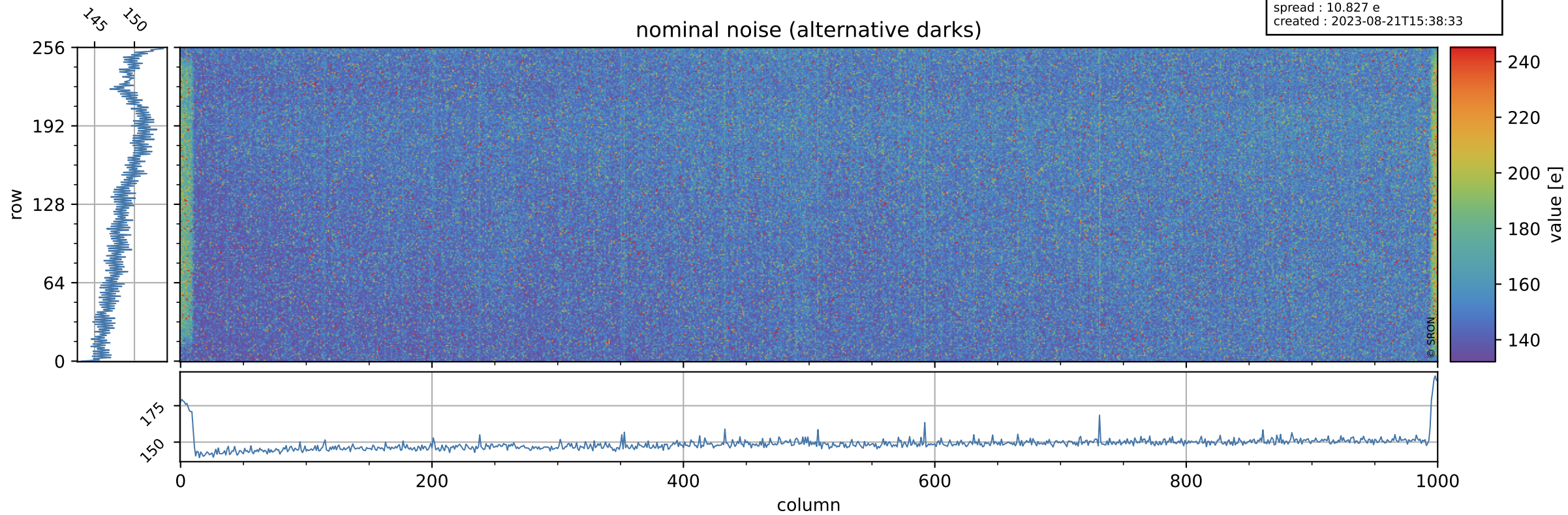


# Tropomi SWIR background noise (swir)

orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.59 e  
spread : 10.827 e  
created : 2023-08-21T15:38:33

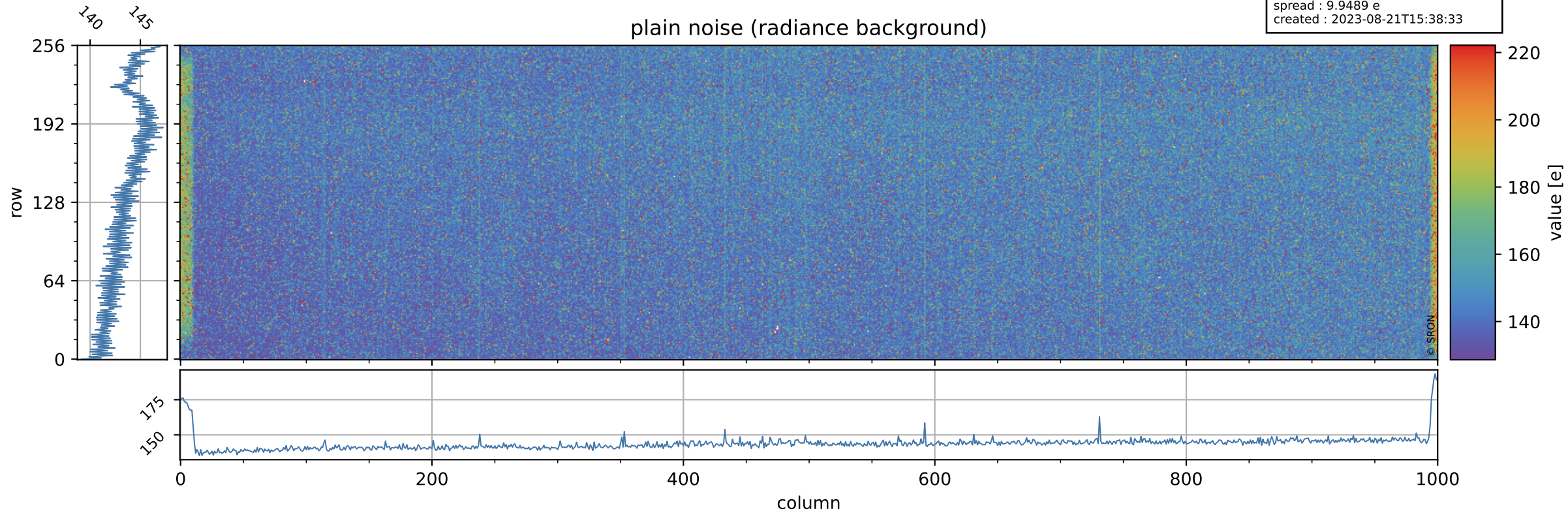
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.5 e  
spread : 9.9489 e  
created : 2023-08-21T15:38:33

