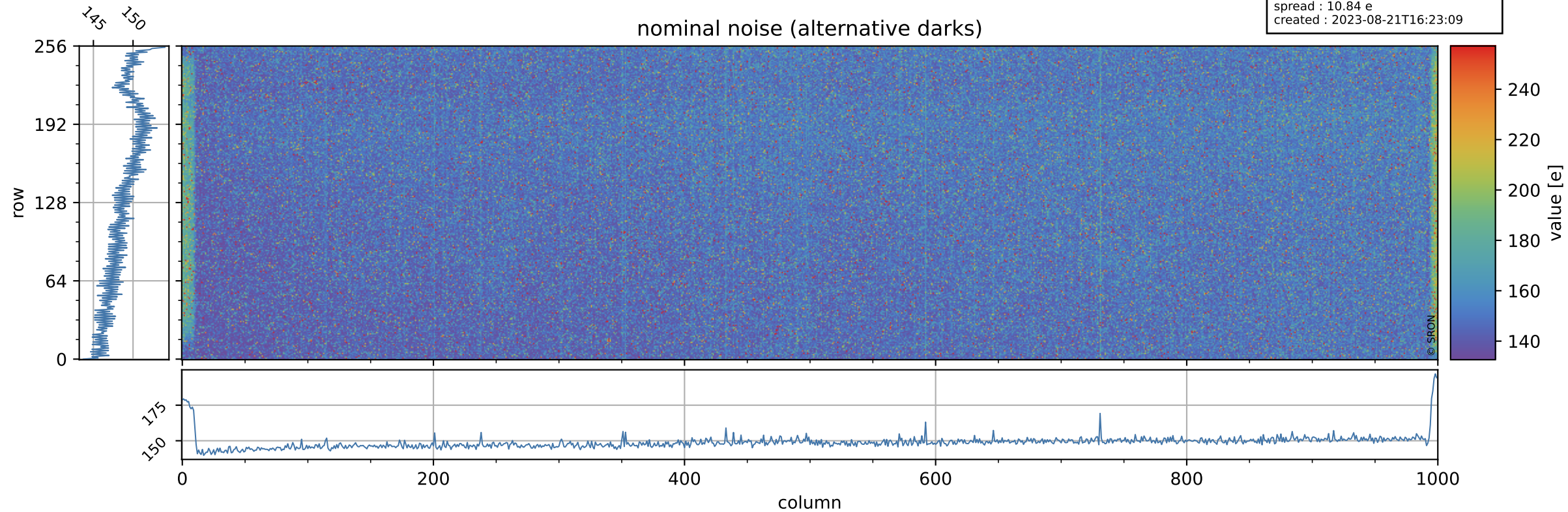


# Tropomi SWIR background noise (swir)

orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.7 e  
spread : 10.84 e  
created : 2023-08-21T16:23:09

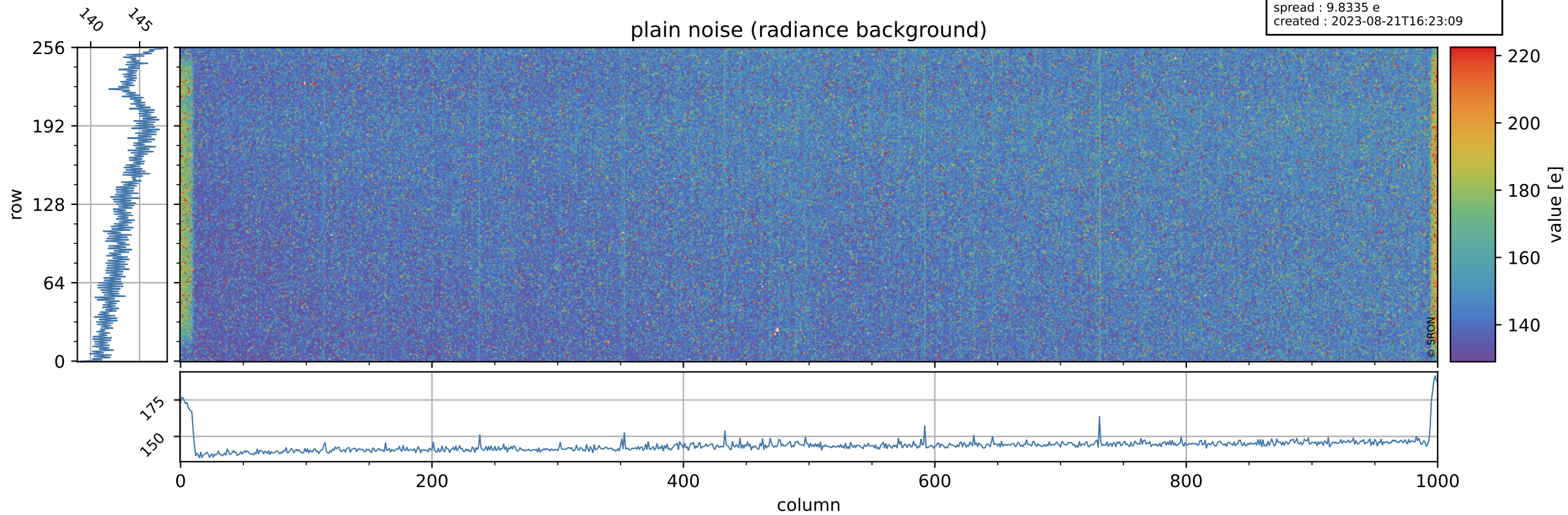
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.48 e  
spread : 9.8335 e  
created : 2023-08-21T16:23:09

