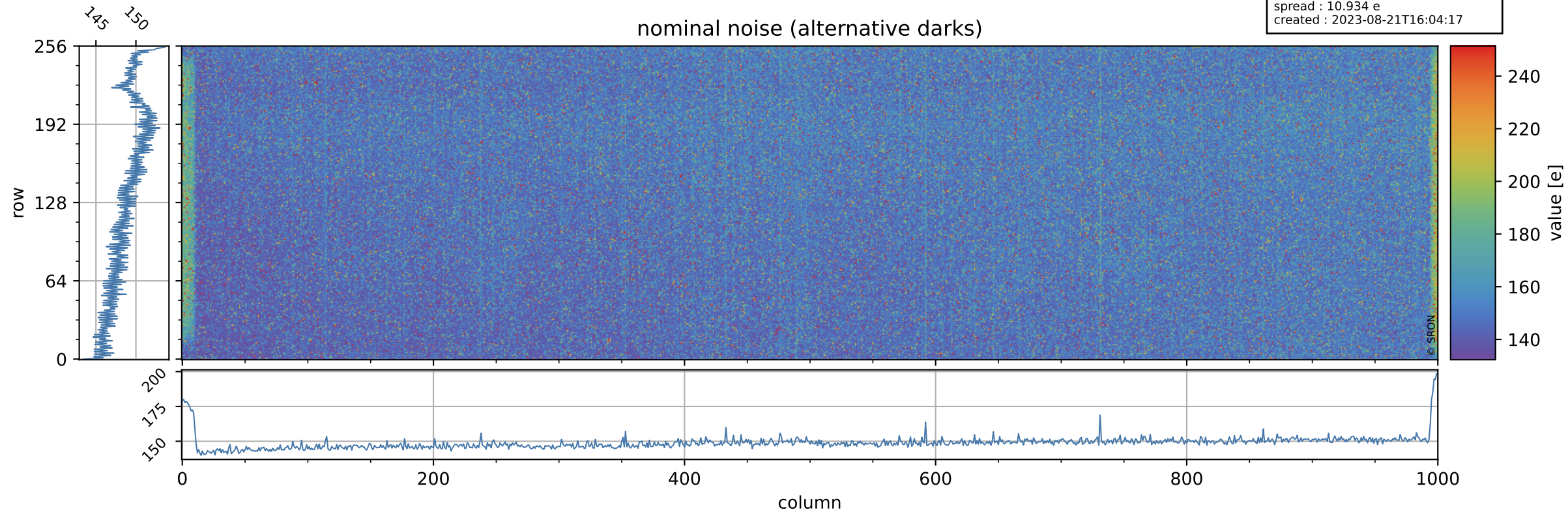


# Tropomi SWIR background noise (swir)

orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.72 e  
spread : 10.934 e  
created : 2023-08-21T16:04:17

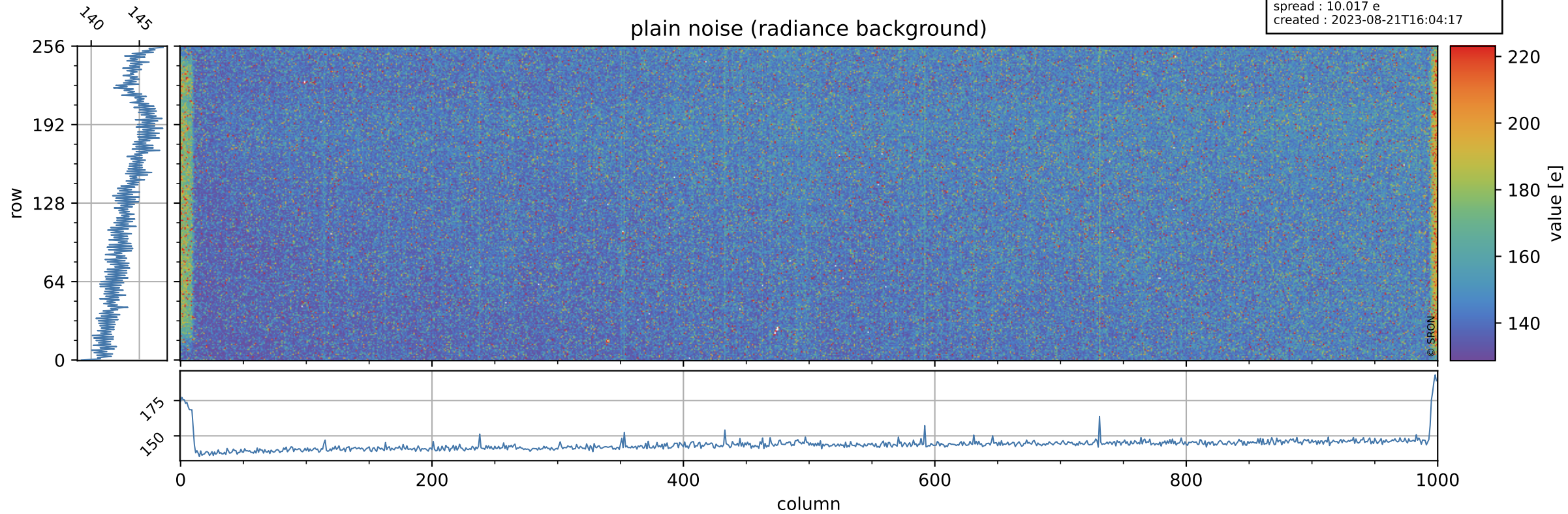
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 10.017 e  
created : 2023-08-21T16:04:17