## plain noise (radiance background)

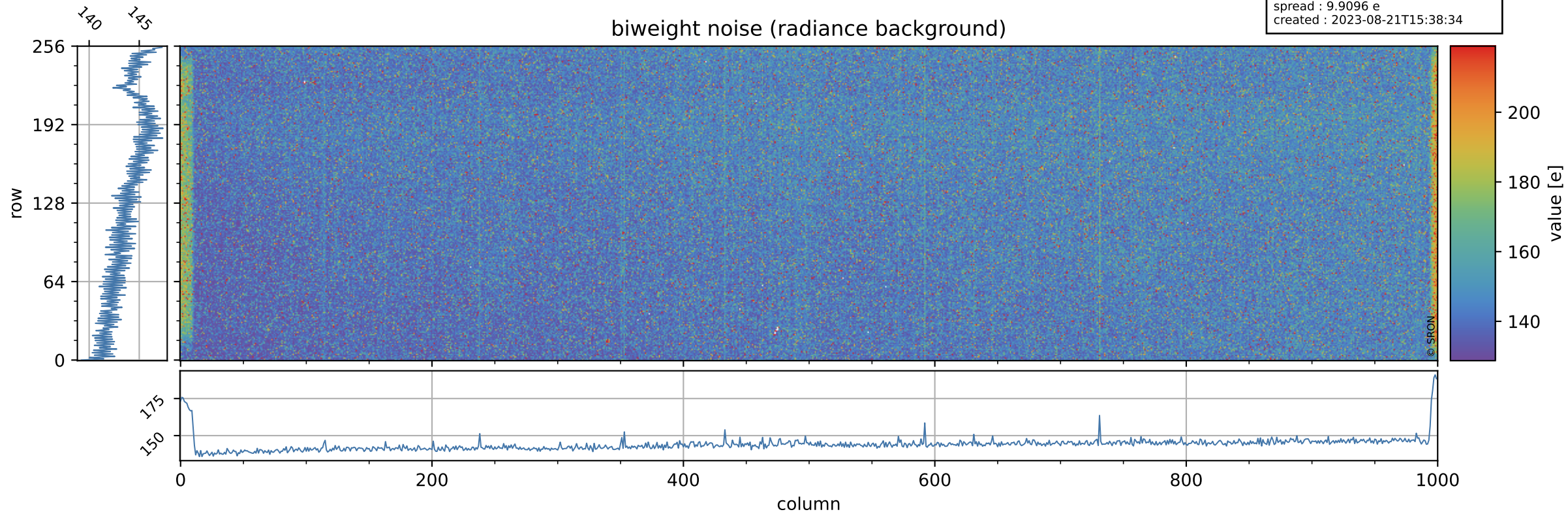




# Tropomi SWIR background noise (swir)

orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 9.9096 e  
created : 2023-08-21T15:38:34