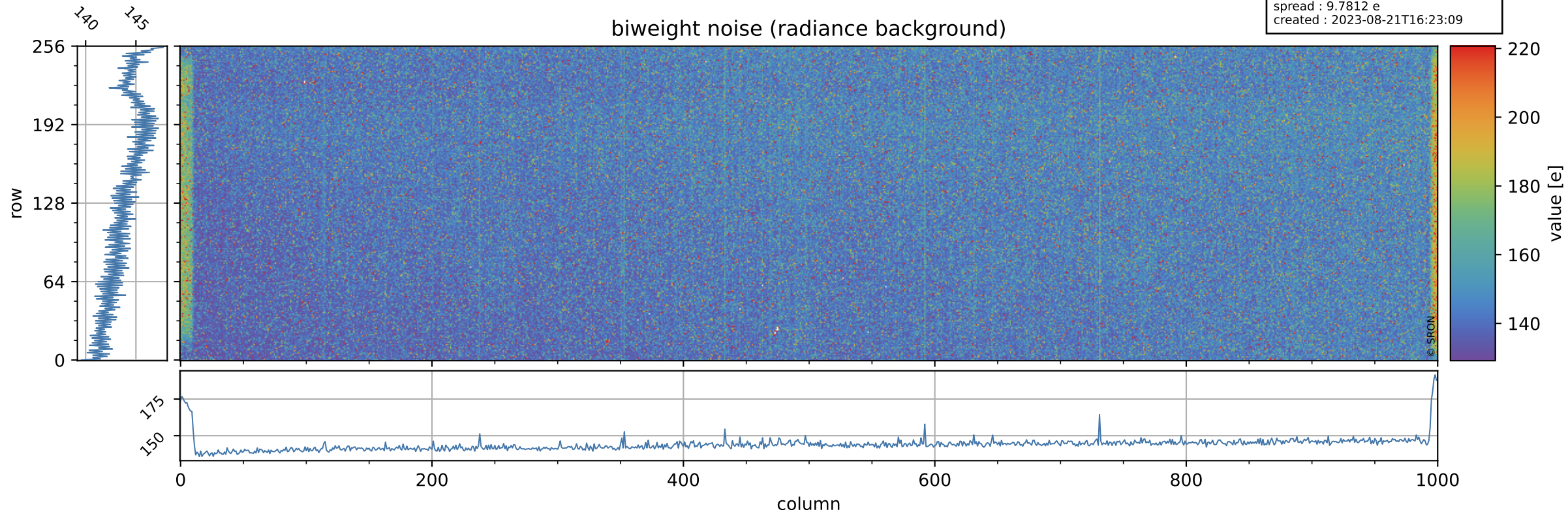
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.79 e  
spread : 9.7812 e  
created : 2023-08-21T16:23:09

