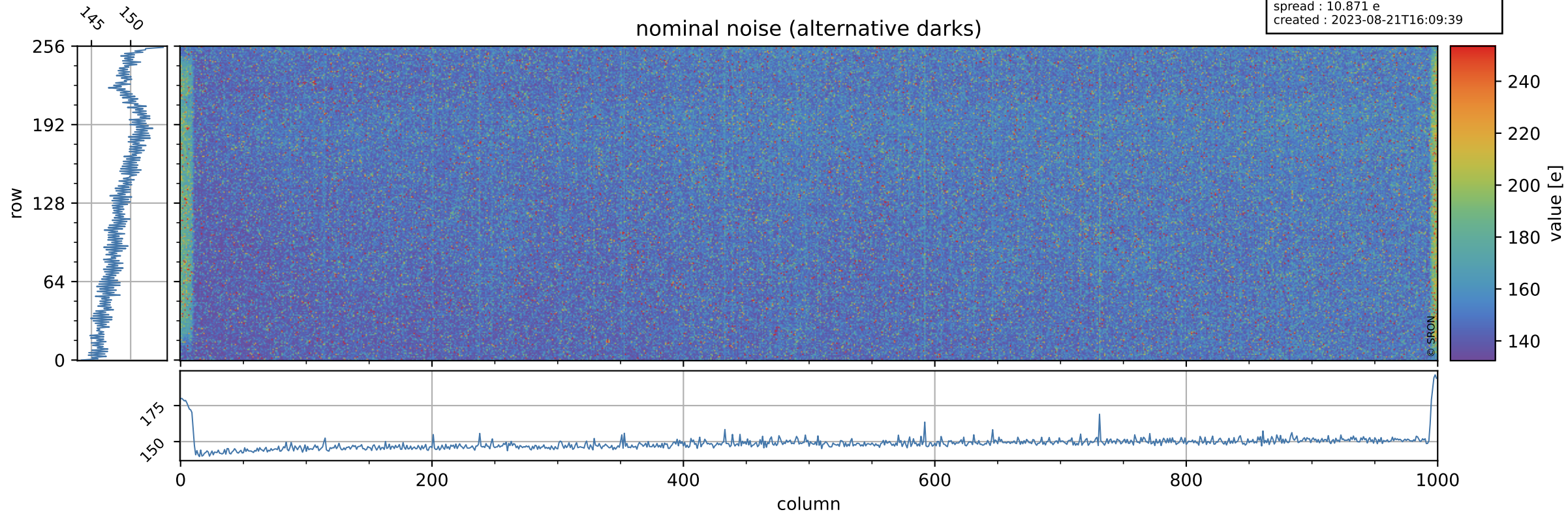


# Tropomi SWIR background noise (swir)

orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.68 e  
spread : 10.871 e  
created : 2023-08-21T16:09:39

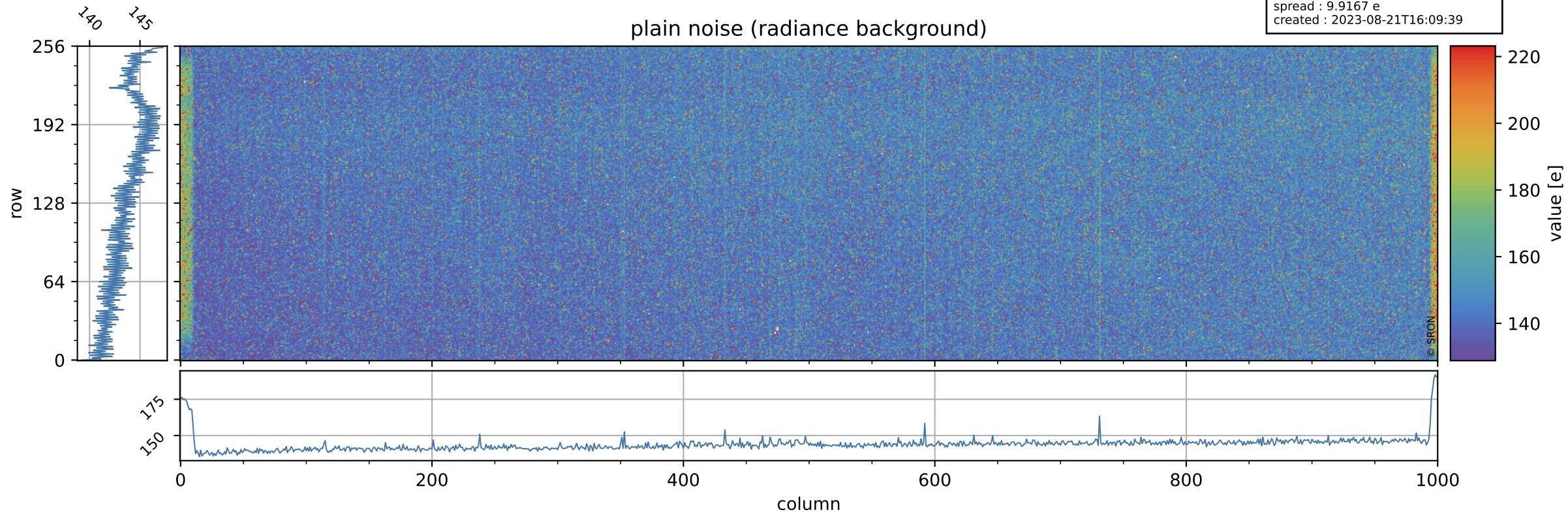
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.58 e  
spread : 9.9167 e  
created : 2023-08-21T16:09:39

