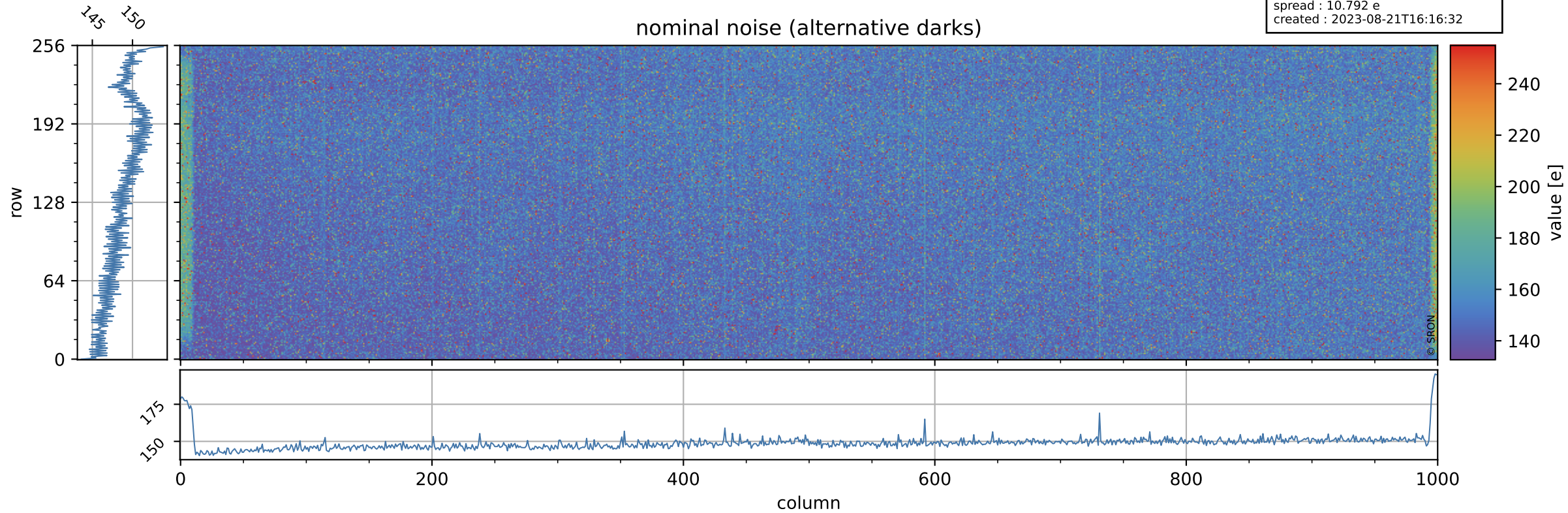


# Tropomi SWIR background noise (swir)

orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
n\_coad, t\_exp : 1, 1.0783  
median : 148.62 e  
spread : 10.792 e  
created : 2023-08-21T16:16:32

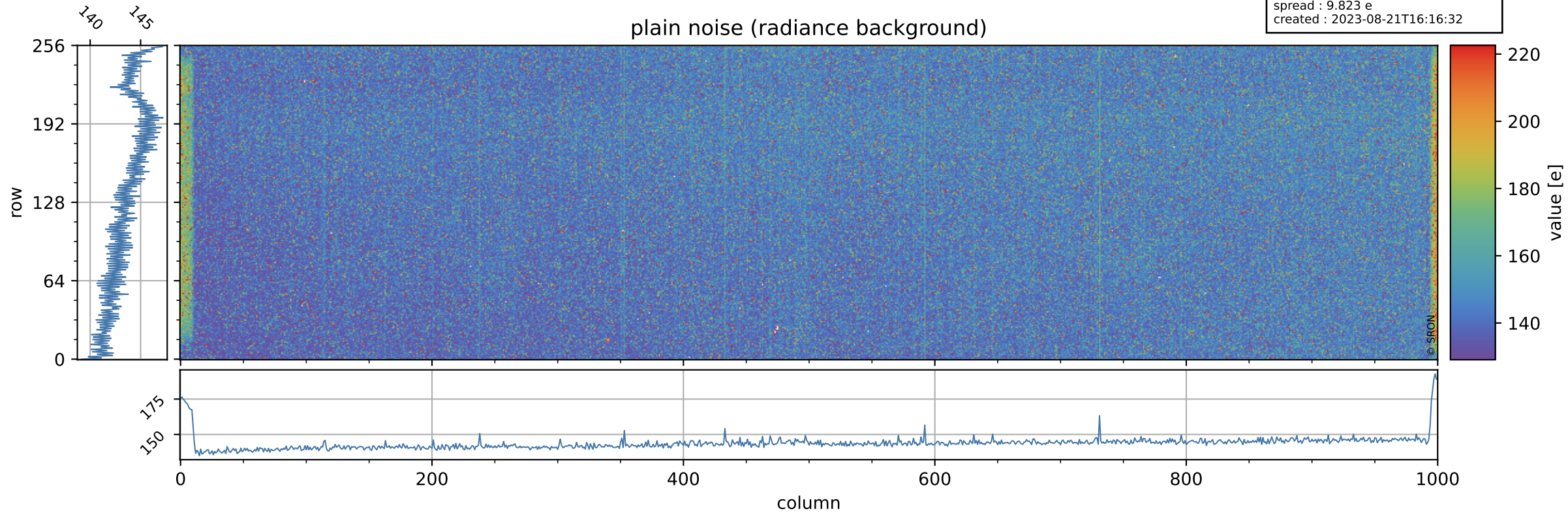
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.823 e  
created : 2023-08-21T16:16:32

