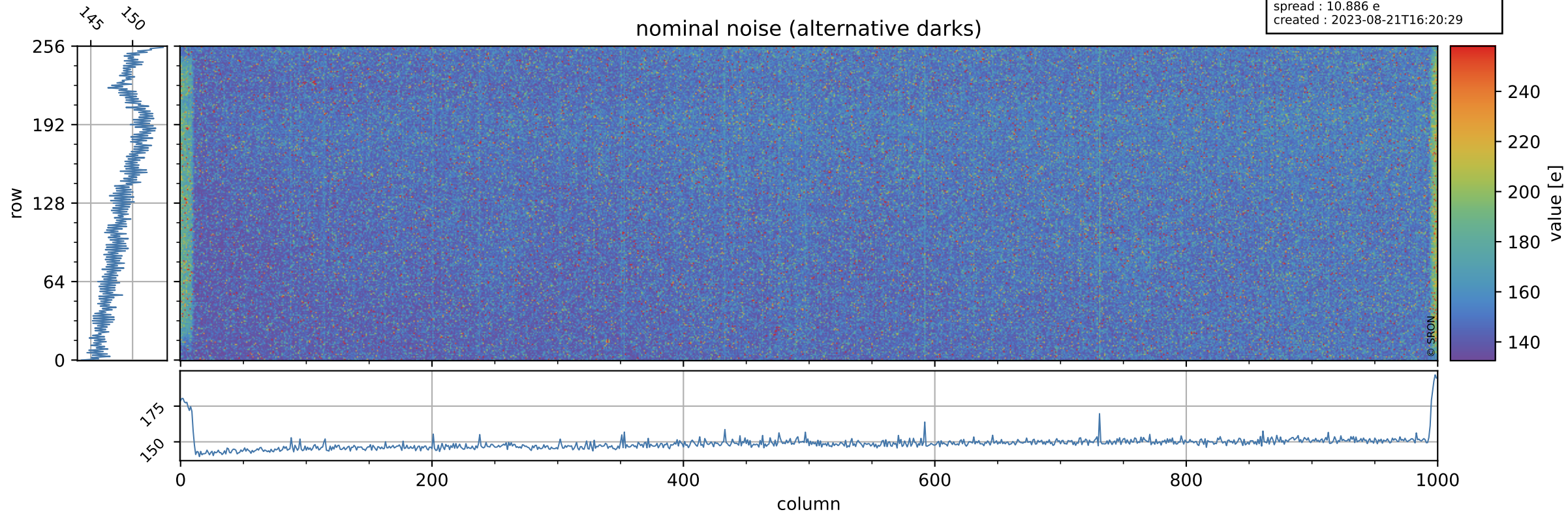


# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.71 e  
spread : 10.886 e  
created : 2023-08-21T16:20:29

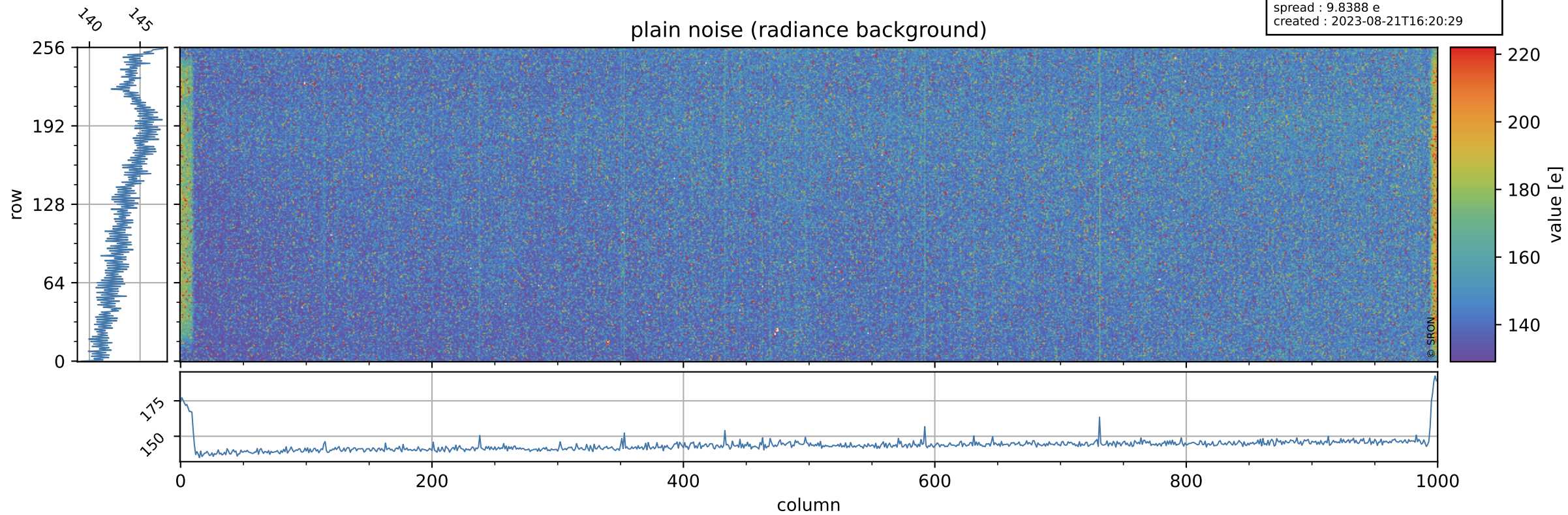
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.5 e  
spread : 9.8388 e  
created : 2023-08-21T16:20:29

