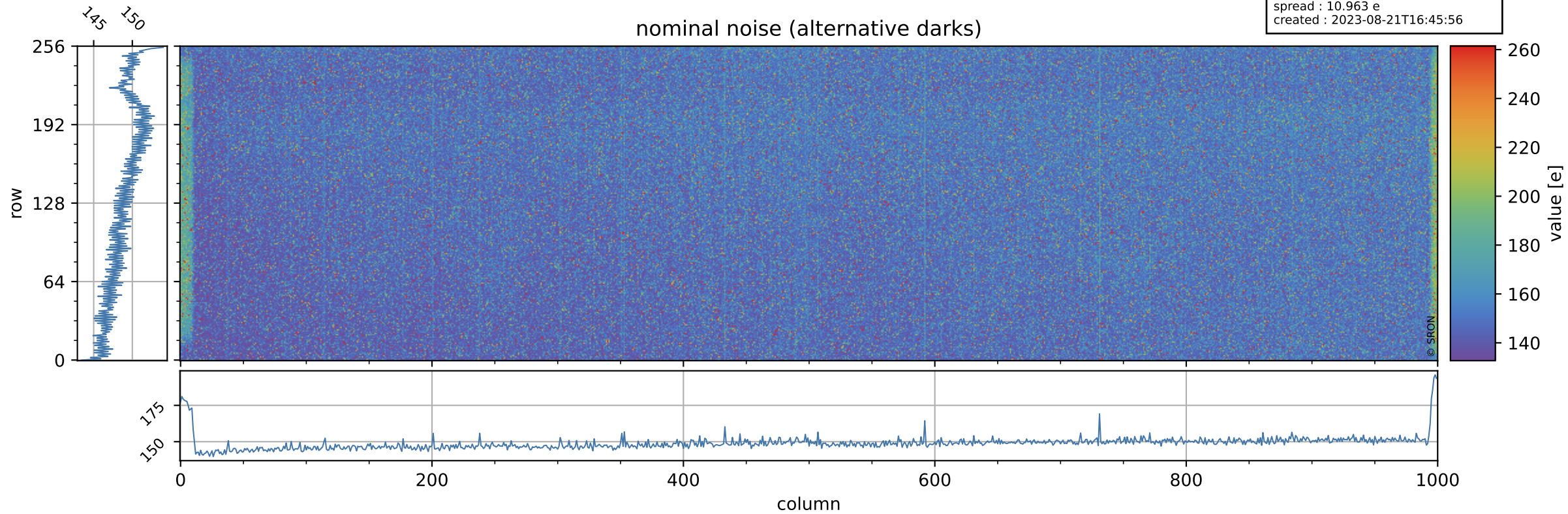


# Tropomi SWIR background noise (swir)

orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
n\_coad, t\_exp : 1, 1.0783  
median : 148.8 e  
spread : 10.963 e  
created : 2023-08-21T16:45:56

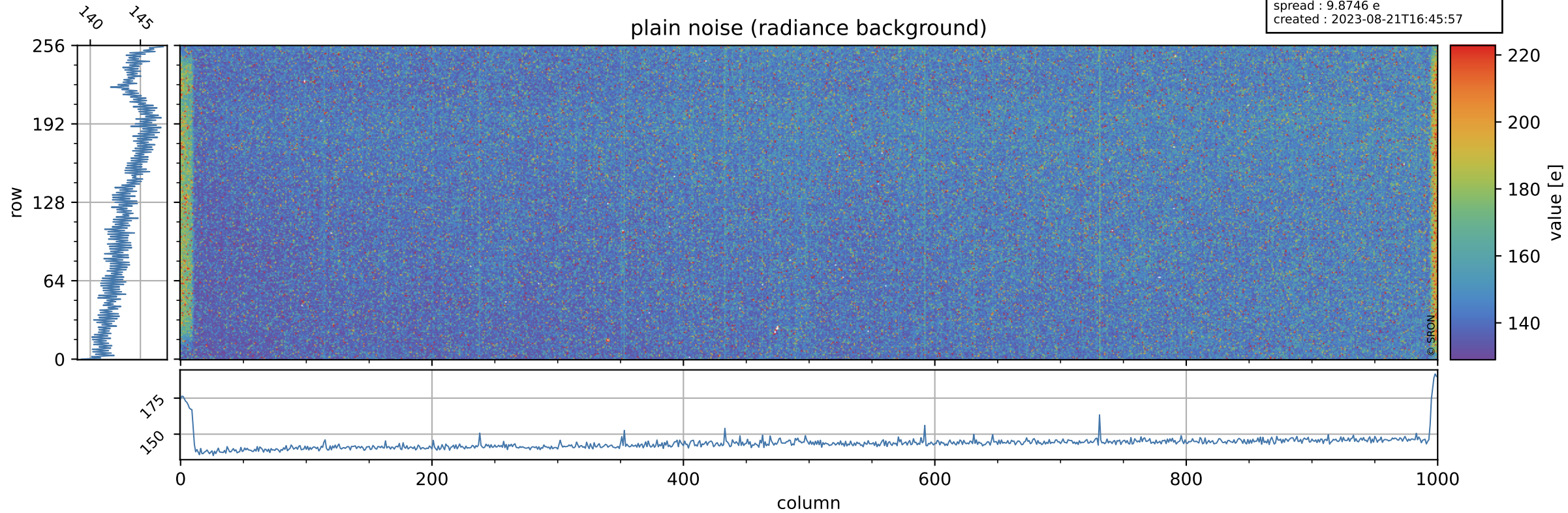
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.8746 e  
created : 2023-08-21T16:45:57

