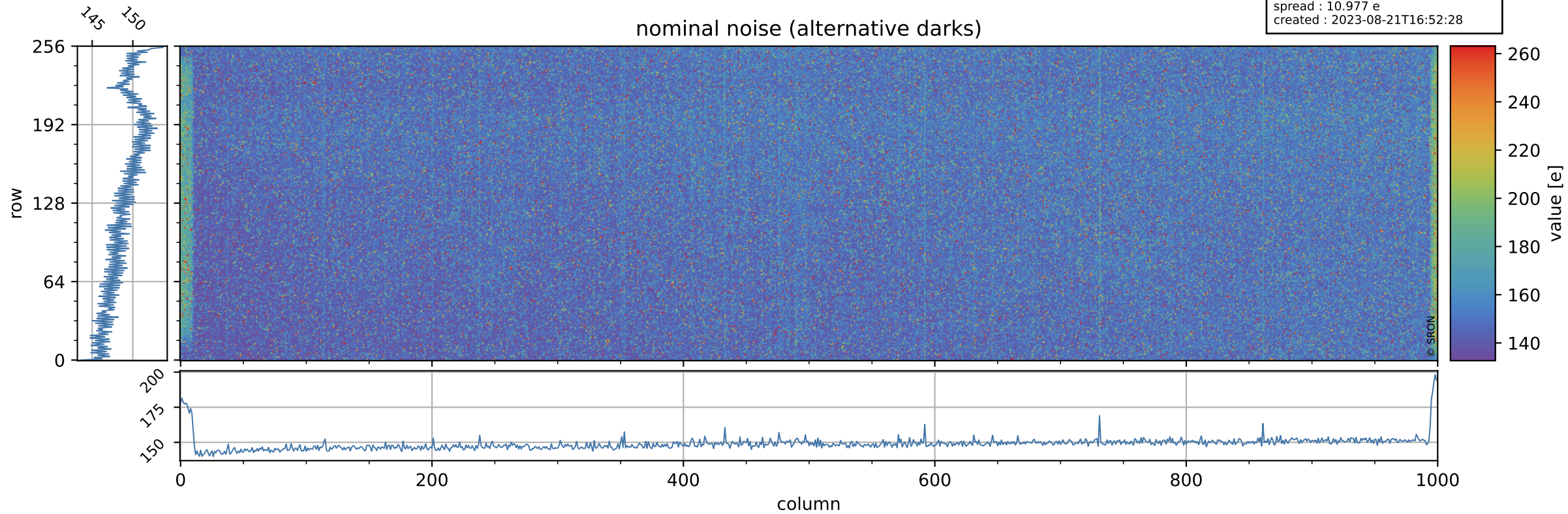


# Tropomi SWIR background noise (swir)

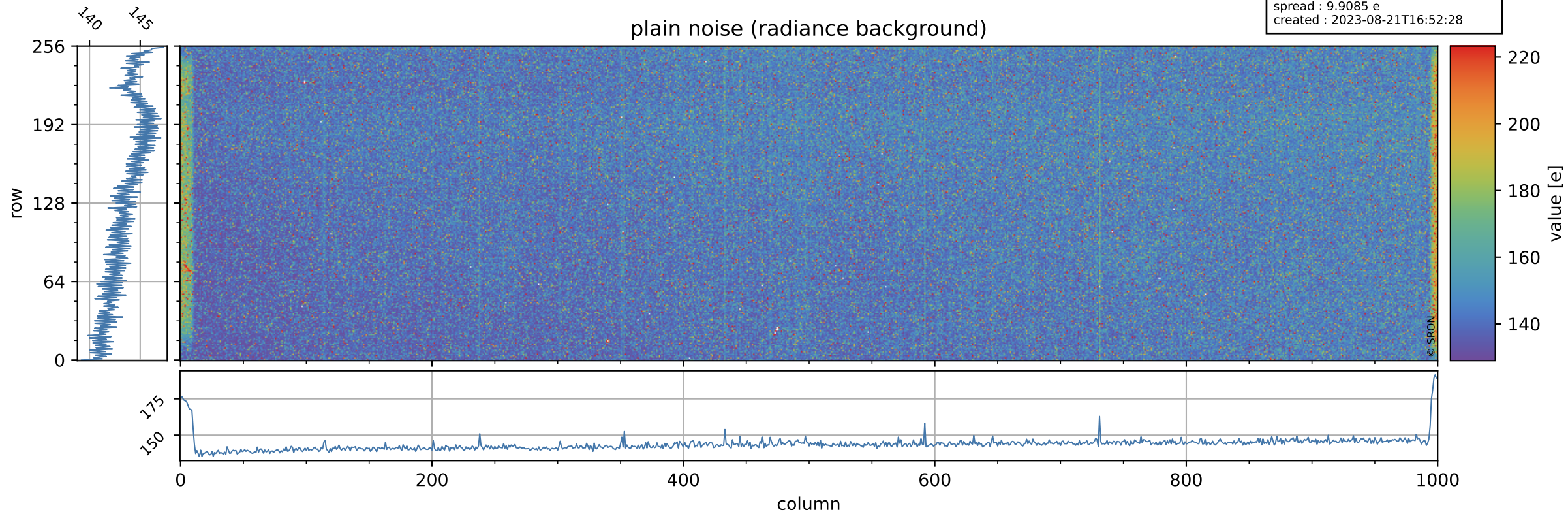
orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.83 e  
spread : 10.977 e  
created : 2023-08-21T16:52:28