plain noise (radiance background)

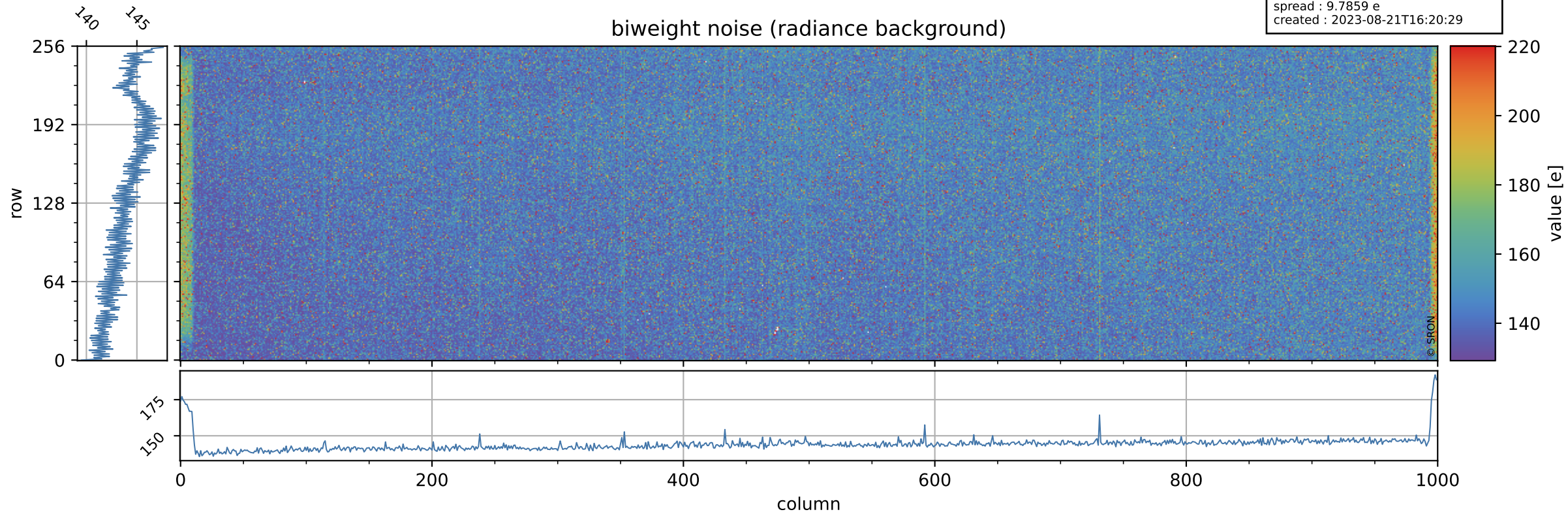




# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 9.7859 e  
created : 2023-08-21T16:20:29