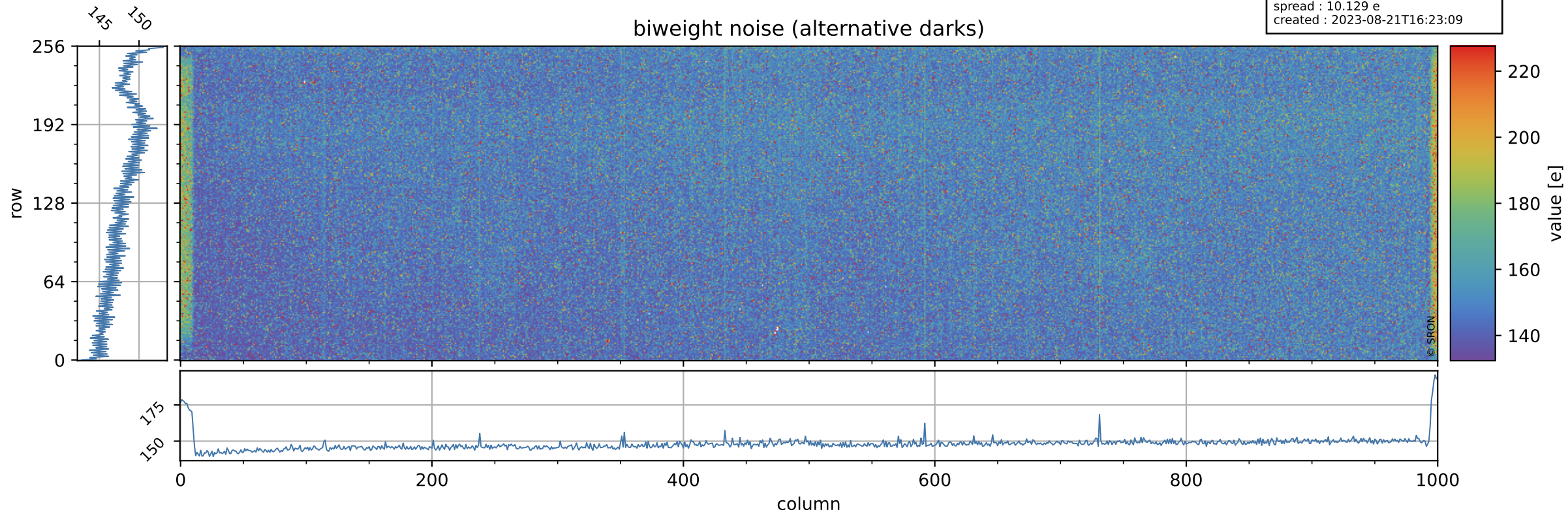
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.129 e  
created : 2023-08-21T16:23:09

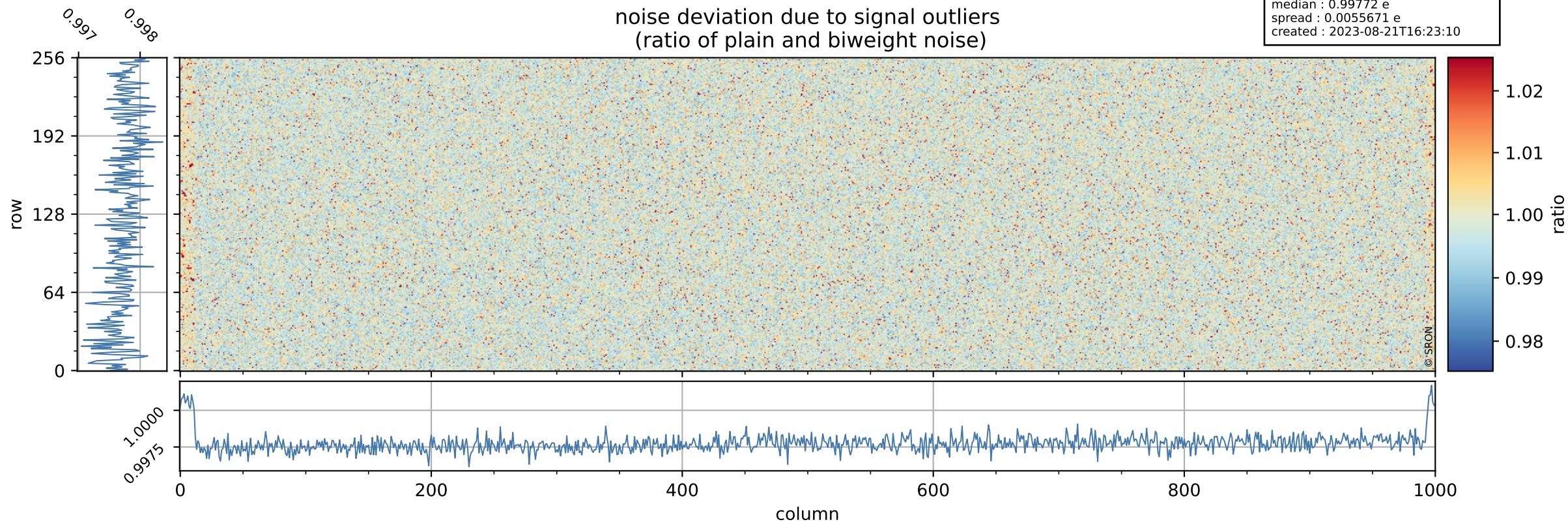
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

