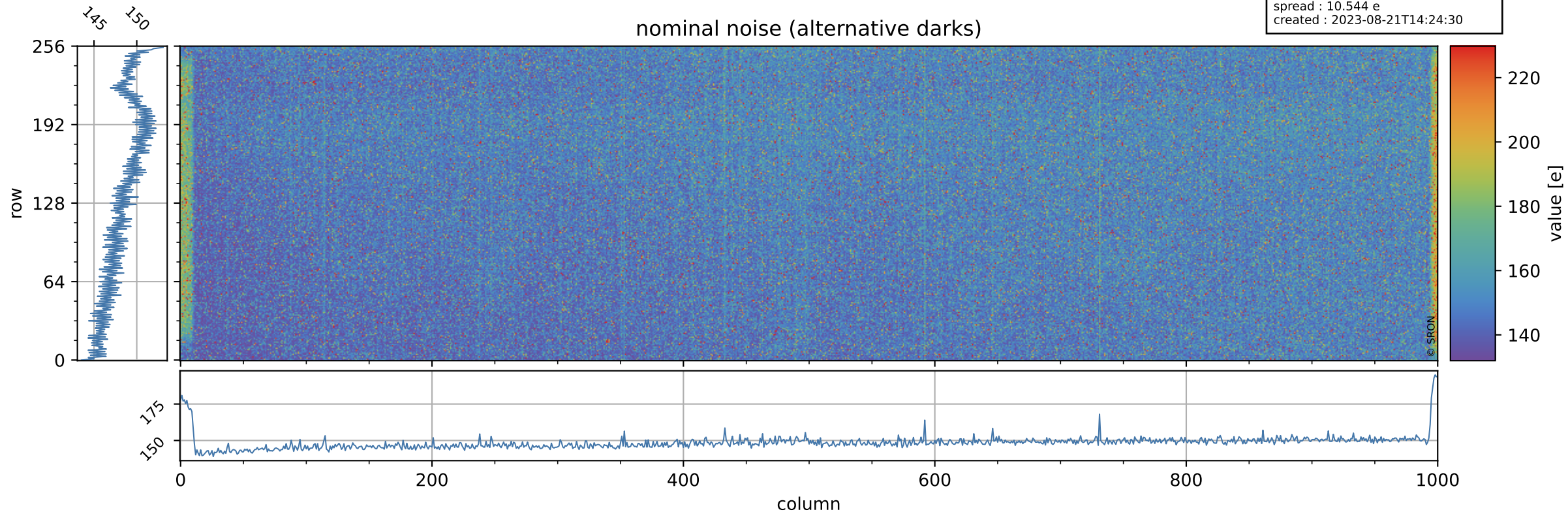


# Tropomi SWIR background noise (swir)

orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
n\_coad, t\_exp : 1, 1.0783  
median : 148.29 e  
spread : 10.544 e  
created : 2023-08-21T14:24:30

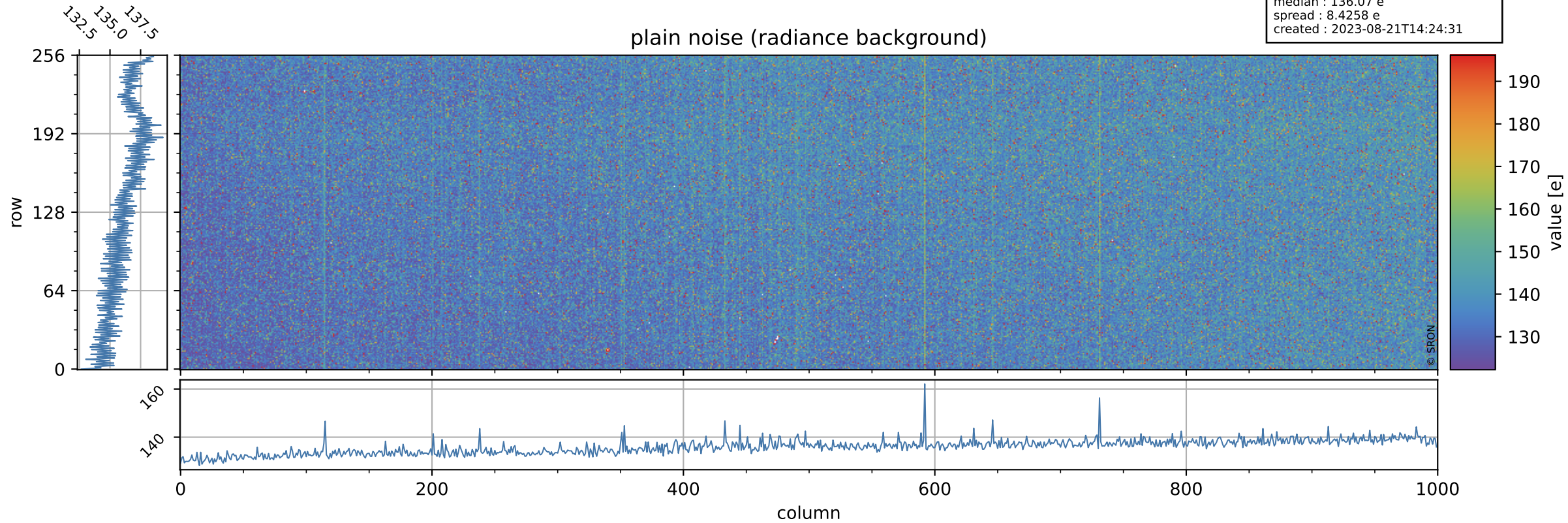
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
n\_coad, t\_exp : 2, 0.5383  
median : 136.07 e  
spread : 8.4258 e  
created : 2023-08-21T14:24:31