plain noise (radiance background)

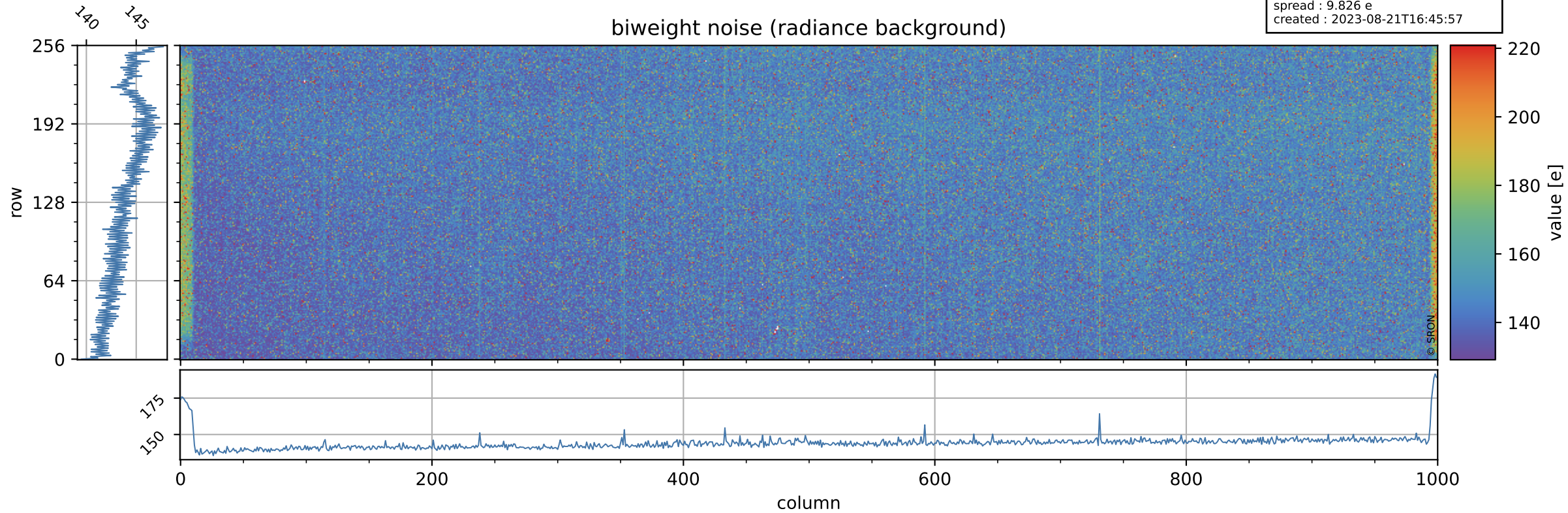




# Tropomi SWIR background noise (swir)

orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 9.826 e  
created : 2023-08-21T16:45:57

