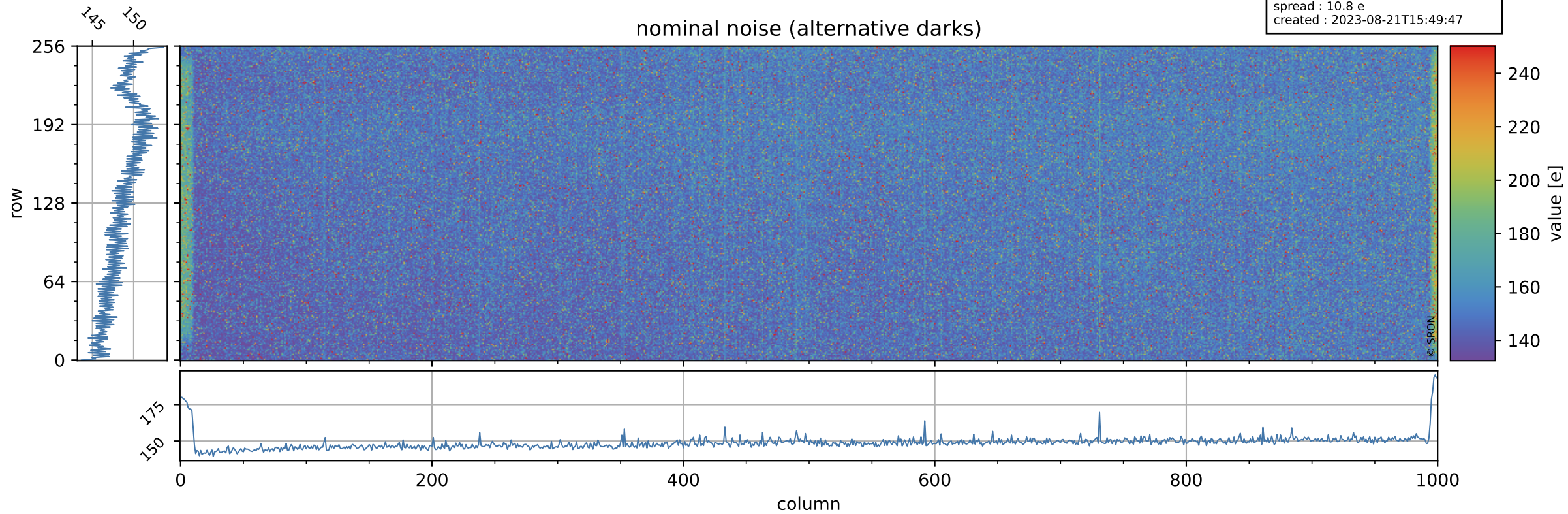


# Tropomi SWIR background noise (swir)

orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.62 e  
spread : 10.8 e  
created : 2023-08-21T15:49:47

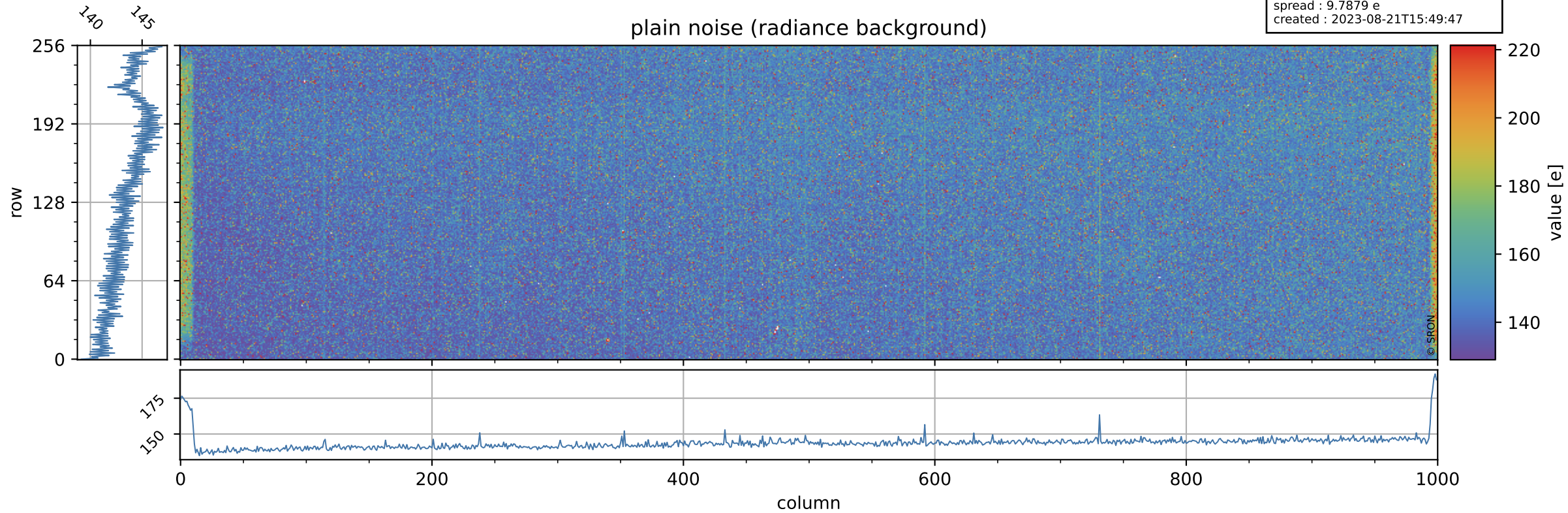
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.43 e  
spread : 9.7879 e  
created : 2023-08-21T15:49:47

