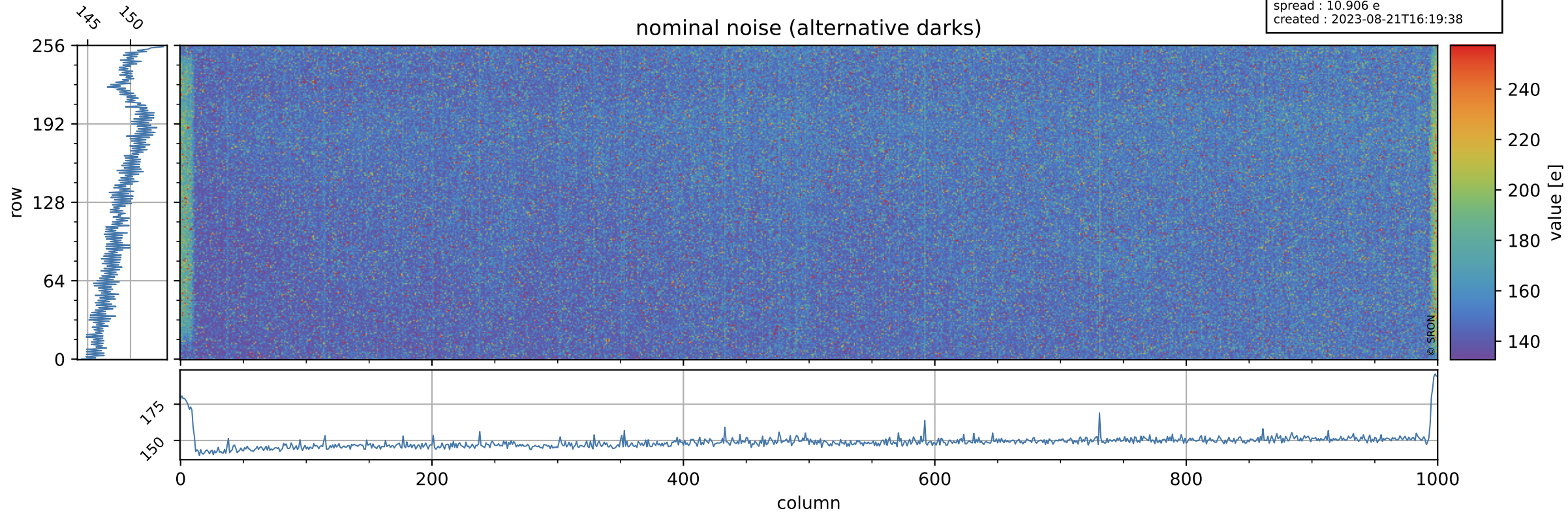


# Tropomi SWIR background noise (swir)

orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.82 e  
spread : 10.906 e  
created : 2023-08-21T16:19:38

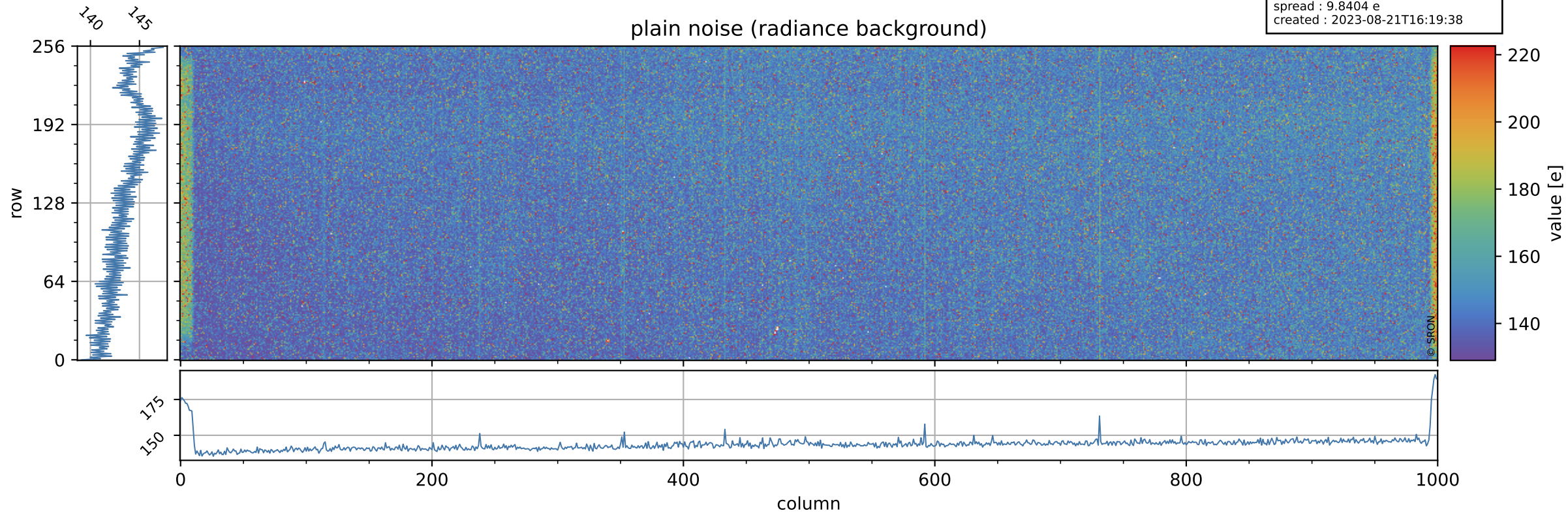
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.46 e  
spread : 9.8404 e  
created : 2023-08-21T16:19:38

