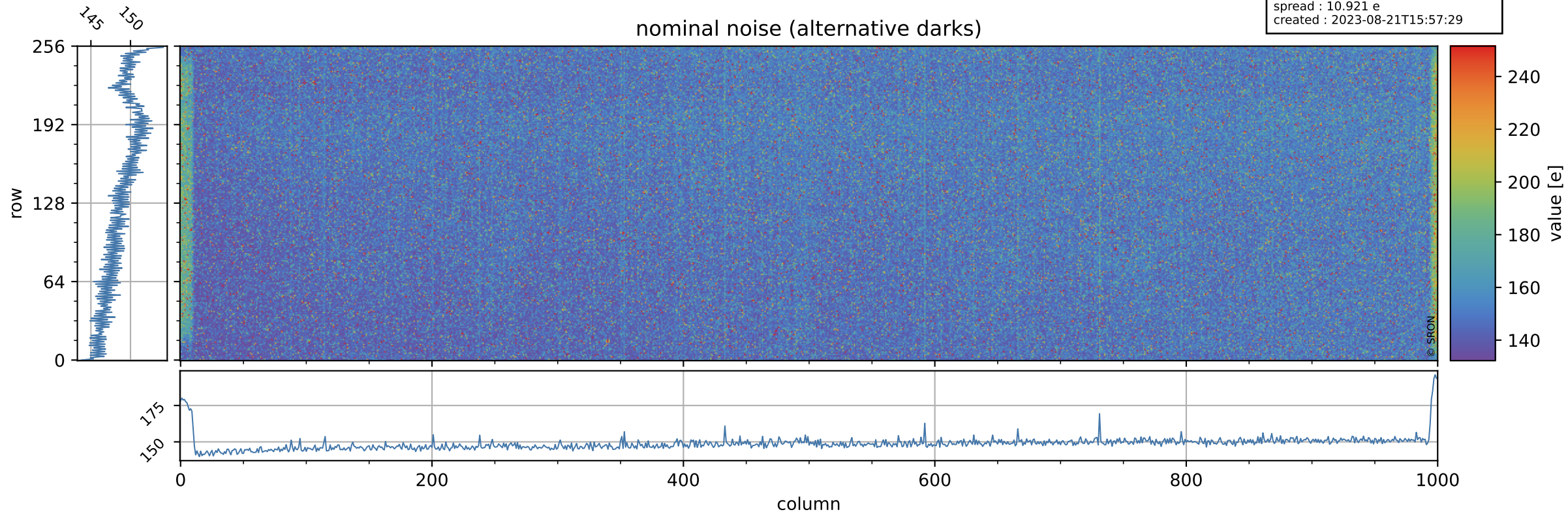


# Tropomi SWIR background noise (swir)

orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.67 e  
spread : 10.921 e  
created : 2023-08-21T15:57:29

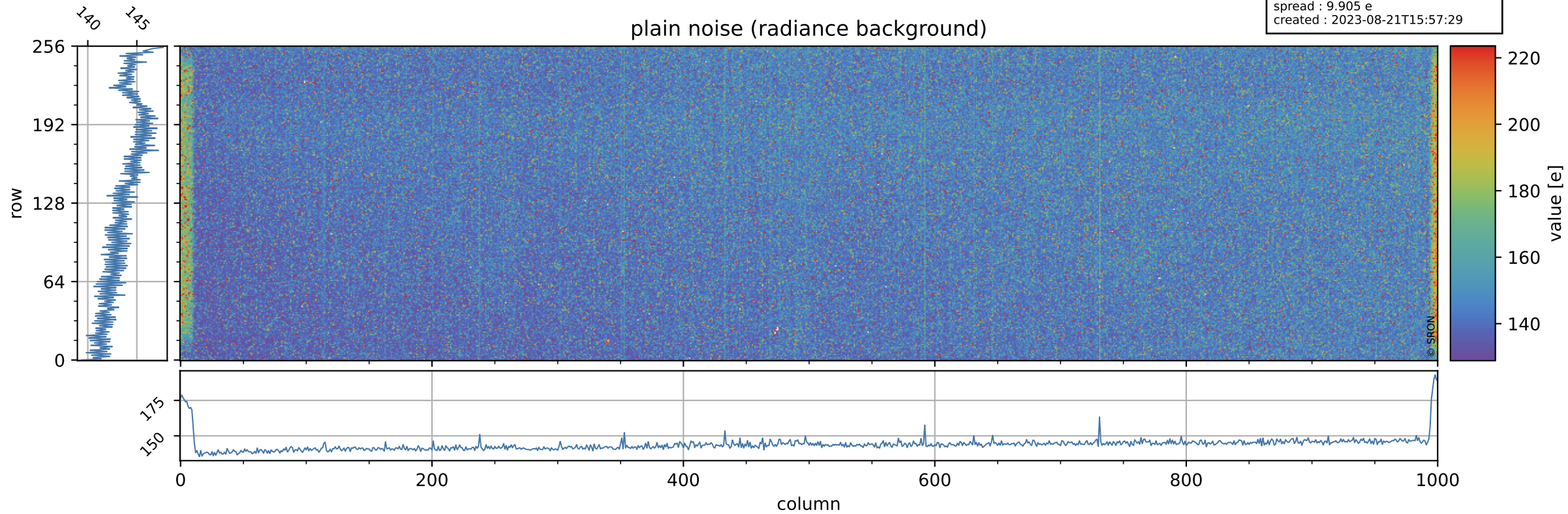
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.6 e  
spread : 9.905 e  
created : 2023-08-21T15:57:29