# Tropomi SWIR background noise (swir)

orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.9085 e  
created : 2023-08-21T16:52:28

## plain noise (radiance background)

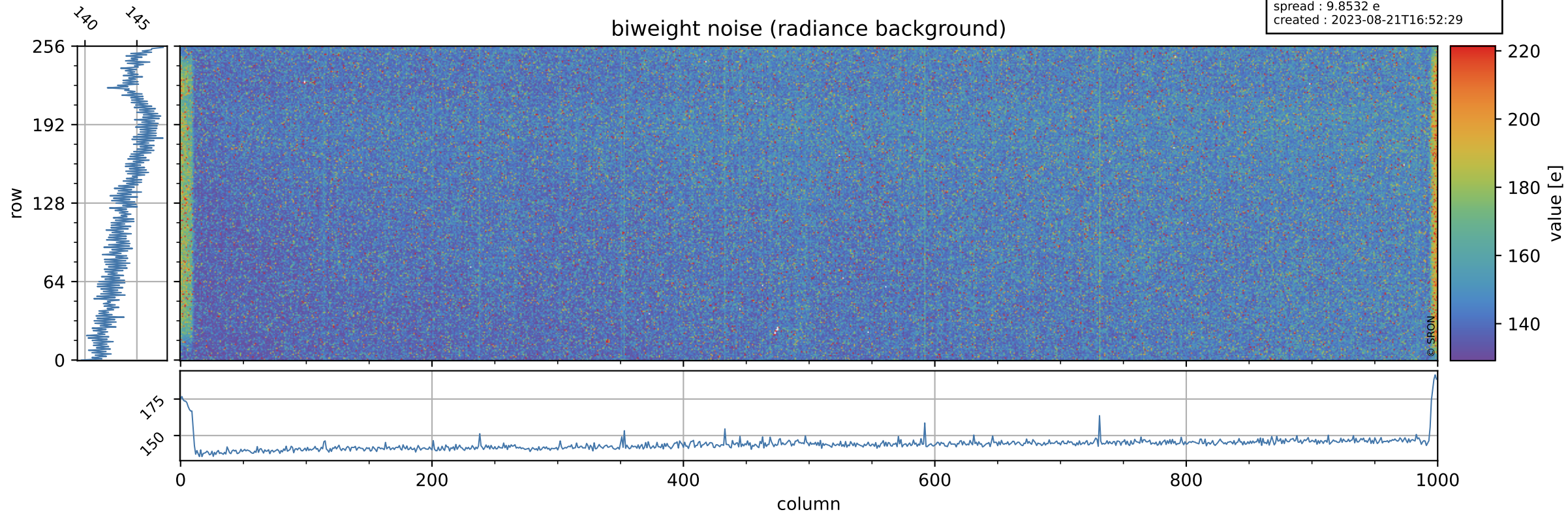




# Tropomi SWIR background noise (swir)

orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 9.8532 e  
created : 2023-08-21T16:52:29