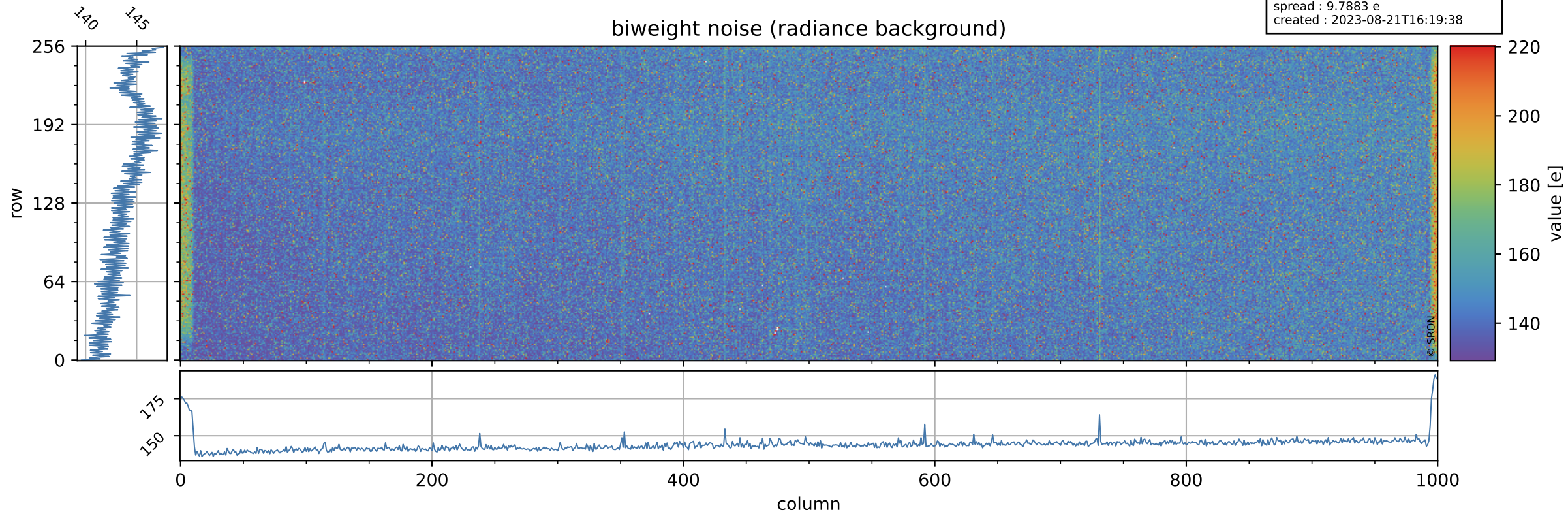
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.7883 e  
created : 2023-08-21T16:19:38