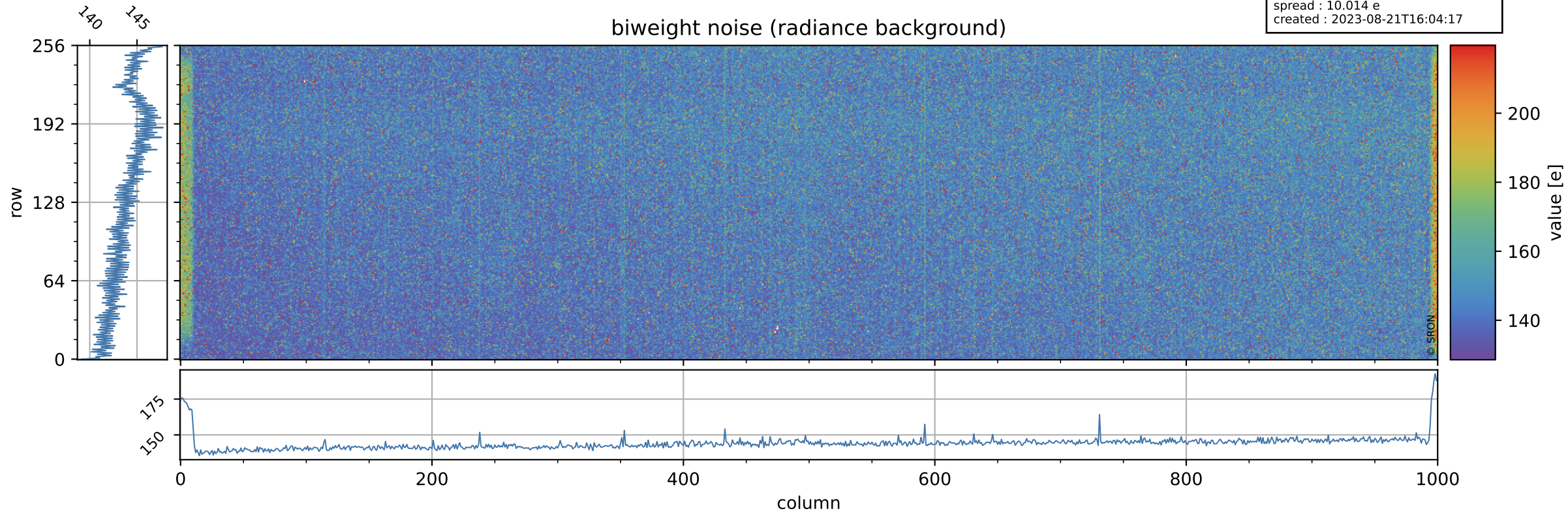
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.81 e  
spread : 10.014 e  
created : 2023-08-21T16:04:17

