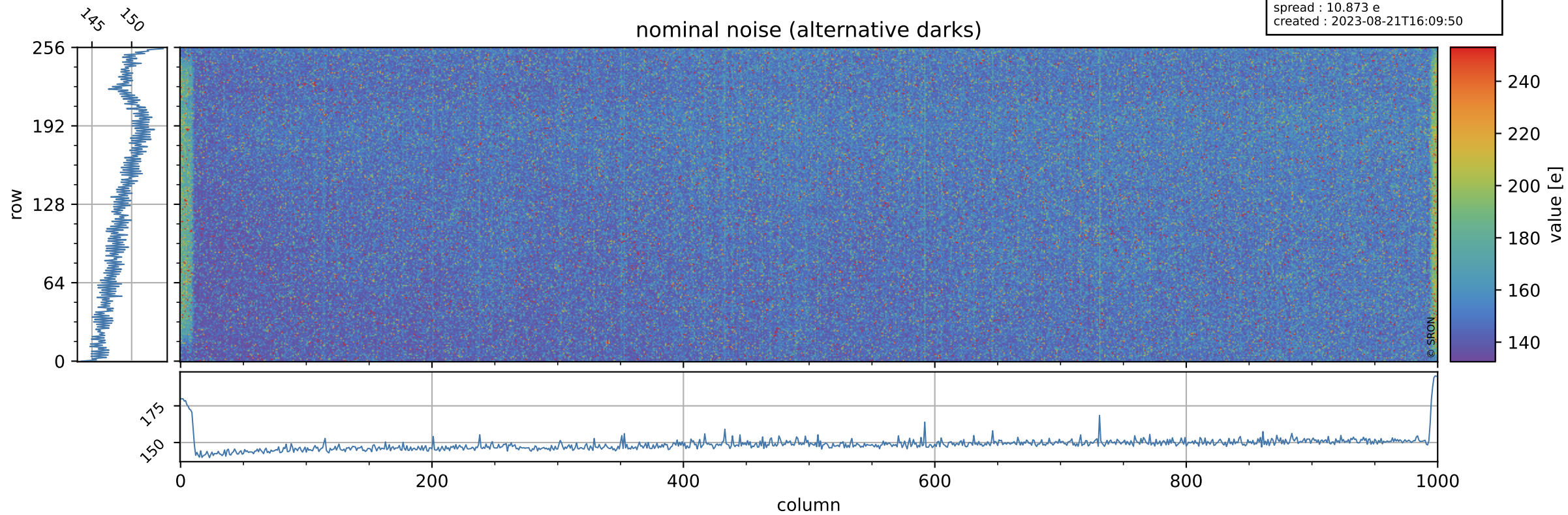


# Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.7 e  
spread : 10.873 e  
created : 2023-08-21T16:09:50

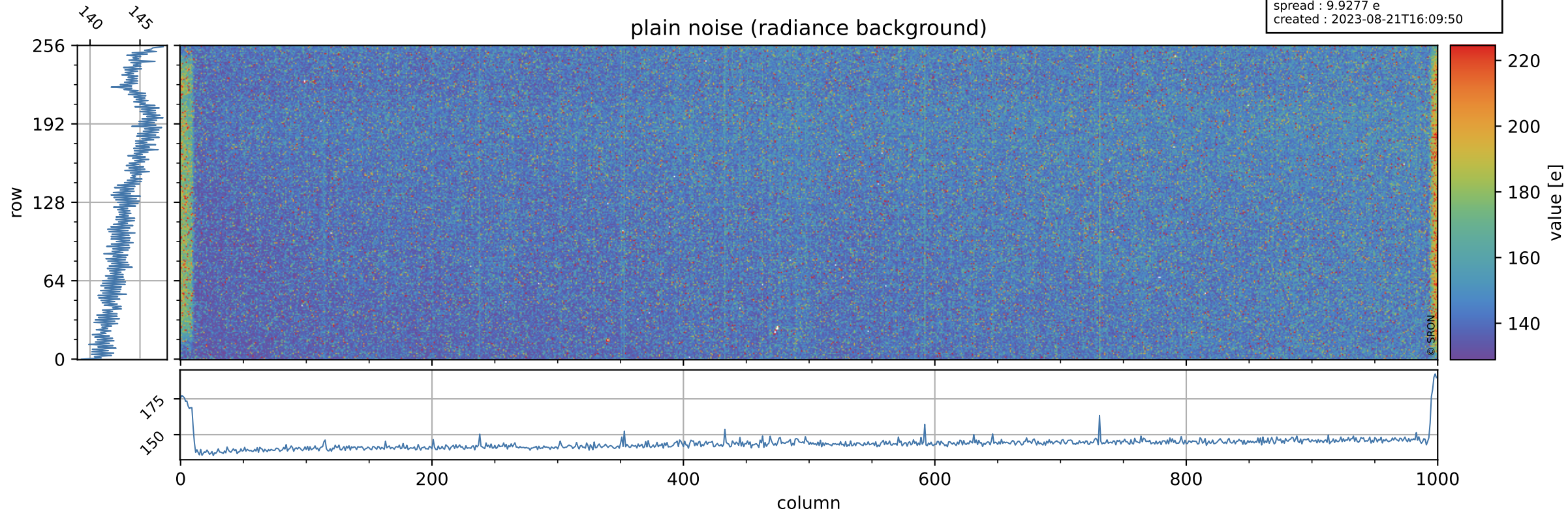
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.64 e  
spread : 9.9277 e  
created : 2023-08-21T16:09:50