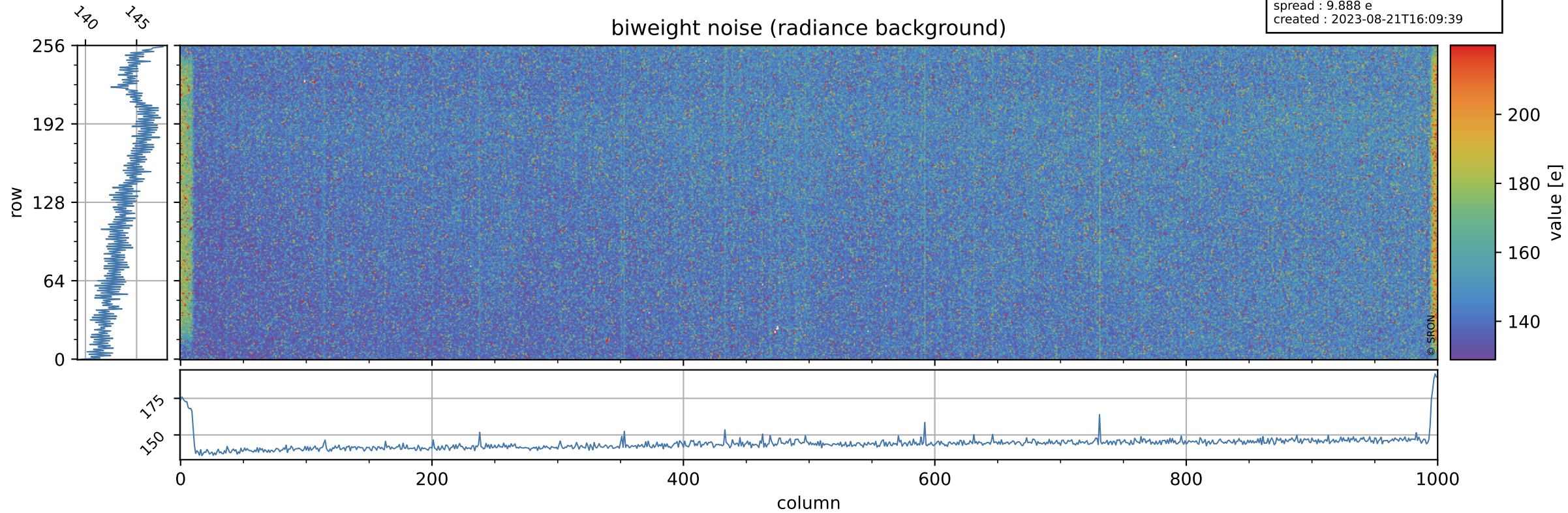
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.81 e  
spread : 9.888 e  
created : 2023-08-21T16:09:39

