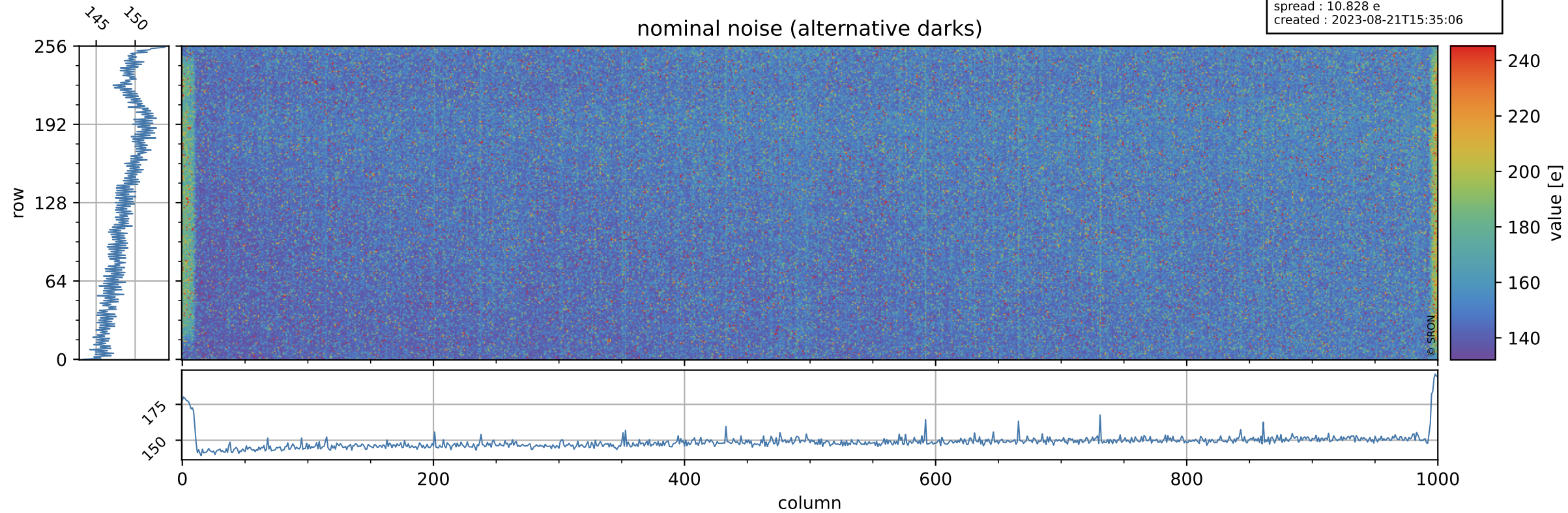


# Tropomi SWIR background noise (swir)

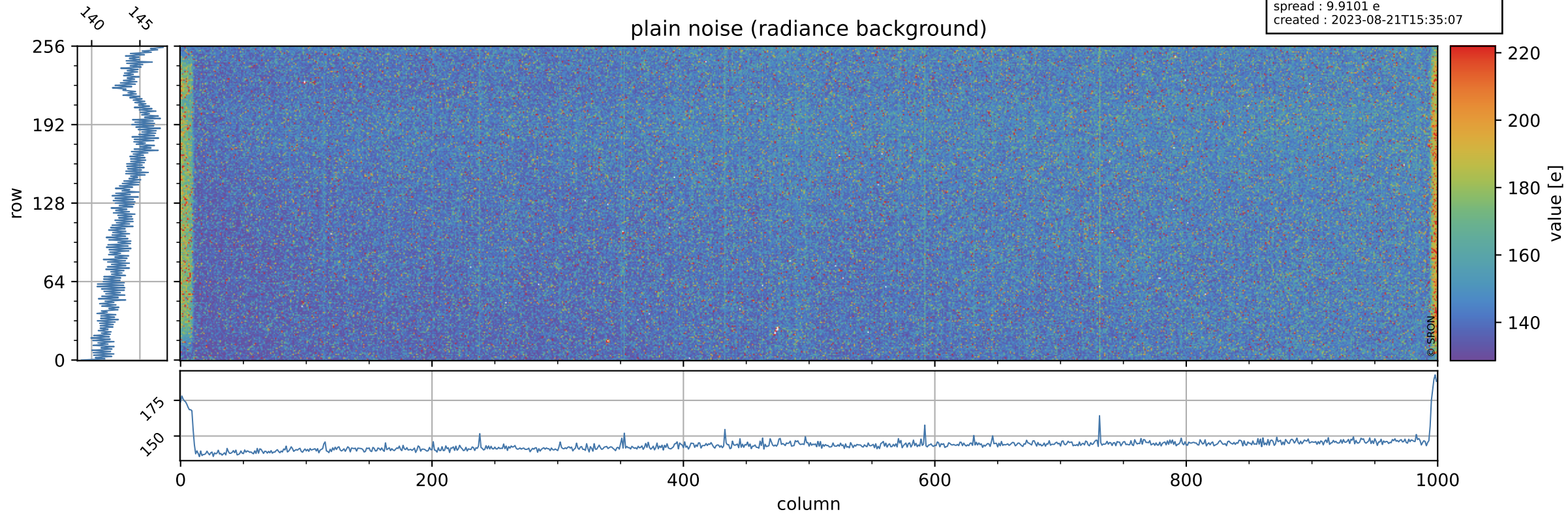
orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
n\_coad, t\_exp : 1, 1.0783  
median : 148.57 e  
spread : 10.828 e  
created : 2023-08-21T15:35:06



