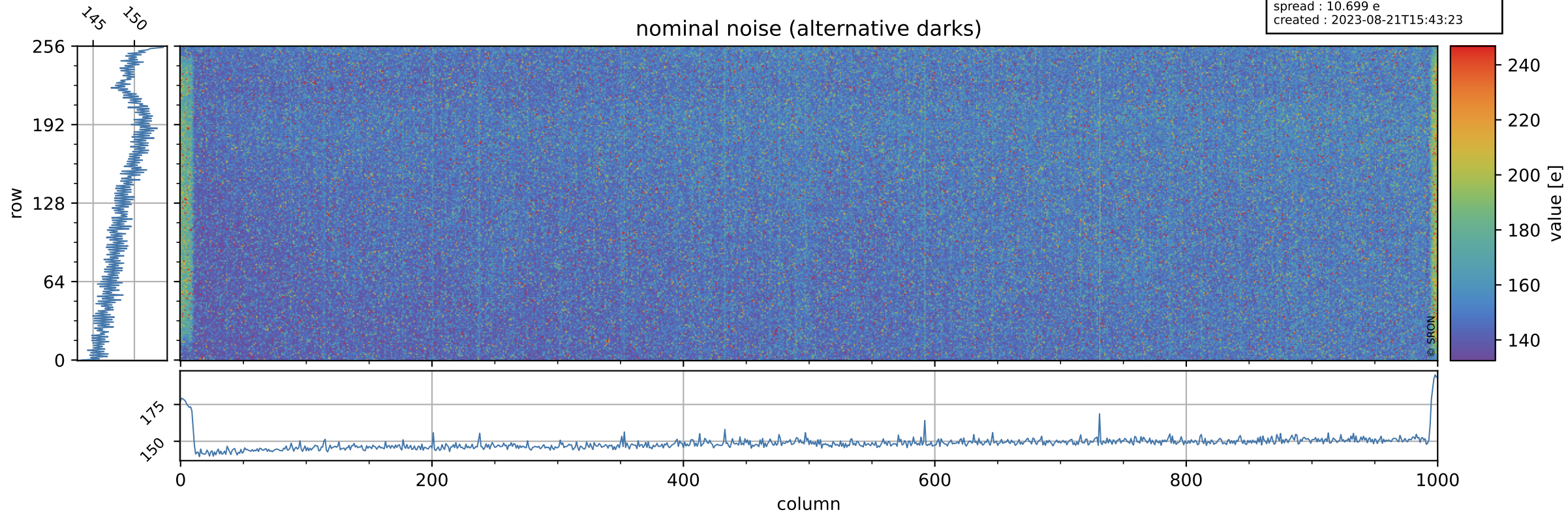


# Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.54 e  
spread : 10.699 e  
created : 2023-08-21T15:43:23