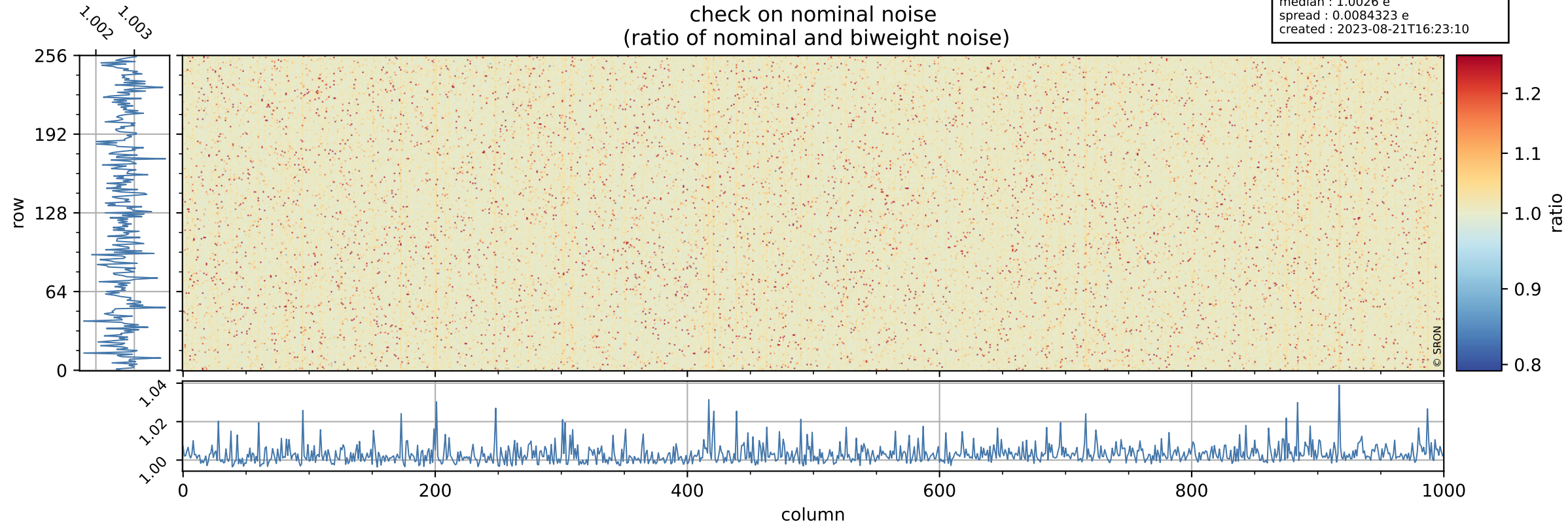
orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
median : 0.99772 e  
spread : 0.0055671 e  
created : 2023-08-21T16:23:10