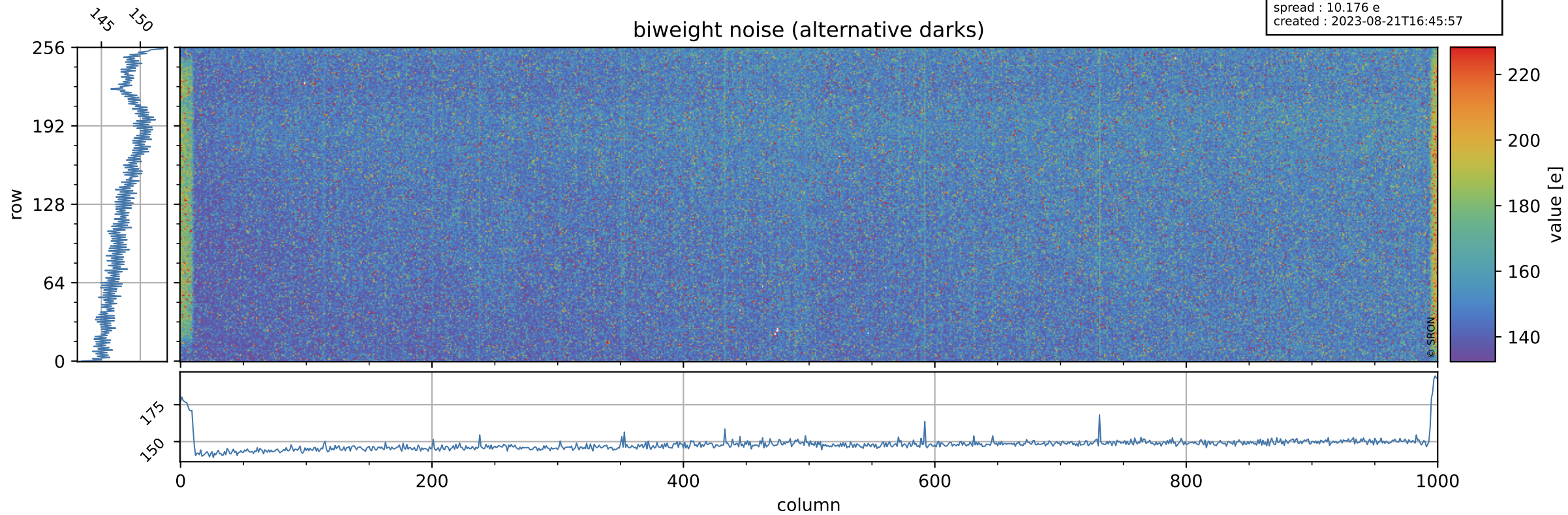
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
n\_coad, t\_exp : 1, 1.0783  
median : 147.85 e  
spread : 10.176 e  
created : 2023-08-21T16:45:57

