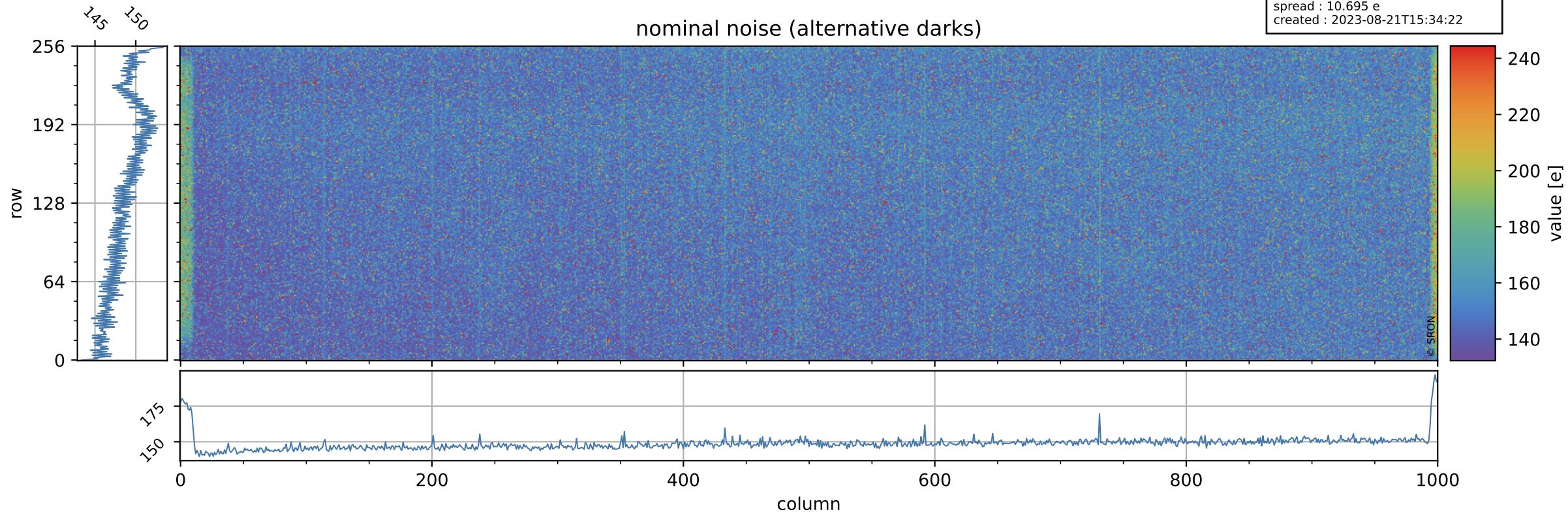


# Tropomi SWIR background noise (swir)

orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
n\_coad, t\_exp : 1, 1.0783  
median : 148.49 e  
spread : 10.695 e  
created : 2023-08-21T15:34:22

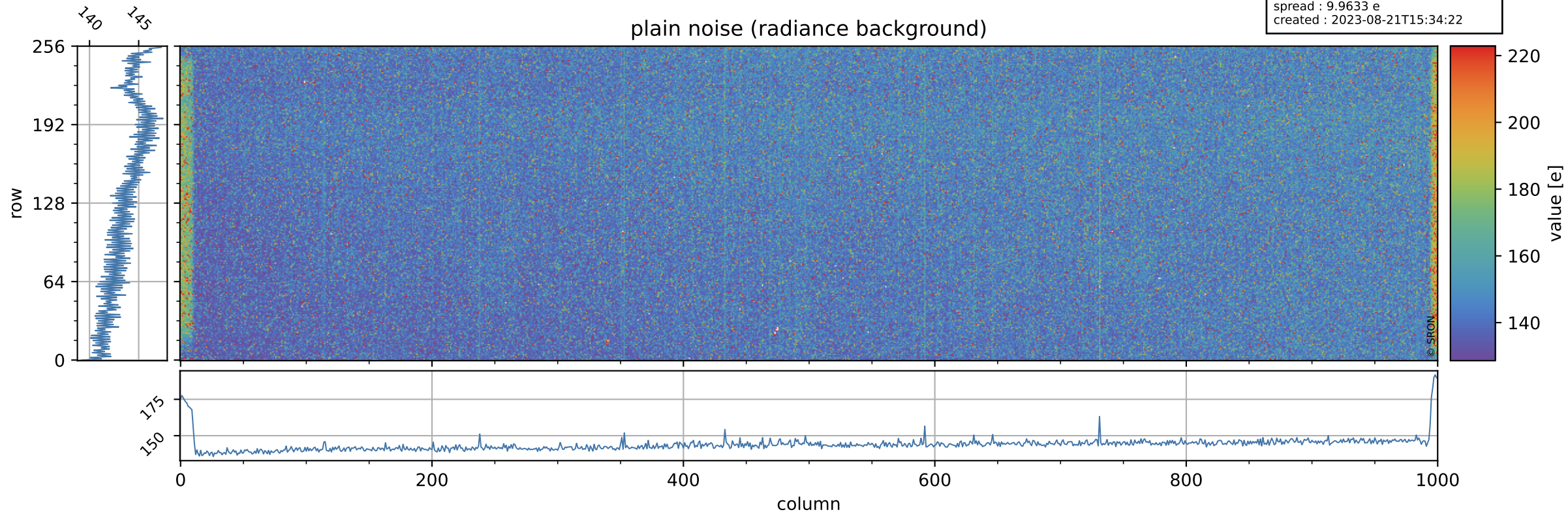
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.61 e  
spread : 9.9633 e  
created : 2023-08-21T15:34:22

