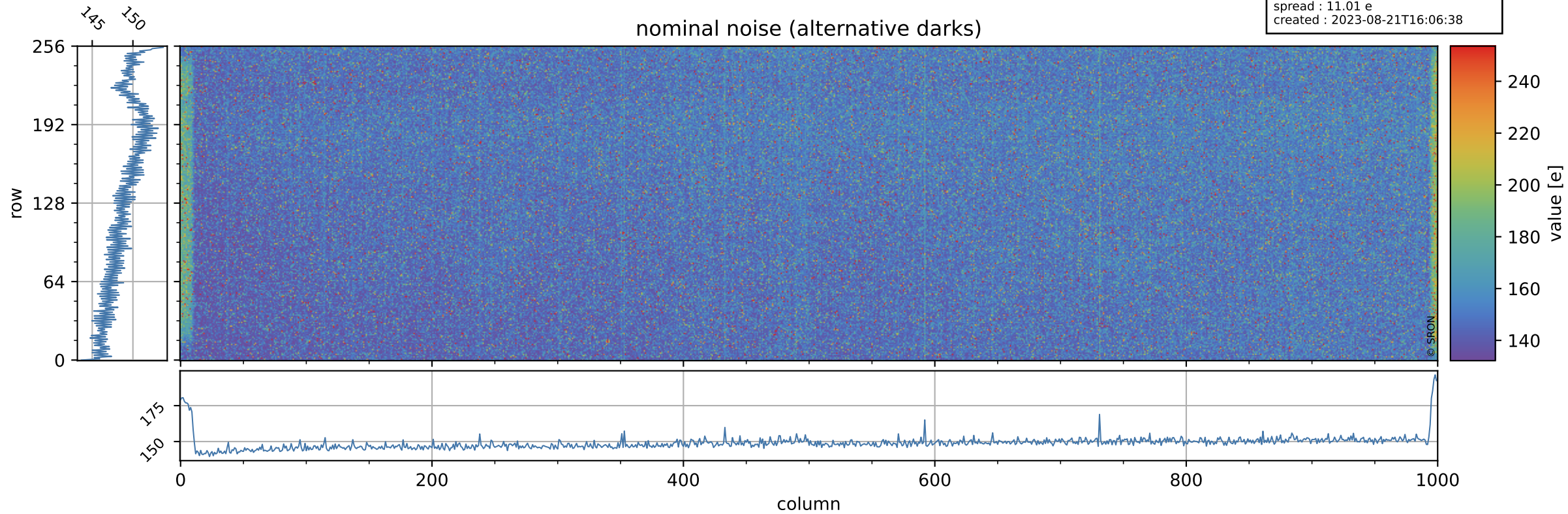


# Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.77 e  
spread : 11.01 e  
created : 2023-08-21T16:06:38

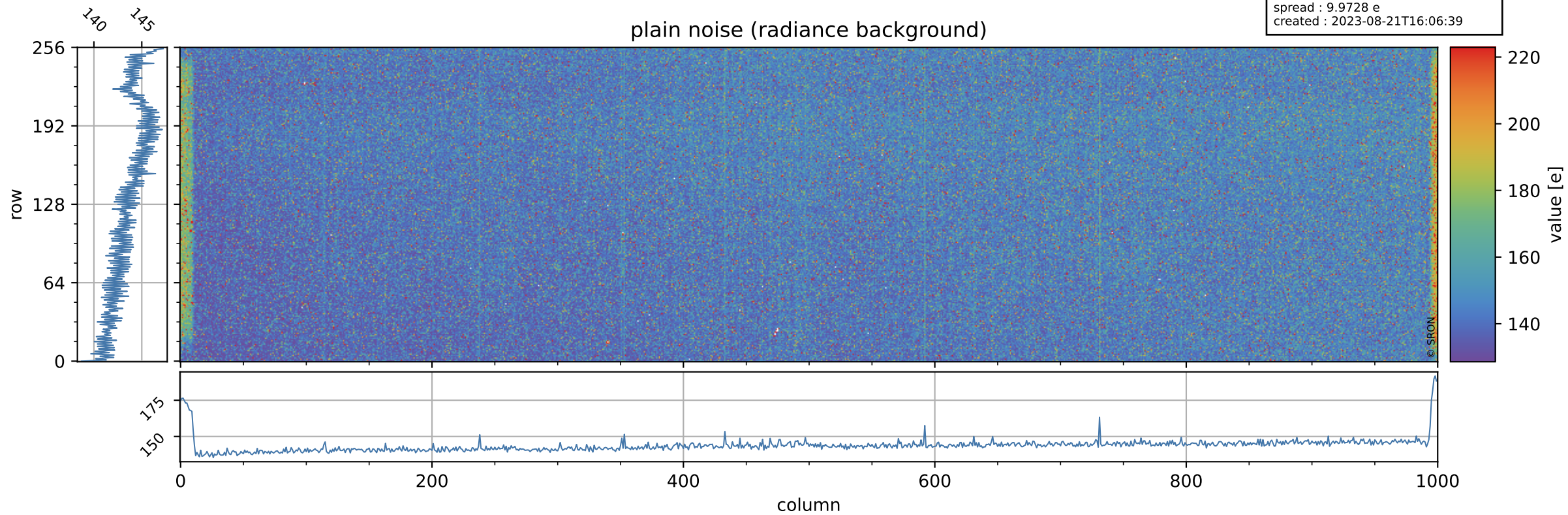
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.9728 e  
created : 2023-08-21T16:06:39