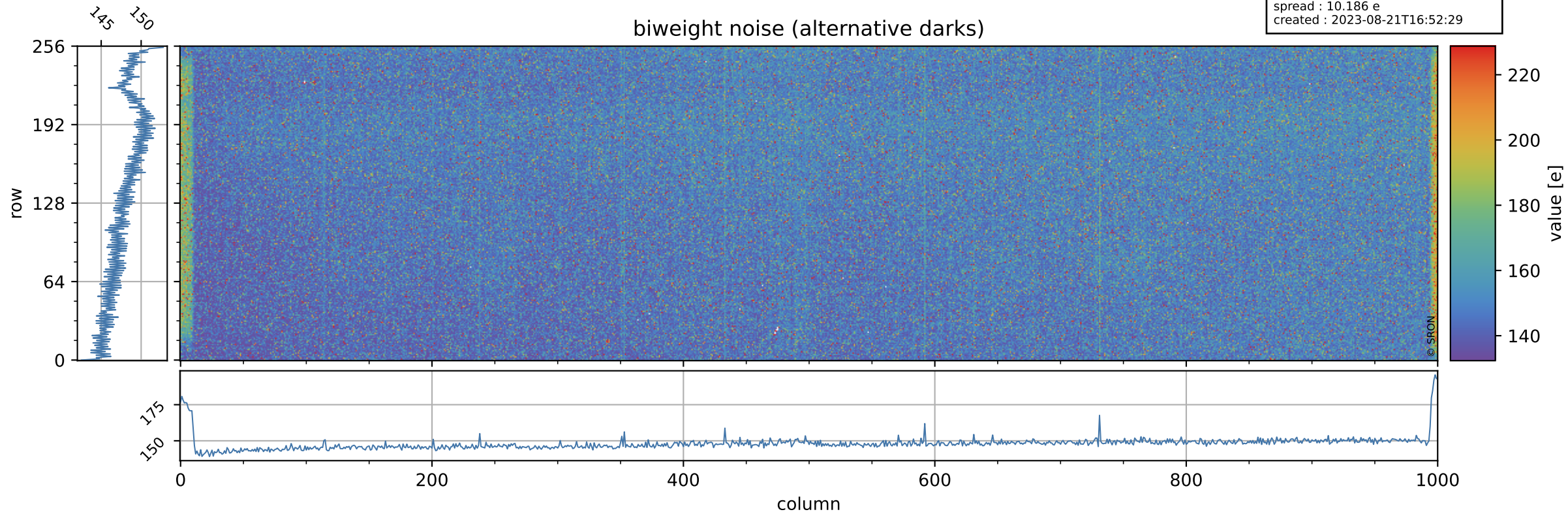
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.186 e  
created : 2023-08-21T16:52:29