## plain noise (radiance background)

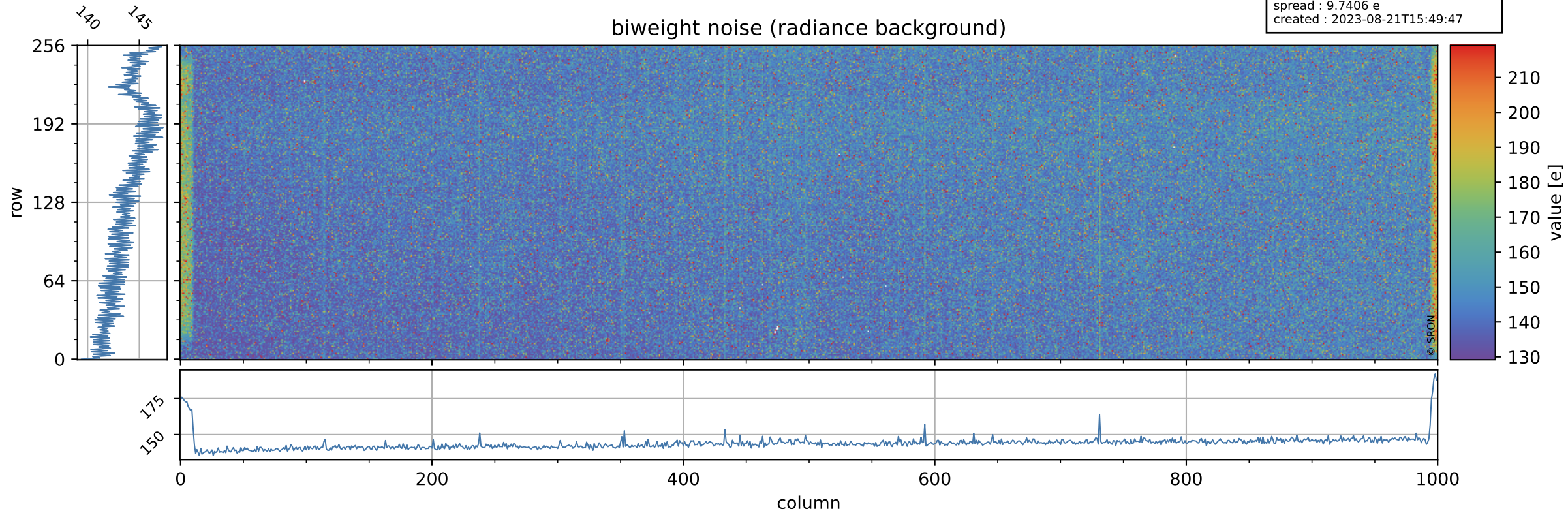




# Tropomi SWIR background noise (swir)

orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.7406 e  
created : 2023-08-21T15:49:47