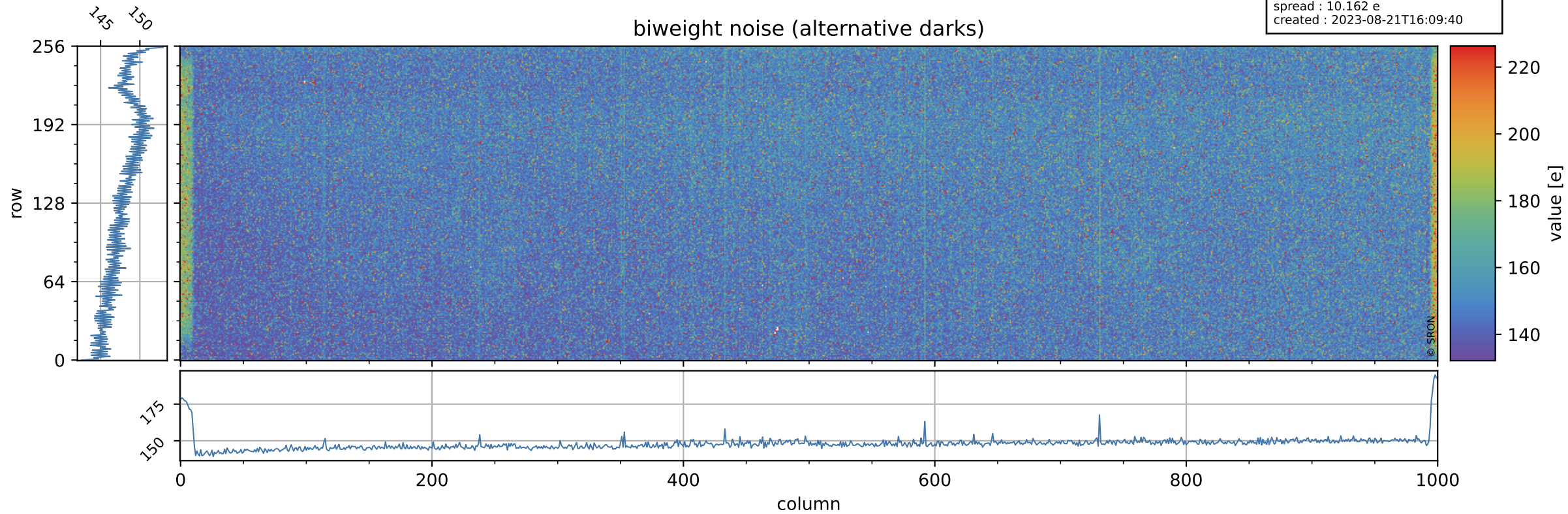
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.74 e  
spread : 10.162 e  
created : 2023-08-21T16:09:40

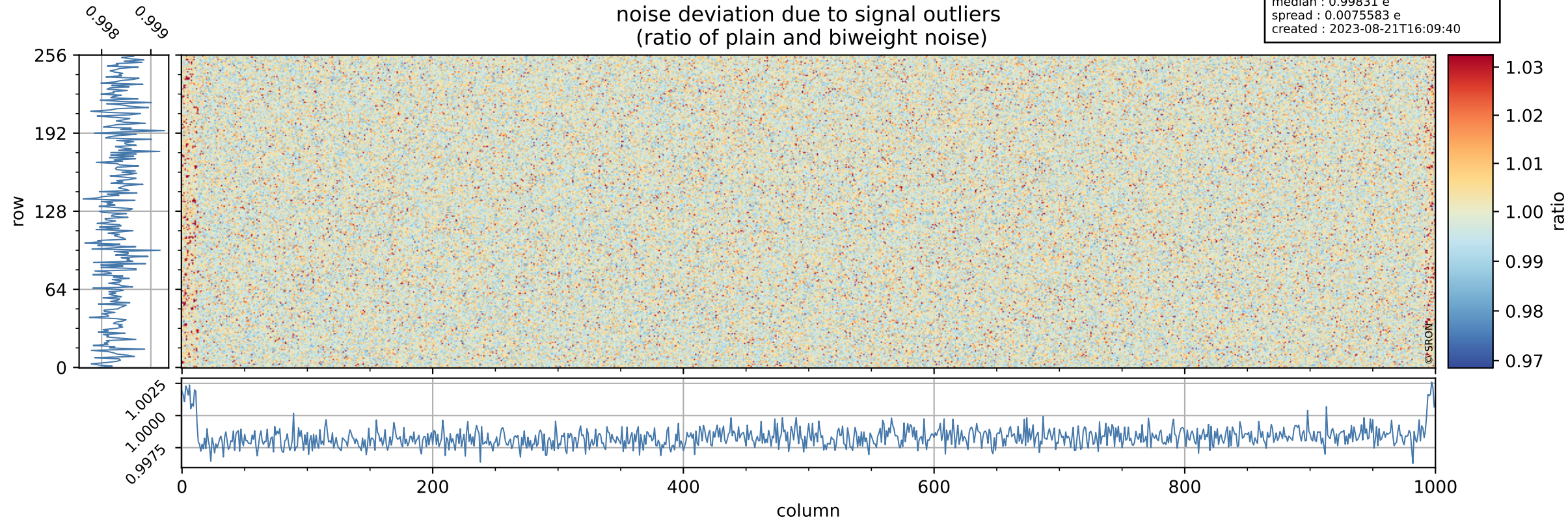
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