## biweight noise (alternative darks)

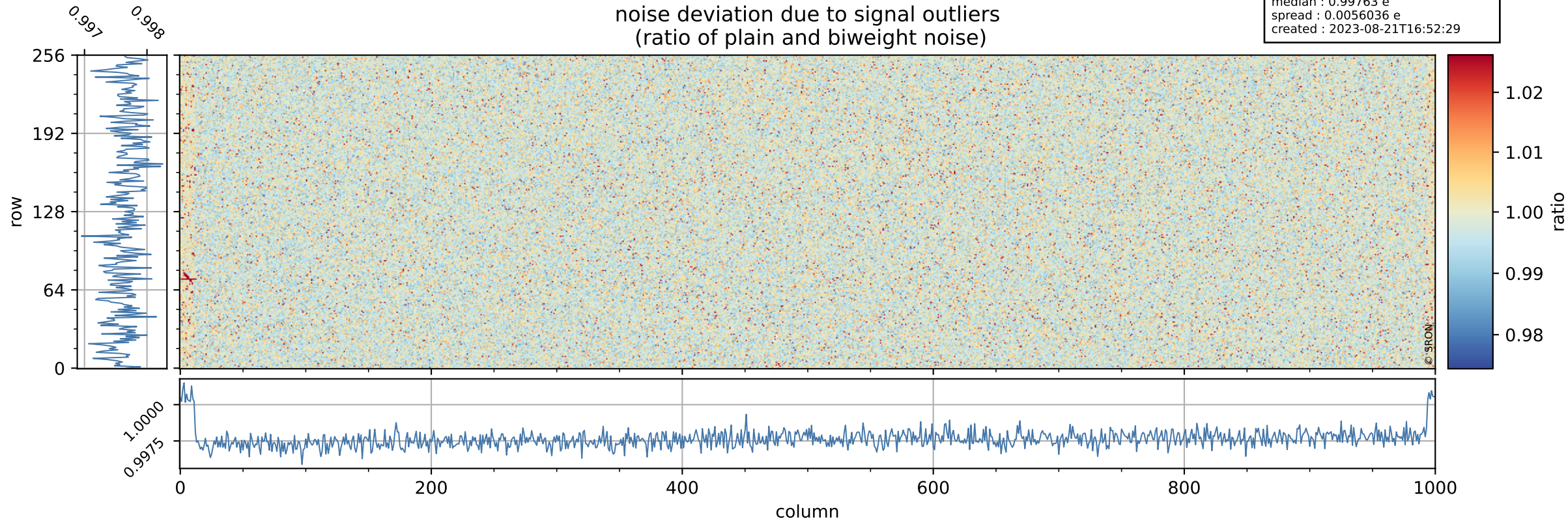




# Tropomi SWIR background noise (swir)

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

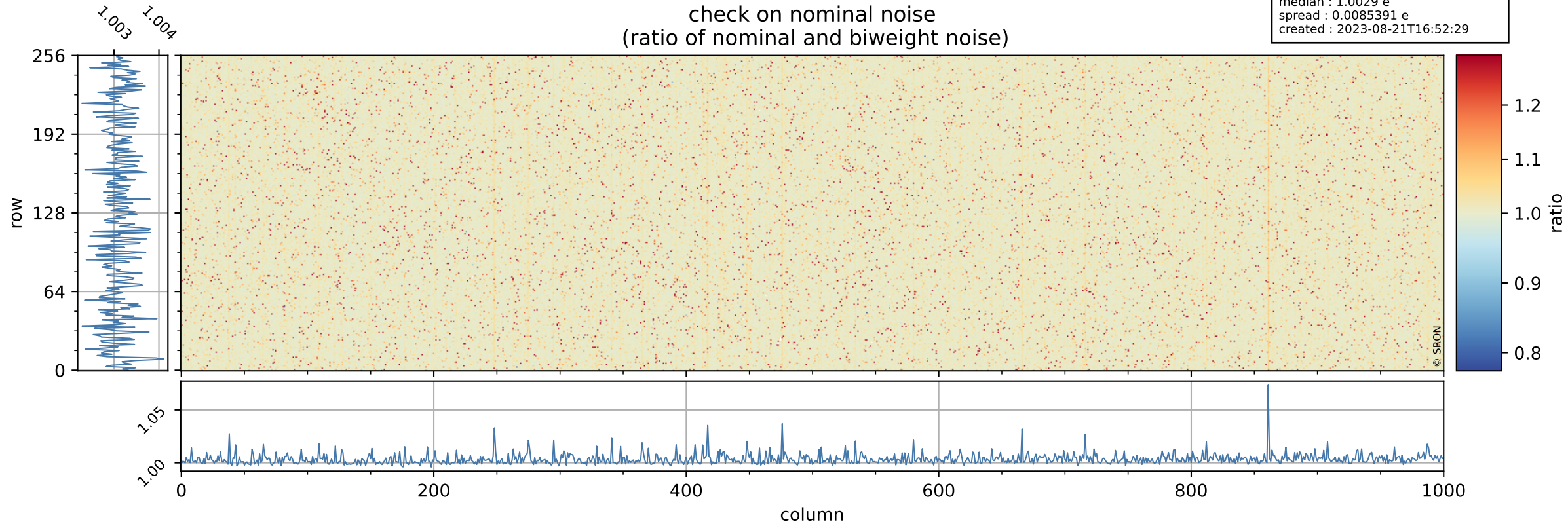
orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
median : 0.99763 e  
spread : 0.0056036 e  
created : 2023-08-21T16:52:29