# Tropomi SWIR background noise (swir)

orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.9101 e  
created : 2023-08-21T15:35:07

## plain noise (radiance background)

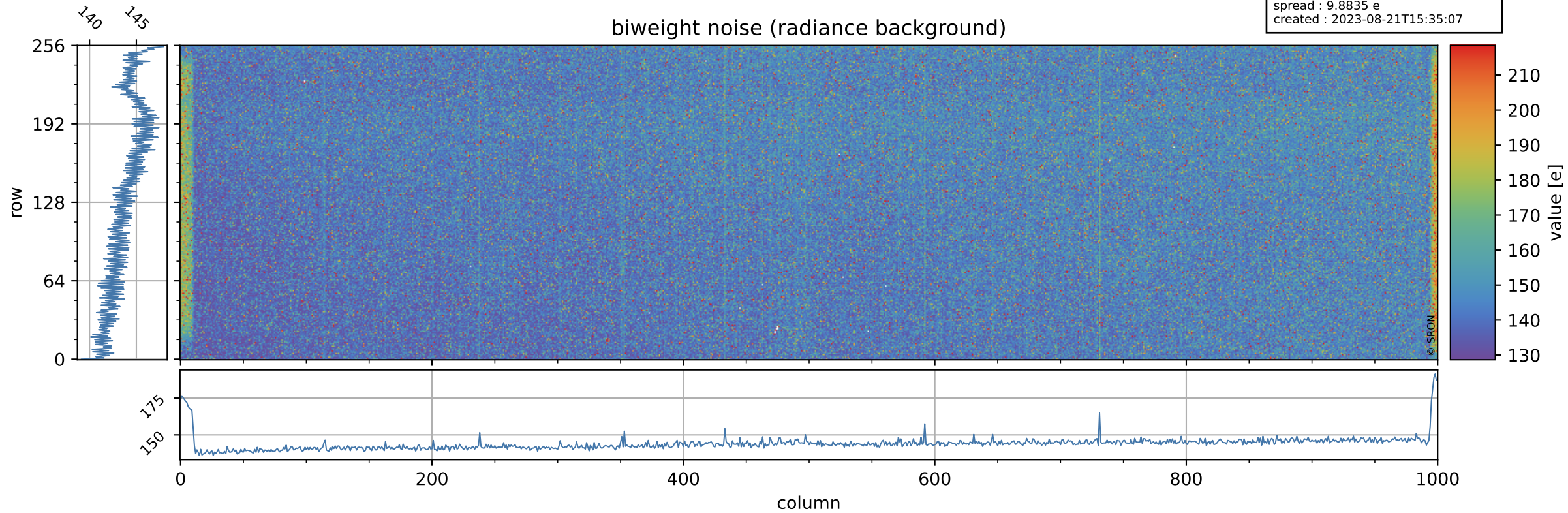




# Tropomi SWIR background noise (swir)

orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.8835 e  
created : 2023-08-21T15:35:07

