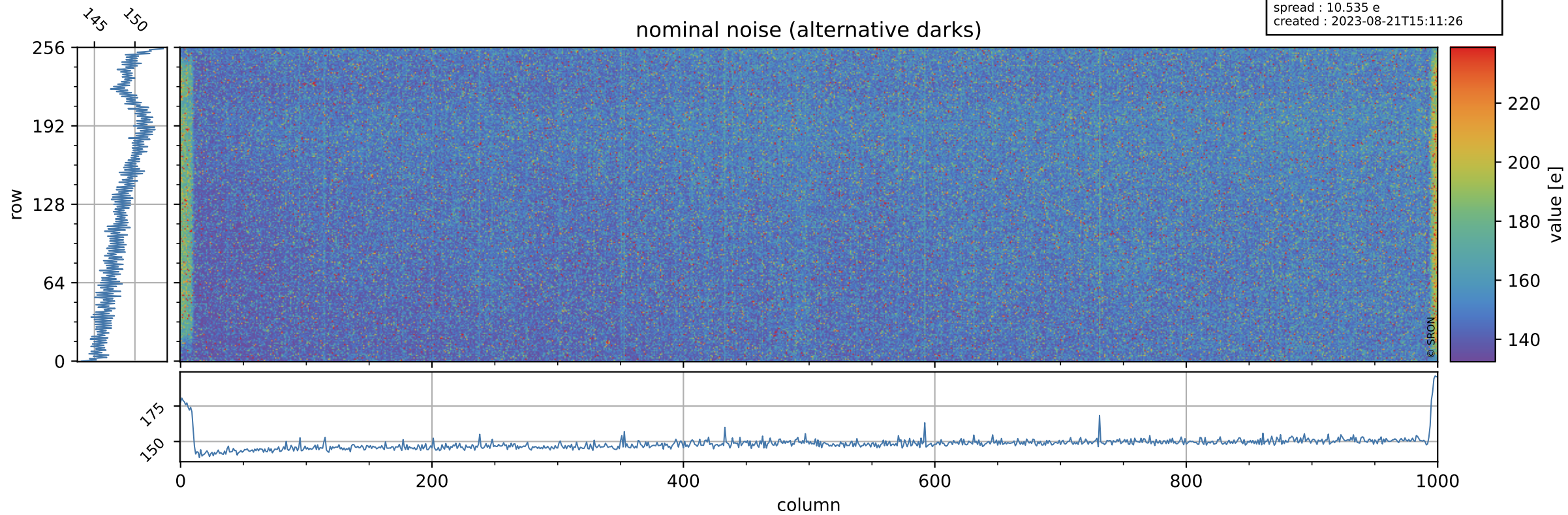


# Tropomi SWIR background noise (swir)

orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.38 e  
spread : 10.535 e  
created : 2023-08-21T15:11:26

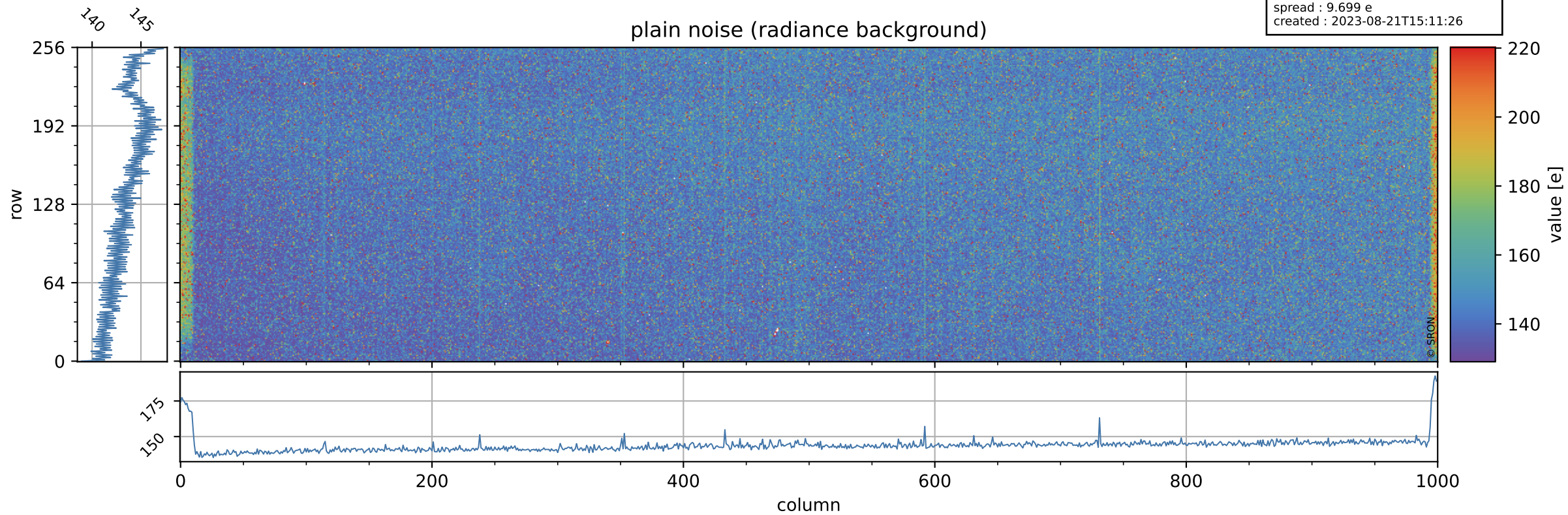
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.39 e  
spread : 9.699 e  
created : 2023-08-21T15:11:26

