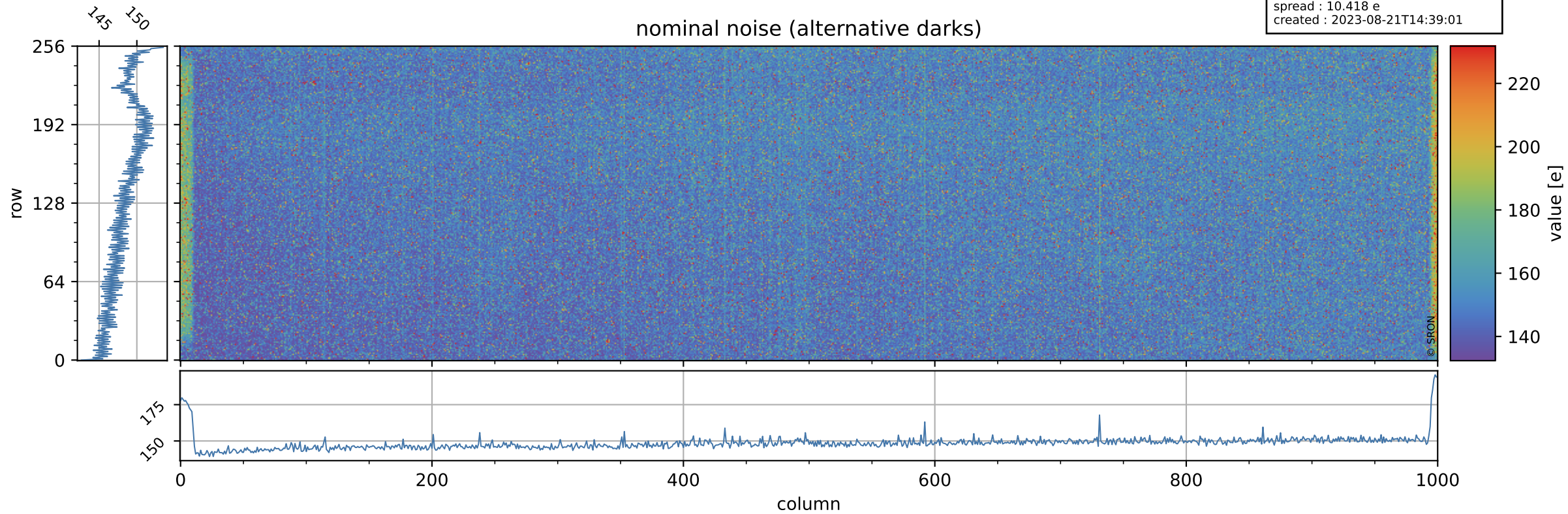


# Tropomi SWIR background noise (swir)

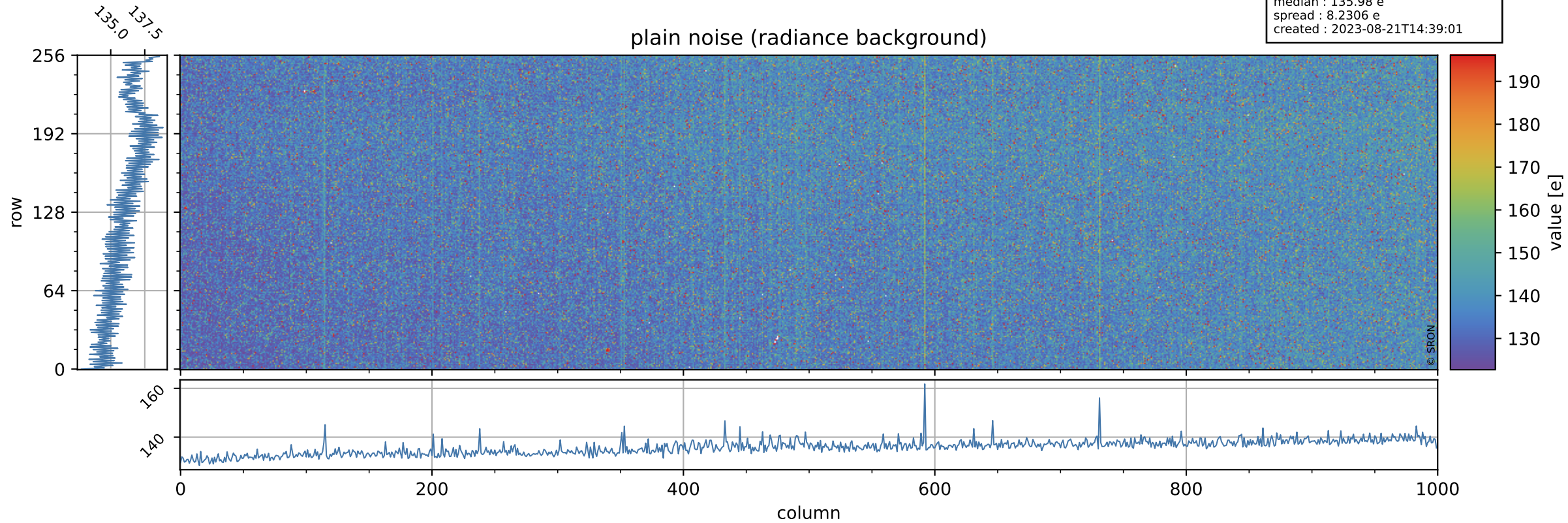
orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
n\_coad, t\_exp : 1, 1.0783  
median : 148.29 e  
spread : 10.418 e  
created : 2023-08-21T14:39:01



# Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
n\_coad, t\_exp : 2, 0.5383  
median : 135.98 e  
spread : 8.2306 e  
created : 2023-08-21T14:39:01

## plain noise (radiance background)

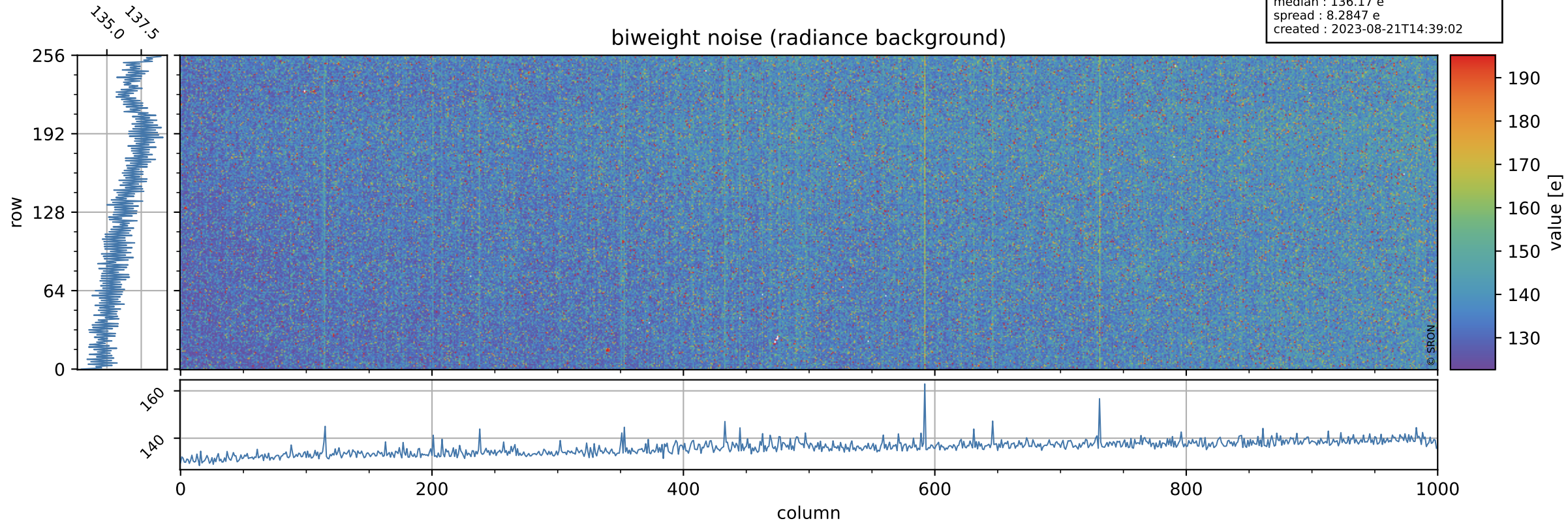




# Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.2847 e  
created : 2023-08-21T14:39:02

