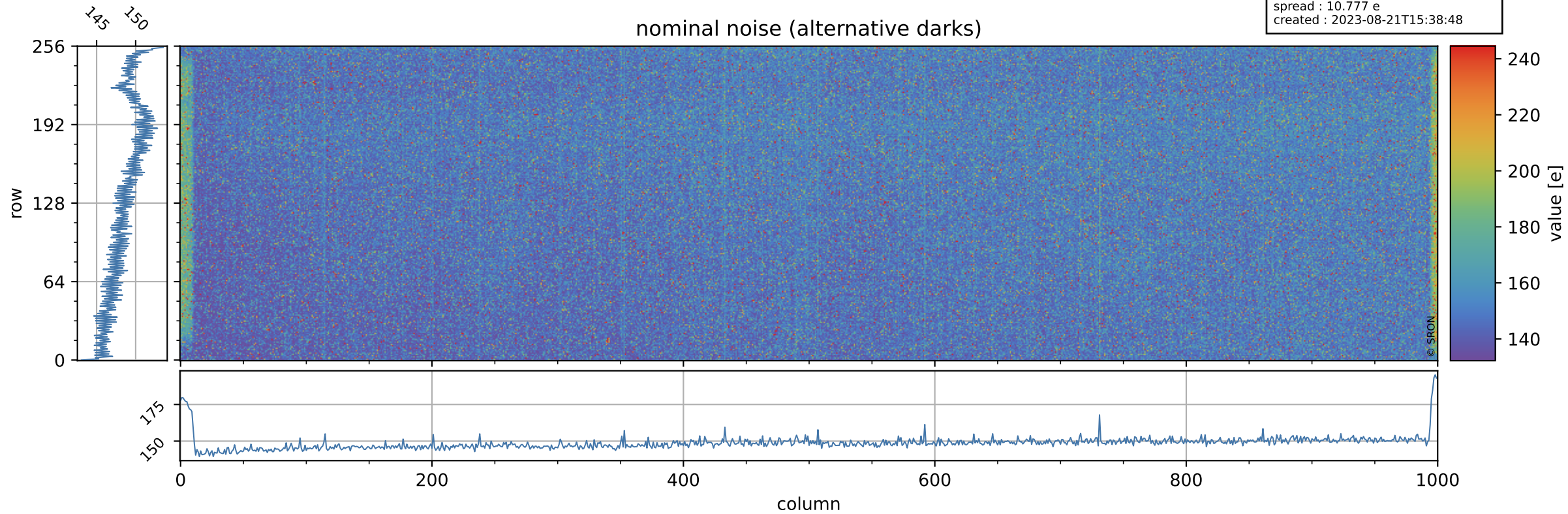


# Tropomi SWIR background noise (swir)

orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
n\_coad, t\_exp : 1, 1.0783  
median : 148.54 e  
spread : 10.777 e  
created : 2023-08-21T15:38:48

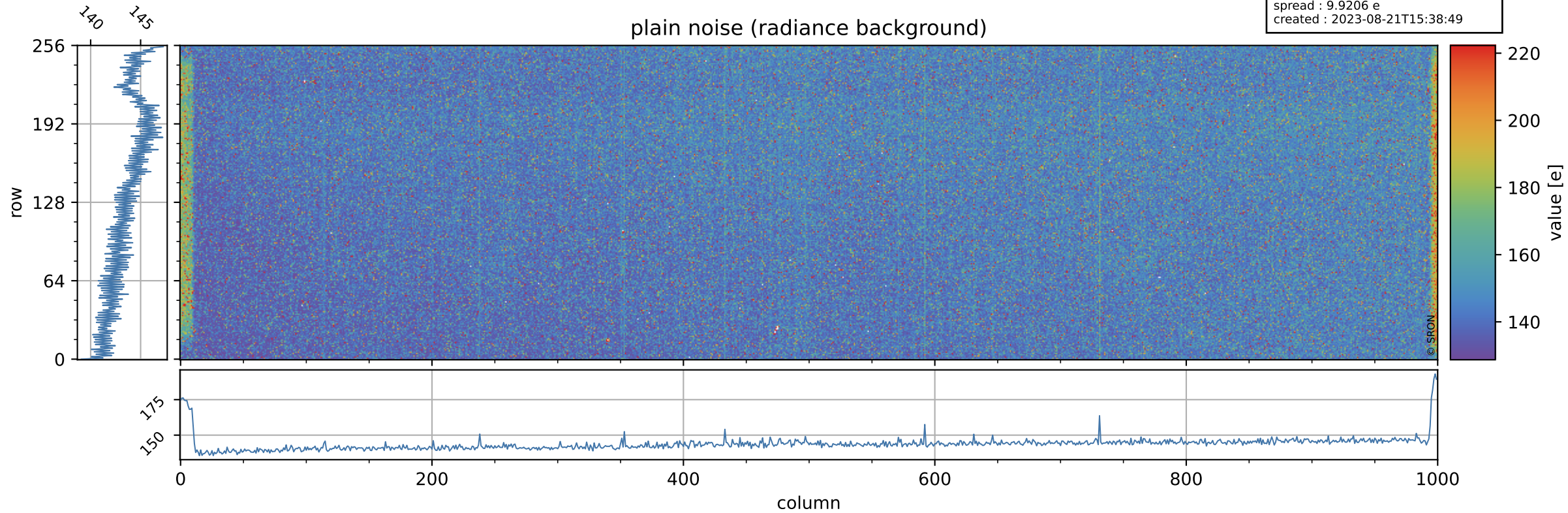
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.53 e  
spread : 9.9206 e  
created : 2023-08-21T15:38:49