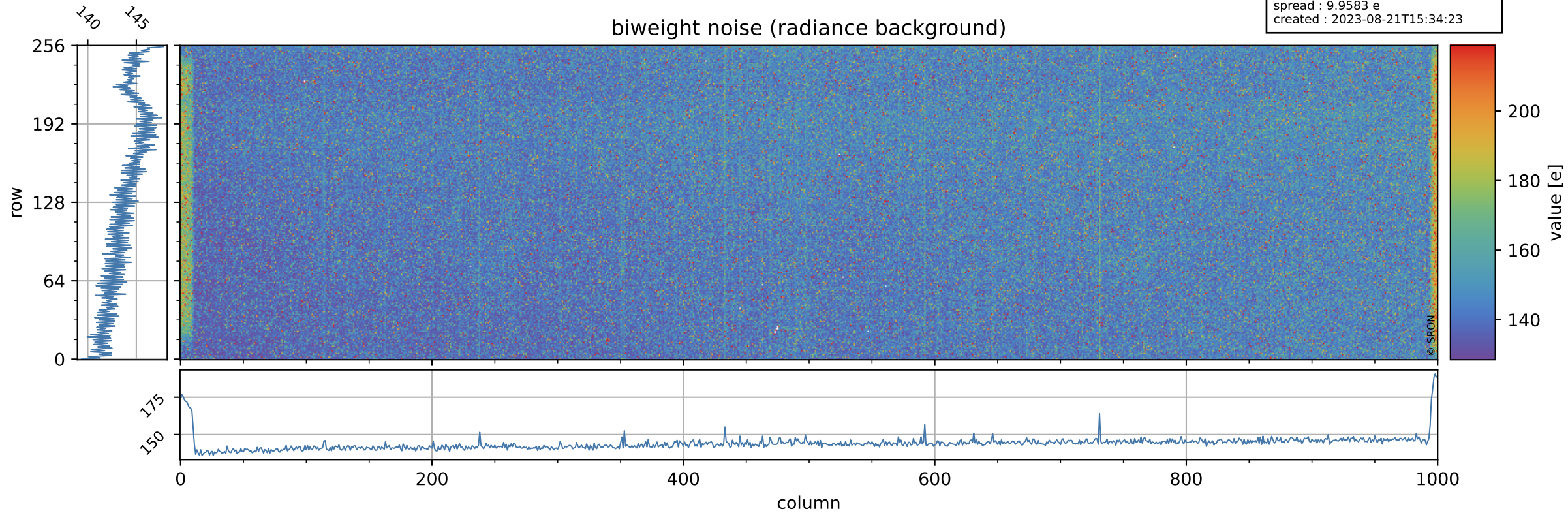
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.9583 e  
created : 2023-08-21T15:34:23