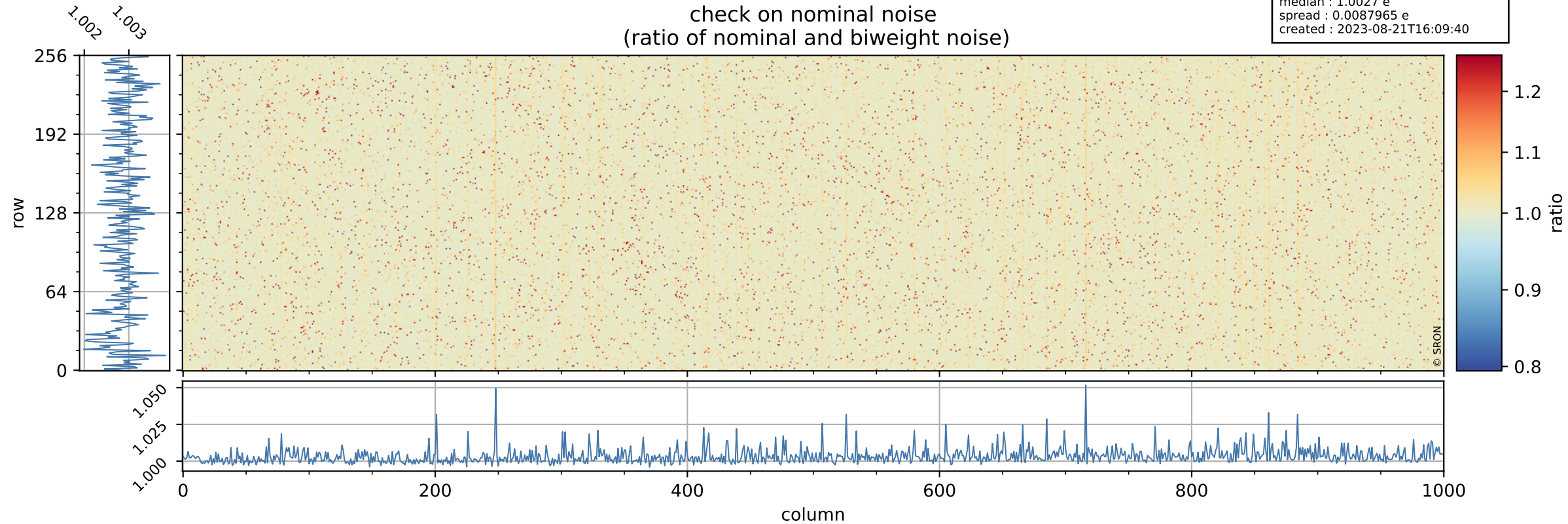
orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
median : 0.99831 e  
spread : 0.0075583 e  
created : 2023-08-21T16:09:40



