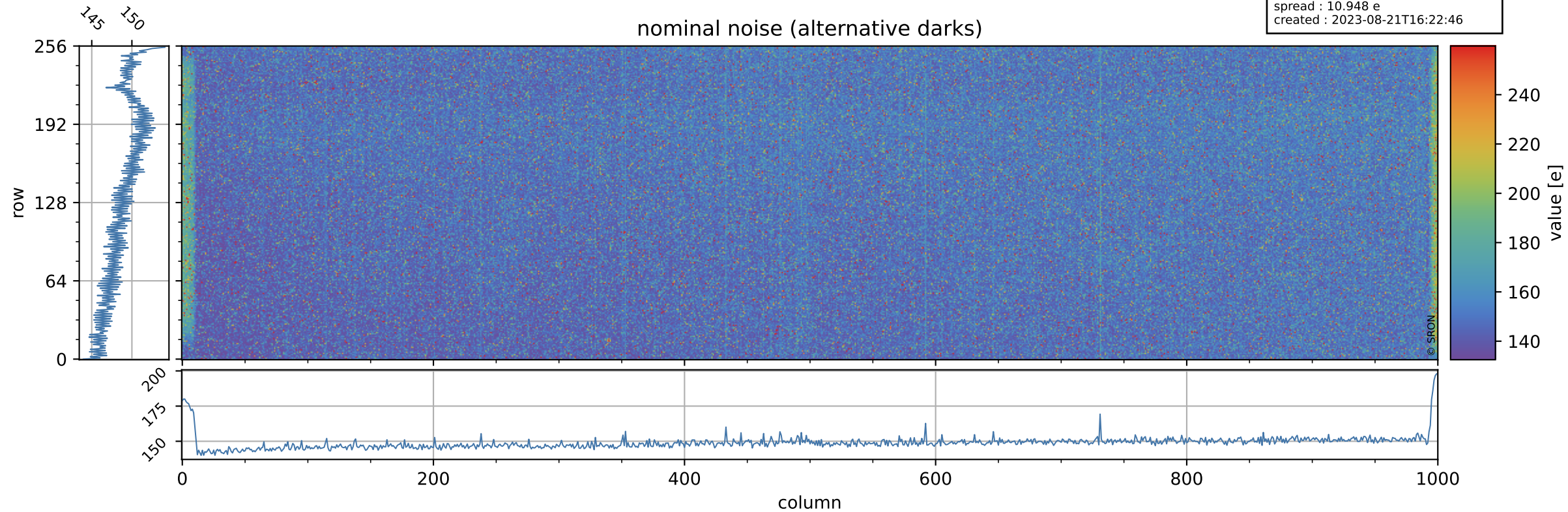


# Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.79 e  
spread : 10.948 e  
created : 2023-08-21T16:22:46

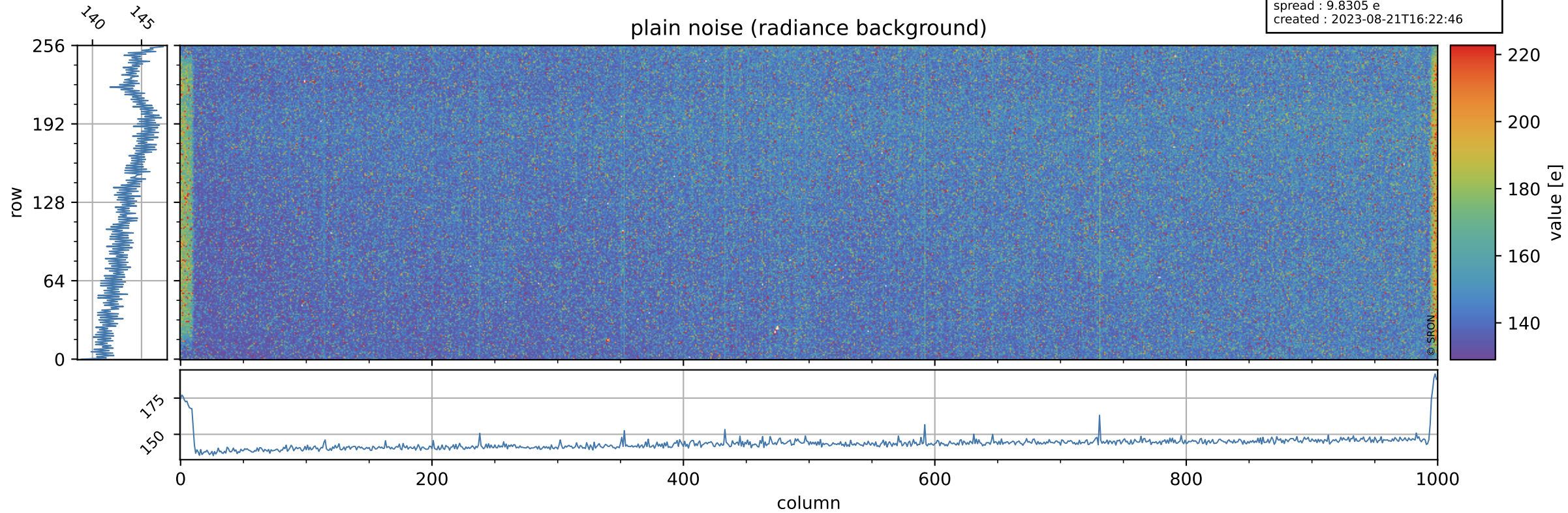
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.49 e  
spread : 9.8305 e  
created : 2023-08-21T16:22:46

