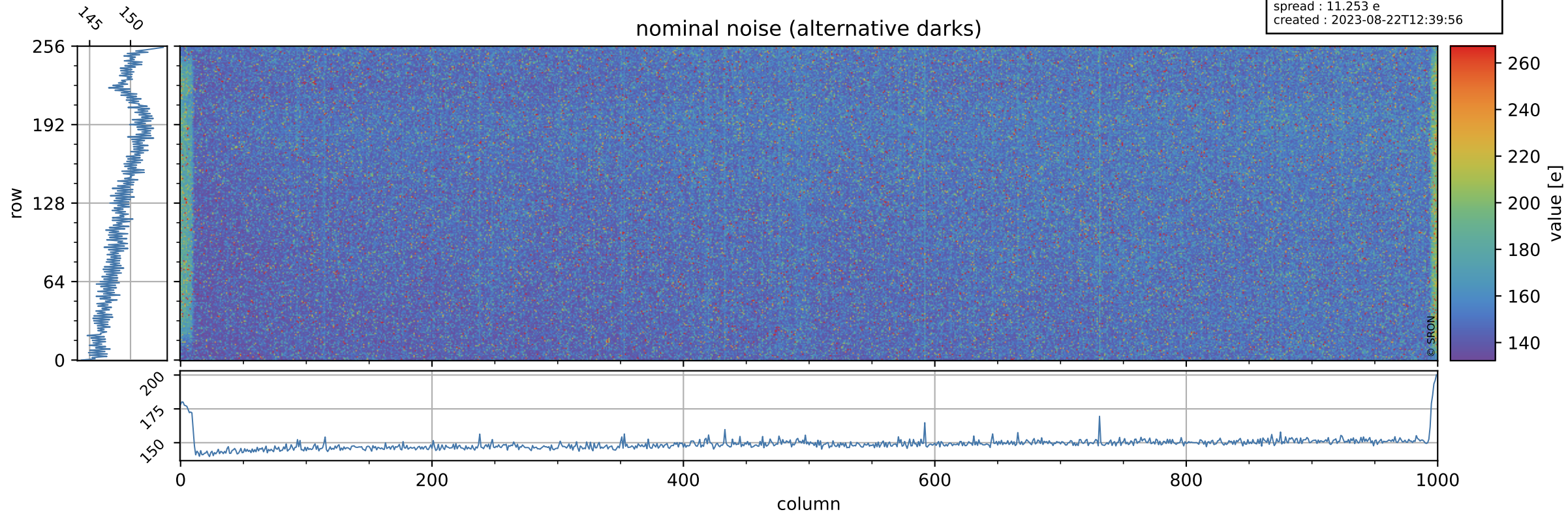


# Tropomi SWIR background noise (swir)

orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
n\_coad, t\_exp : 1, 1.0783  
median : 148.91 e  
spread : 11.253 e  
created : 2023-08-22T12:39:56

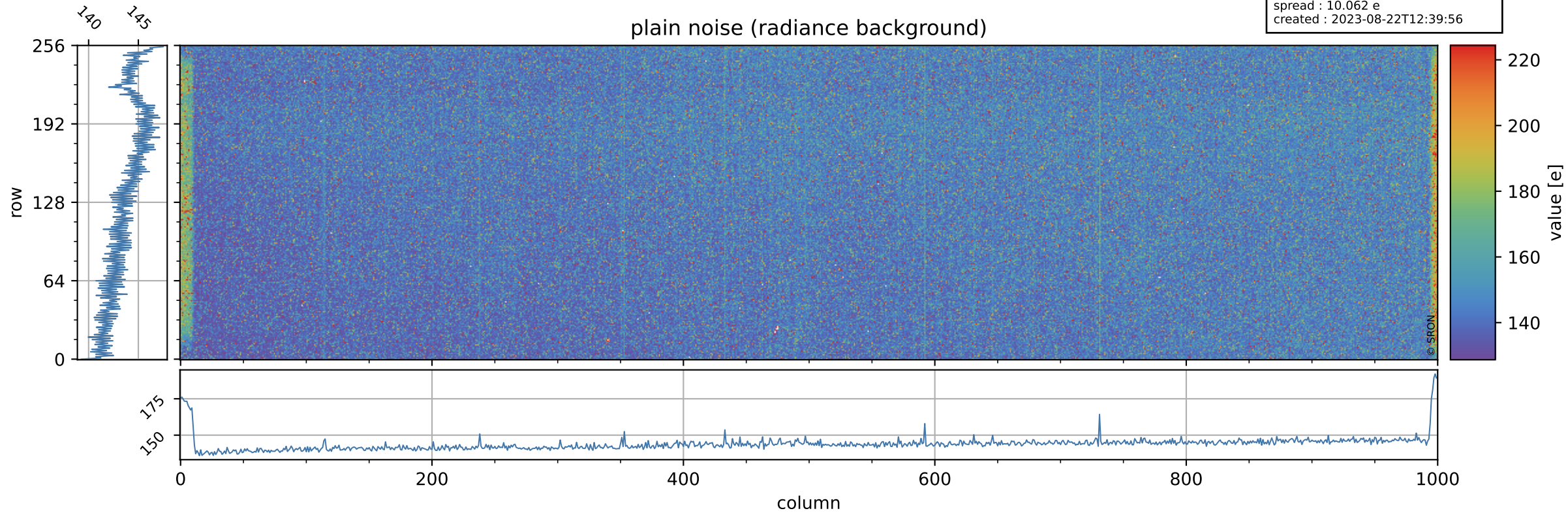
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.63 e  
spread : 10.062 e  
created : 2023-08-22T12:39:56

