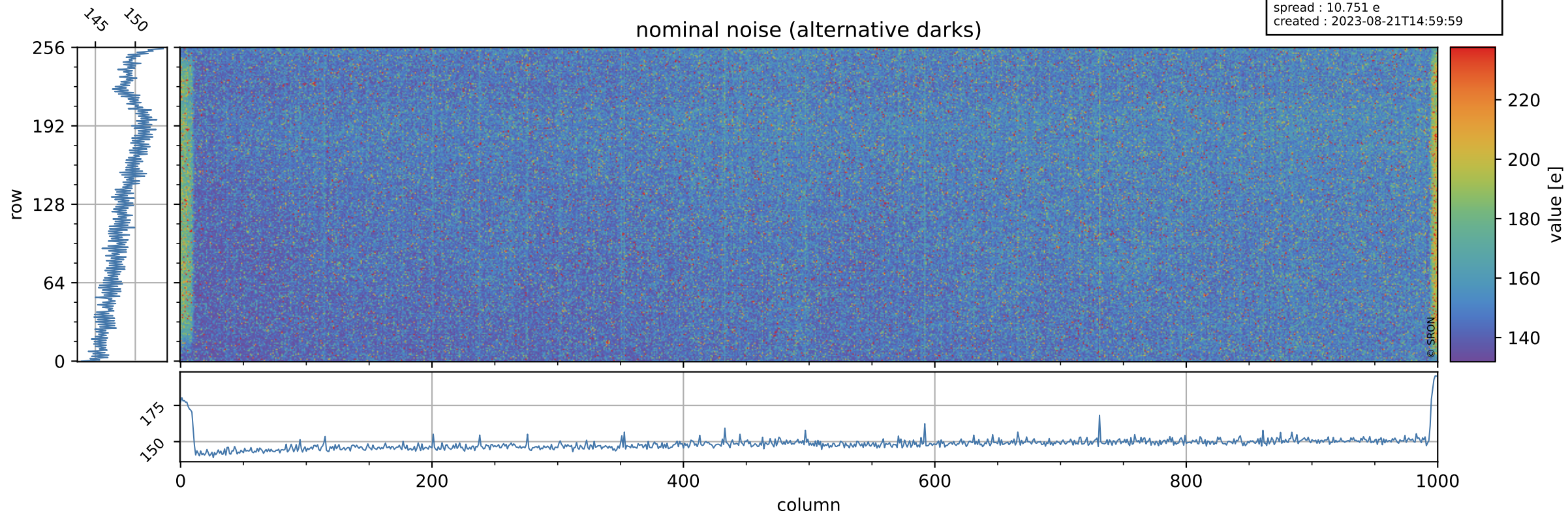


# Tropomi SWIR background noise (swir)

orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.42 e  
spread : 10.751 e  
created : 2023-08-21T14:59:59

