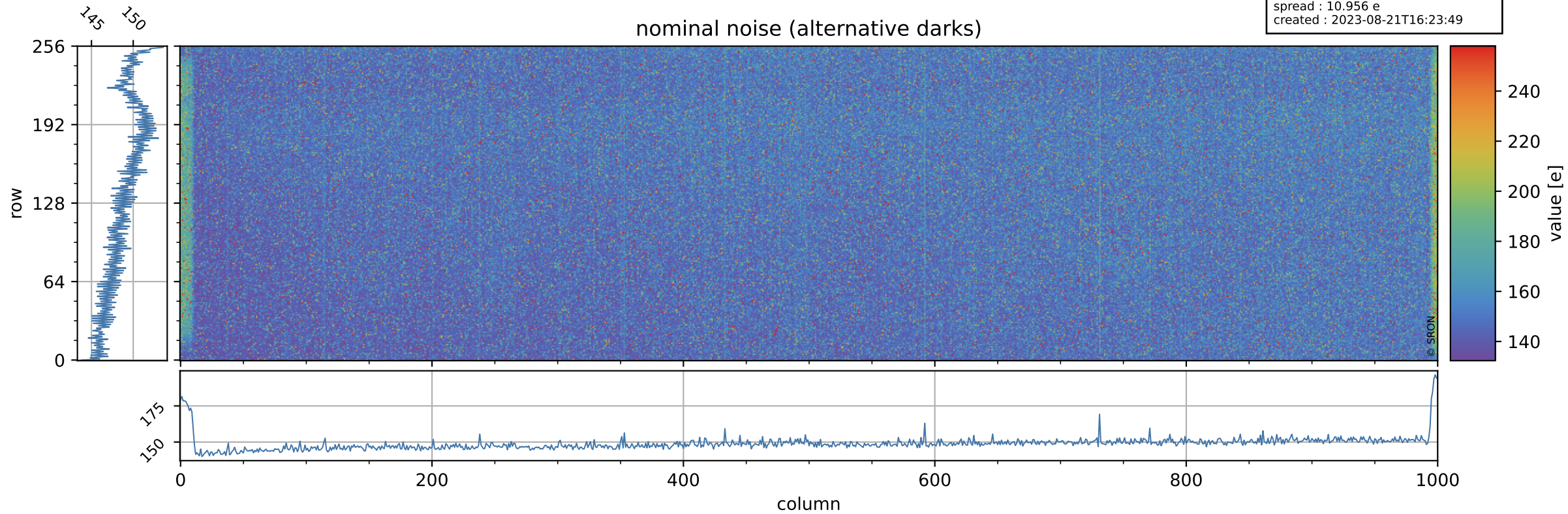


# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.74 e  
spread : 10.956 e  
created : 2023-08-21T16:23:49

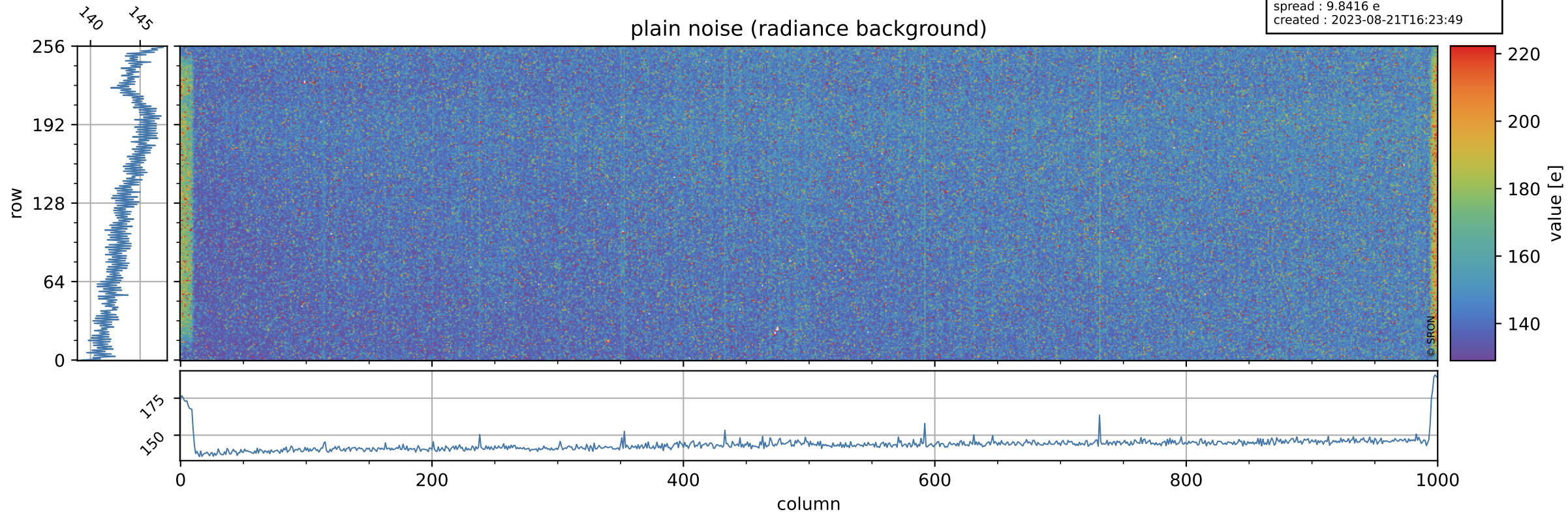
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.5 e  
spread : 9.8416 e  
created : 2023-08-21T16:23:49