## plain noise (radiance background)

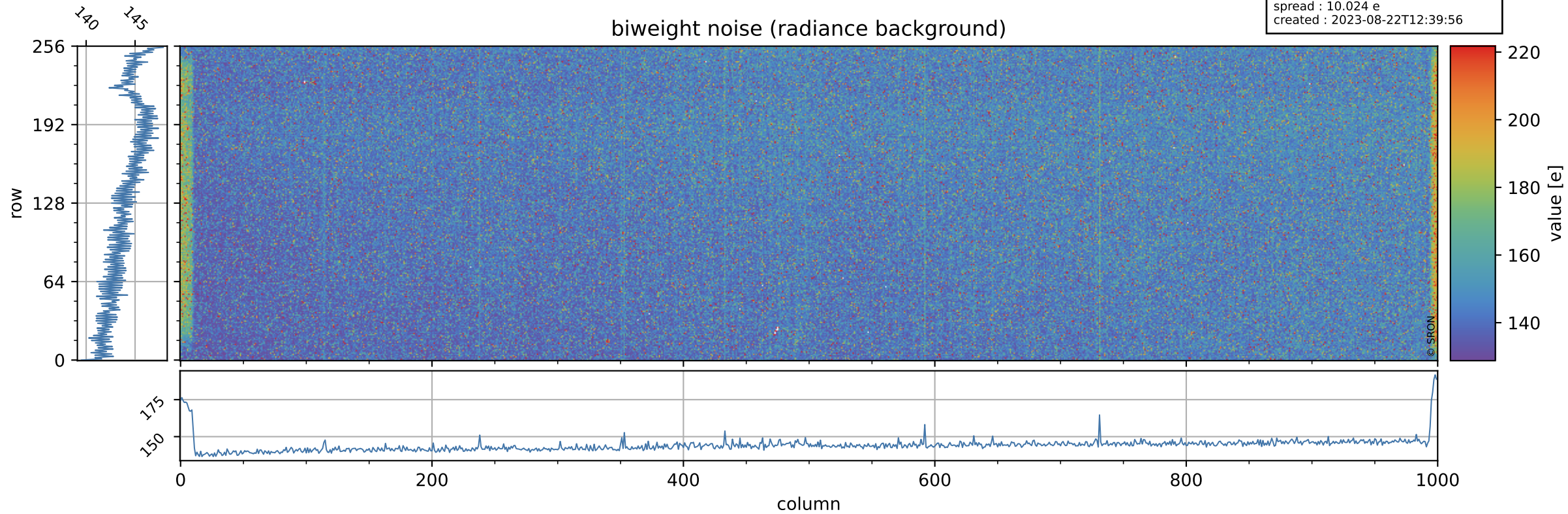




# Tropomi SWIR background noise (swir)

orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.93 e  
spread : 10.024 e  
created : 2023-08-22T12:39:56