plain noise (radiance background)

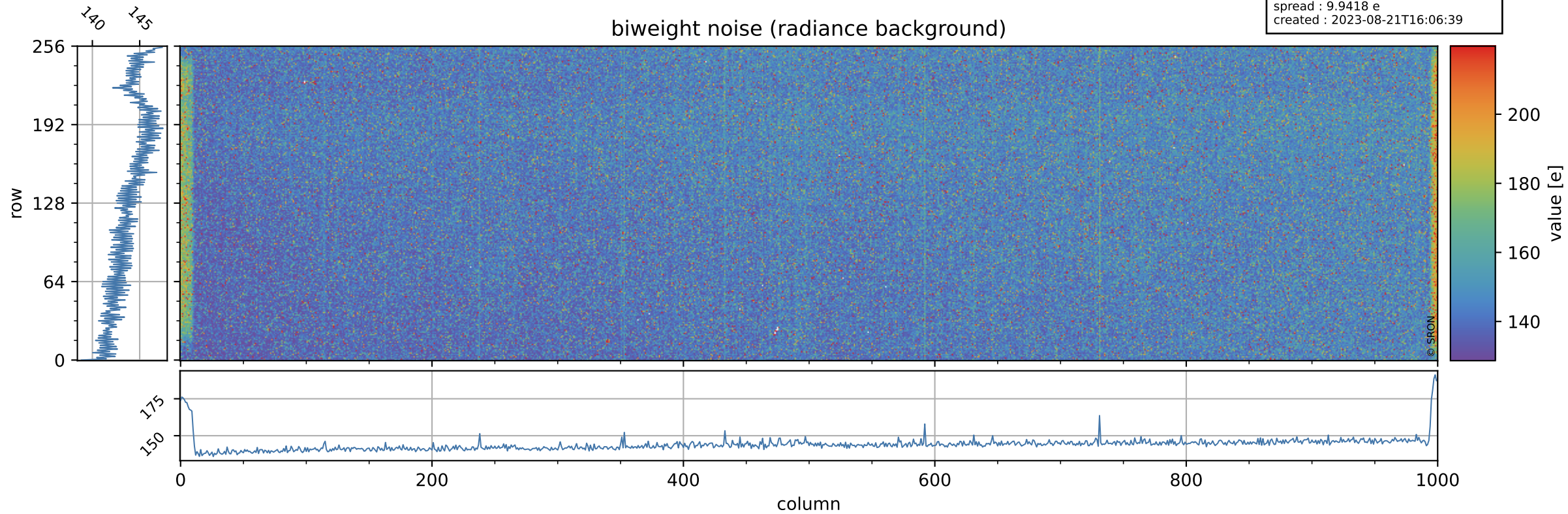




# Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 9.9418 e  
created : 2023-08-21T16:06:39