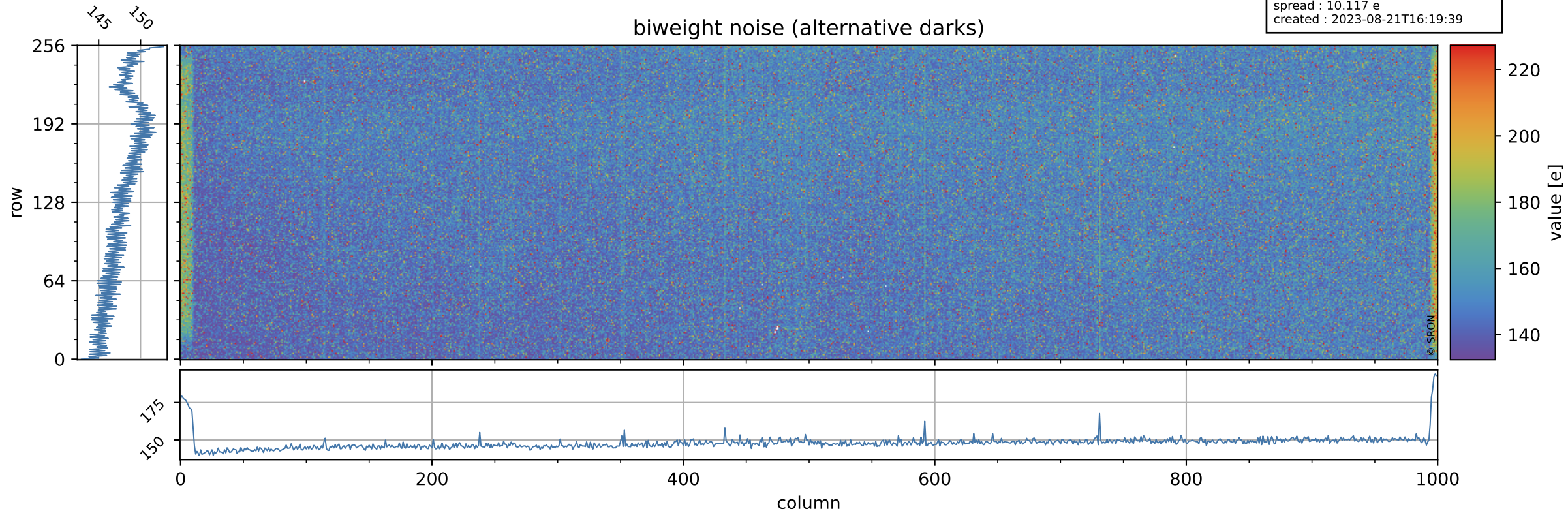
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.78 e  
spread : 10.117 e  
created : 2023-08-21T16:19:39

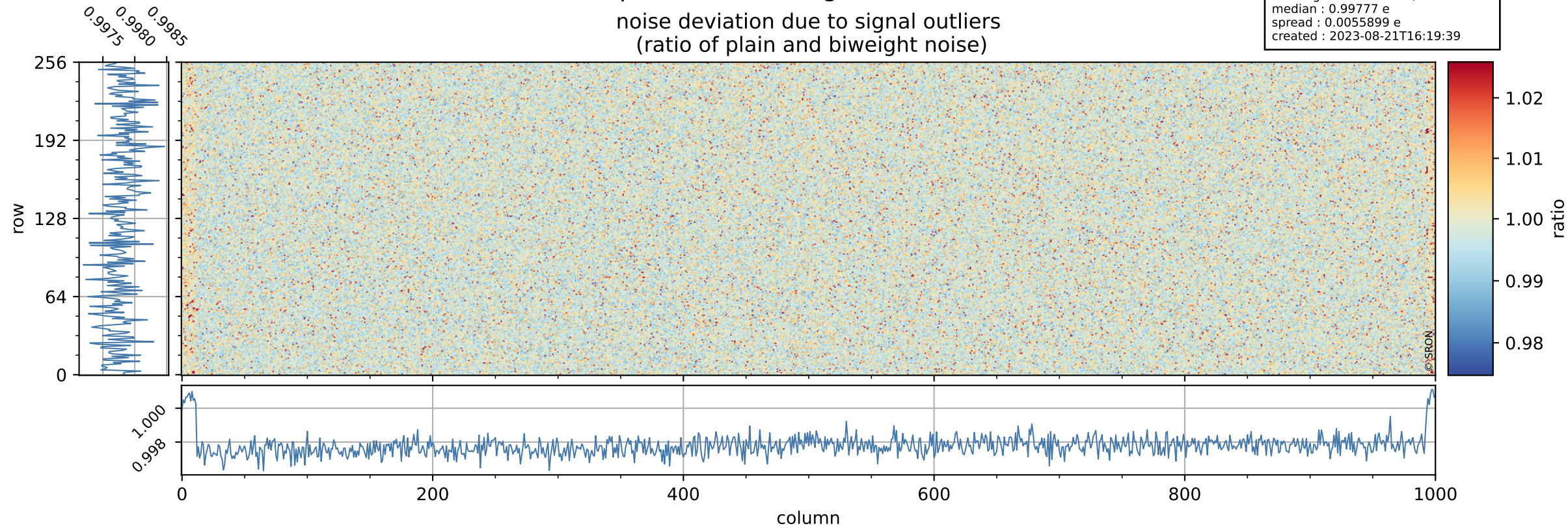
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