## plain noise (radiance background)

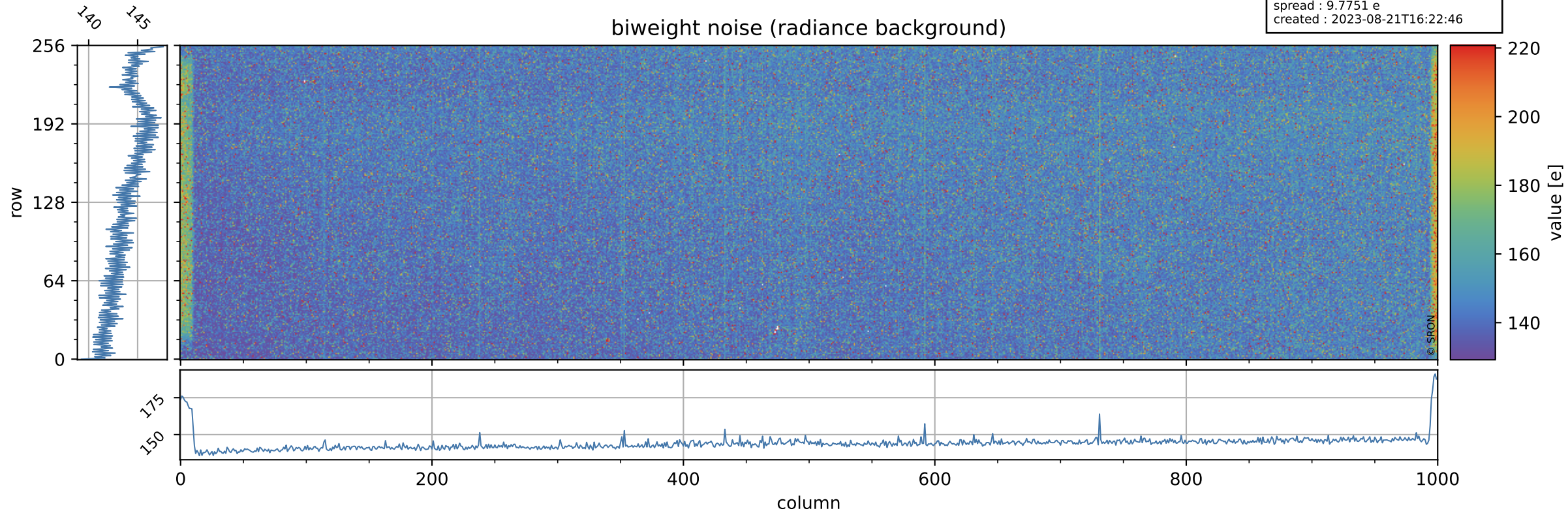




# Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.7751 e  
created : 2023-08-21T16:22:46