## plain noise (radiance background)

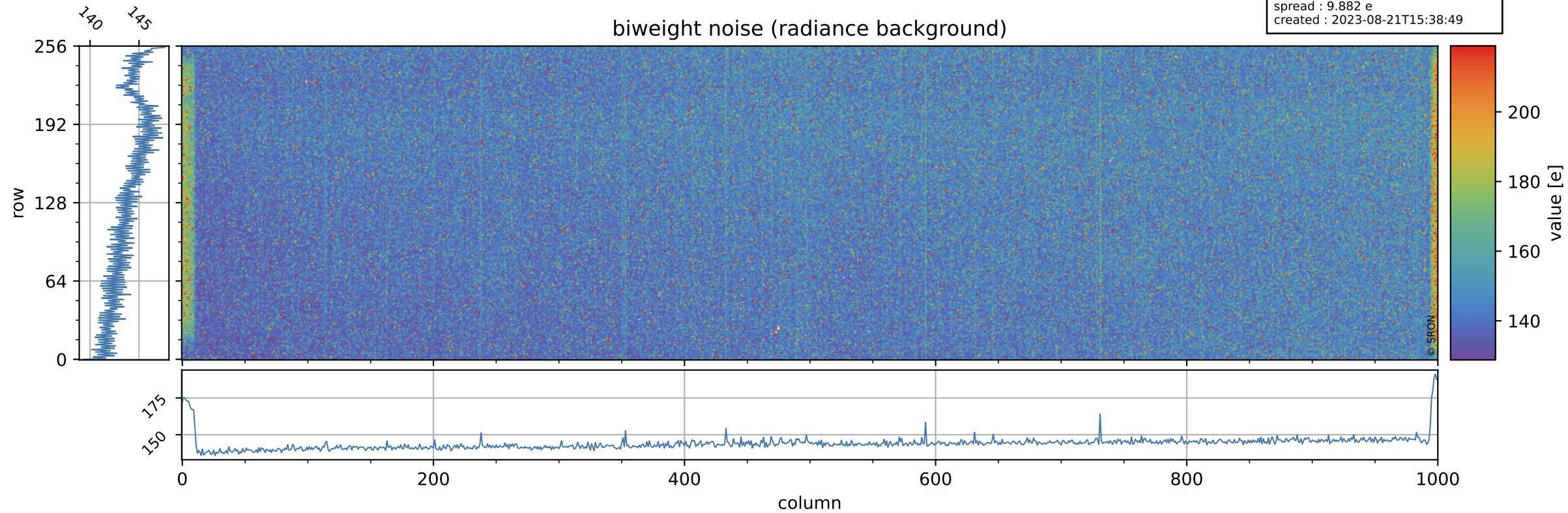




# Tropomi SWIR background noise (swir)

orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 9.882 e  
created : 2023-08-21T15:38:49