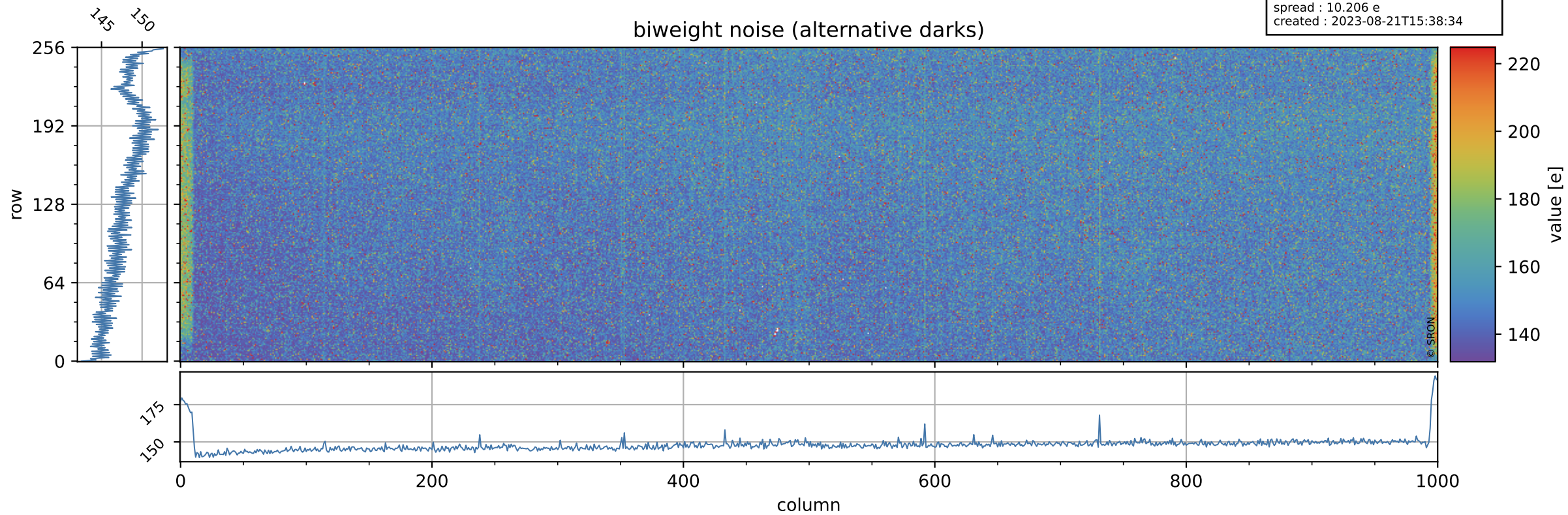
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.66 e  
spread : 10.206 e  
created : 2023-08-21T15:38:34