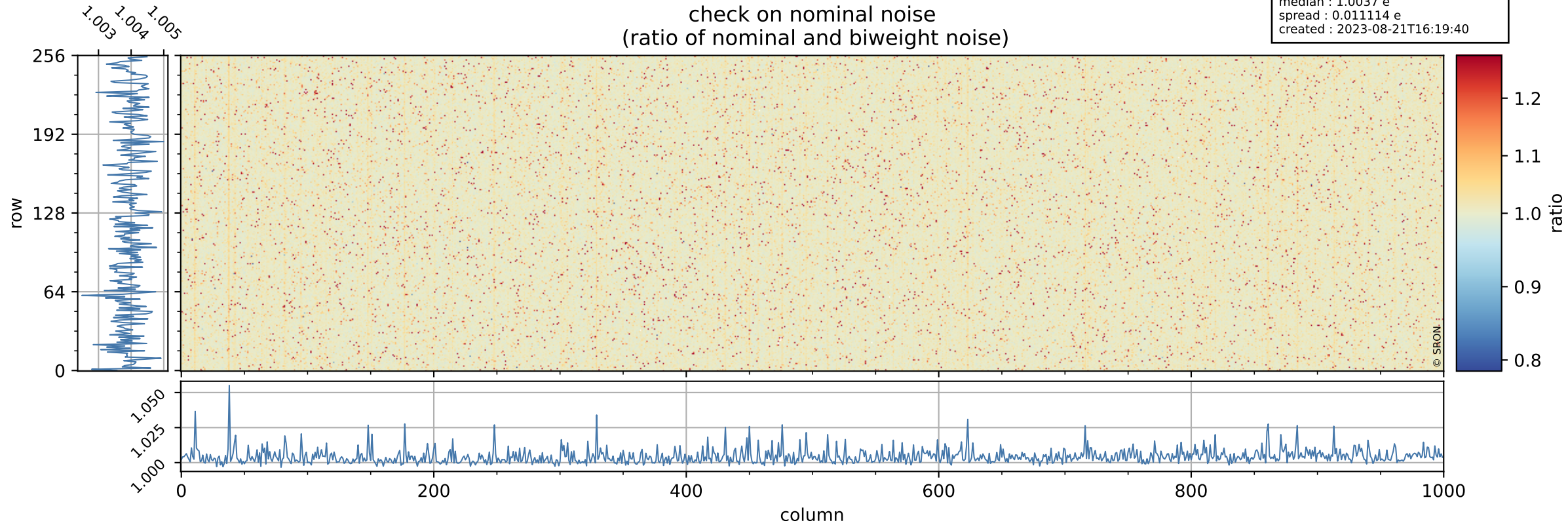
orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
median : 0.99777 e  
spread : 0.0055899 e  
created : 2023-08-21T16:19:39