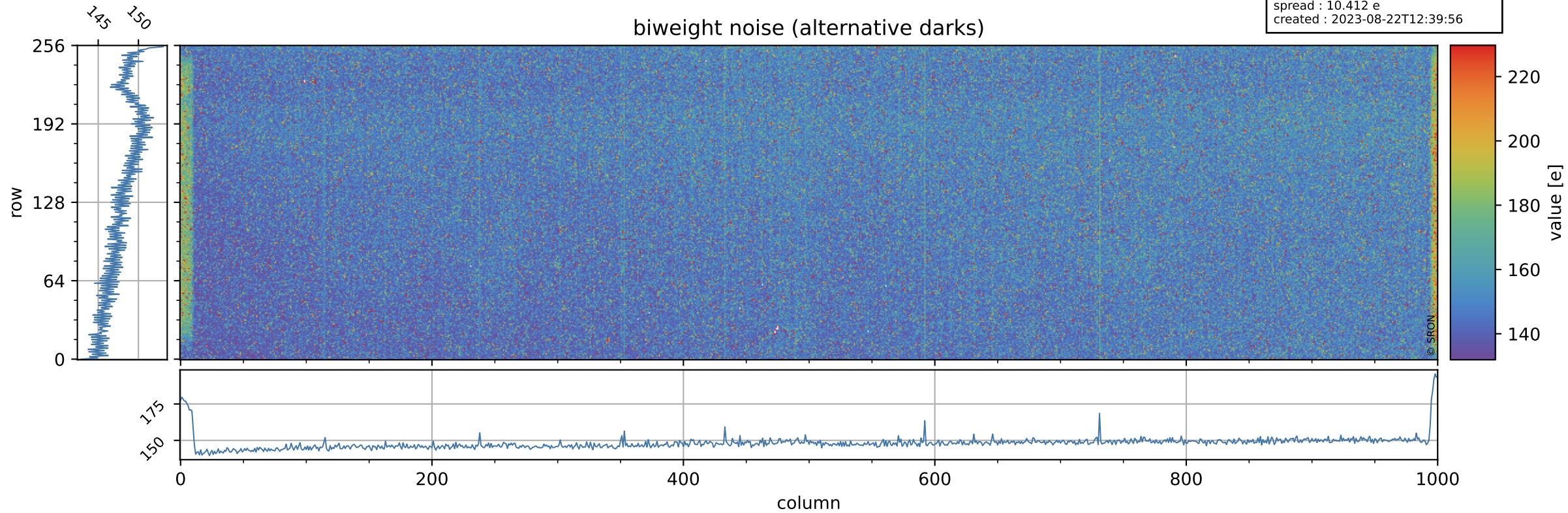
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
n\_coad, t\_exp : 1, 1.0783  
median : 147.88 e  
spread : 10.412 e  
created : 2023-08-22T12:39:56