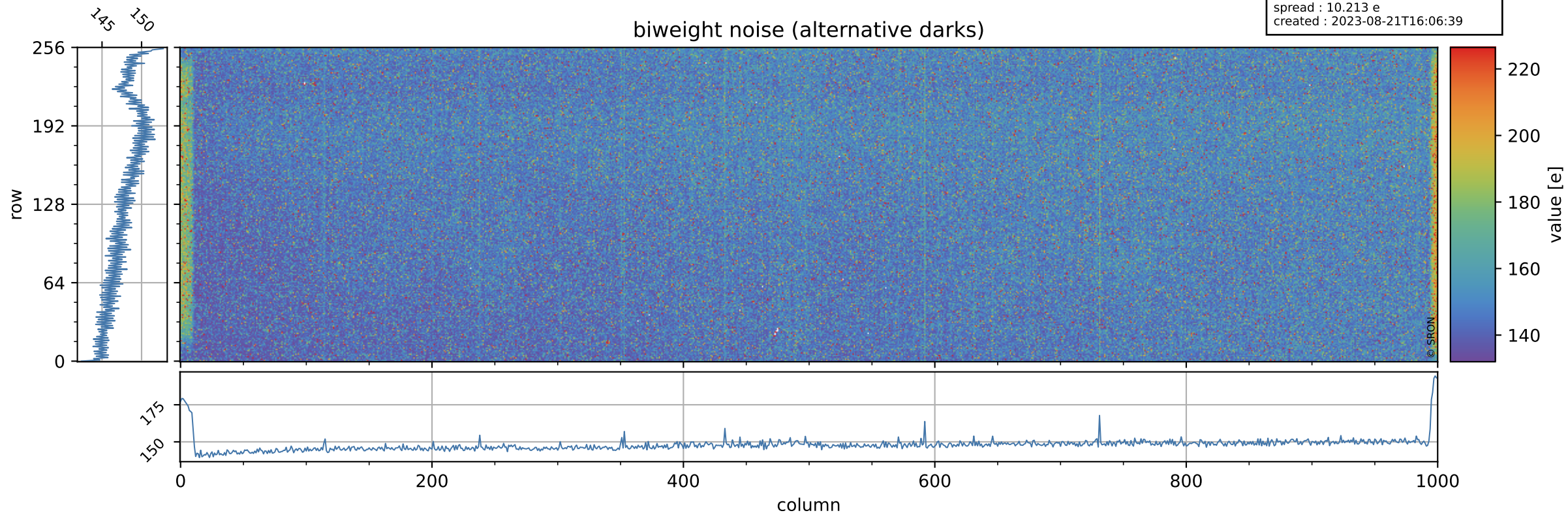
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.74 e  
spread : 10.213 e  
created : 2023-08-21T16:06:39