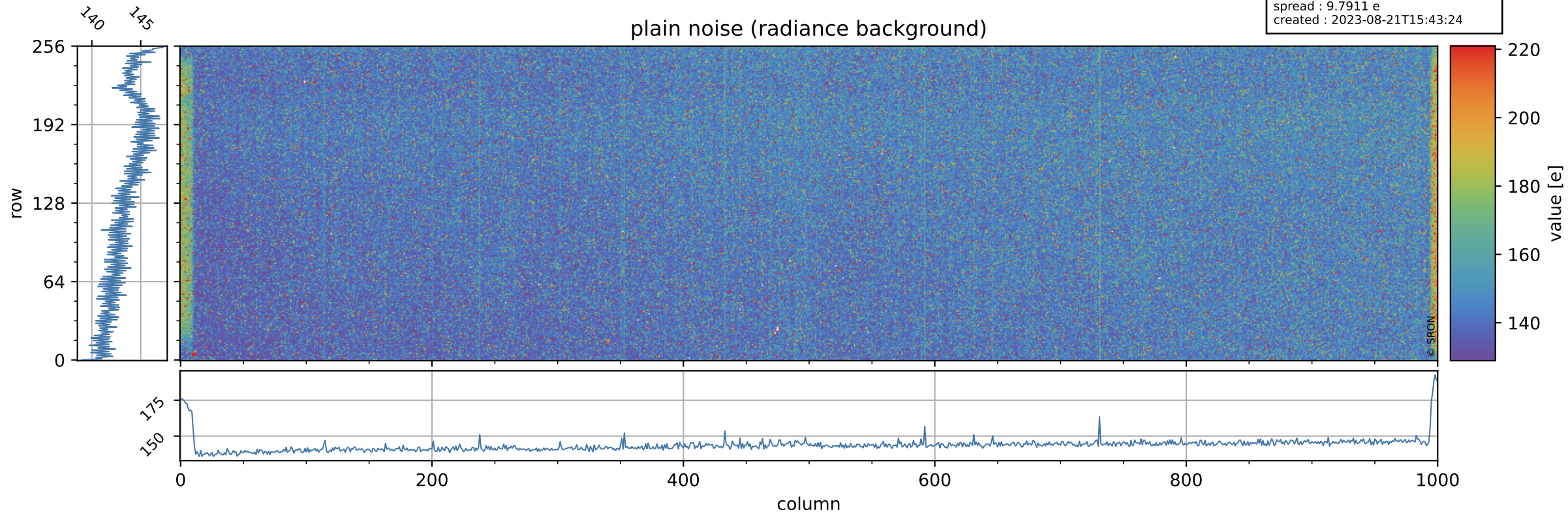
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.41 e  
spread : 9.7911 e  
created : 2023-08-21T15:43:24

## plain noise (radiance background)

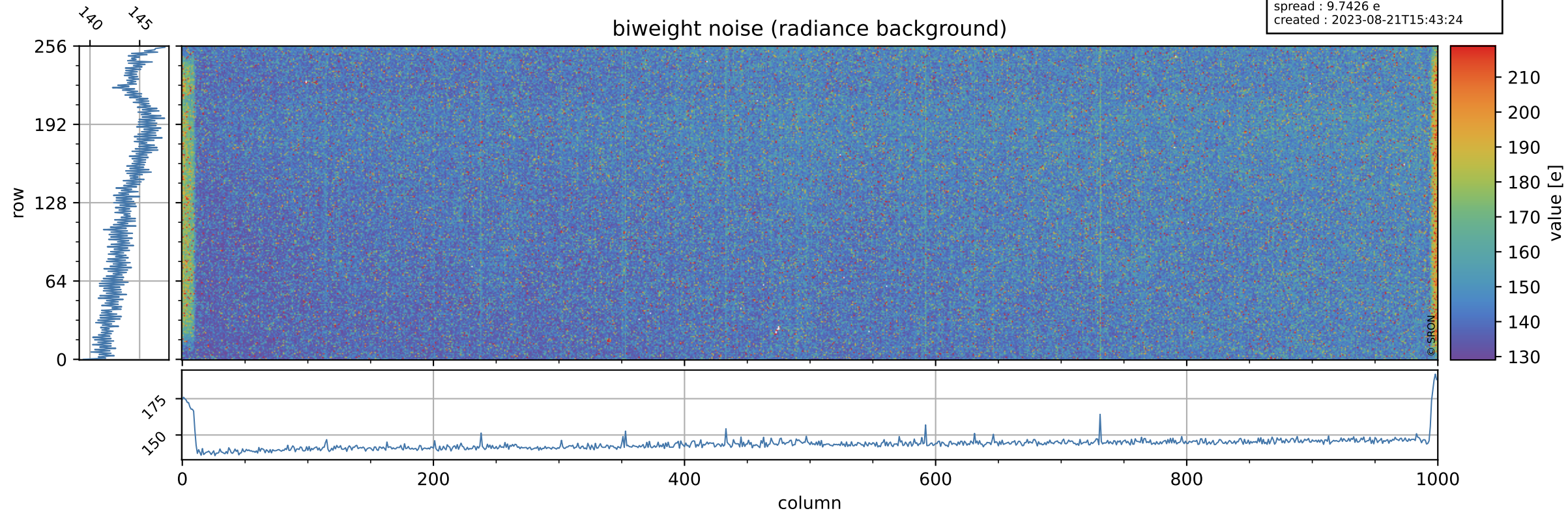




# Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.72 e  
spread : 9.7426 e  
created : 2023-08-21T15:43:24