plain noise (radiance background)

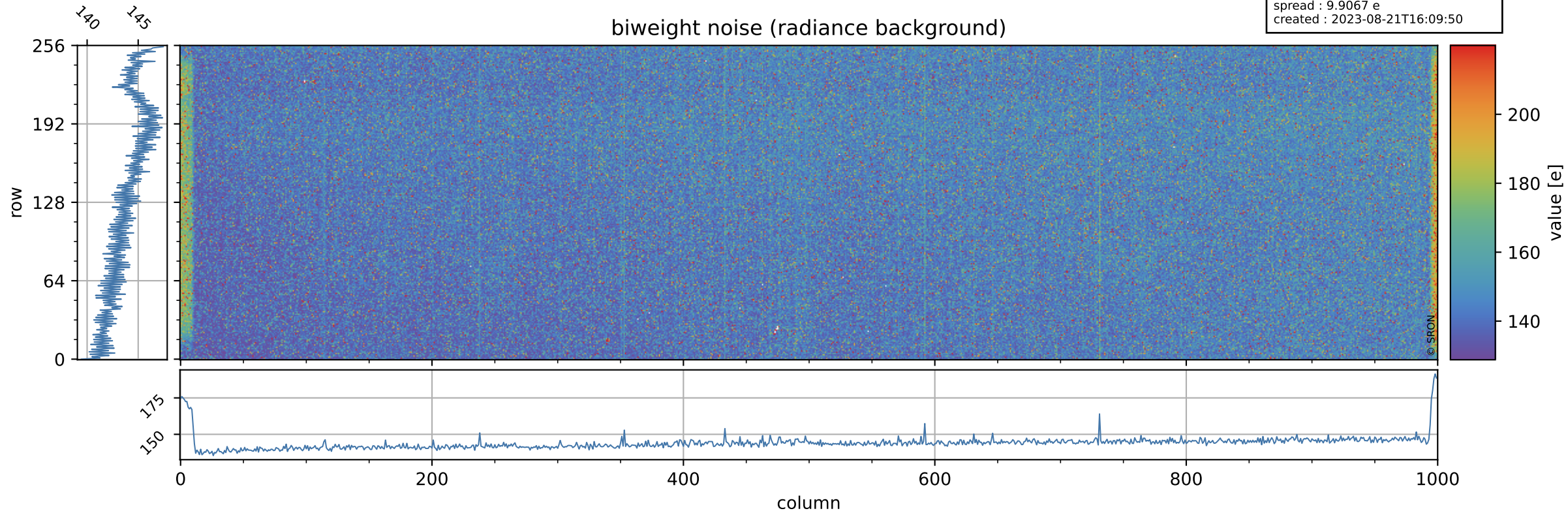




# Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 9.9067 e  
created : 2023-08-21T16:09:50

