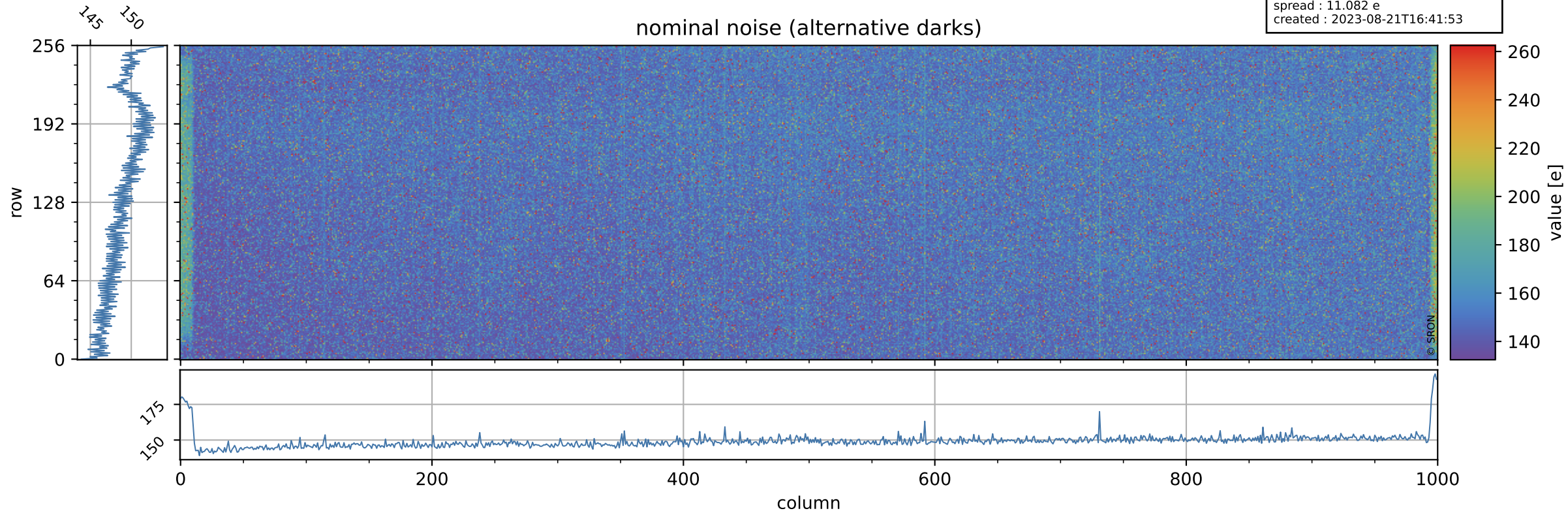


# Tropomi SWIR background noise (swir)

orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.88 e  
spread : 11.082 e  
created : 2023-08-21T16:41:53

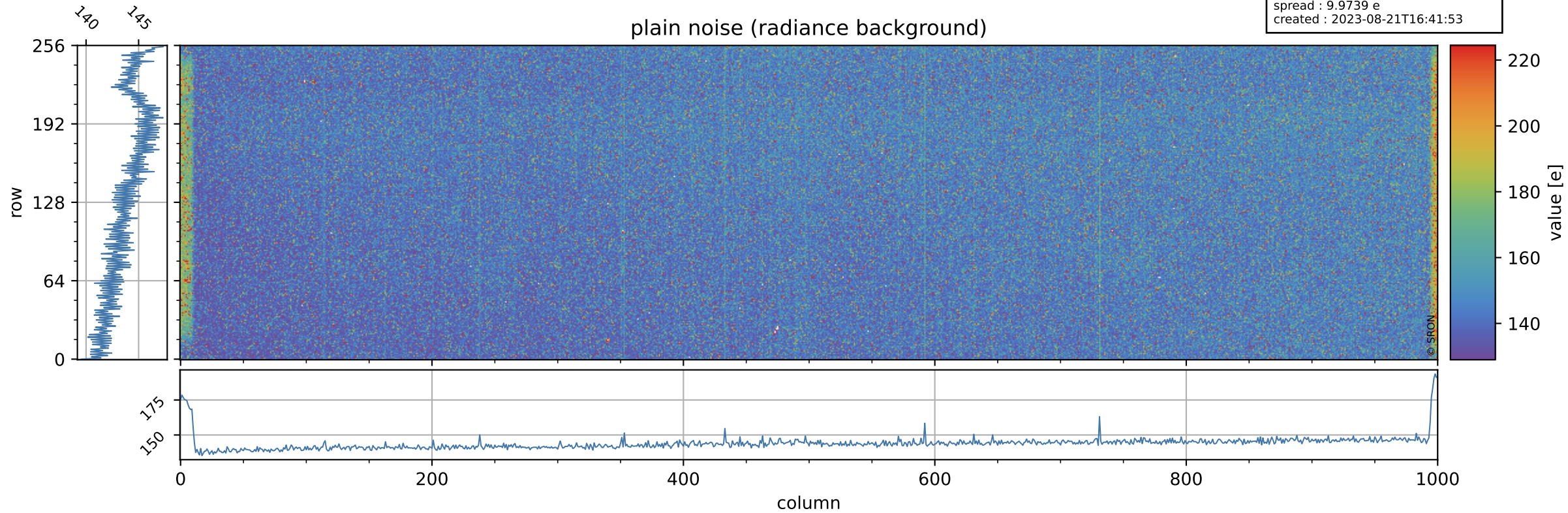
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.72 e  
spread : 9.9739 e  
created : 2023-08-21T16:41:53