## plain noise (radiance background)

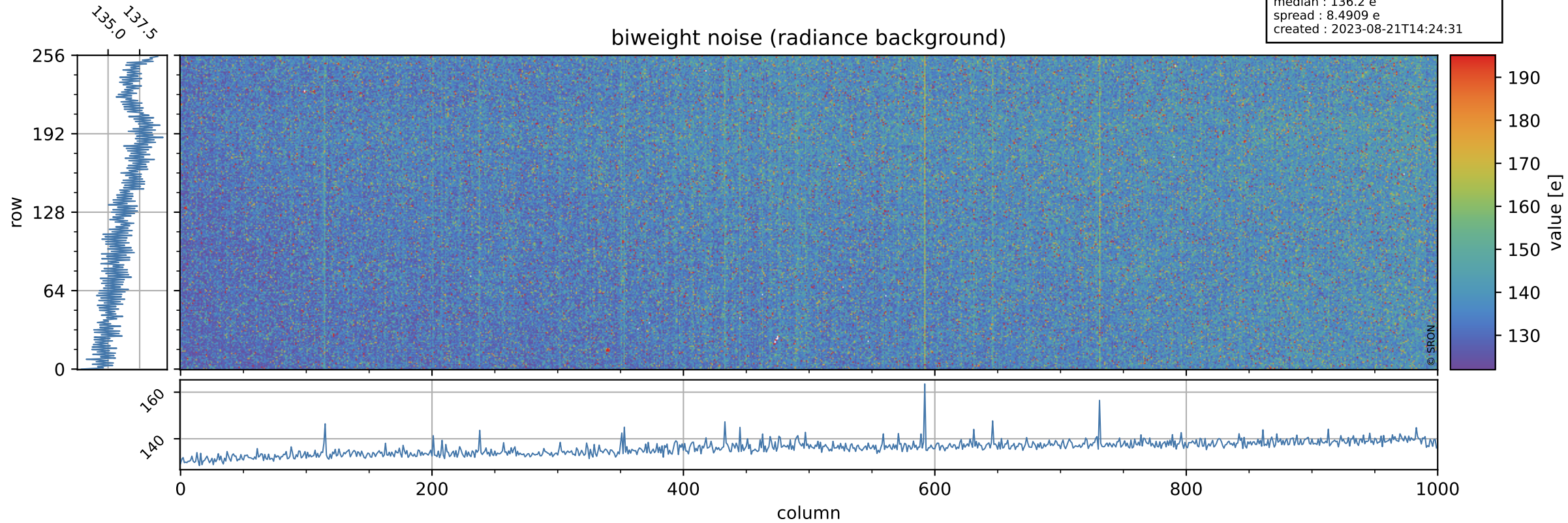




# Tropomi SWIR background noise (swir)

orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
n\_coad, t\_exp : 2, 0.5383  
median : 136.2 e  
spread : 8.4909 e  
created : 2023-08-21T14:24:31