## biweight noise (alternative darks)

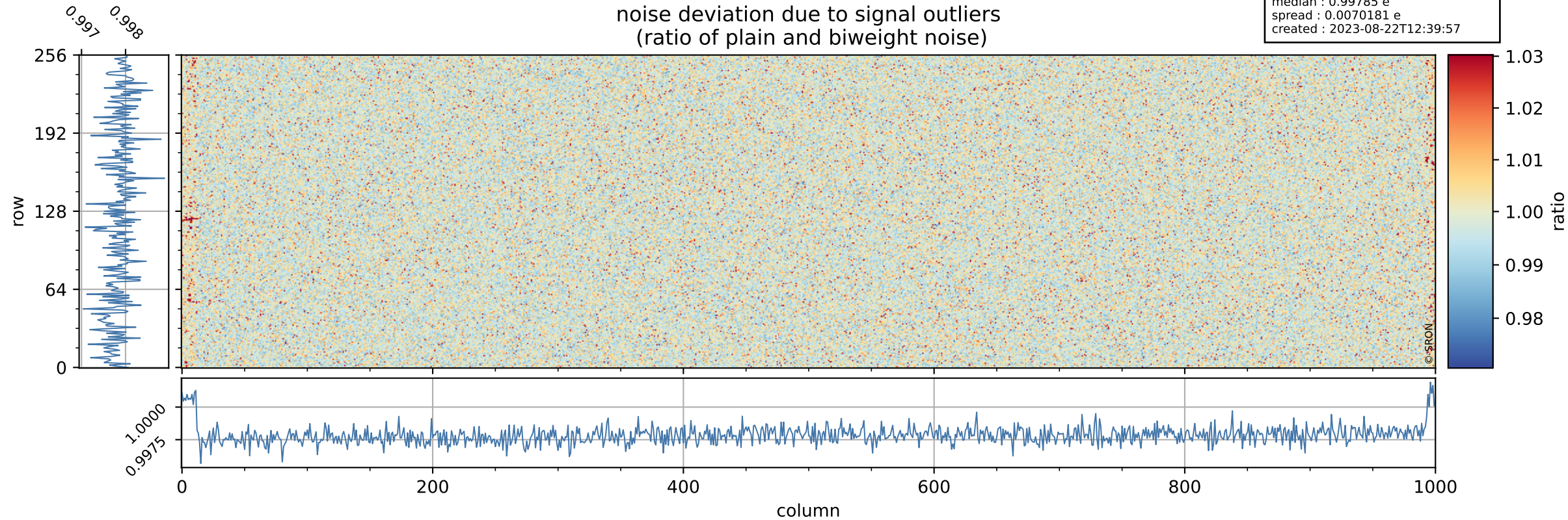




# Tropomi SWIR background noise (swir)

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

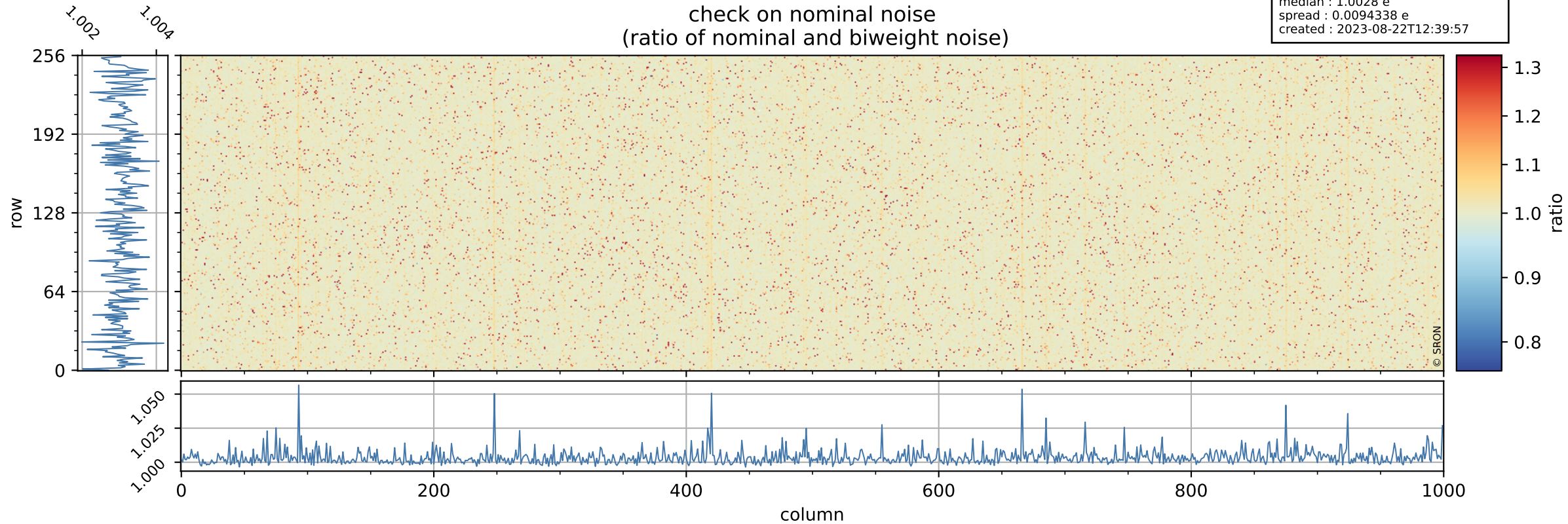
orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
median : 0.99785 e  
spread : 0.0070181 e  
created : 2023-08-22T12:39:57