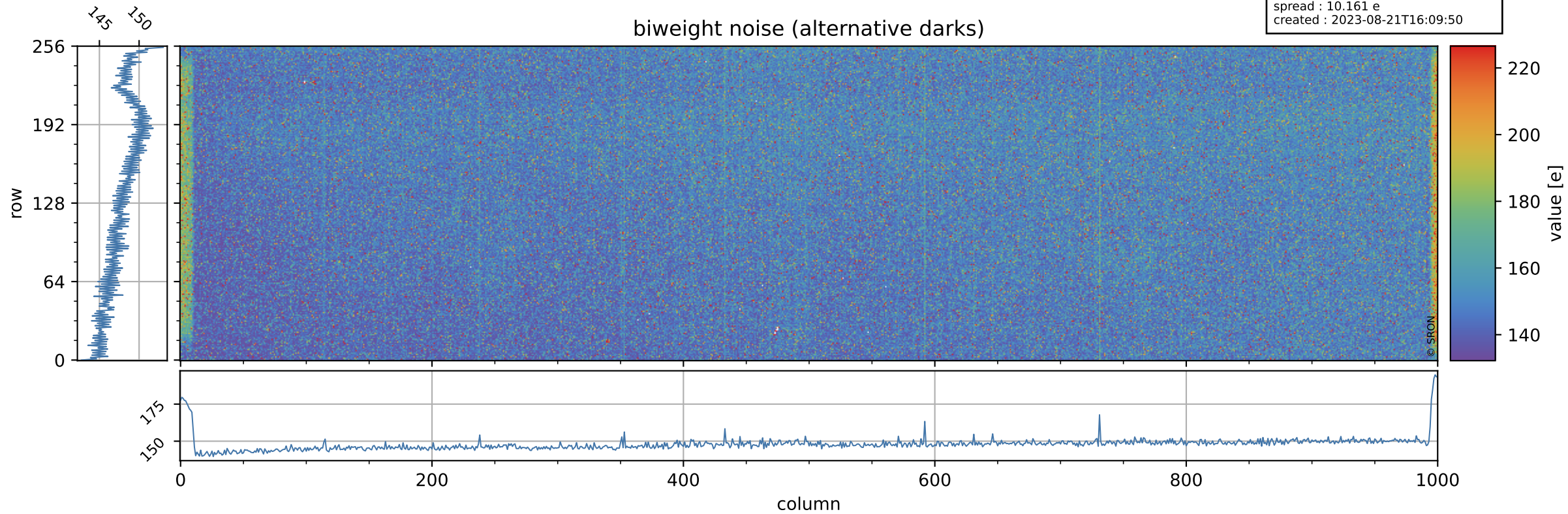
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.76 e  
spread : 10.161 e  
created : 2023-08-21T16:09:50