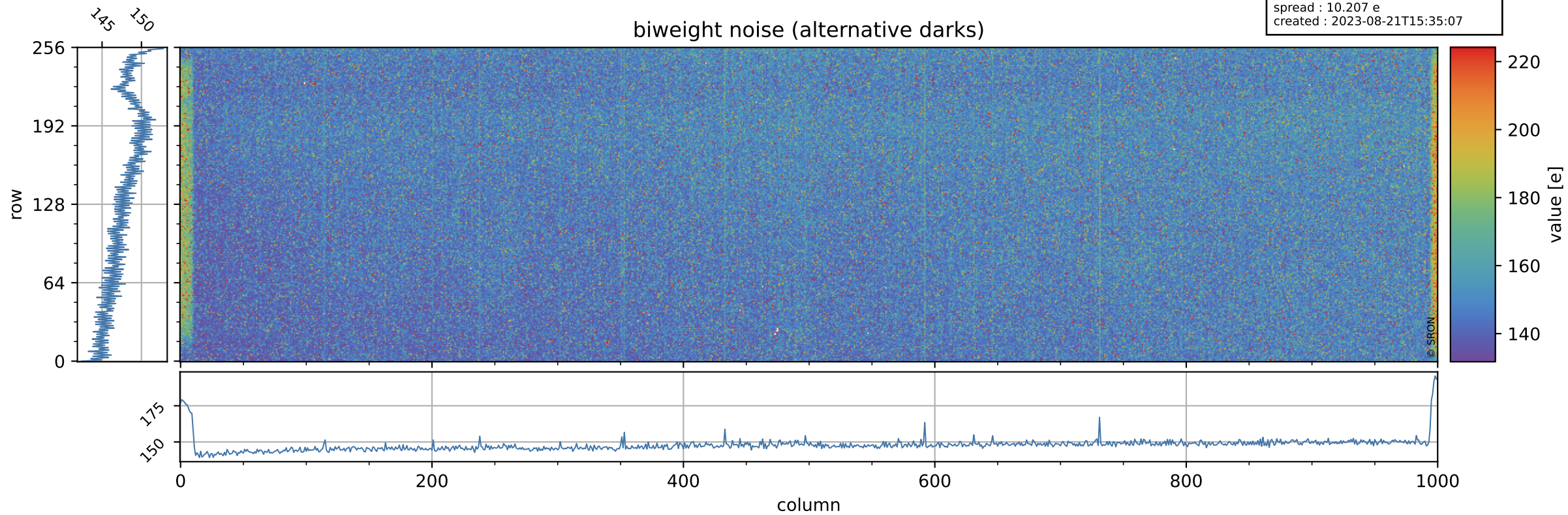
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
n\_coad, t\_exp : 1, 1.0783  
median : 147.63 e  
spread : 10.207 e  
created : 2023-08-21T15:35:07