# Tropomi SWIR background noise (swir)

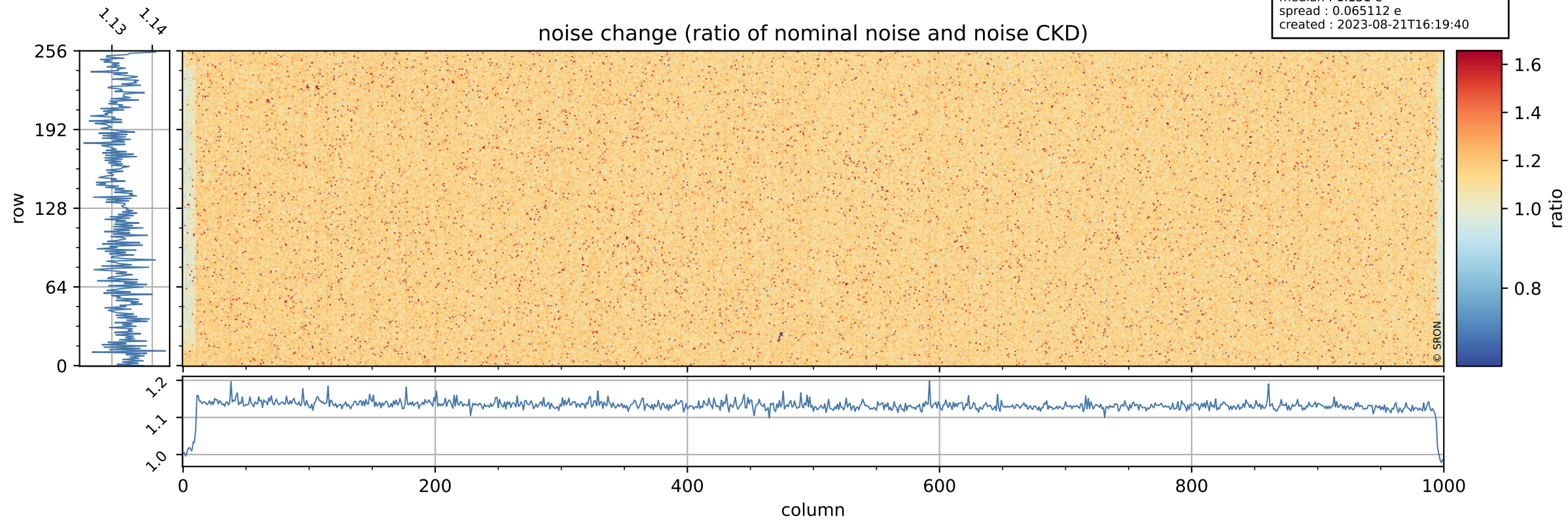
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
median : 1.0037 e  
spread : 0.011114 e  
created : 2023-08-21T16:19:40



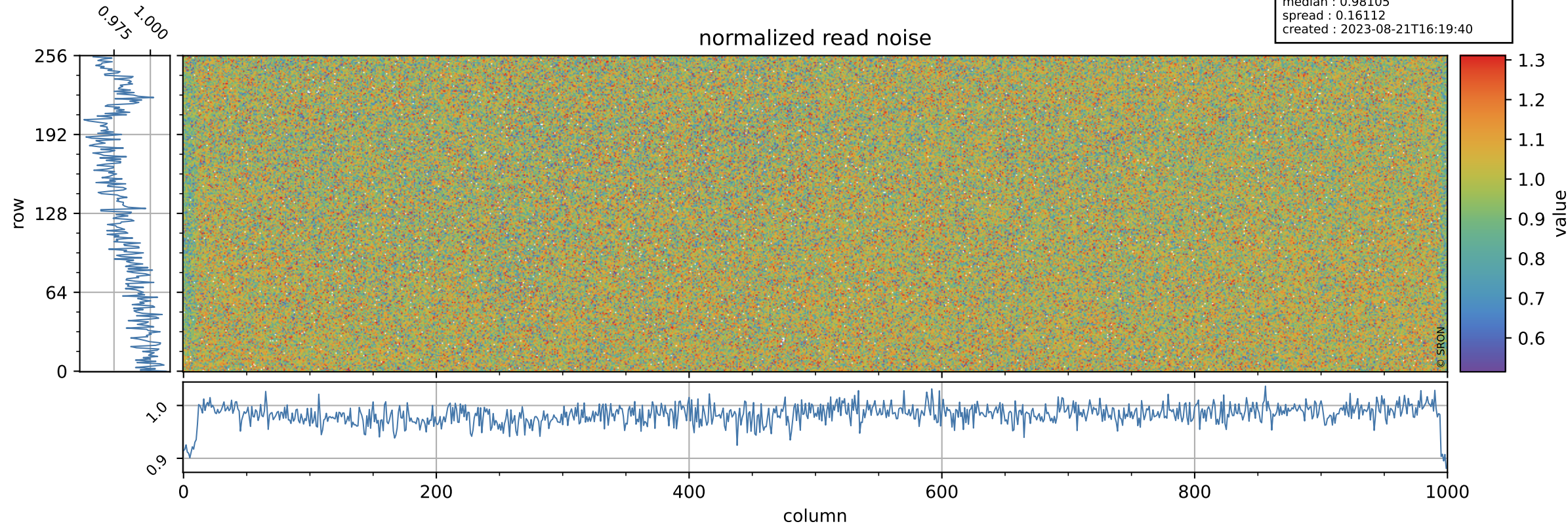
# Tropomi SWIR background noise (swir)

orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
median : 1.131 e  
spread : 0.065112 e  
created : 2023-08-21T16:19:40