## biweight noise (alternative darks)

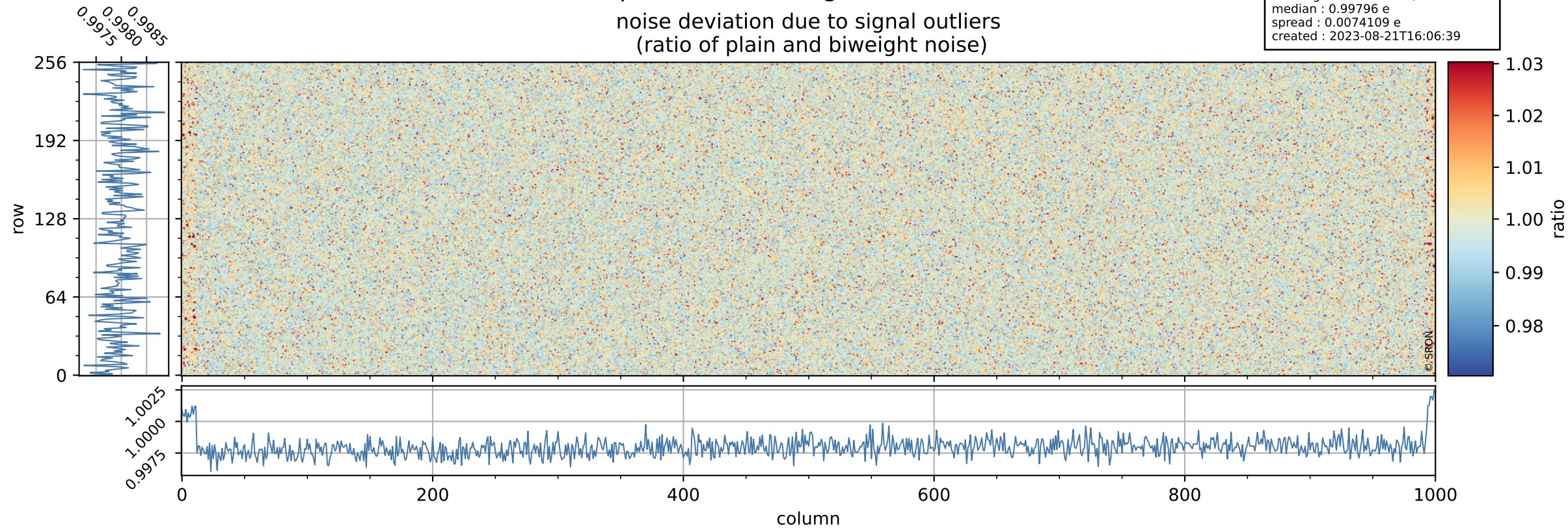




# Tropomi SWIR background noise (swir)

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

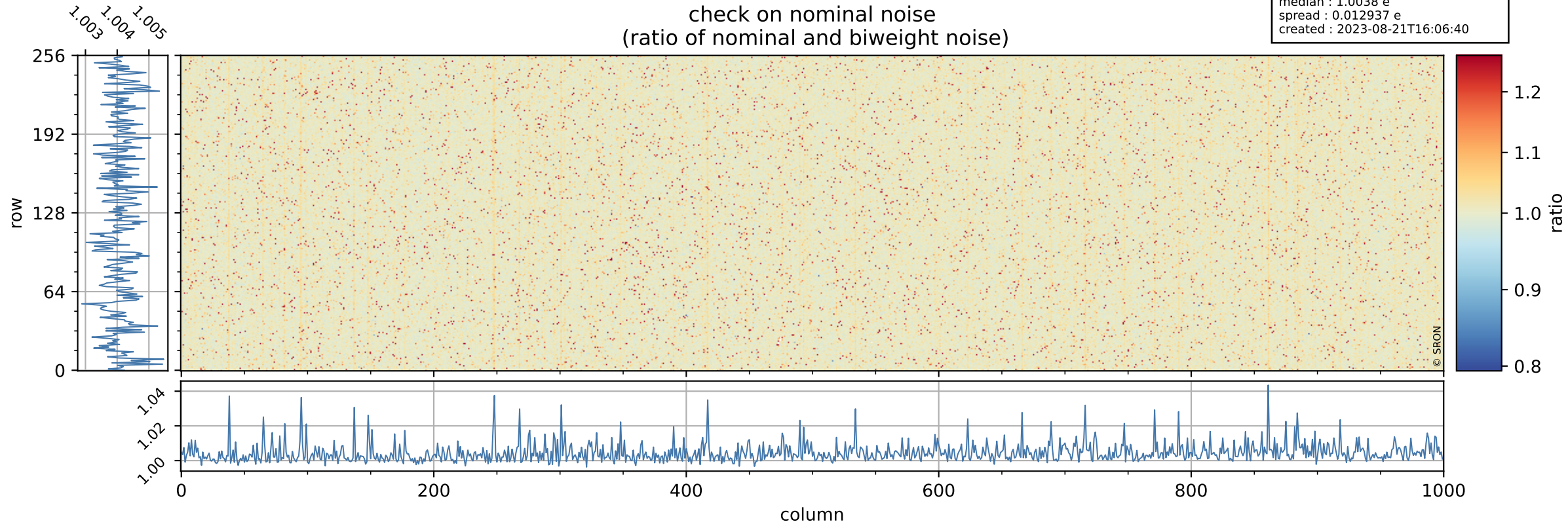
orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
median : 0.99796 e  
spread : 0.0074109 e  
created : 2023-08-21T16:06:39