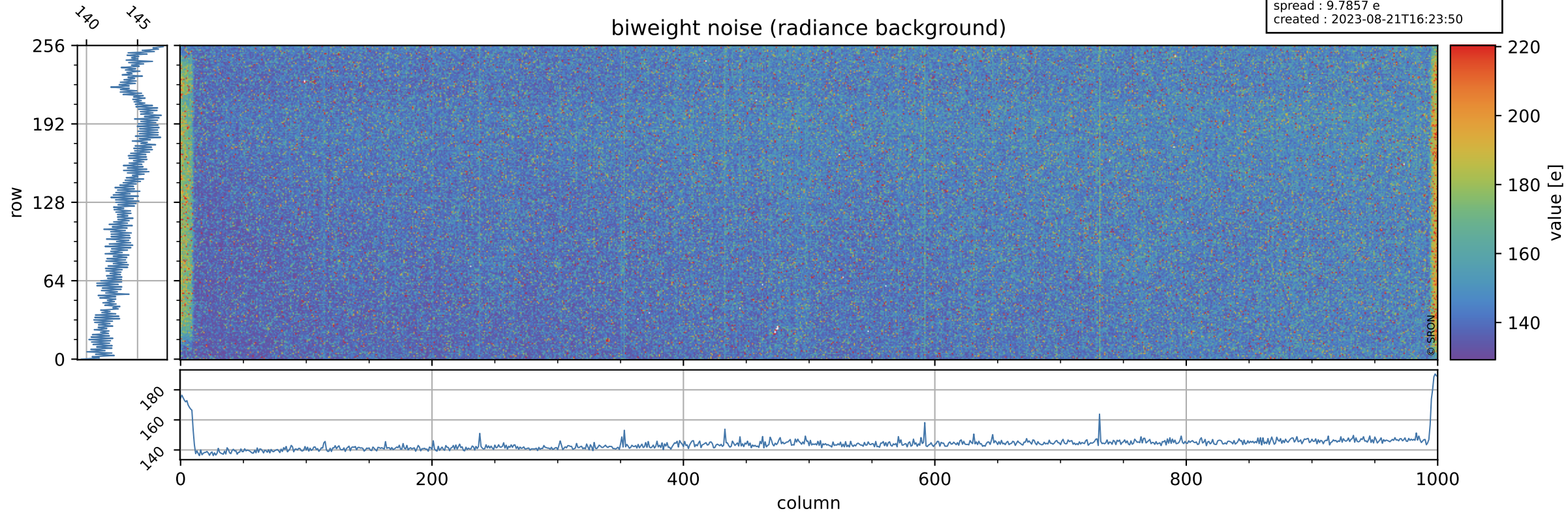
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 9.7857 e  
created : 2023-08-21T16:23:50