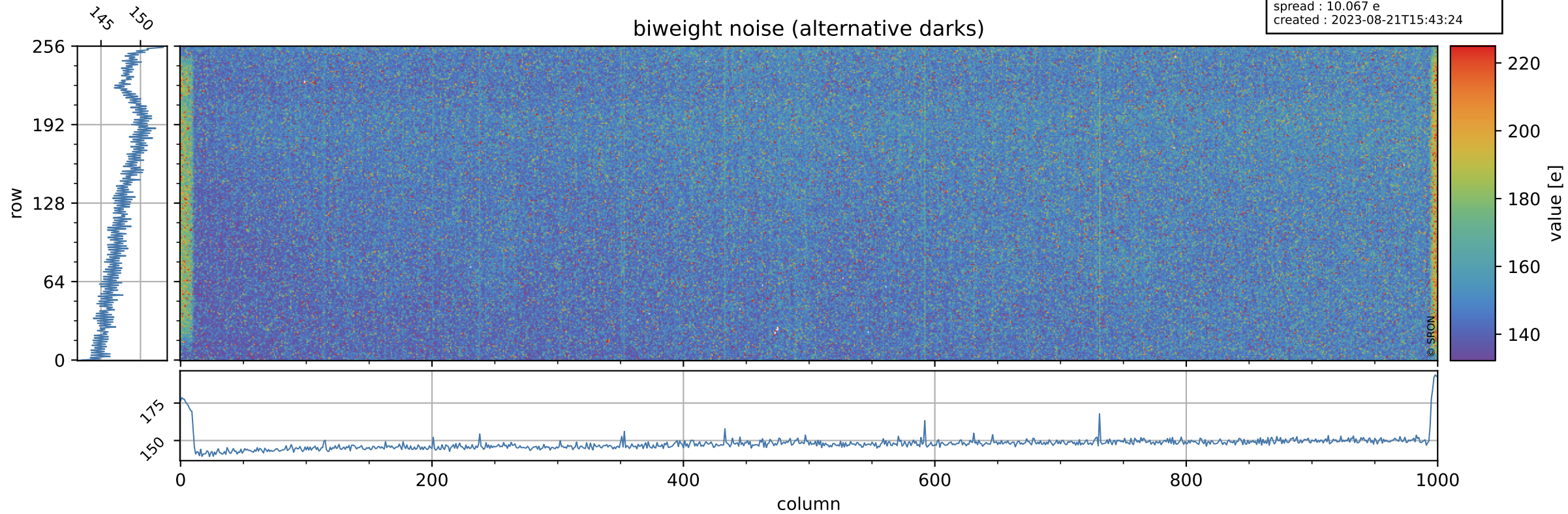
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.067 e  
created : 2023-08-21T15:43:24