# Tropomi SWIR background noise (swir)

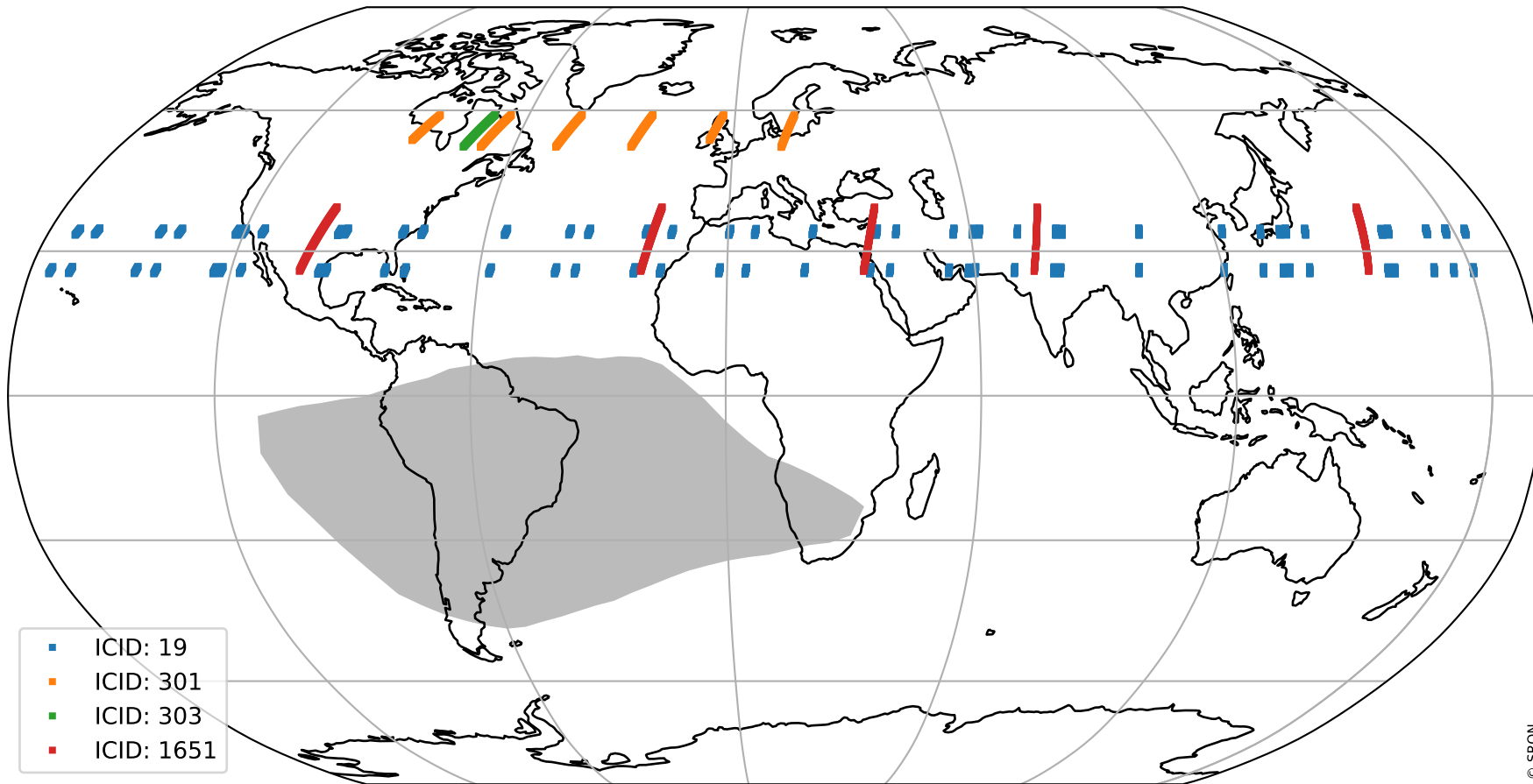
orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
median : 0.98105  
spread : 0.16112  
created : 2023-08-21T16:19:40