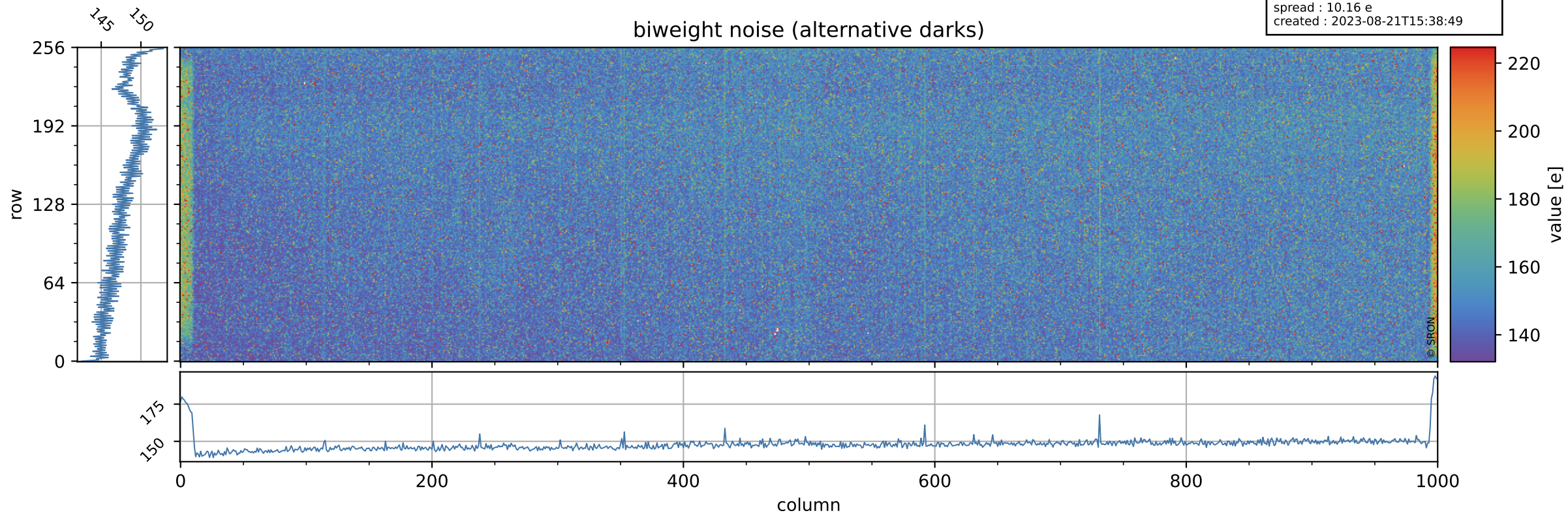
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
n\_coad, t\_exp : 1, 1.0783  
median : 147.68 e  
spread : 10.16 e  
created : 2023-08-21T15:38:49