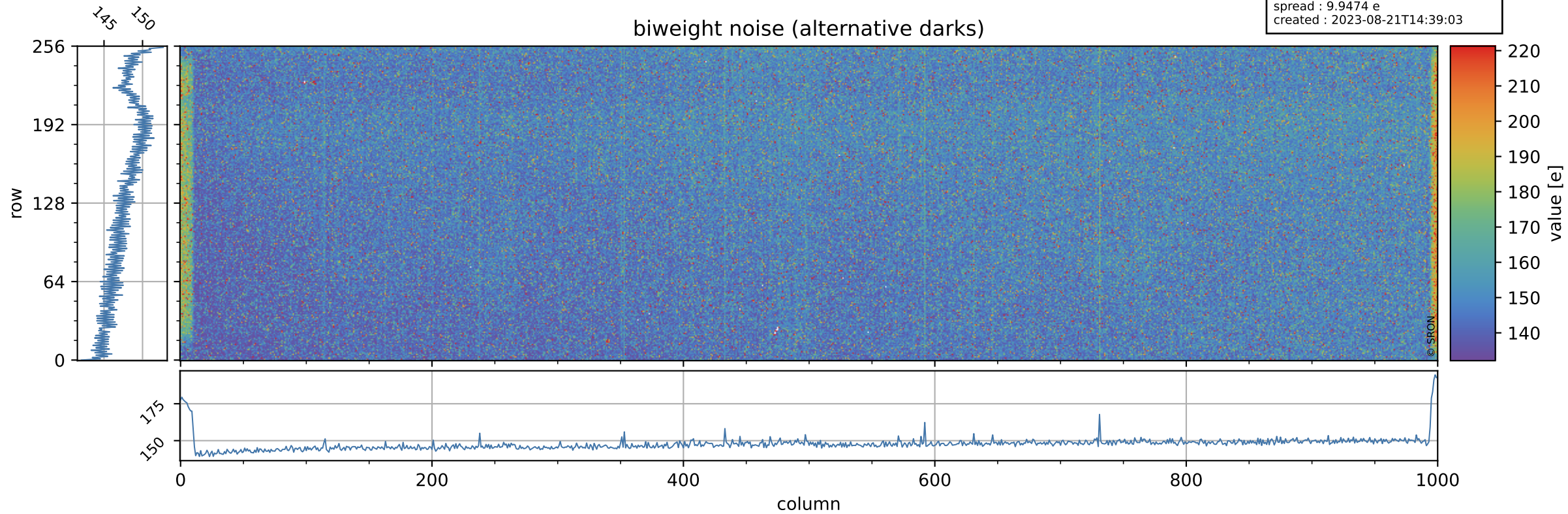
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 9.9474 e  
created : 2023-08-21T14:39:03