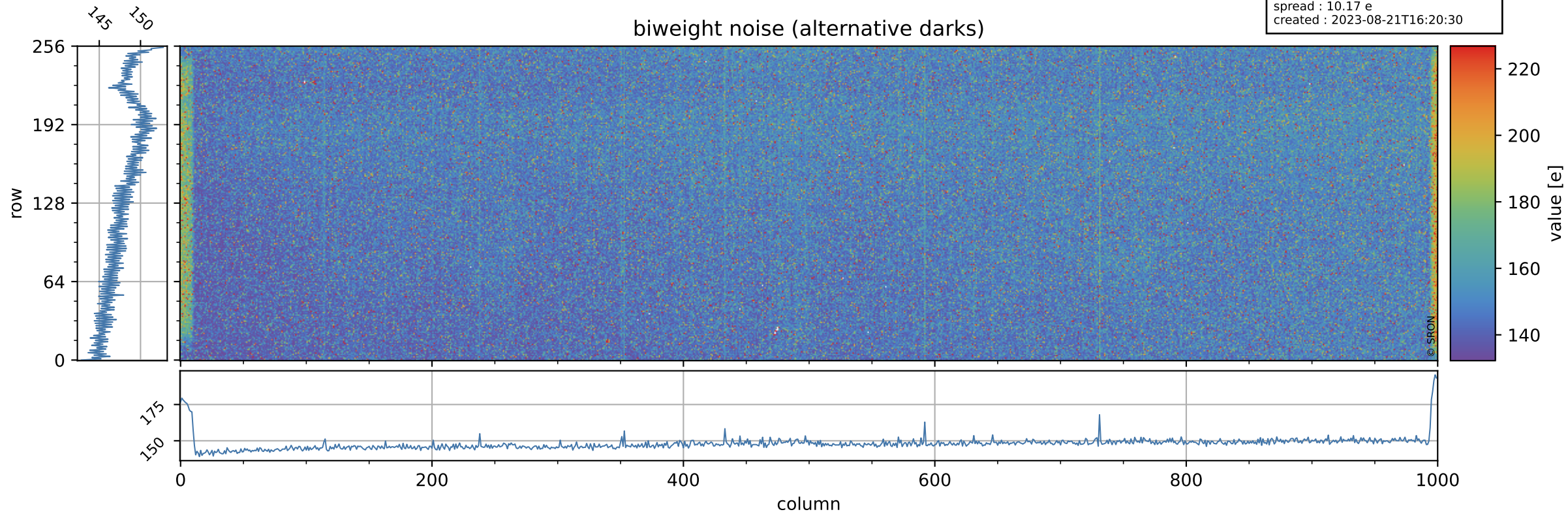
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.17 e  
created : 2023-08-21T16:20:30