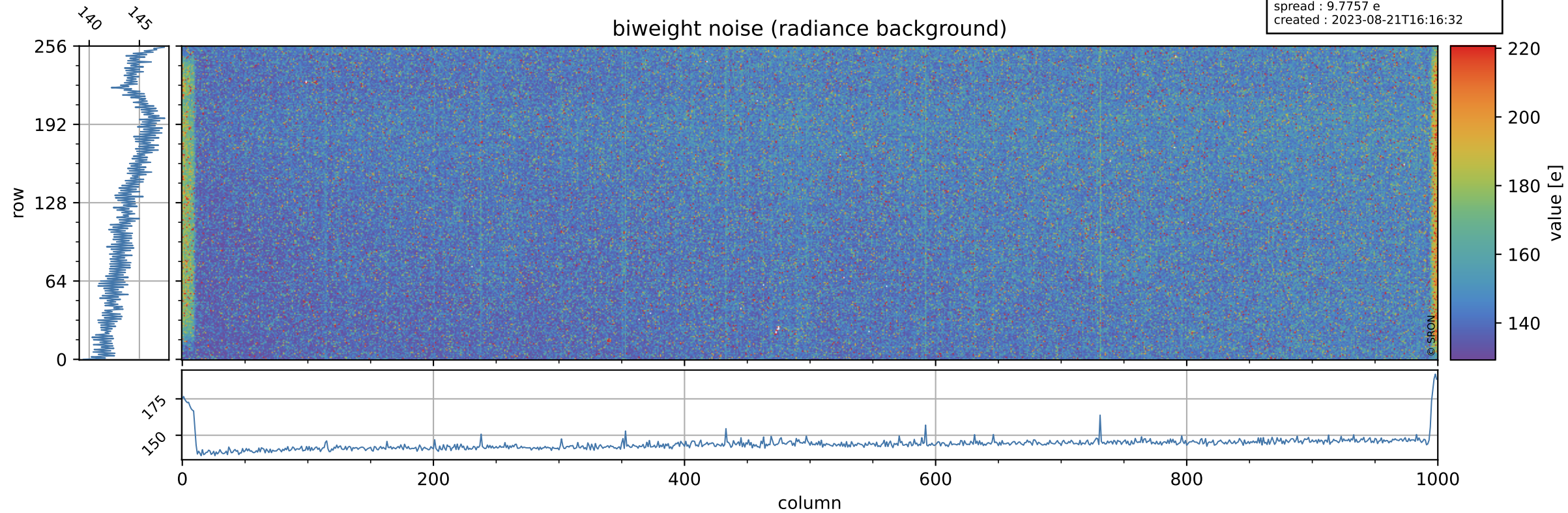
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 9.7757 e  
created : 2023-08-21T16:16:32