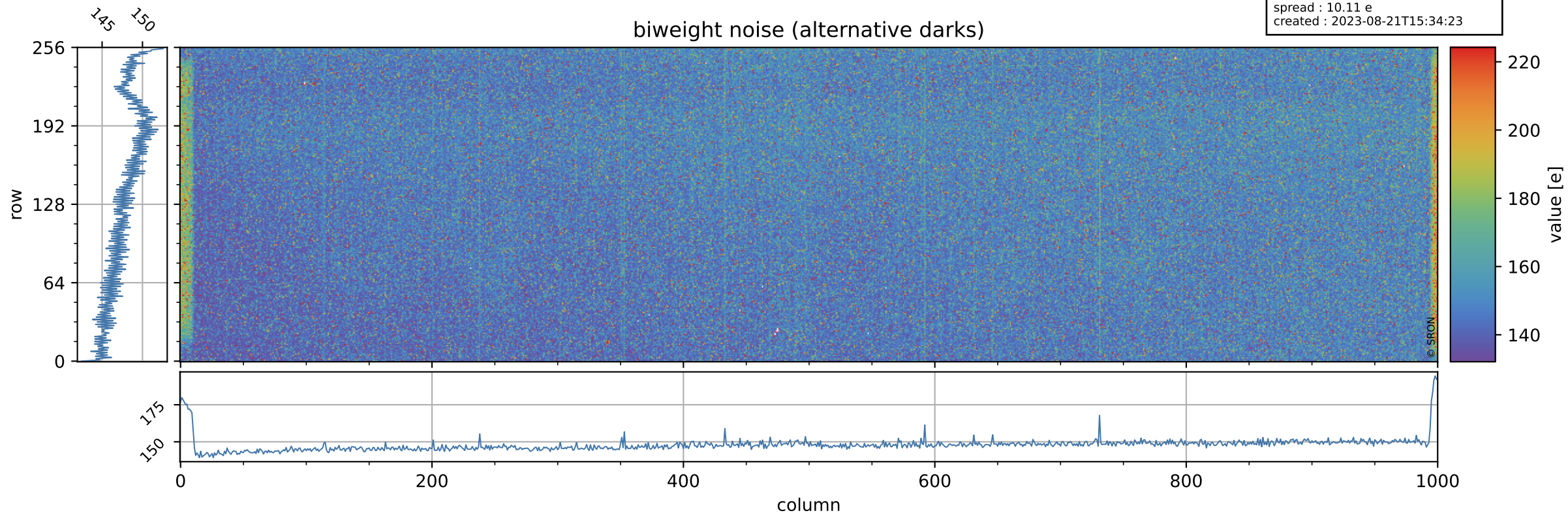
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
n\_coad, t\_exp : 1, 1.0783  
median : 147.66 e  
spread : 10.11 e  
created : 2023-08-21T15:34:23

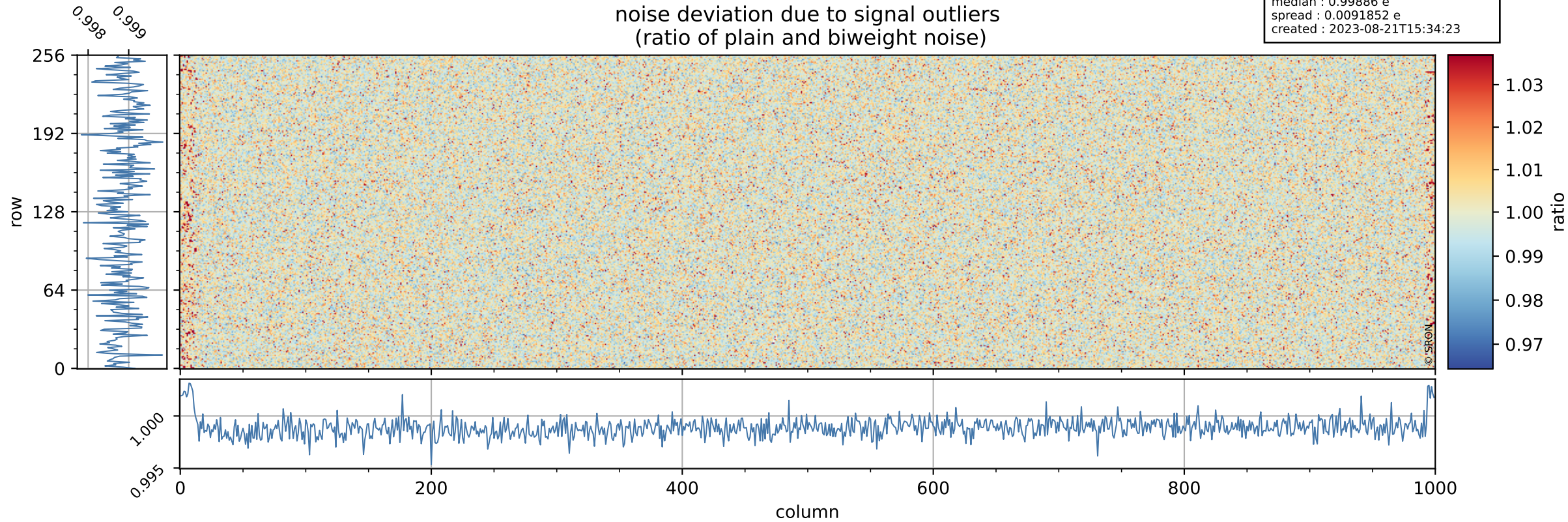
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