## biweight noise (alternative darks)

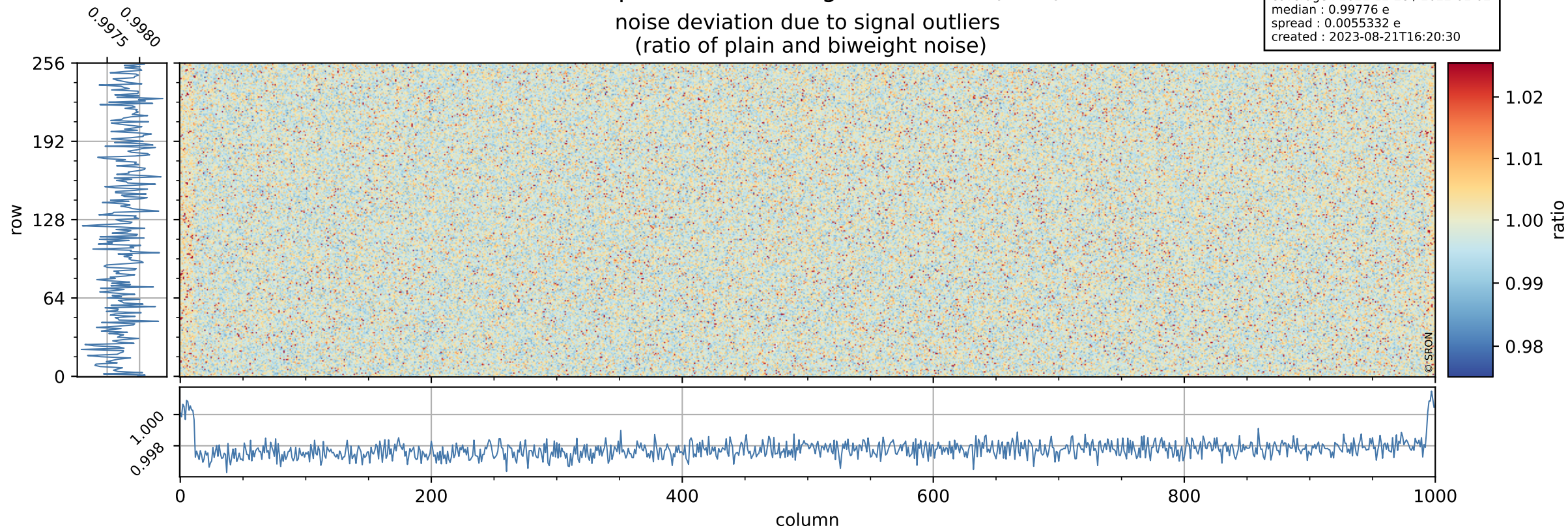




# Tropomi SWIR background noise (swir)

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

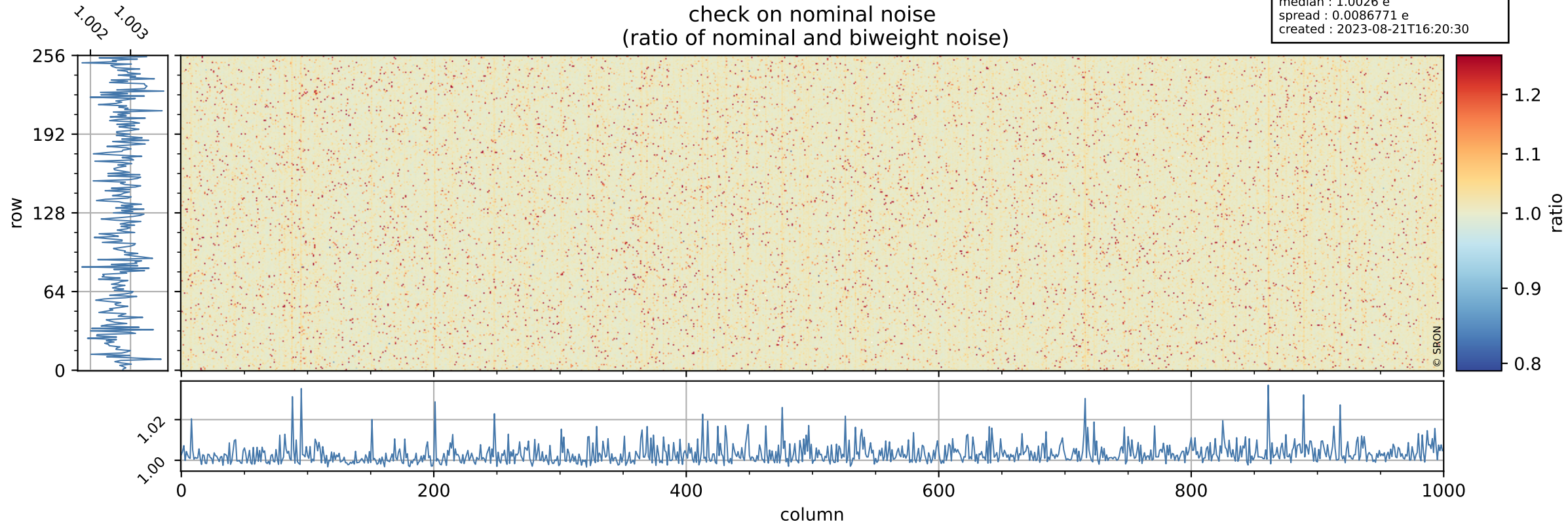
orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
median : 0.99776 e  
spread : 0.0055332 e  
created : 2023-08-21T16:20:30



