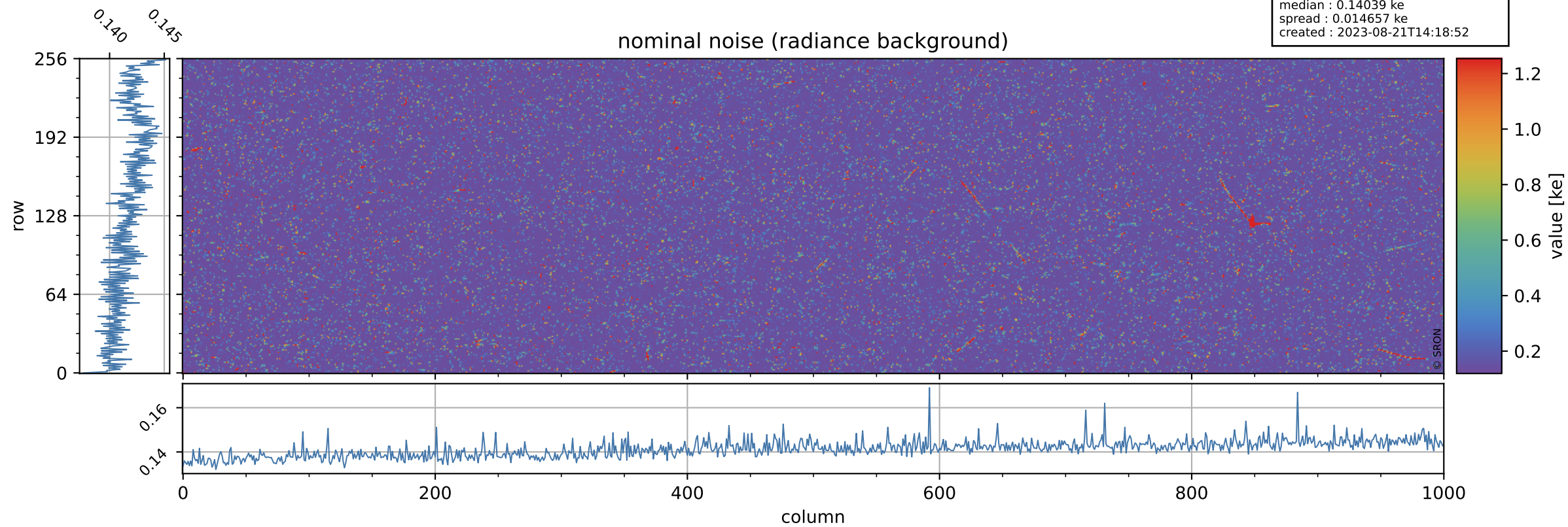


# Tropomi SWIR background noise (swir)

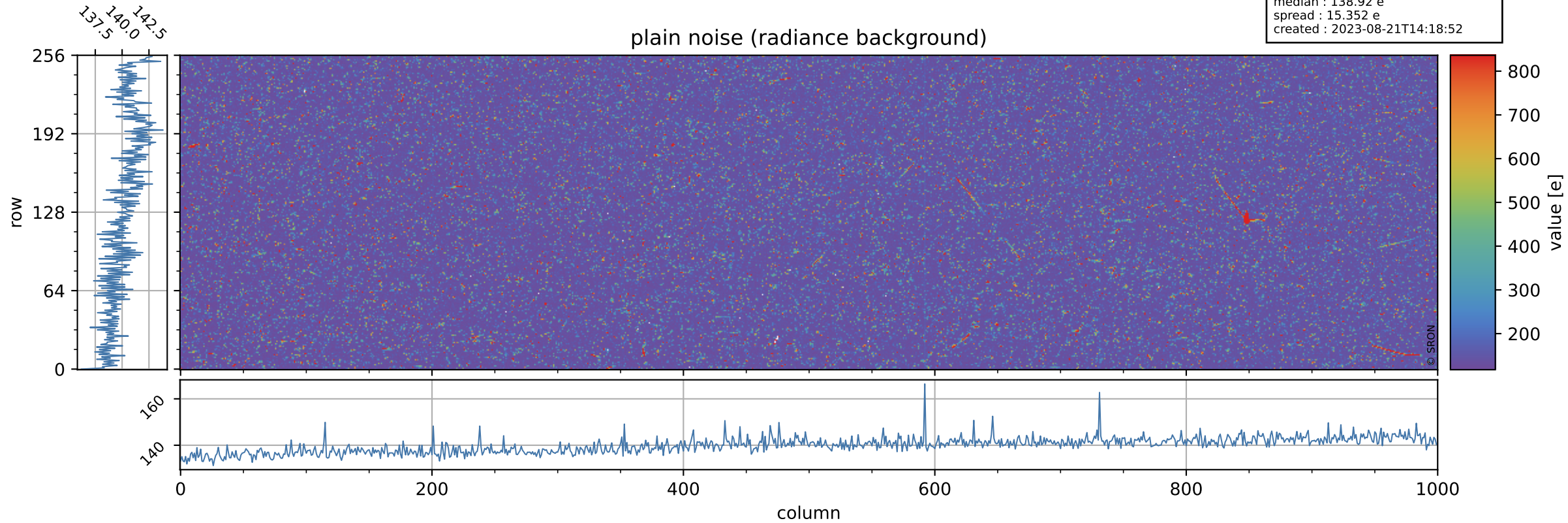
orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
n\_coad, t\_exp : 2, 0.5383  
median : 0.14039 ke  
spread : 0.014657 ke  
created : 2023-08-21T14:18:52