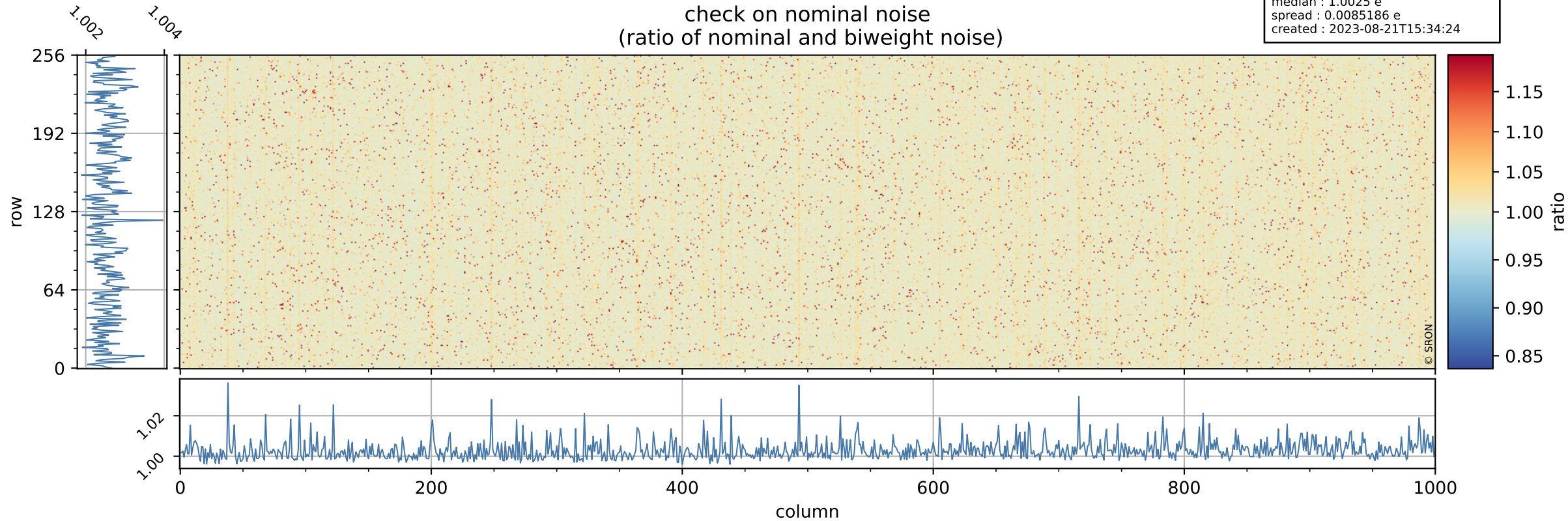
orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
median : 0.99886 e  
spread : 0.0091852 e  
created : 2023-08-21T15:34:23