## biweight noise (alternative darks)

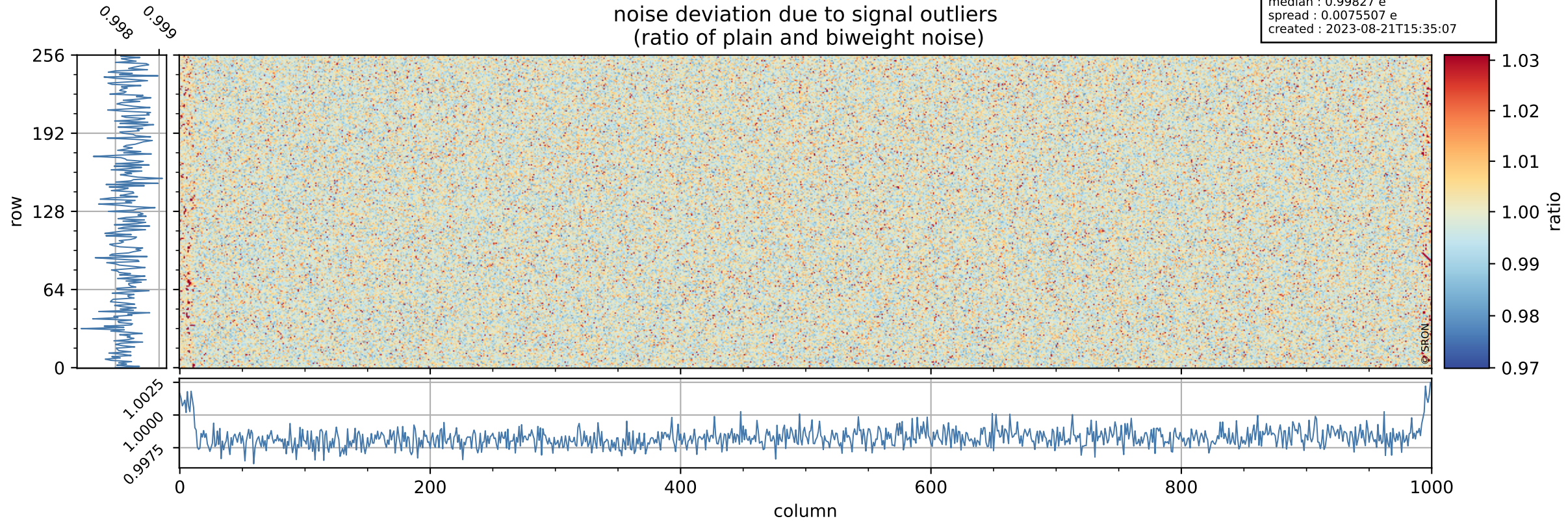




# Tropomi SWIR background noise (swir)

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

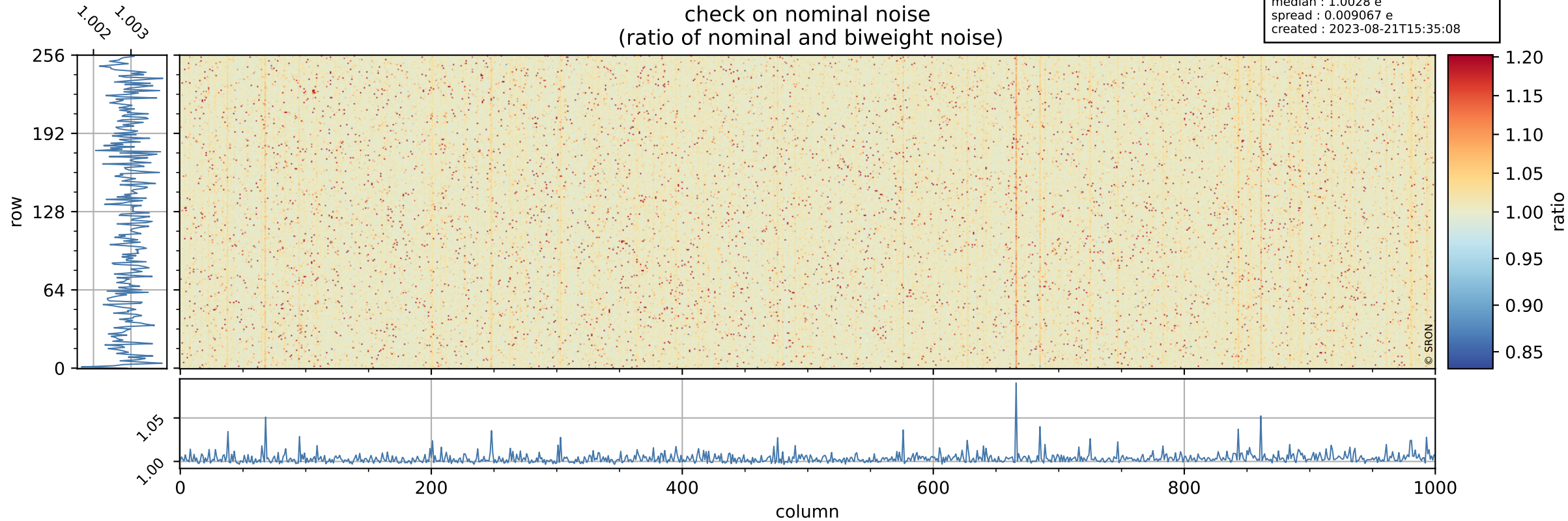
orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
median : 0.99827 e  
spread : 0.0075507 e  
created : 2023-08-21T15:35:07