# Tropomi SWIR background noise (swir)

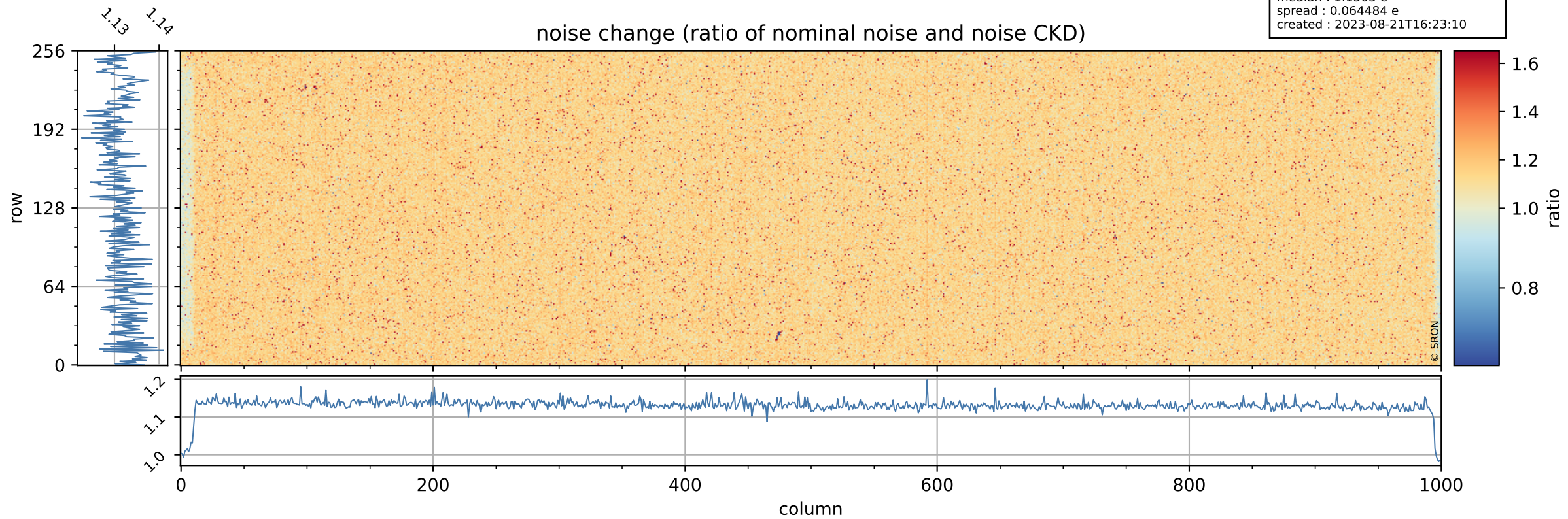
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
median : 1.0026 e  
spread : 0.0084323 e  
created : 2023-08-21T16:23:10



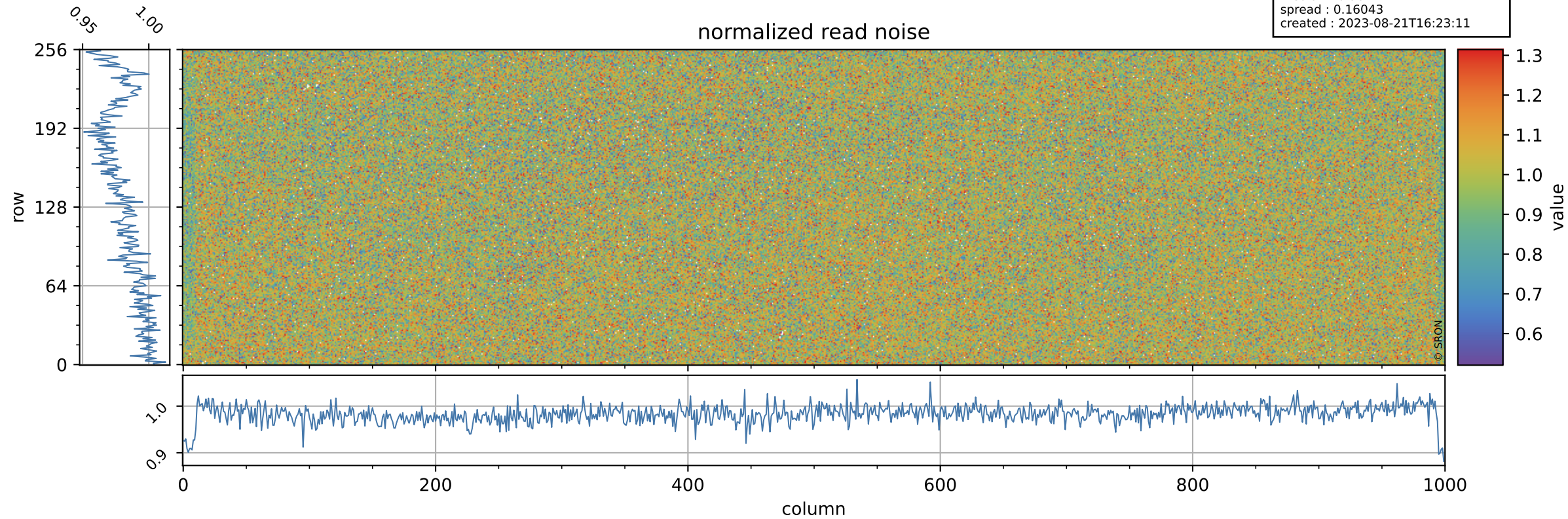
# Tropomi SWIR background noise (swir)

orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
median : 1.1303 e  
spread : 0.064484 e  
created : 2023-08-21T16:23:10