# Tropomi SWIR background noise (swir)

orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
n\_coad, t\_exp : 2, 0.5383  
median : 138.92 e  
spread : 15.352 e  
created : 2023-08-21T14:18:52

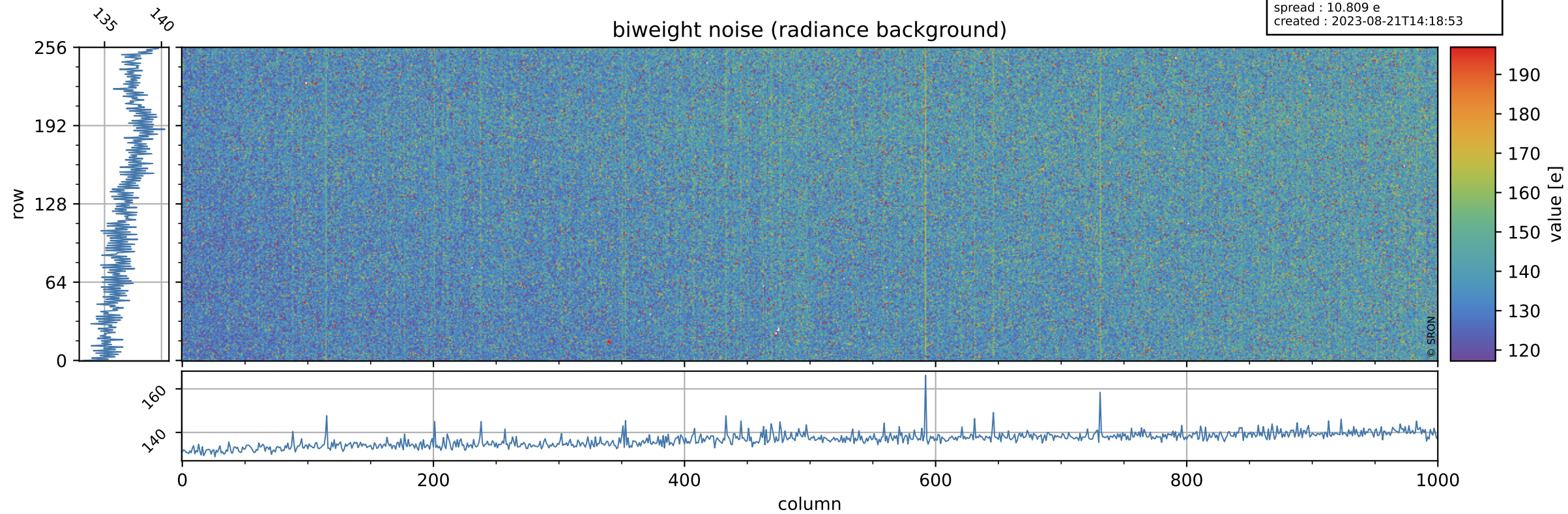
## plain noise (radiance background)





# Tropomi SWIR background noise (swir)

orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
n\_coad, t\_exp : 2, 0.5383  
median : 136.78 e  
spread : 10.809 e  
created : 2023-08-21T14:18:53