# Tropomi SWIR background noise (swir)

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

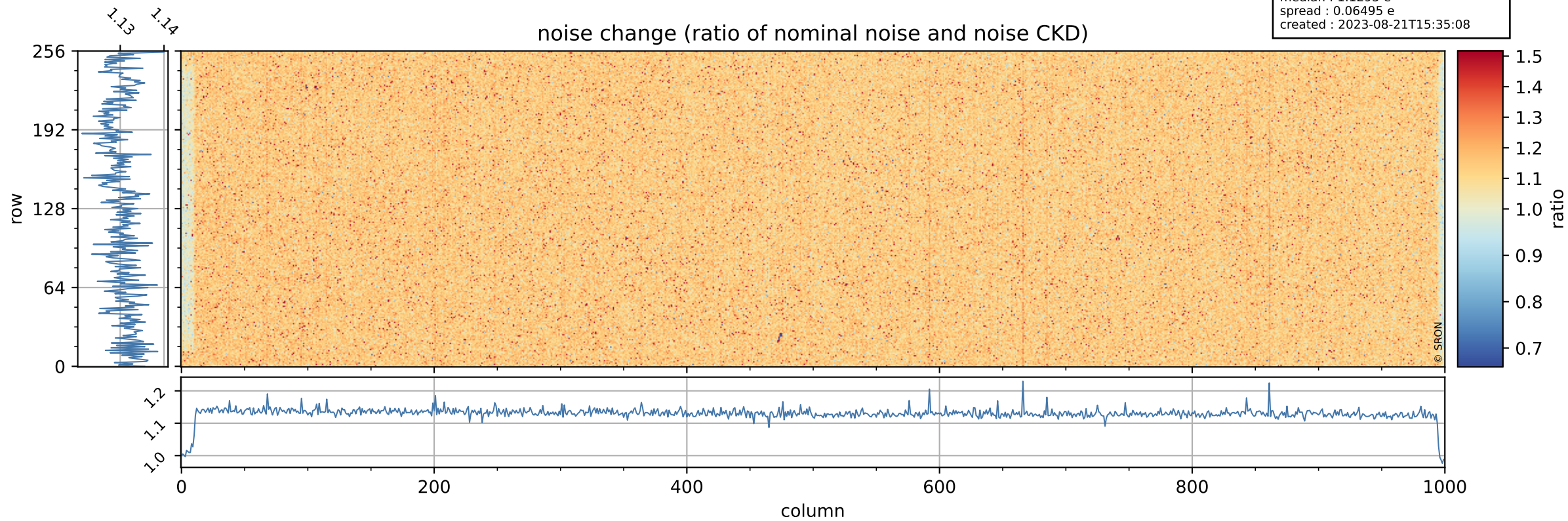
orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
median : 1.0028 e  
spread : 0.009067 e  
created : 2023-08-21T15:35:08





# Tropomi SWIR background noise (swir)

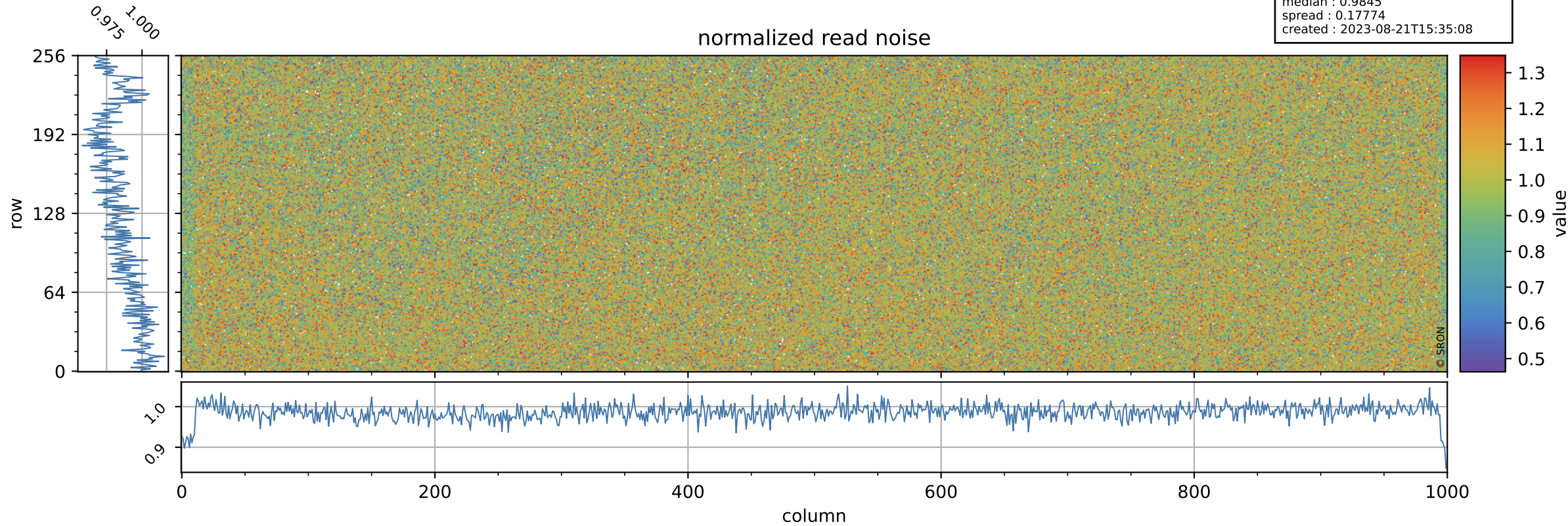
orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
median : 1.1295 e  
spread : 0.06495 e  
created : 2023-08-21T15:35:08