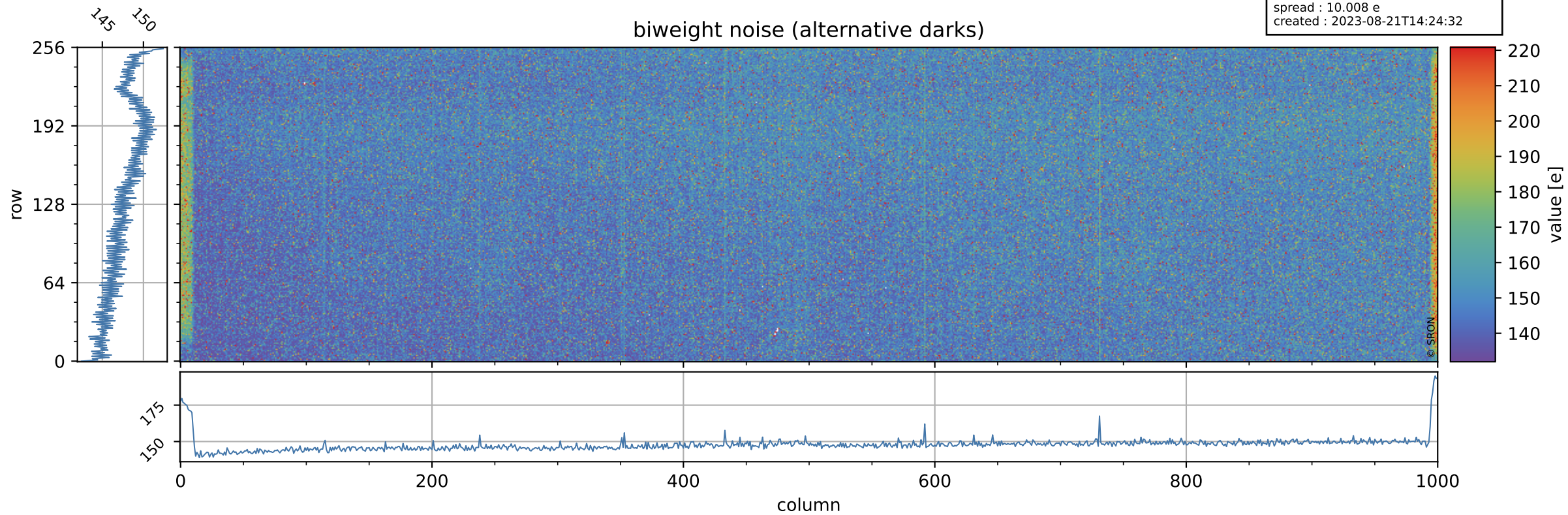
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
n\_coad, t\_exp : 1, 1.0783  
median : 147.56 e  
spread : 10.008 e  
created : 2023-08-21T14:24:32