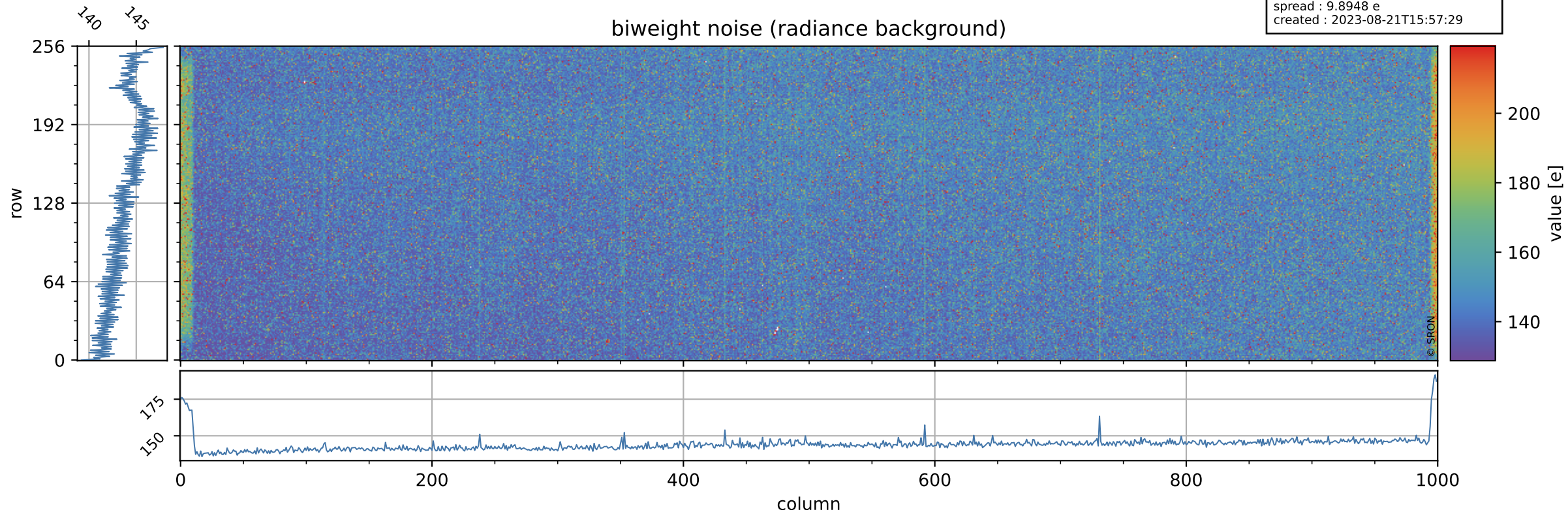
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.8948 e  
created : 2023-08-21T15:57:29