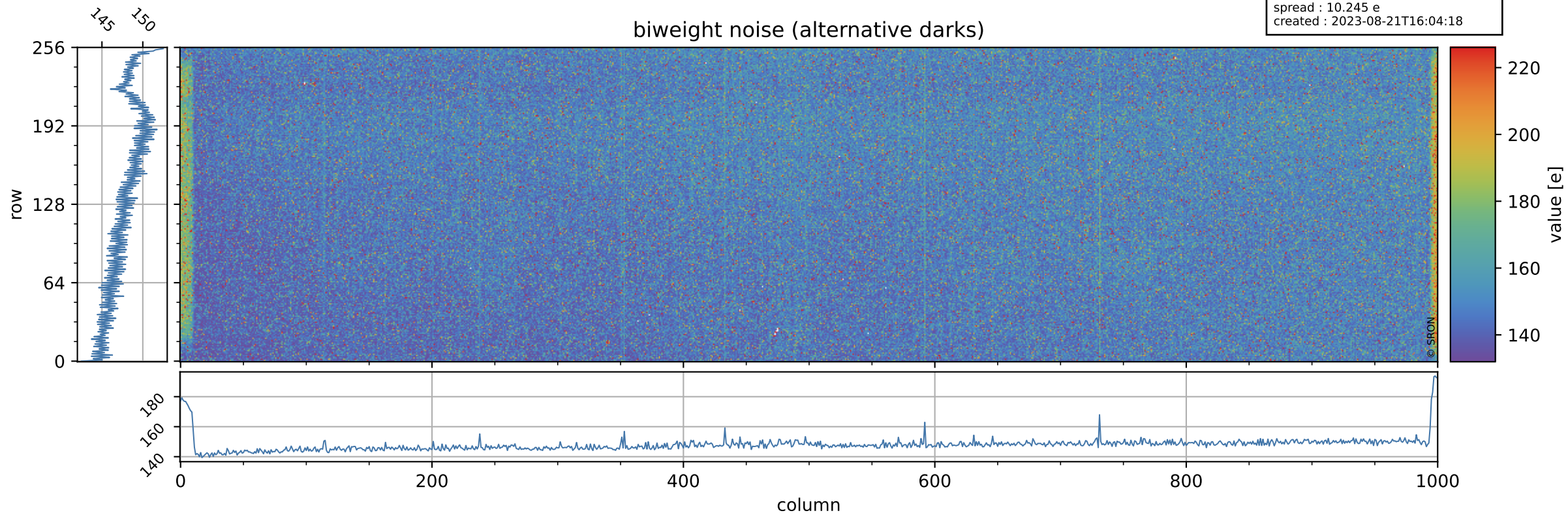
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.72 e  
spread : 10.245 e  
created : 2023-08-21T16:04:18

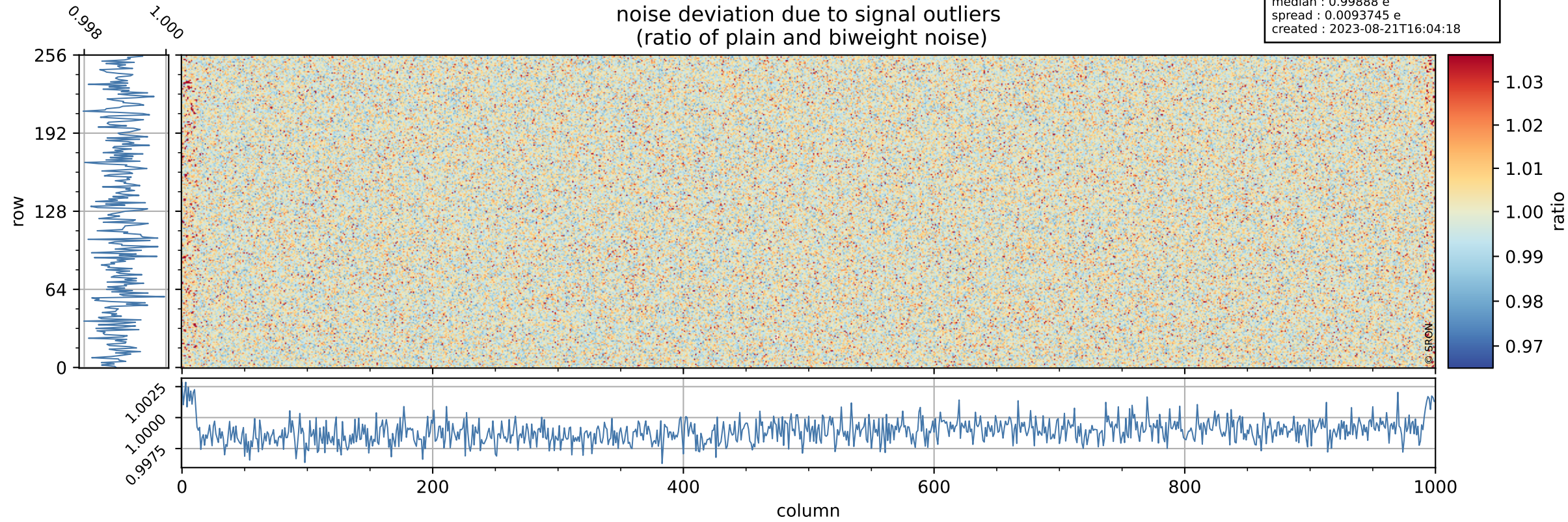
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