## biweight noise (alternative darks)

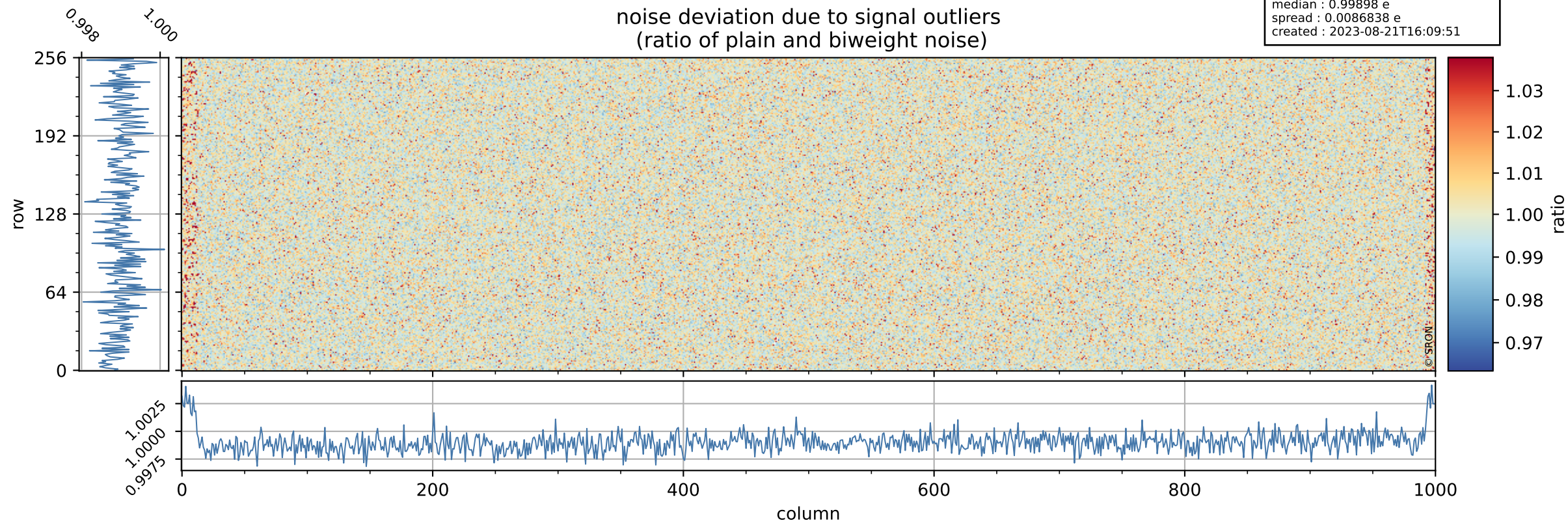




# Tropomi SWIR background noise (swir)

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

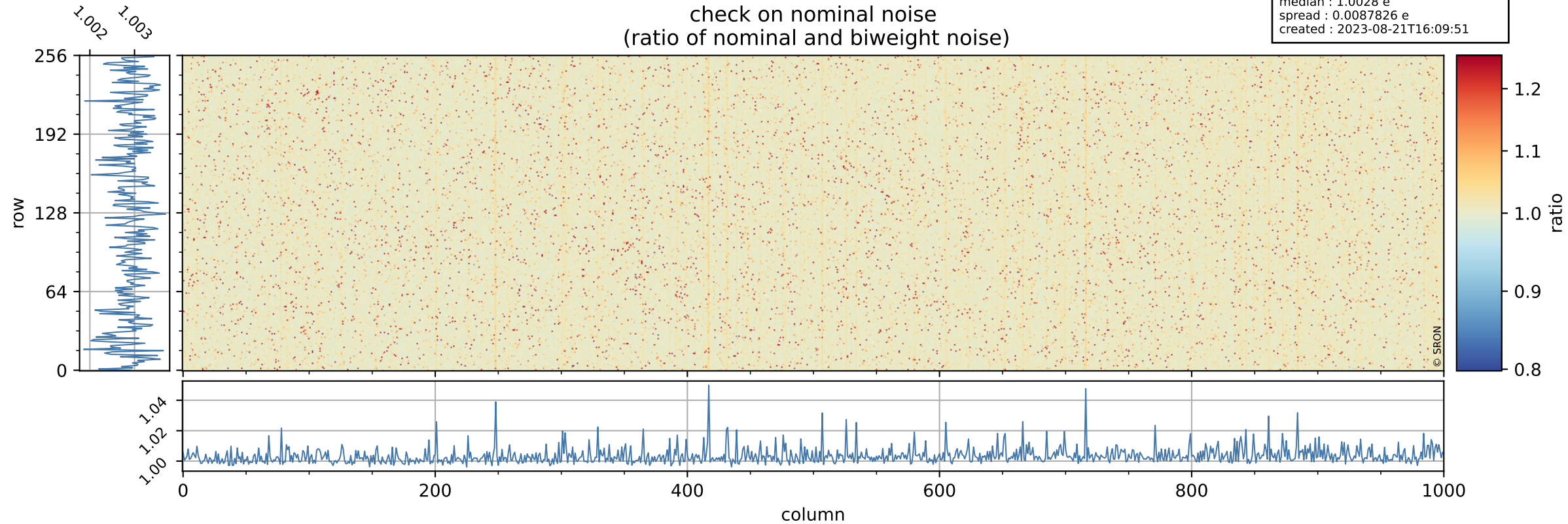
orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
median : 0.99898 e  
spread : 0.0086838 e  
created : 2023-08-21T16:09:51