## biweight noise (alternative darks)

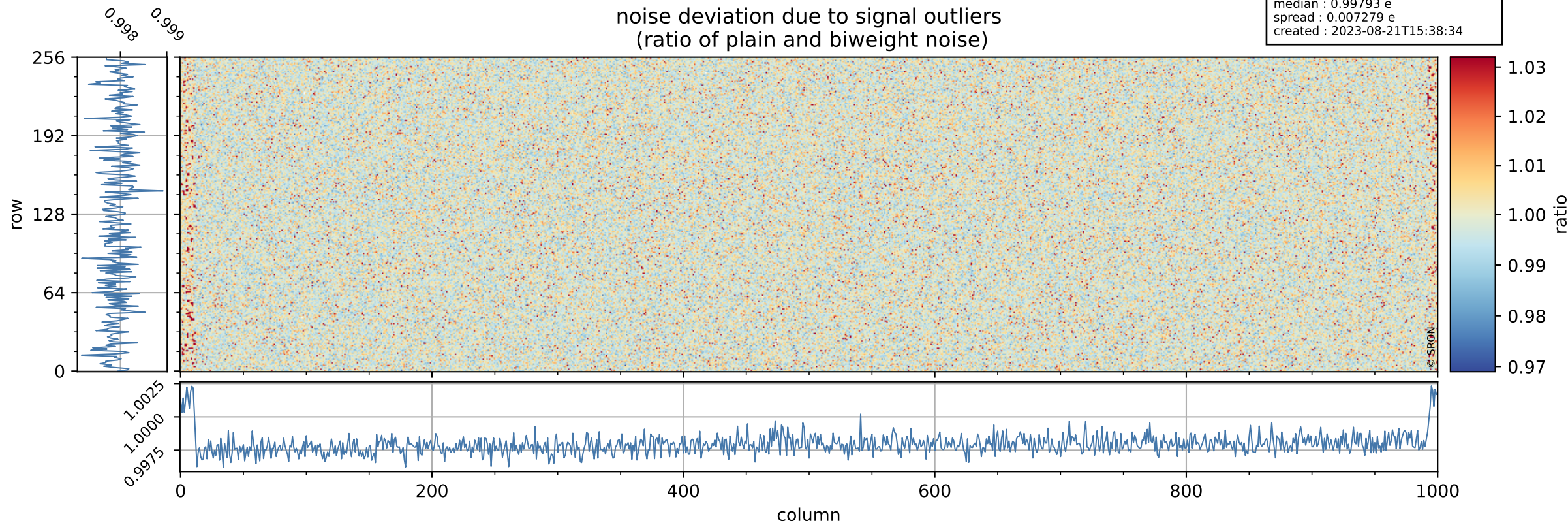




# Tropomi SWIR background noise (swir)

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

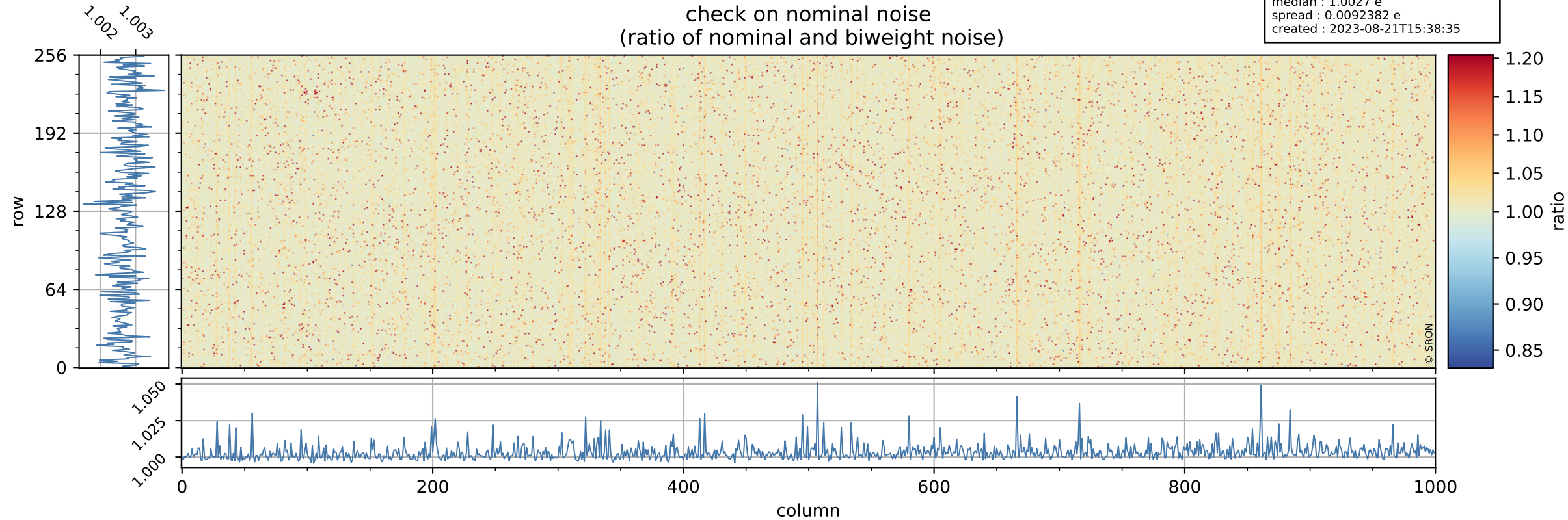
orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
median : 0.99793 e  
spread : 0.007279 e  
created : 2023-08-21T15:38:34