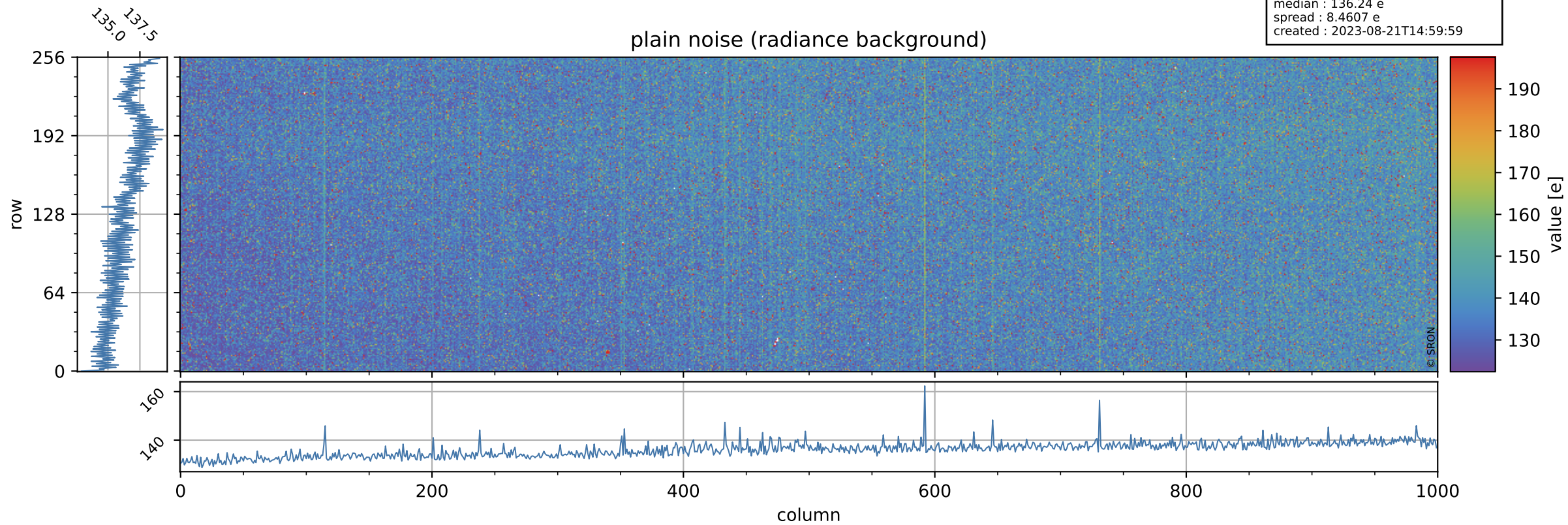
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
n\_coad, t\_exp : 2, 0.5383  
median : 136.24 e  
spread : 8.4607 e  
created : 2023-08-21T14:59:59

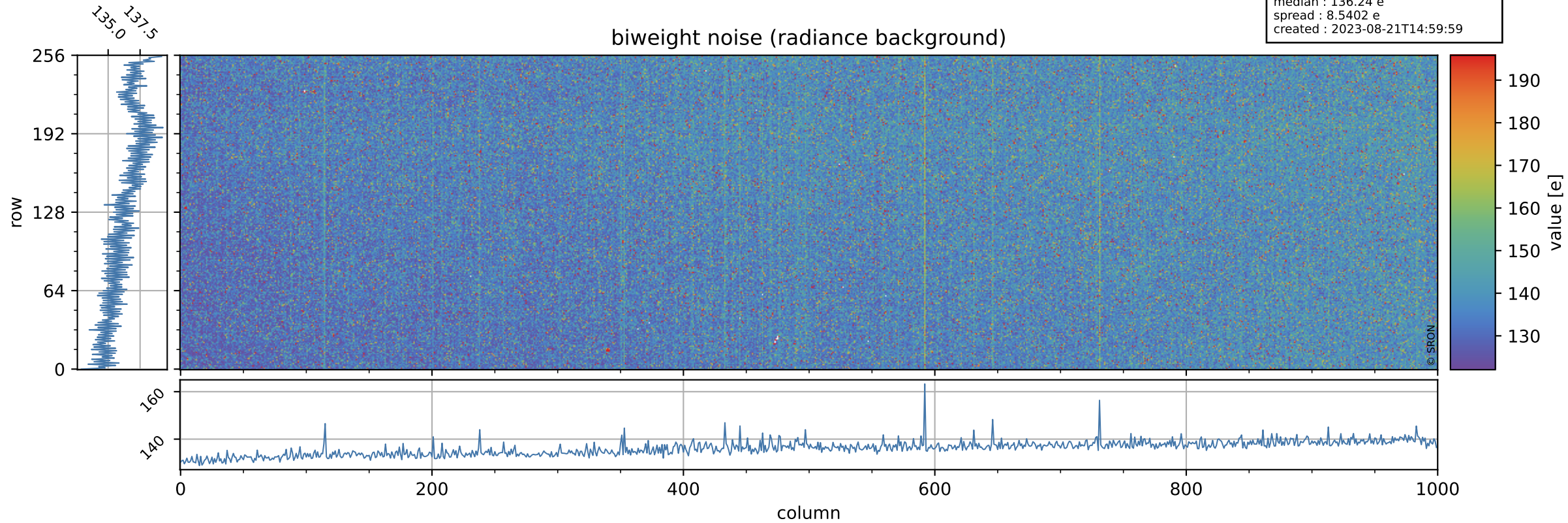
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
n\_coad, t\_exp : 2, 0.5383  
median : 136.24 e  
spread : 8.5402 e  
created : 2023-08-21T14:59:59