## biweight noise (alternative darks)



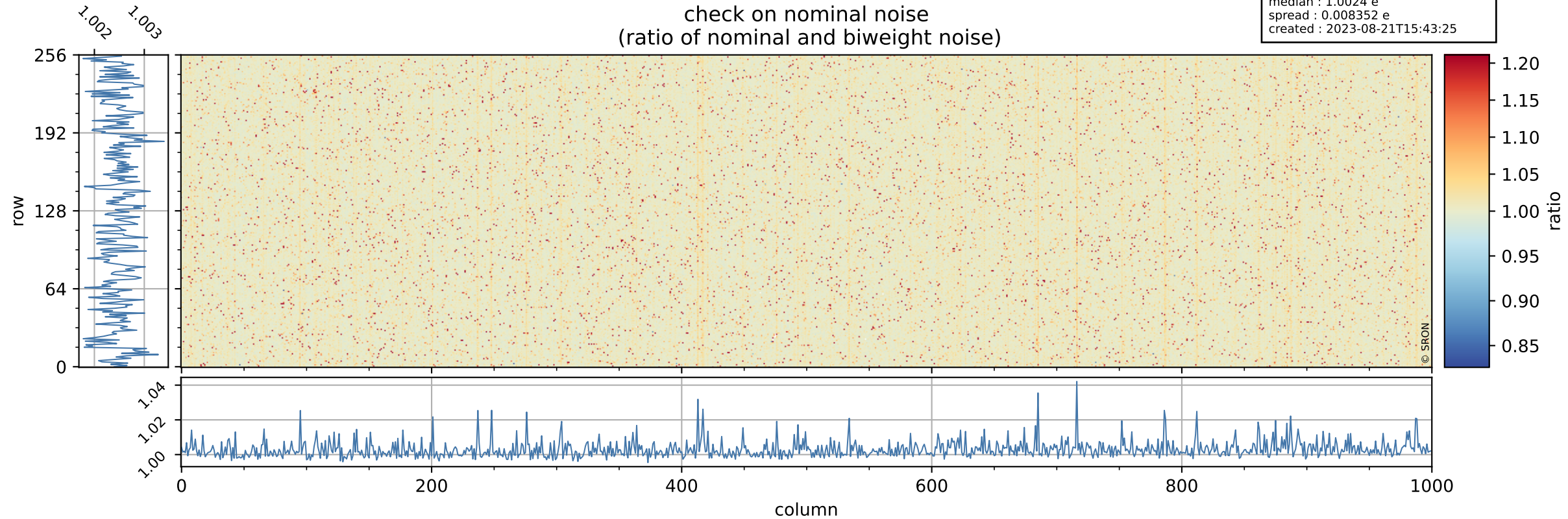




# Tropomi SWIR background noise (swir)

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

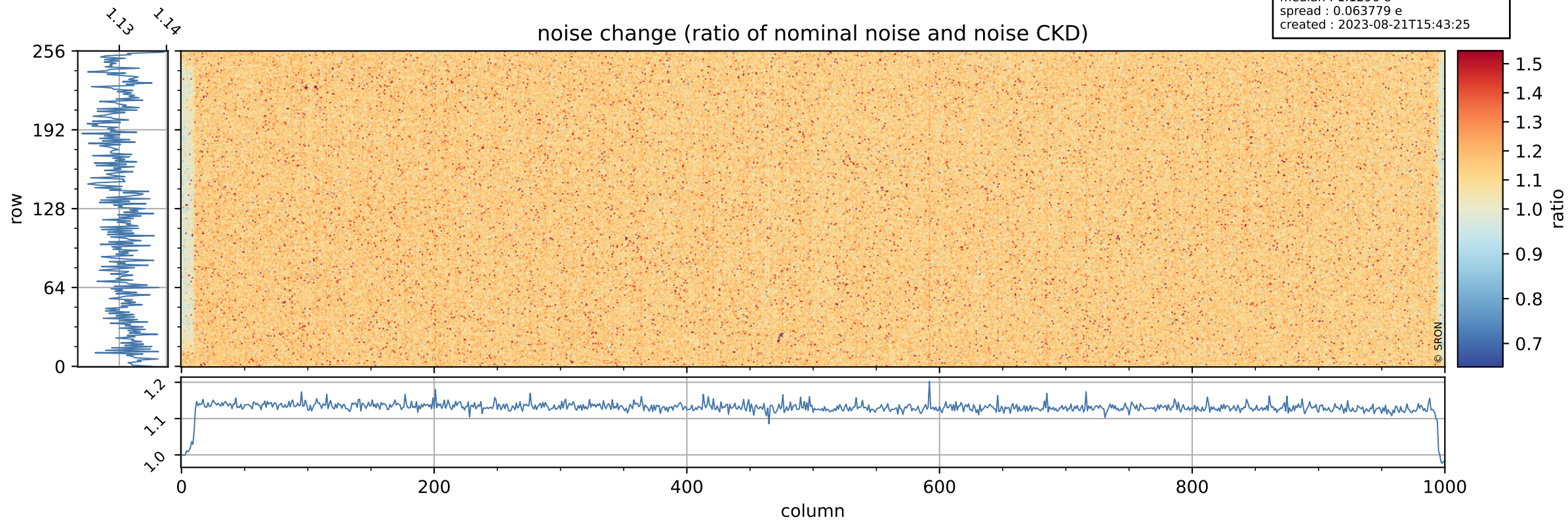
orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
median : 1.0024 e  
spread : 0.008352 e  
created : 2023-08-21T15:43:25