# Tropomi SWIR background noise (swir)

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

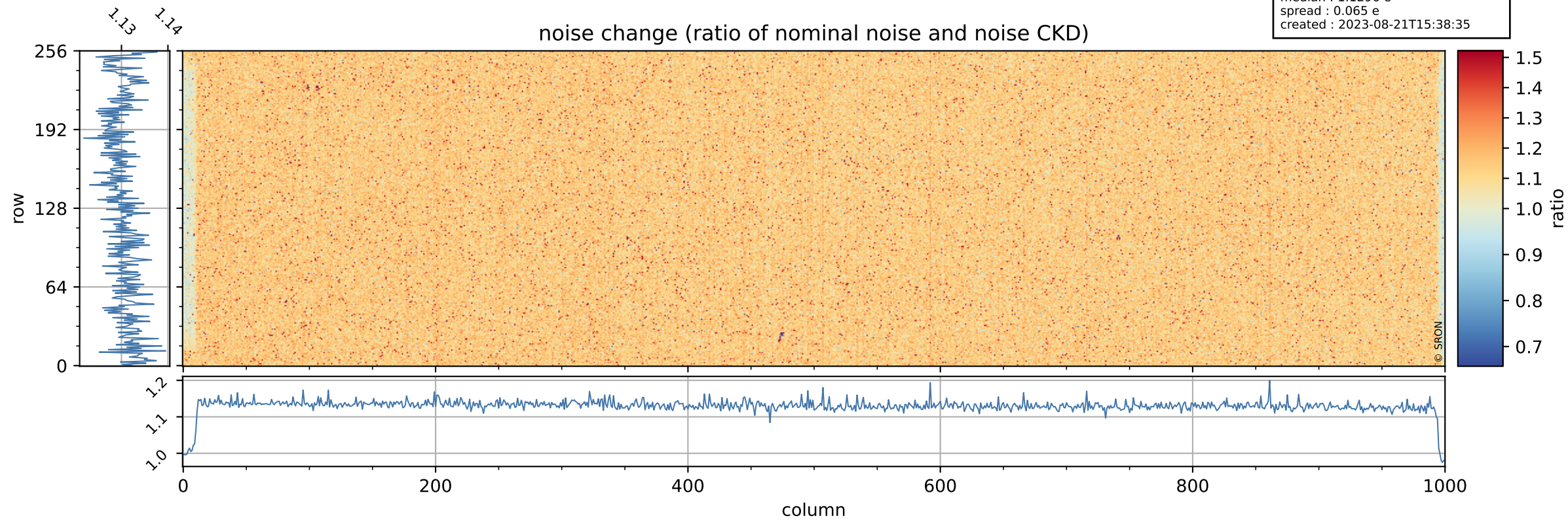
orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
median : 1.0027 e  
spread : 0.0092382 e  
created : 2023-08-21T15:38:35





# Tropomi SWIR background noise (swir)

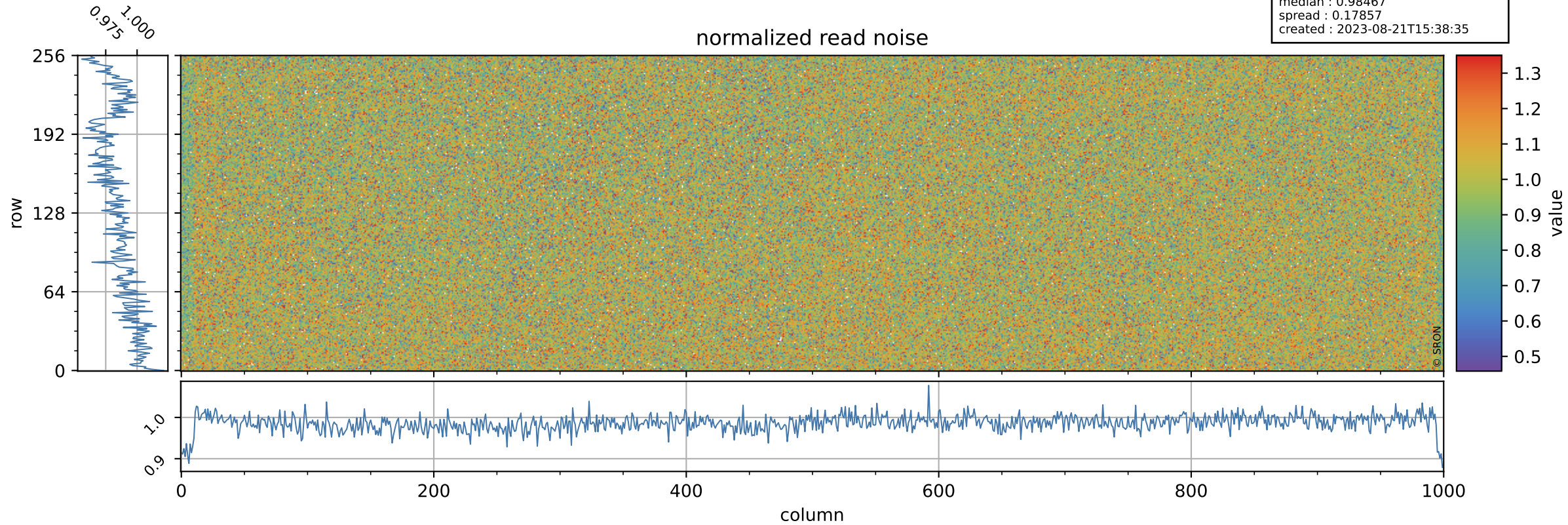
orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
median : 1.1296 e  
spread : 0.065 e  
created : 2023-08-21T15:38:35