## plain noise (radiance background)

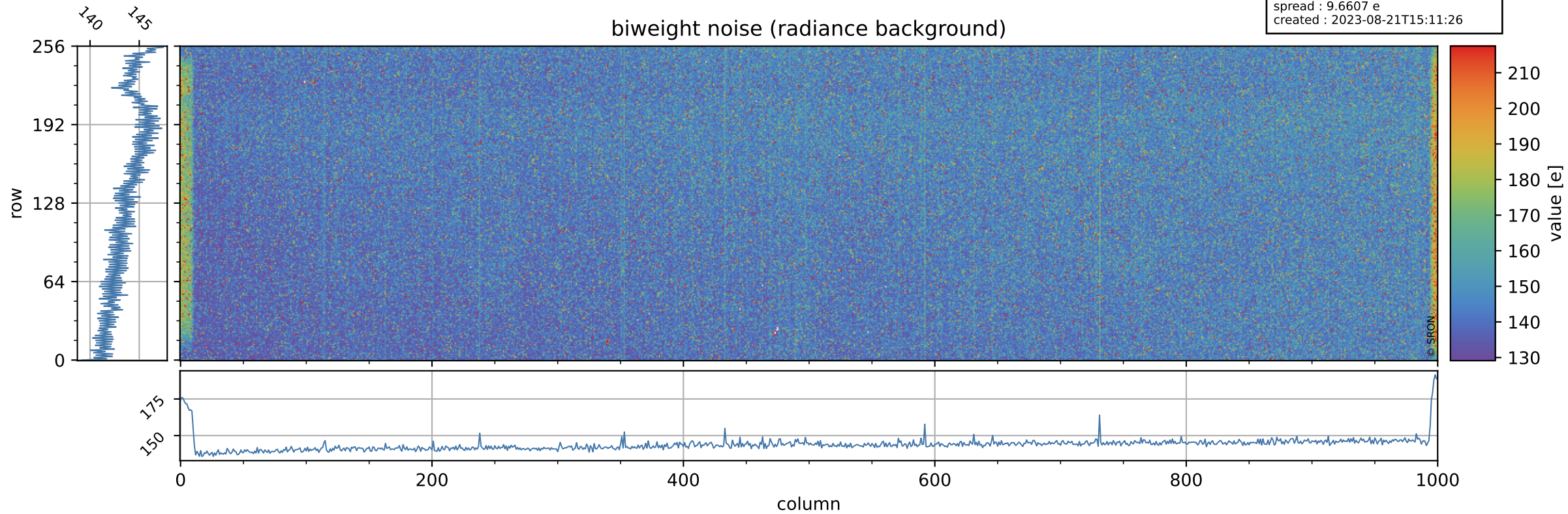




# Tropomi SWIR background noise (swir)

orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.6607 e  
created : 2023-08-21T15:11:26