## biweight noise (alternative darks)





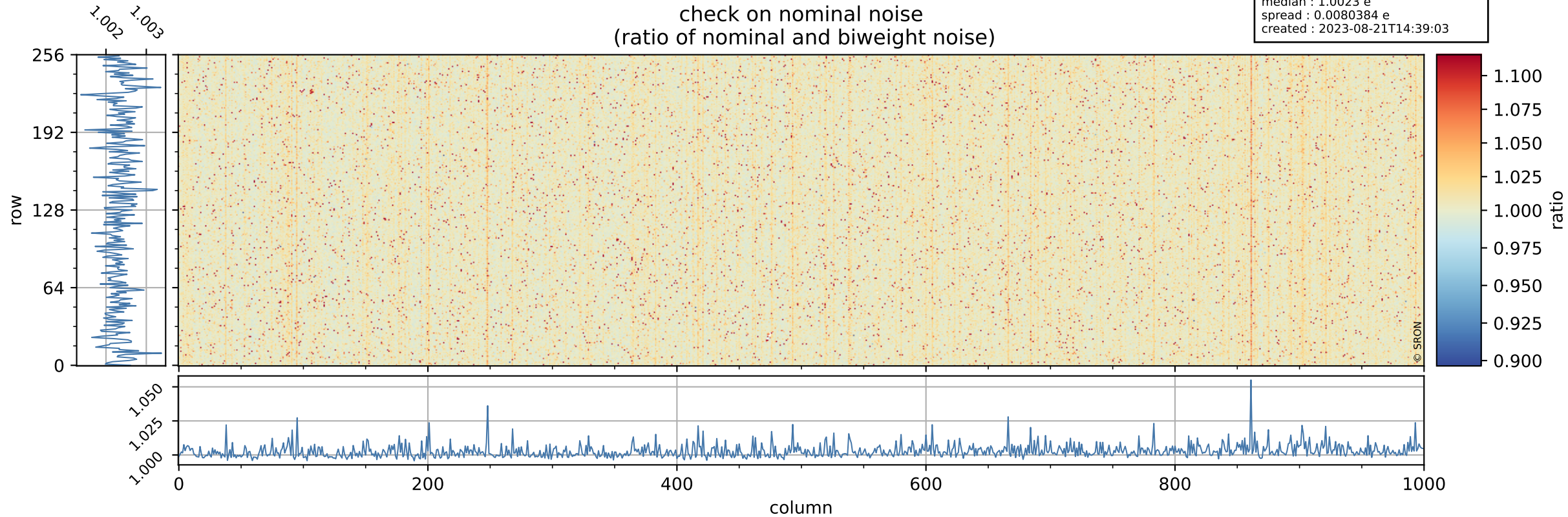




# Tropomi SWIR background noise (swir)

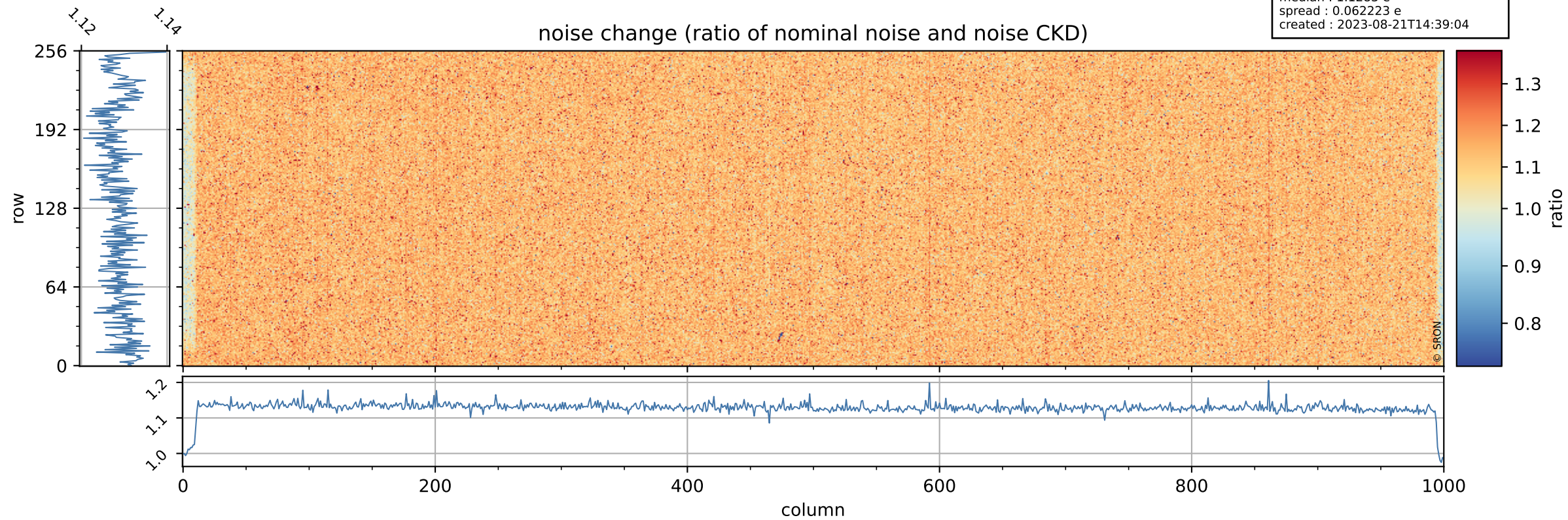
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
median : 1.0023 e  
spread : 0.0080384 e  
created : 2023-08-21T14:39:03