# Tropomi SWIR background noise (swir)

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

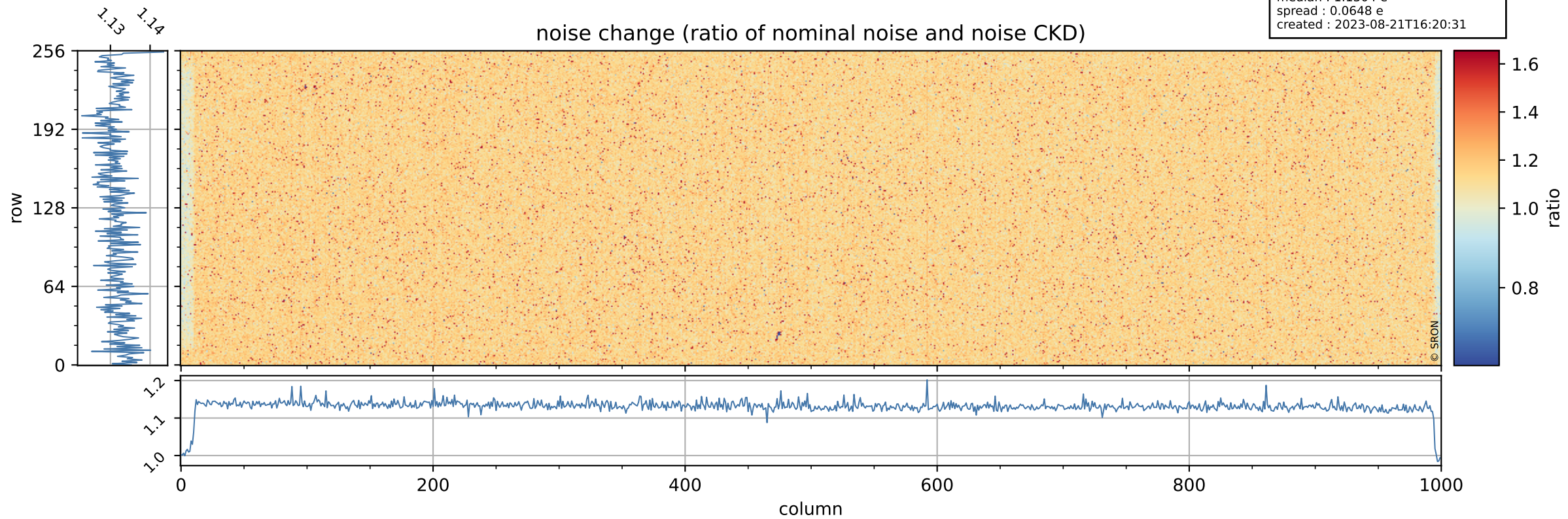
orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
median : 1.0026 e  
spread : 0.0086771 e  
created : 2023-08-21T16:20:30





# Tropomi SWIR background noise (swir)

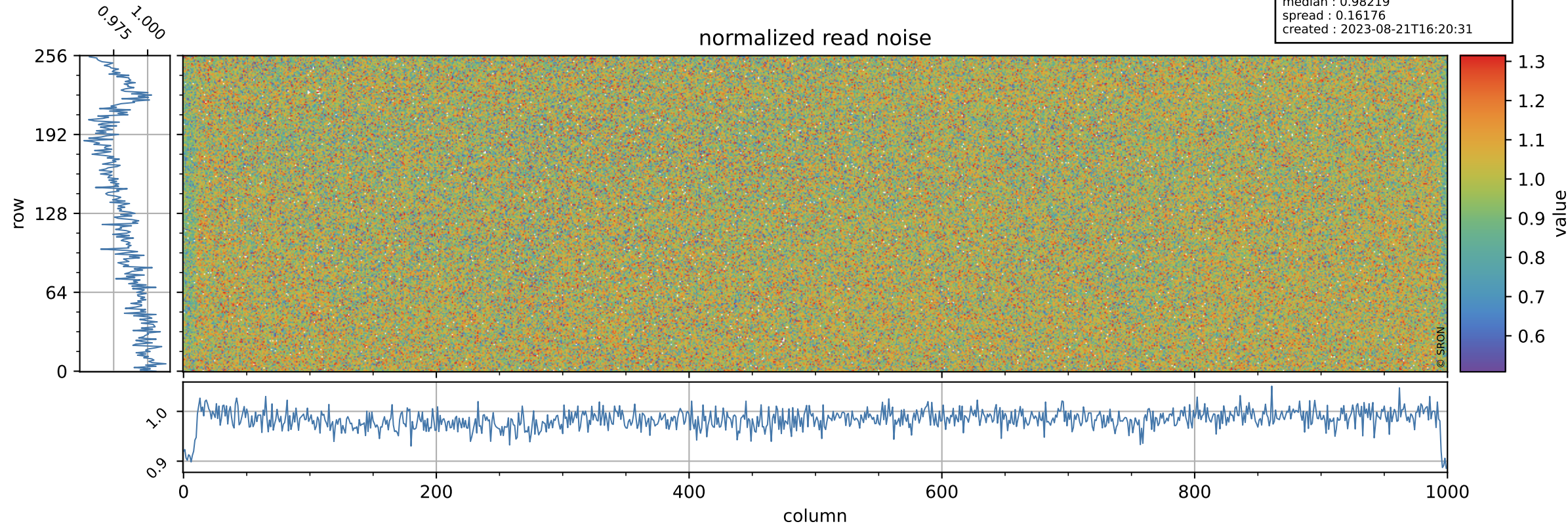
orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
median : 1.1304 e  
spread : 0.0648 e  
created : 2023-08-21T16:20:31