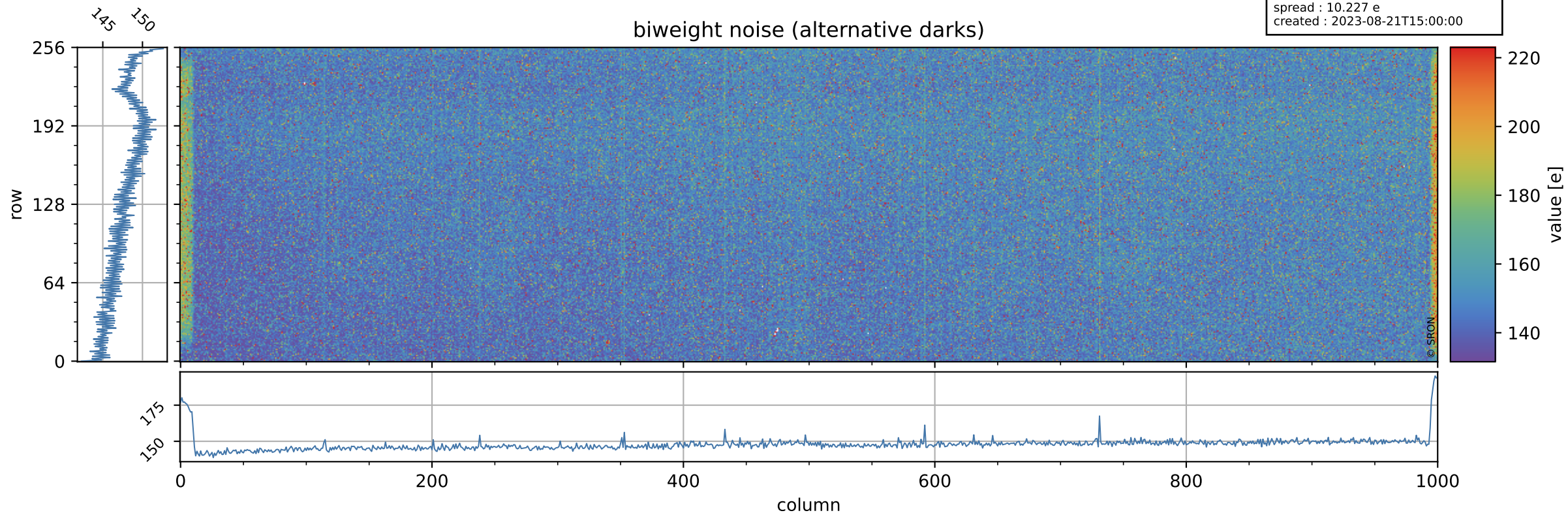
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 10.227 e  
created : 2023-08-21T15:00:00