## biweight noise (alternative darks)

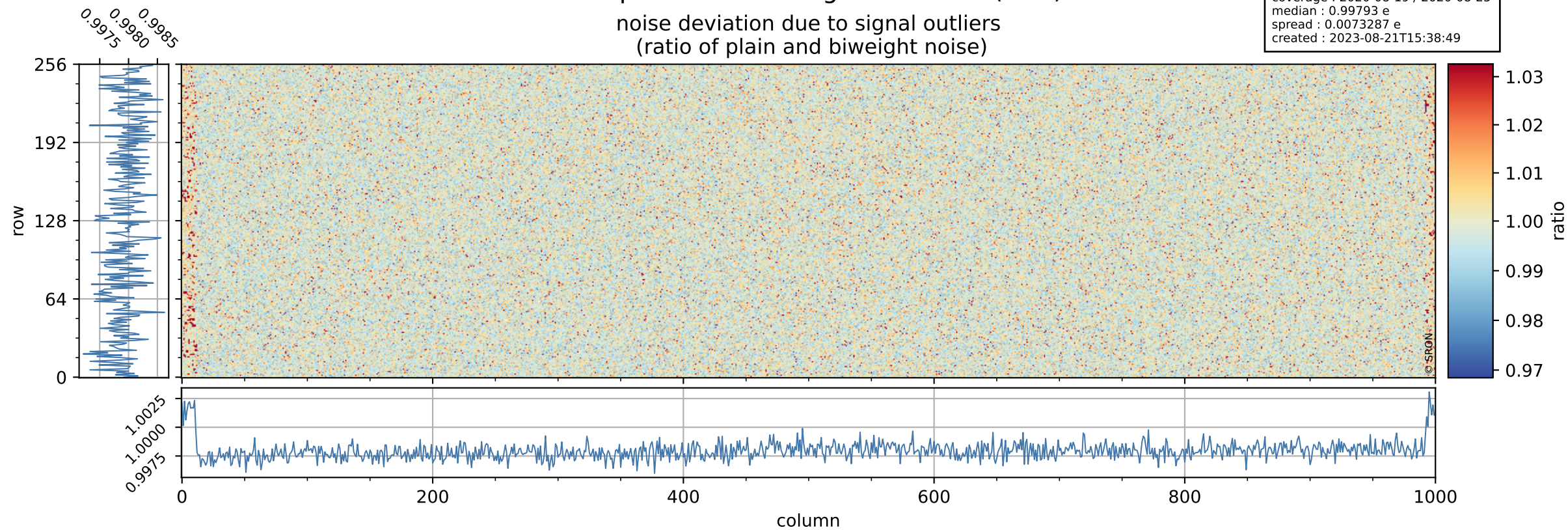




# Tropomi SWIR background noise (swir)

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

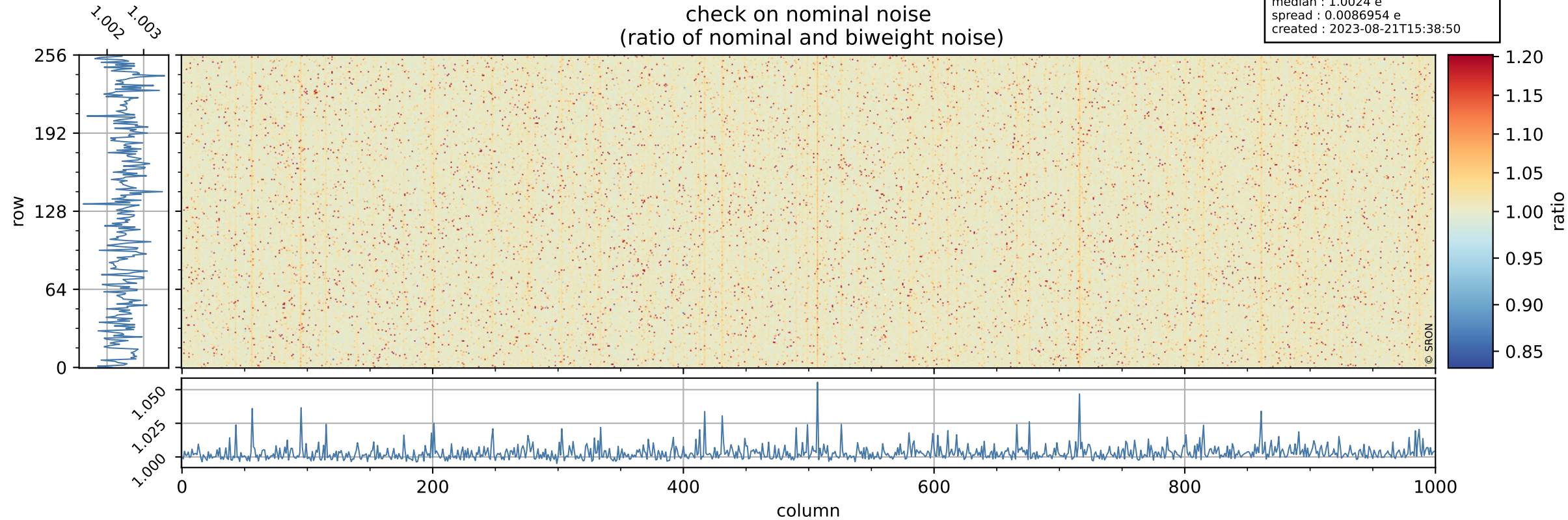
orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
median : 0.99793 e  
spread : 0.0073287 e  
created : 2023-08-21T15:38:49