# Tropomi SWIR background noise (swir)

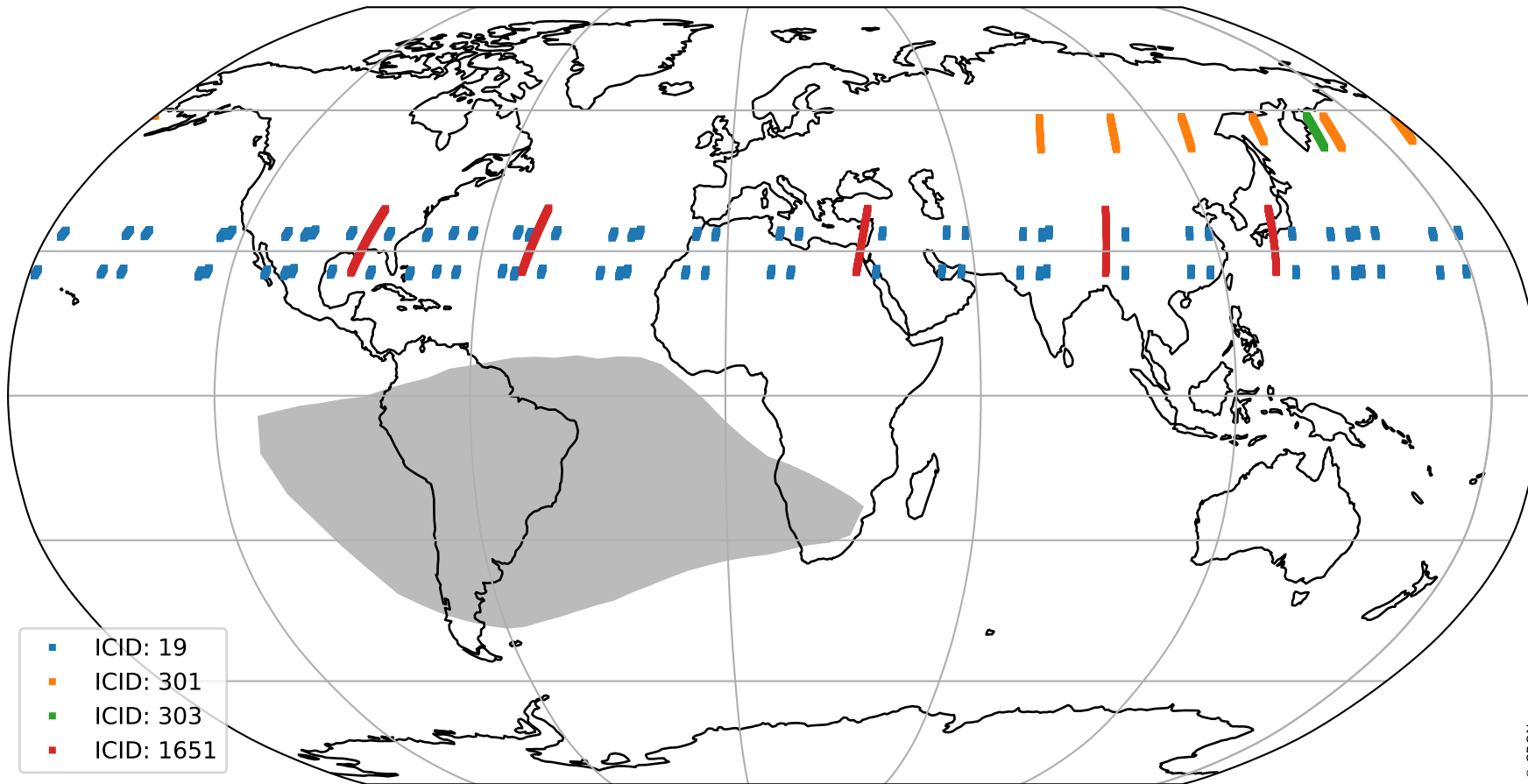
orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
median : 0.98219  
spread : 0.16176  
created : 2023-08-21T16:20:31