# Tropomi SWIR background noise (swir)

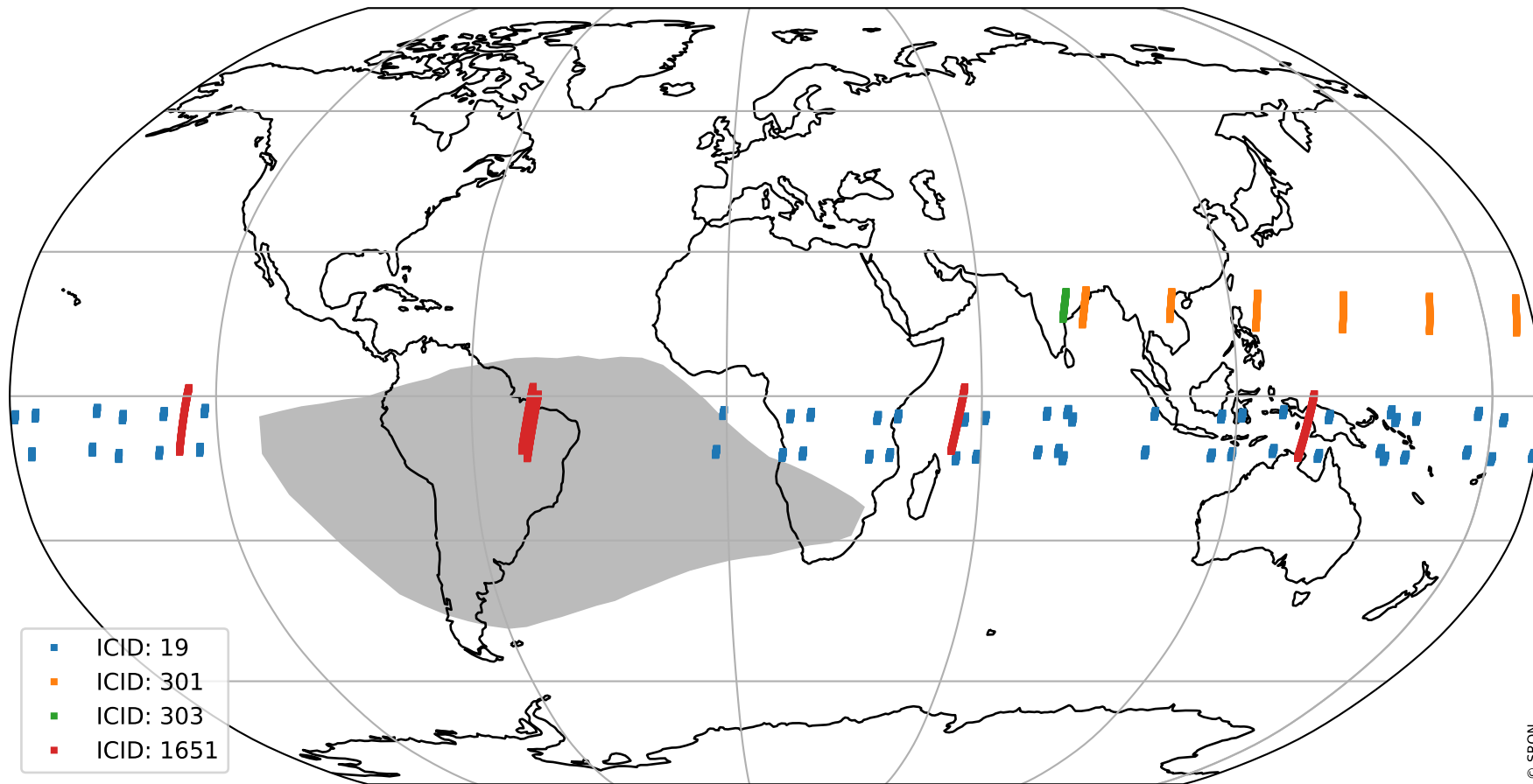
orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
median : 0.98467  
spread : 0.17857  
created : 2023-08-21T15:38:35