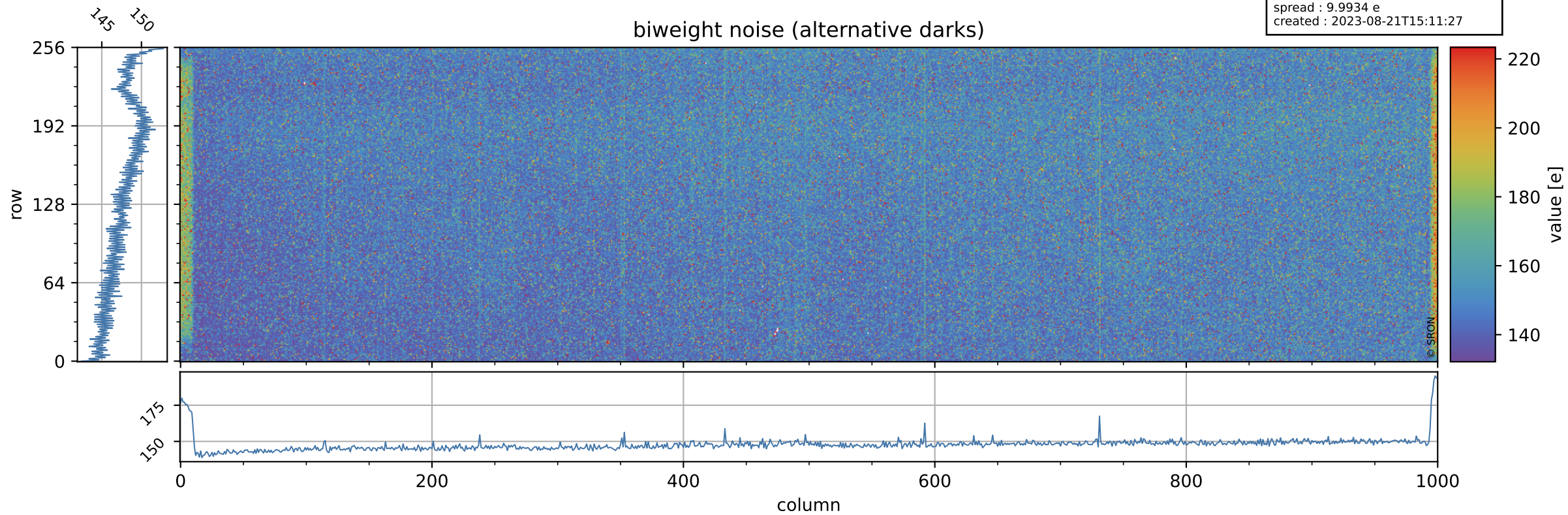
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.57 e  
spread : 9.9934 e  
created : 2023-08-21T15:11:27