## biweight noise (alternative darks)

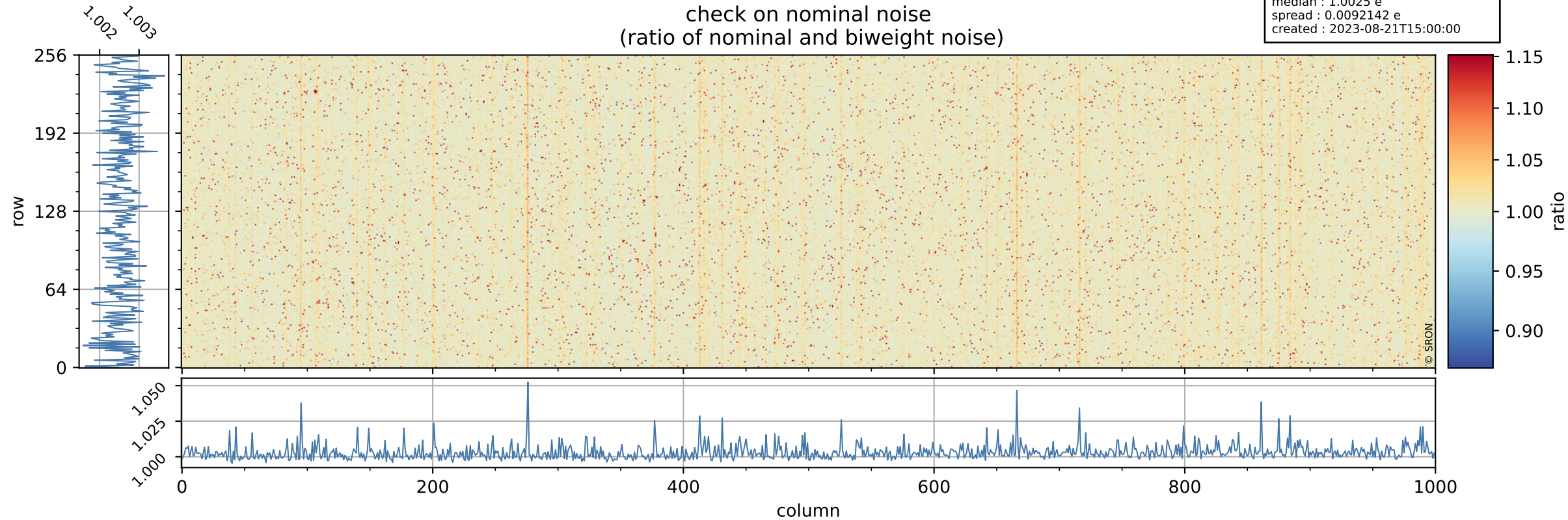




# Tropomi SWIR background noise (swir)

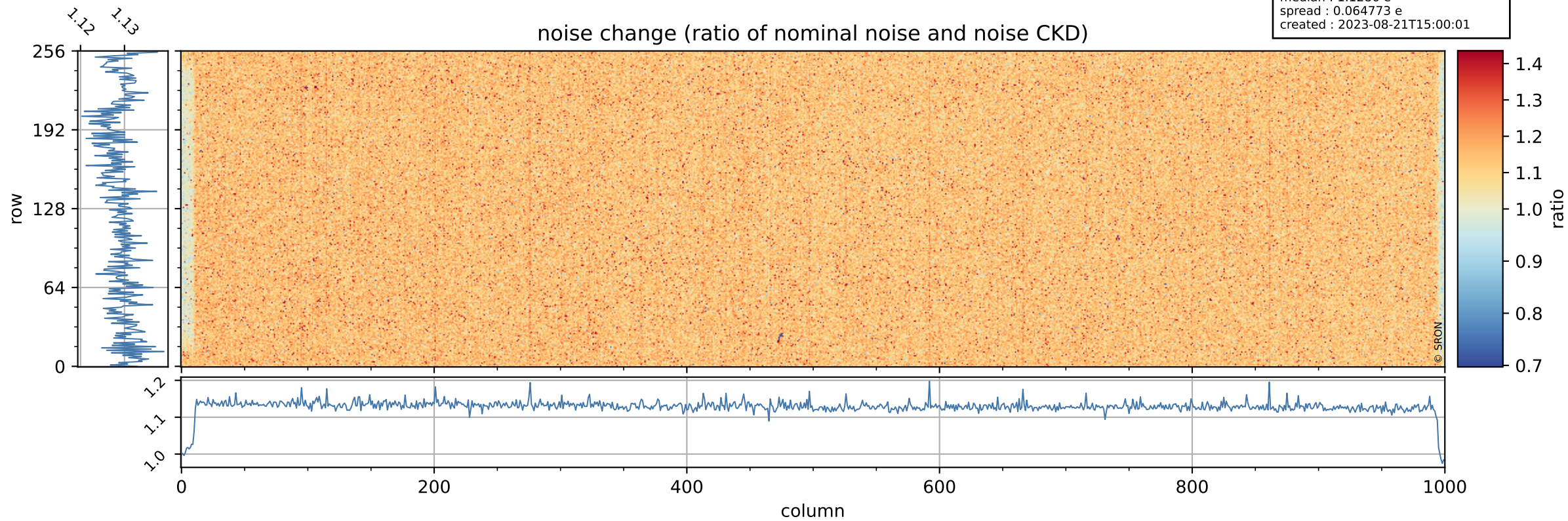
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
median : 1.0025 e  
spread : 0.0092142 e  
created : 2023-08-21T15:00:00