# Tropomi SWIR background noise (swir)

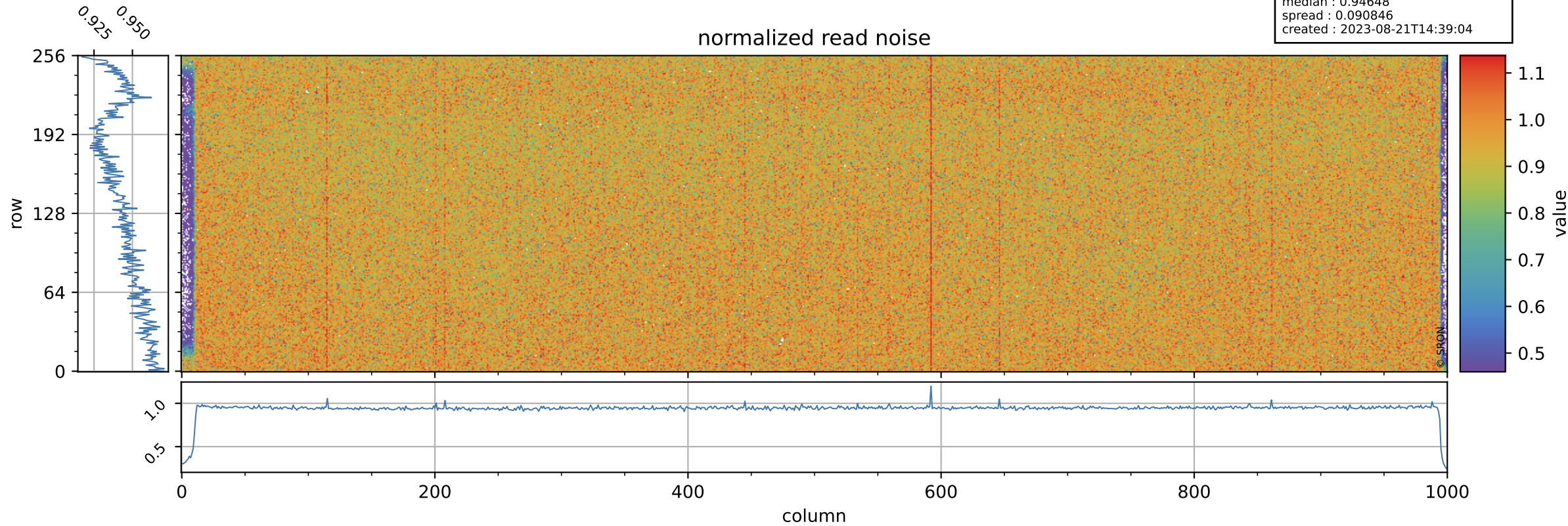
orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
median : 1.1283 e  
spread : 0.062223 e  
created : 2023-08-21T14:39:04