## biweight noise (alternative darks)

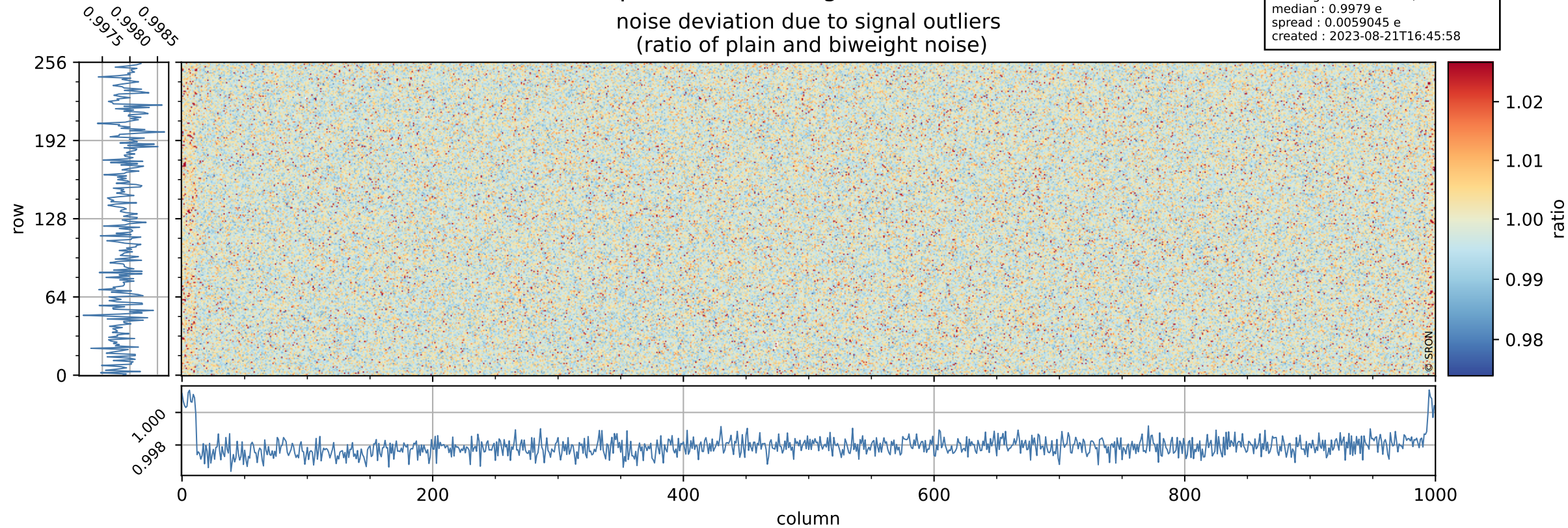




# Tropomi SWIR background noise (swir)

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

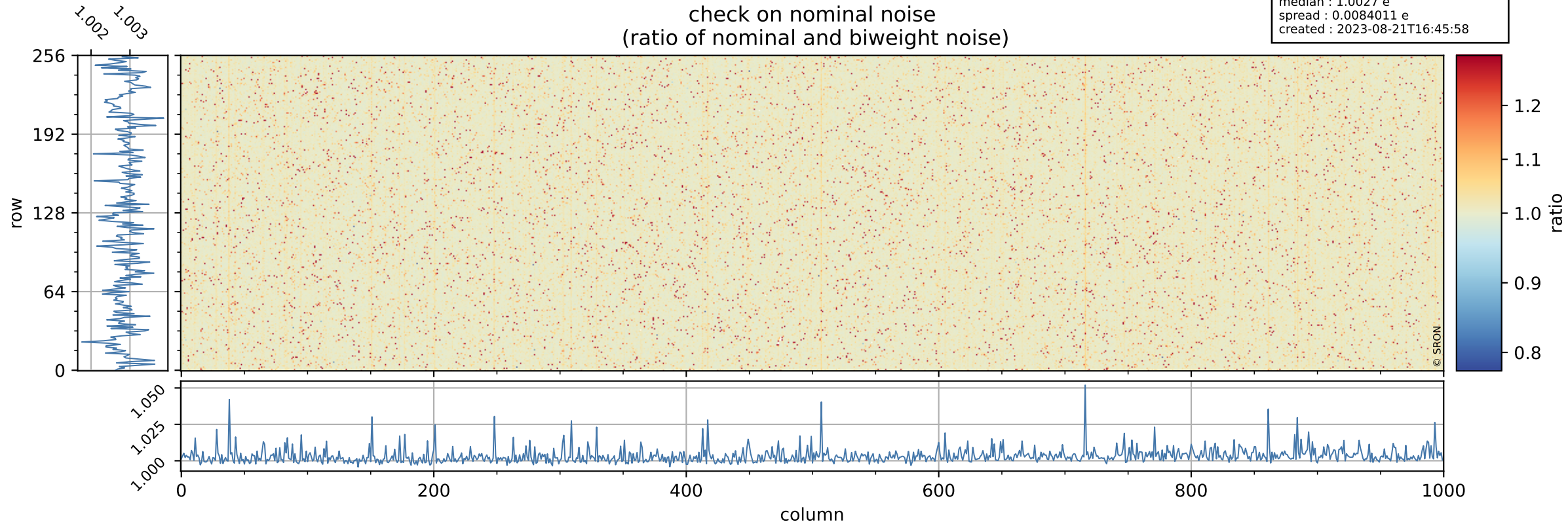
orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
median : 0.9979 e  
spread : 0.0059045 e  
created : 2023-08-21T16:45:58