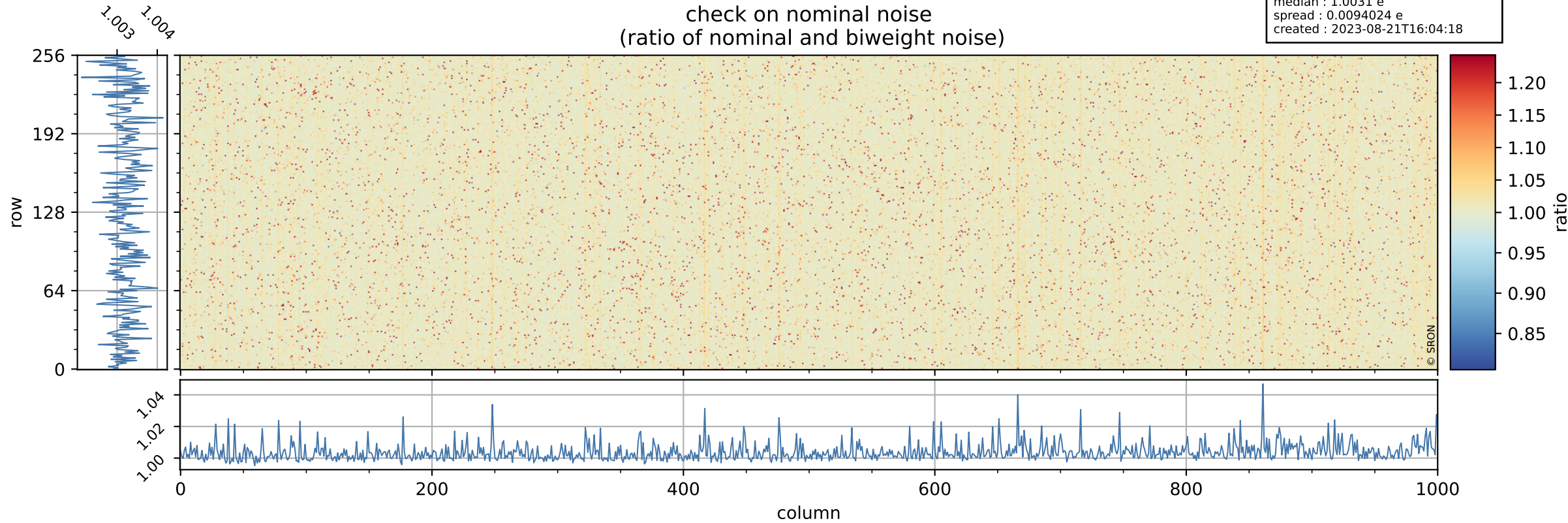
orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
median : 0.99888 e  
spread : 0.0093745 e  
created : 2023-08-21T16:04:18