# Tropomi SWIR background noise (swir)

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

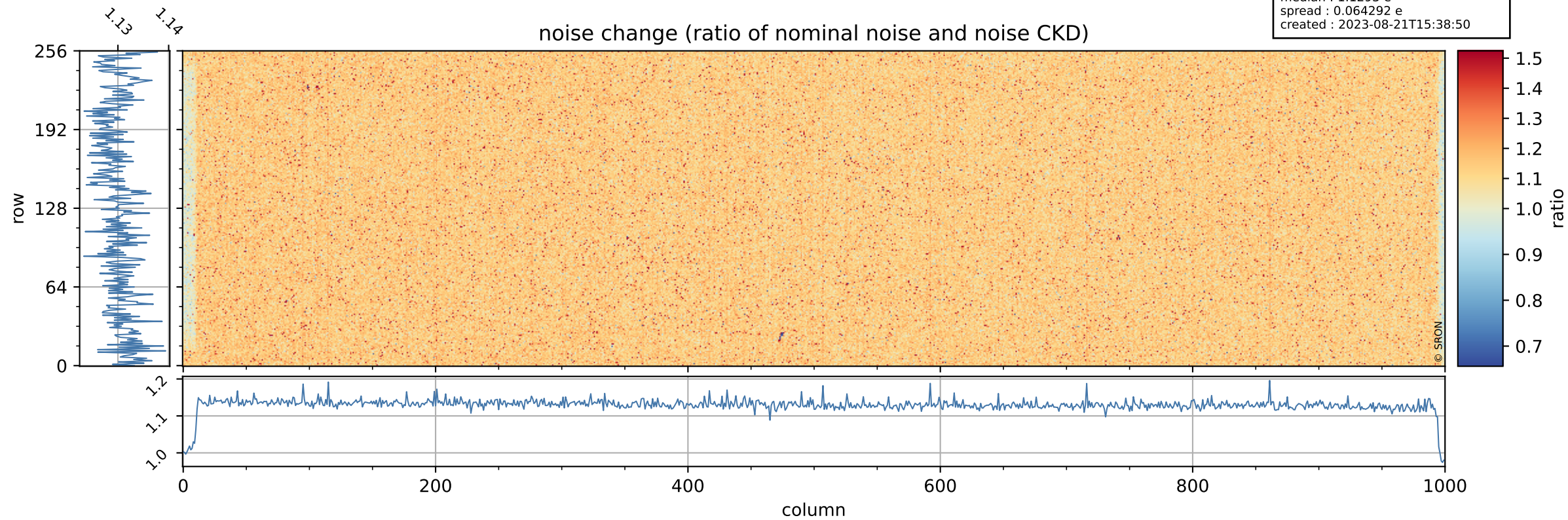
orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
median : 1.0024 e  
spread : 0.0086954 e  
created : 2023-08-21T15:38:50





# Tropomi SWIR background noise (swir)

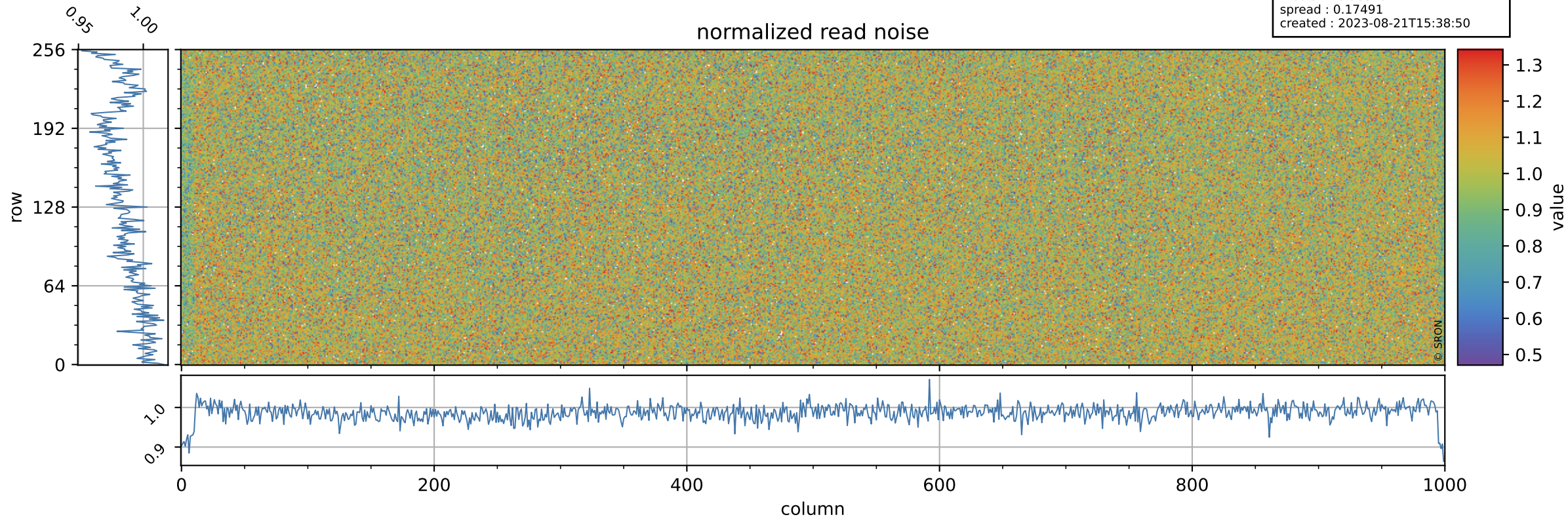
orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
median : 1.1293 e  
spread : 0.064292 e  
created : 2023-08-21T15:38:50