# Tropomi SWIR background noise (swir)

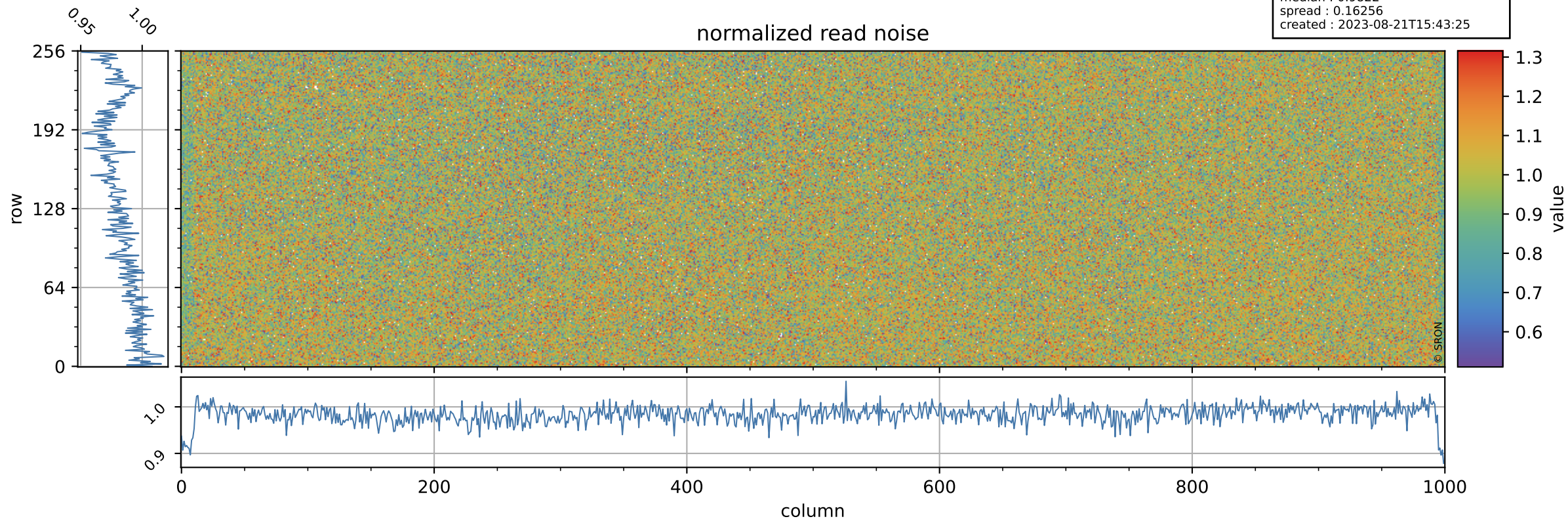
orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
median : 1.1296 e  
spread : 0.063779 e  
created : 2023-08-21T15:43:25





