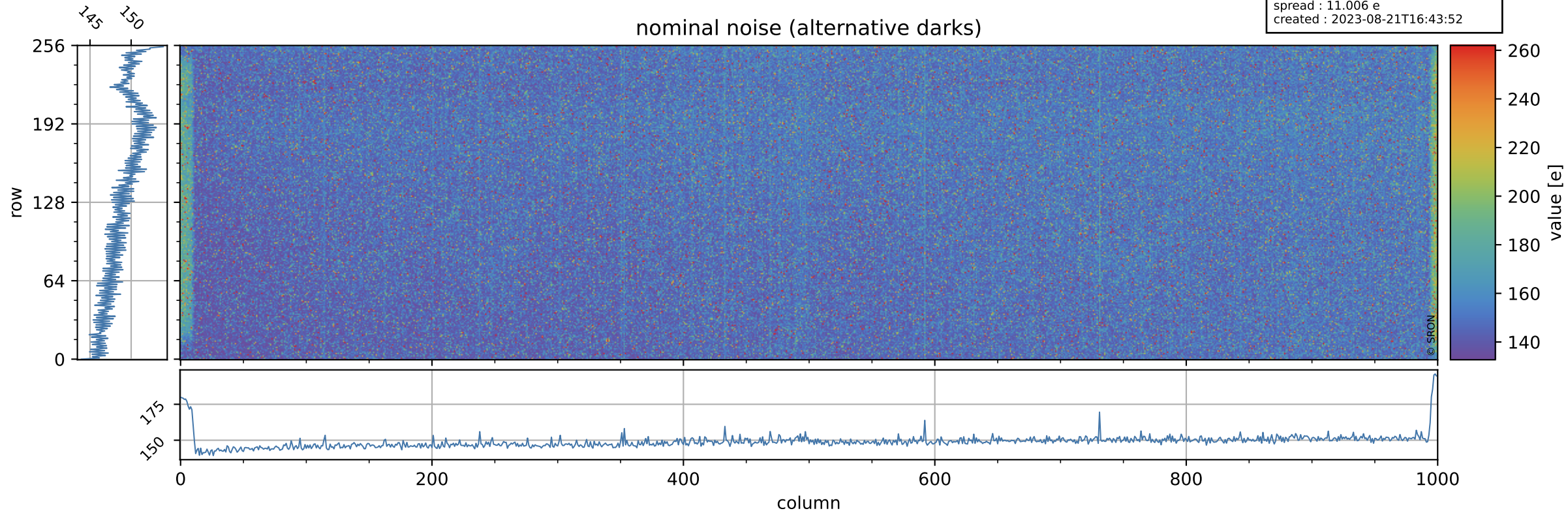


# Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
n\_coad, t\_exp : 1, 1.0783  
median : 148.88 e  
spread : 11.006 e  
created : 2023-08-21T16:43:52

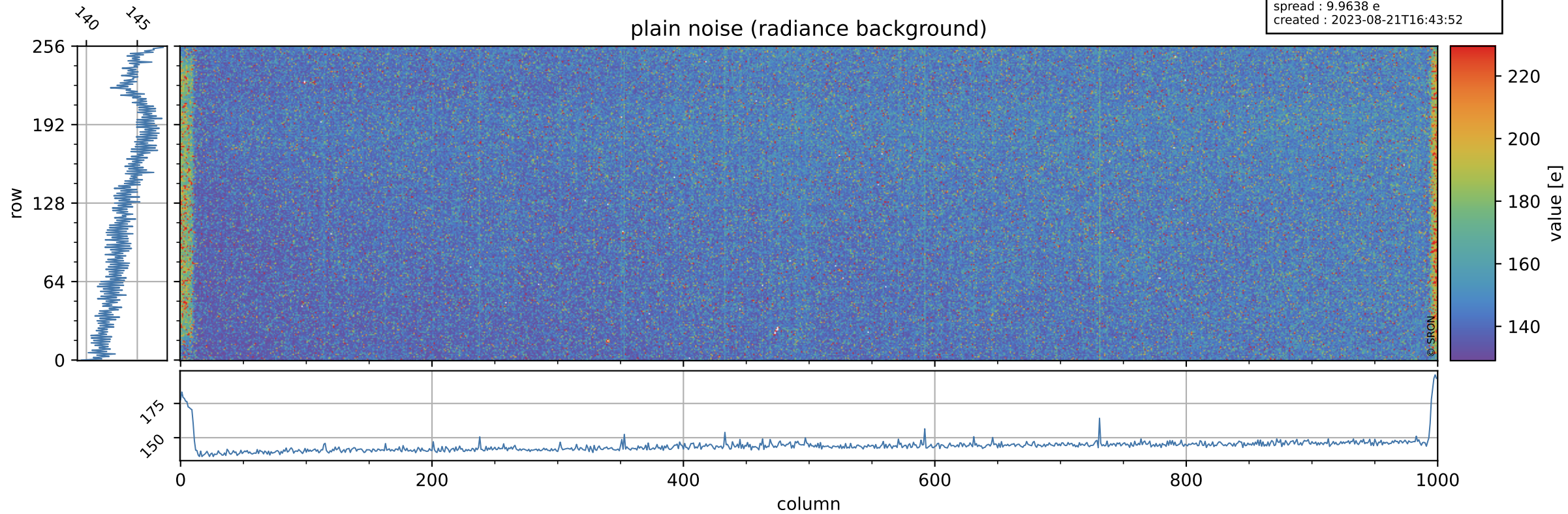
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.9638 e  
created : 2023-08-21T16:43:52