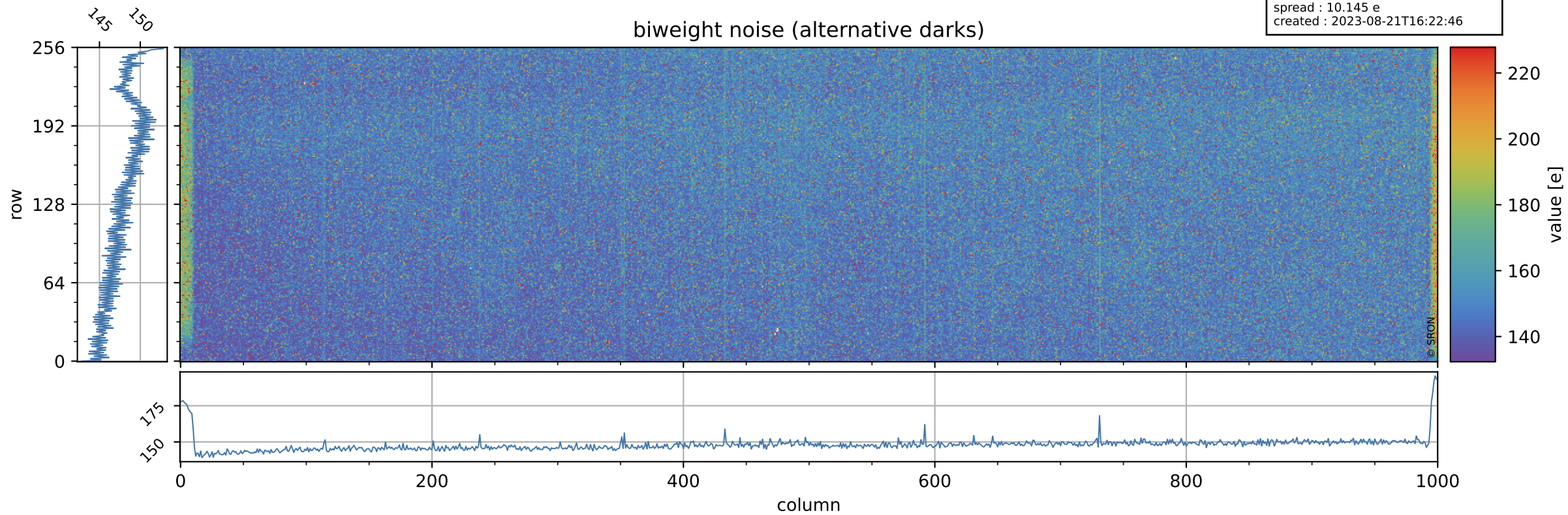
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.78 e  
spread : 10.145 e  
created : 2023-08-21T16:22:46