# Tropomi SWIR background noise (swir)

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

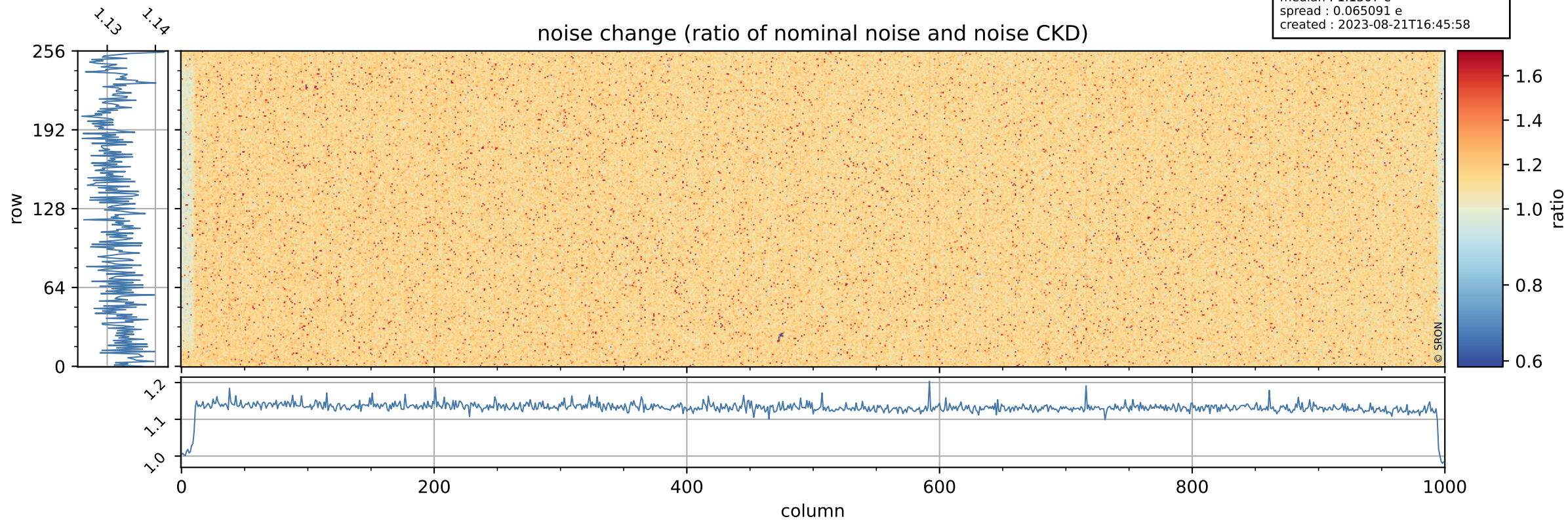
orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
median : 1.0027 e  
spread : 0.0084011 e  
created : 2023-08-21T16:45:58





# Tropomi SWIR background noise (swir)

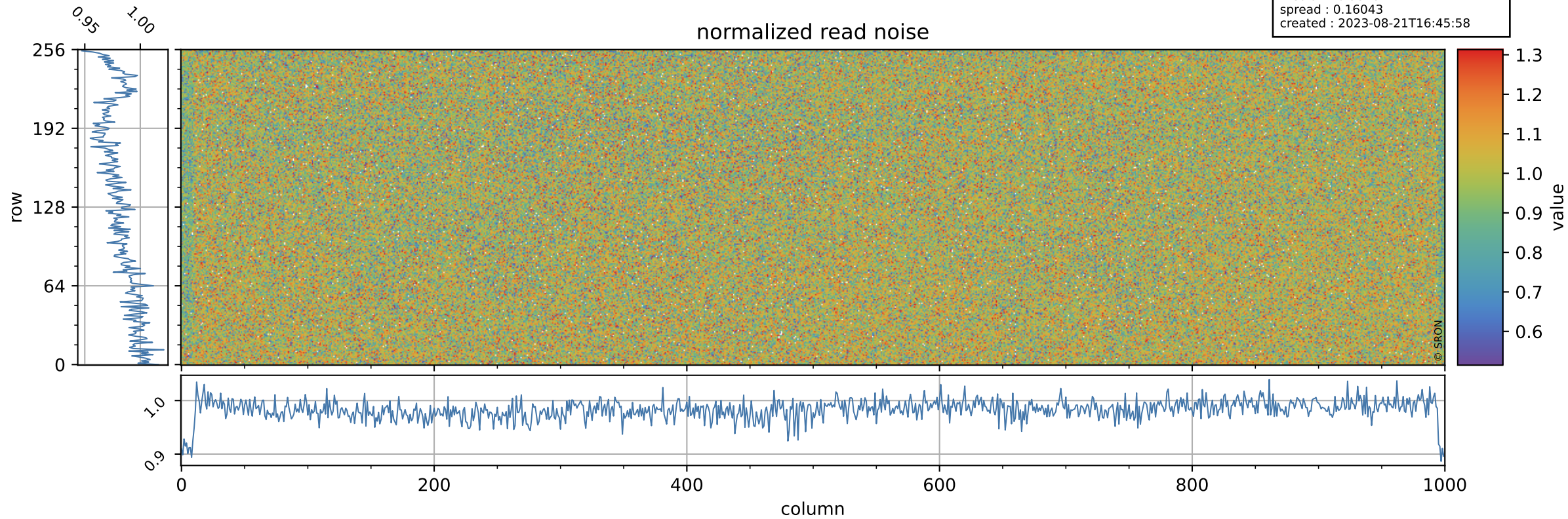
orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
median : 1.1307 e  
spread : 0.065091 e  
created : 2023-08-21T16:45:58