# Tropomi SWIR background noise (swir)

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

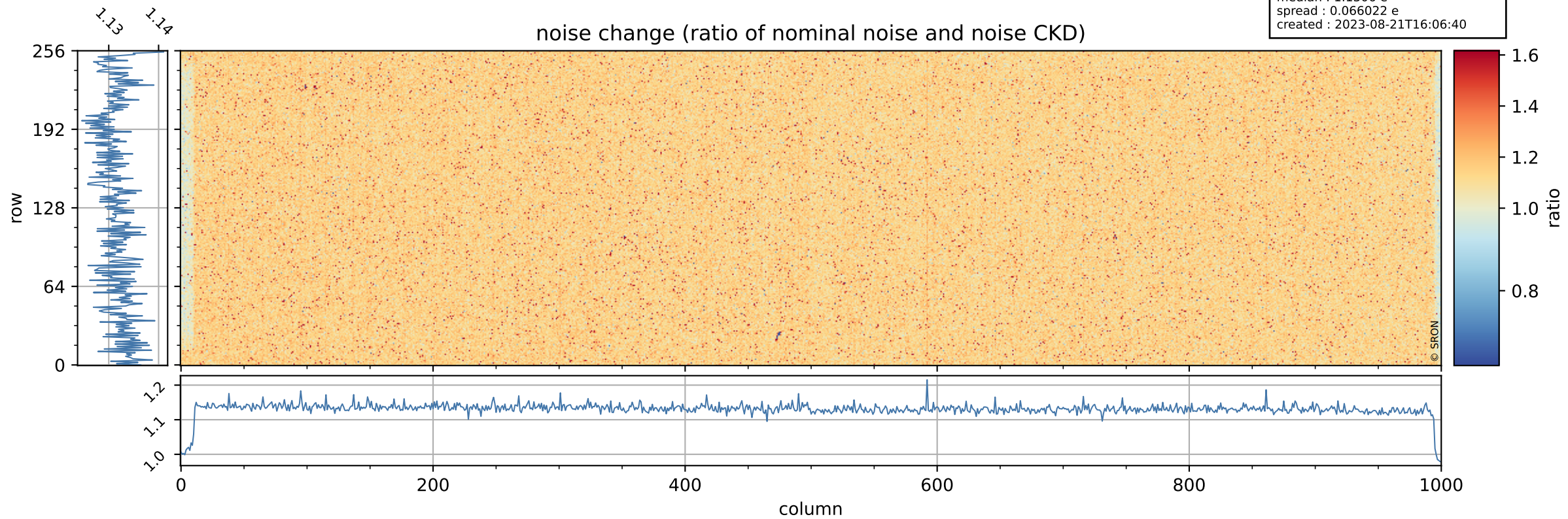
orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
median : 1.0038 e  
spread : 0.012937 e  
created : 2023-08-21T16:06:40





# Tropomi SWIR background noise (swir)

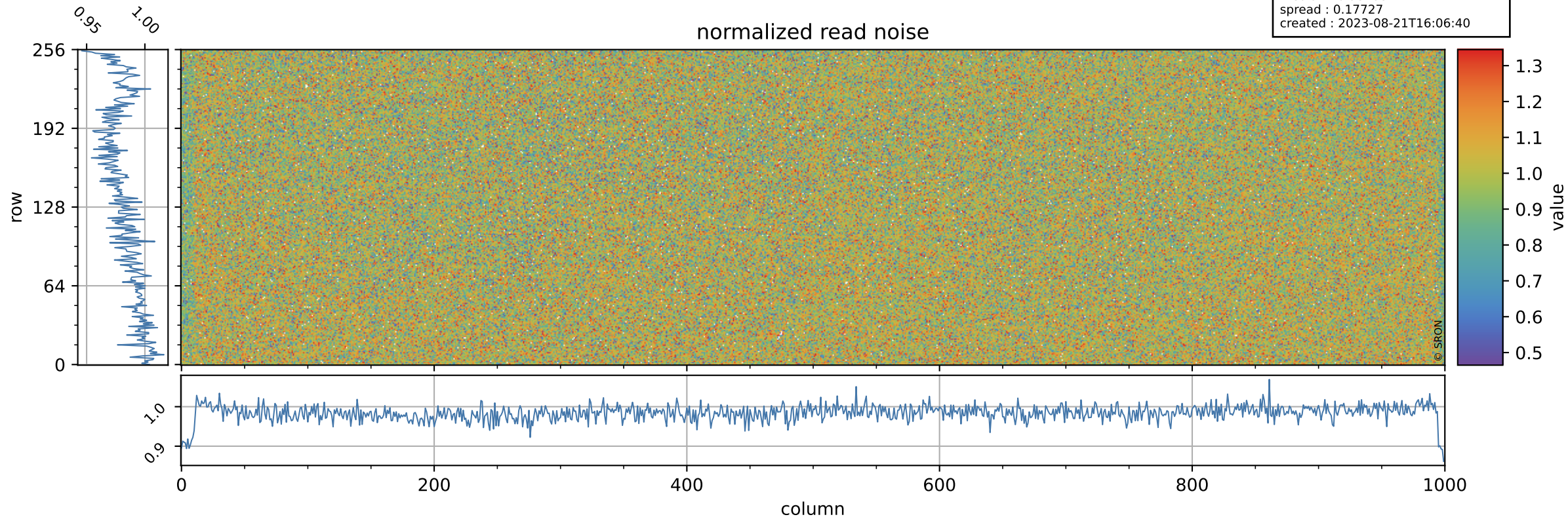
orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
median : 1.1306 e  
spread : 0.066022 e  
created : 2023-08-21T16:06:40