# Tropomi SWIR background noise (swir)

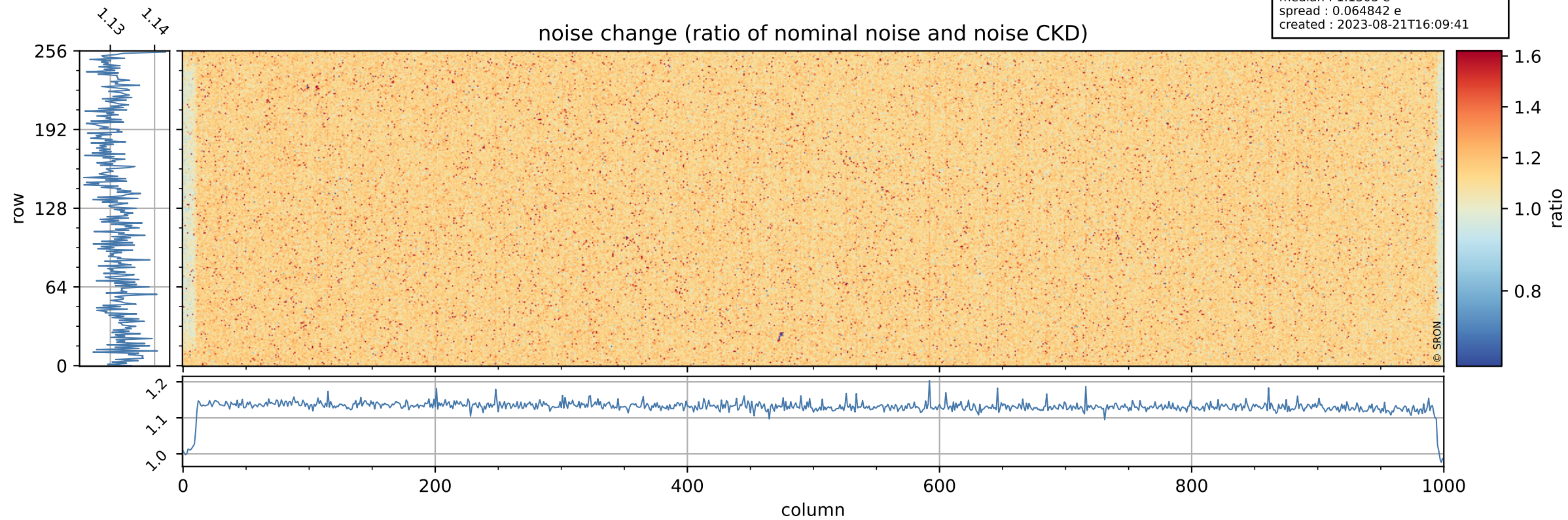
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
median : 1.0027 e  
spread : 0.0087965 e  
created : 2023-08-21T16:09:40



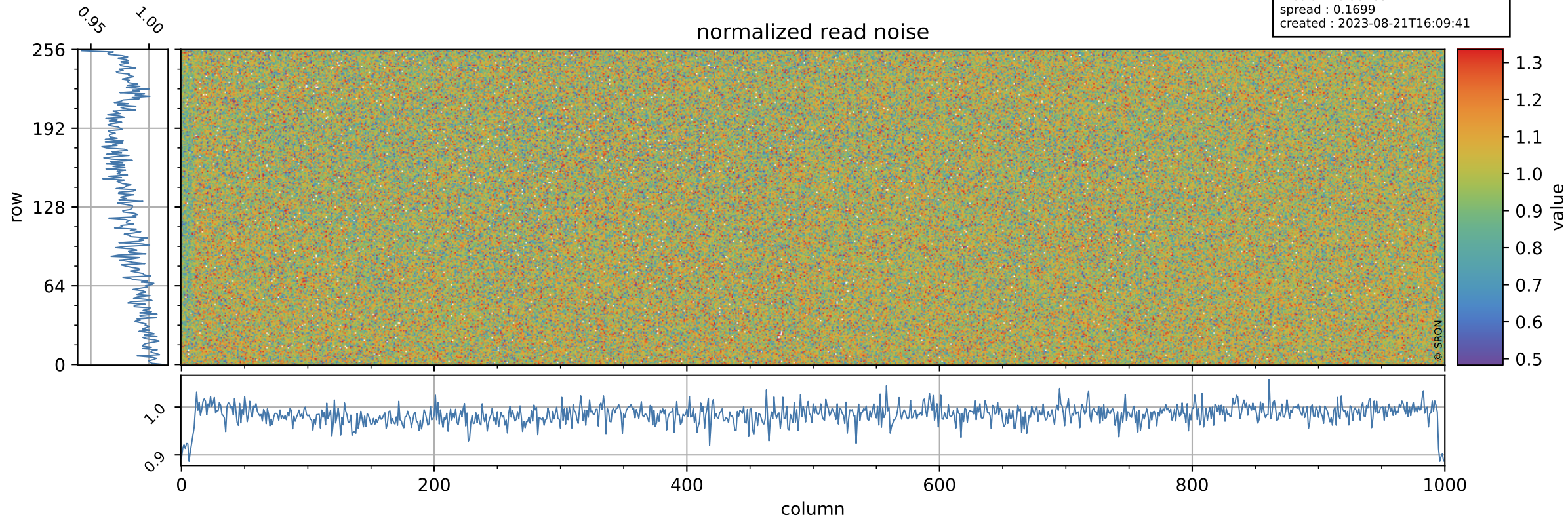
# Tropomi SWIR background noise (swir)

orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
median : 1.1303 e  
spread : 0.064842 e  
created : 2023-08-21T16:09:41