# Tropomi SWIR background noise (swir)

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

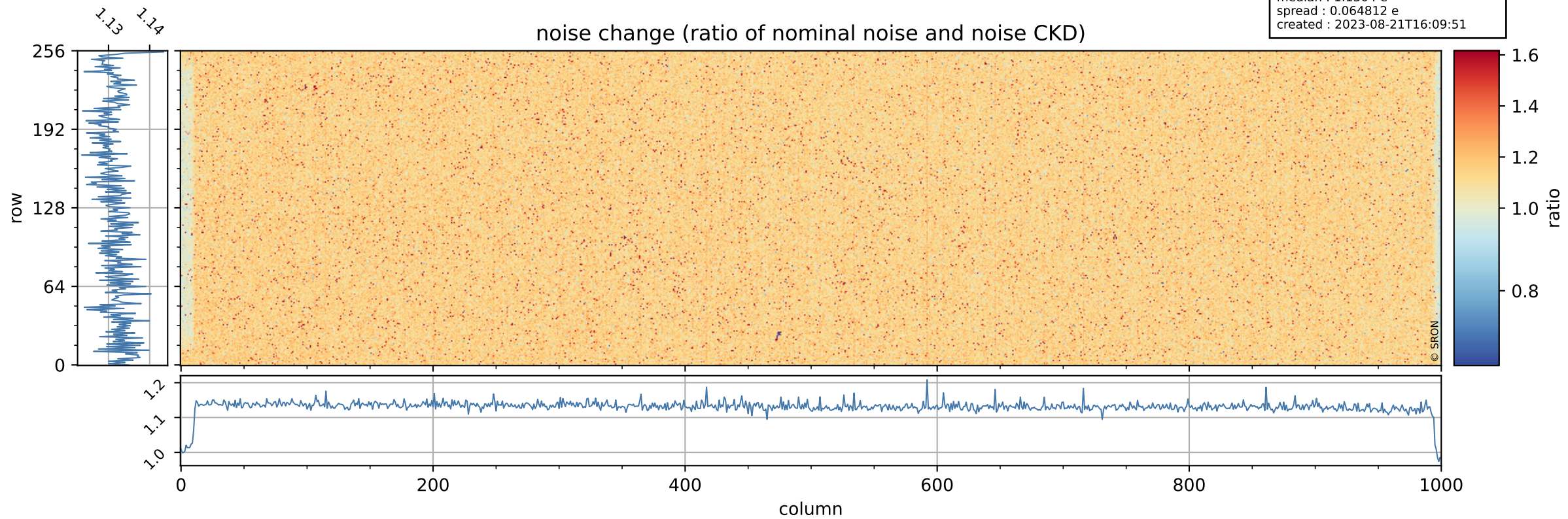
orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
median : 1.0028 e  
spread : 0.0087826 e  
created : 2023-08-21T16:09:51





# Tropomi SWIR background noise (swir)

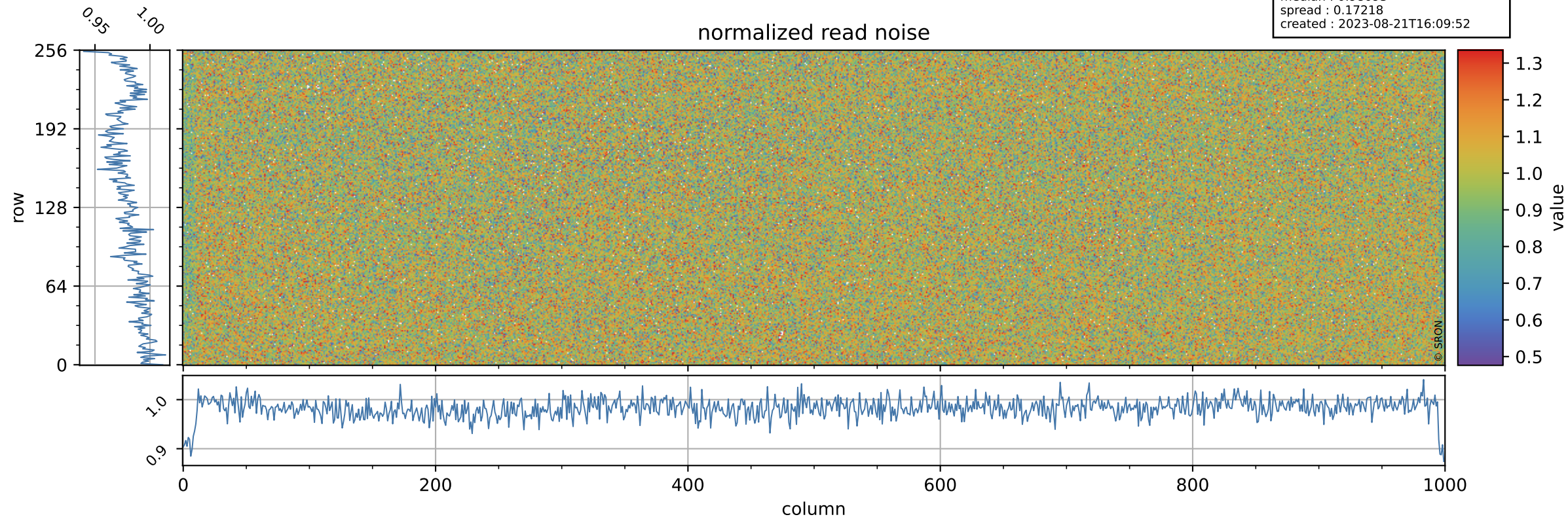
orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
median : 1.1304 e  
spread : 0.064812 e  
created : 2023-08-21T16:09:51