# Tropomi SWIR background noise (swir)

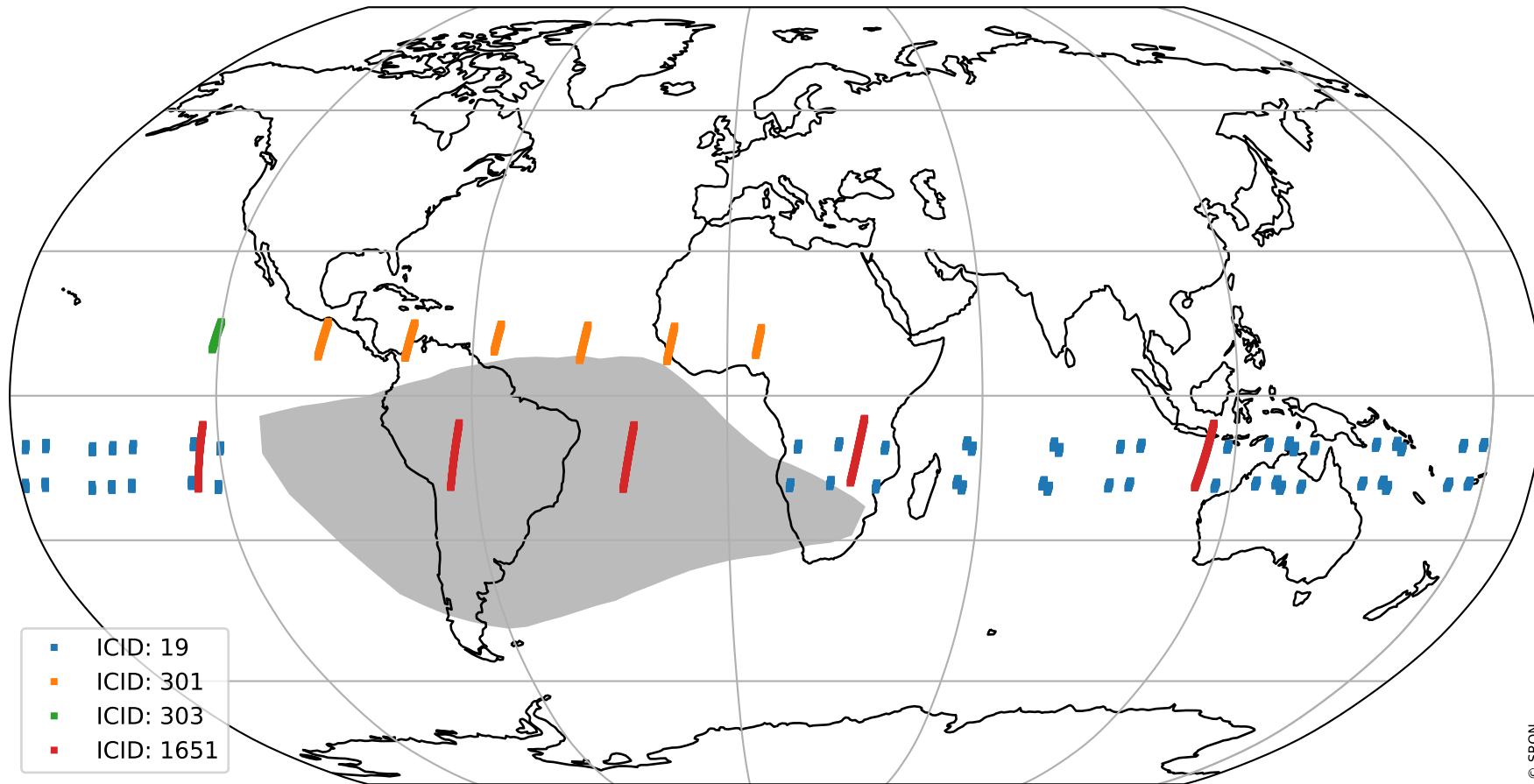
orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
median : 0.98208  
spread : 0.17727  
created : 2023-08-21T16:06:40