# Tropomi SWIR background noise (swir)

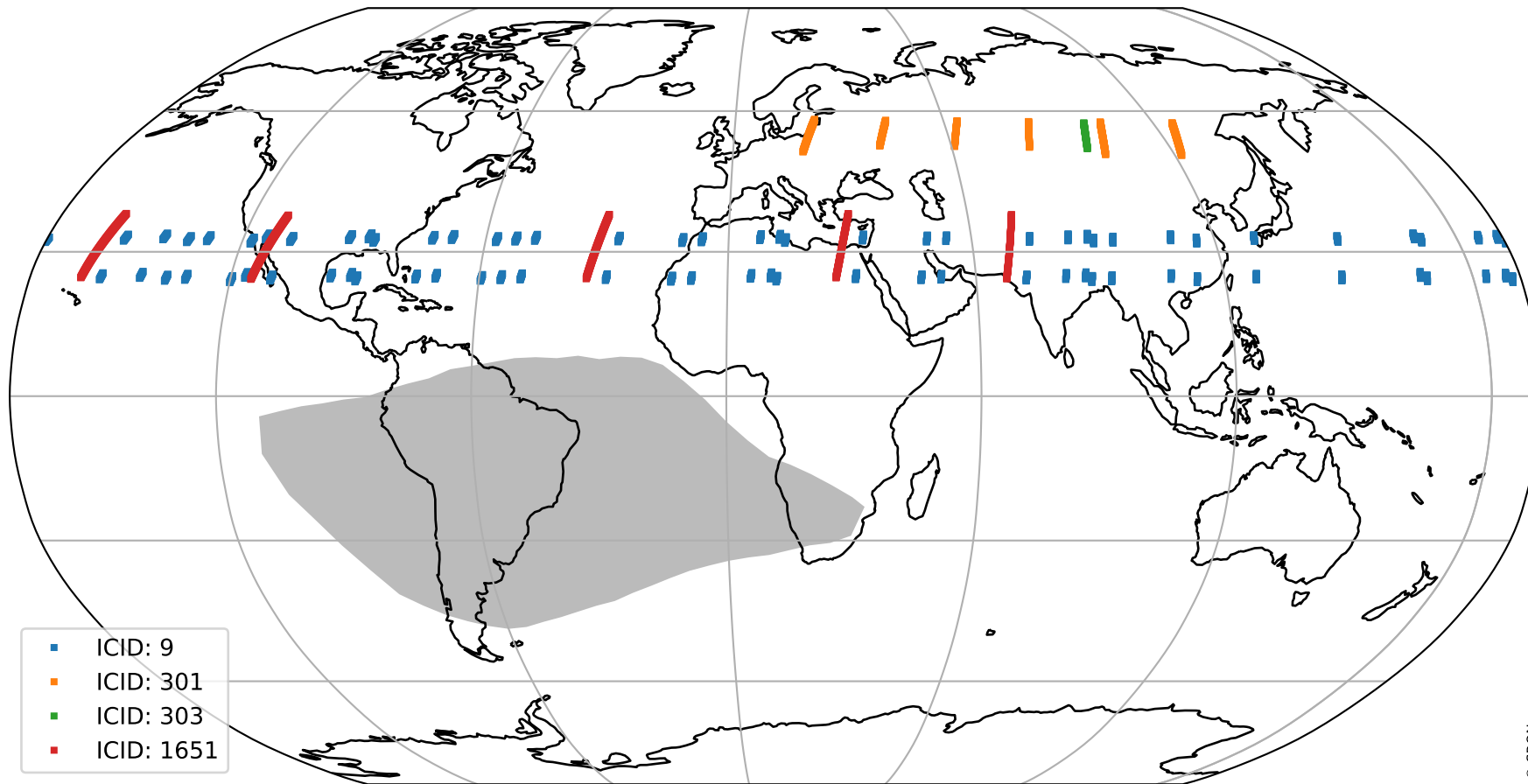
orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
median : 0.94648  
spread : 0.090846  
created : 2023-08-21T14:39:04