# Tropomi SWIR background noise (swir)

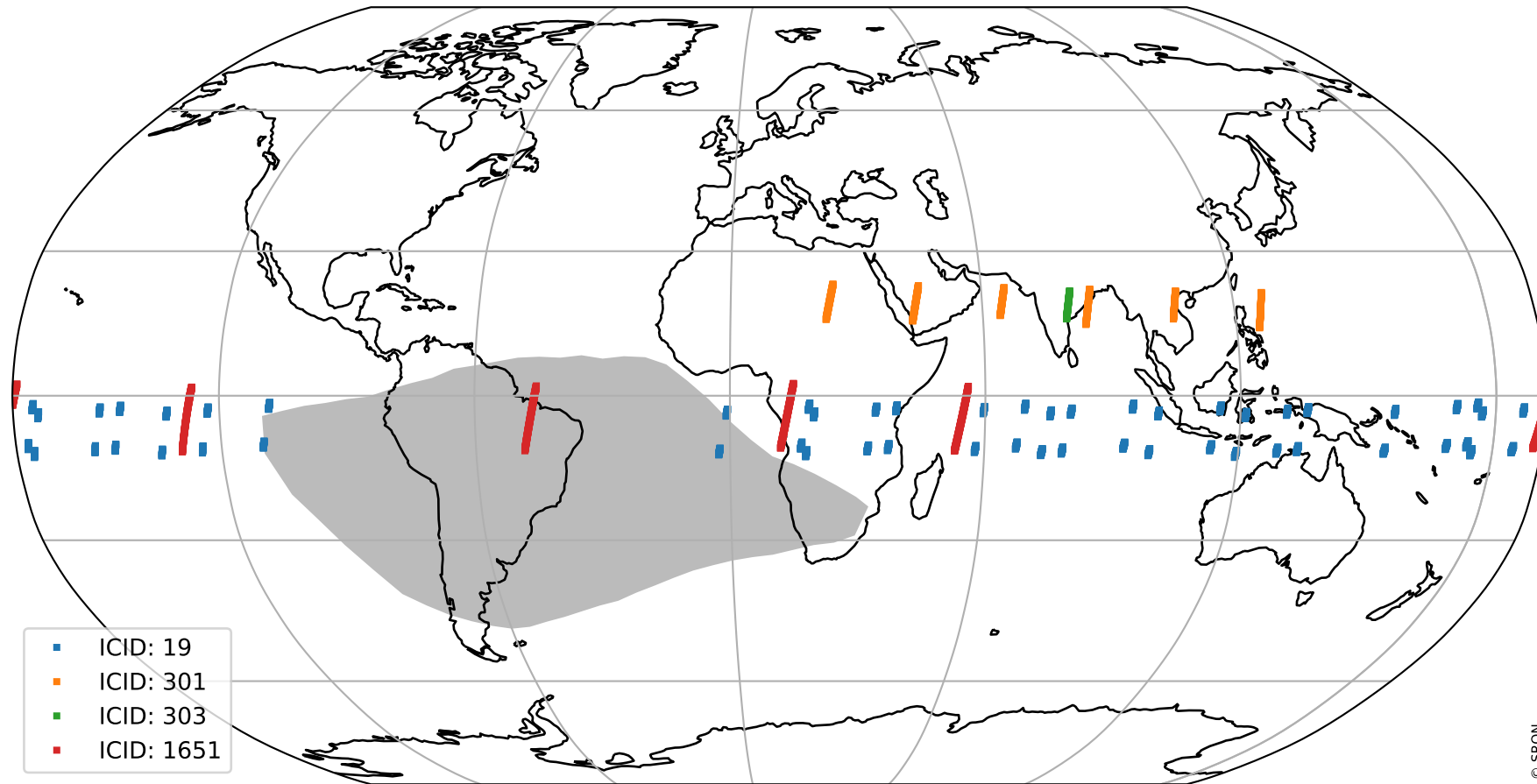
orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
median : 0.98519  
spread : 0.17491  
created : 2023-08-21T15:38:50