# Tropomi SWIR background noise (swir)

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

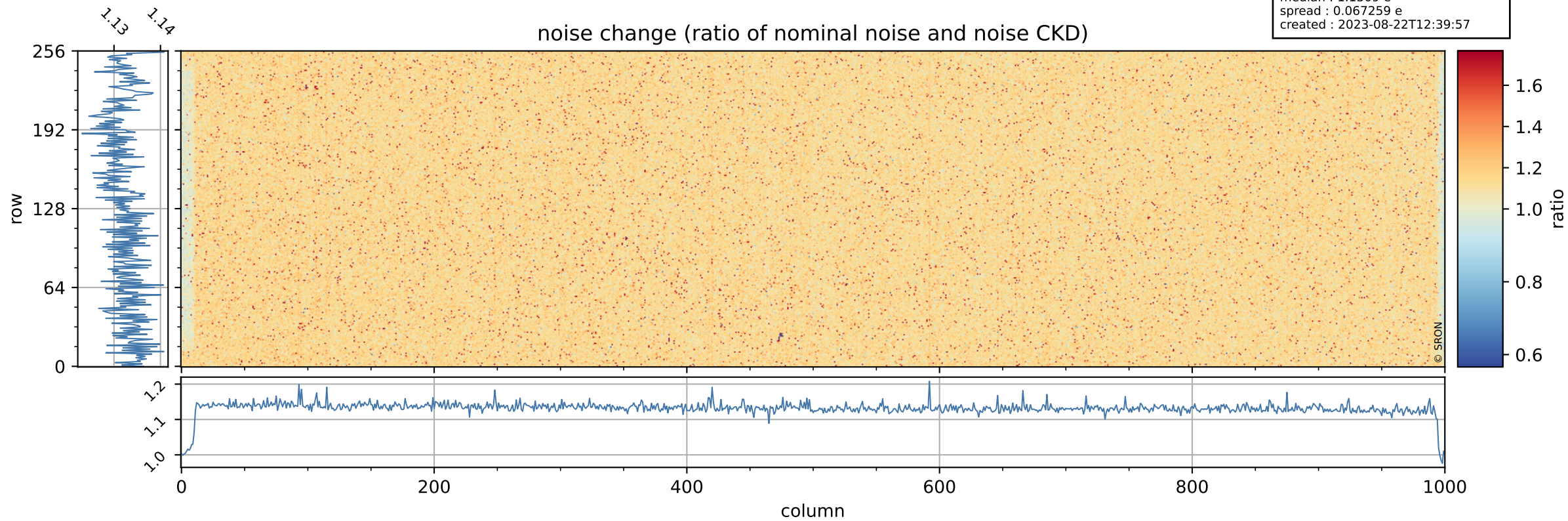
orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
median : 1.0028 e  
spread : 0.0094338 e  
created : 2023-08-22T12:39:57





# Tropomi SWIR background noise (swir)

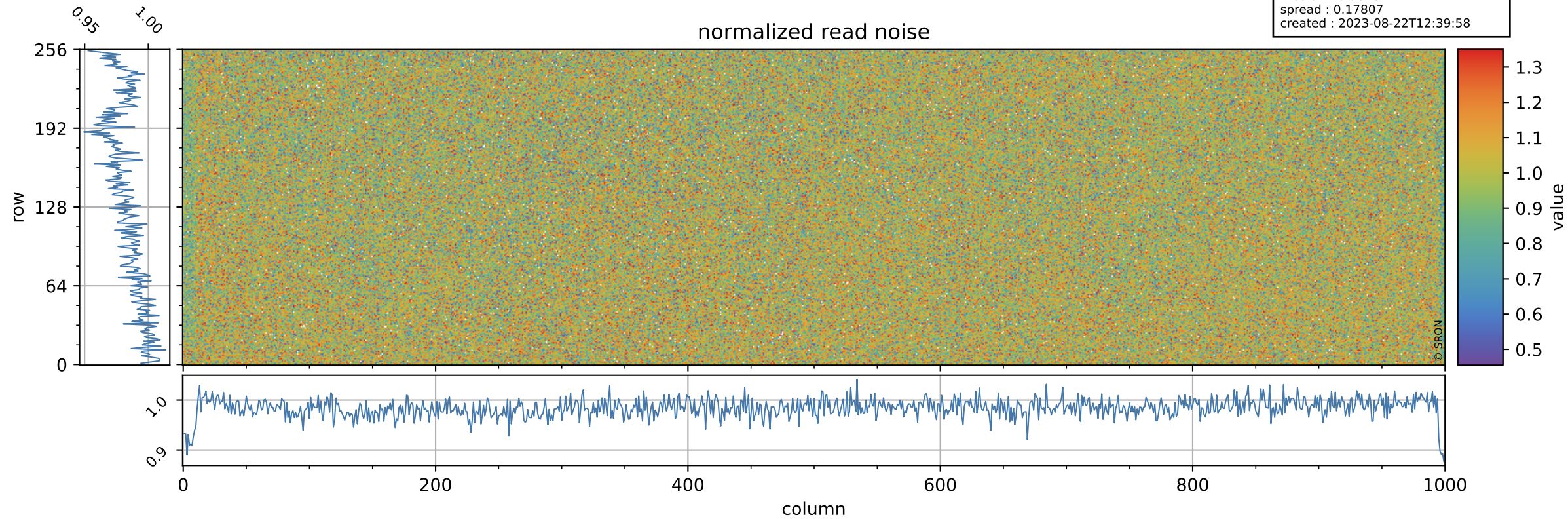
orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
median : 1.1309 e  
spread : 0.067259 e  
created : 2023-08-22T12:39:57