## plain noise (radiance background)

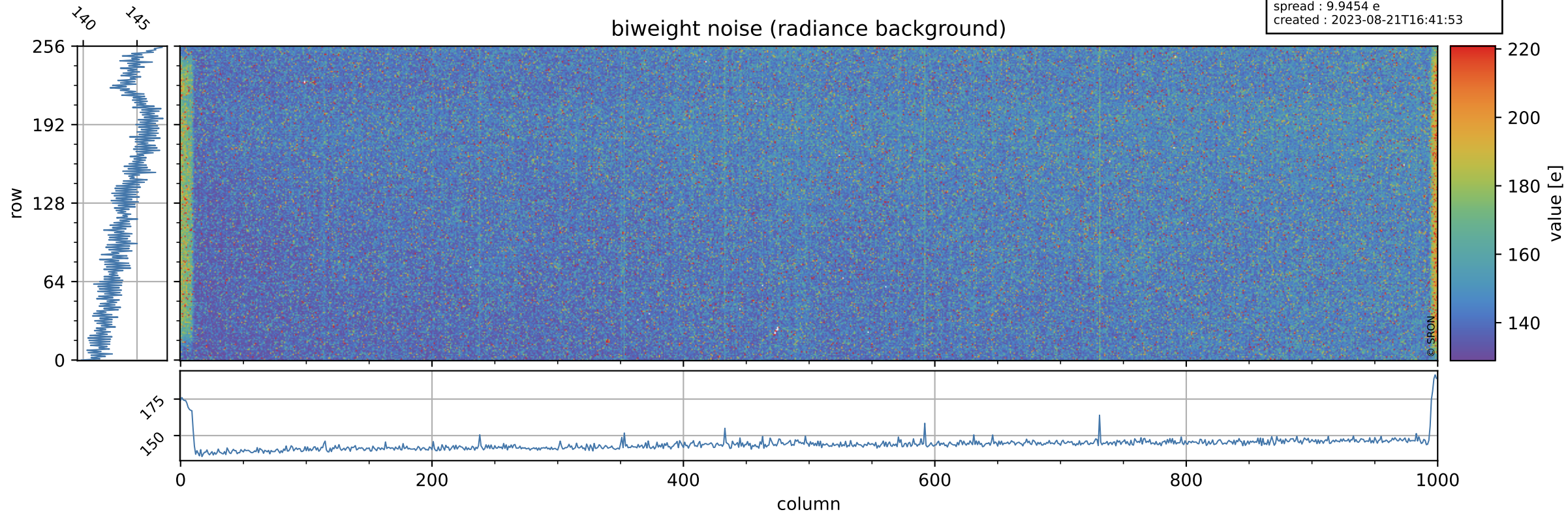




# Tropomi SWIR background noise (swir)

orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.89 e  
spread : 9.9454 e  
created : 2023-08-21T16:41:53