# Tropomi SWIR background noise (swir)

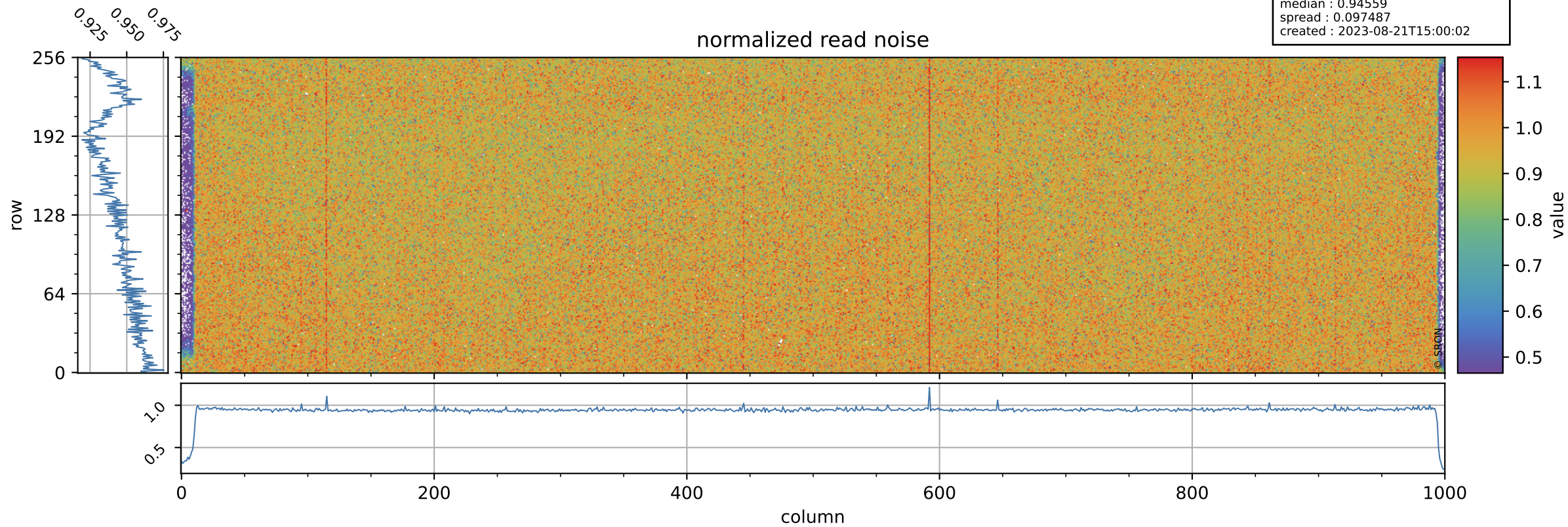
orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
median : 1.1286 e  
spread : 0.064773 e  
created : 2023-08-21T15:00:01



# Tropomi SWIR background noise (swir)

orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
median : 0.94559  
spread : 0.097487  
created : 2023-08-21T15:00:02