## biweight noise (alternative darks)

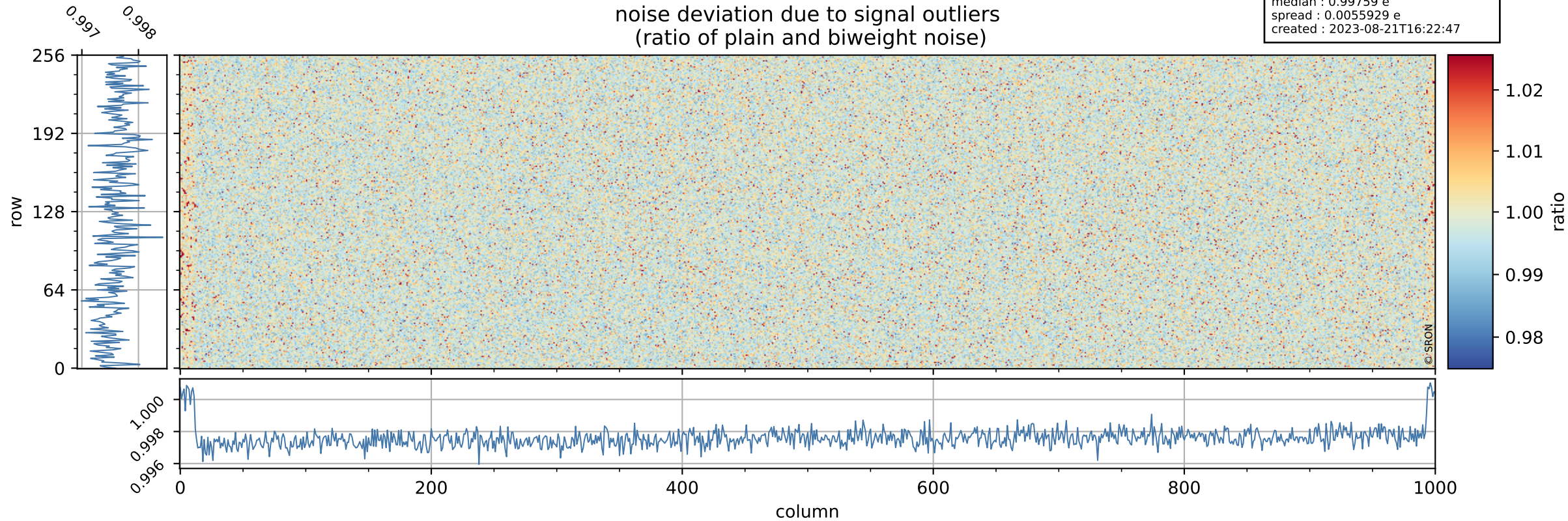




# Tropomi SWIR background noise (swir)

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

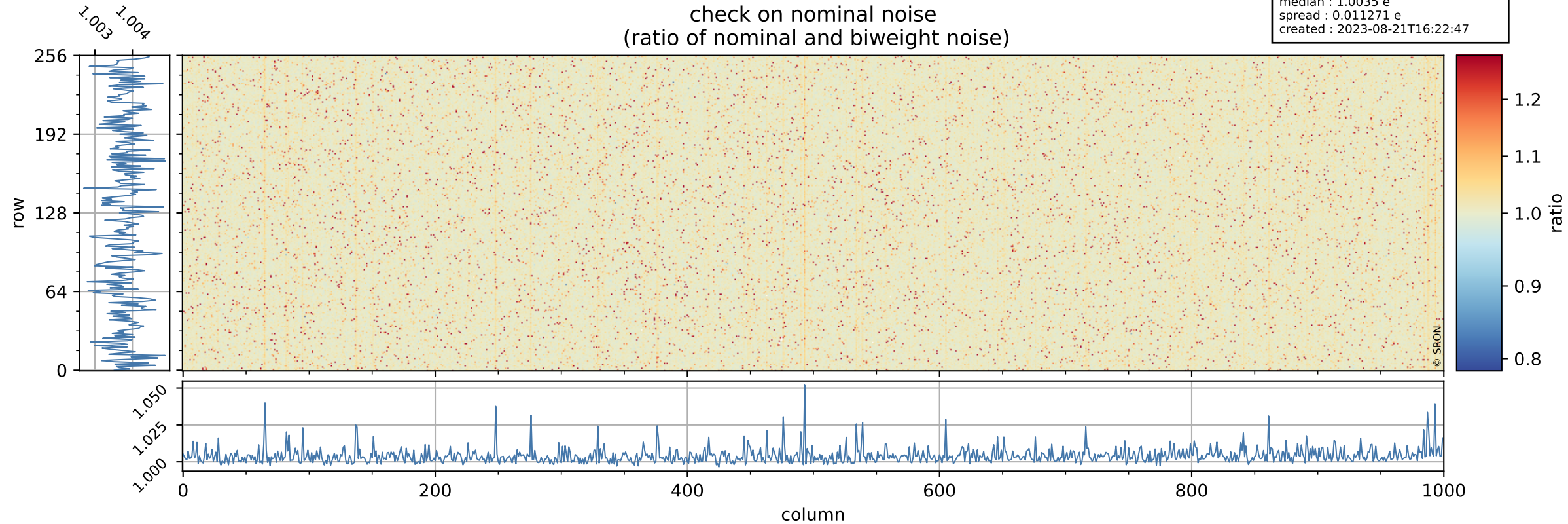
orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
median : 0.99759 e  
spread : 0.0055929 e  
created : 2023-08-21T16:22:47