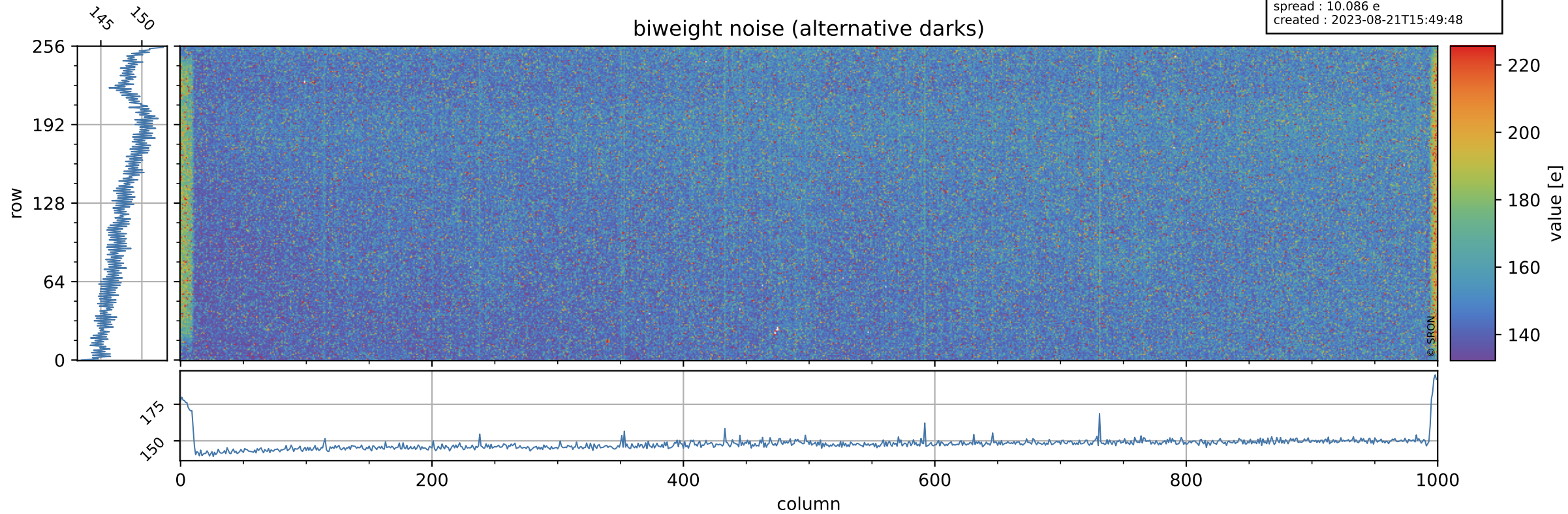
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.71 e  
spread : 10.086 e  
created : 2023-08-21T15:49:48