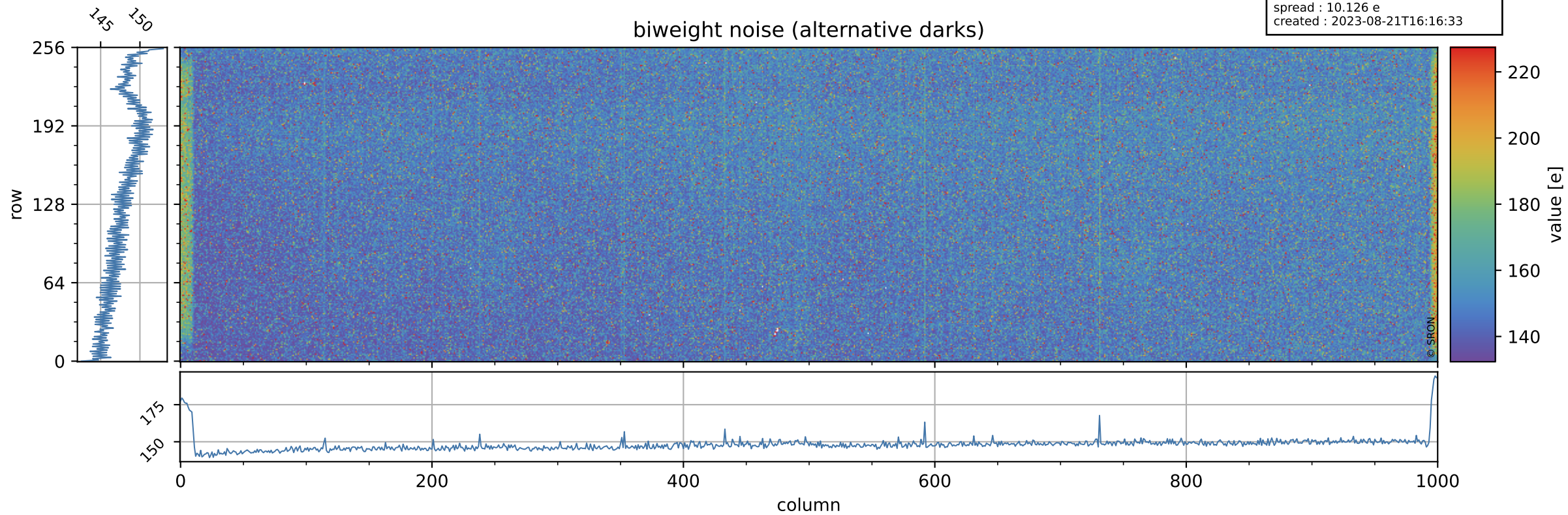
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.126 e  
created : 2023-08-21T16:16:33

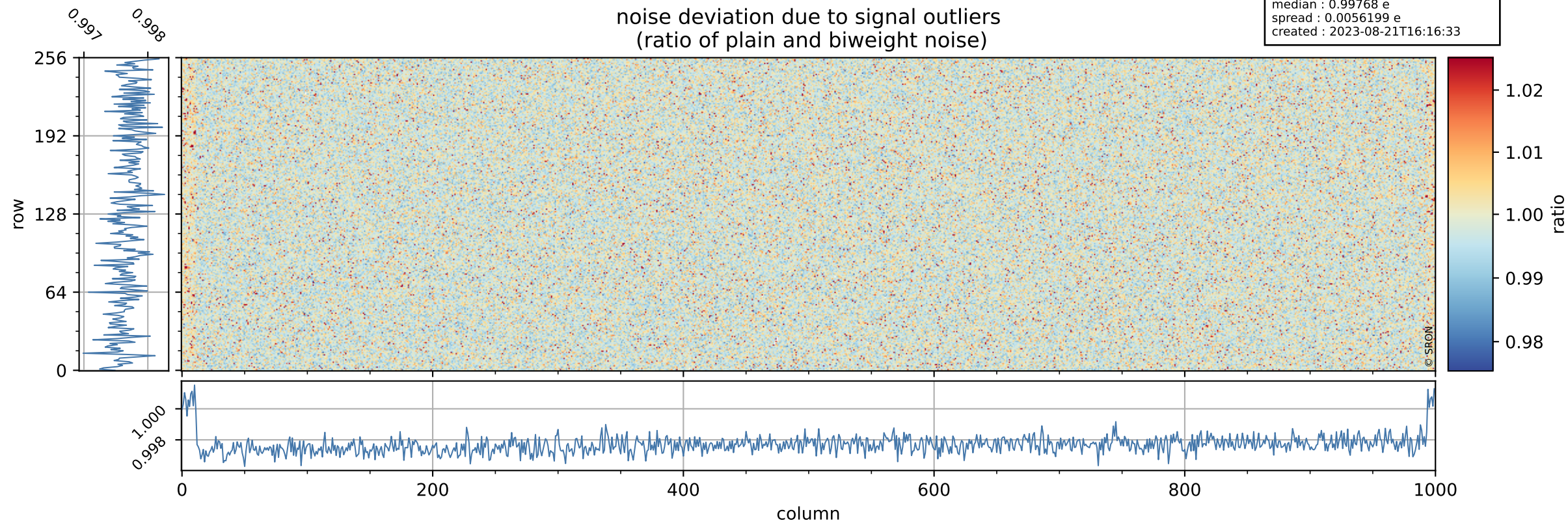
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