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

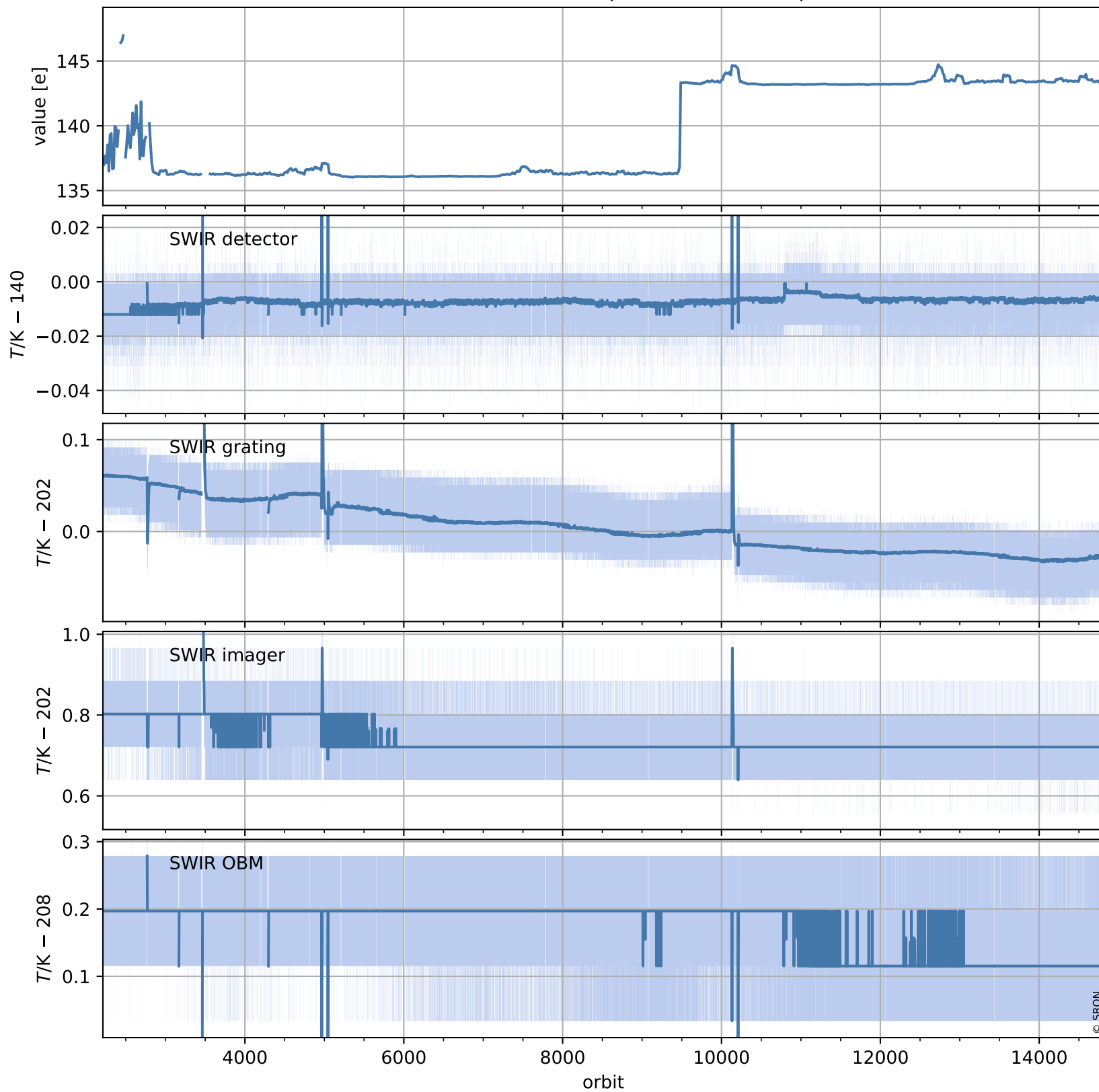
orbits : 12 in [14722, 14812]  
coverage : 2020-08-16 / 2020-08-22  
created : 2023-08-21T15:38:36



# Tropomi SWIR background noise (swir)

orbits : [2212, 14812]  
coverage : 2018-03-18 / 2020-08-22  
created : 2023-08-21T15:38:36