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

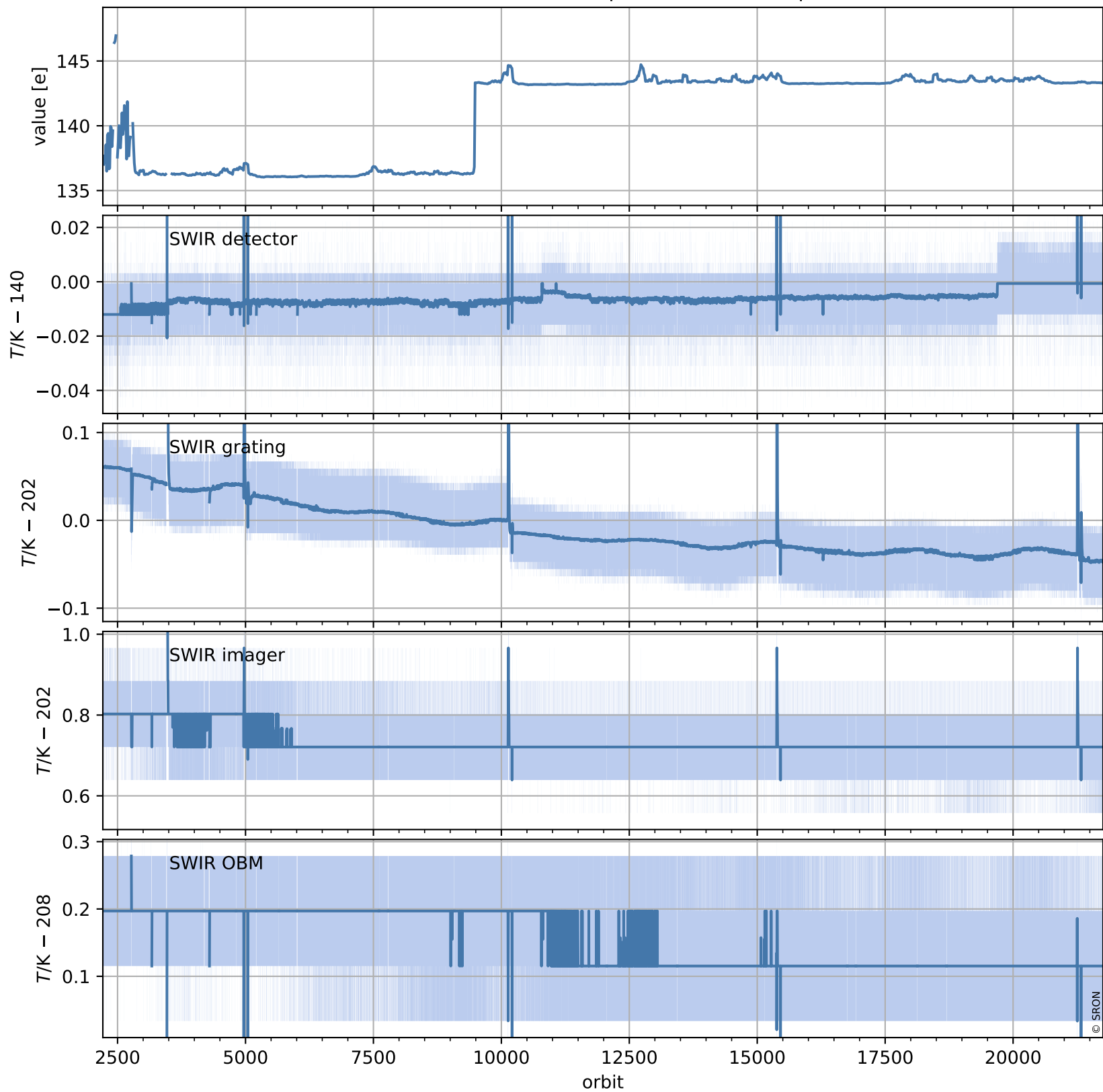
orbits : 12 in [21667, 21757]  
coverage : 2021-12-18 / 2021-12-24  
created : 2023-08-21T16:19:40