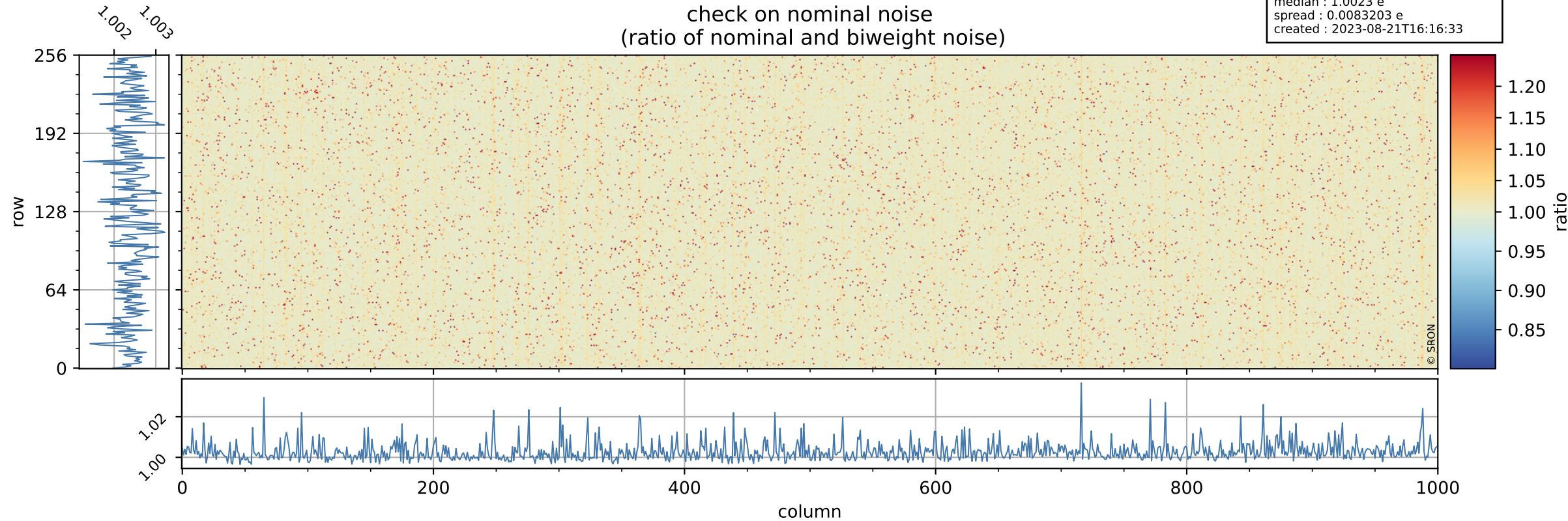
orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
median : 0.99768 e  
spread : 0.0056199 e  
created : 2023-08-21T16:16:33