# Tropomi SWIR background noise (swir)

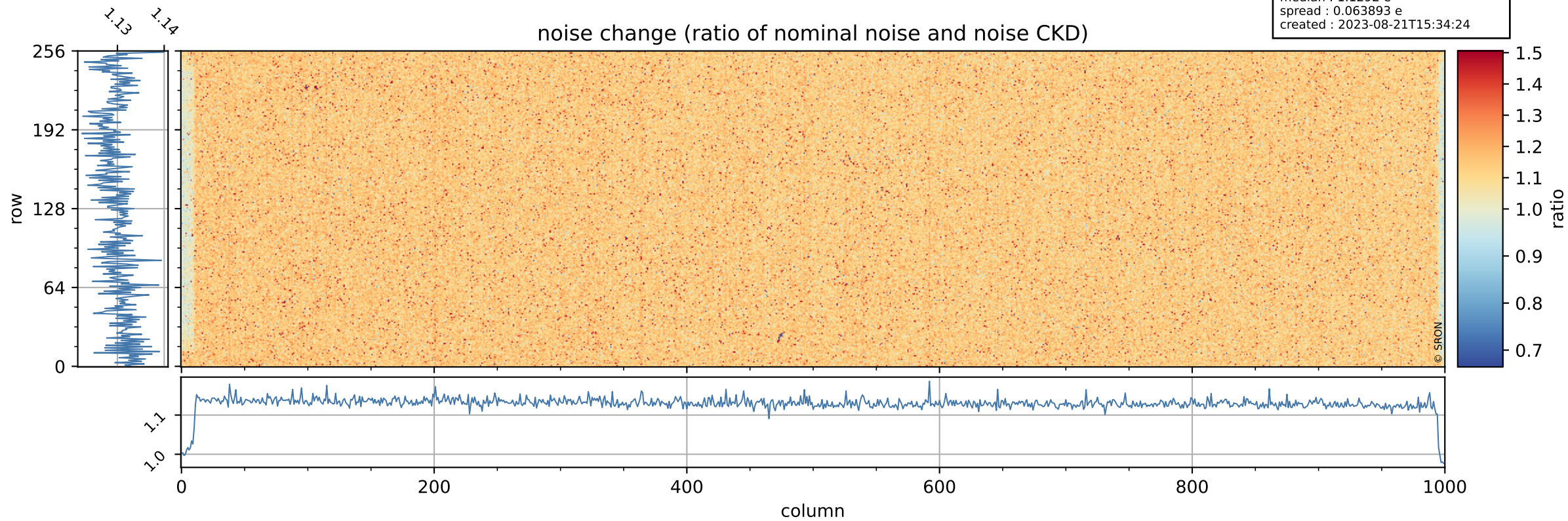
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
median : 1.0025 e  
spread : 0.0085186 e  
created : 2023-08-21T15:34:24



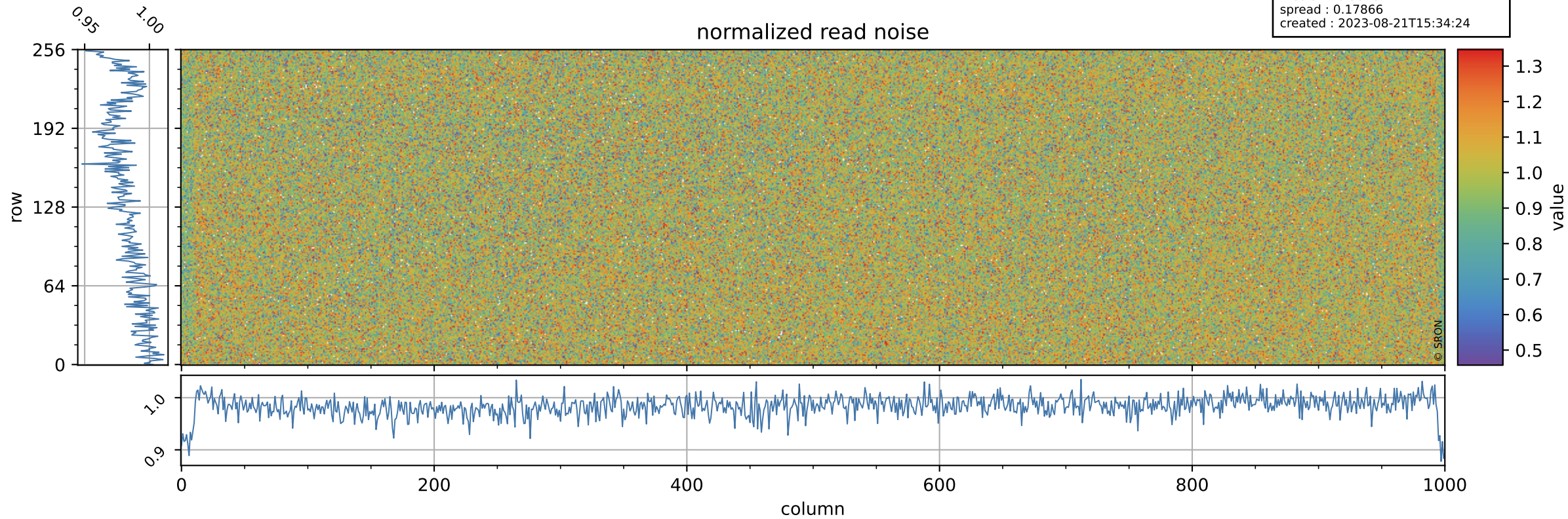
# Tropomi SWIR background noise (swir)

orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
median : 1.1292 e  
spread : 0.063893 e  
created : 2023-08-21T15:34:24