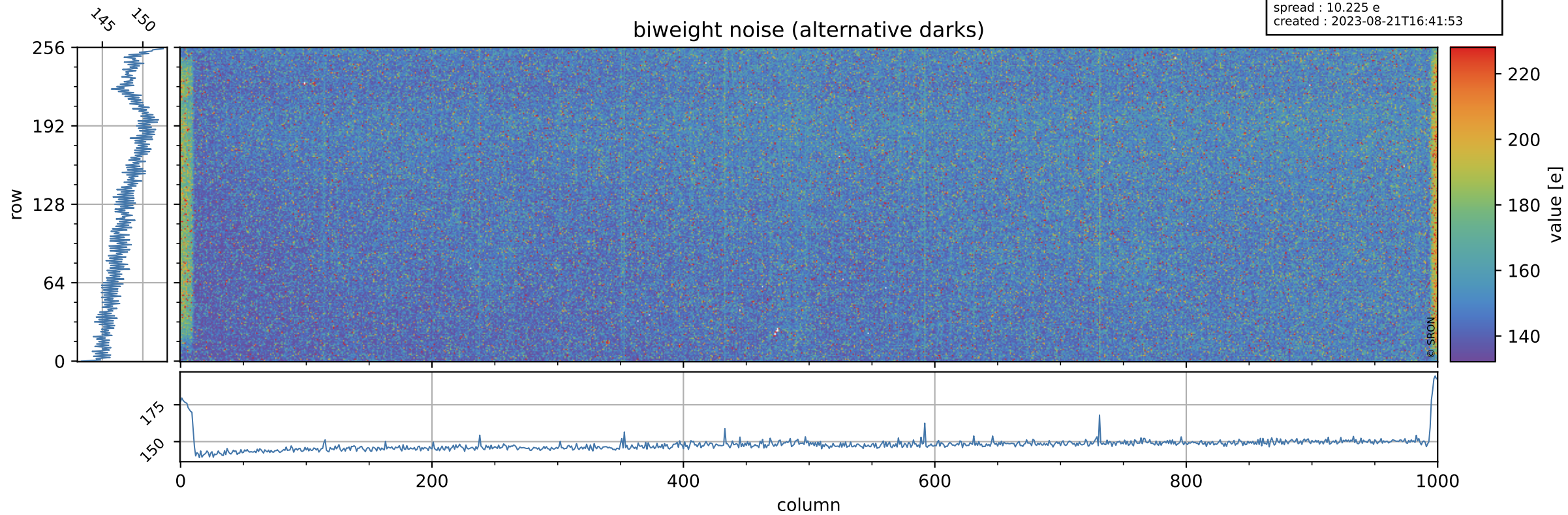
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.225 e  
created : 2023-08-21T16:41:53