# Tropomi SWIR background noise (swir)

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

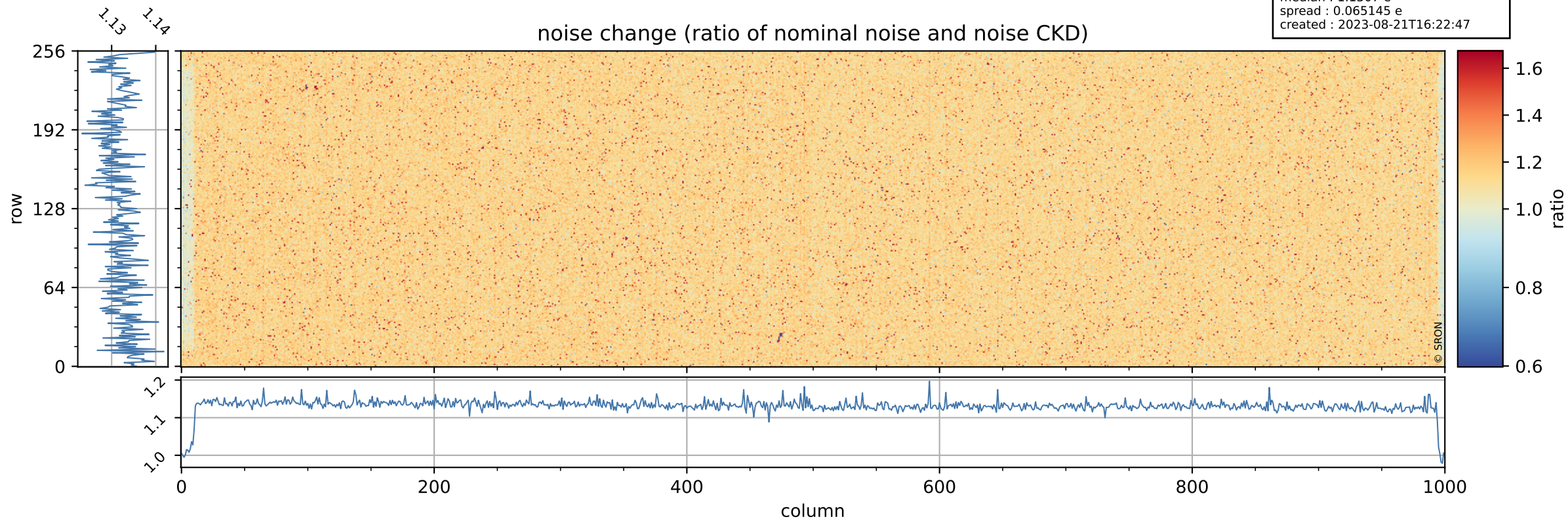
orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
median : 1.0035 e  
spread : 0.011271 e  
created : 2023-08-21T16:22:47





# Tropomi SWIR background noise (swir)

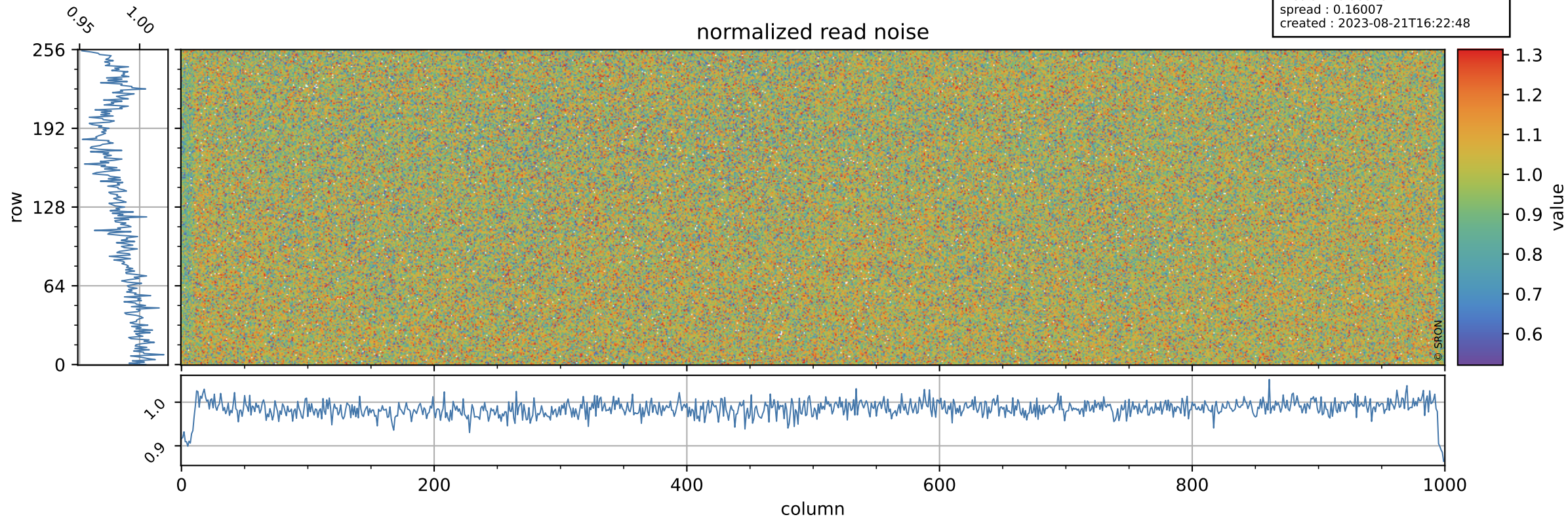
orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
median : 1.1307 e  
spread : 0.065145 e  
created : 2023-08-21T16:22:47