# Tropomi SWIR background noise (swir)

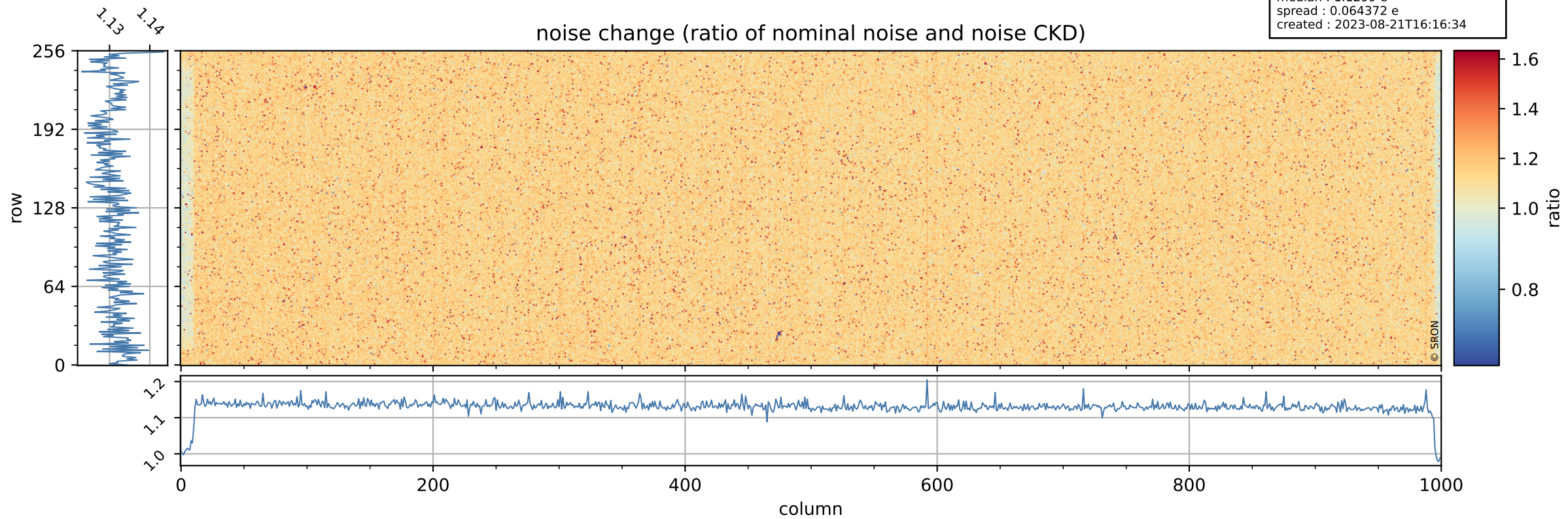
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
median : 1.0023 e  
spread : 0.0083203 e  
created : 2023-08-21T16:16:33



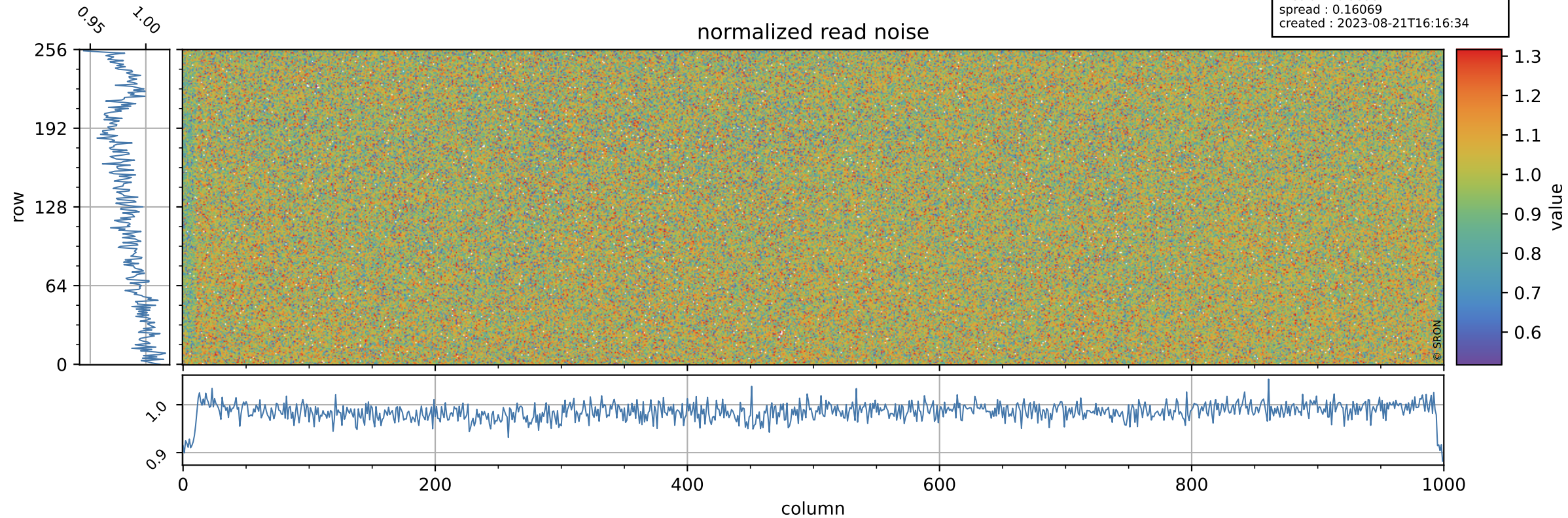
# Tropomi SWIR background noise (swir)

orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
median : 1.1299 e  
spread : 0.064372 e  
created : 2023-08-21T16:16:34