## biweight noise (alternative darks)

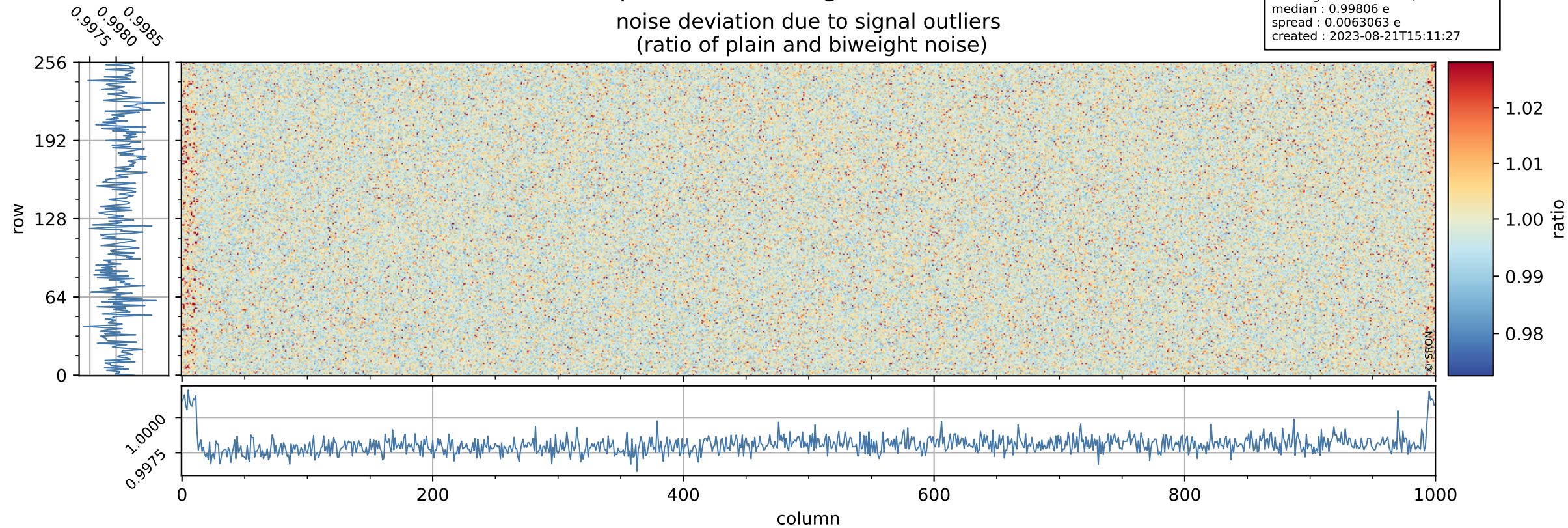




# Tropomi SWIR background noise (swir)

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

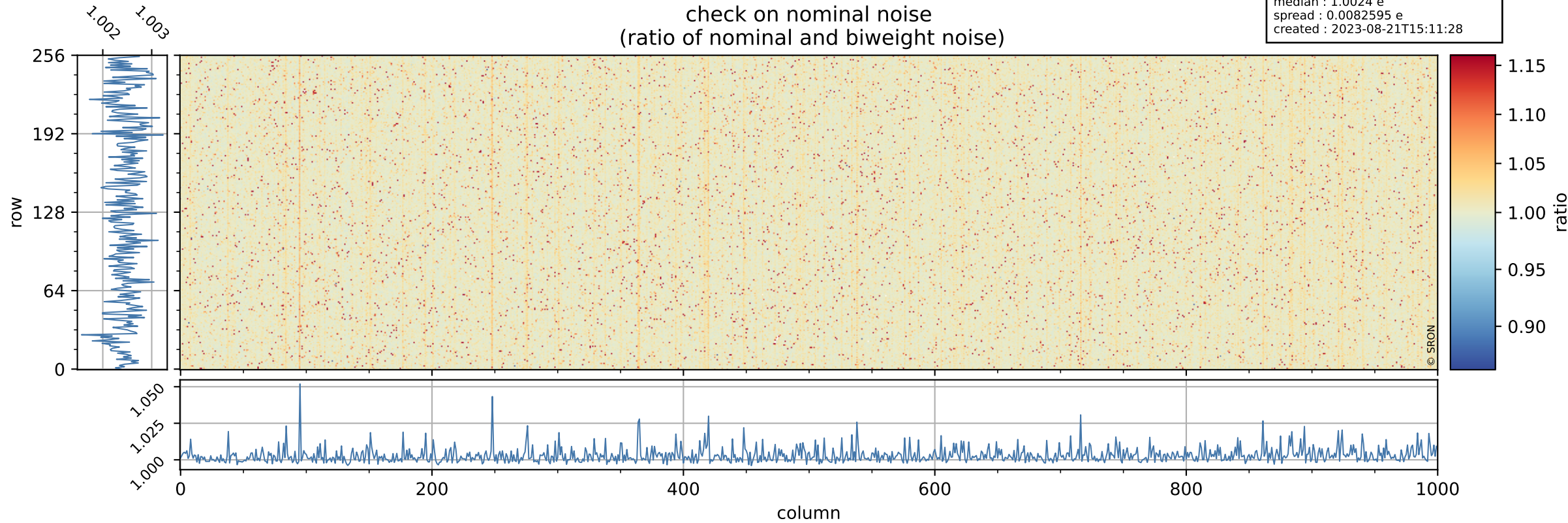
orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
median : 0.99806 e  
spread : 0.0063063 e  
created : 2023-08-21T15:11:27