## biweight noise (alternative darks)

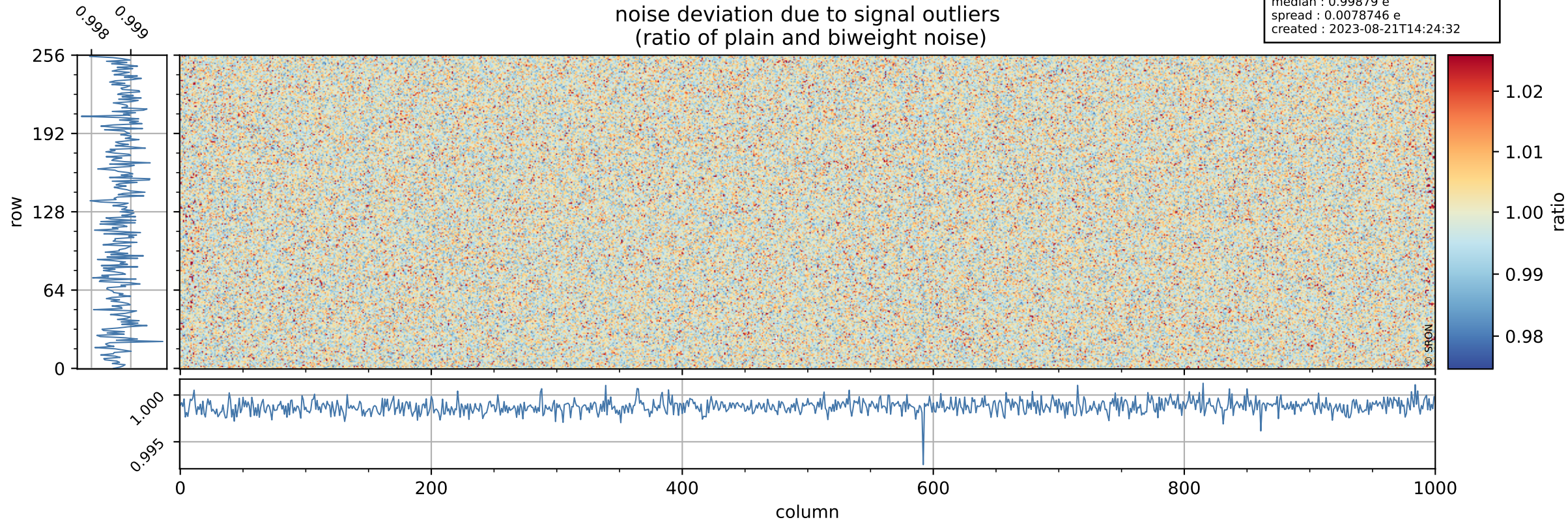




# Tropomi SWIR background noise (swir)

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

orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
median : 0.99879 e  
spread : 0.0078746 e  
created : 2023-08-21T14:24:32