# Tropomi SWIR background noise (swir)

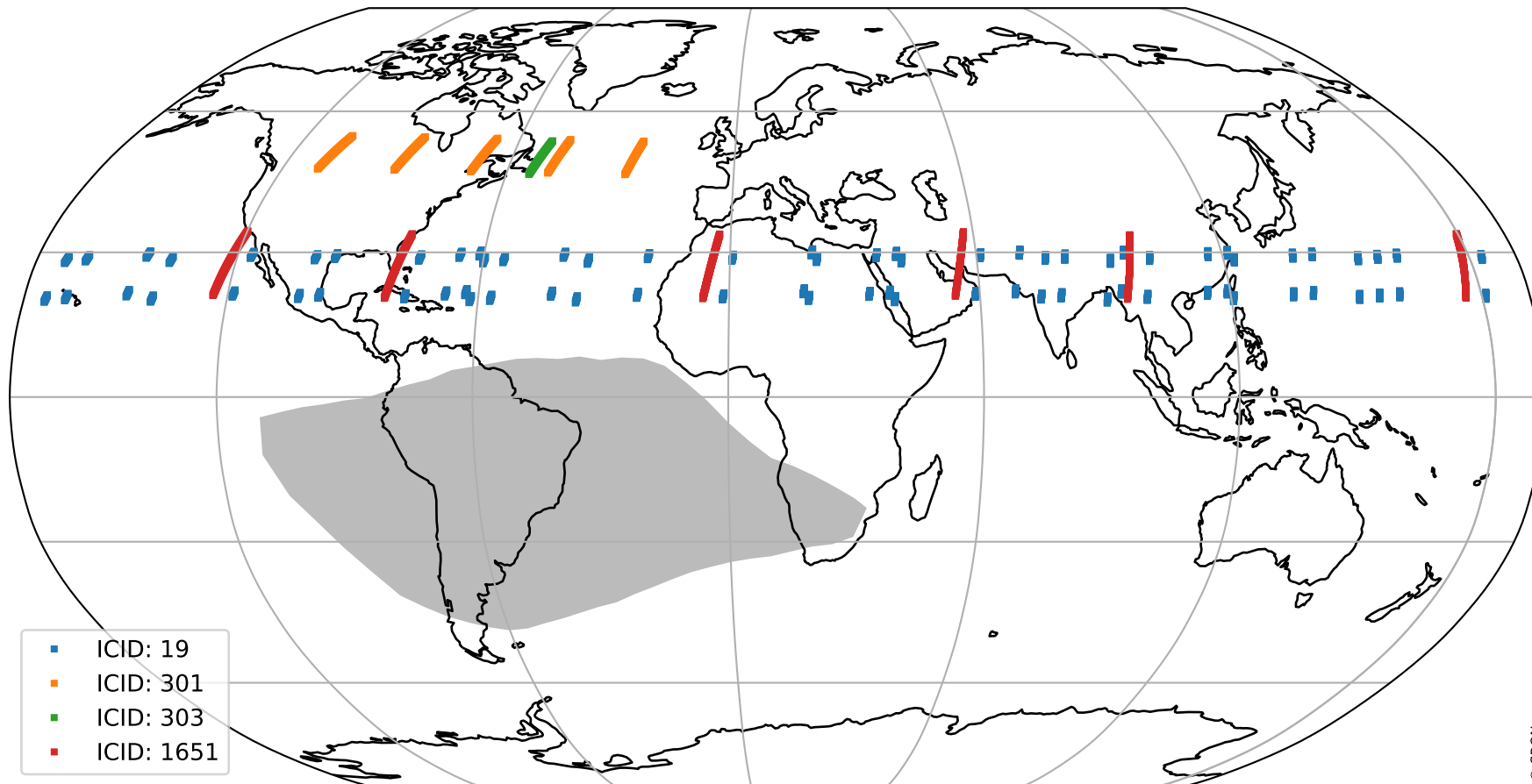
orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
median : 0.98384  
spread : 0.16069  
created : 2023-08-21T16:16:34