## biweight noise (alternative darks)

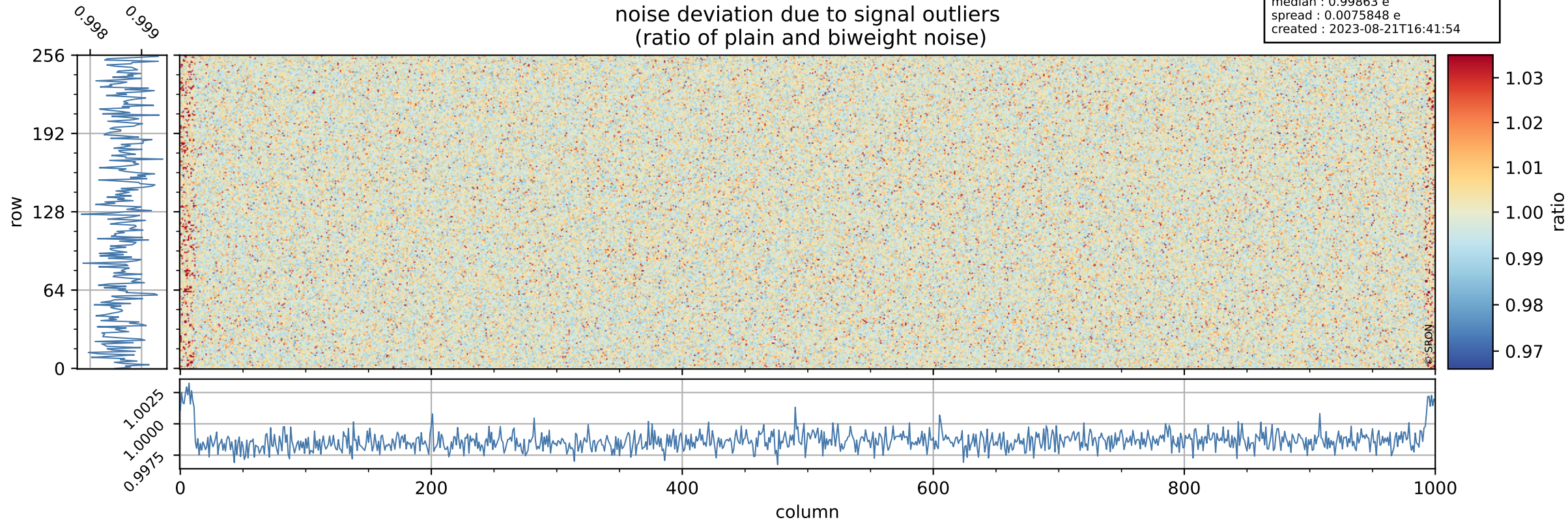




# Tropomi SWIR background noise (swir)

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

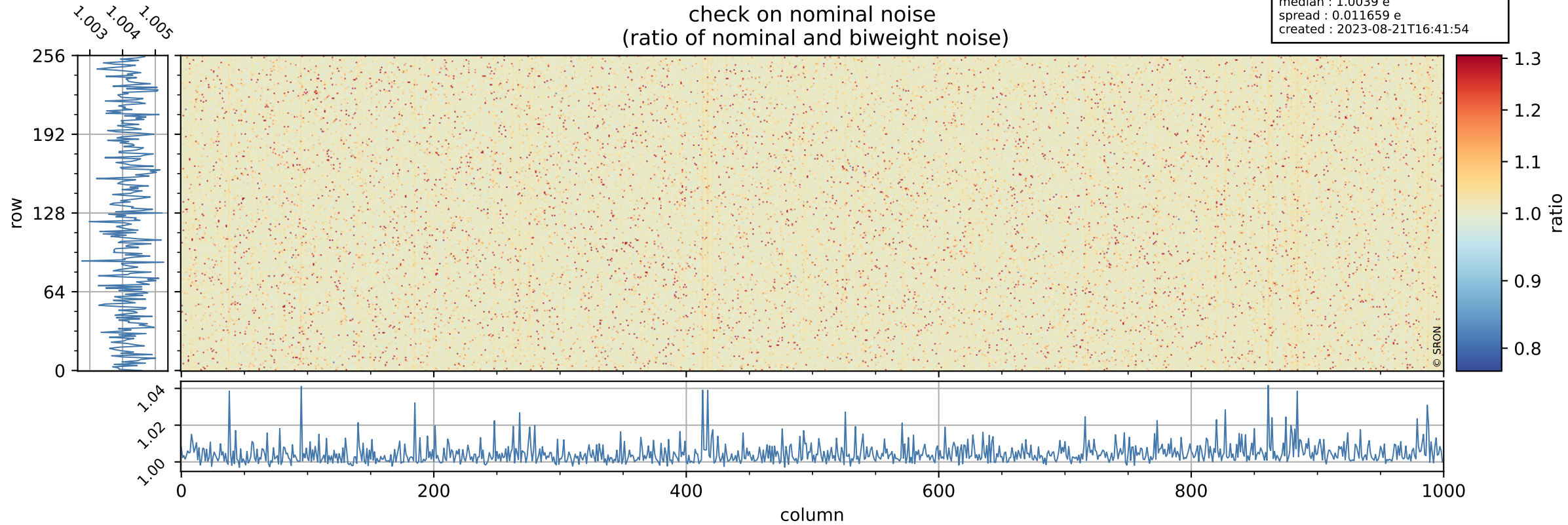
orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
median : 0.99863 e  
spread : 0.0075848 e  
created : 2023-08-21T16:41:54