# Tropomi SWIR background noise (swir)

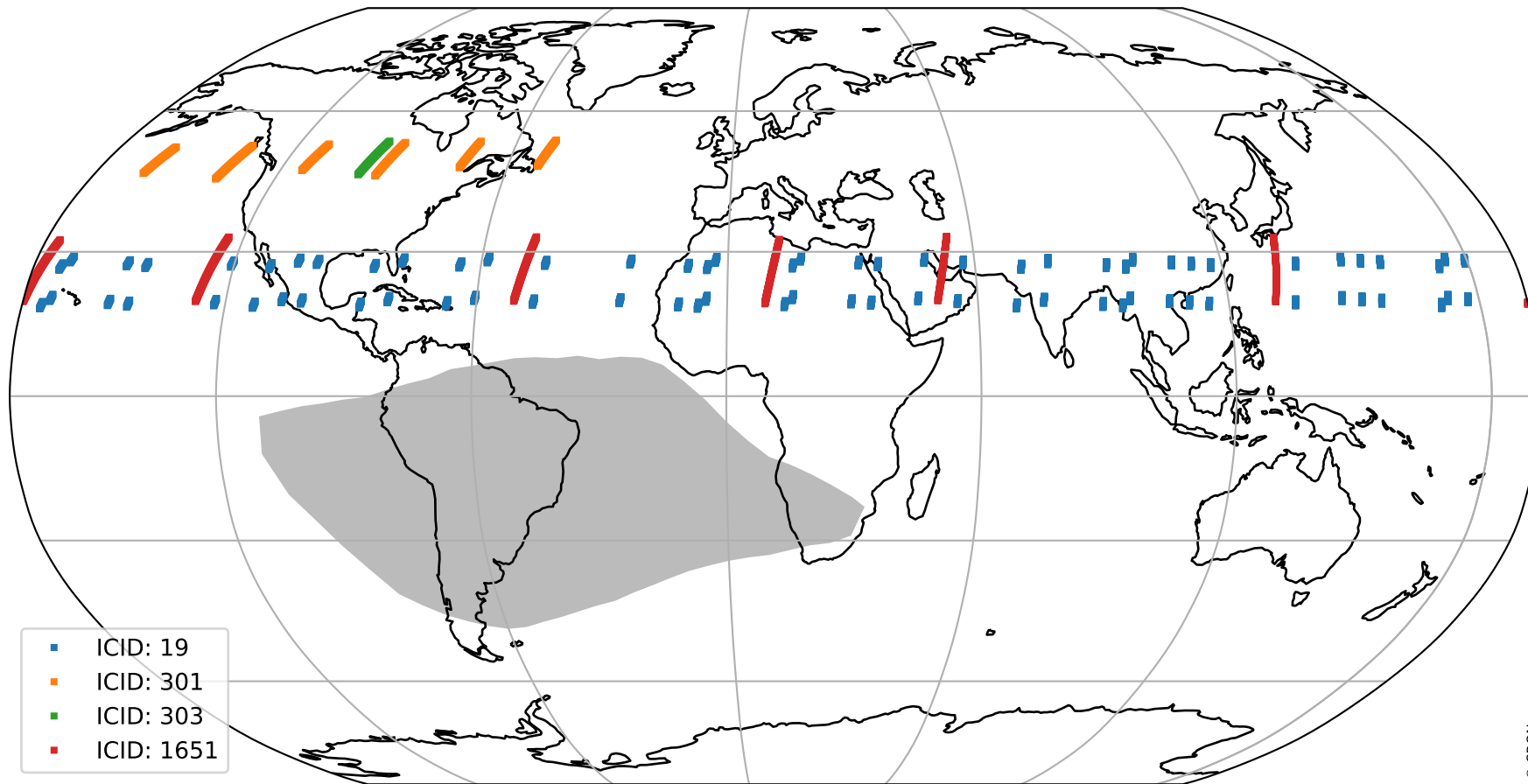
orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
median : 0.98174  
spread : 0.16043  
created : 2023-08-21T16:23:11