# Tropomi SWIR background noise (swir)

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

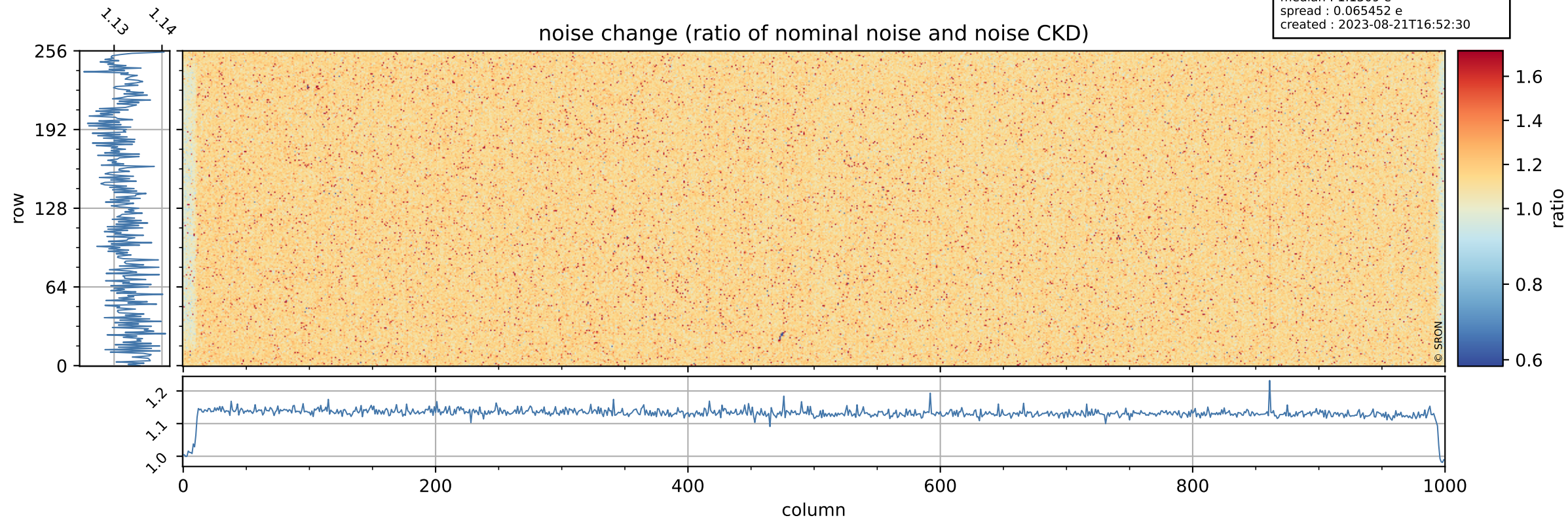
orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
median : 1.0029 e  
spread : 0.0085391 e  
created : 2023-08-21T16:52:29





# Tropomi SWIR background noise (swir)

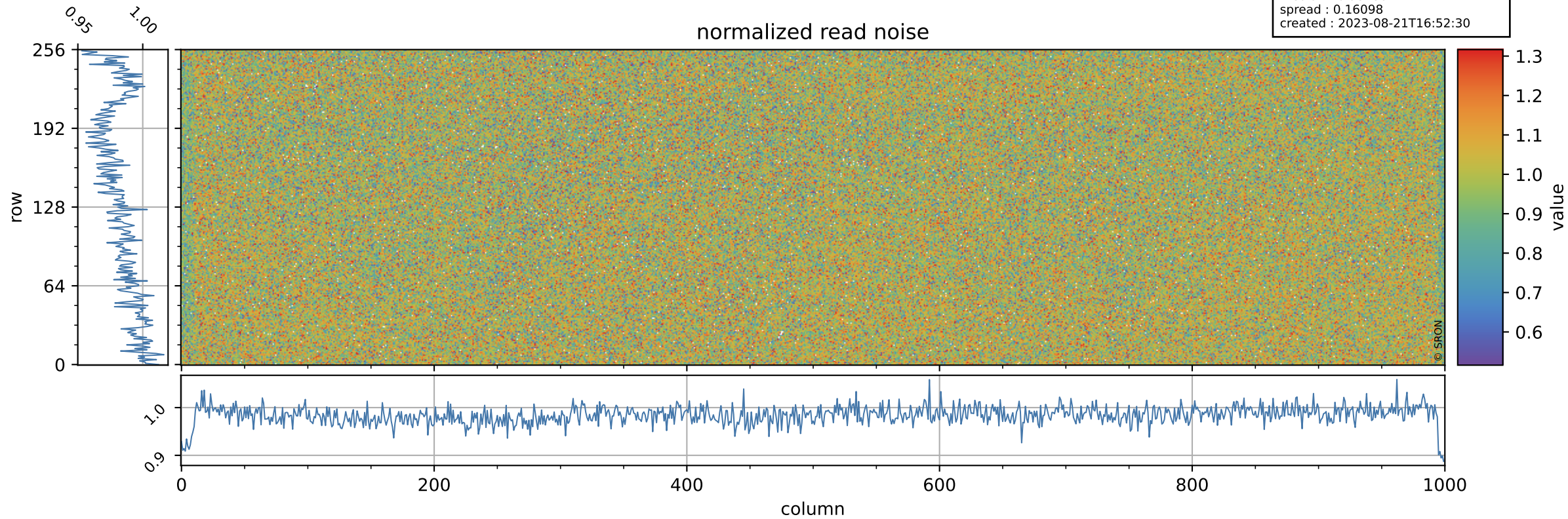
orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
median : 1.1309 e  
spread : 0.065452 e  
created : 2023-08-21T16:52:30