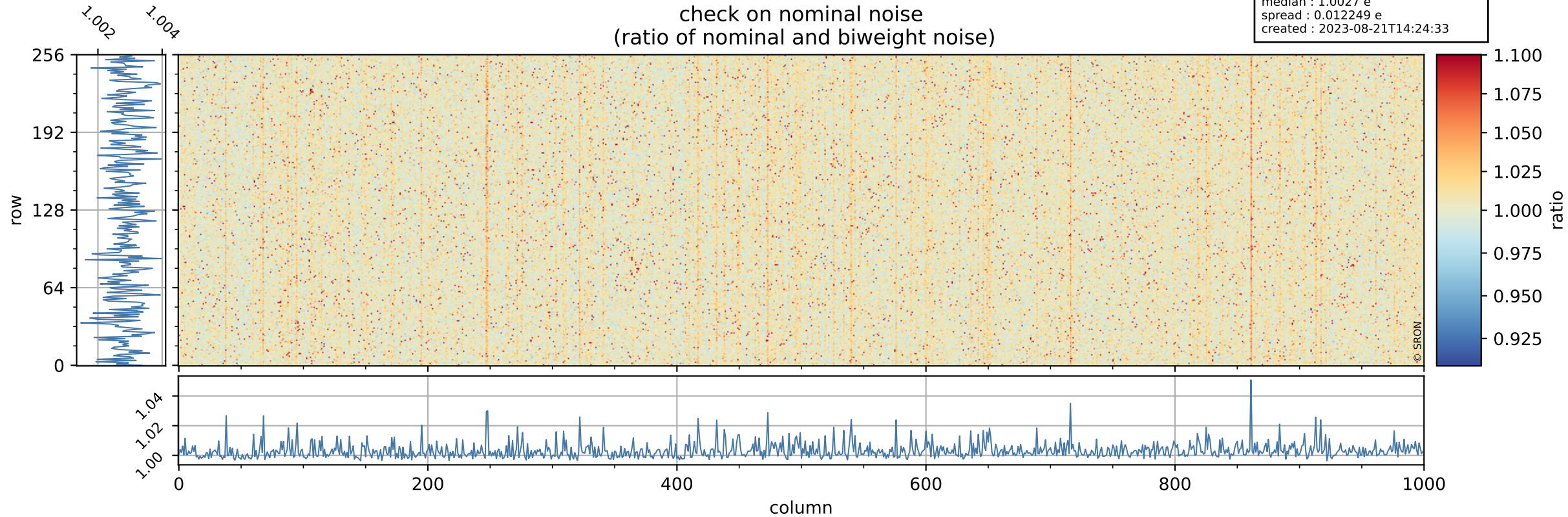




# Tropomi SWIR background noise (swir)

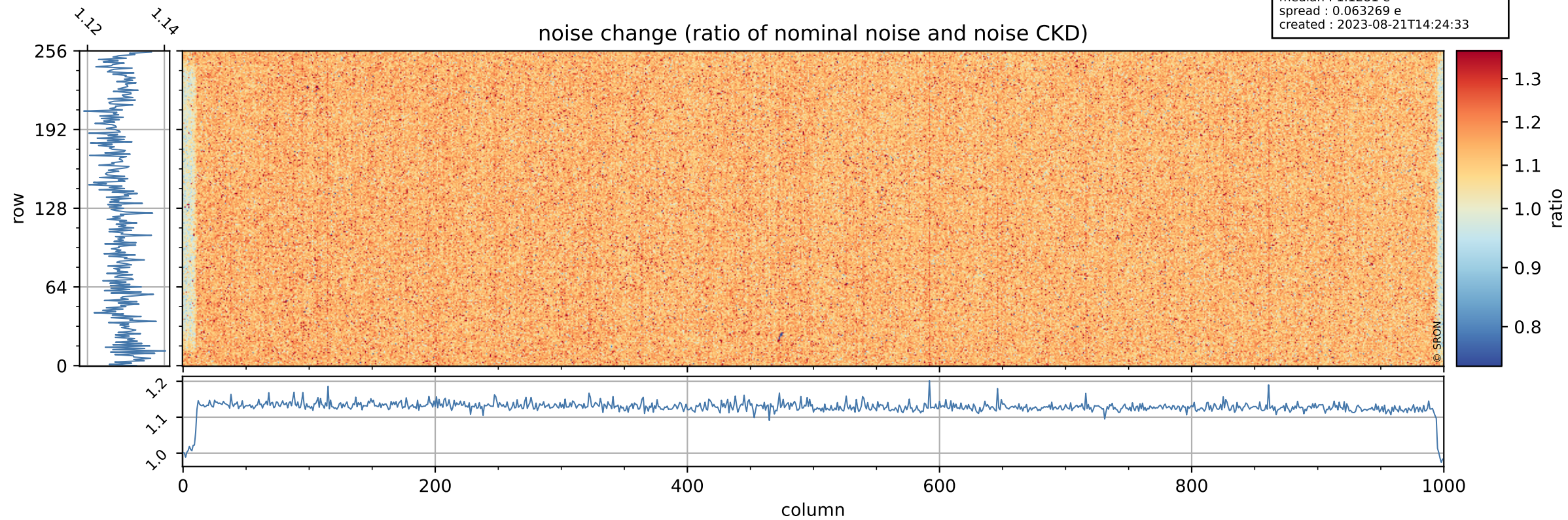
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
median : 1.0027 e  
spread : 0.012249 e  
created : 2023-08-21T14:24:33



# Tropomi SWIR background noise (swir)

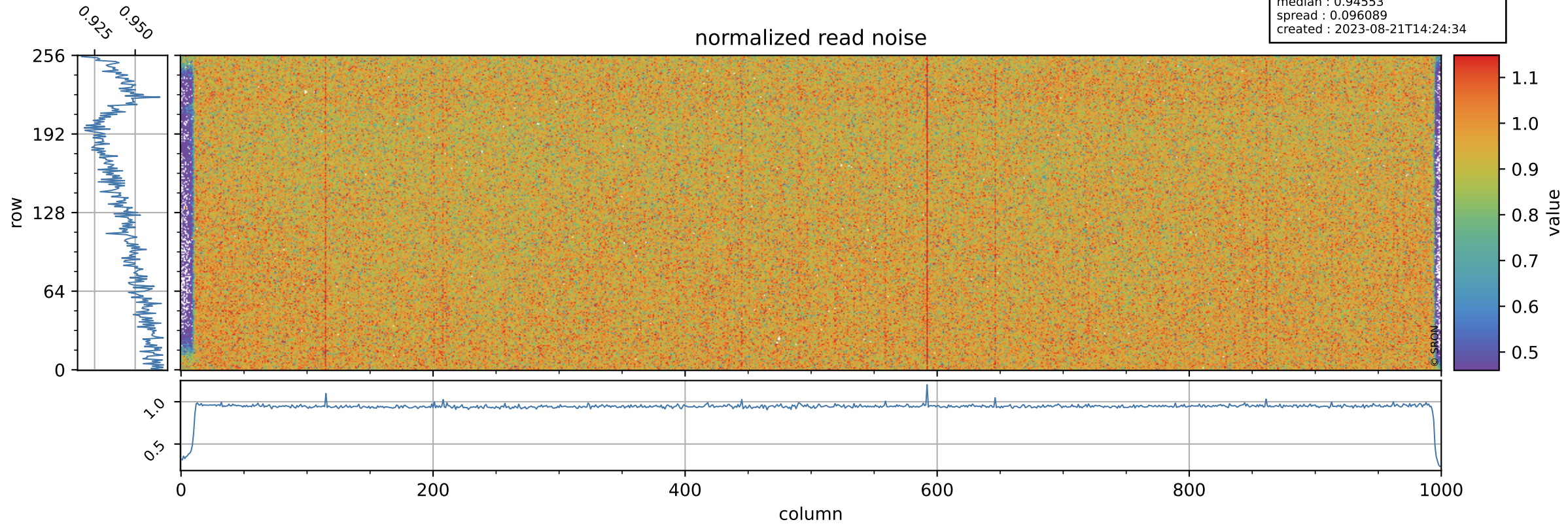
orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
median : 1.1281 e  
spread : 0.063269 e  
created : 2023-08-21T14:24:33