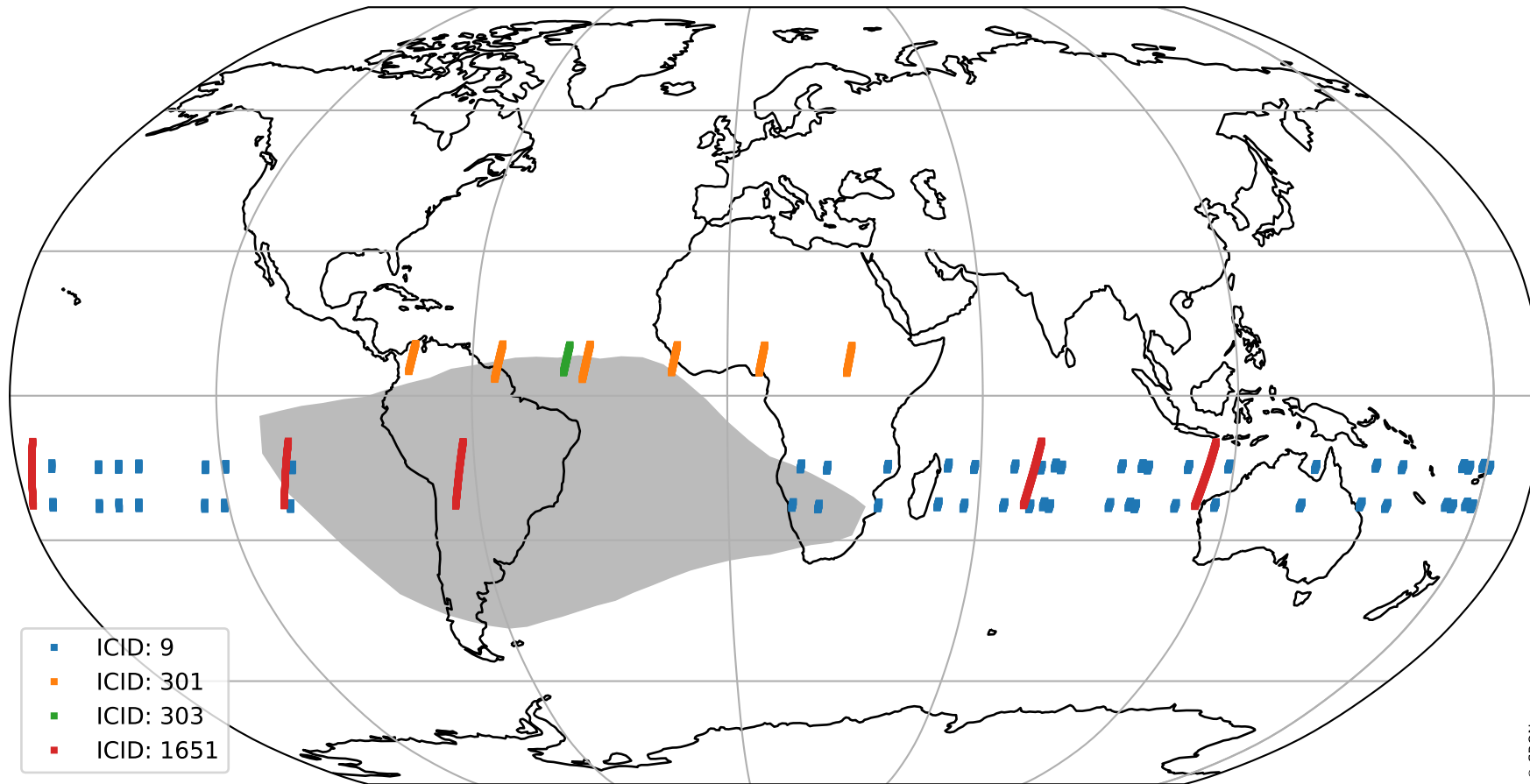
## normalized read noise





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

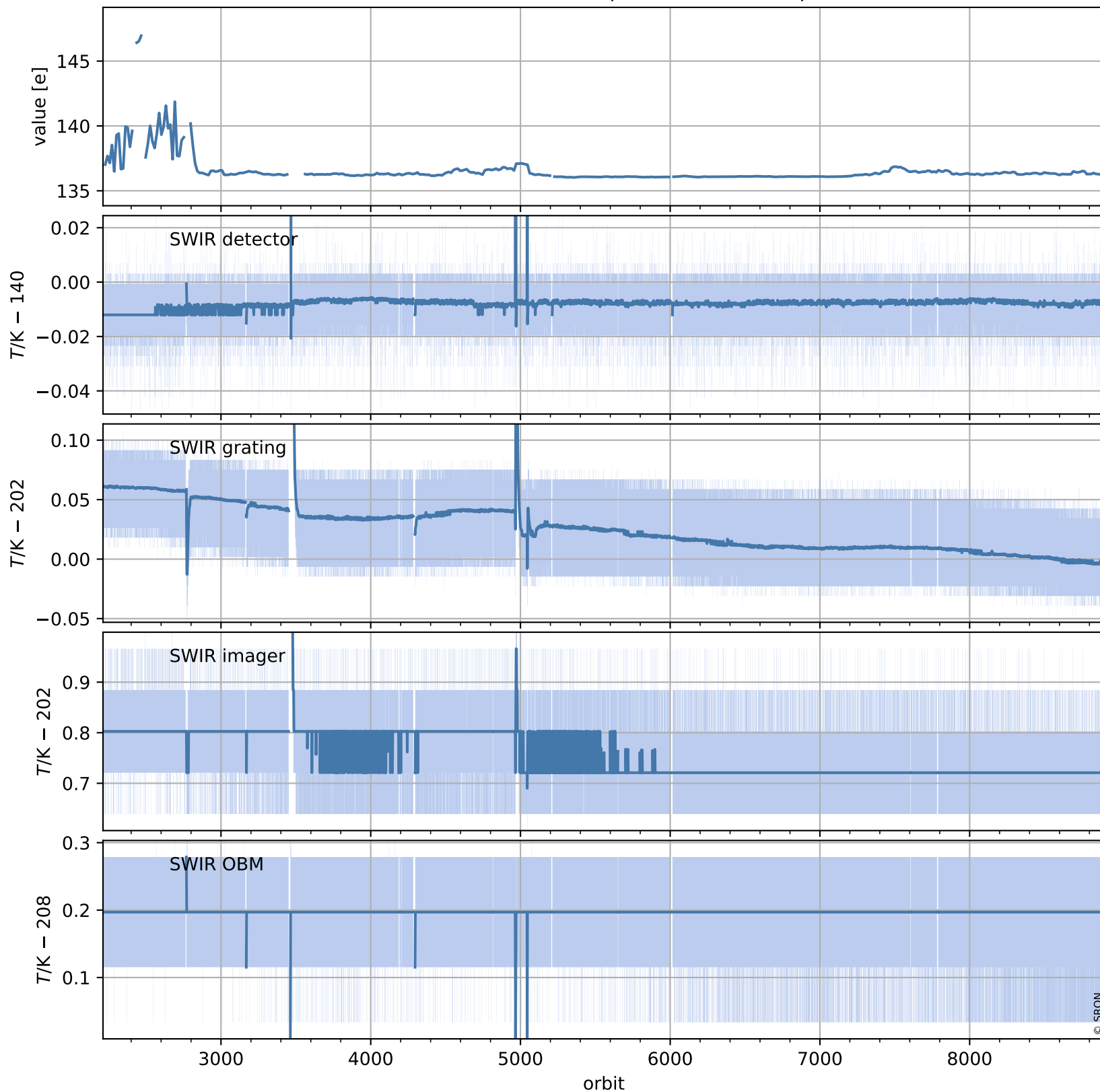
orbits : 12 in [8812, 8902]  
coverage : 2019-06-26 / 2019-07-02  
created : 2023-08-21T15:00:02



# Tropomi SWIR background noise (swir)

orbits : [2212, 8902]  
coverage : 2018-03-18 / 2019-07-02  
created : 2023-08-21T15:00:02