# Tropomi SWIR background noise (swir)

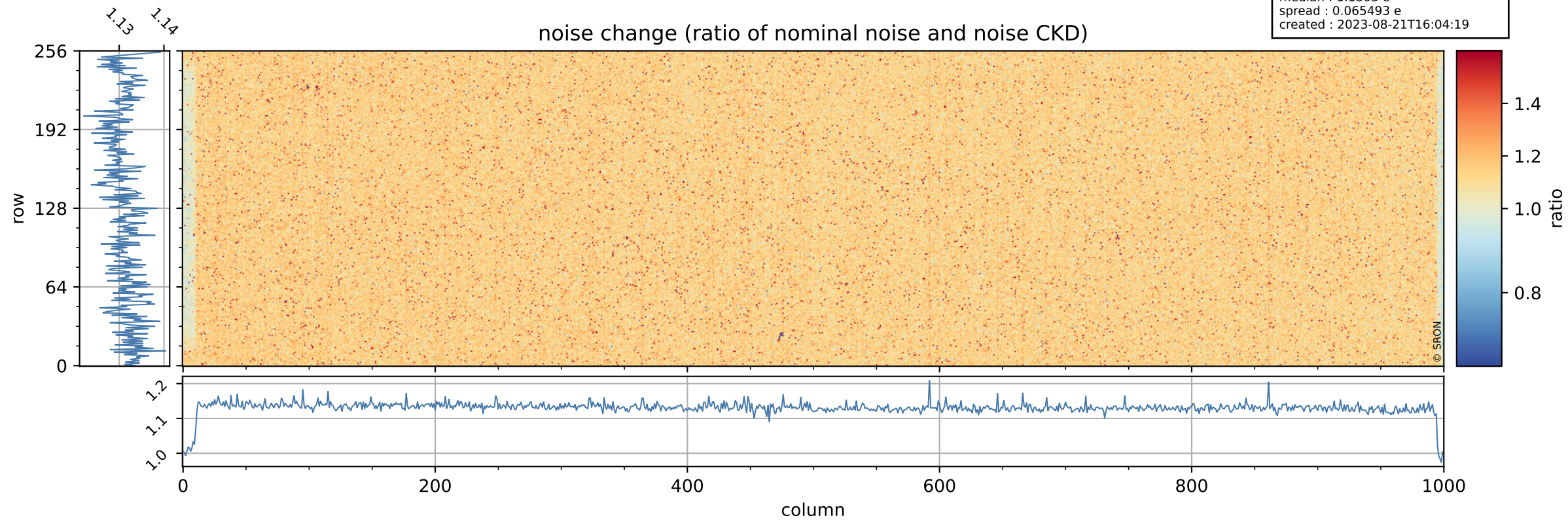
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
median : 1.0031 e  
spread : 0.0094024 e  
created : 2023-08-21T16:04:18



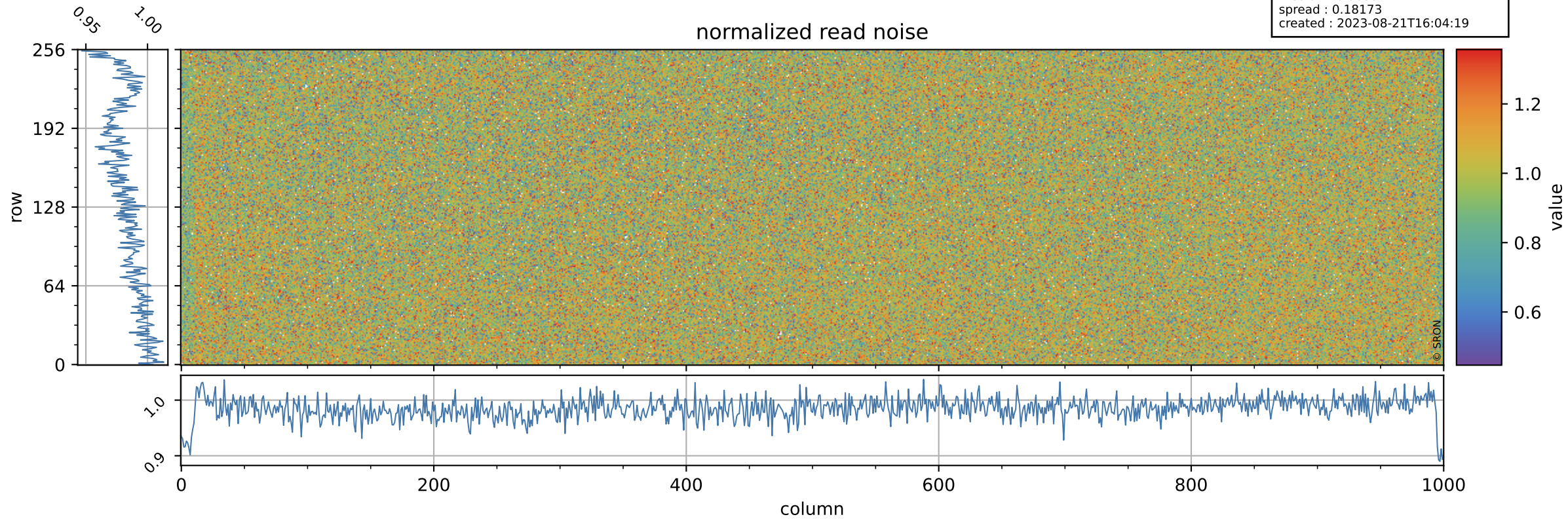
# Tropomi SWIR background noise (swir)

orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
median : 1.1303 e  
spread : 0.065493 e  
created : 2023-08-21T16:04:19