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

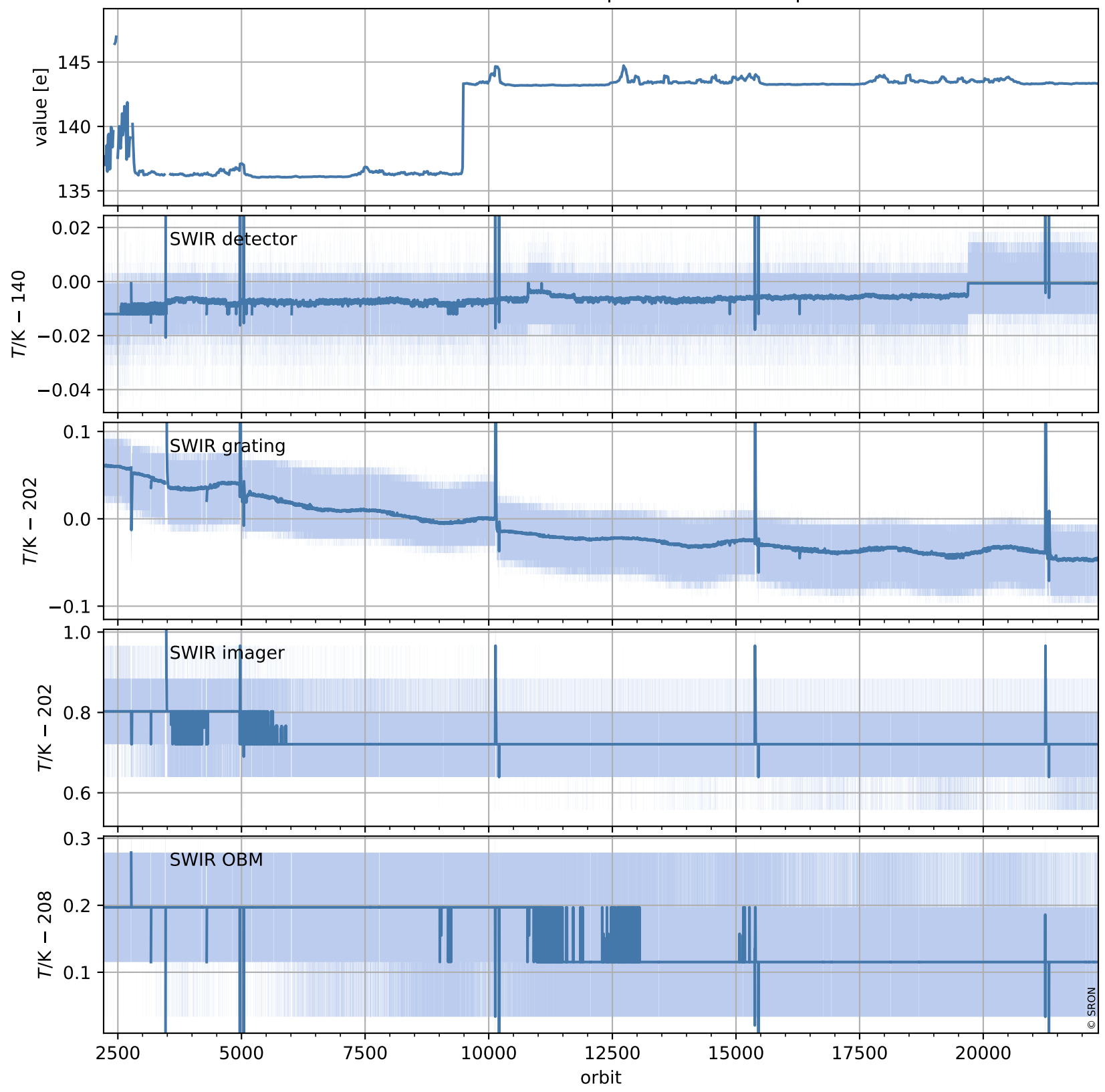
orbits : 13 in [22252, 22327]  
coverage : 2022-01-28 / 2022-02-02  
created : 2023-08-21T16:23:11