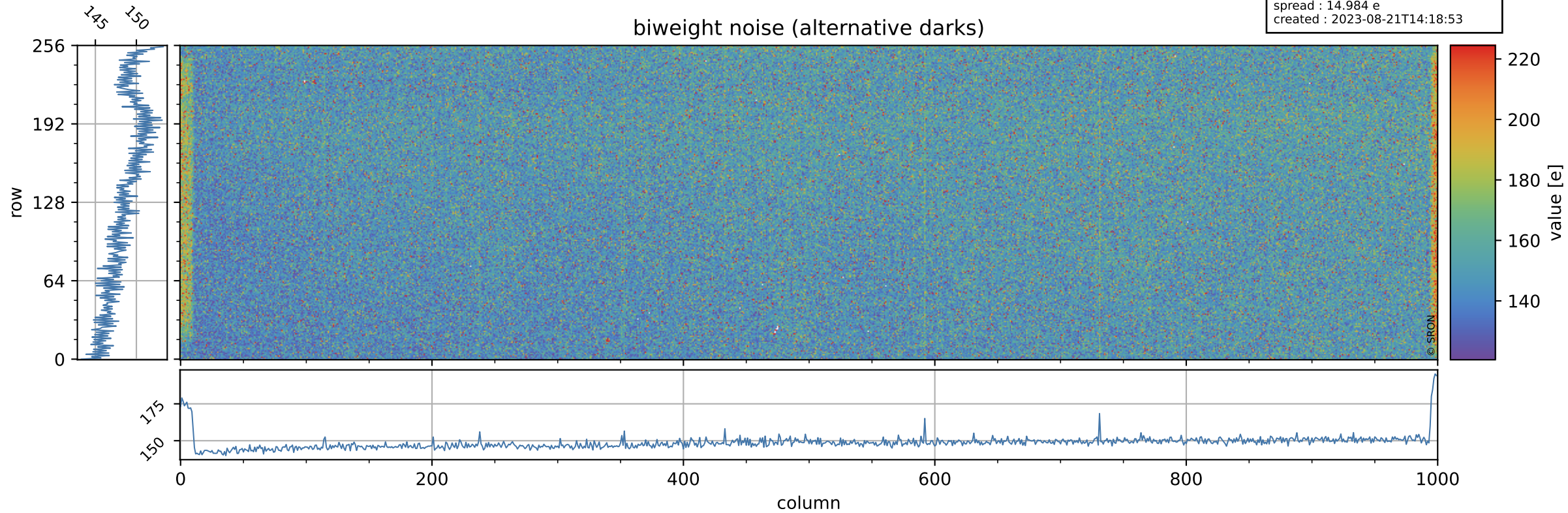




# Tropomi SWIR background noise (swir)

orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
n\_coad, t\_exp : 1, 1.0783  
median : 148.34 e  
spread : 14.984 e  
created : 2023-08-21T14:18:53

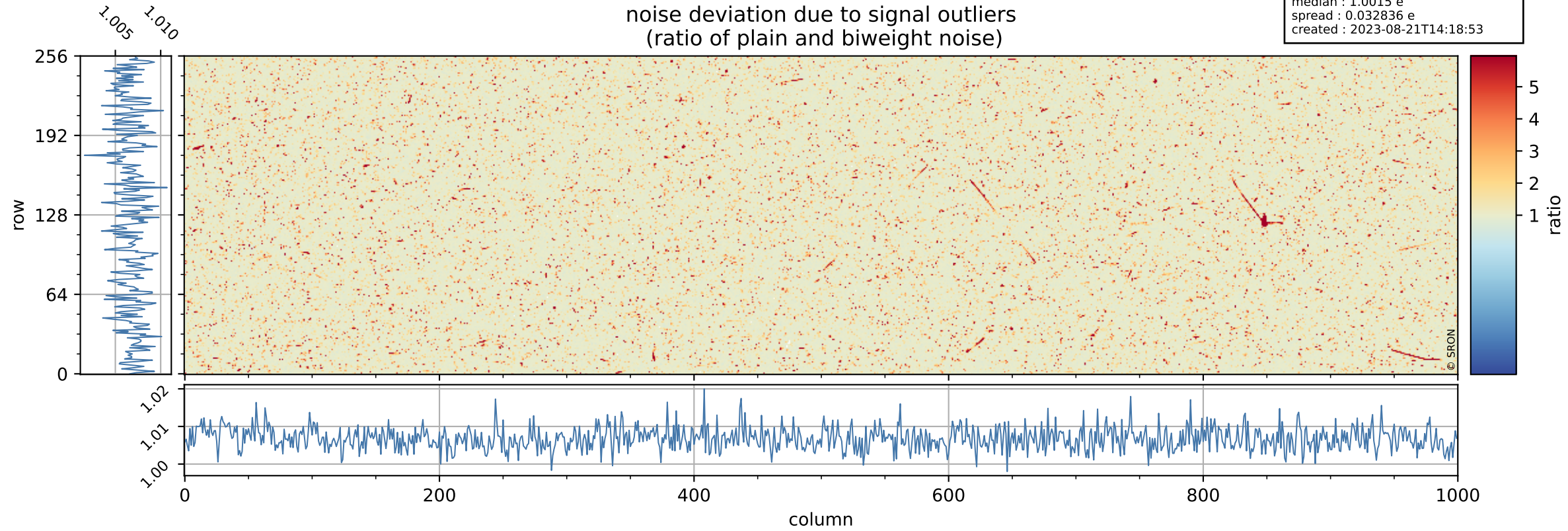
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
median : 1.0015 e  
spread : 0.032836 e  
created : 2023-08-21T14:18:53