# Tropomi SWIR background noise (swir)

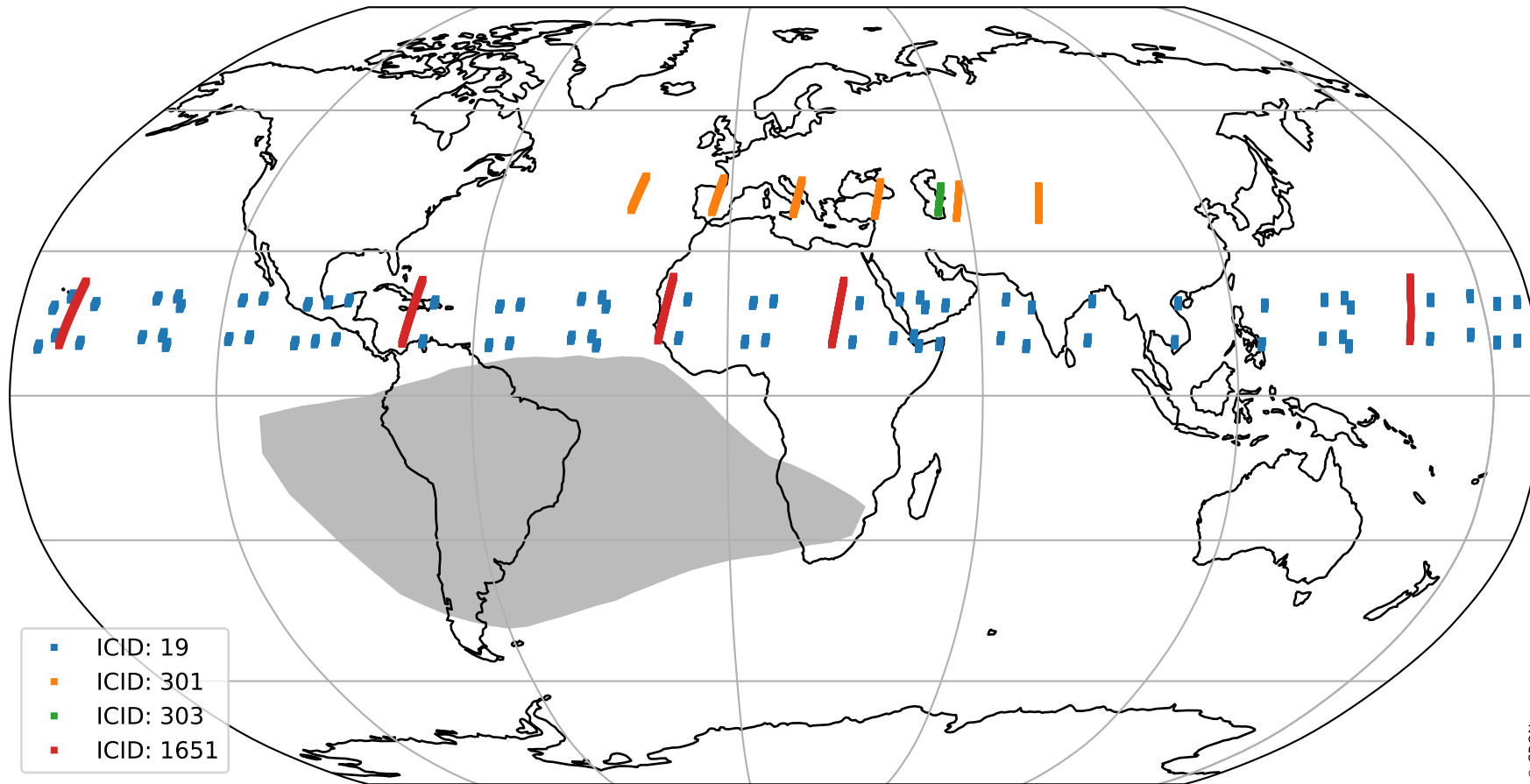
orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
median : 0.9822  
spread : 0.16256  
created : 2023-08-21T15:43:25