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

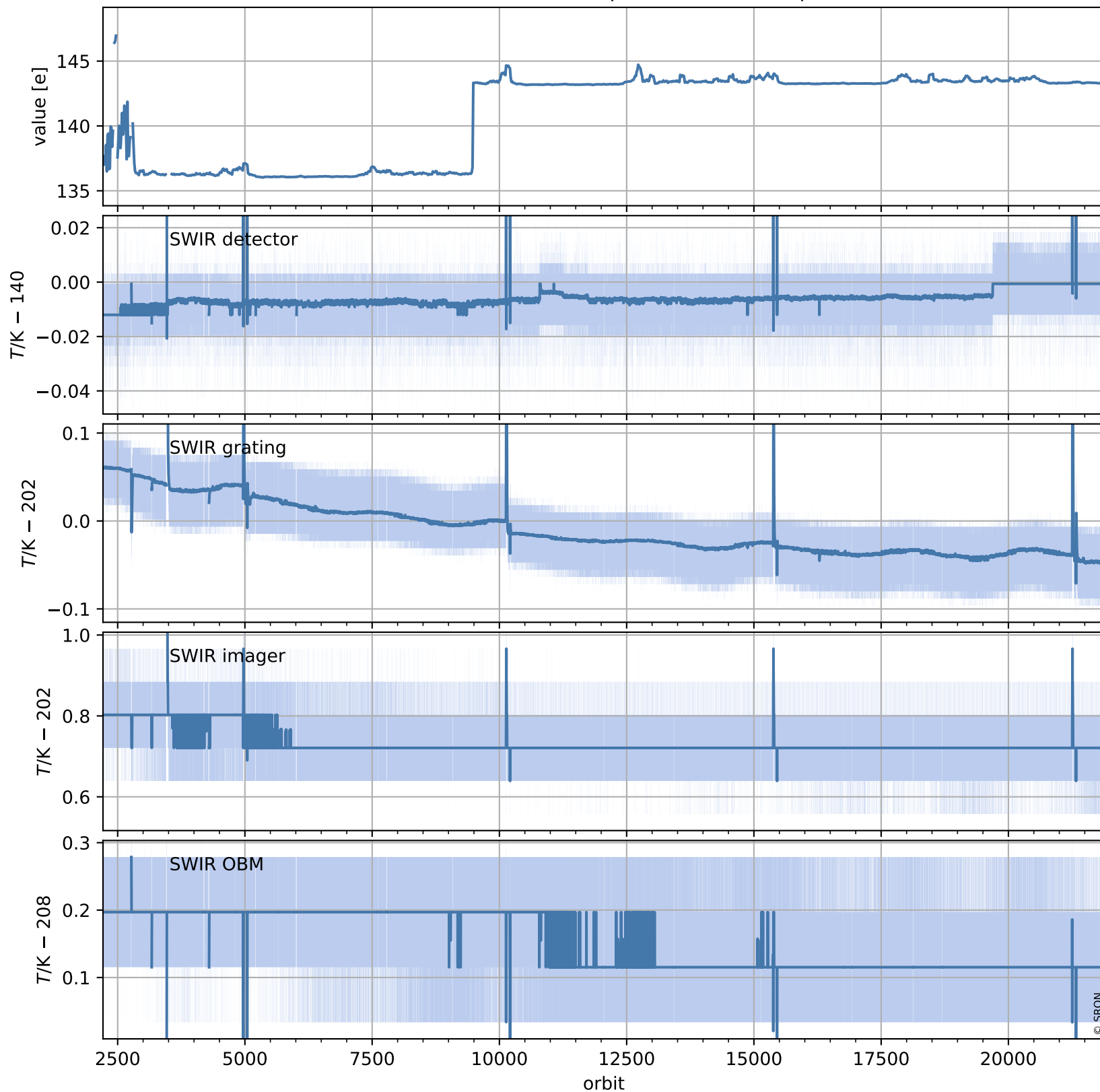
orbits : 12 in [21817, 21892]  
coverage : 2021-12-28 / 2022-01-02  
created : 2023-08-21T16:20:31



# Tropomi SWIR background noise (swir)

orbits : [2212, 21892]  
coverage : 2018-03-18 / 2022-01-02  
created : 2023-08-21T16:20:32