# Tropomi SWIR background noise (swir)

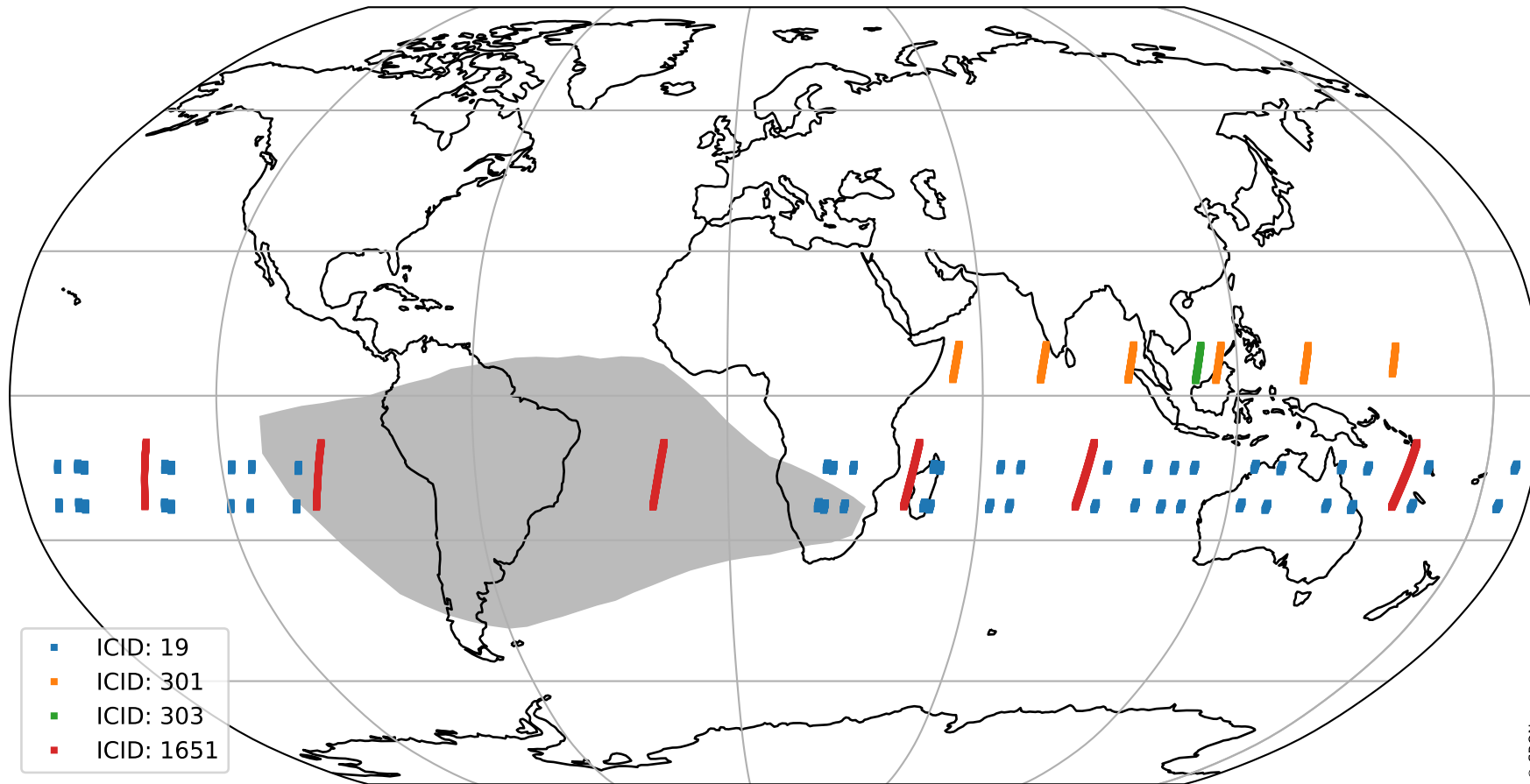
orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
median : 0.98267  
spread : 0.17866  
created : 2023-08-21T15:34:24