## plain noise (radiance background)

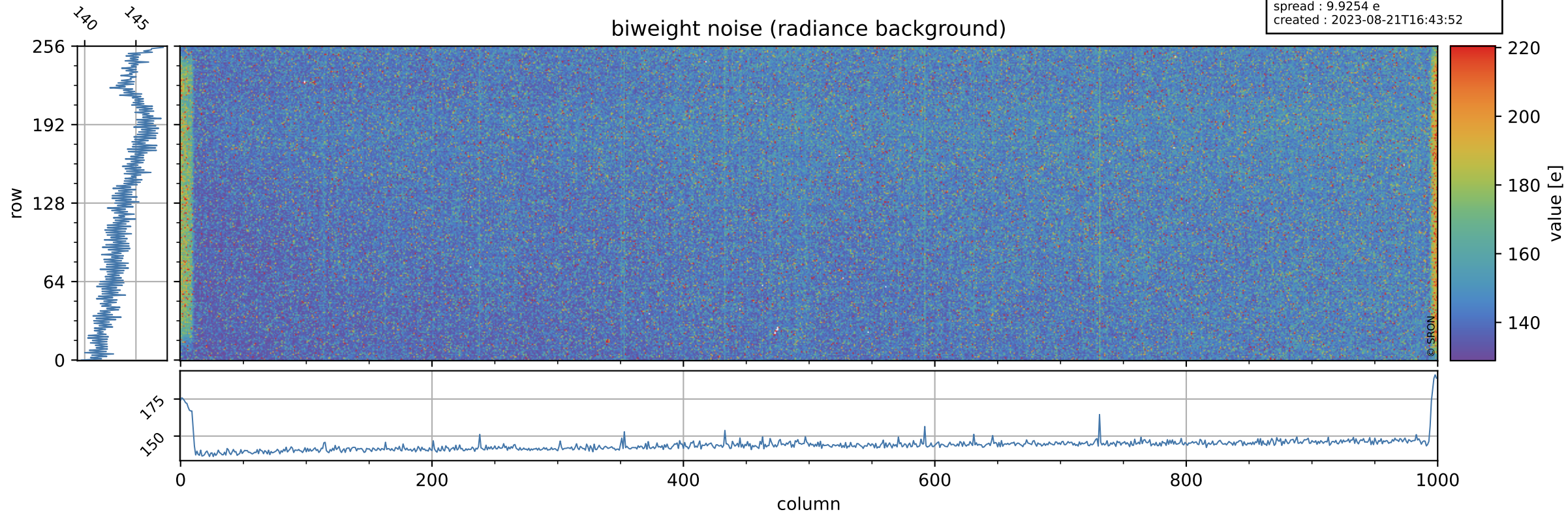




# Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 9.9254 e  
created : 2023-08-21T16:43:52