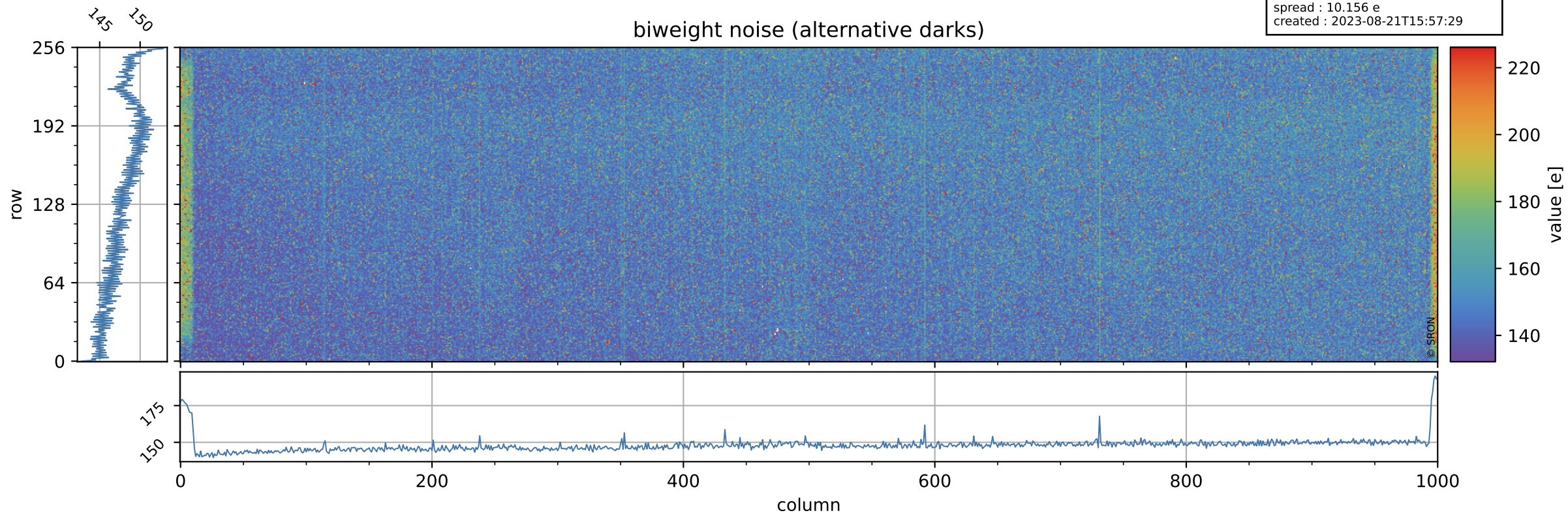
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.72 e  
spread : 10.156 e  
created : 2023-08-21T15:57:29

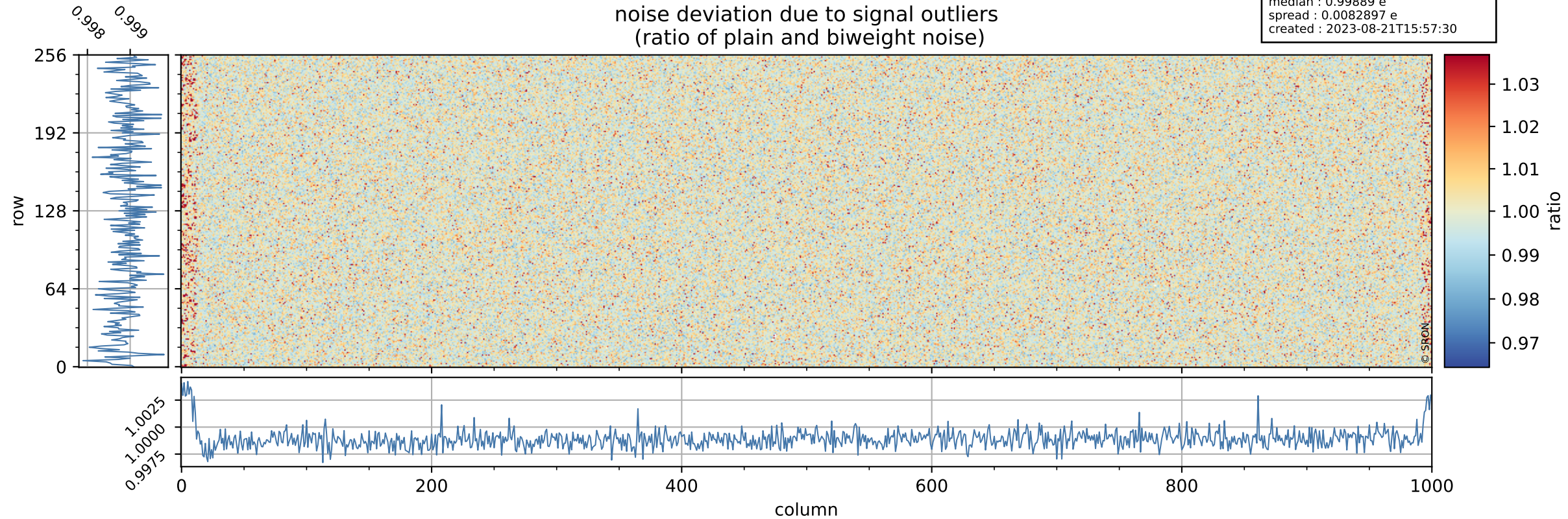
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