## trend of detector median of plain noise & temperatures

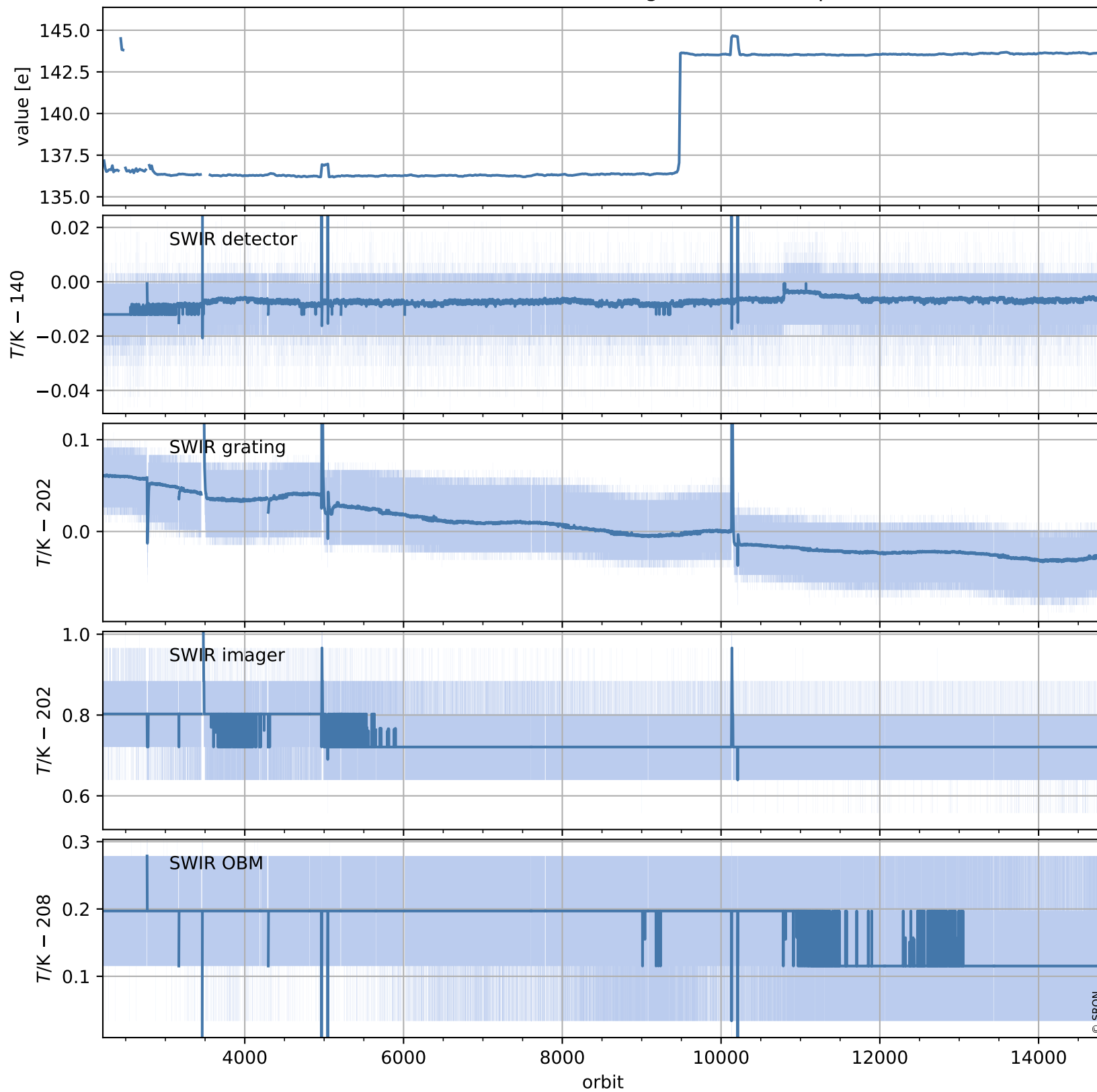




# Tropomi SWIR background noise (swir)

orbits : [2212, 14812]  
coverage : 2018-03-18 / 2020-08-22  
created : 2023-08-21T15:38:37

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14812]  
coverage : 2018-03-18 / 2020-08-22  
created : 2023-08-21T15:38:37

## trend of normalized read-noise & temperatures