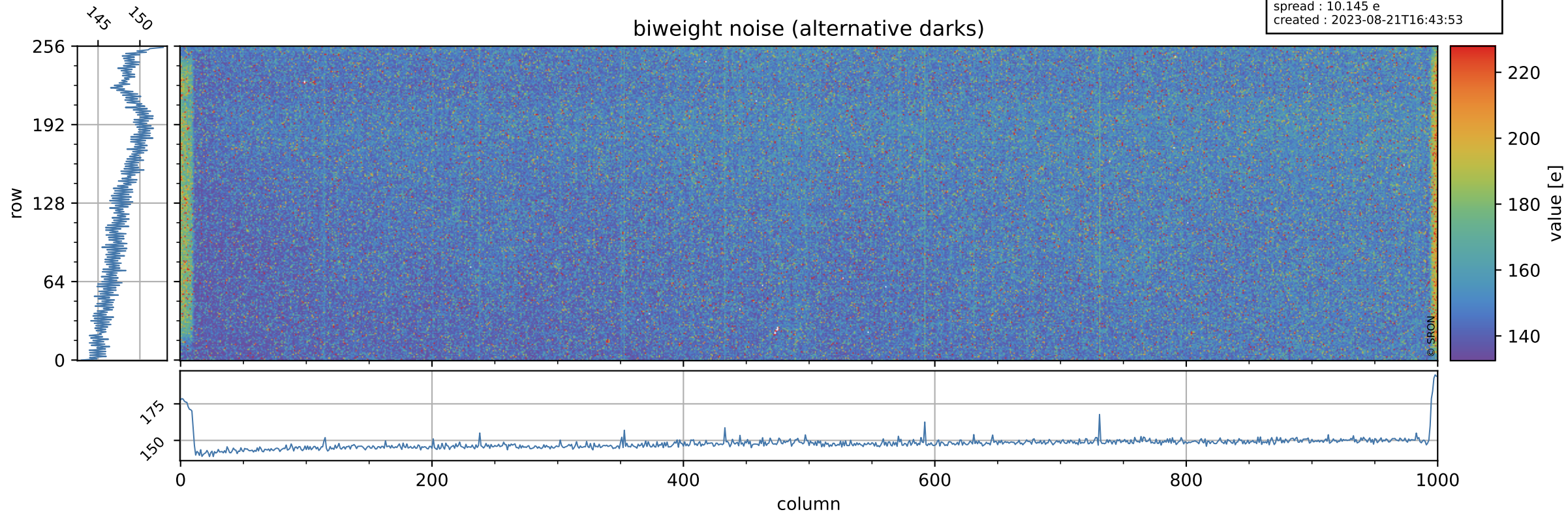
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.145 e  
created : 2023-08-21T16:43:53