# Tropomi SWIR background noise (swir)

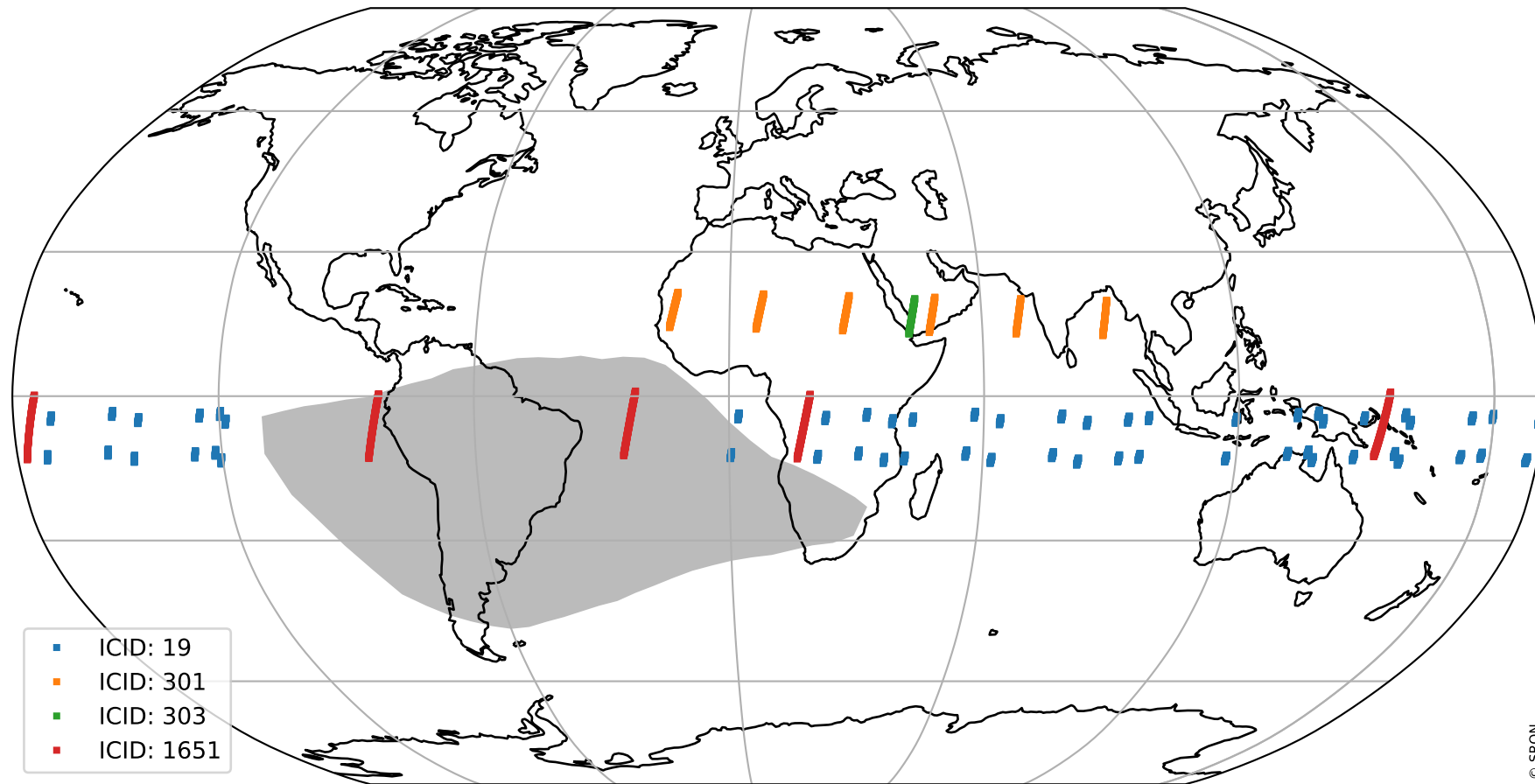
orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
median : 0.9826  
spread : 0.17807  
created : 2023-08-22T12:39:58