# Tropomi SWIR background noise (swir)

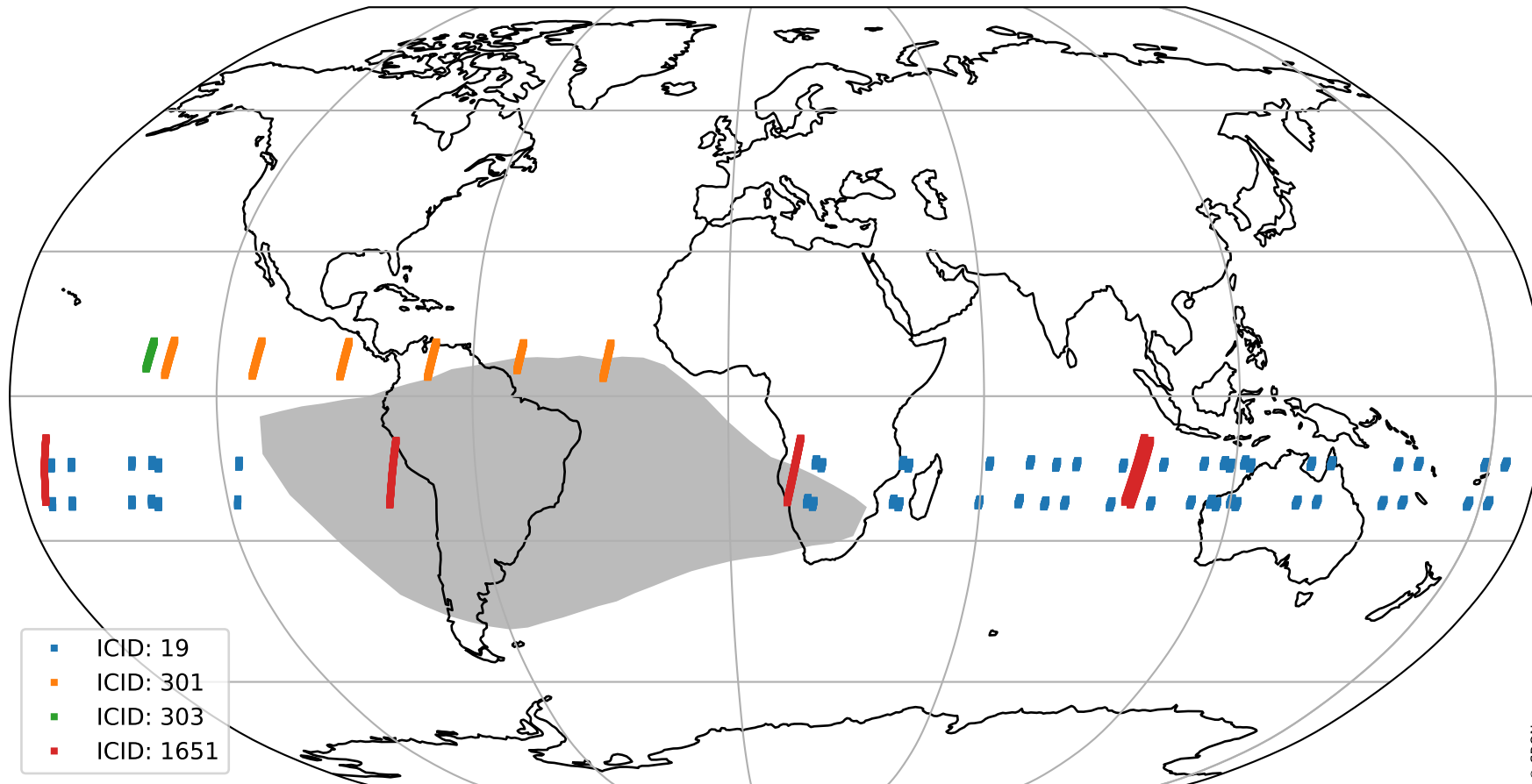
orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
median : 0.9845  
spread : 0.17774  
created : 2023-08-21T15:35:08