# Tropomi SWIR background noise (swir)

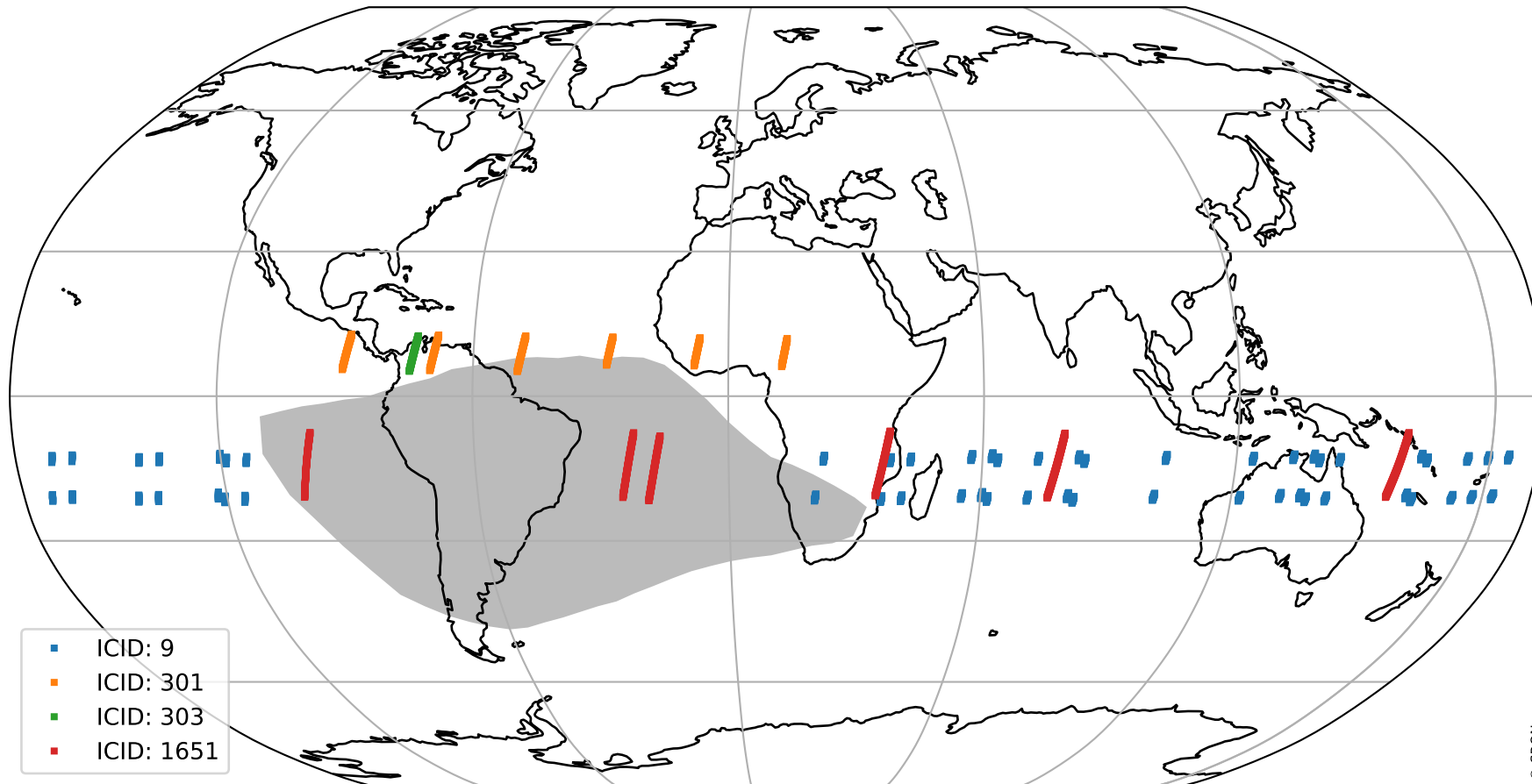
orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
median : 0.94553  
spread : 0.096089  
created : 2023-08-21T14:24:34