# Tropomi SWIR background noise (swir)

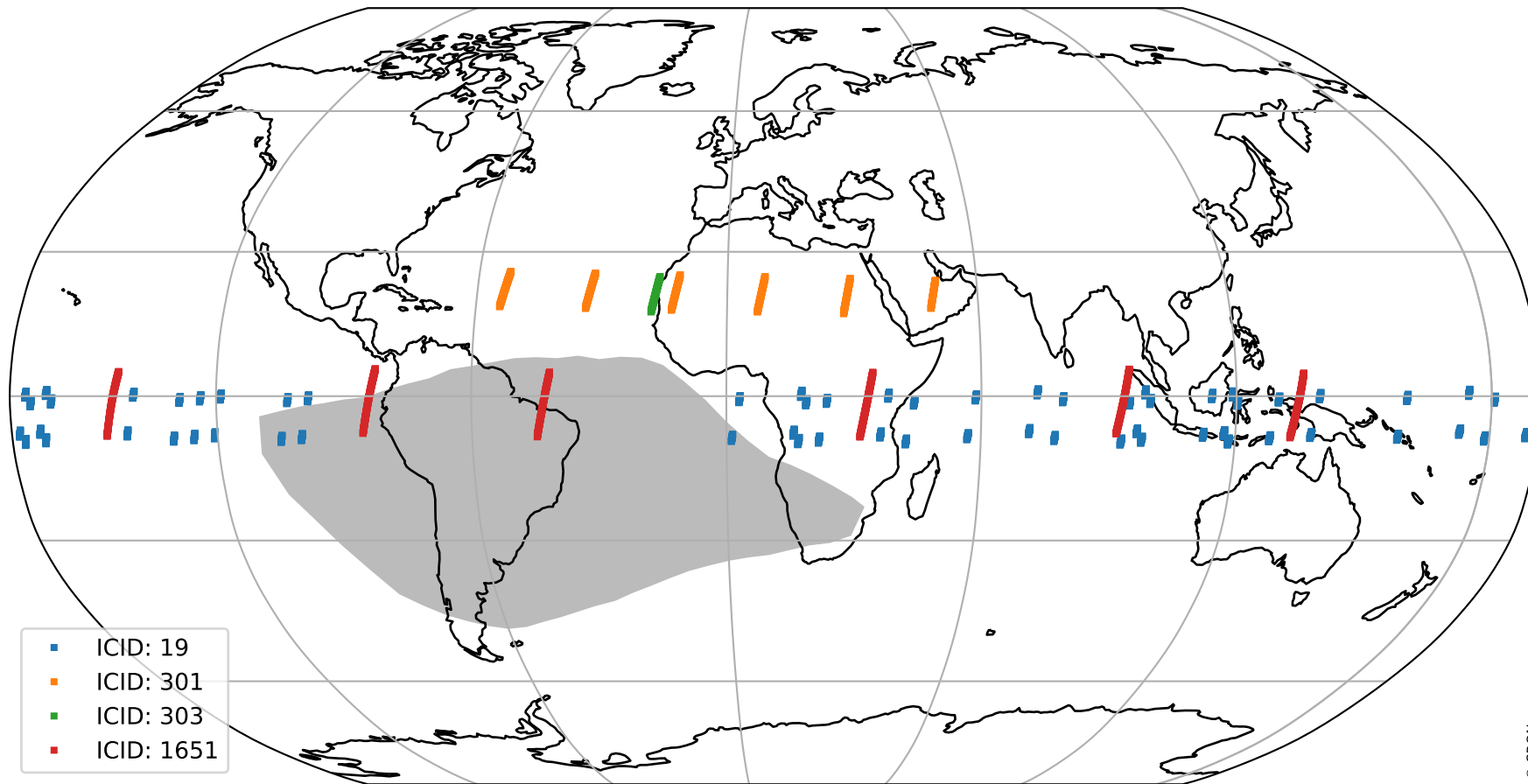
orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
median : 0.98265  
spread : 0.1699  
created : 2023-08-21T16:09:41