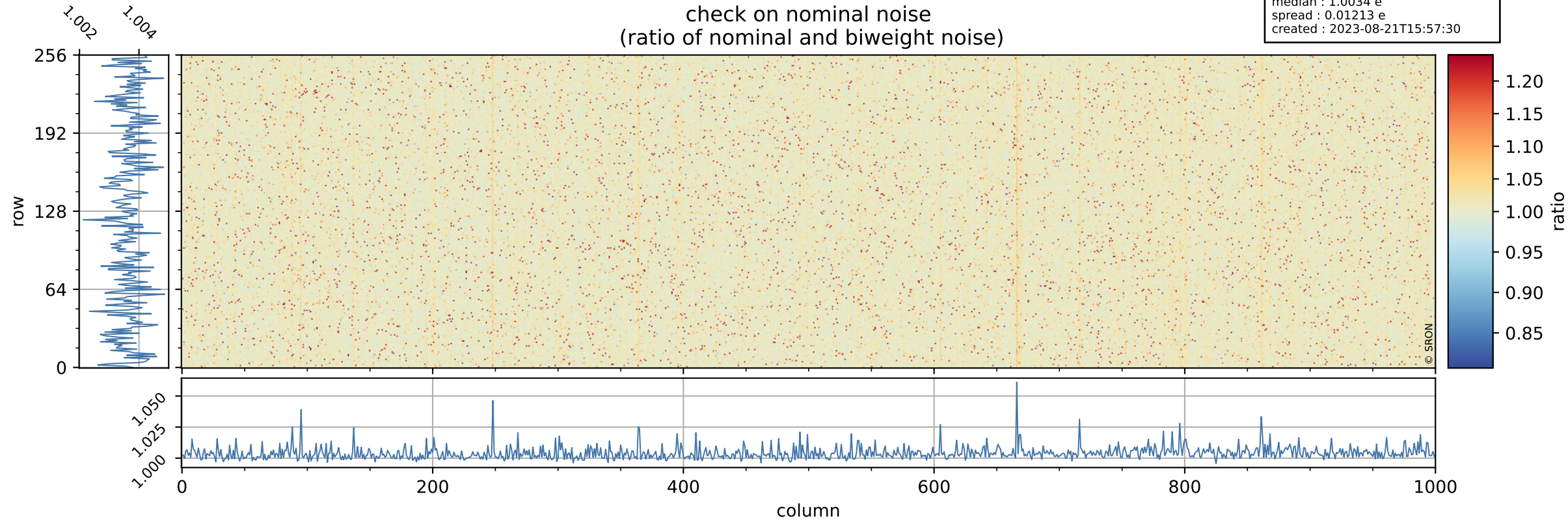
orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
median : 0.99889 e  
spread : 0.0082897 e  
created : 2023-08-21T15:57:30