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

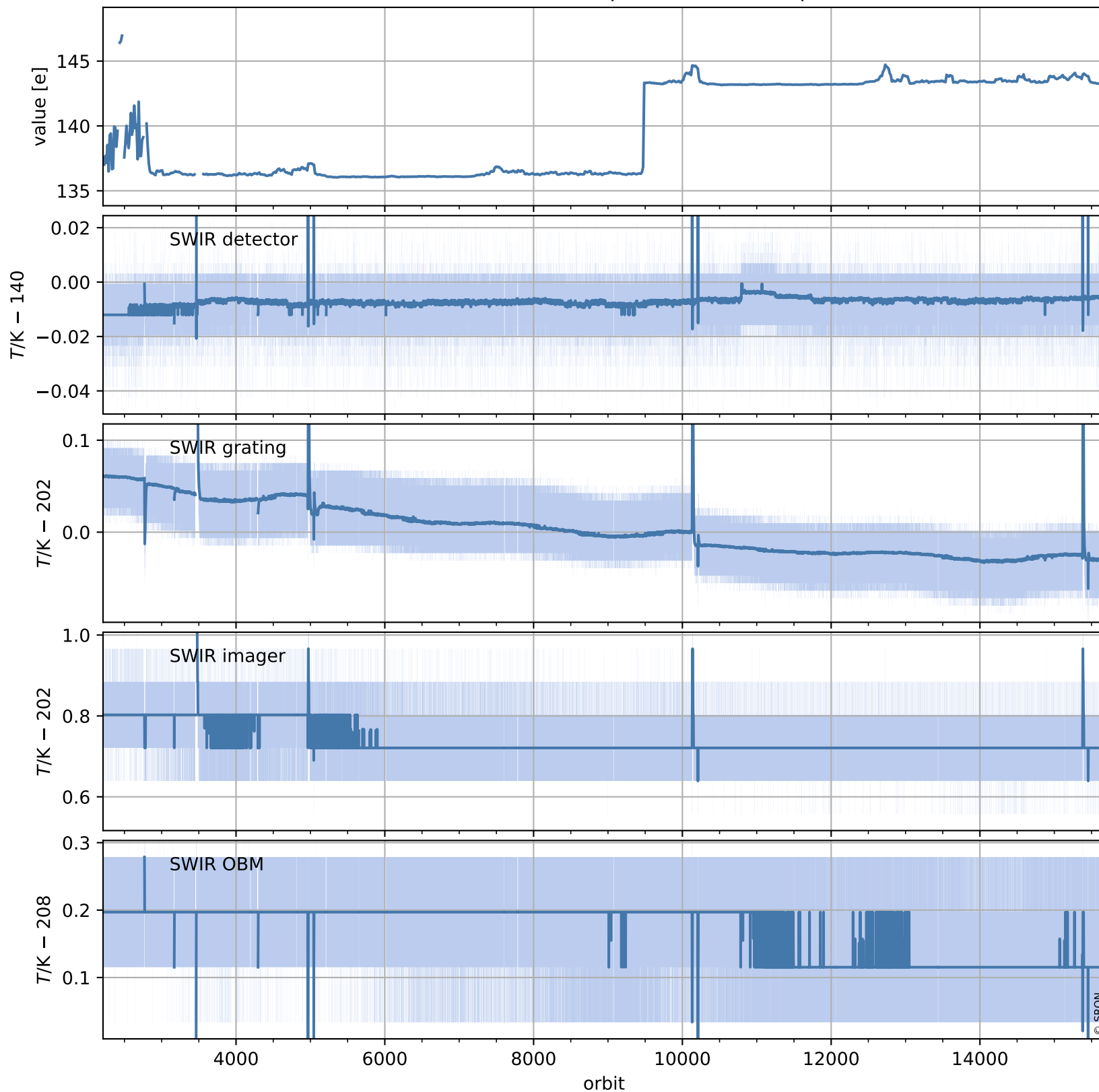
orbits : 12 in [15607, 15682]  
coverage : 2020-10-16 / 2020-10-22  
created : 2023-08-21T15:43:26



# Tropomi SWIR background noise (swir)

orbits : [2212, 15682]  
coverage : 2018-03-18 / 2020-10-22  
created : 2023-08-21T15:43:26

