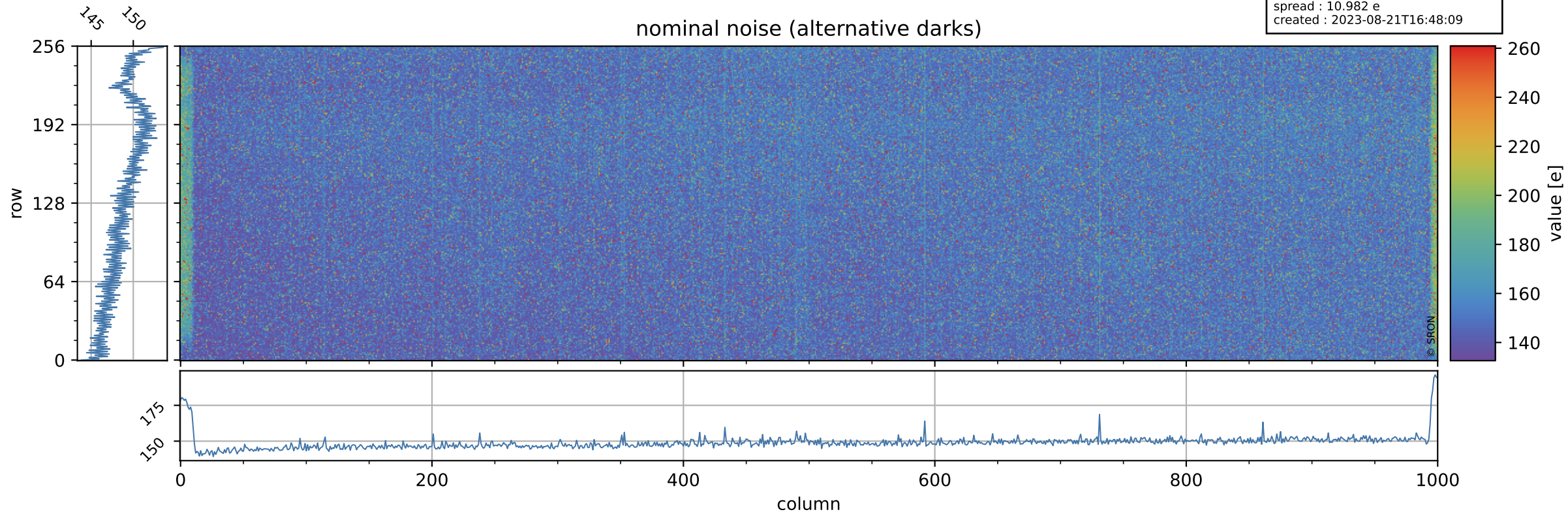


# Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.77 e  
spread : 10.982 e  
created : 2023-08-21T16:48:09

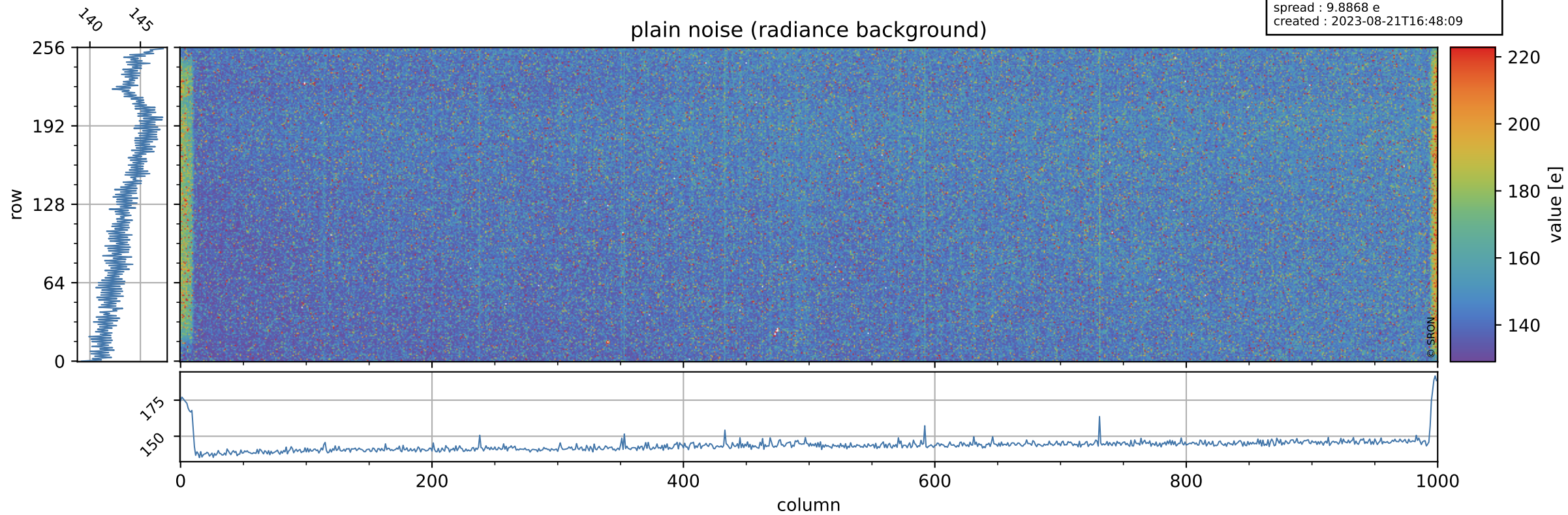
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.8868 e  
created : 2023-08-21T16:48:09