# Tropomi SWIR background noise (swir)

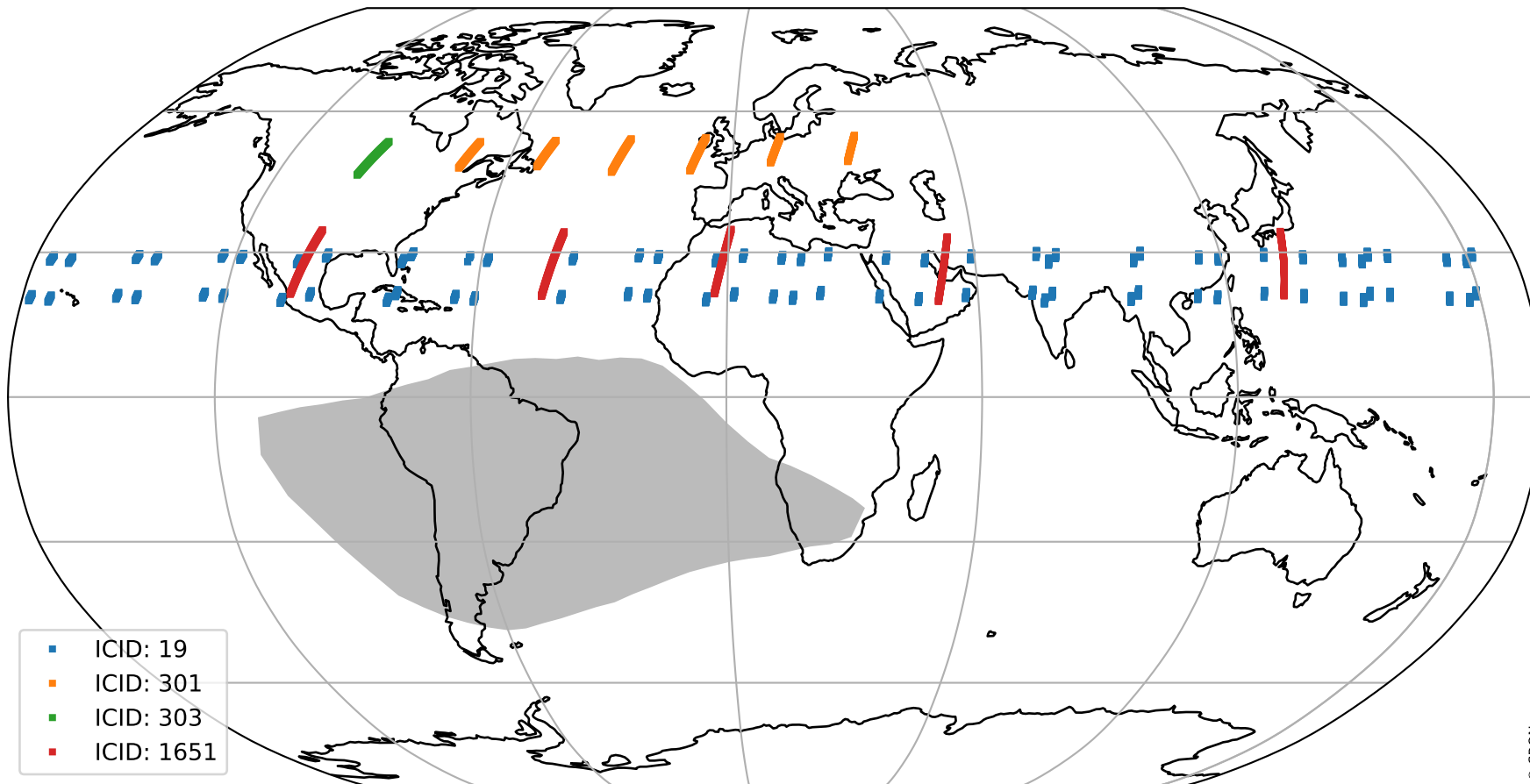
orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
median : 0.98316  
spread : 0.16007  
created : 2023-08-21T16:22:48