# Tropomi SWIR background noise (swir)

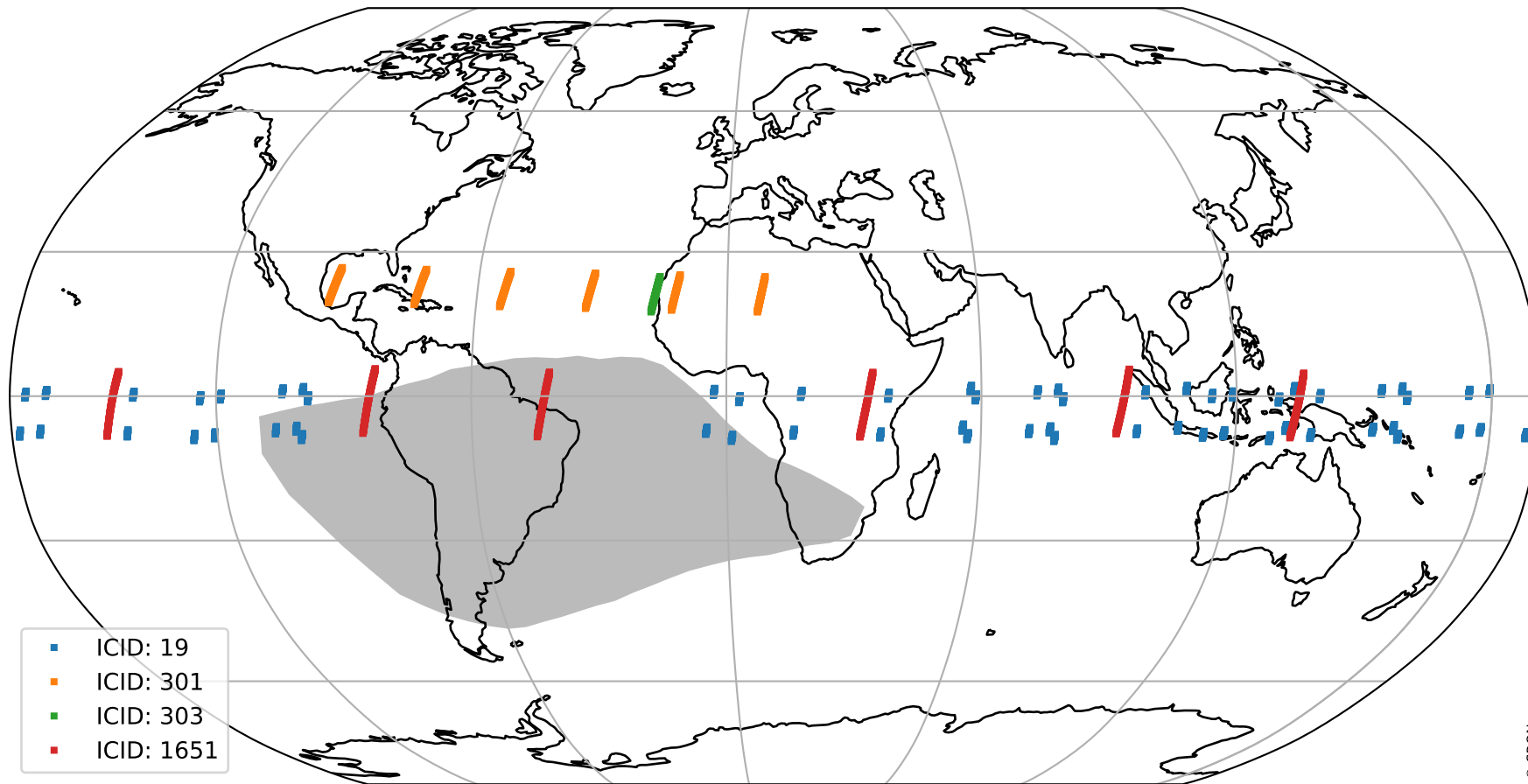
orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
median : 0.98093  
spread : 0.17218  
created : 2023-08-21T16:09:52