# Tropomi SWIR background noise (swir)

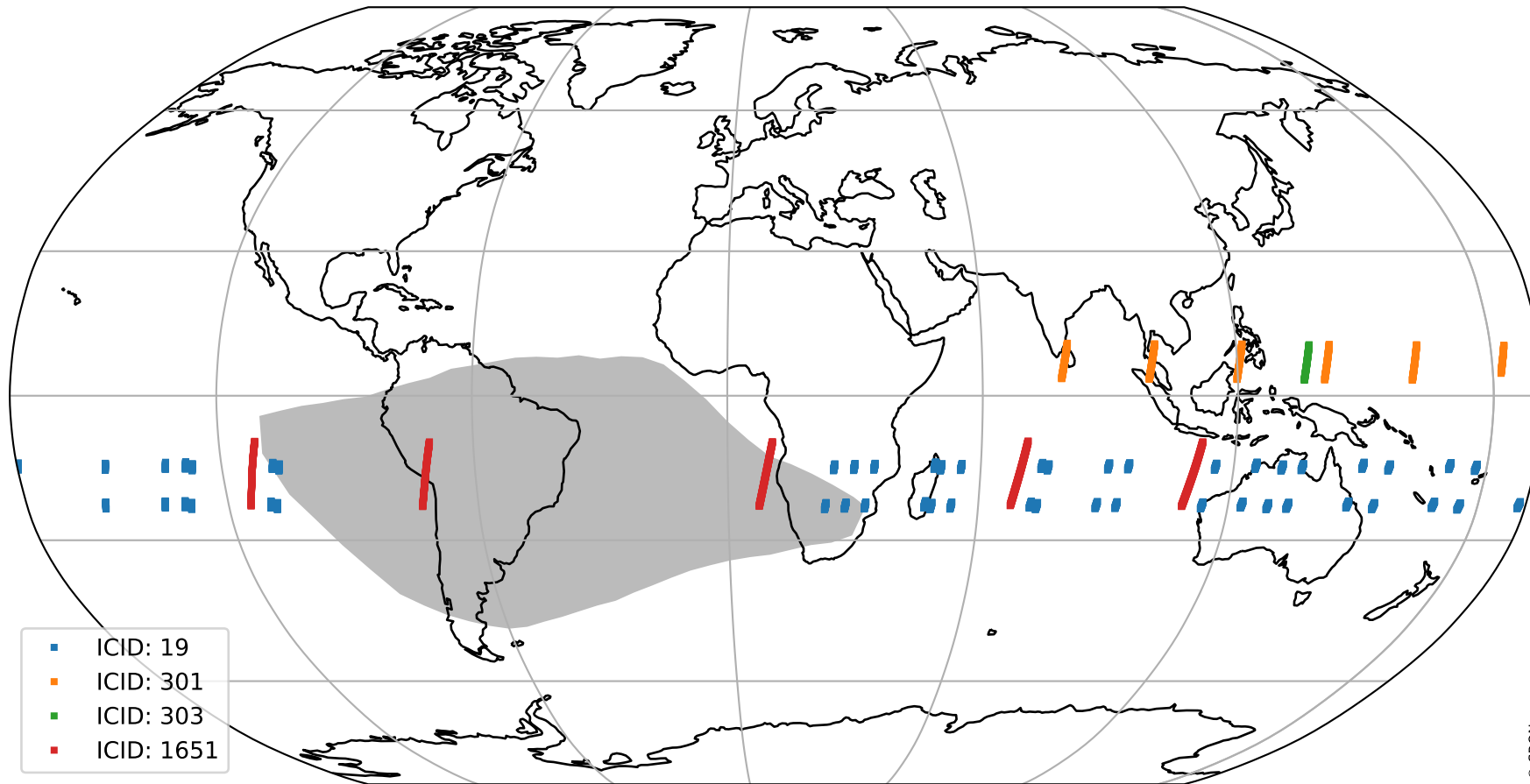
orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
median : 0.98332  
spread : 0.18173  
created : 2023-08-21T16:04:19