## biweight noise (alternative darks)

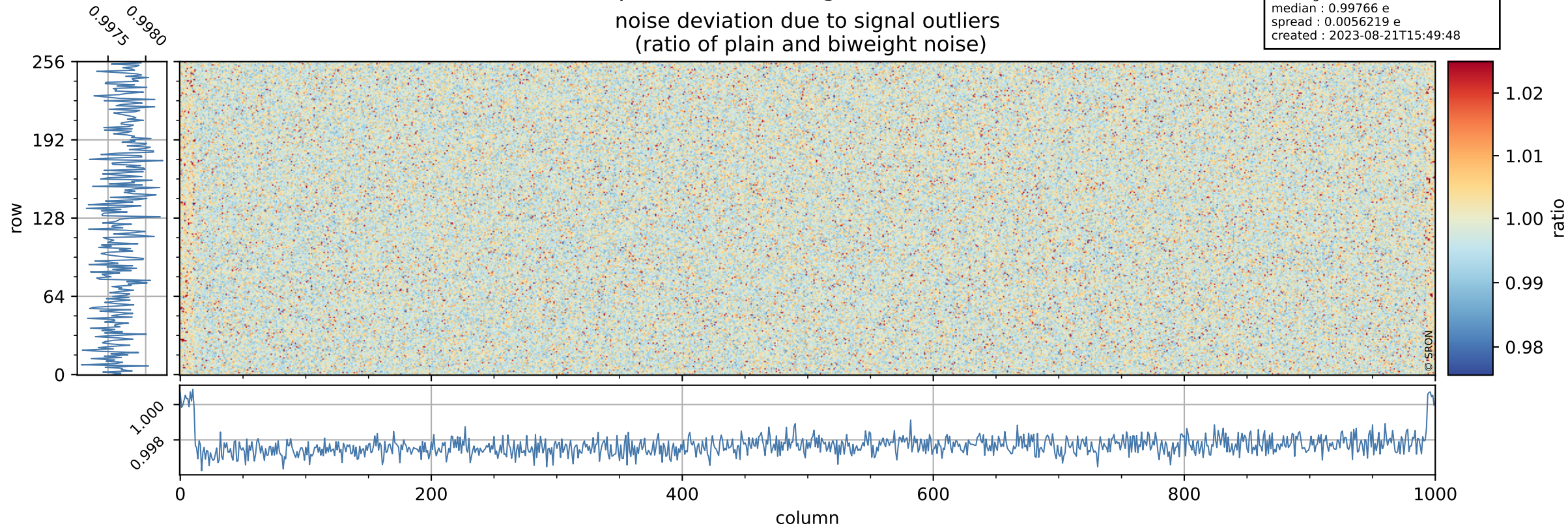




# Tropomi SWIR background noise (swir)

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

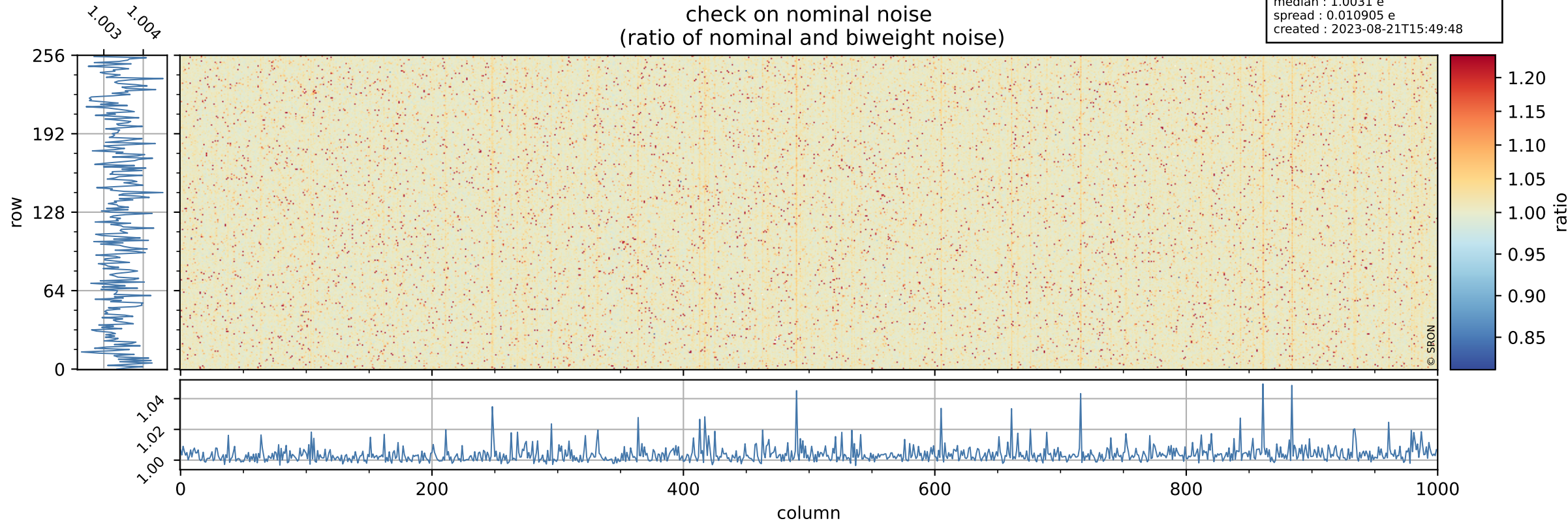
orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
median : 0.99766 e  
spread : 0.0056219 e  
created : 2023-08-21T15:49:48