# Tropomi SWIR background noise (swir)

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

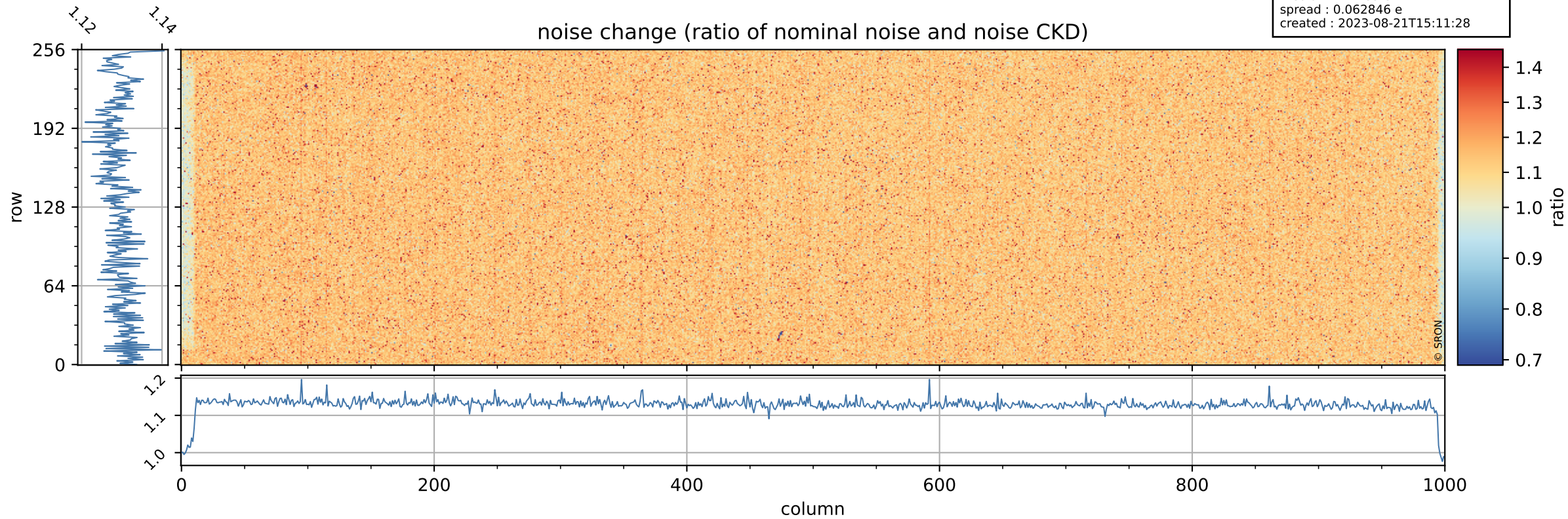
orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
median : 1.0024 e  
spread : 0.0082595 e  
created : 2023-08-21T15:11:28





# Tropomi SWIR background noise (swir)

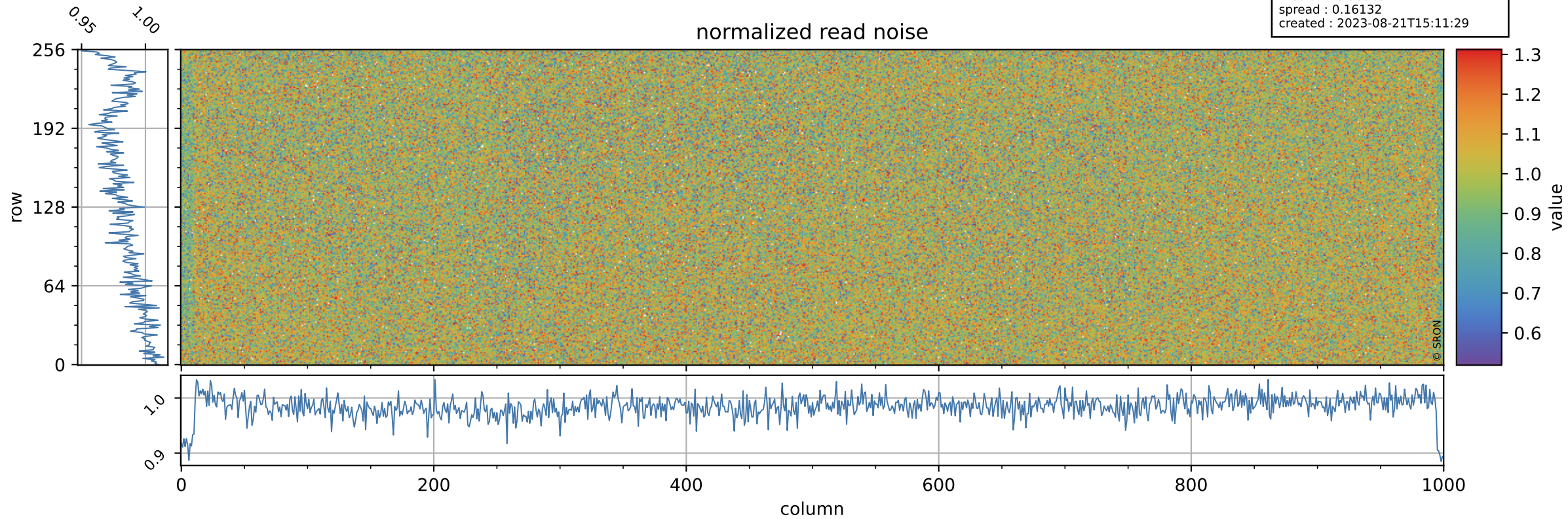
orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
median : 1.1289 e  
spread : 0.062846 e  
created : 2023-08-21T15:11:28