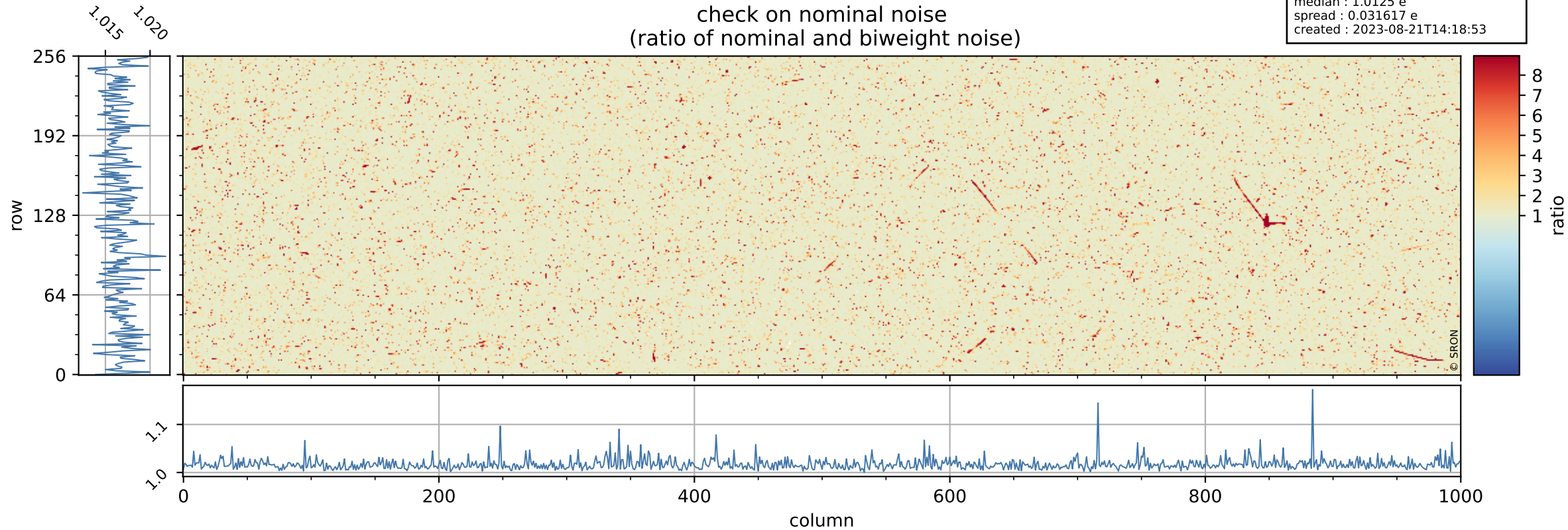




# Tropomi SWIR background noise (swir)

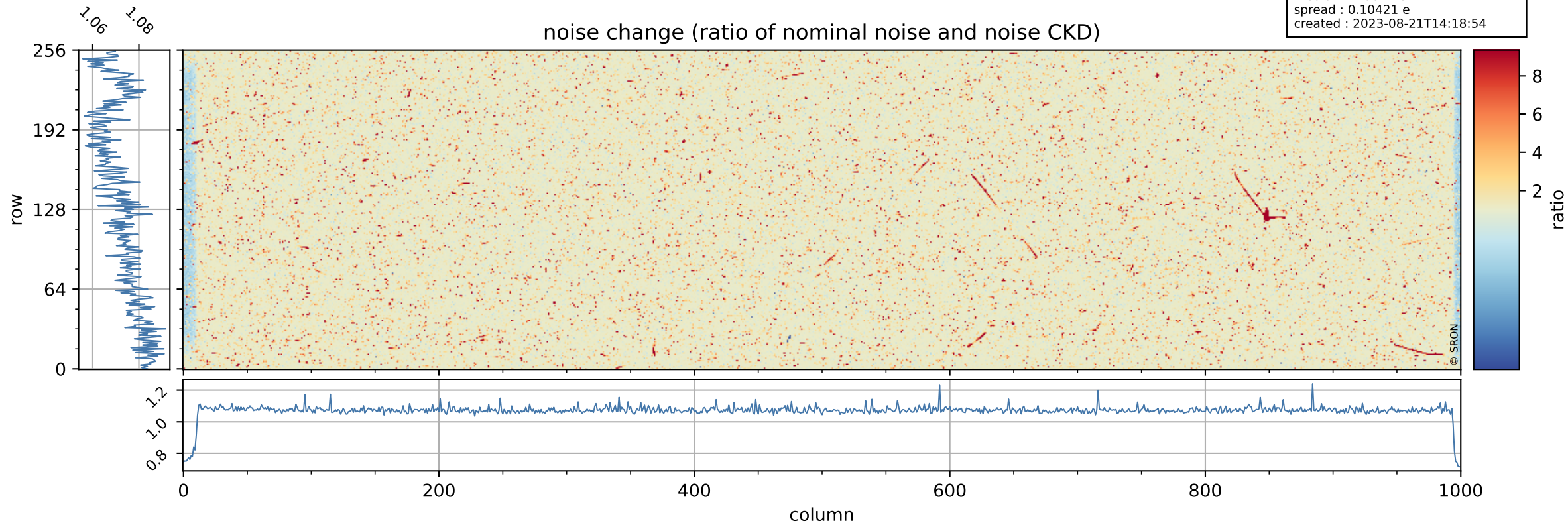
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
median : 1.0125 e  
spread : 0.031617 e  