# Tropomi SWIR background noise (swir)

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

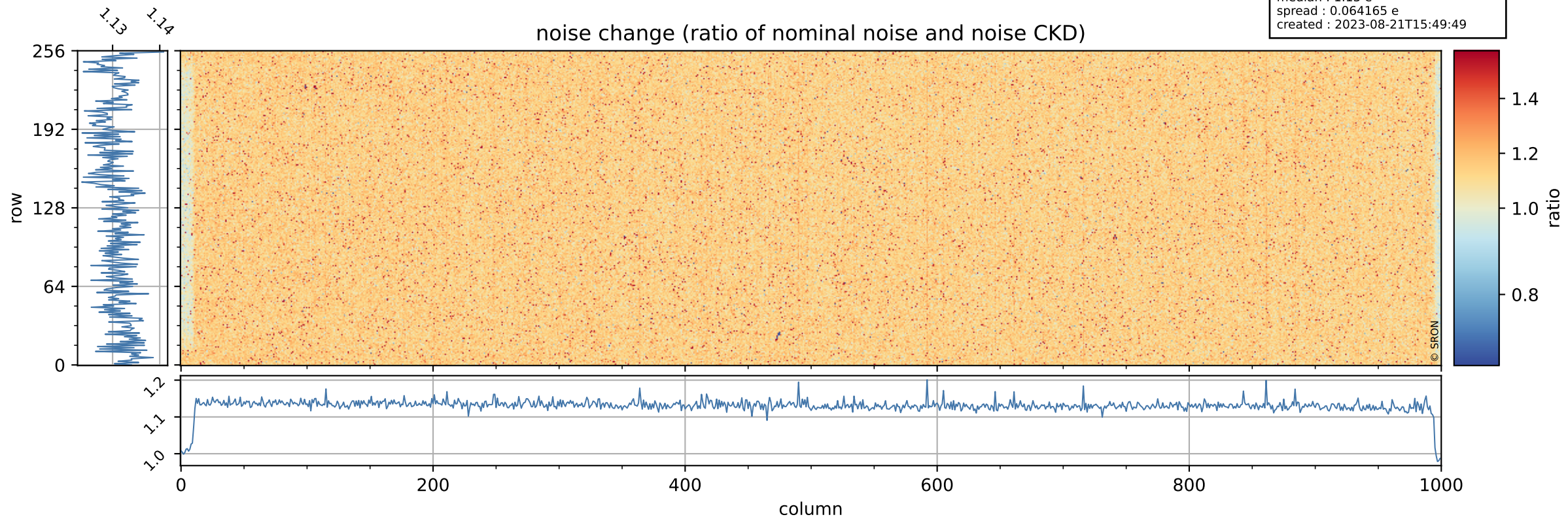
orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
median : 1.0031 e  
spread : 0.010905 e  
created : 2023-08-21T15:49:48





# Tropomi SWIR background noise (swir)

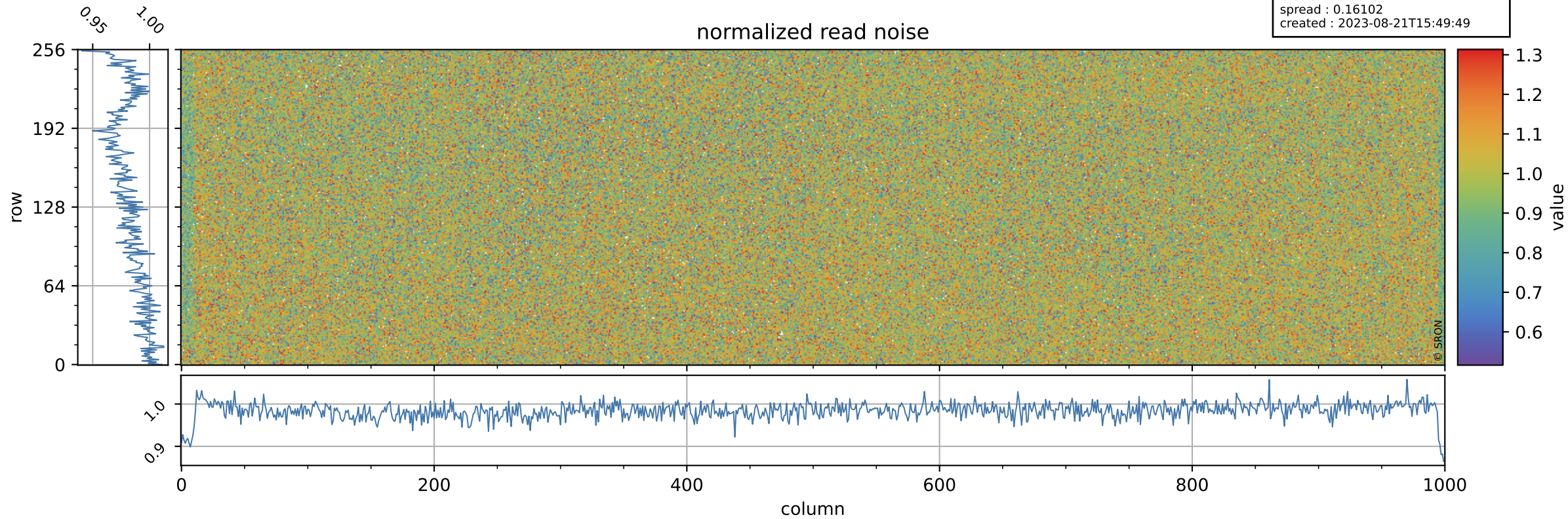
orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
median : 1.13 e  
spread : 0.064165 e  
created : 2023-08-21T15:49:49