# Tropomi SWIR background noise (swir)

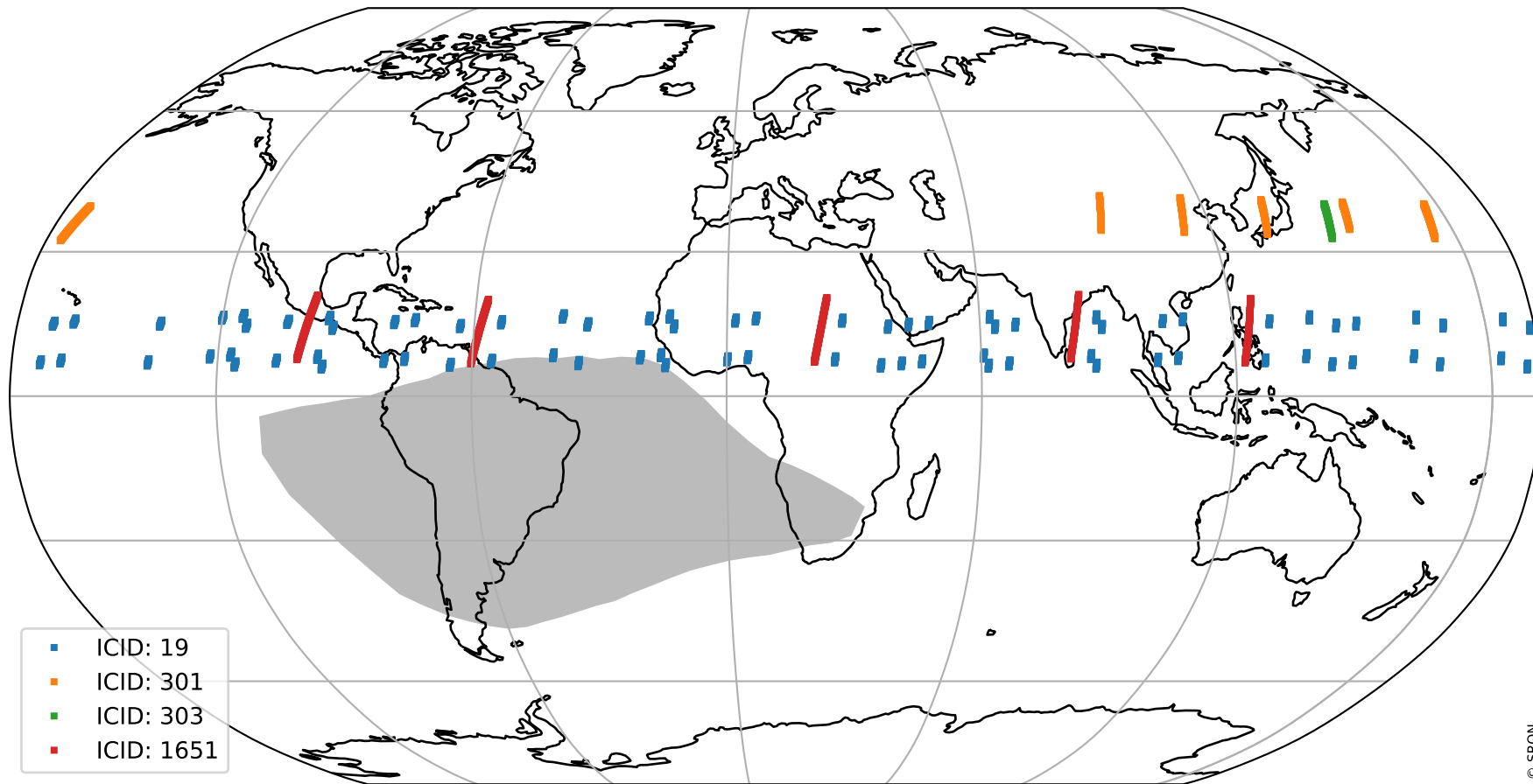
orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
median : 0.98369  
spread : 0.16132  
created : 2023-08-21T15:11:29