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

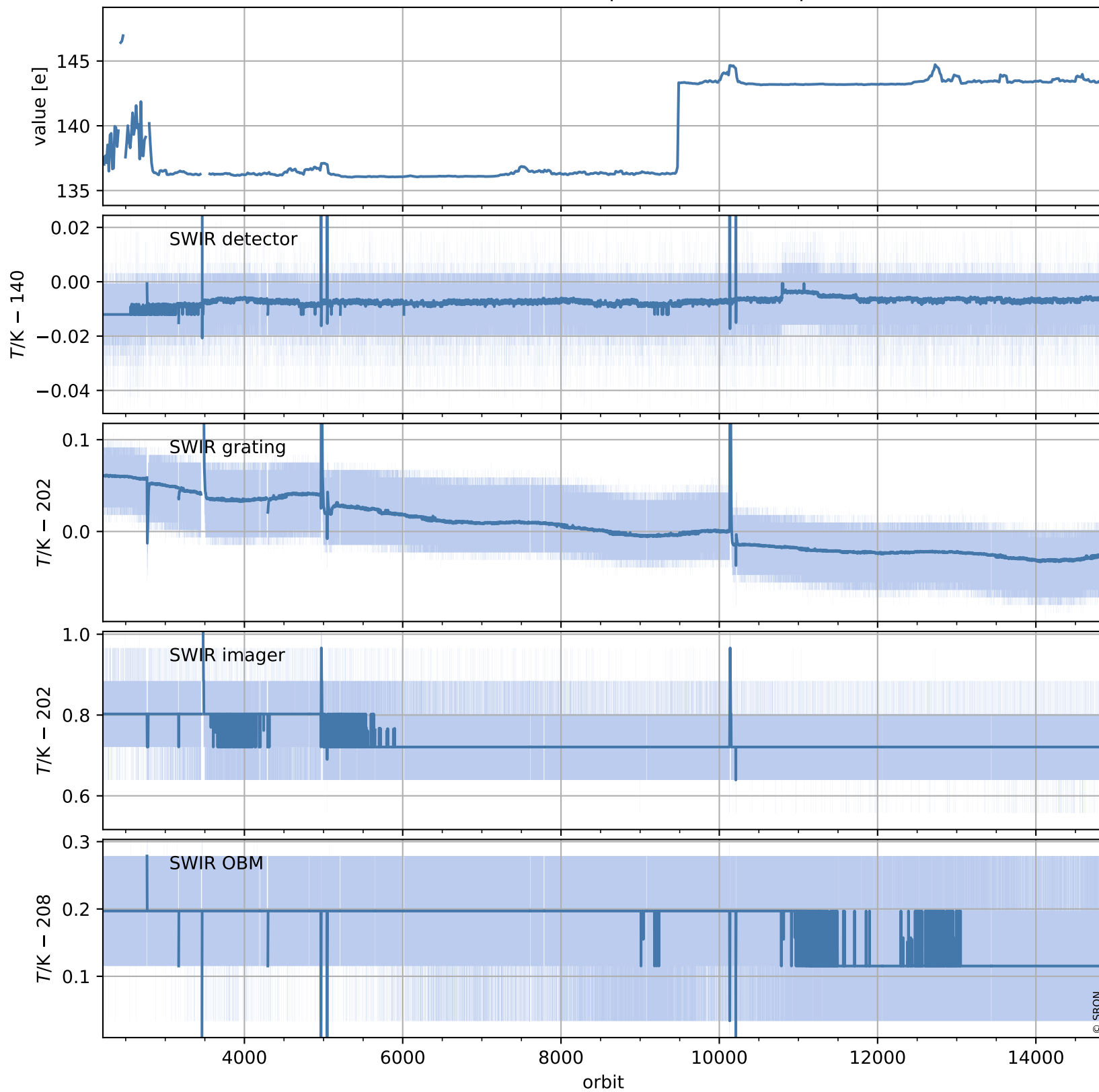
orbits : 12 in [14782, 14857]  
coverage : 2020-08-19 / 2020-08-25  
created : 2023-08-21T15:38:50



# Tropomi SWIR background noise (swir)

orbits : [2212, 14857]  
coverage : 2018-03-18 / 2020-08-25  
created : 2023-08-21T15:38:51