# Tropomi SWIR background noise (swir)

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

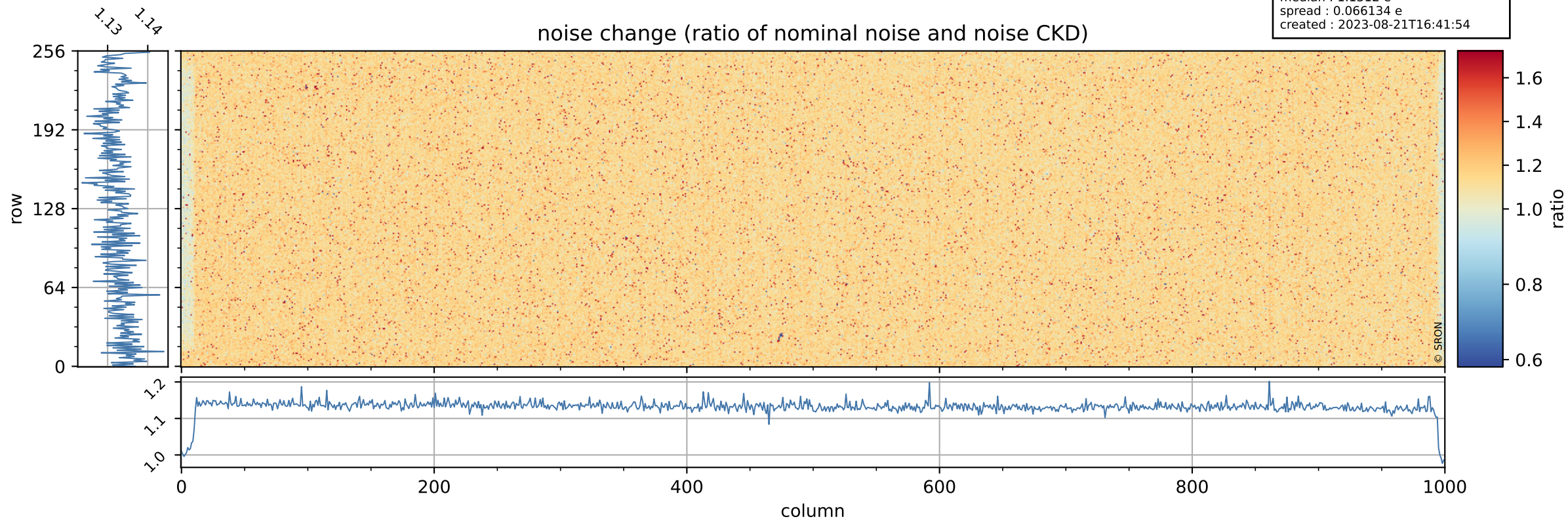
orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
median : 1.0039 e  
spread : 0.011659 e  
created : 2023-08-21T16:41:54





# Tropomi SWIR background noise (swir)

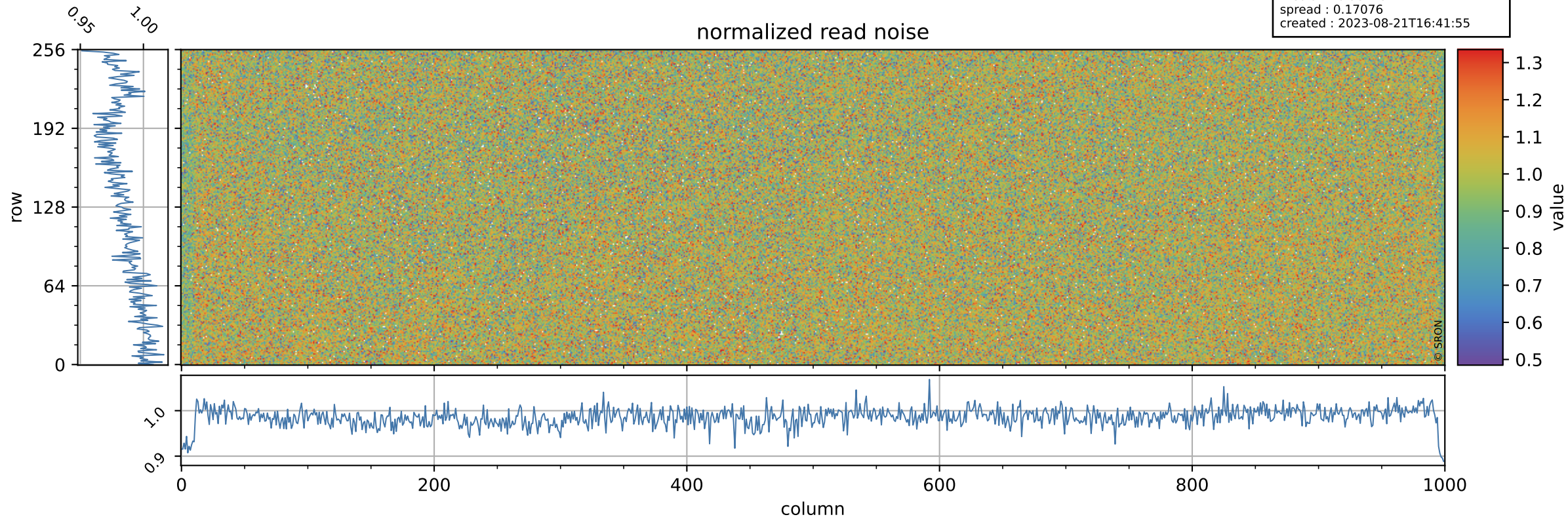
orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
median : 1.1312 e  
spread : 0.066134 e  
created : 2023-08-21T16:41:54