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

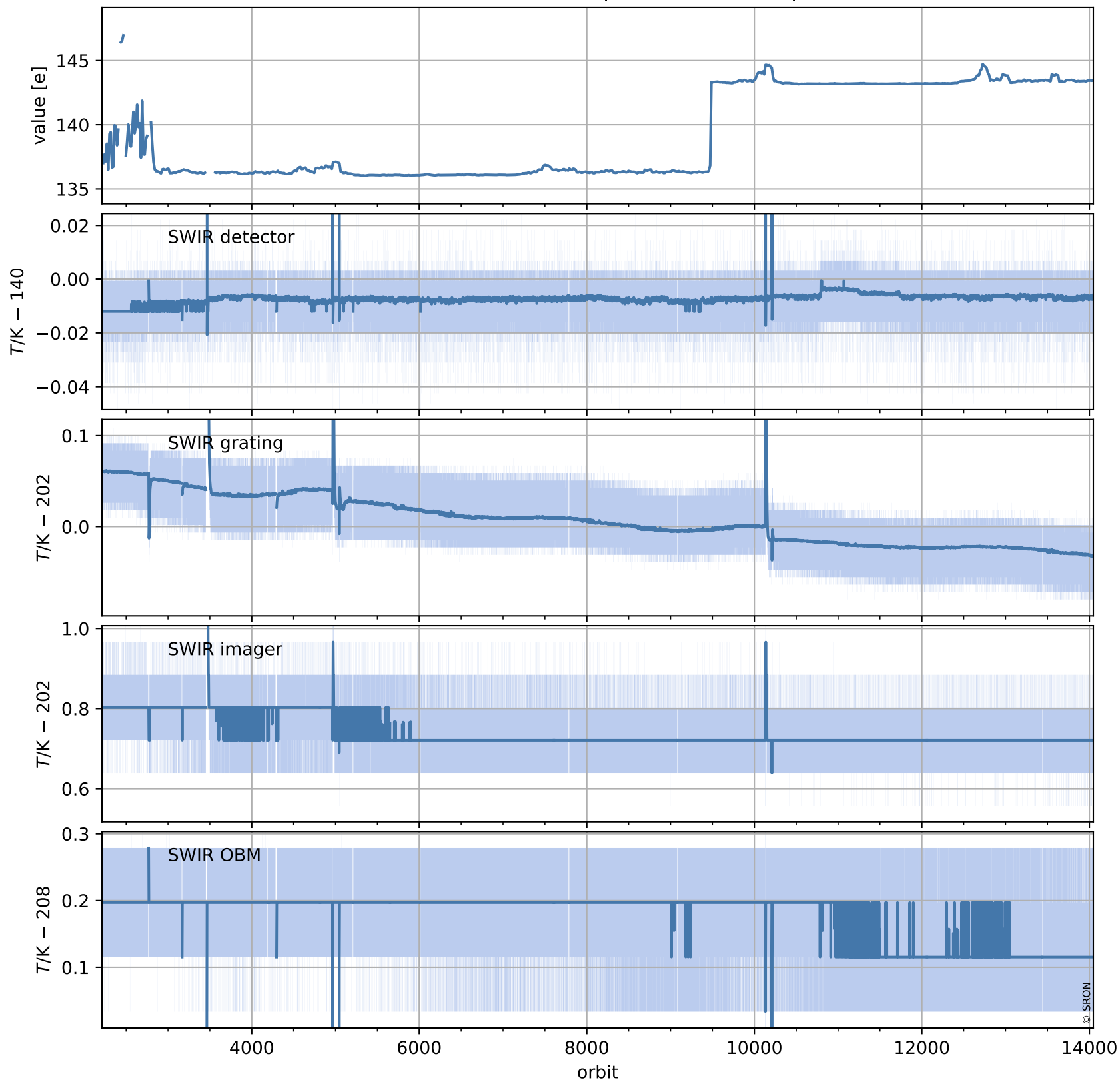
orbits : 13 in [13972, 14047]  
coverage : 2020-06-23 / 2020-06-28  
created : 2023-08-21T15:34:25