# Tropomi SWIR background noise (swir)

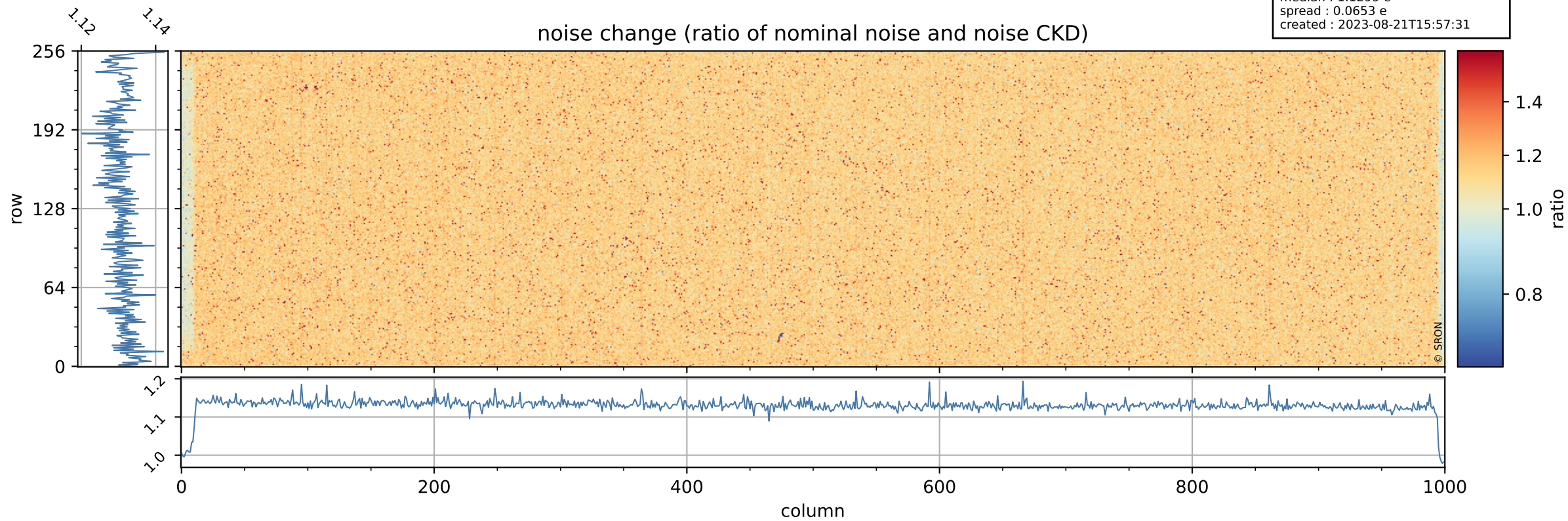
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
median : 1.0034 e  
spread : 0.01213 e  
created : 2023-08-21T15:57:30



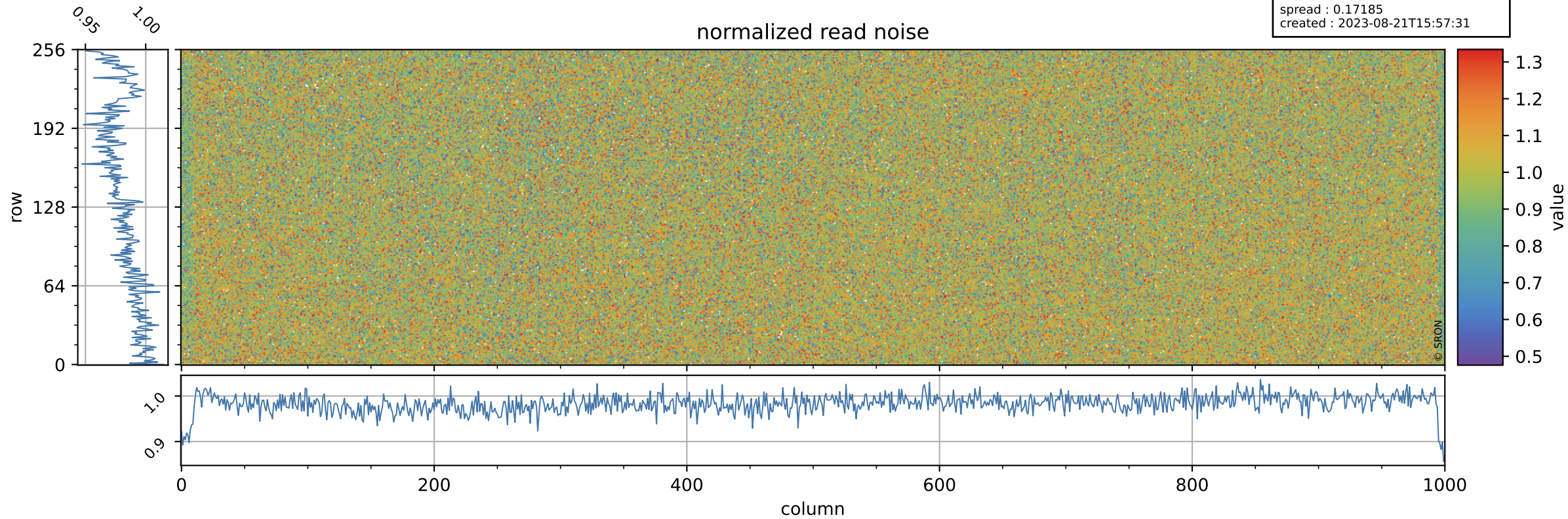
# Tropomi SWIR background noise (swir)

orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
median : 1.1299 e  
spread : 0.0653 e  
created : 2023-08-21T15:57:31