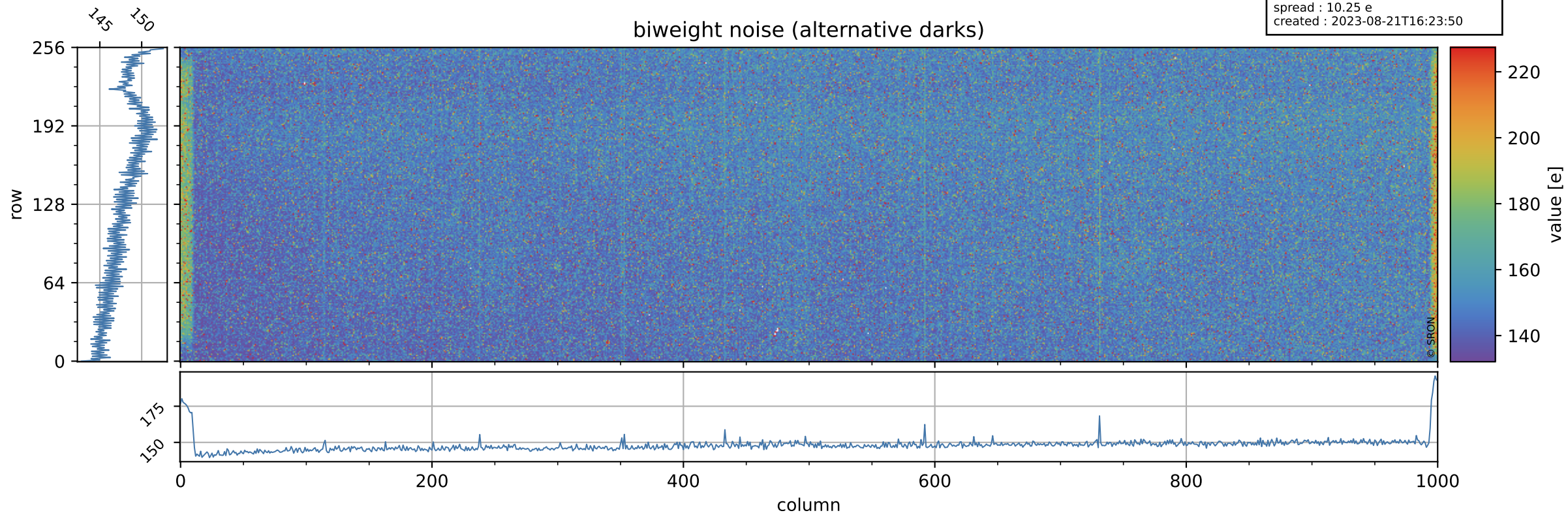
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.25 e  
created : 2023-08-21T16:23:50

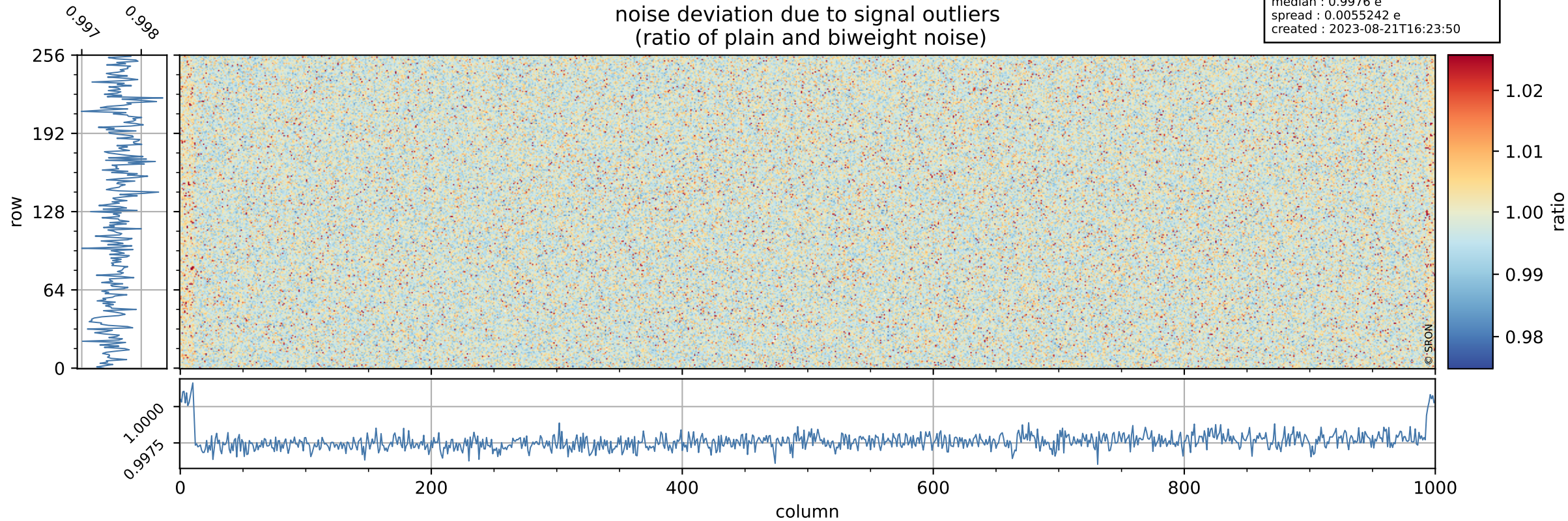
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