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

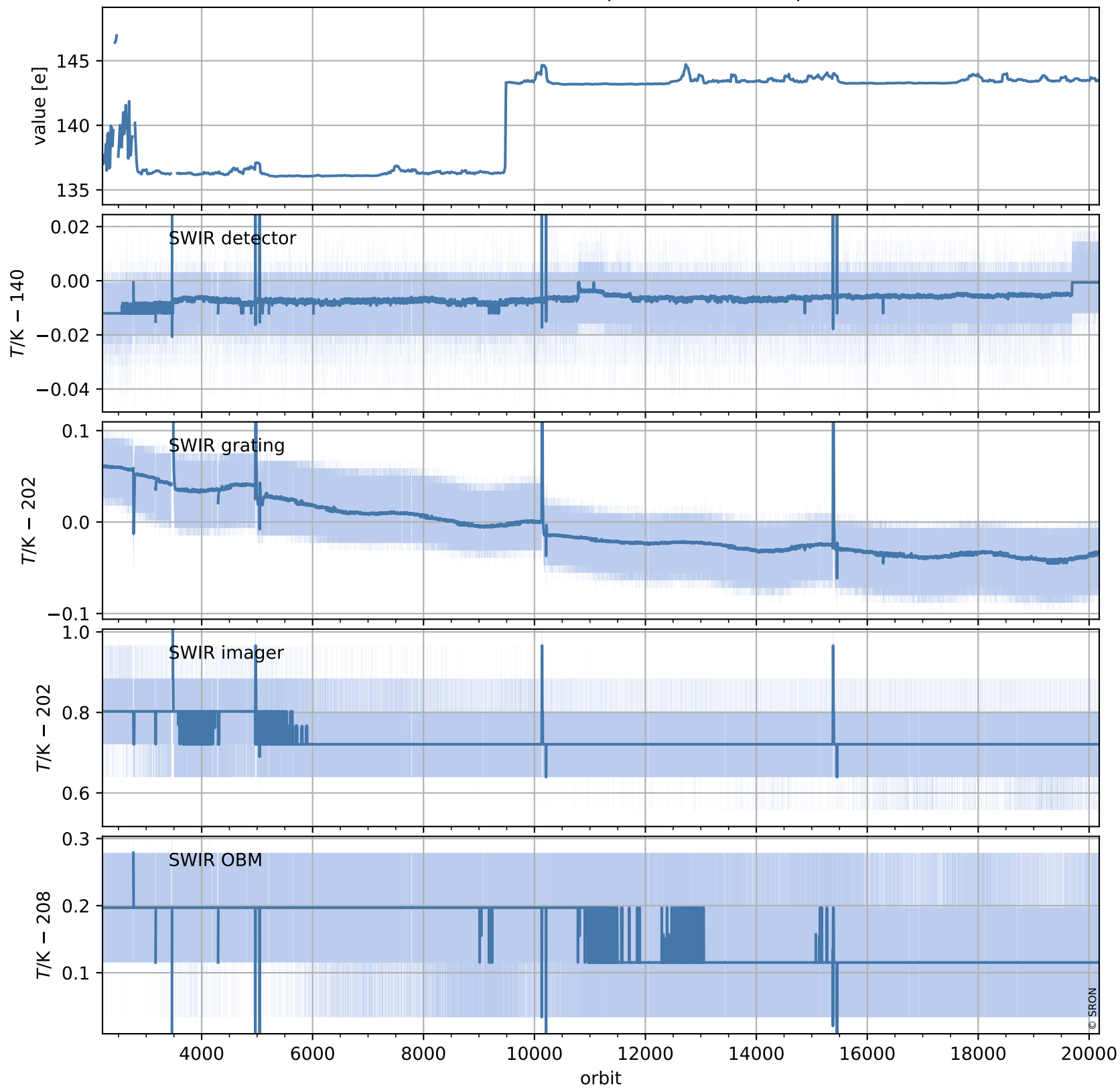
orbits : 13 in [20107, 20182]  
coverage : 2021-08-29 / 2021-09-04  
created : 2023-08-21T16:09:52



# Tropomi SWIR background noise (swir)

orbits : [2212, 20182]  
coverage : 2018-03-18 / 2021-09-04  
created : 2023-08-21T16:09:52