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

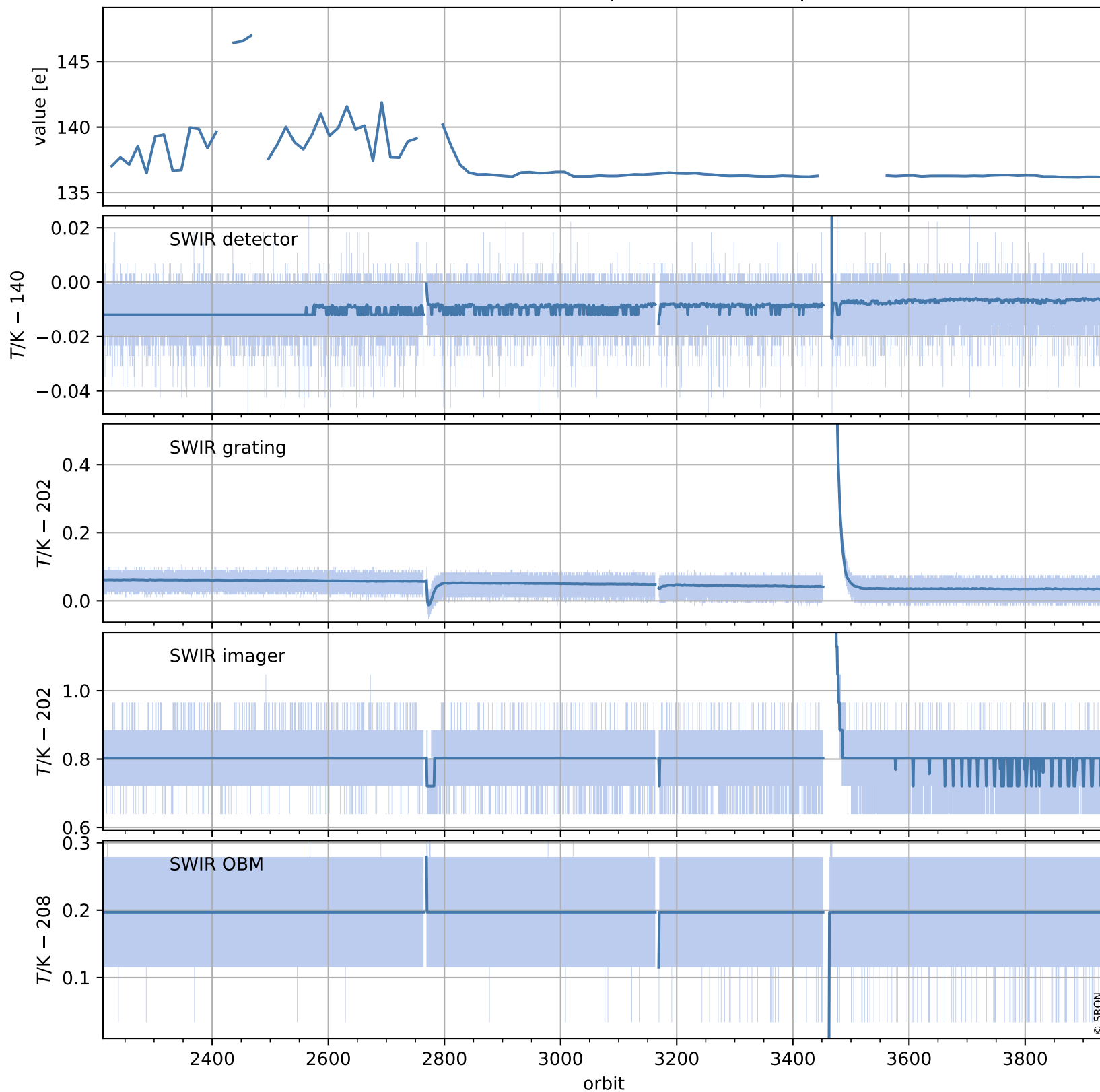
orbits : 13 in [3847, 3937]  
coverage : 2018-07-11 / 2018-07-17  
created : 2023-08-21T14:24:34