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

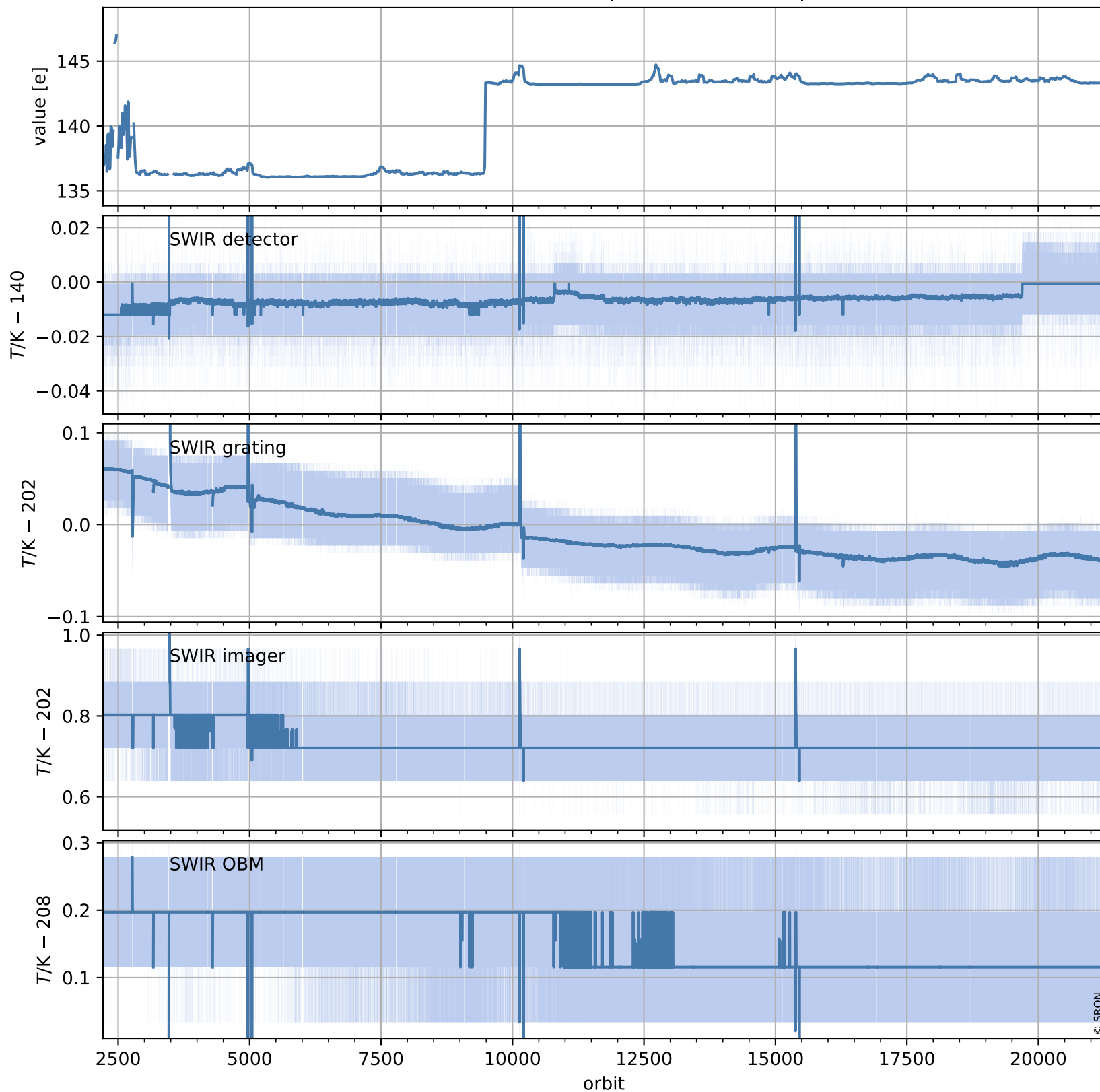
orbits : 12 in [21202, 21262]  
coverage : 2021-11-14 / 2021-11-18  
created : 2023-08-21T16:16:34