# Tropomi SWIR background noise (swir)

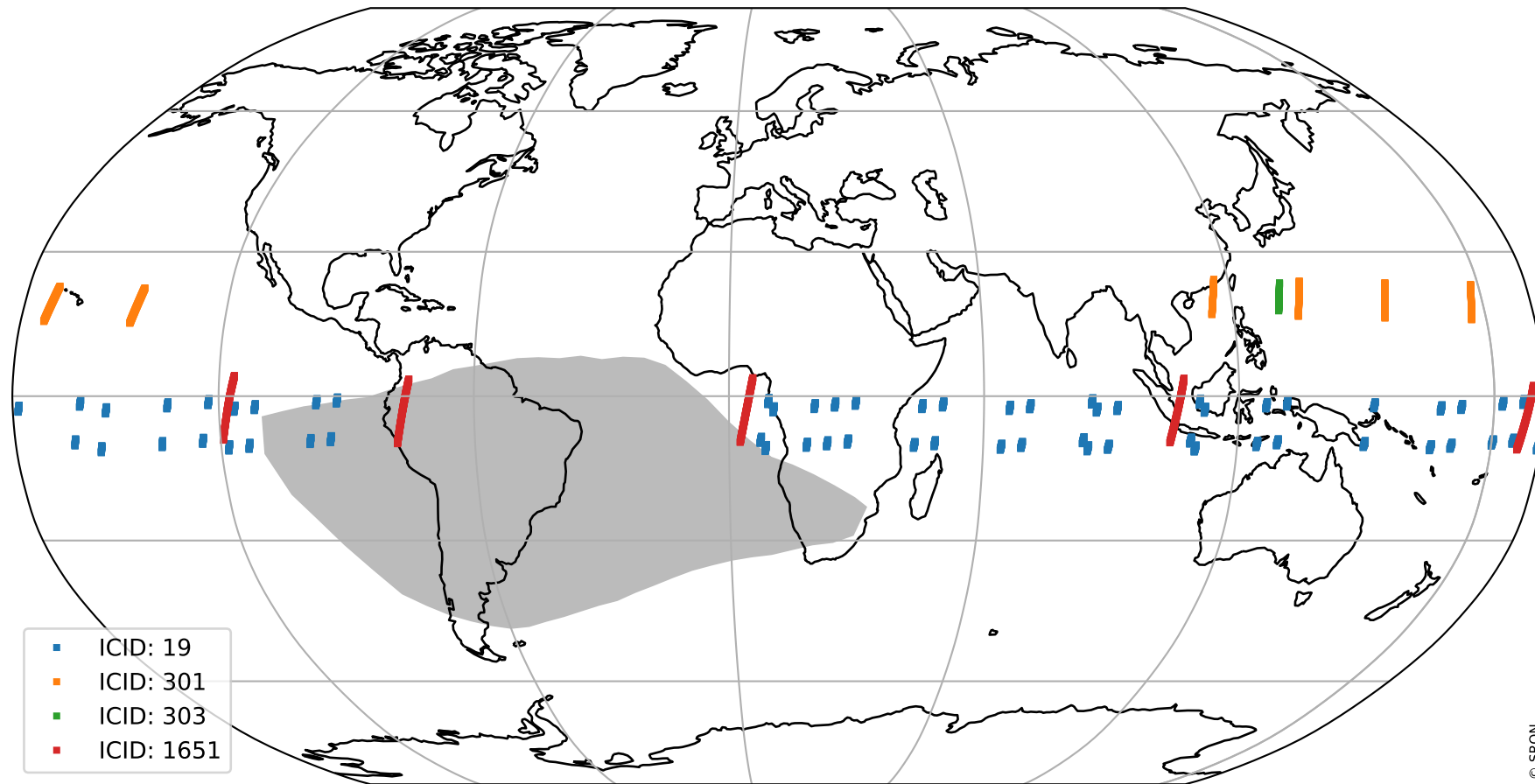
orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
median : 0.98449  
spread : 0.17076  
created : 2023-08-21T16:41:55