## biweight noise (alternative darks)

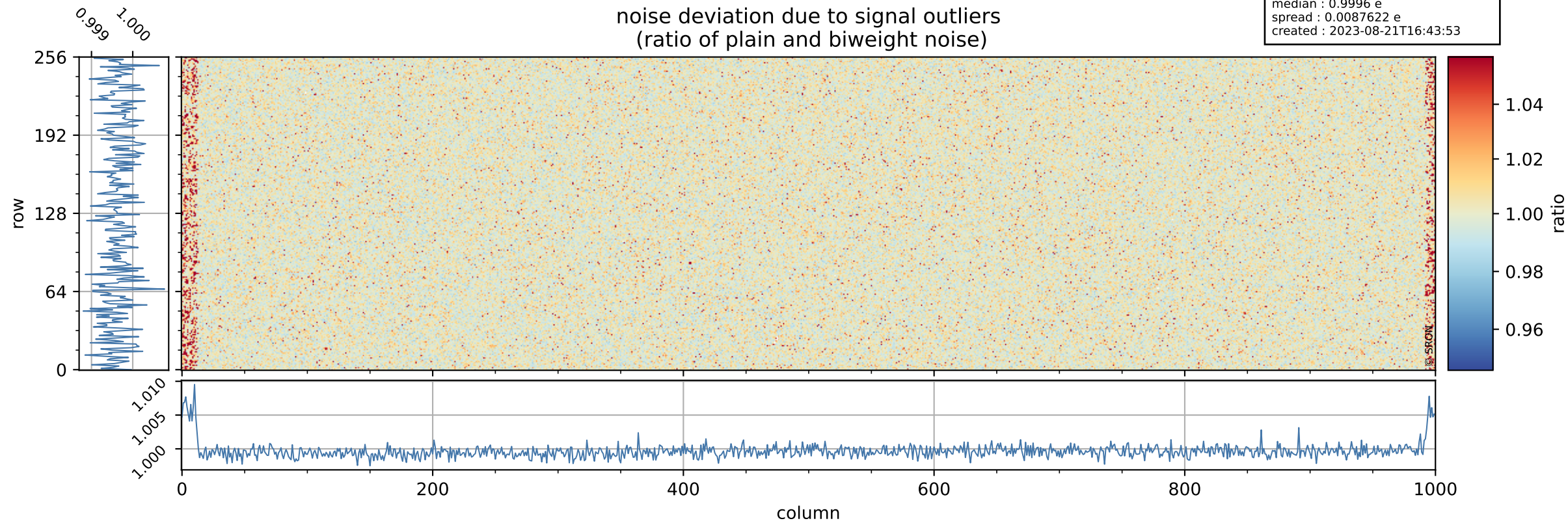




# Tropomi SWIR background noise (swir)

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

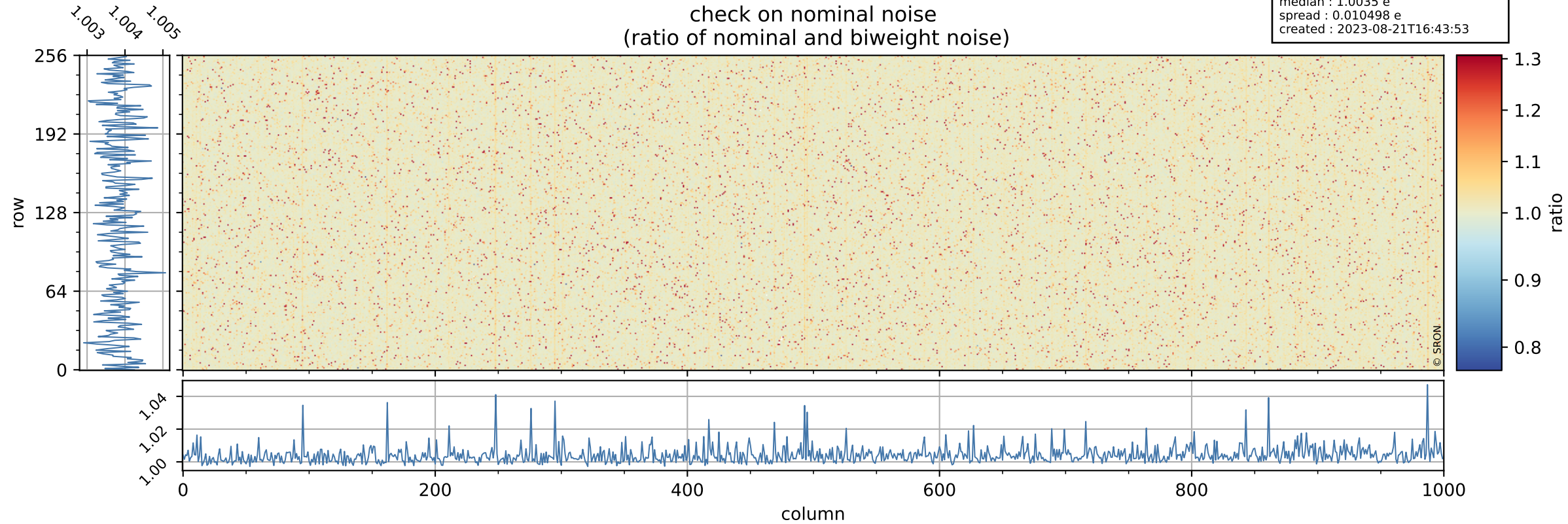
orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
median : 0.9996 e  
spread : 0.0087622 e  
created : 2023-08-21T16:43:53