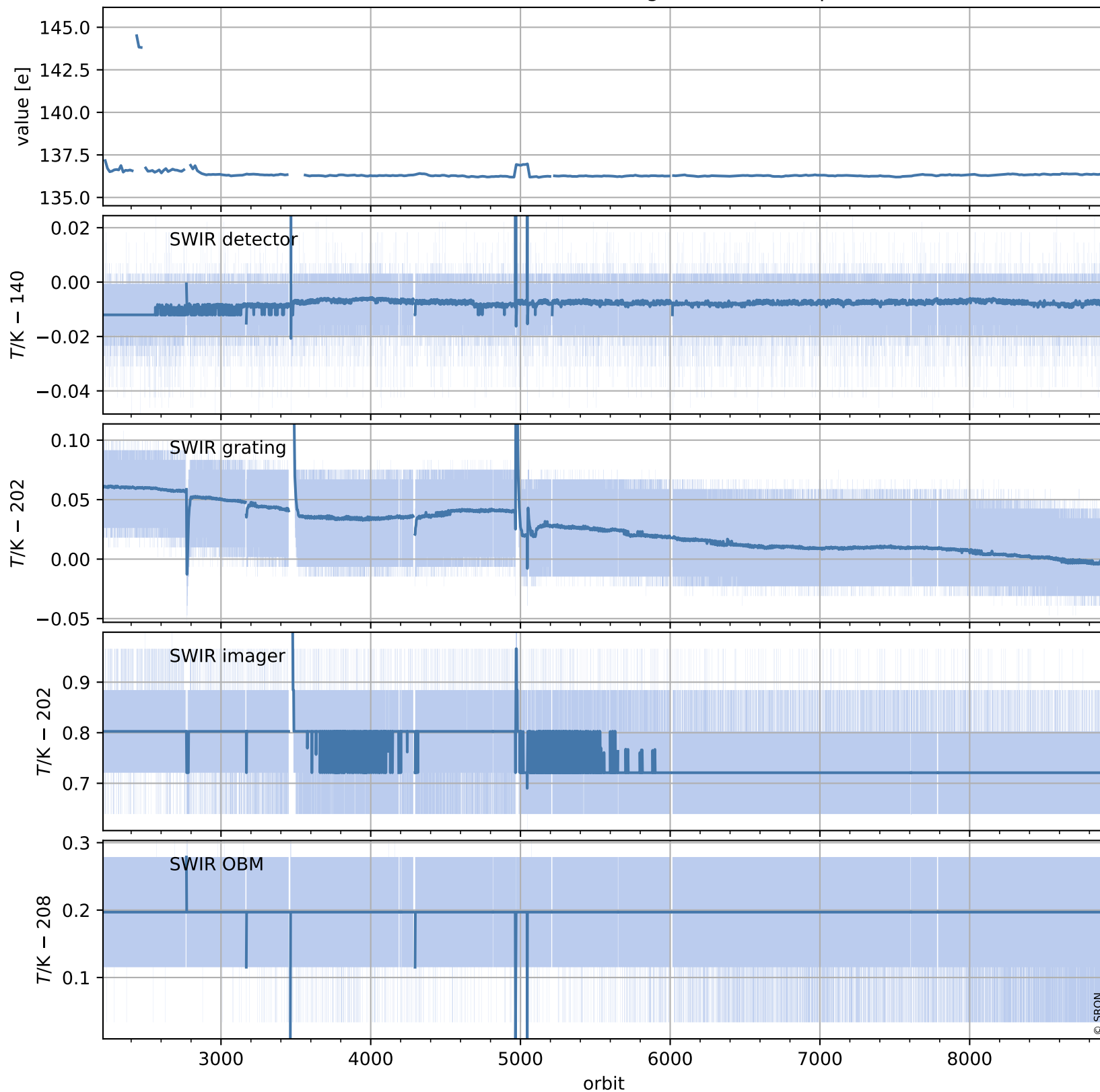
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8902]  
coverage : 2018-03-18 / 2019-07-02  
created : 2023-08-21T15:00:03

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8902]  
coverage : 2018-03-18 / 2019-07-02  
created : 2023-08-21T15:00:04

## trend of normalized read-noise & temperatures