## trend of detector median of plain noise & temperatures

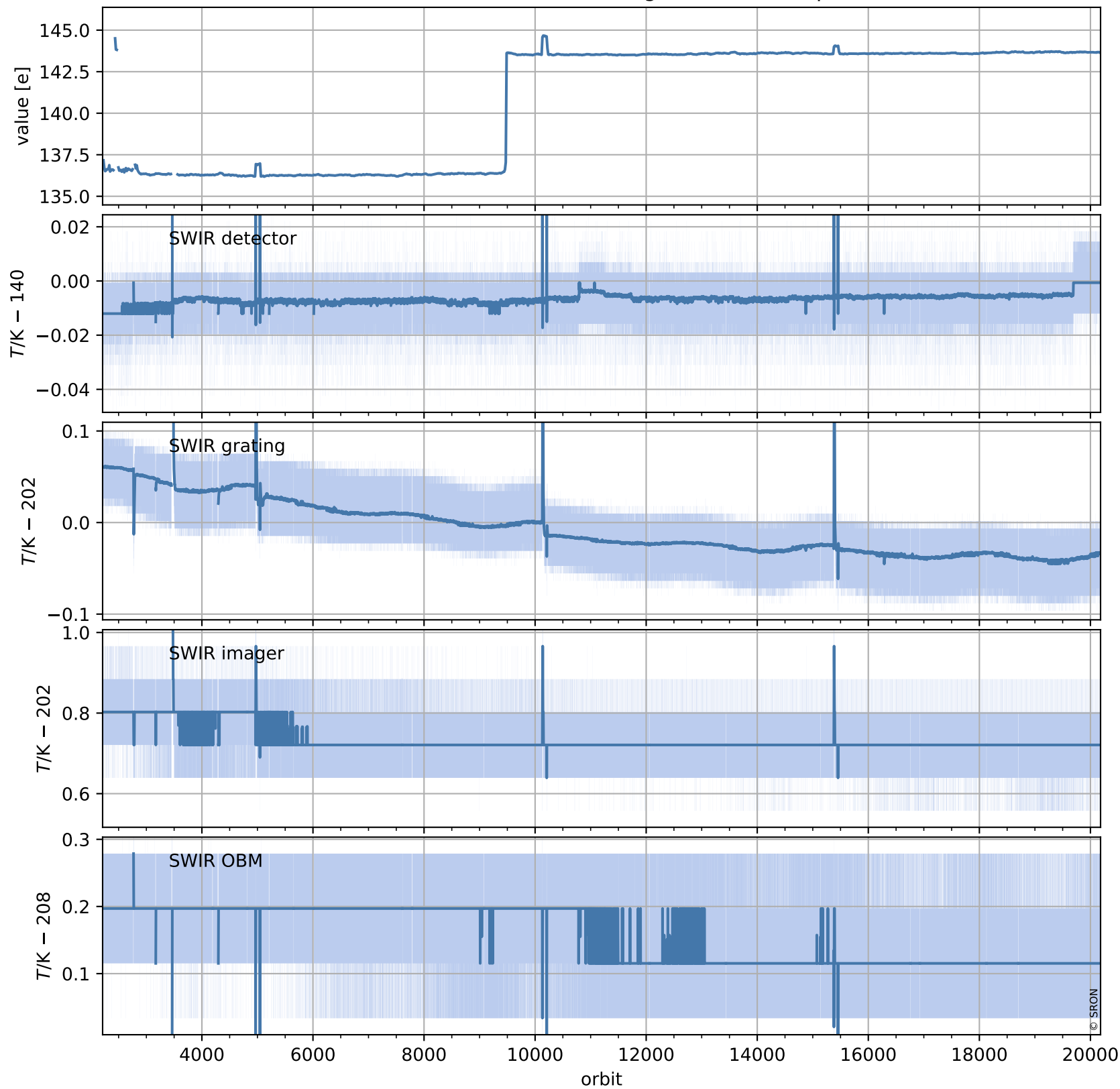




# Tropomi SWIR background noise (swir)

orbits : [2212, 20182]  
coverage : 2018-03-18 / 2021-09-04  
created : 2023-08-21T16:09:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20182]  
coverage : 2018-03-18 / 2021-09-04  
created : 2023-08-21T16:09:54

## trend of normalized read-noise & temperatures