# Tropomi SWIR background noise (swir)

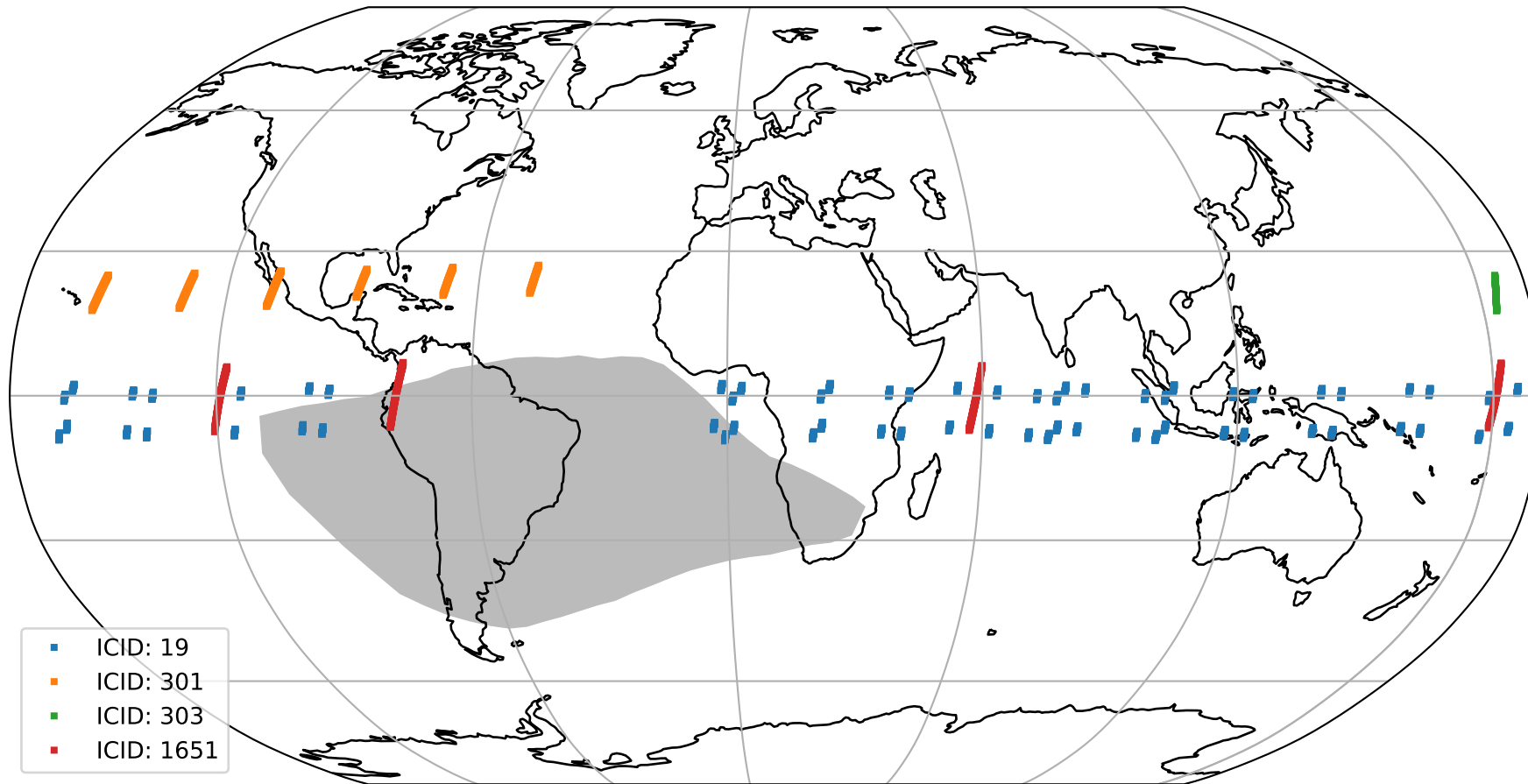
orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
median : 0.98152  
spread : 0.17185  
created : 2023-08-21T15:57:31