## trend of detector median of plain noise & temperatures

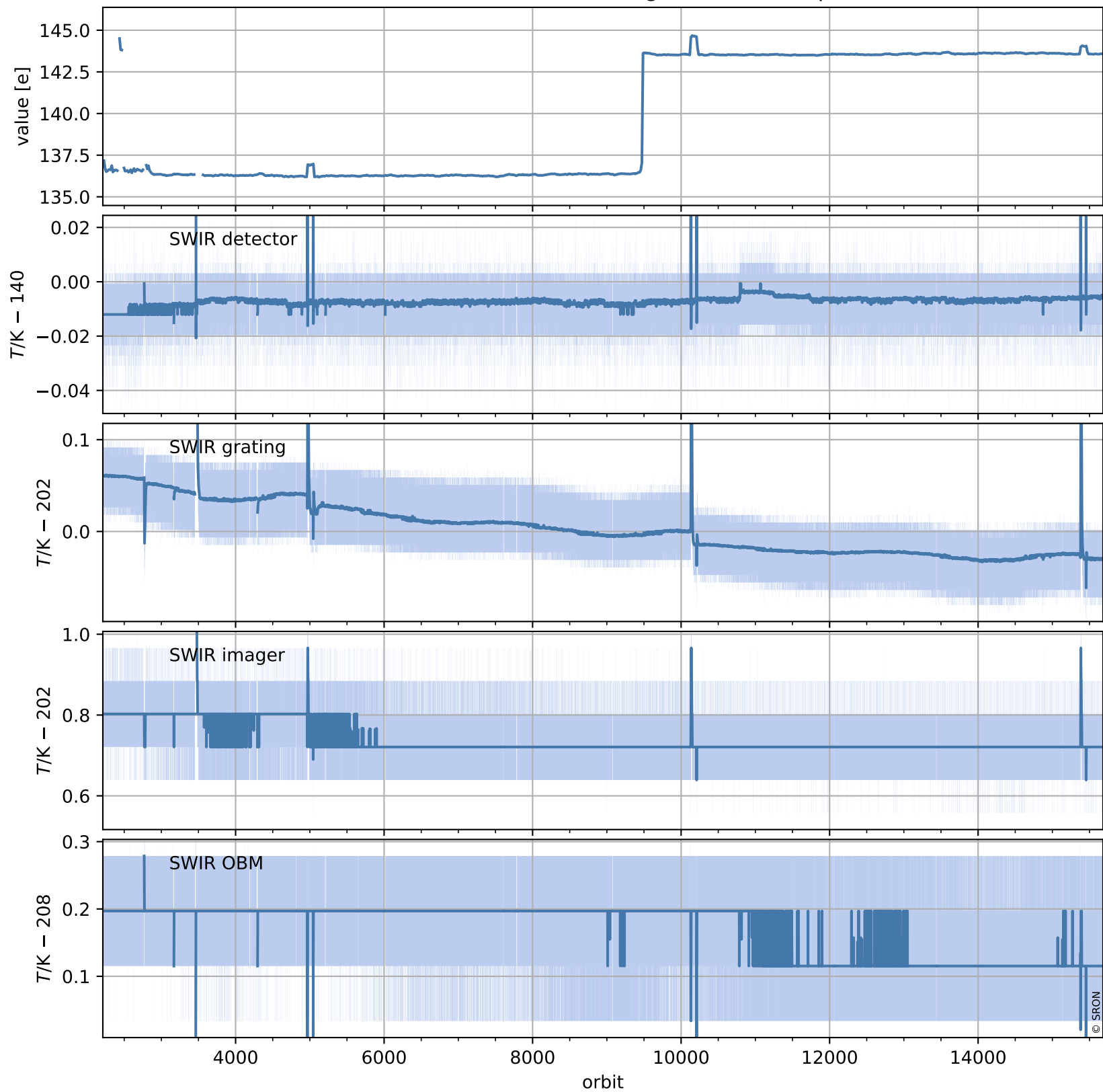




# Tropomi SWIR background noise (swir)

orbits : [2212, 15682]  
coverage : 2018-03-18 / 2020-10-22  
created : 2023-08-21T15:43:27

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15682]  
coverage : 2018-03-18 / 2020-10-22  
created : 2023-08-21T15:43:27

## trend of normalized read-noise & temperatures