# Tropomi SWIR background noise (swir)

orbits : [2212, 22327]  
coverage : 2018-03-18 / 2022-02-02  
created : 2023-08-21T16:23:11

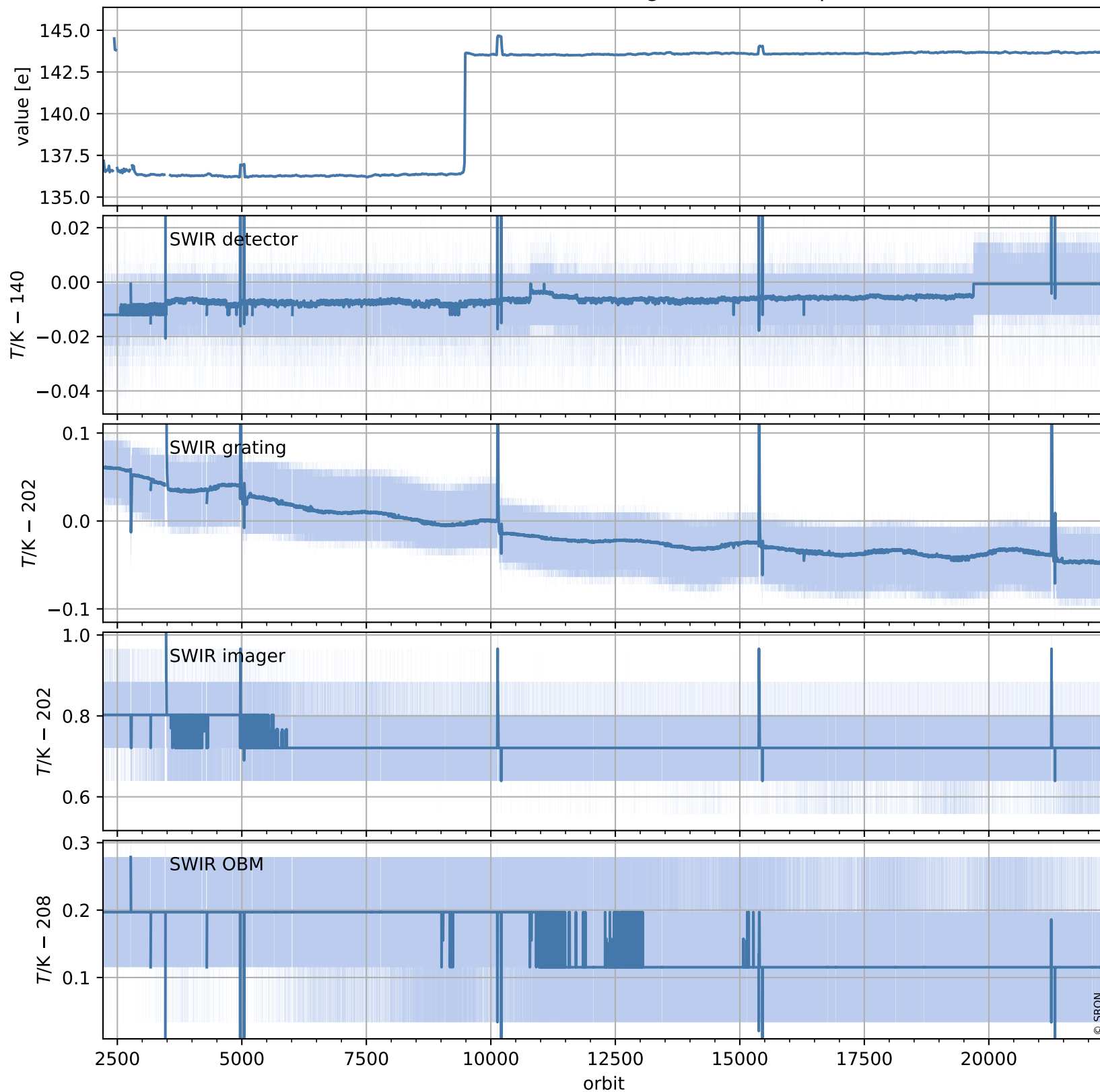
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22327]  
coverage : 2018-03-18 / 2022-02-02  
created : 2023-08-21T16:23:12

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22327]  
coverage : 2018-03-18 / 2022-02-02  
created : 2023-08-21T16:23:13

## trend of normalized read-noise & temperatures