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

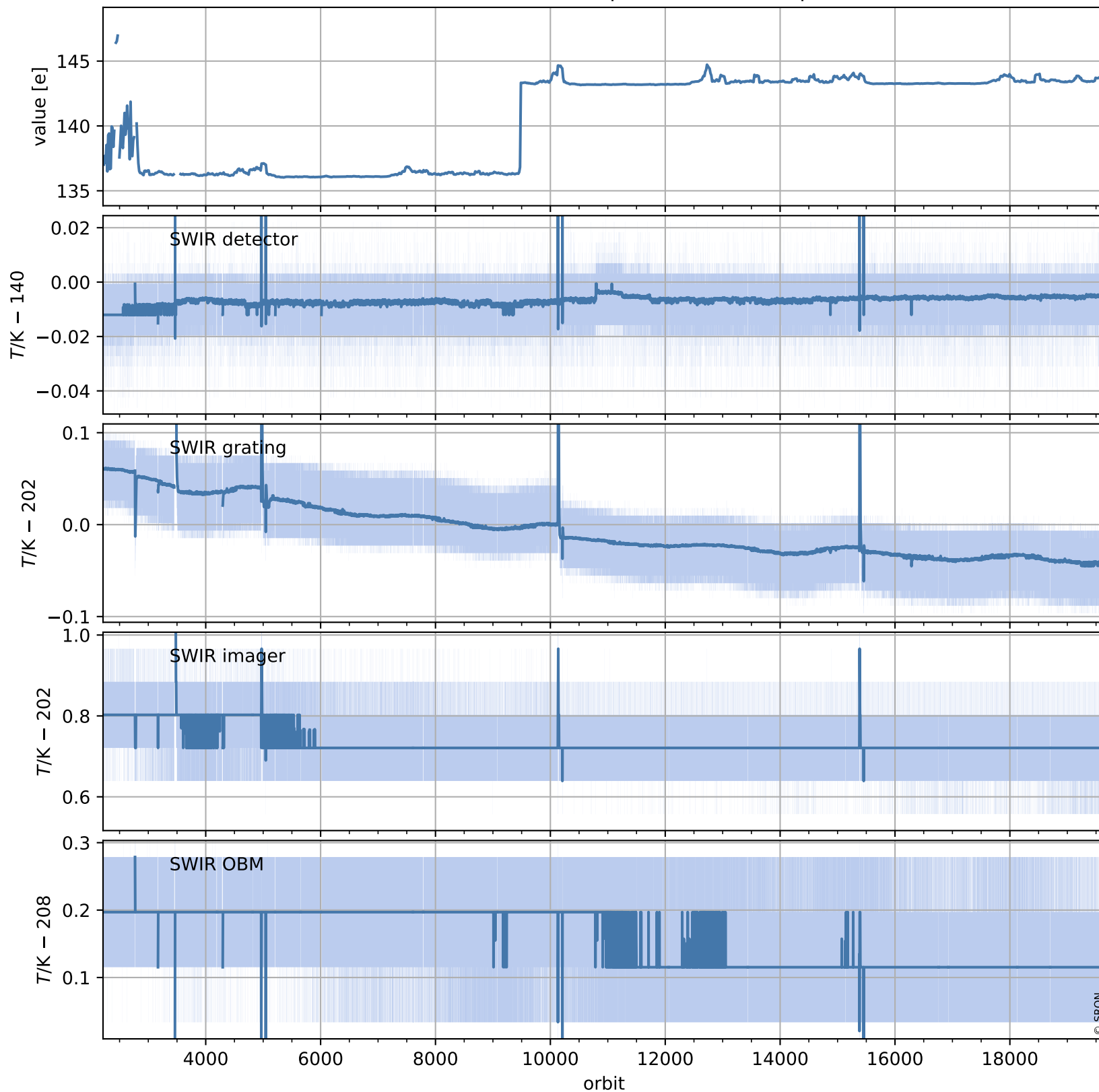
orbits : 12 in [19567, 19657]  
coverage : 2021-07-23 / 2021-07-29  
created : 2023-08-21T16:06:41



# Tropomi SWIR background noise (swir)

orbits : [2212, 19657]  
coverage : 2018-03-18 / 2021-07-29  
created : 2023-08-21T16:06:41