# Tropomi SWIR background noise (swir)

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

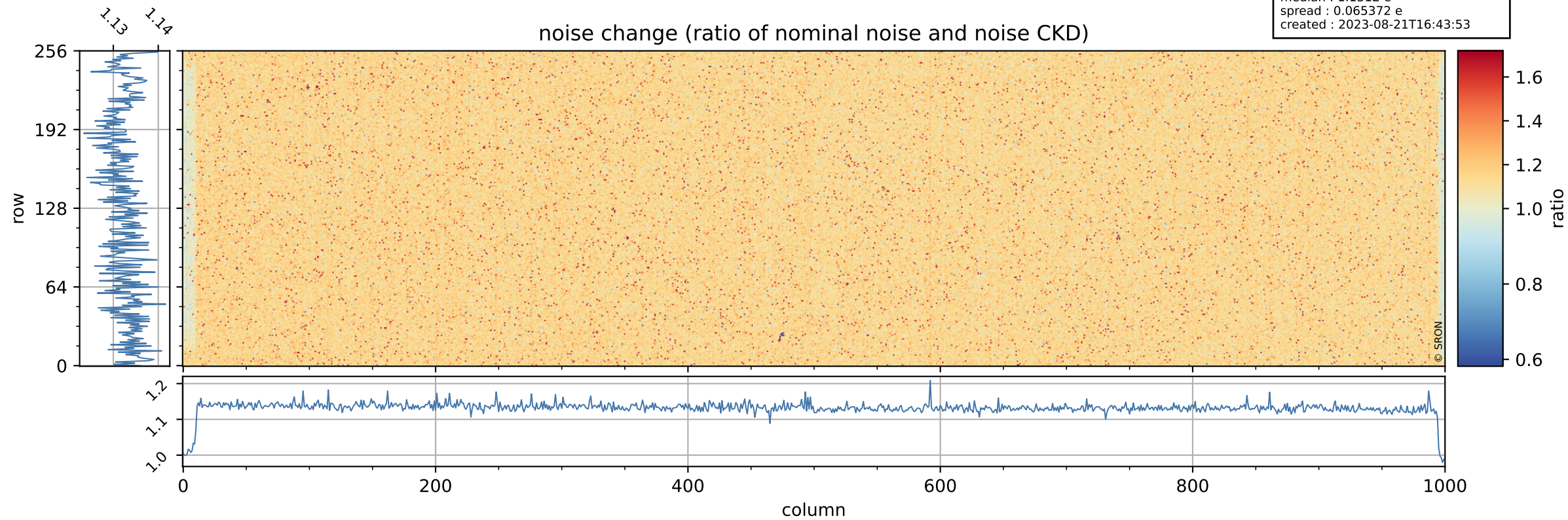
orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
median : 1.0035 e  
spread : 0.010498 e  
created : 2023-08-21T16:43:53





# Tropomi SWIR background noise (swir)

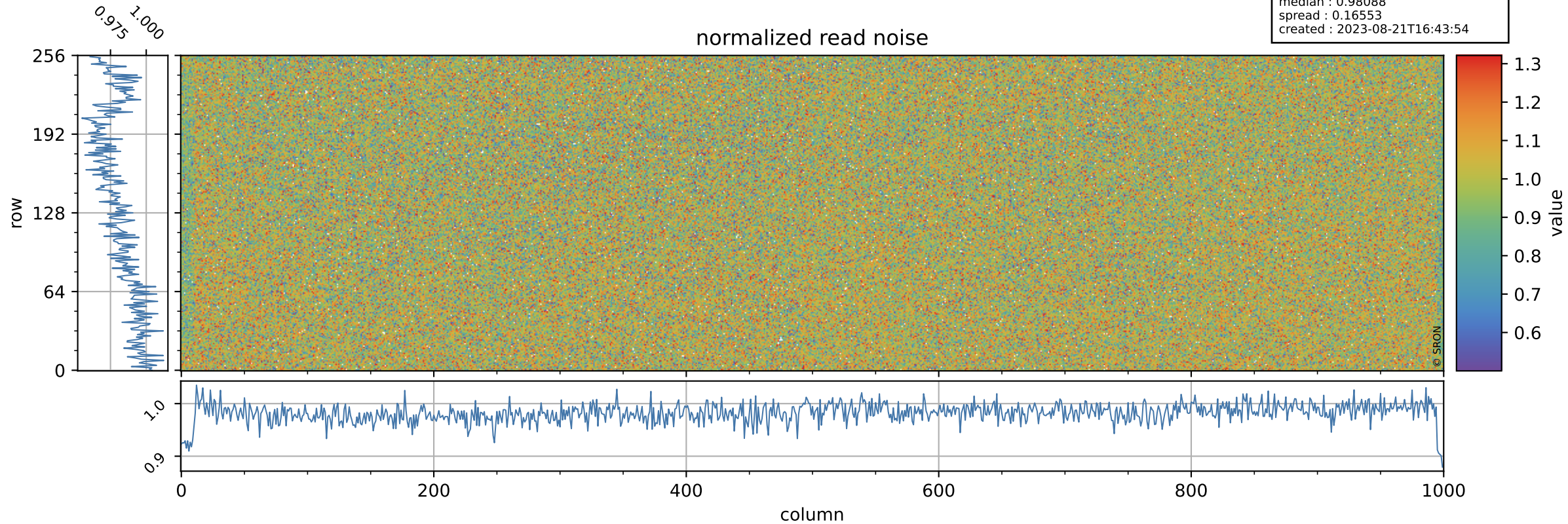
orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
median : 1.1312 e  
spread : 0.065372 e  
created : 2023-08-21T16:43:53