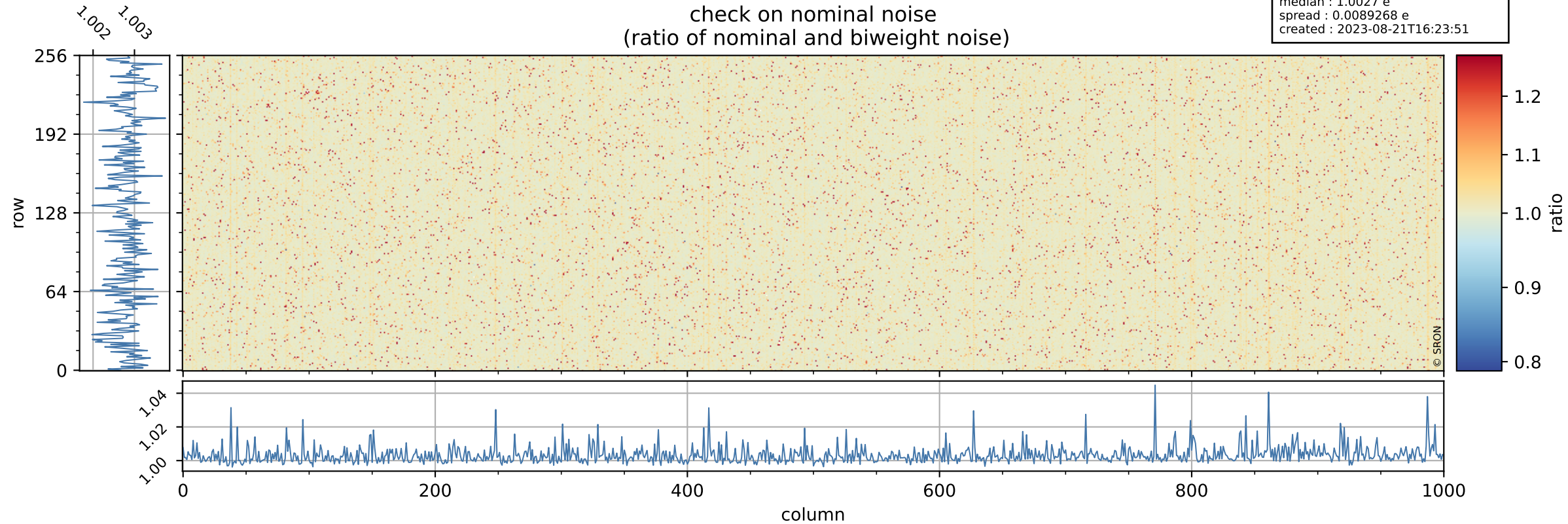
orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
median : 0.9976 e  
spread : 0.0055242 e  
created : 2023-08-21T16:23:50