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

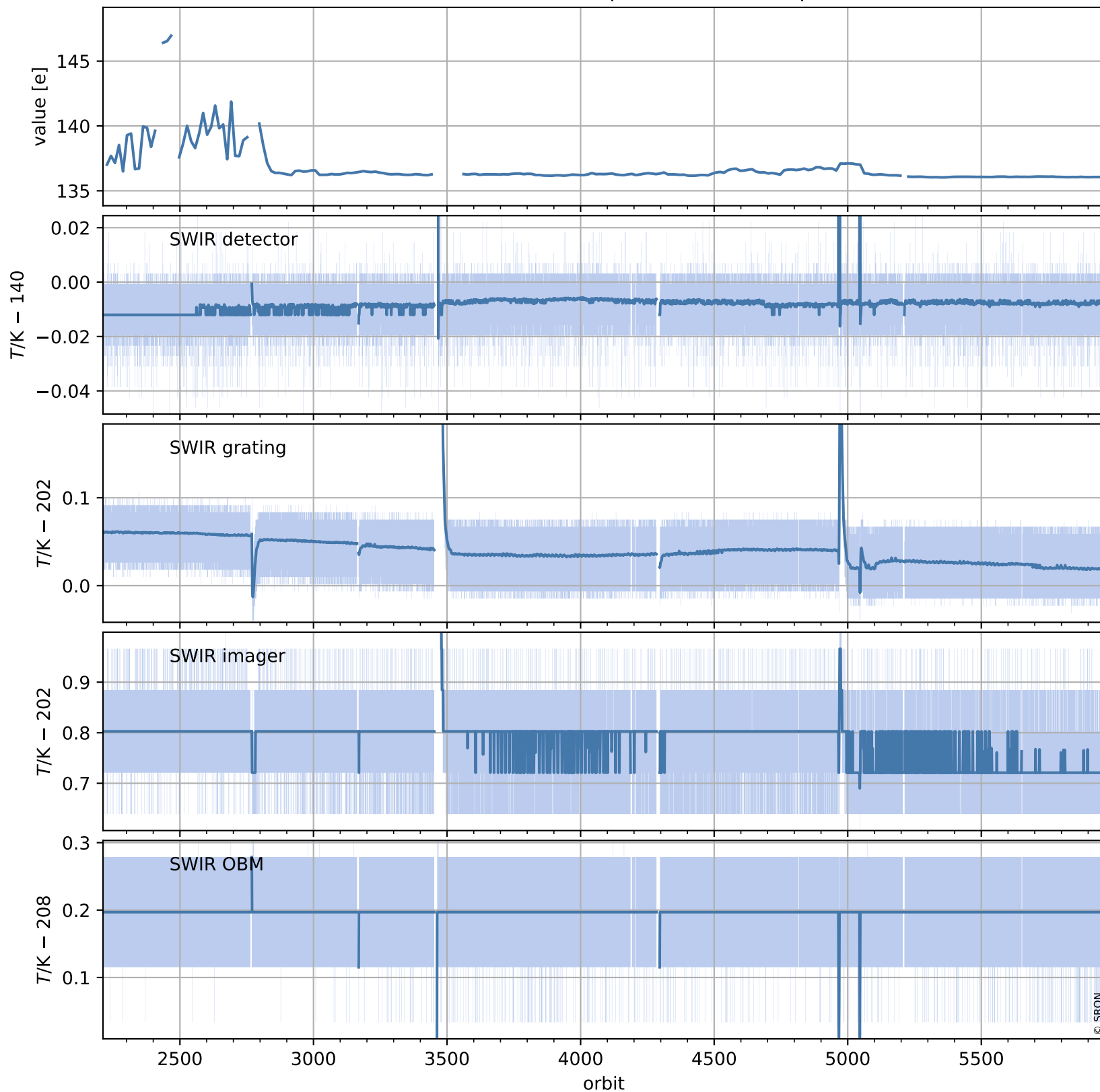
orbits : 12 in [5887, 5962]  
coverage : 2018-12-01 / 2018-12-07  
created : 2023-08-21T14:39:04



# Tropomi SWIR background noise (swir)

orbits : [2212, 5962]  
coverage : 2018-03-18 / 2018-12-07  
created : 2023-08-21T14:39:05