# Tropomi SWIR background noise (swir)

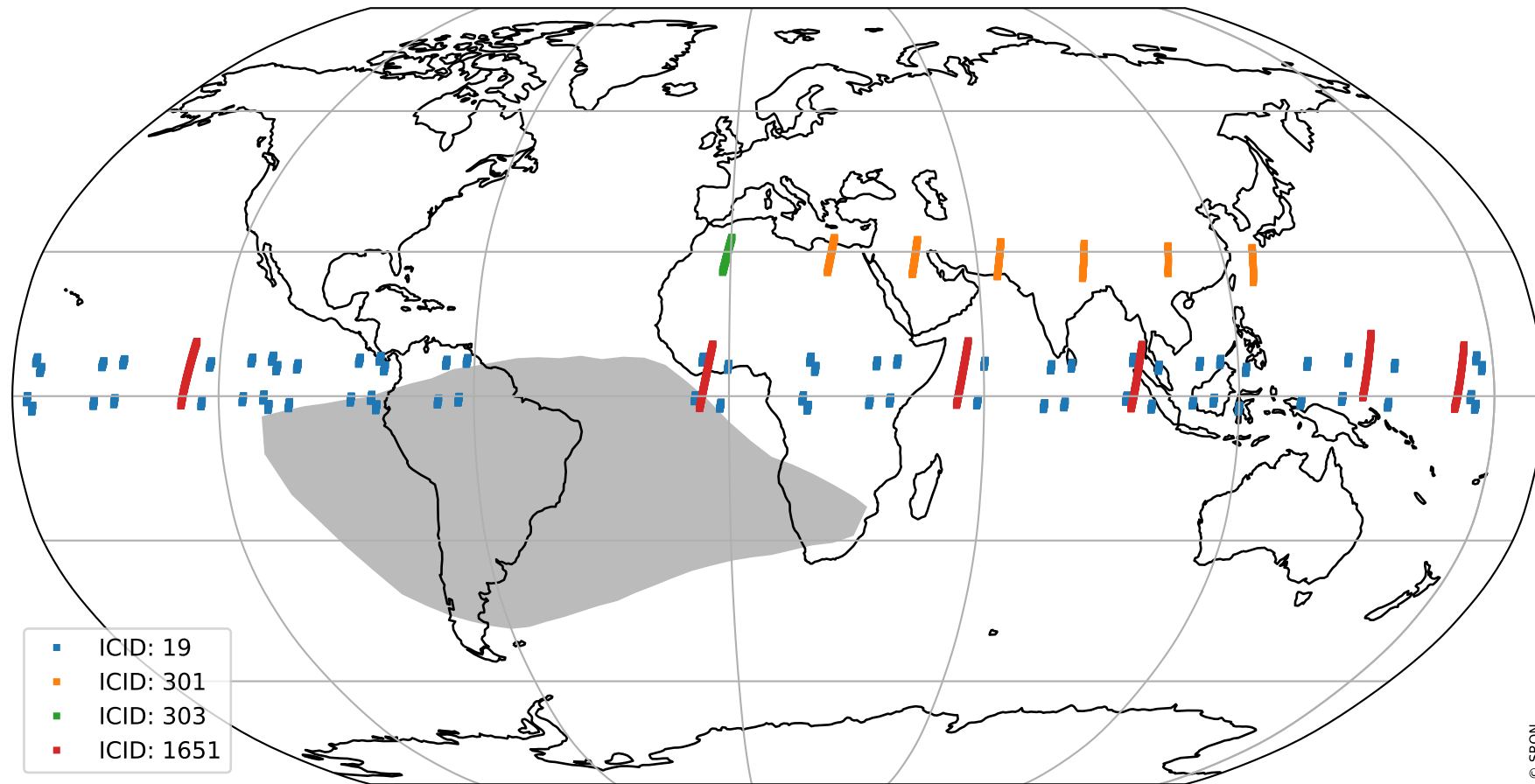
orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
median : 0.98088  
spread : 0.16553  
created : 2023-08-21T16:43:54