# Tropomi SWIR background noise (swir)

orbits : [2212, 21757]  
coverage : 2018-03-18 / 2021-12-24  
created : 2023-08-21T16:19:41

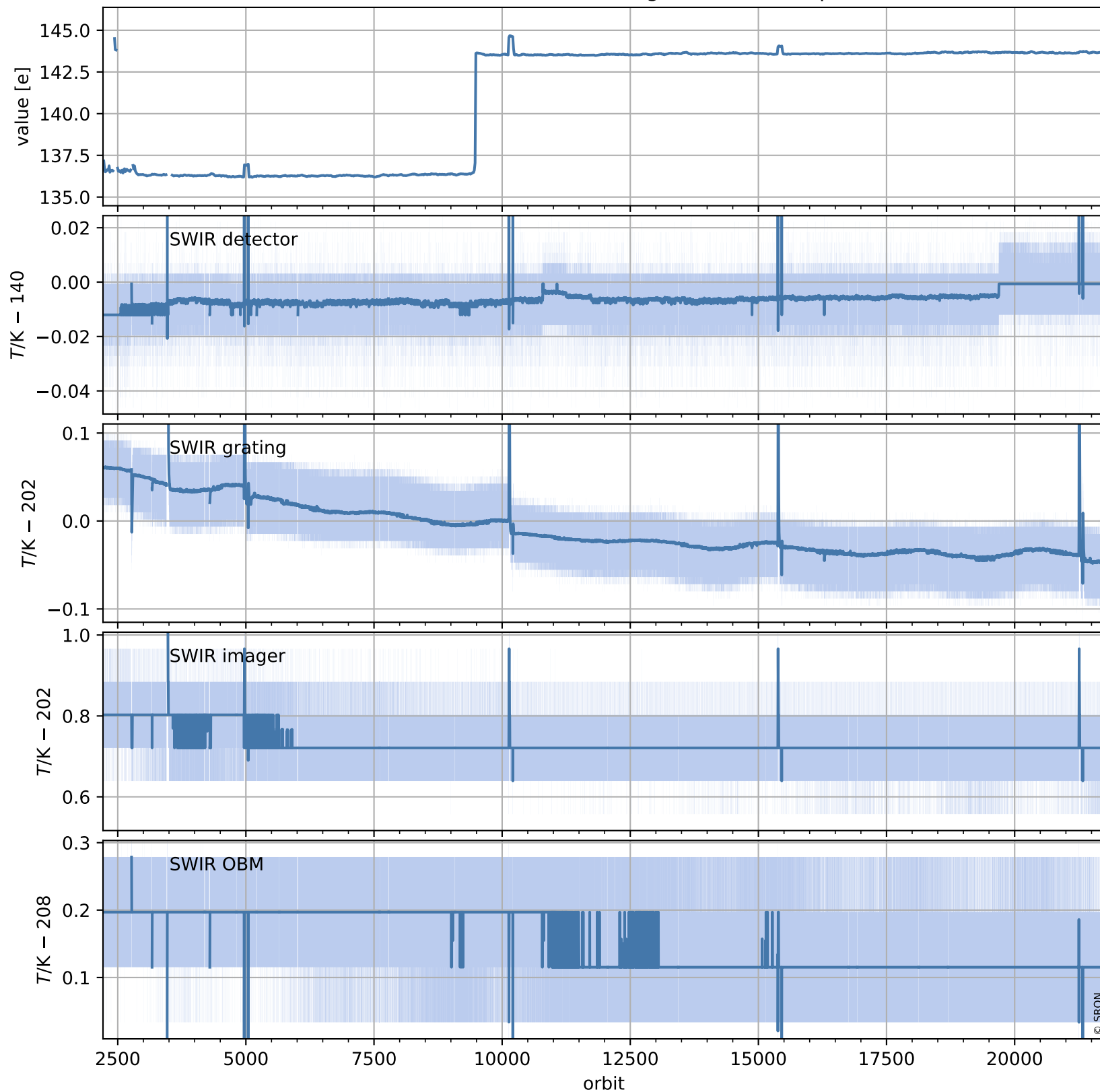
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21757]  
coverage : 2018-03-18 / 2021-12-24  
created : 2023-08-21T16:19:42

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21757]  
coverage : 2018-03-18 / 2021-12-24  
created : 2023-08-21T16:19:42

## trend of normalized read-noise & temperatures