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

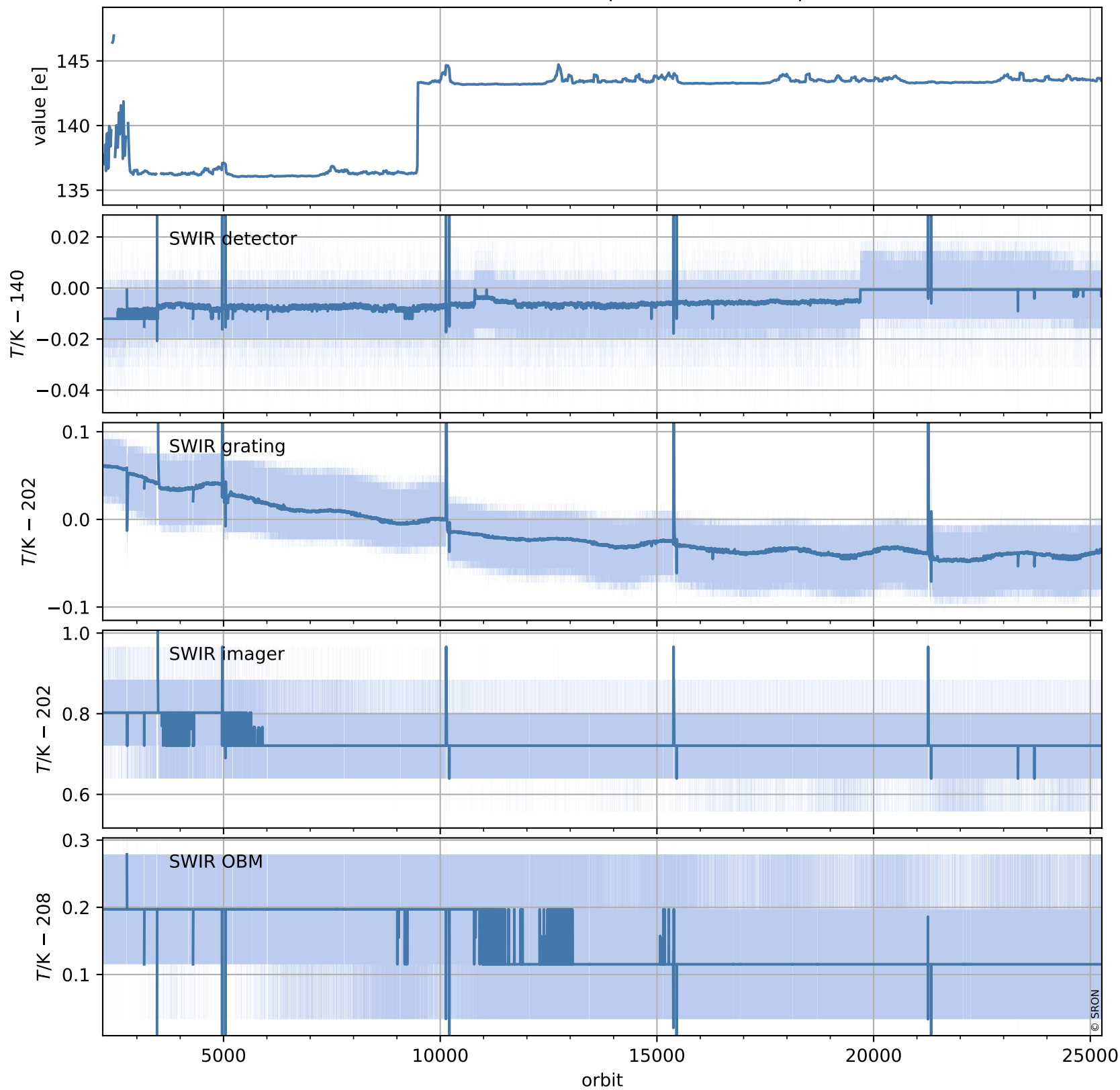
orbits : 12 in [25177, 25267]  
coverage : 2022-08-23 / 2022-08-29  
created : 2023-08-21T16:41:55



# Tropomi SWIR background noise (swir)

orbits : [2212, 25267]  
coverage : 2018-03-18 / 2022-08-29  
created : 2023-08-21T16:41:55