# Tropomi SWIR background noise (swir)

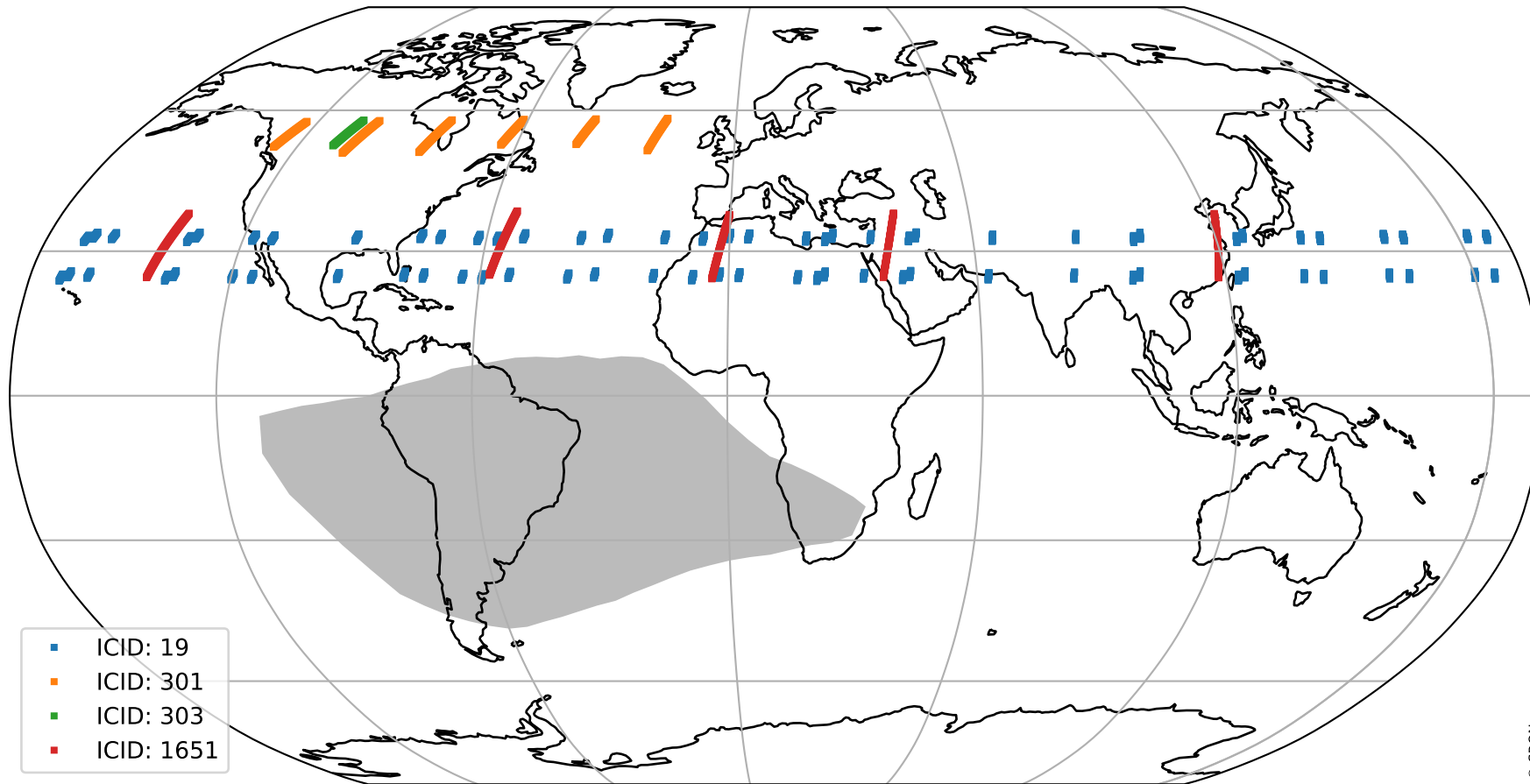
orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
median : 0.98257  
spread : 0.16102  
created : 2023-08-21T15:49:49