# Tropomi SWIR background noise (swir)

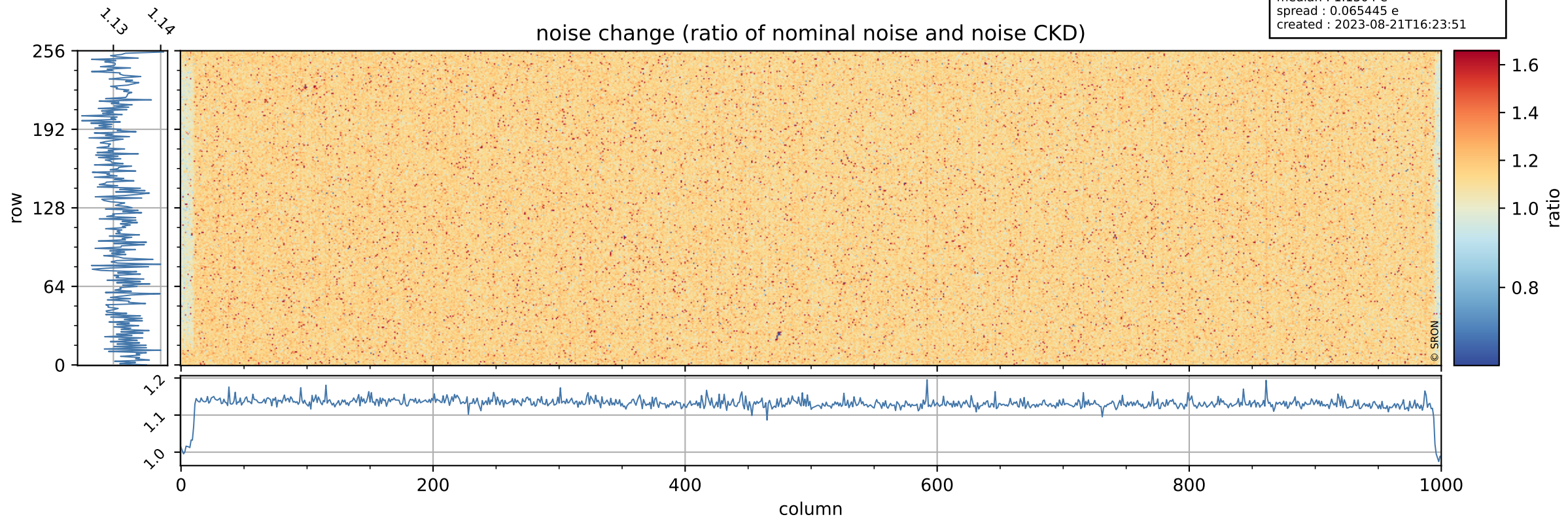
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
median : 1.0027 e  
spread : 0.0089268 e  
created : 2023-08-21T16:23:51



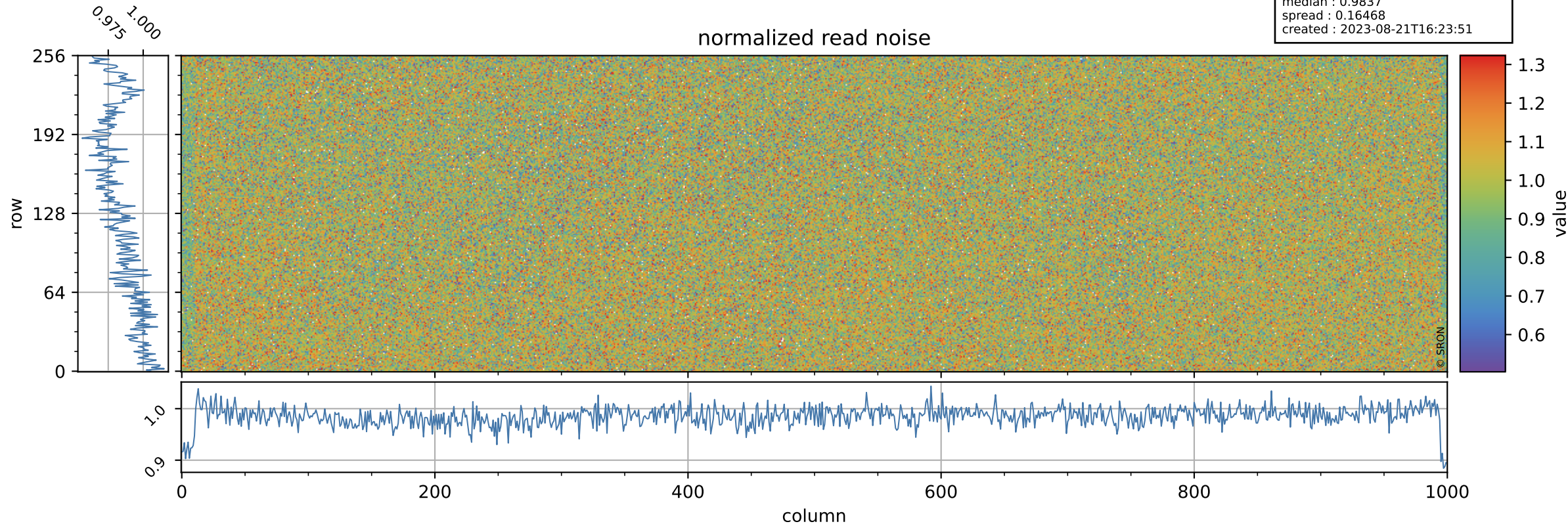
# Tropomi SWIR background noise (swir)

orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
median : 1.1304 e  
spread : 0.065445 e  
created : 2023-08-21T16:23:51