# Tropomi SWIR background noise (swir)

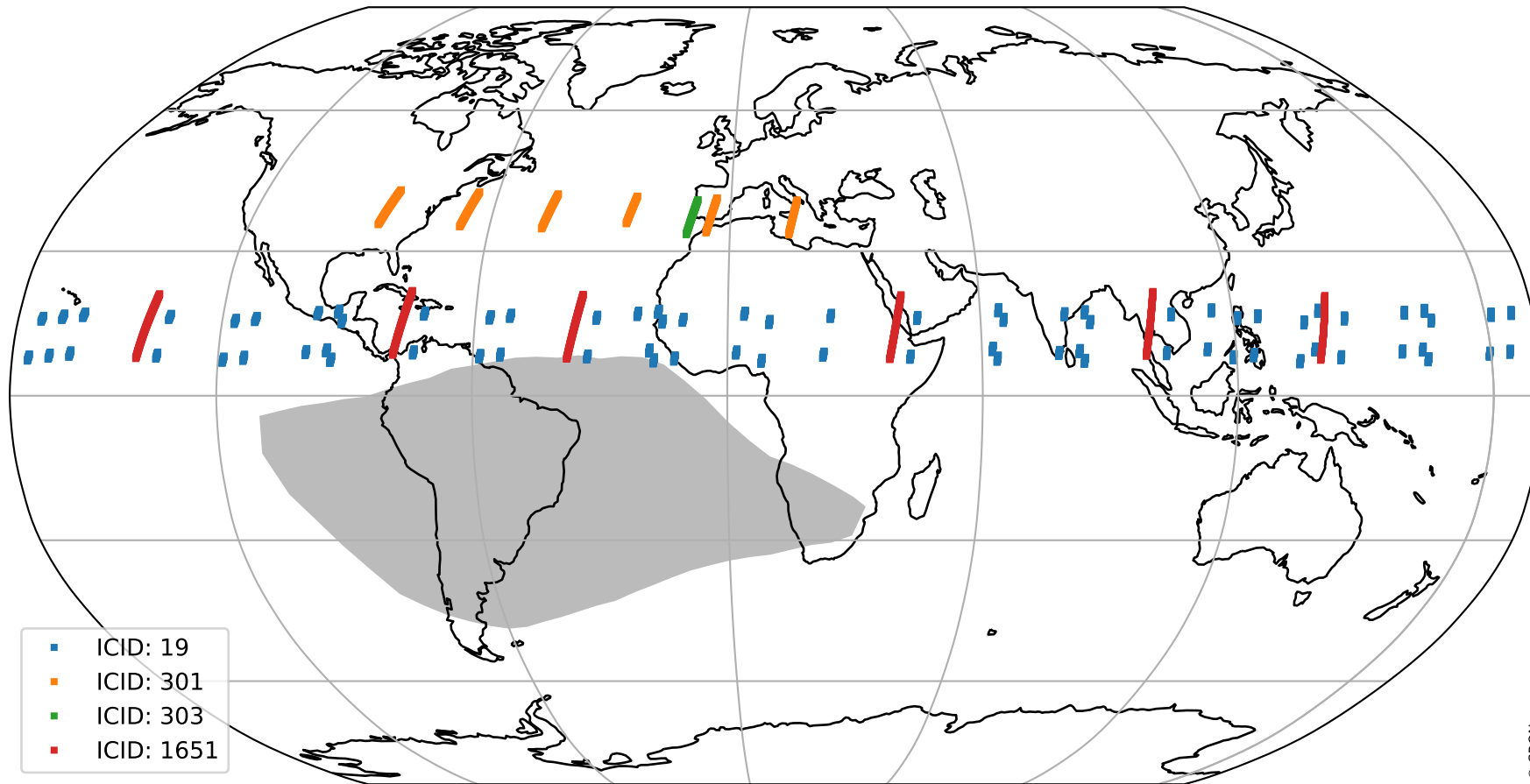
orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
median : 0.98162  
spread : 0.16043  
created : 2023-08-21T16:45:58