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

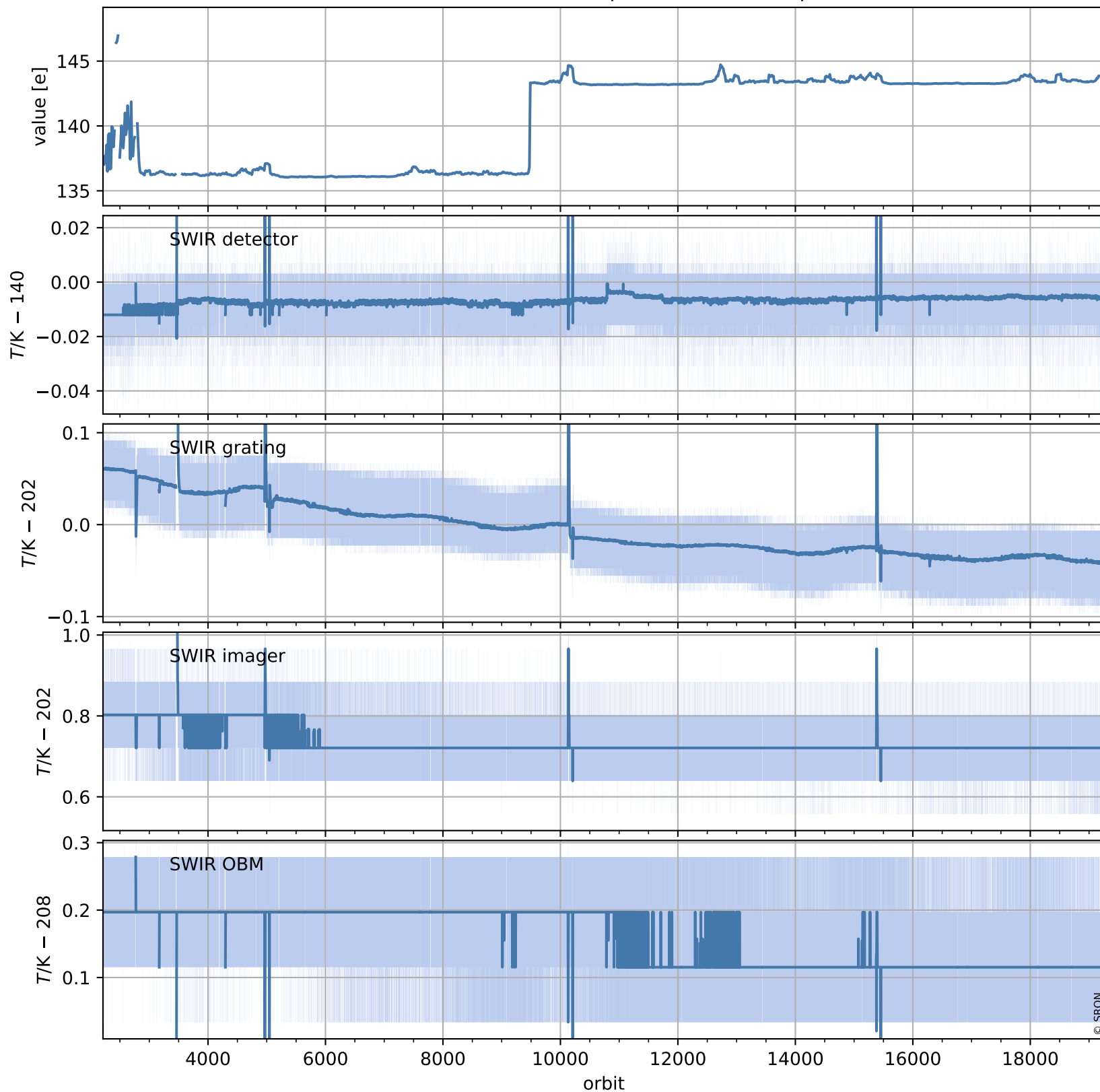
orbits : 12 in [19192, 19267]  
coverage : 2021-06-26 / 2021-07-01  
created : 2023-08-21T16:04:19