# Tropomi SWIR background noise (swir)

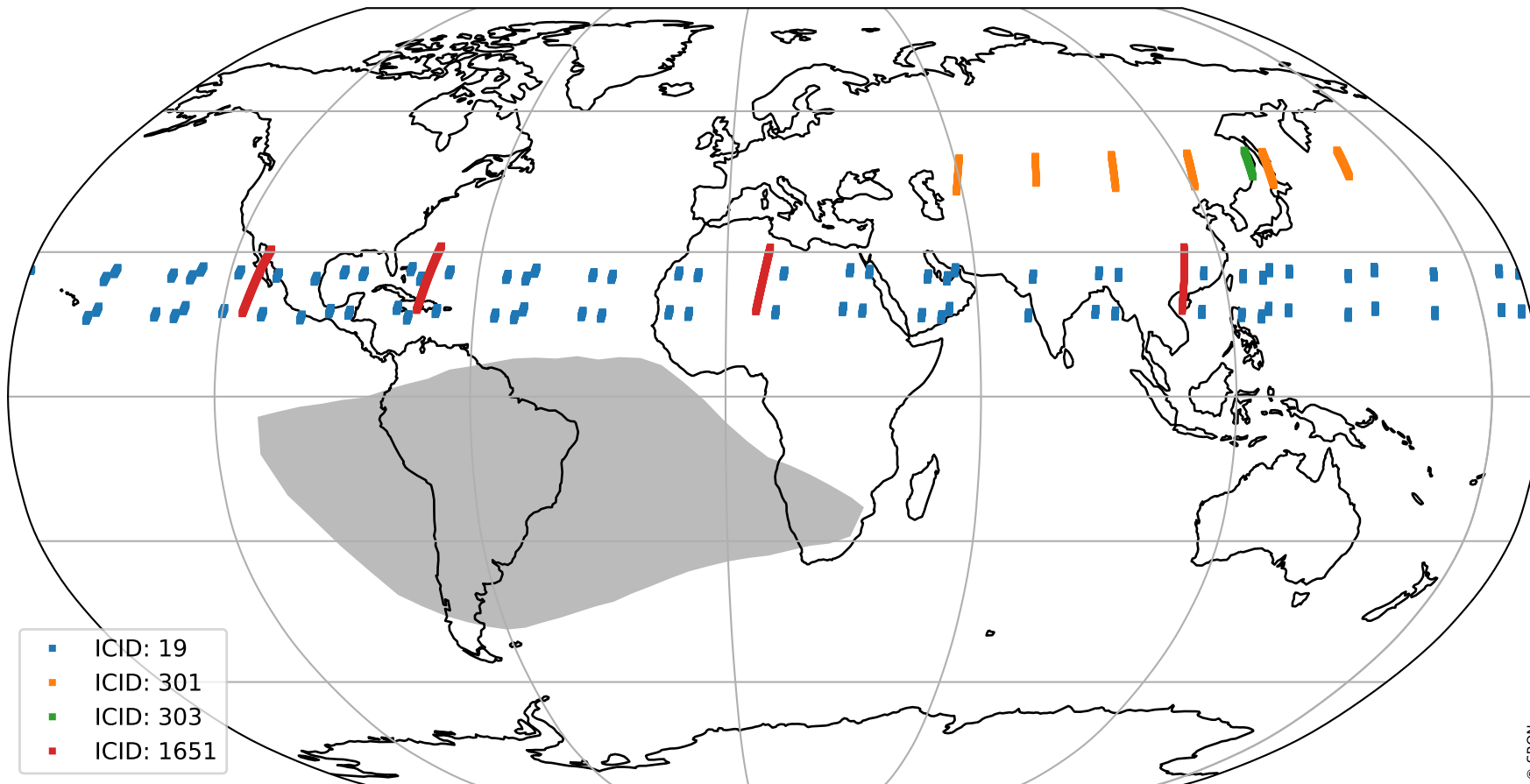
orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
median : 0.9837  
spread : 0.16468  
created : 2023-08-21T16:23:51