created : 2023-08-21T14:18:53



# Tropomi SWIR background noise (swir)

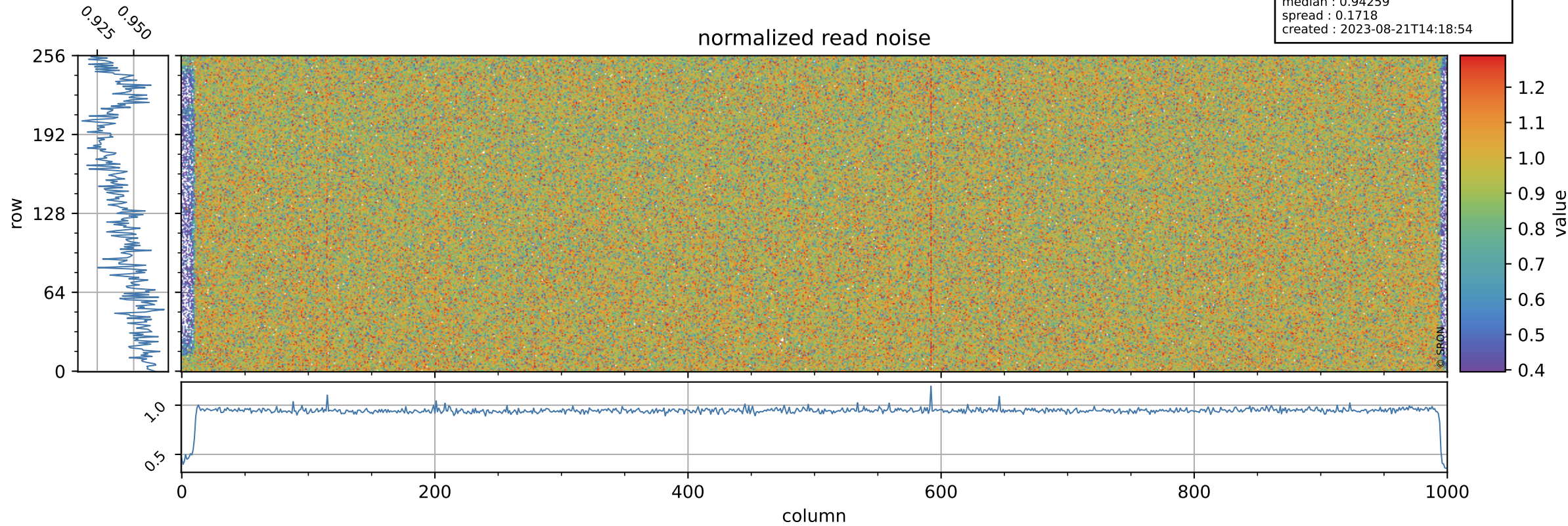
orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
median : 1.0617 e  
spread : 0.10421 e  
created : 2023-08-21T14:18:54