# Tropomi SWIR background noise (swir)

orbits : [2212, 3937]  
coverage : 2018-03-18 / 2018-07-17  
created : 2023-08-21T14:24:34

## trend of detector median of plain noise & temperatures

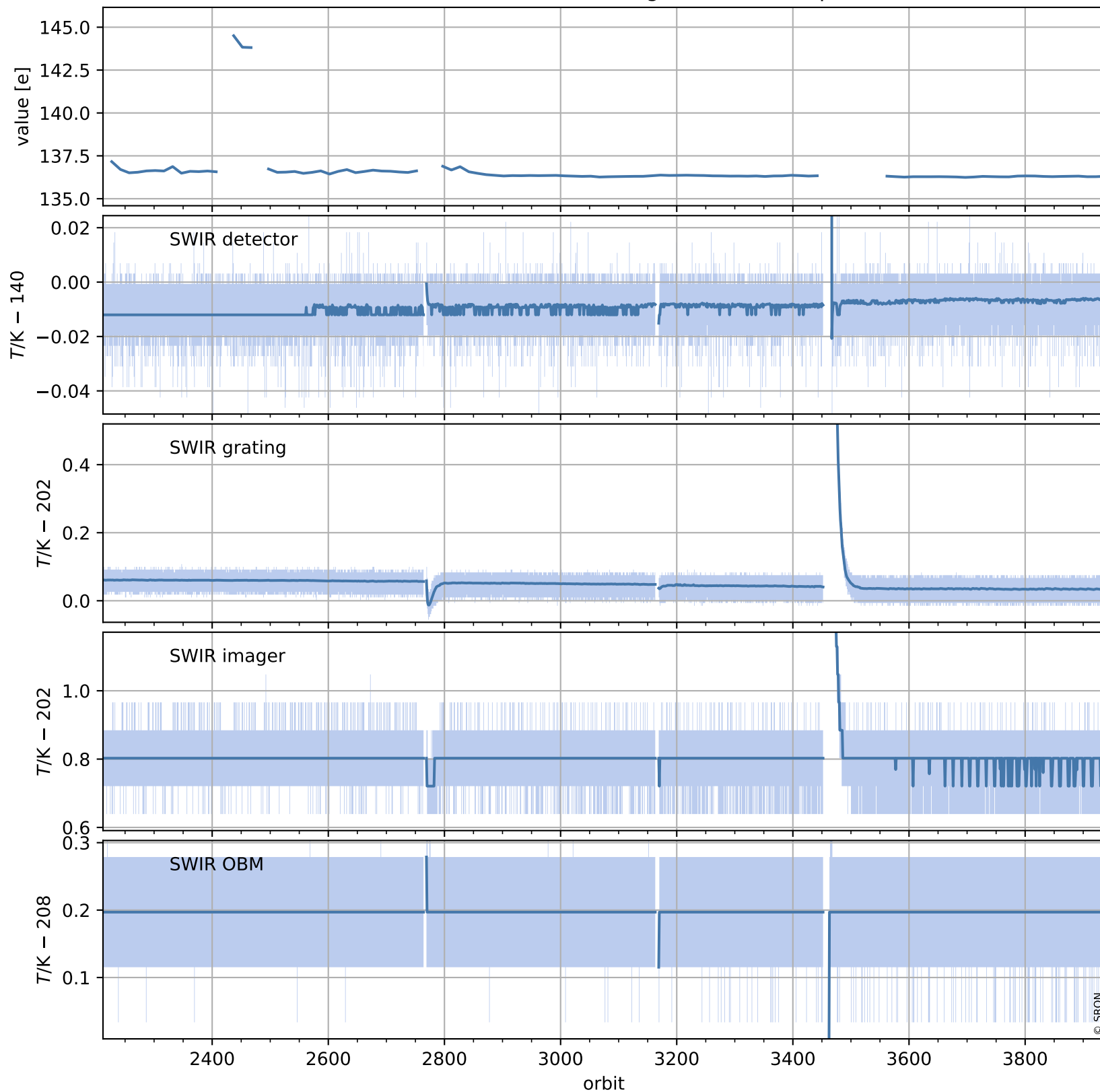




# Tropomi SWIR background noise (swir)

orbits : [2212, 3937]  
coverage : 2018-03-18 / 2018-07-17  
created : 2023-08-21T14:24:35

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3937]  
coverage : 2018-03-18 / 2018-07-17  
created : 2023-08-21T14:24:36

## trend of normalized read-noise & temperatures