# Tropomi SWIR background noise (swir)

orbits : [2212, 14047]  
coverage : 2018-03-18 / 2020-06-28  
created : 2023-08-21T15:34:25

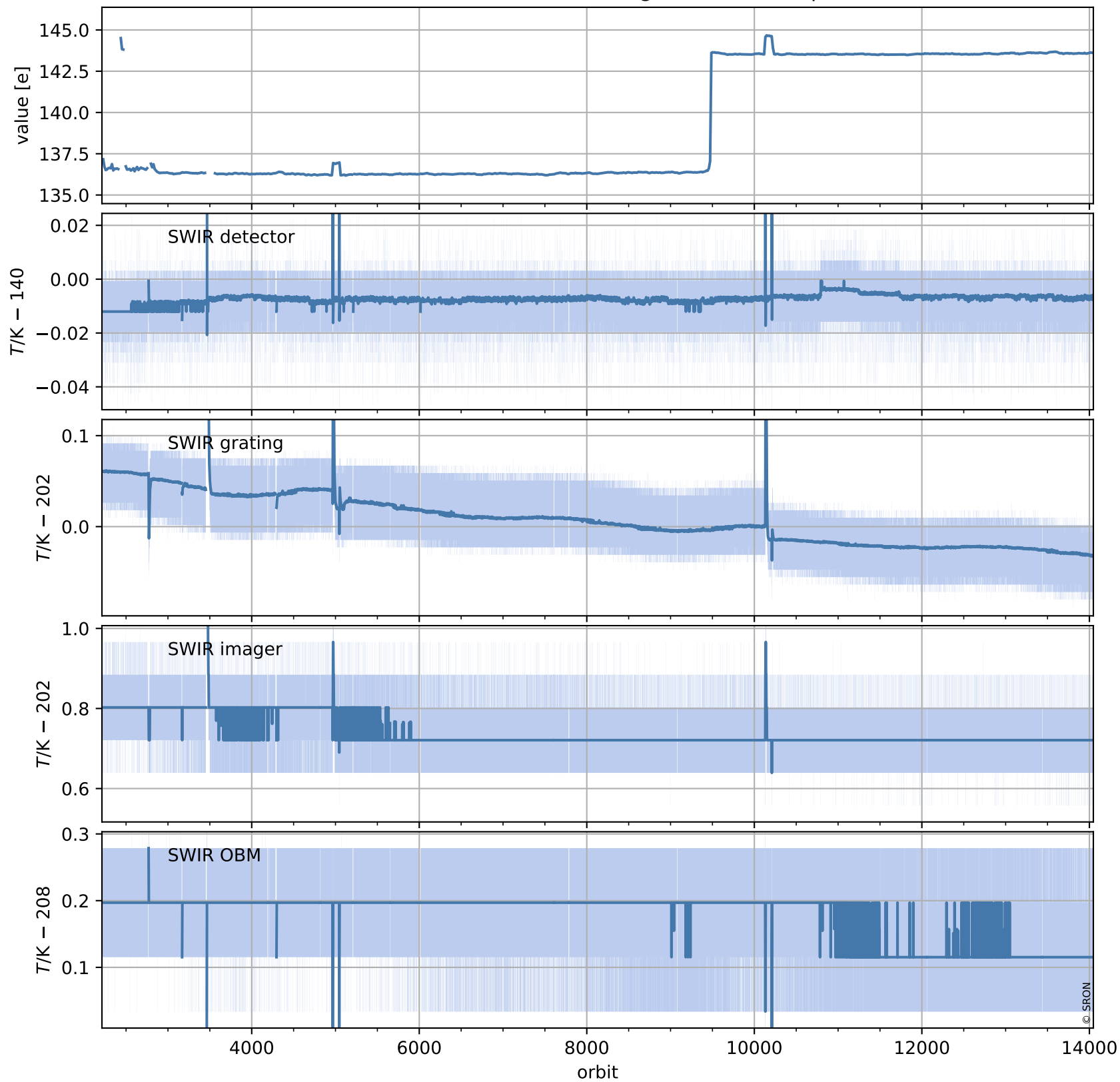
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14047]  
coverage : 2018-03-18 / 2020-06-28  
created : 2023-08-21T15:34:26

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14047]  
coverage : 2018-03-18 / 2020-06-28  
created : 2023-08-21T15:34:26

## trend of normalized read-noise & temperatures