# Tropomi SWIR background noise (swir)

orbits : [2212, 21262]  
coverage : 2018-03-18 / 2021-11-18  
created : 2023-08-21T16:16:35

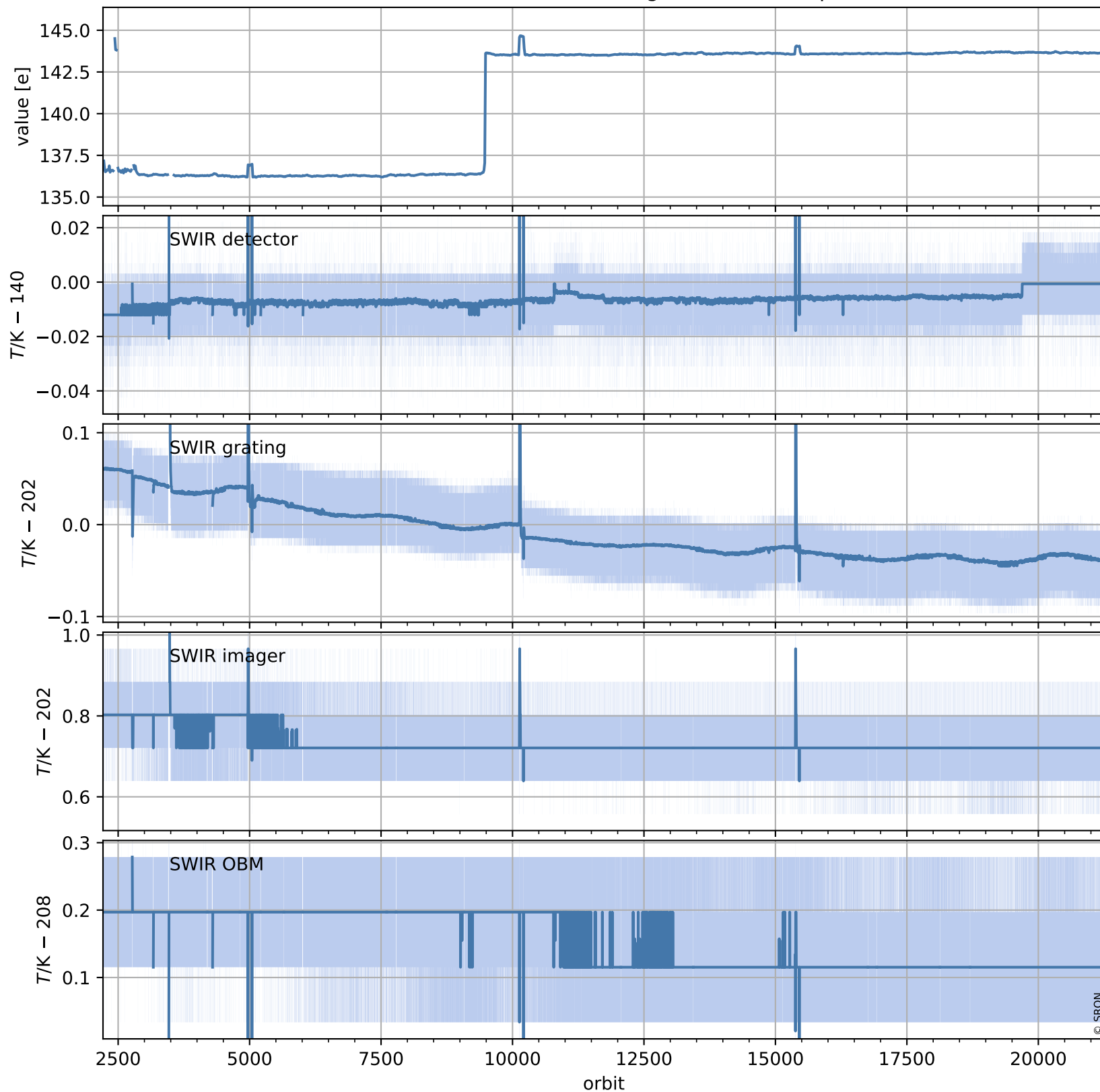
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21262]  
coverage : 2018-03-18 / 2021-11-18  
created : 2023-08-21T16:16:36

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21262]  
coverage : 2018-03-18 / 2021-11-18  
created : 2023-08-21T16:16:36

## trend of normalized read-noise & temperatures