## trend of detector median of plain noise & temperatures

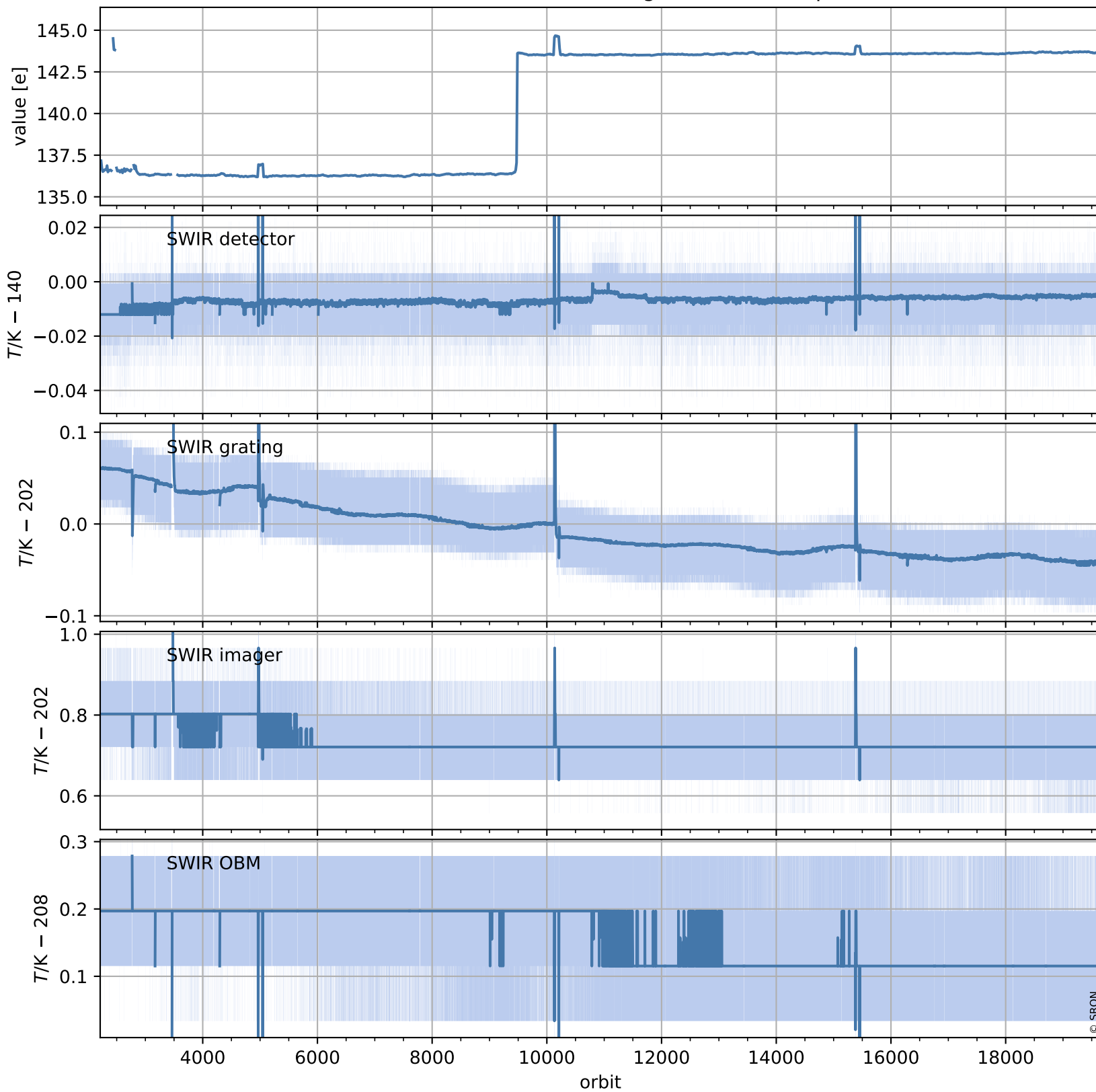




# Tropomi SWIR background noise (swir)

orbits : [2212, 19657]  
coverage : 2018-03-18 / 2021-07-29  
created : 2023-08-21T16:06:42

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19657]  
coverage : 2018-03-18 / 2021-07-29  
created : 2023-08-21T16:06:43

## trend of normalized read-noise & temperatures