# Tropomi SWIR background noise (swir)

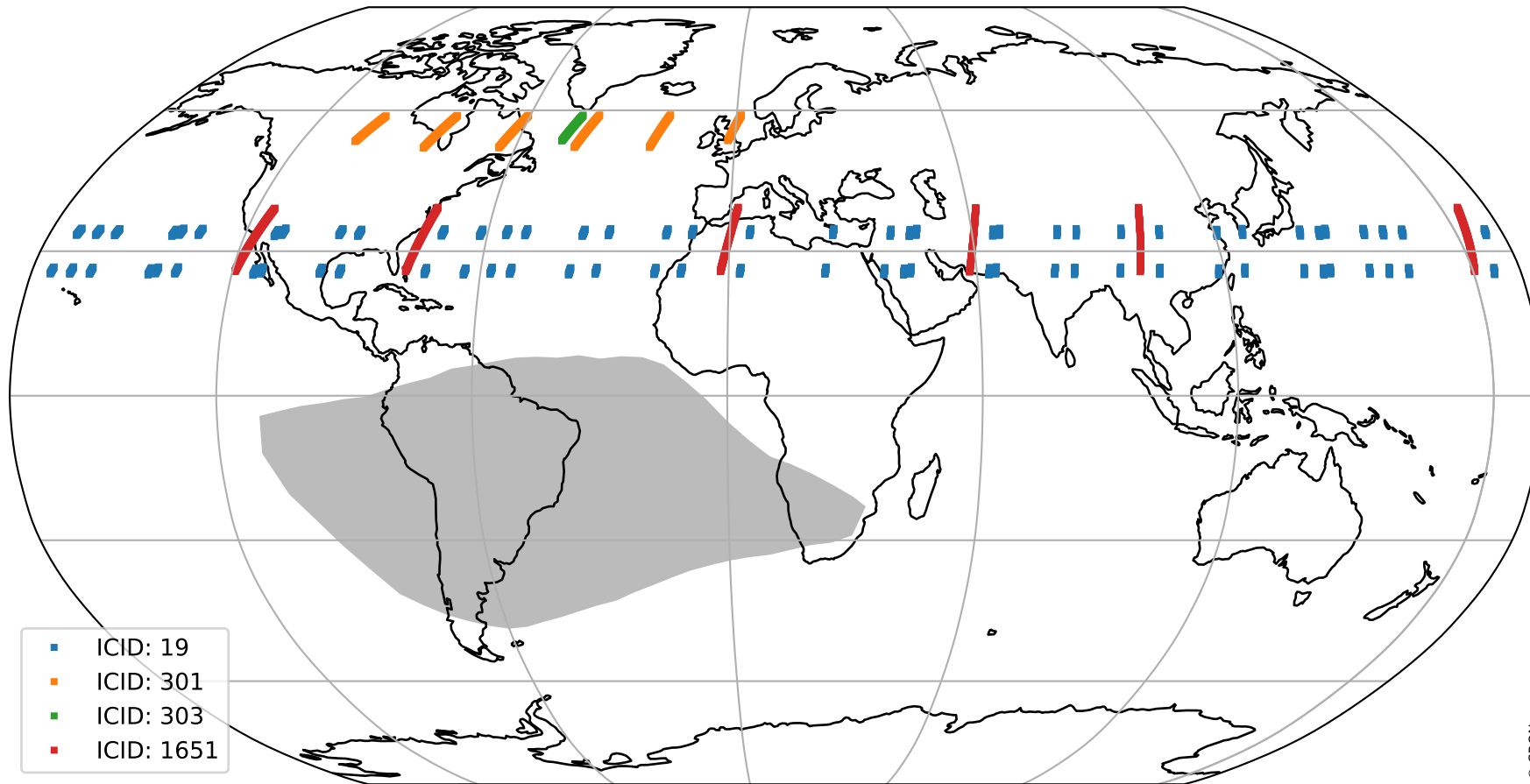
orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
median : 0.98286  
spread : 0.16098  
created : 2023-08-21T16:52:30