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

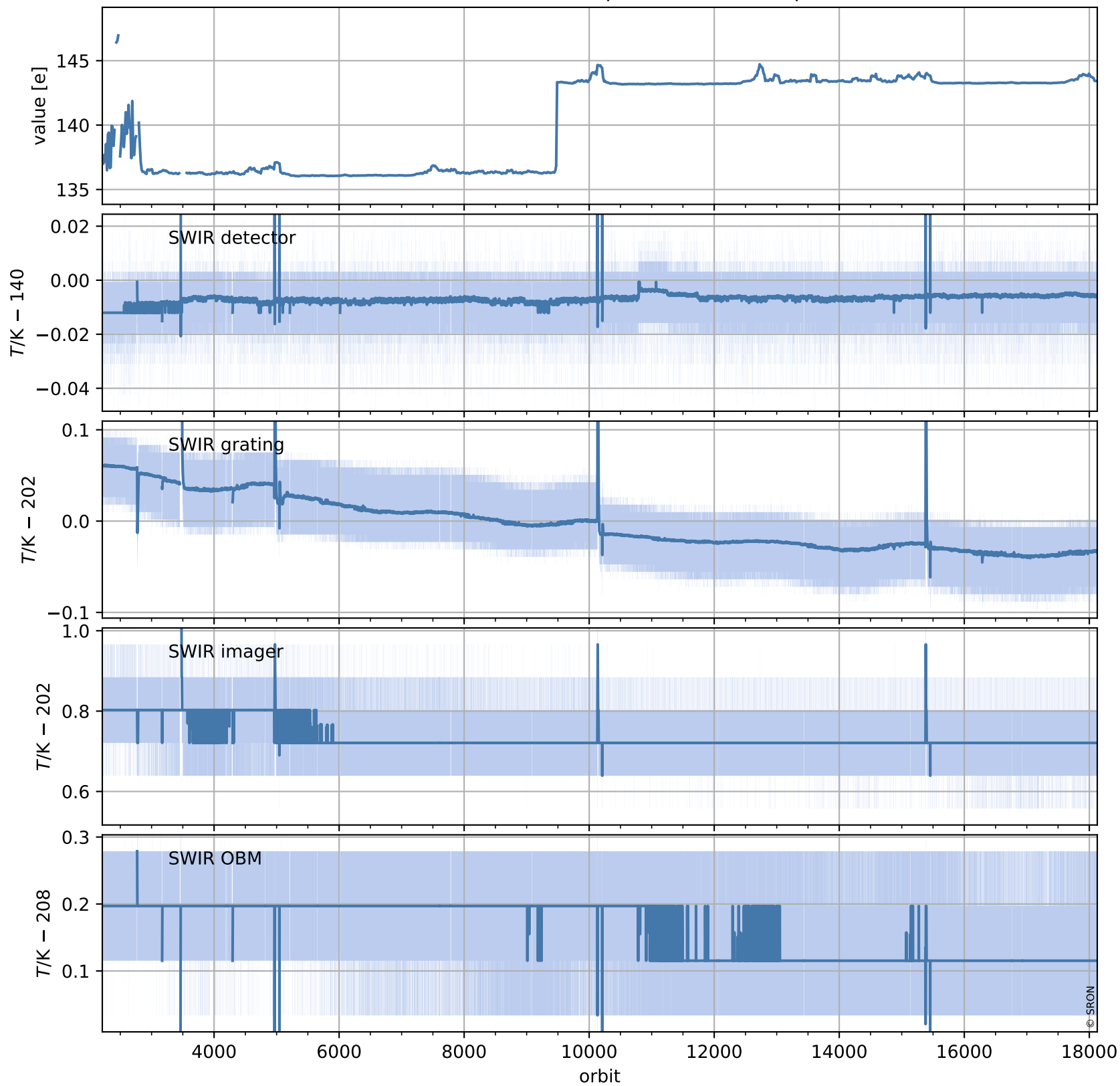
orbits : 11 in [18037, 18127]  
coverage : 2021-04-07 / 2021-04-12  
created : 2023-08-21T15:57:31