# Tropomi SWIR background noise (swir)

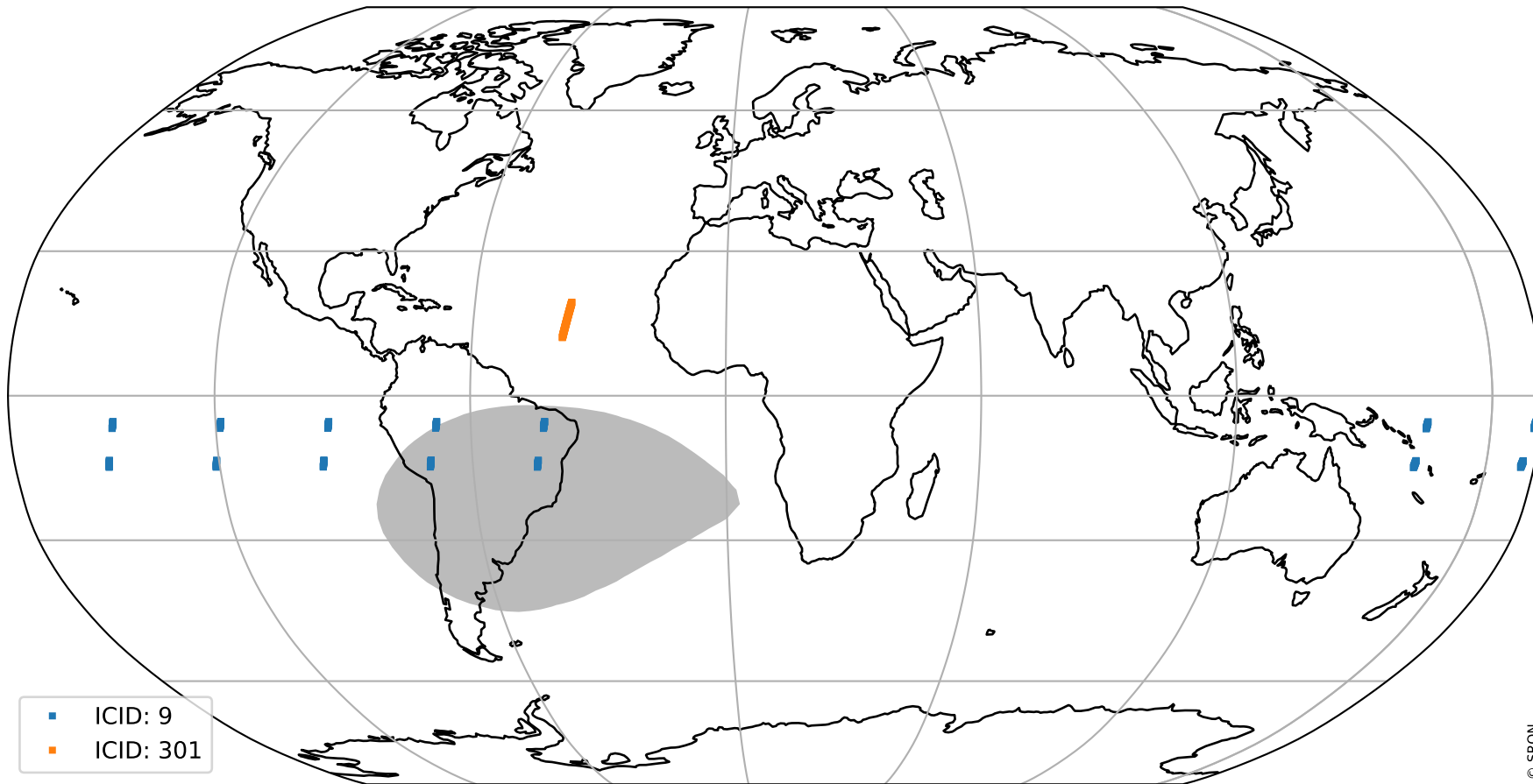
orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
median : 0.94259  
spread : 0.1718  
created : 2023-08-21T14:18:54