## trend of detector median of plain noise & temperatures

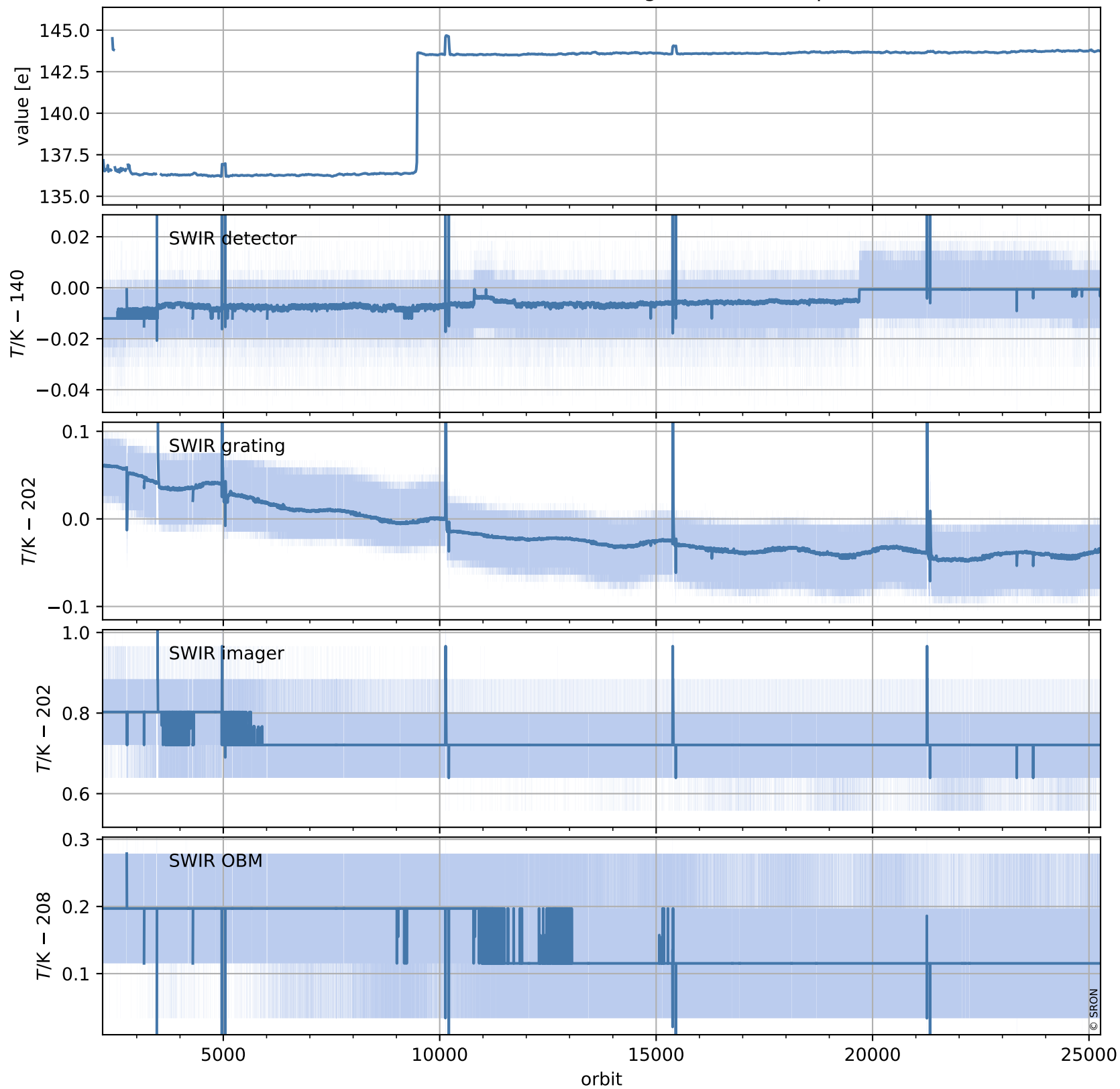




# Tropomi SWIR background noise (swir)

orbits : [2212, 25267]  
coverage : 2018-03-18 / 2022-08-29  
created : 2023-08-21T16:41:56

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25267]  
coverage : 2018-03-18 / 2022-08-29  
created : 2023-08-21T16:41:57

## trend of normalized read-noise & temperatures