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

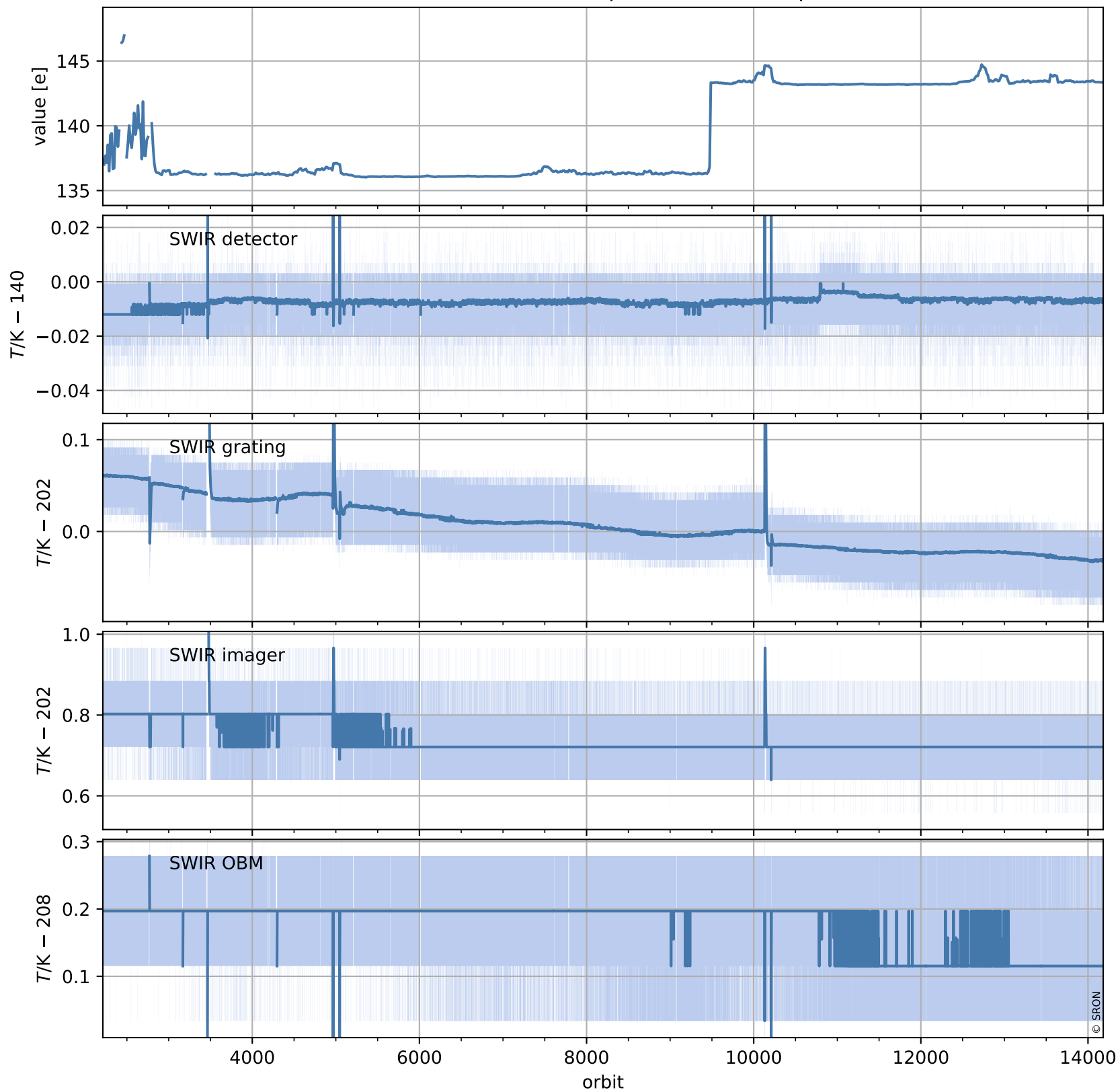
orbits : 12 in [14092, 14182]  
coverage : 2020-07-03 / 2020-07-08  
created : 2023-08-21T15:35:09