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

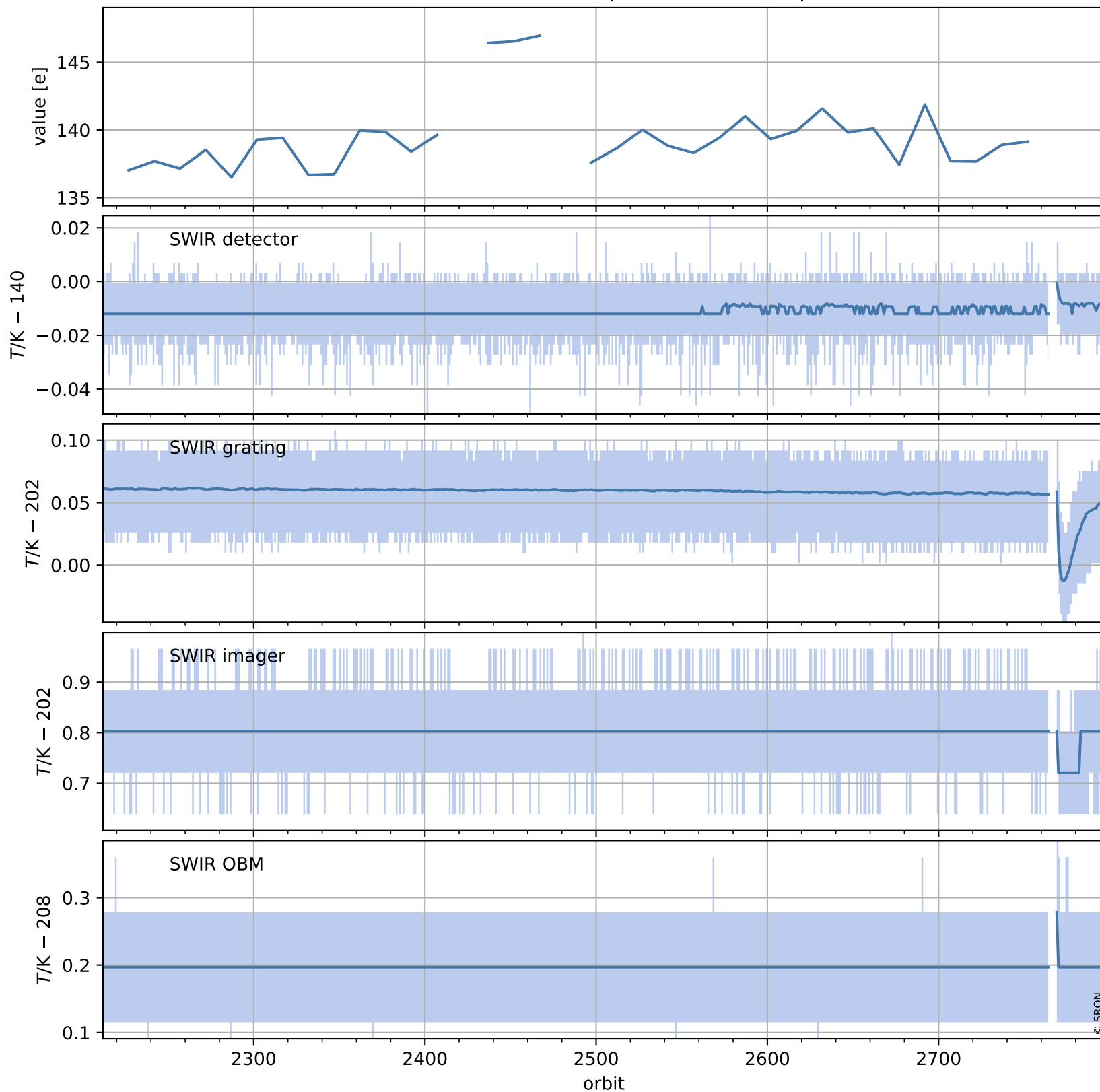
orbits : 7 in [2782, 2797]  
coverage : 2018-04-28 / 2018-04-28  
created : 2023-08-21T14:18:54