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

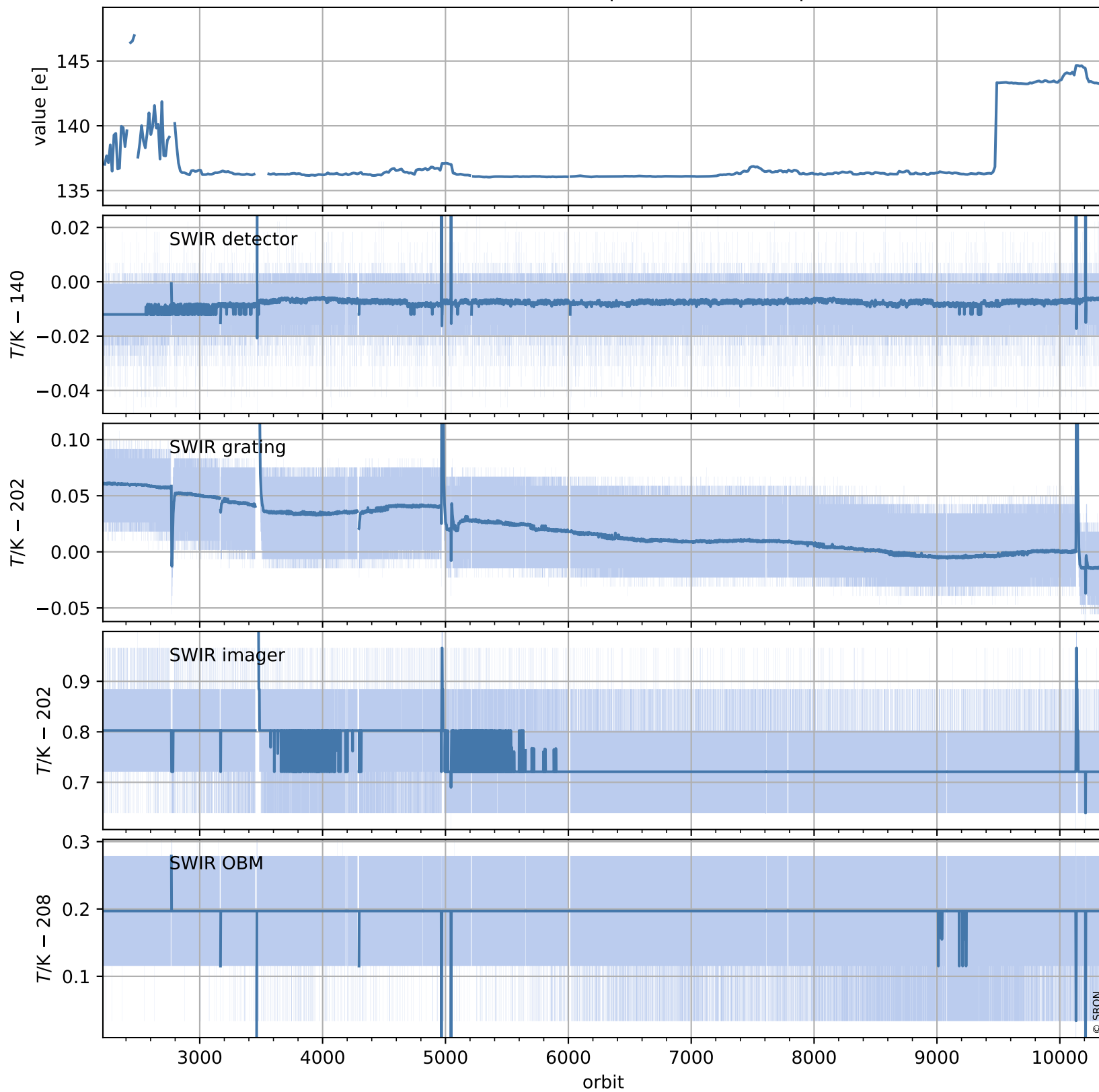
orbits : 12 in [10282, 10357]  
coverage : 2019-10-07 / 2019-10-12  
created : 2023-08-21T15:11:29



# Tropomi SWIR background noise (swir)

orbits : [2212, 10357]  
coverage : 2018-03-18 / 2019-10-12  
created : 2023-08-21T15:11:29