## trend of detector median of plain noise & temperatures

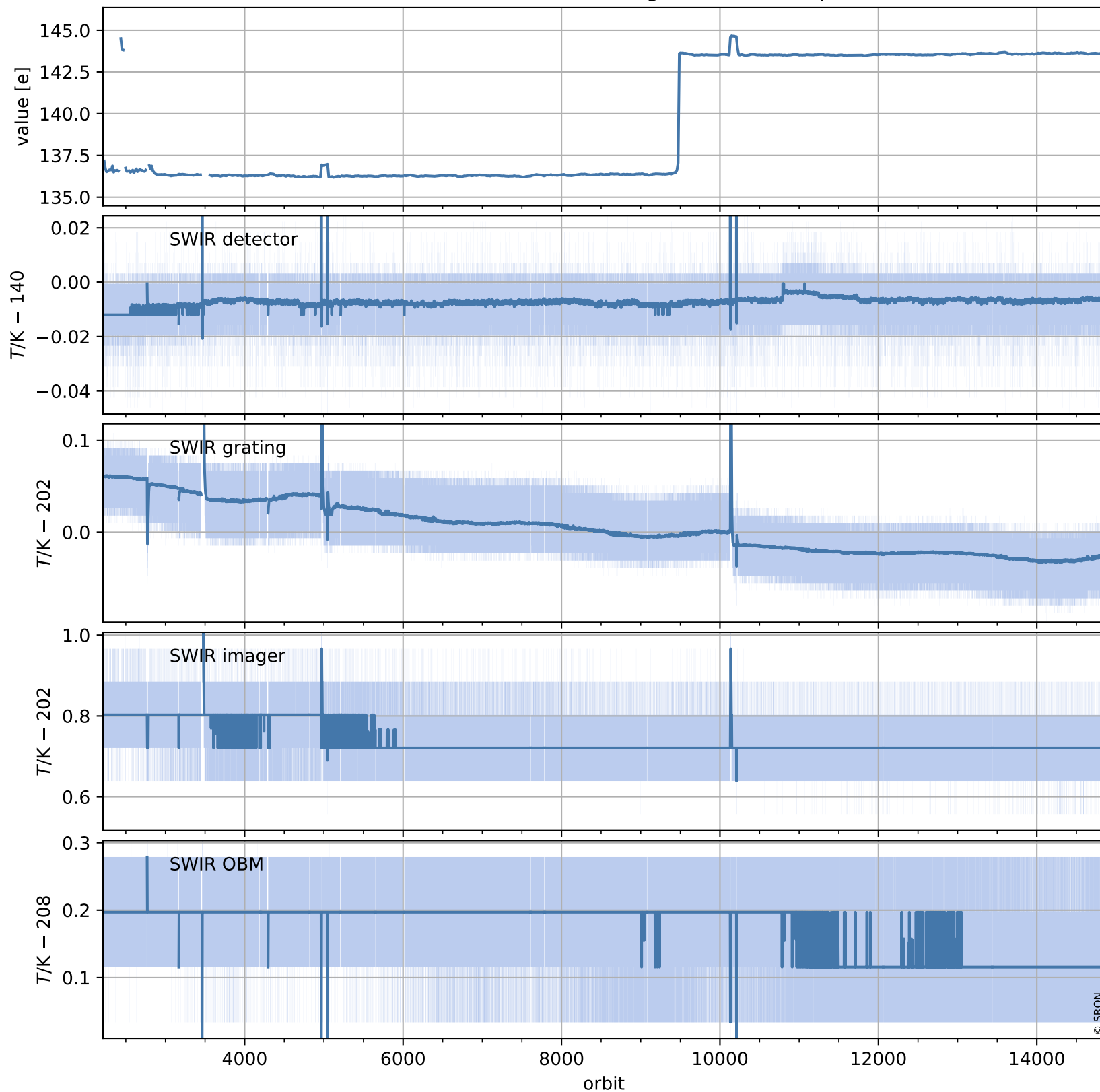




# Tropomi SWIR background noise (swir)

orbits : [2212, 14857]  
coverage : 2018-03-18 / 2020-08-25  
created : 2023-08-21T15:38:51

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14857]  
coverage : 2018-03-18 / 2020-08-25  
created : 2023-08-21T15:38:52

## trend of normalized read-noise & temperatures