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

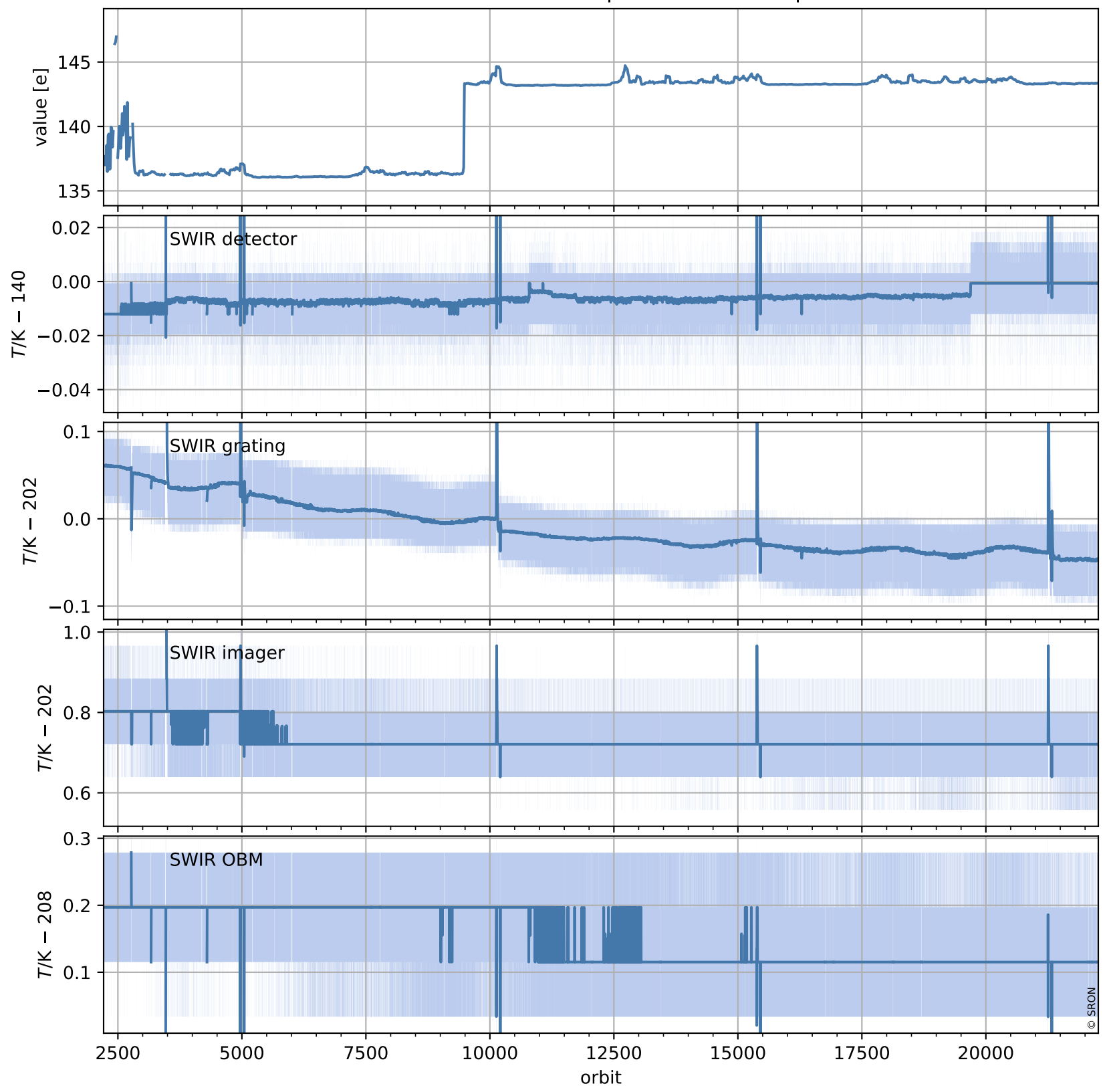
orbits : 12 in [22177, 22267]  
coverage : 2022-01-23 / 2022-01-29  
created : 2023-08-21T16:22:48



# Tropomi SWIR background noise (swir)

orbits : [2212, 22267]  
coverage : 2018-03-18 / 2022-01-29  
created : 2023-08-21T16:22:48