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

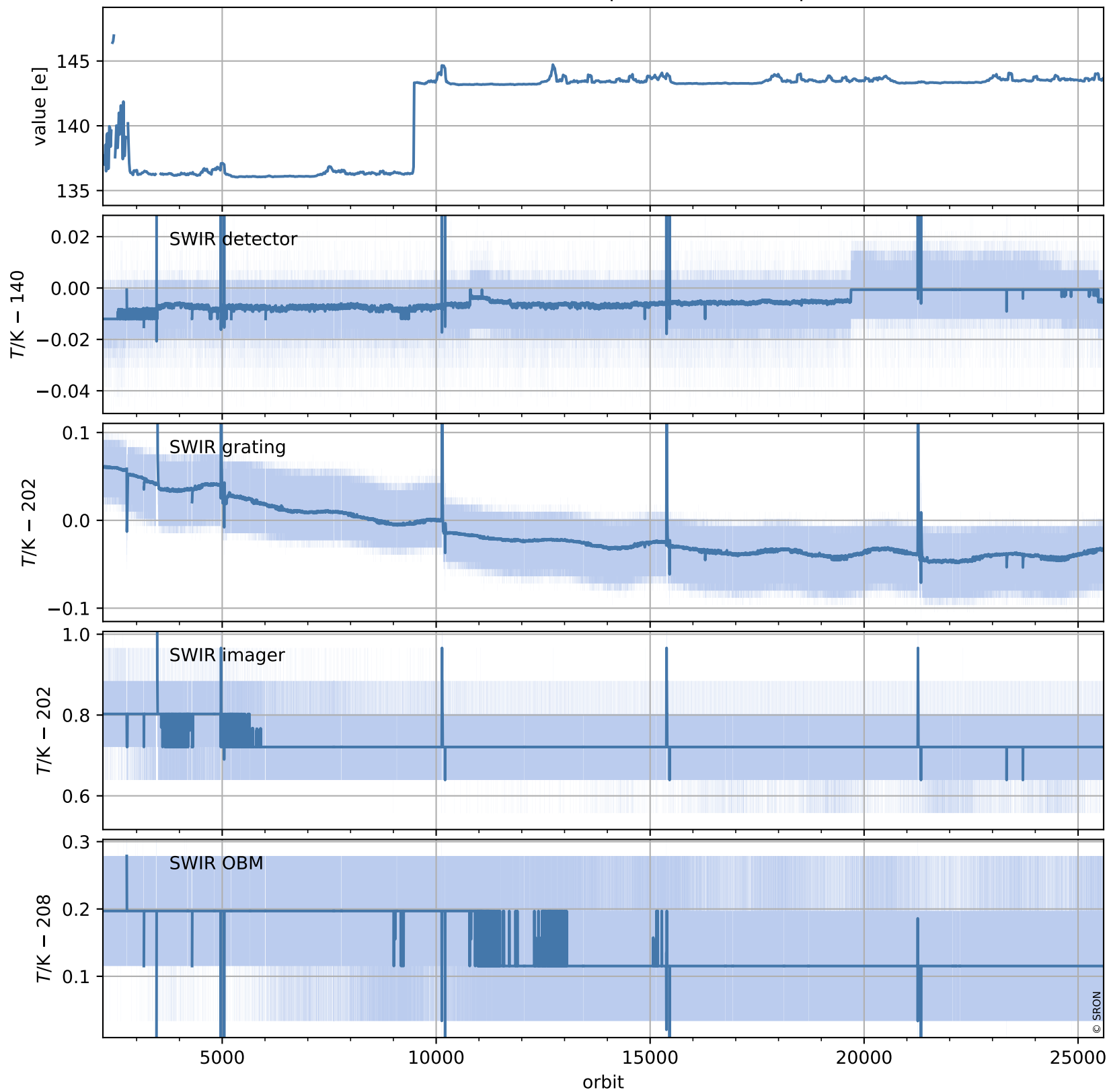
orbits : 13 in [25507, 25597]  
coverage : 2022-09-15 / 2022-09-21  
created : 2023-08-21T16:43:54



# Tropomi SWIR background noise (swir)

orbits : [2212, 25597]  
coverage : 2018-03-18 / 2022-09-21  
created : 2023-08-21T16:43:54