# Tropomi SWIR background noise (swir)

orbits : [2212, 19267]  
coverage : 2018-03-18 / 2021-07-01  
created : 2023-08-21T16:04:19

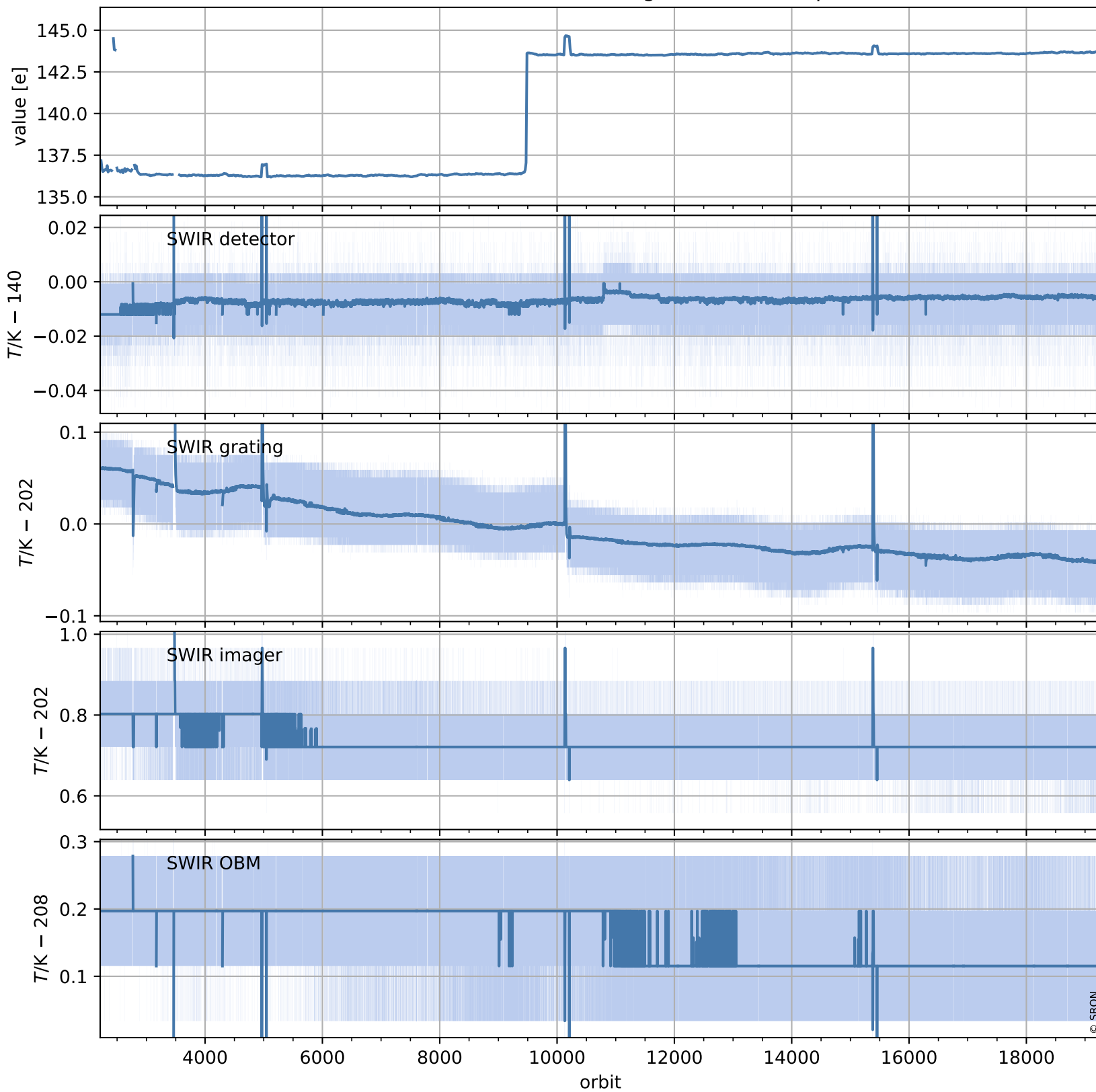
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19267]  
coverage : 2018-03-18 / 2021-07-01  
created : 2023-08-21T16:04:20

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19267]  
coverage : 2018-03-18 / 2021-07-01  
created : 2023-08-21T16:04:21

## trend of normalized read-noise & temperatures