# Tropomi SWIR background noise (swir)

orbits : [2212, 18127]  
coverage : 2018-03-18 / 2021-04-12  
created : 2023-08-21T15:57:31

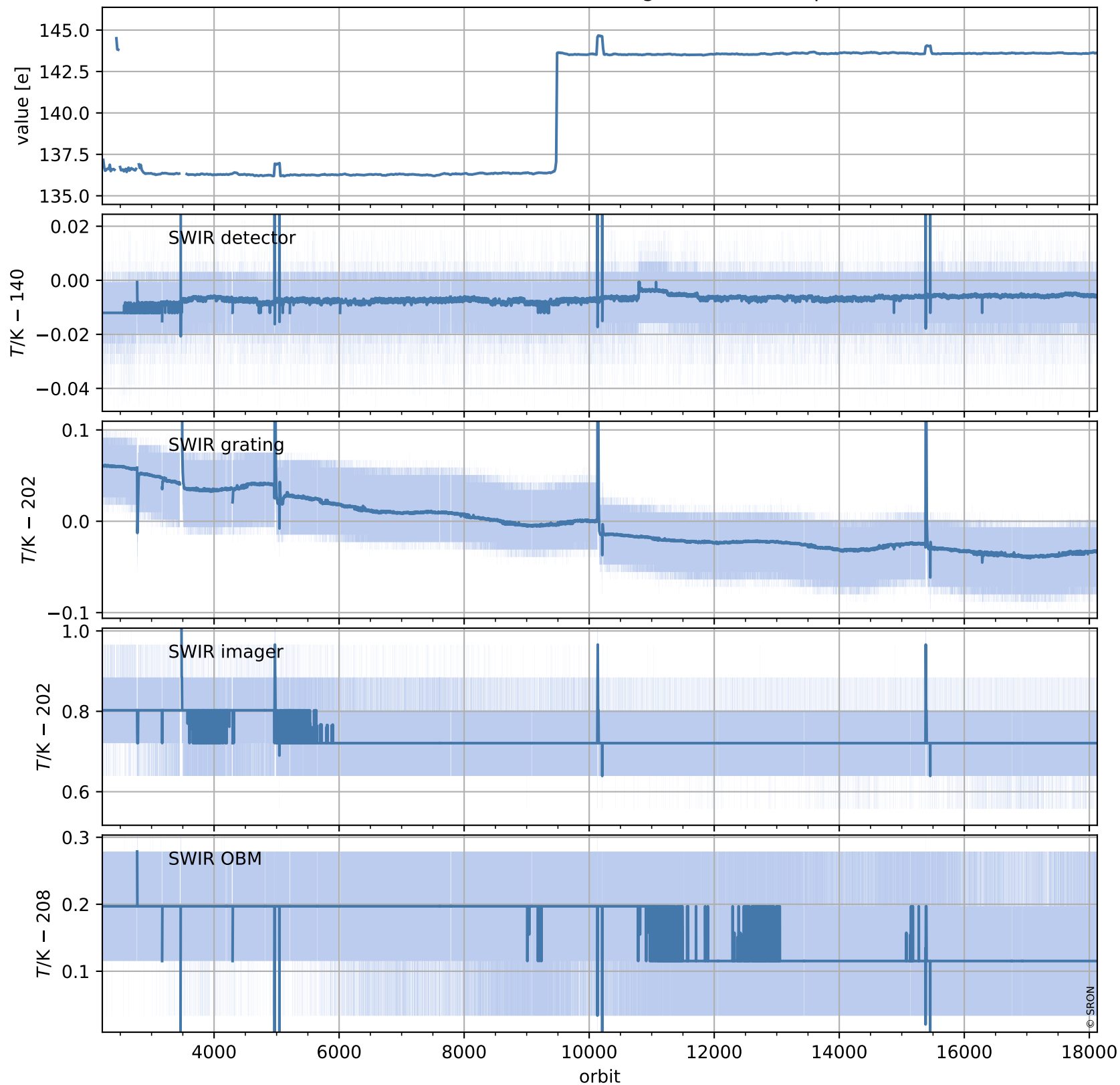
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18127]  
coverage : 2018-03-18 / 2021-04-12  
created : 2023-08-21T15:57:32

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18127]  
coverage : 2018-03-18 / 2021-04-12  
created : 2023-08-21T15:57:33

## trend of normalized read-noise & temperatures