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

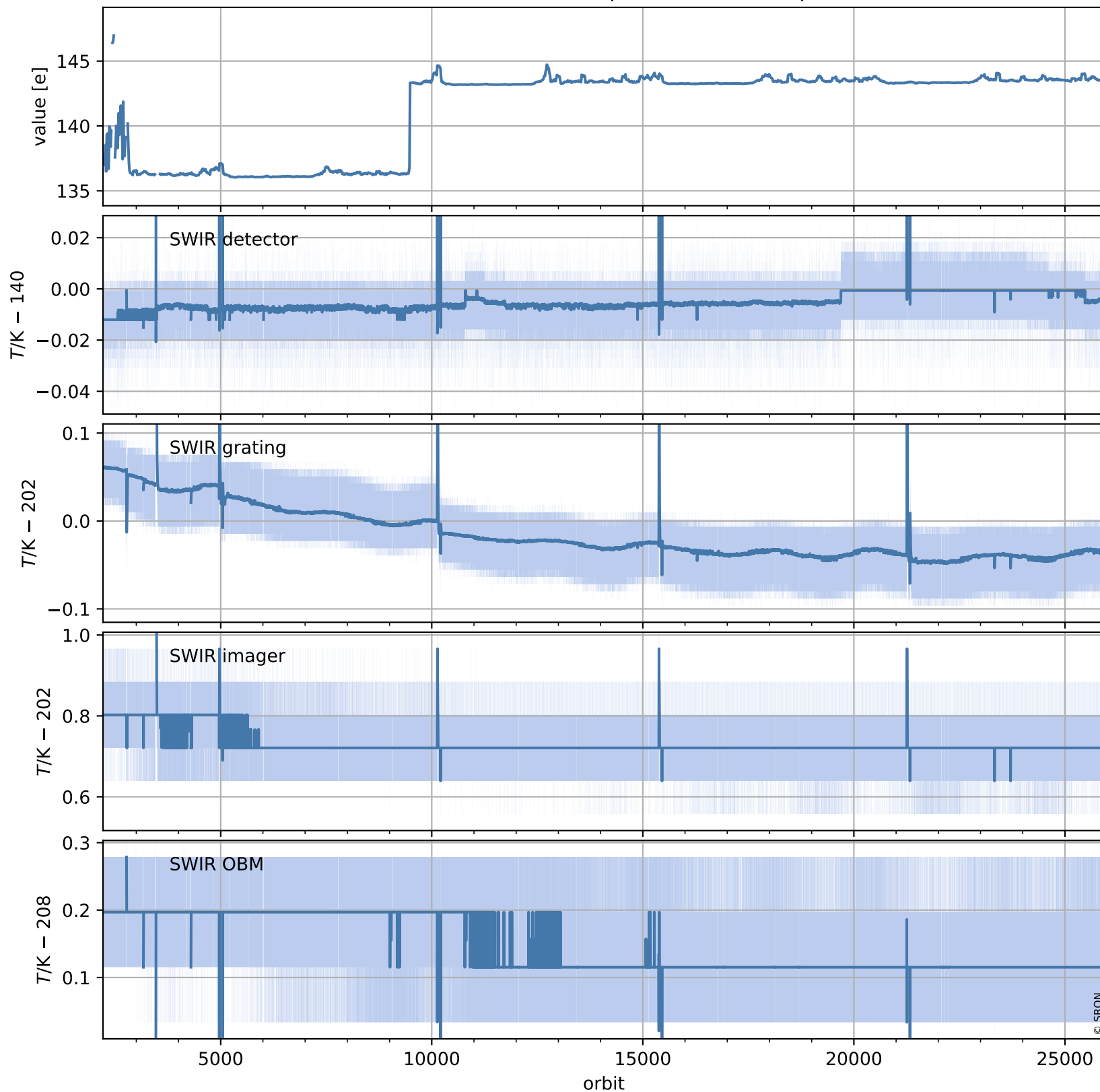
orbits : 13 in [25867, 25942]  
coverage : 2022-10-09 / 2022-10-15  
created : 2023-08-21T16:45:59



# Tropomi SWIR background noise (swir)

orbits : [2212, 25942]  
coverage : 2018-03-18 / 2022-10-15  
created : 2023-08-21T16:45:59