# Tropomi SWIR background noise (swir)

orbits : [2212, 14182]  
coverage : 2018-03-18 / 2020-07-08  
created : 2023-08-21T15:35:09

## trend of detector median of plain noise & temperatures

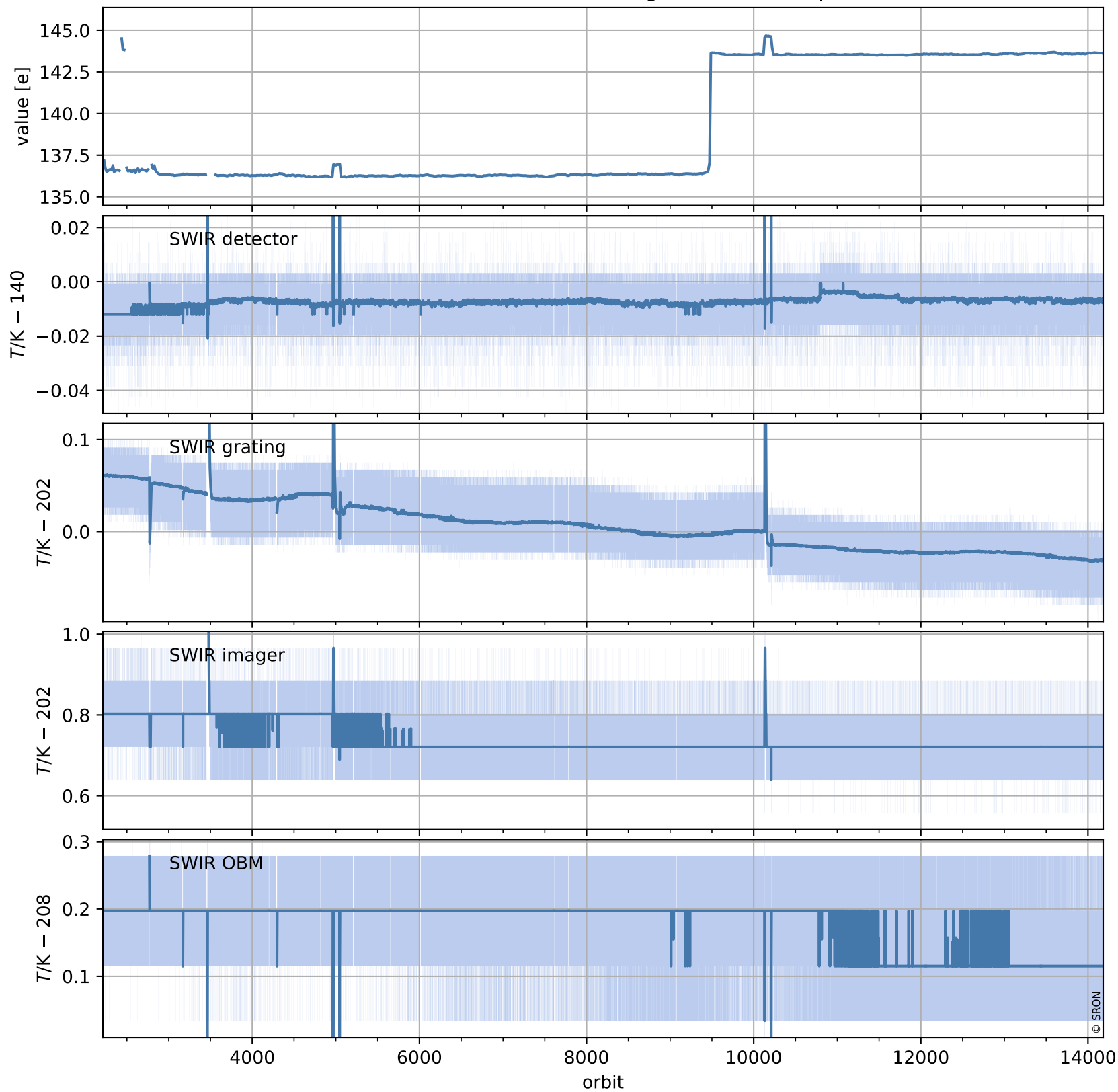




# Tropomi SWIR background noise (swir)

orbits : [2212, 14182]  
coverage : 2018-03-18 / 2020-07-08  
created : 2023-08-21T15:35:10

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14182]  
coverage : 2018-03-18 / 2020-07-08  
created : 2023-08-21T15:35:10

## trend of normalized read-noise & temperatures