# Tropomi SWIR background noise (swir)

orbits : [2212, 2797]  
coverage : 2018-03-18 / 2018-04-28  
created : 2023-08-21T14:18:54

## trend of detector median of plain noise & temperatures

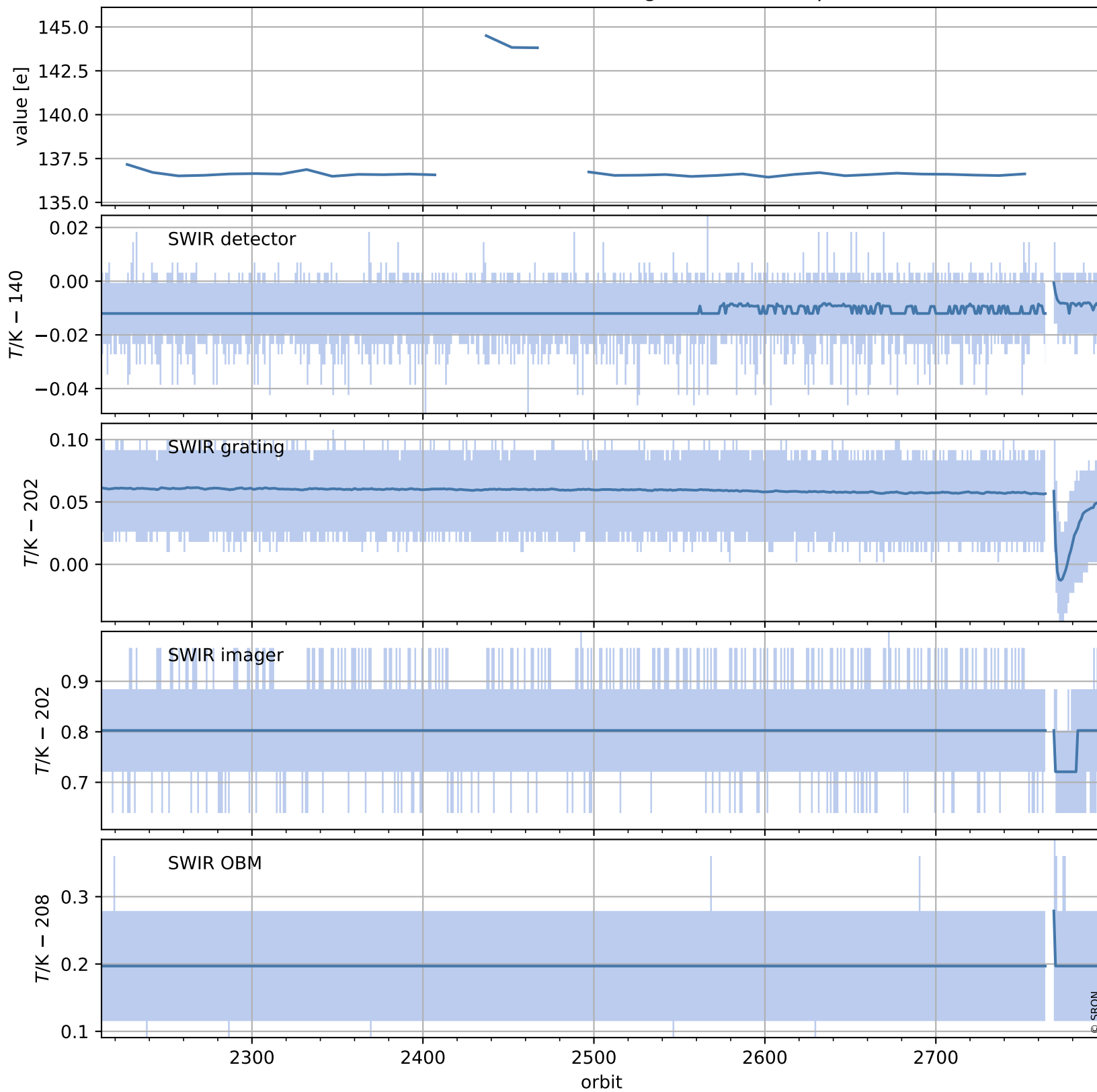




# Tropomi SWIR background noise (swir)

orbits : [2212, 2797]  
coverage : 2018-03-18 / 2018-04-28  
created : 2023-08-21T14:18:55

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2797]  
coverage : 2018-03-18 / 2018-04-28  
created : 2023-08-21T14:18:55

## trend of normalized read-noise & temperatures