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

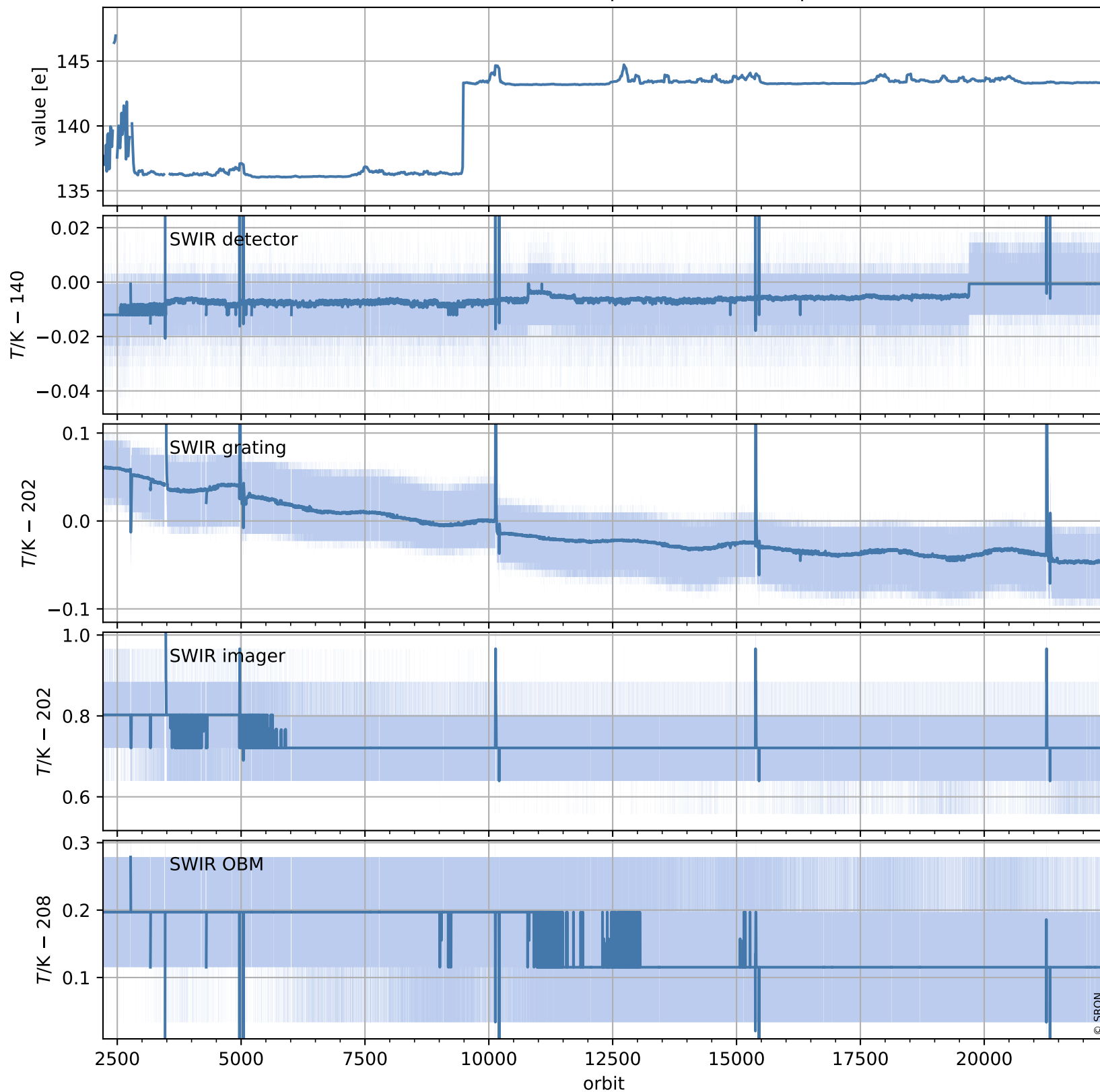
orbits : 11 in [22357, 22432]  
coverage : 2022-02-04 / 2022-02-09  
created : 2023-08-21T16:23:51