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

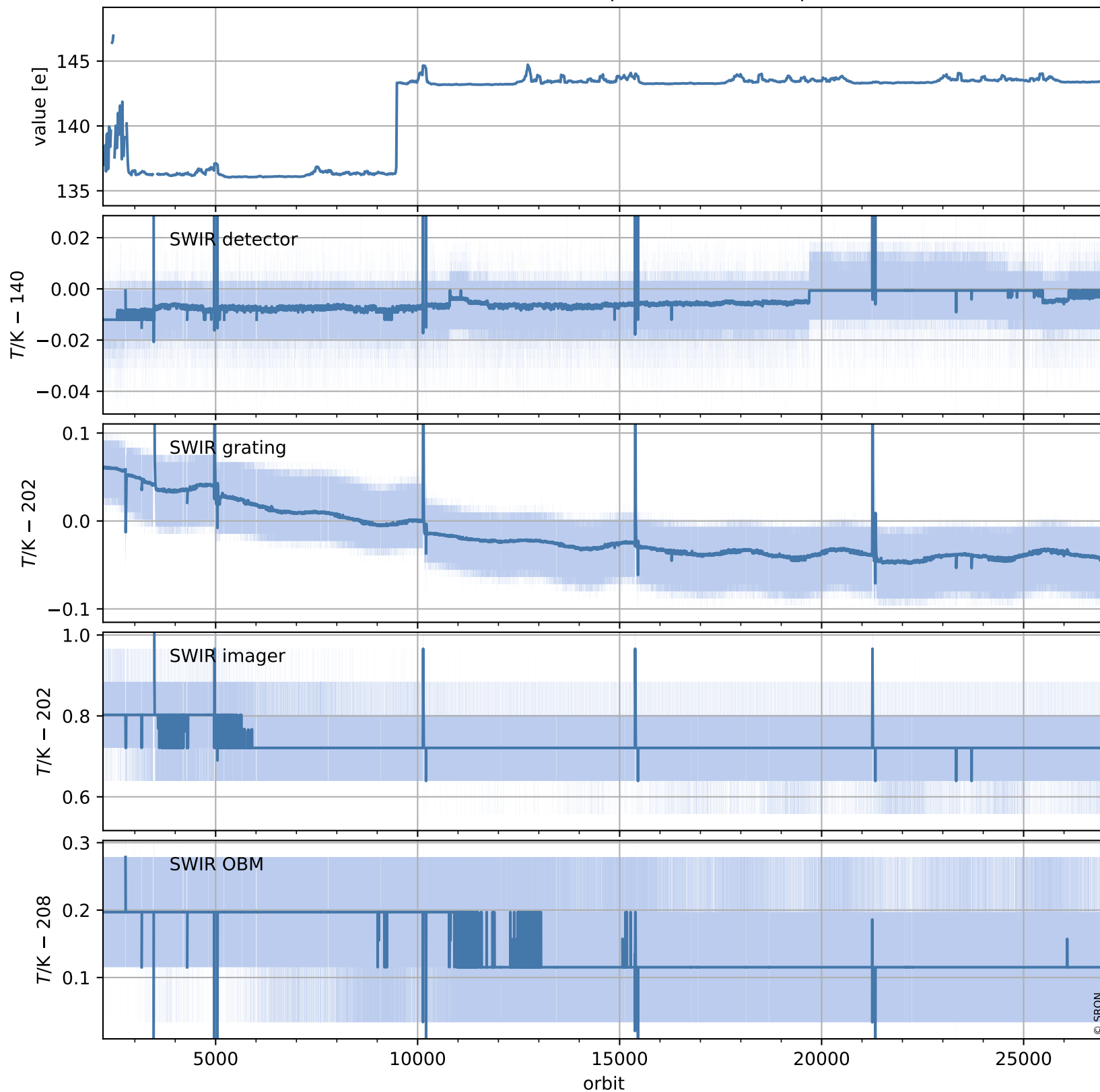
orbits : 13 in [26932, 27007]  
coverage : 2022-12-24 / 2022-12-29  
created : 2023-08-21T16:52:30



# Tropomi SWIR background noise (swir)

orbits : [2212, 27007]  
coverage : 2018-03-18 / 2022-12-29  
created : 2023-08-21T16:52:31