## trend of detector median of plain noise & temperatures

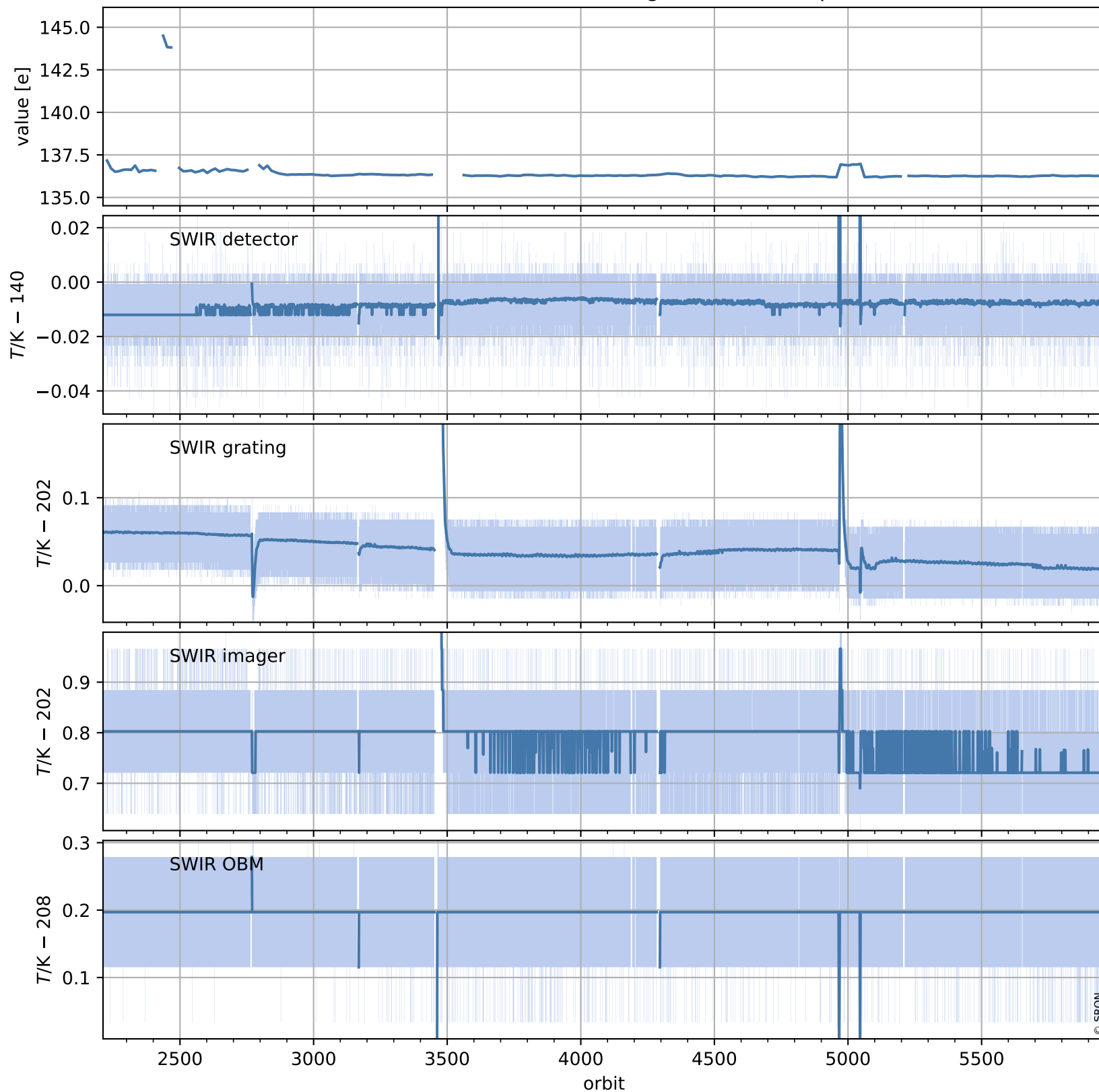




# Tropomi SWIR background noise (swir)

orbits : [2212, 5962]  
coverage : 2018-03-18 / 2018-12-07  
created : 2023-08-21T14:39:06

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5962]  
coverage : 2018-03-18 / 2018-12-07  
created : 2023-08-21T14:39:06

## trend of normalized read-noise & temperatures