# Tropomi SWIR background noise (swir)

orbits : [2212, 22432]  
coverage : 2018-03-18 / 2022-02-09  
created : 2023-08-21T16:23:52

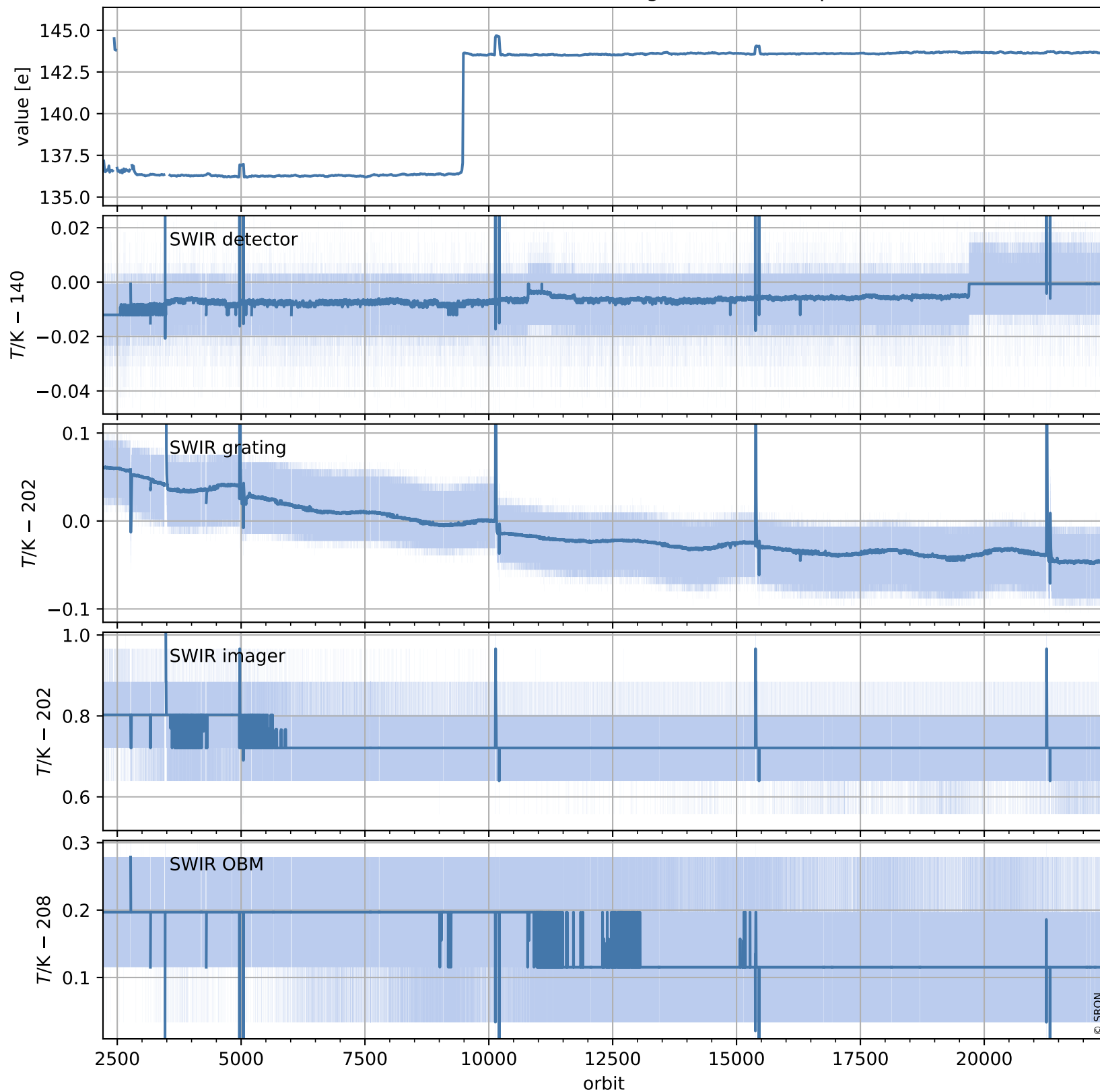
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22432]  
coverage : 2018-03-18 / 2022-02-09  
created : 2023-08-21T16:23:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22432]  
coverage : 2018-03-18 / 2022-02-09  
created : 2023-08-21T16:23:54

## trend of normalized read-noise & temperatures