## trend of detector median of plain noise & temperatures

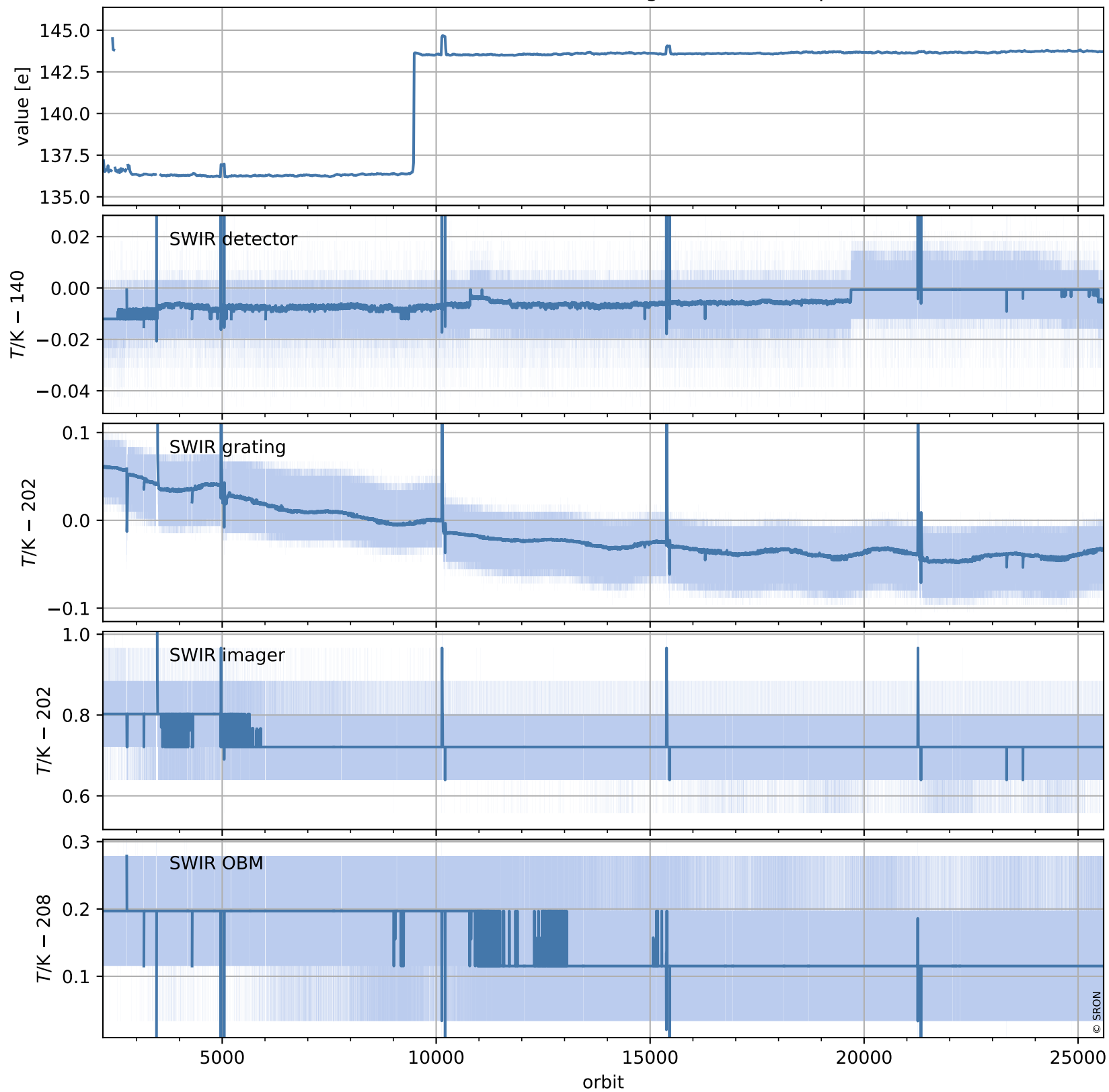




# Tropomi SWIR background noise (swir)

orbits : [2212, 25597]  
coverage : 2018-03-18 / 2022-09-21  
created : 2023-08-21T16:43:55

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25597]  
coverage : 2018-03-18 / 2022-09-21  
created : 2023-08-21T16:43:56

## trend of normalized read-noise & temperatures