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

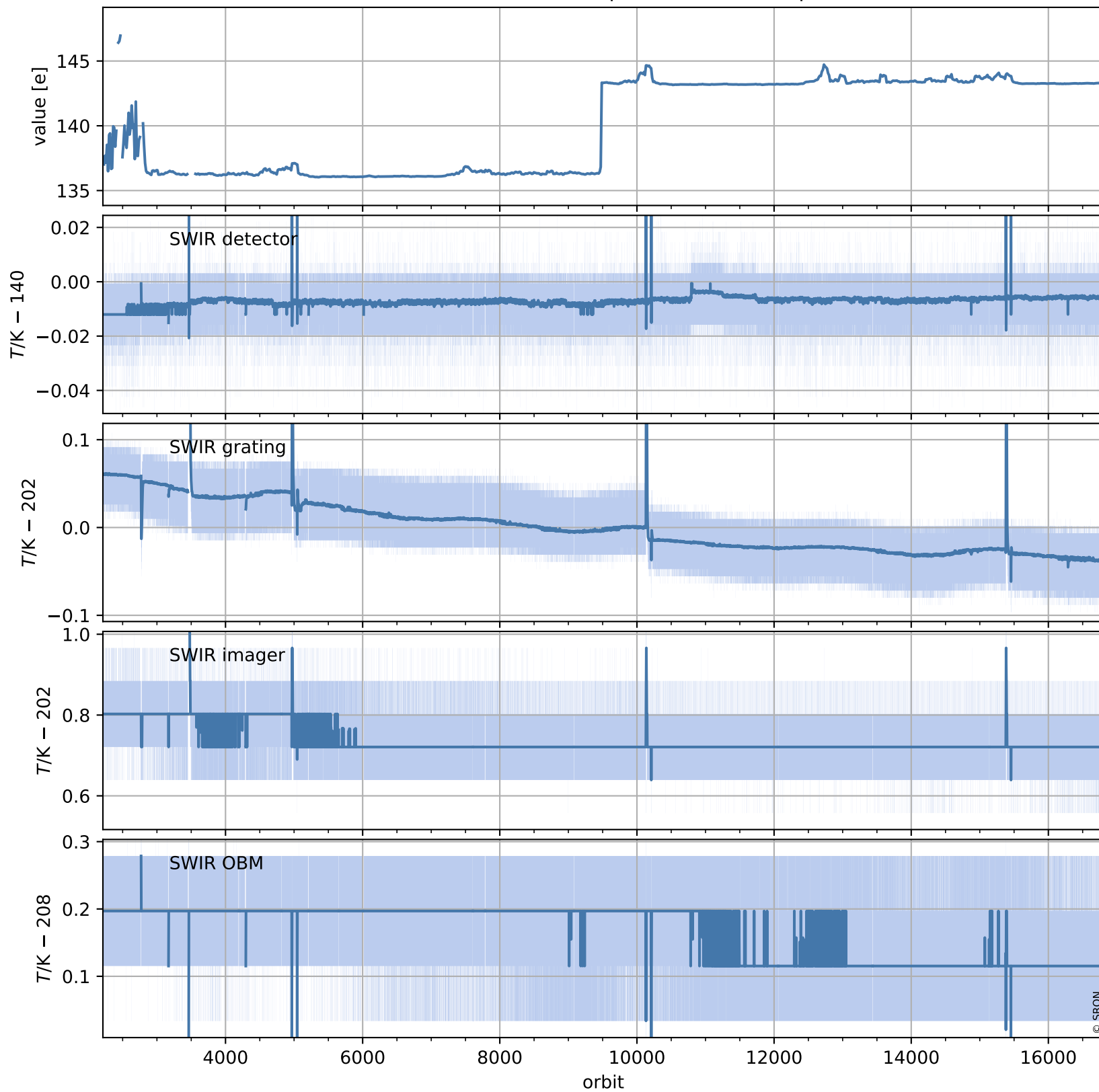
orbits : 12 in [16717, 16807]  
coverage : 2021-01-04 / 2021-01-10  
created : 2023-08-21T15:49:49



# Tropomi SWIR background noise (swir)

orbits : [2212, 16807]  
coverage : 2018-03-18 / 2021-01-10  
created : 2023-08-21T15:49:49