## trend of detector median of plain noise & temperatures

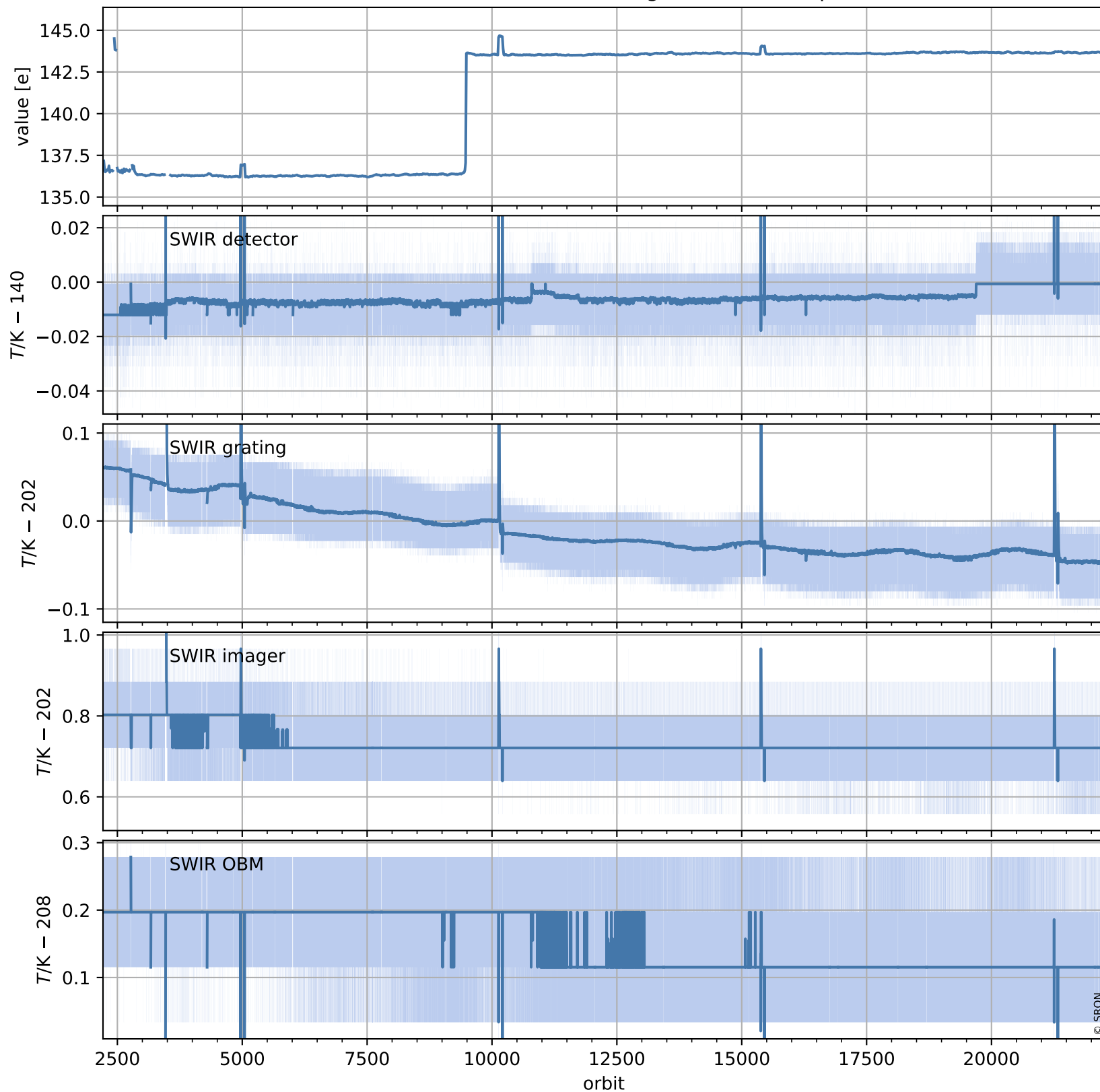




# Tropomi SWIR background noise (swir)

orbits : [2212, 22267]  
coverage : 2018-03-18 / 2022-01-29  
created : 2023-08-21T16:22:49

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22267]  
coverage : 2018-03-18 / 2022-01-29  
created : 2023-08-21T16:22:50

## trend of normalized read-noise & temperatures