## trend of detector median of plain noise & temperatures

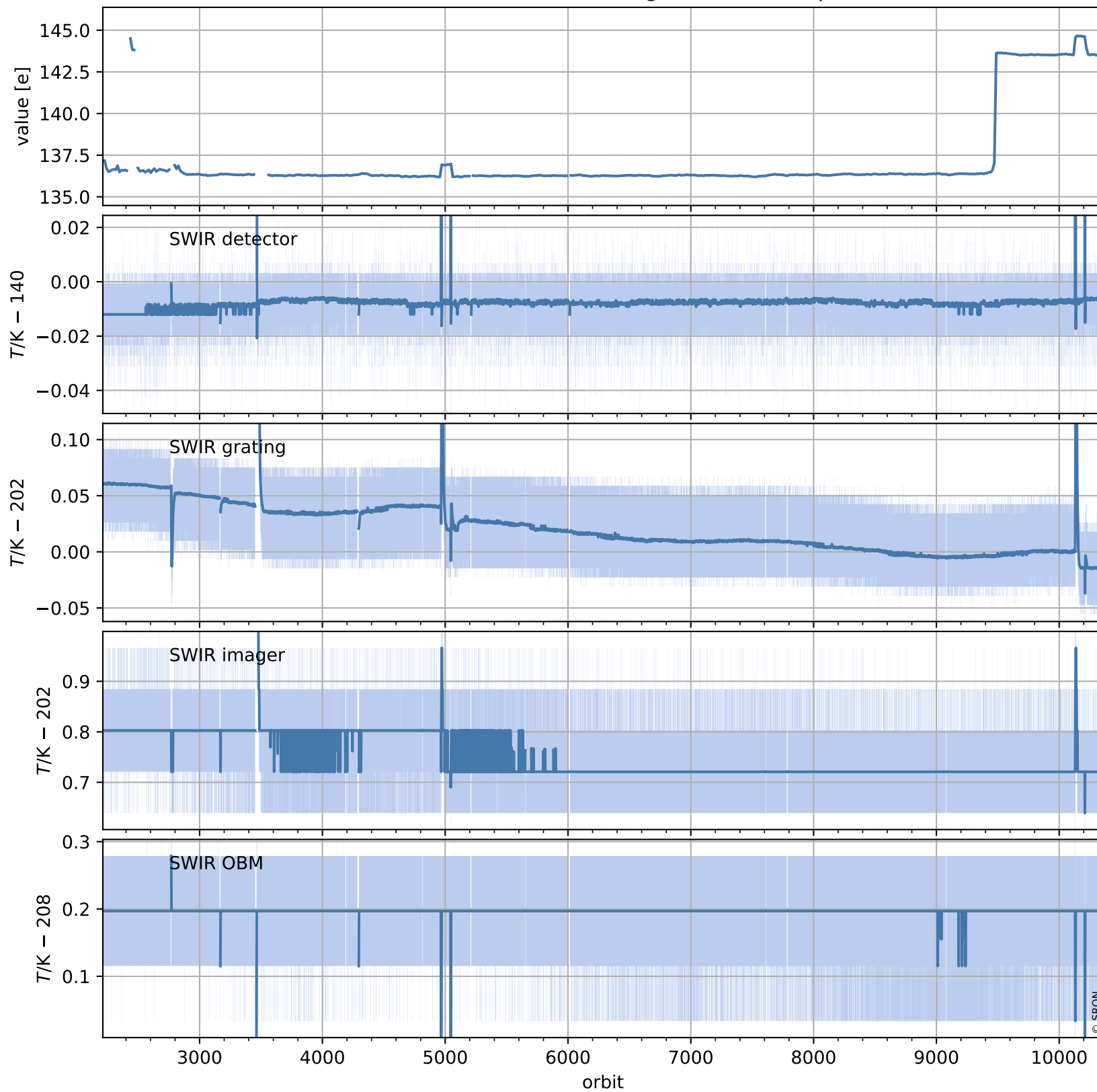




# Tropomi SWIR background noise (swir)

orbits : [2212, 10357]  
coverage : 2018-03-18 / 2019-10-12  
created : 2023-08-21T15:11:30

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10357]  
coverage : 2018-03-18 / 2019-10-12  
created : 2023-08-21T15:11:31

## trend of normalized read-noise & temperatures