## trend of detector median of plain noise & temperatures

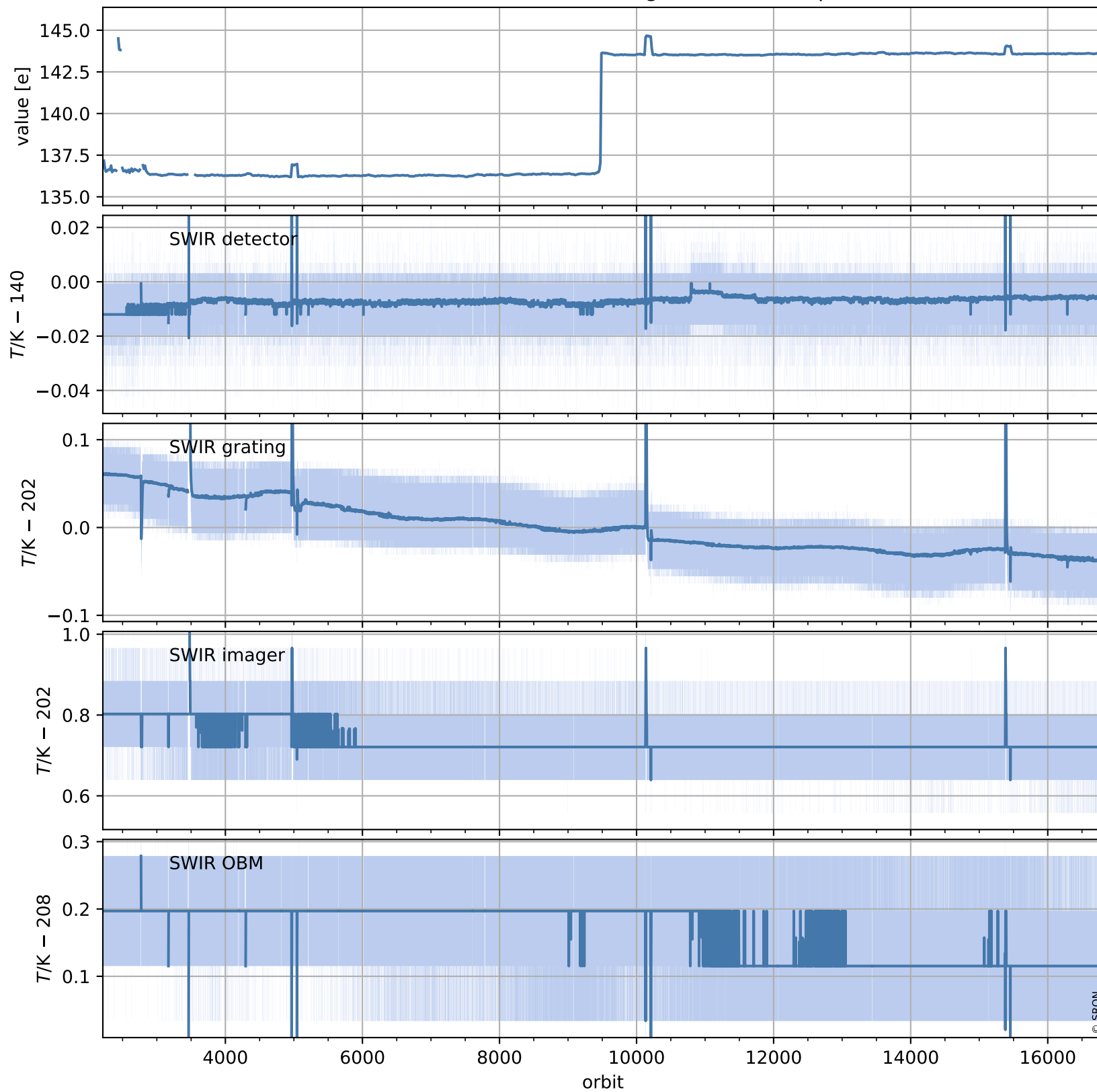




# Tropomi SWIR background noise (swir)

orbits : [2212, 16807]  
coverage : 2018-03-18 / 2021-01-10  
created : 2023-08-21T15:49:50

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 16807]  
coverage : 2018-03-18 / 2021-01-10  
created : 2023-08-21T15:49:51

## trend of normalized read-noise & temperatures