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

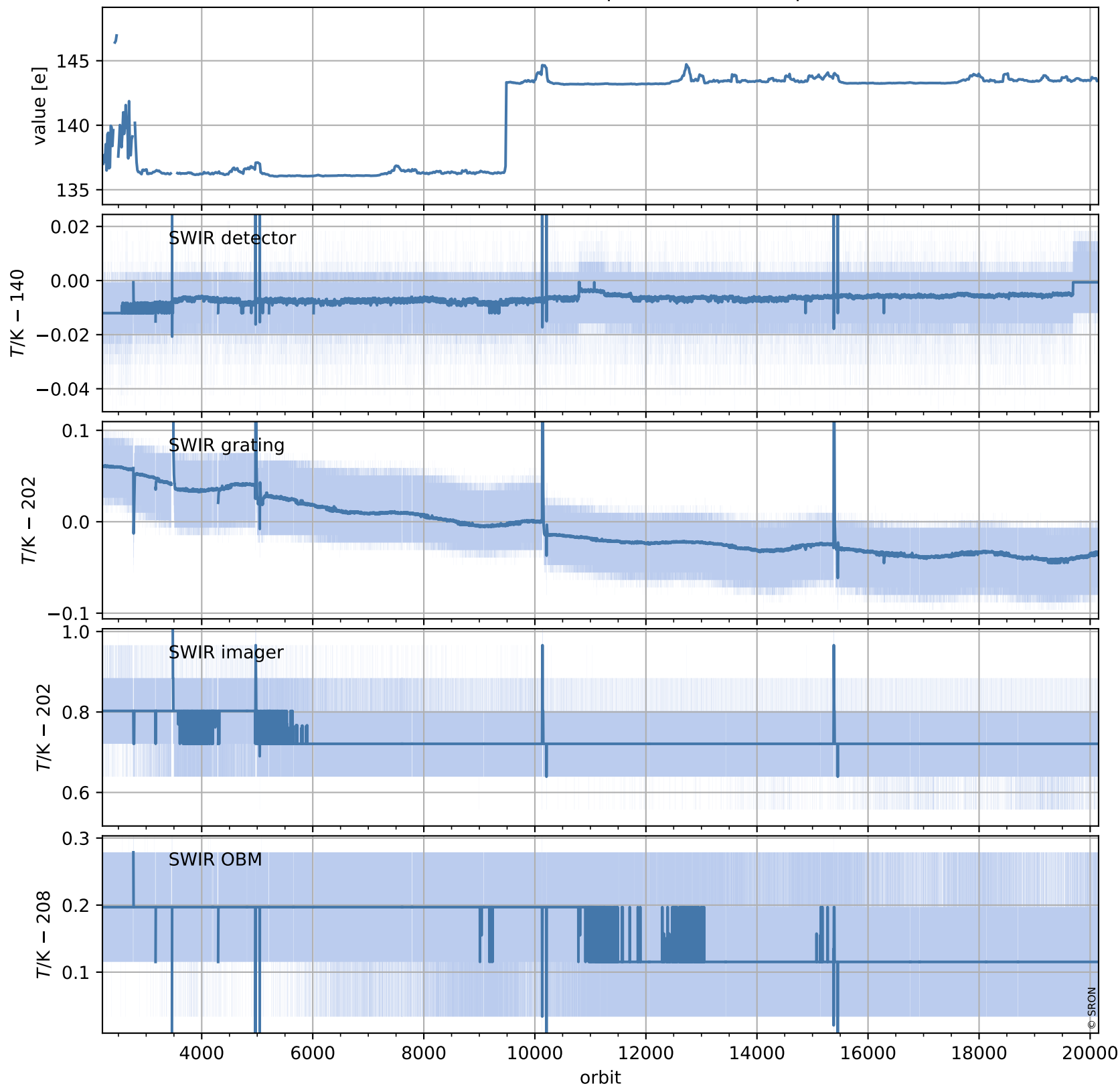
orbits : 13 in [20062, 20152]  
coverage : 2021-08-27 / 2021-09-02  
created : 2023-08-21T16:09:41