## trend of detector median of plain noise & temperatures

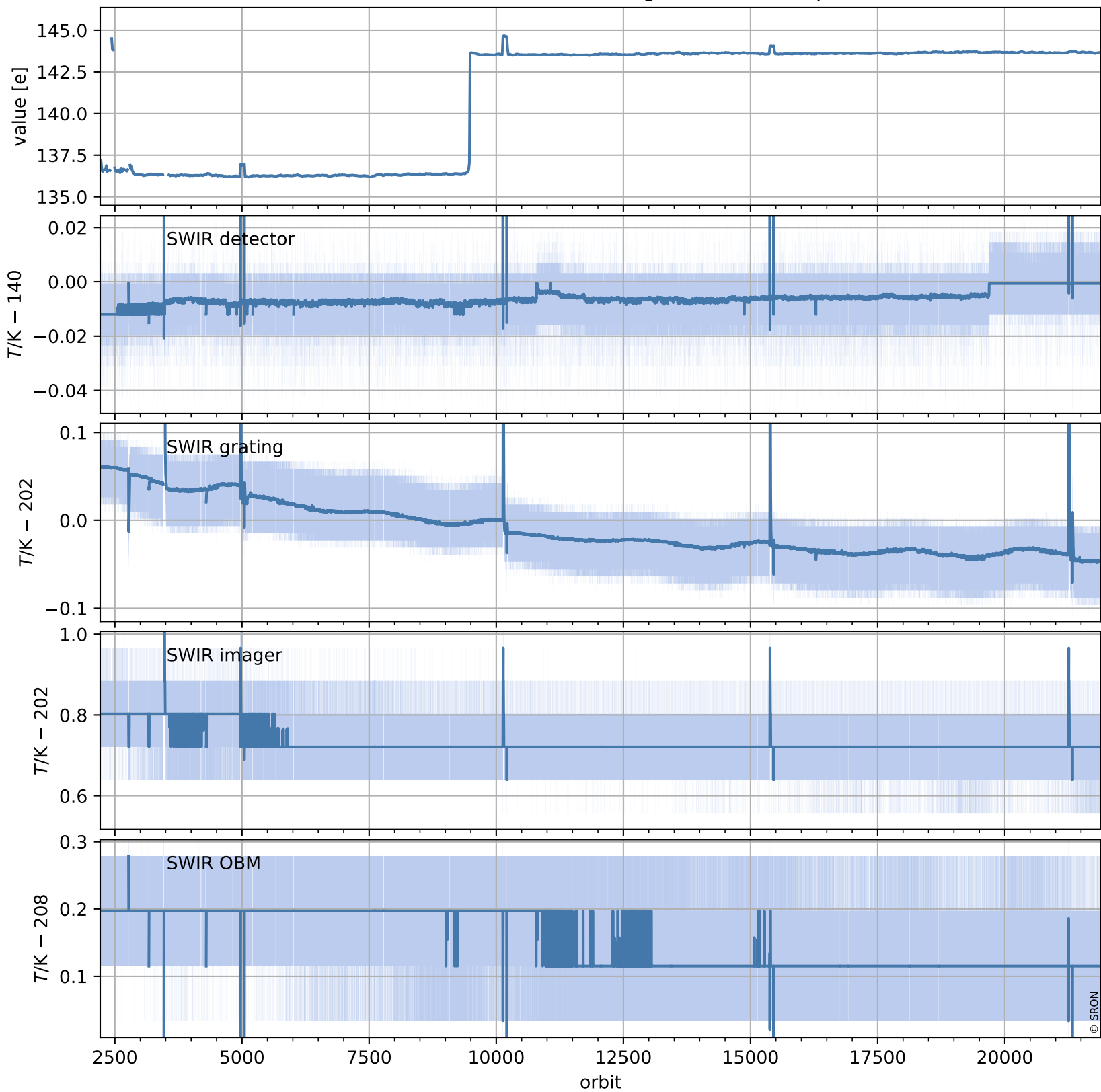




# Tropomi SWIR background noise (swir)

orbits : [2212, 21892]  
coverage : 2018-03-18 / 2022-01-02  
created : 2023-08-21T16:20:32

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21892]  
coverage : 2018-03-18 / 2022-01-02  
created : 2023-08-21T16:20:33

## trend of normalized read-noise & temperatures