## trend of detector median of plain noise & temperatures

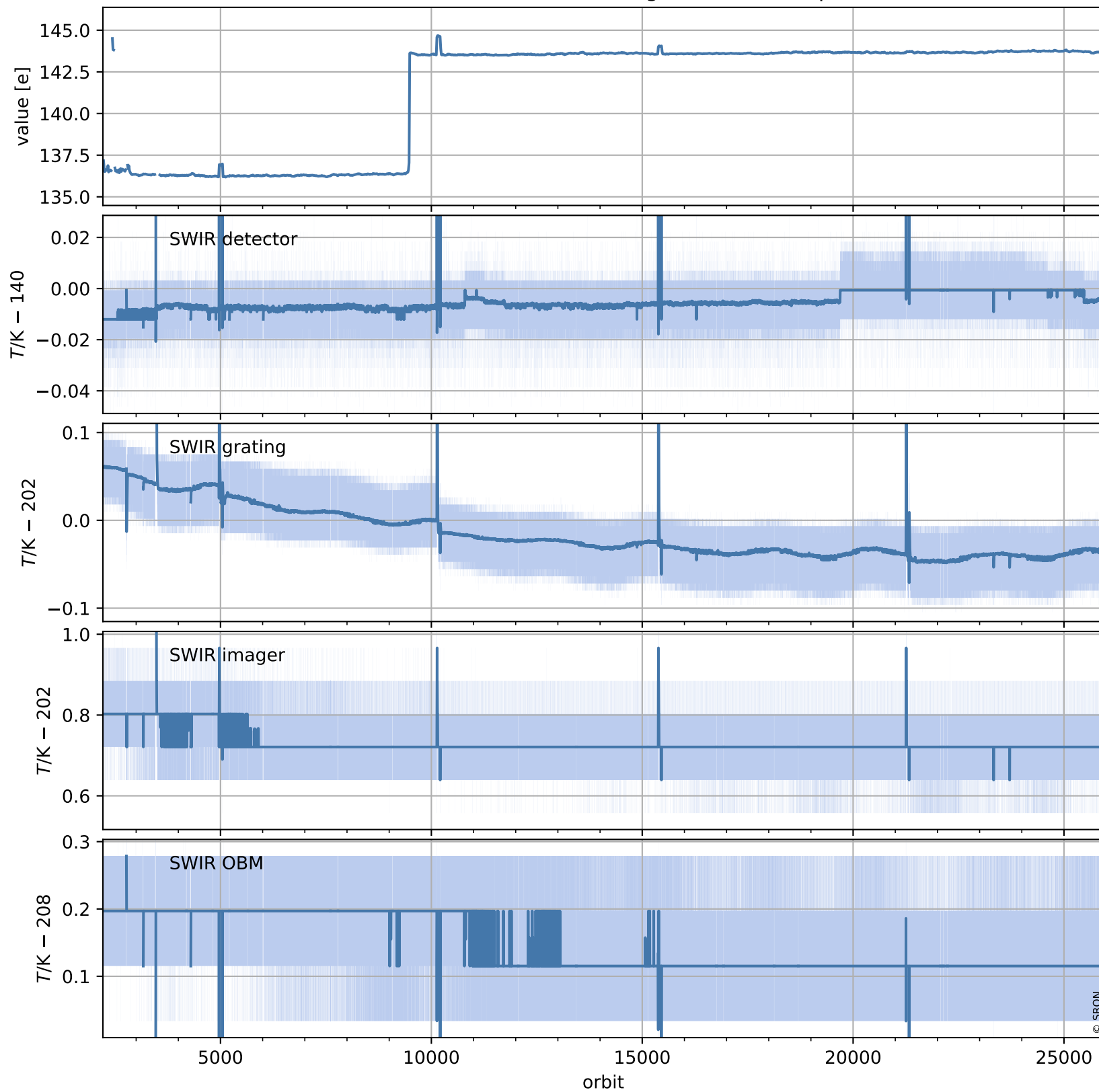




# Tropomi SWIR background noise (swir)

orbits : [2212, 25942]  
coverage : 2018-03-18 / 2022-10-15  
created : 2023-08-21T16:46:00

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25942]  
coverage : 2018-03-18 / 2022-10-15  
created : 2023-08-21T16:46:01

## trend of normalized read-noise & temperatures