## trend of detector median of plain noise & temperatures

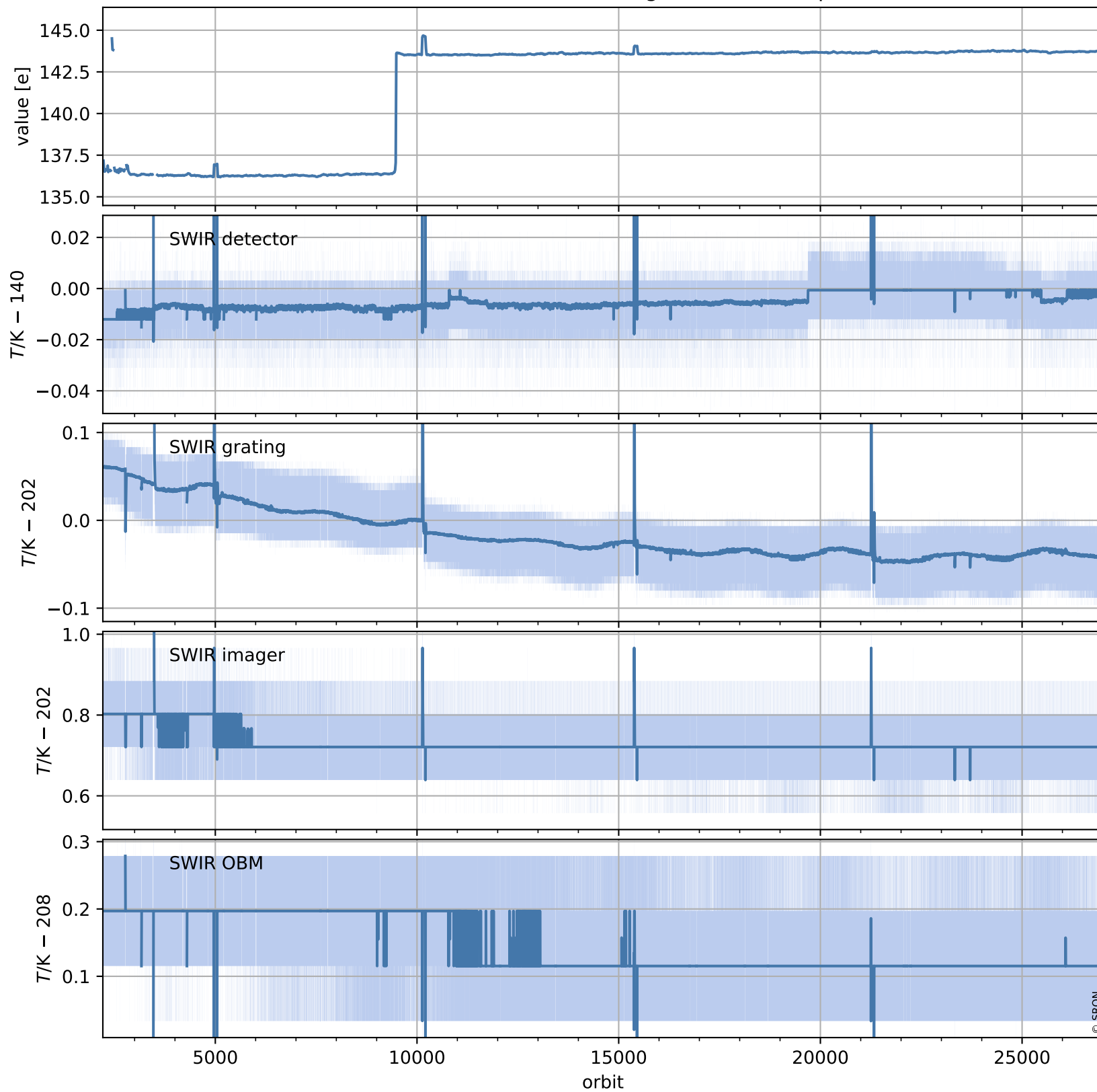




# Tropomi SWIR background noise (swir)

orbits : [2212, 27007]  
coverage : 2018-03-18 / 2022-12-29  
created : 2023-08-21T16:52:31

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 27007]  
coverage : 2018-03-18 / 2022-12-29  
created : 2023-08-21T16:52:32

## trend of normalized read-noise & temperatures