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

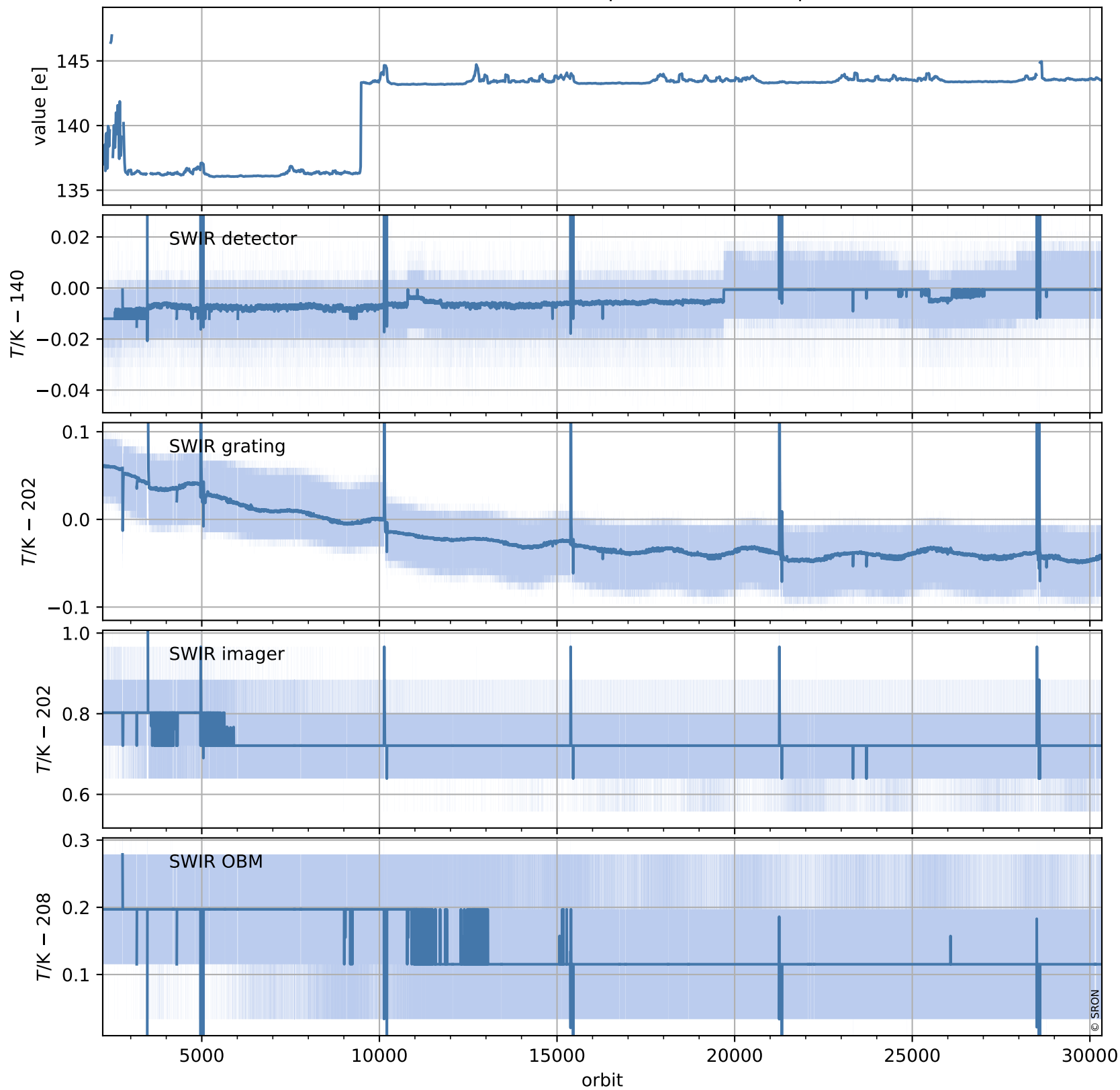
orbits : 12 in [30262, 30337]  
coverage : 2023-08-15 / 2023-08-21  
created : 2023-08-22T12:39:58