# Tropomi SWIR background noise (swir)

orbits : [2212, 20152]  
coverage : 2018-03-18 / 2021-09-02  
created : 2023-08-21T16:09:41

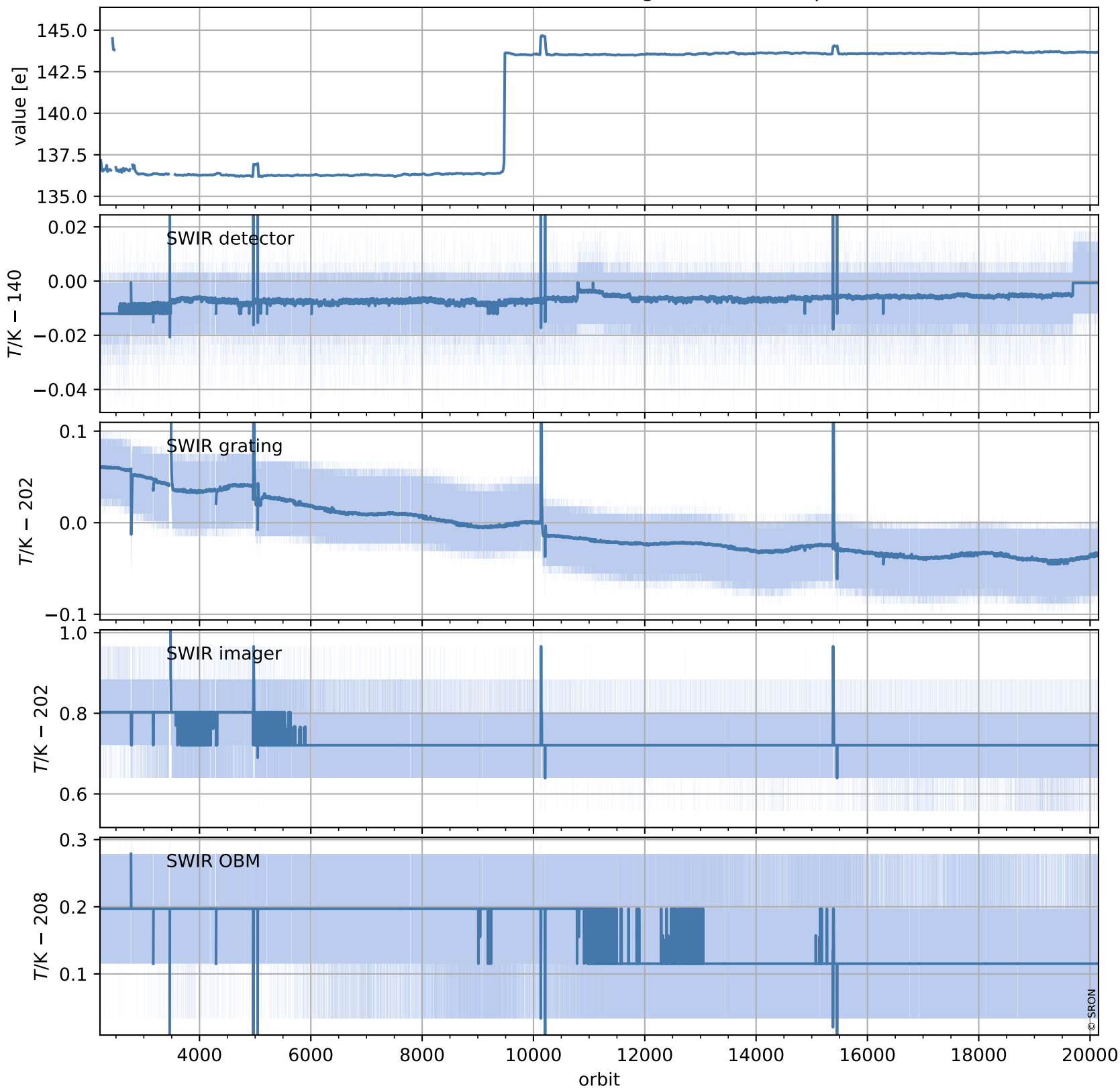
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20152]  
coverage : 2018-03-18 / 2021-09-02  
created : 2023-08-21T16:09:42

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20152]  
coverage : 2018-03-18 / 2021-09-02  
created : 2023-08-21T16:09:43

## trend of normalized read-noise & temperatures