# Tropomi SWIR background noise (swir)

orbits : [2212, 30337]  
coverage : 2018-03-18 / 2023-08-21  
created : 2023-08-22T12:39:58

## trend of detector median of plain noise & temperatures

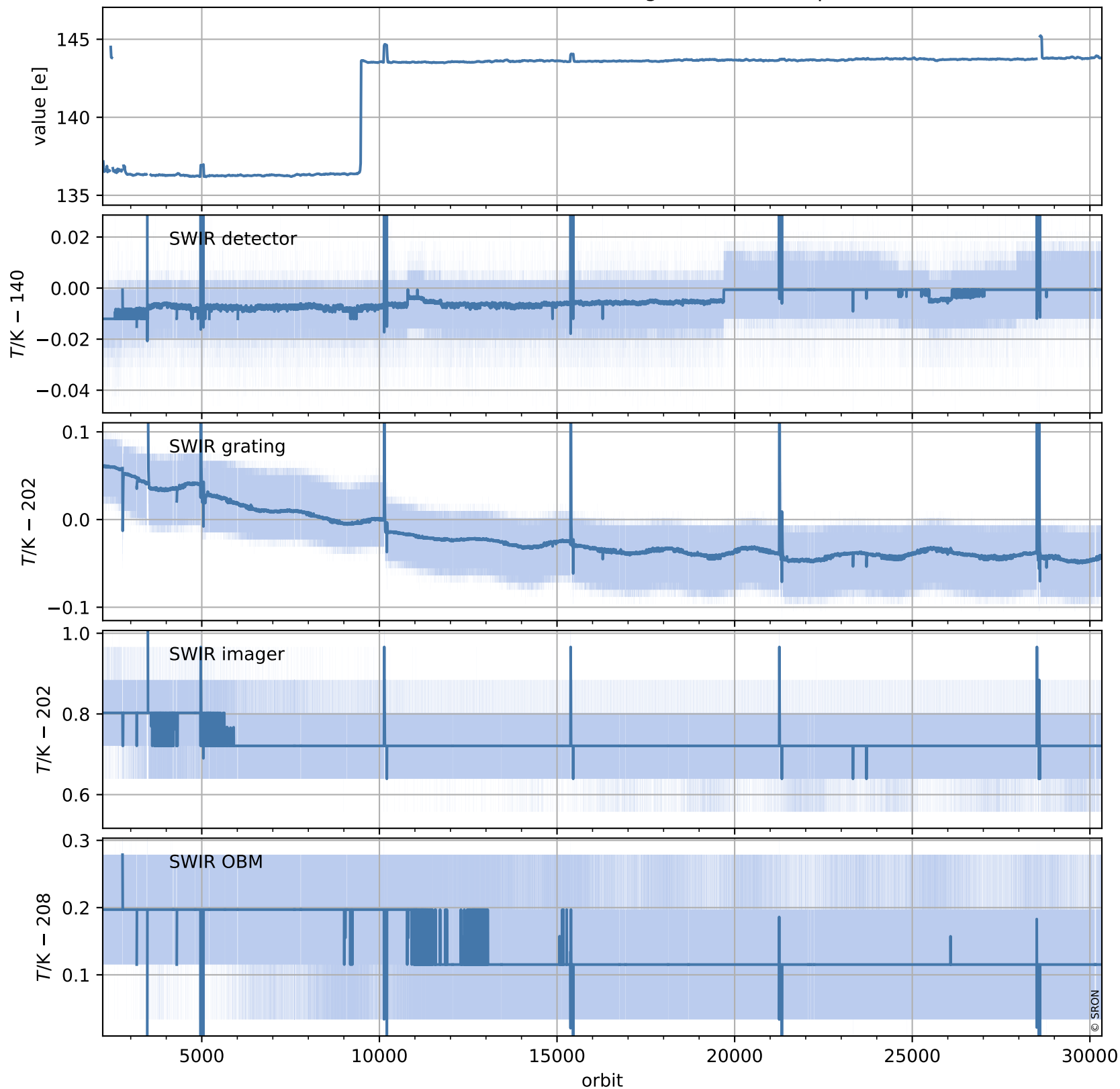




# Tropomi SWIR background noise (swir)

orbits : [2212, 30337]  
coverage : 2018-03-18 / 2023-08-21  
created : 2023-08-22T12:39:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 30337]  
coverage : 2018-03-18 / 2023-08-21  
created : 2023-08-22T12:40:00

## trend of normalized read-noise & temperatures