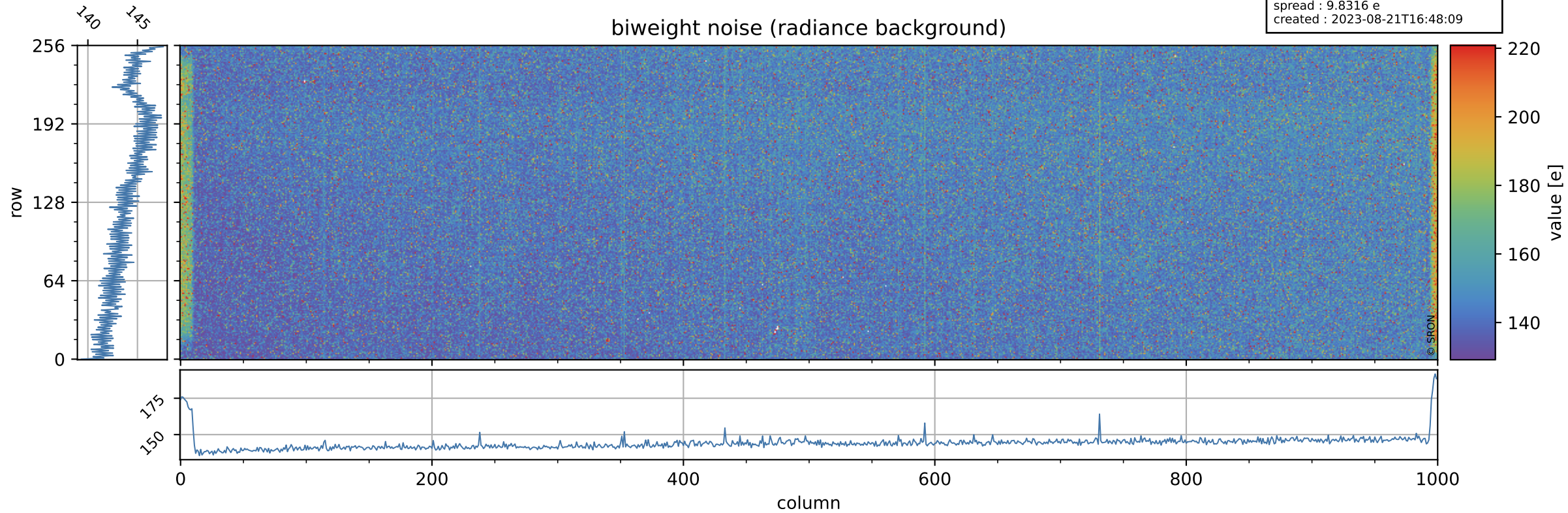
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 9.8316 e  
created : 2023-08-21T16:48:09

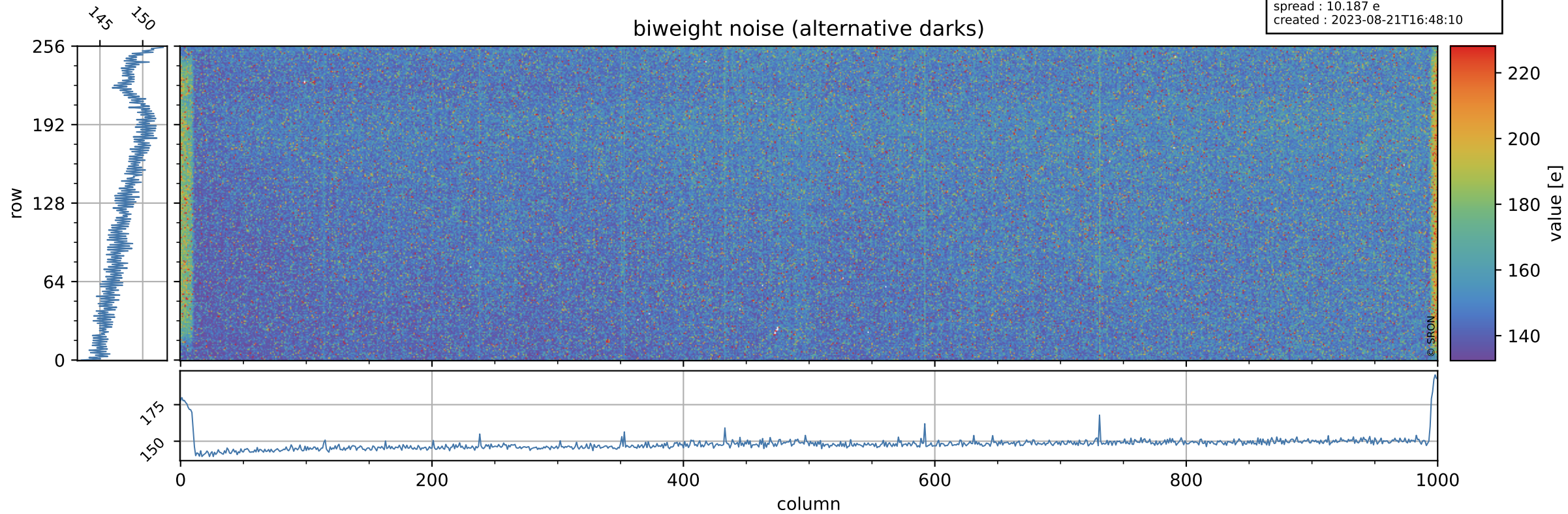
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.85 e  
spread : 10.187 e  
created : 2023-08-21T16:48:10

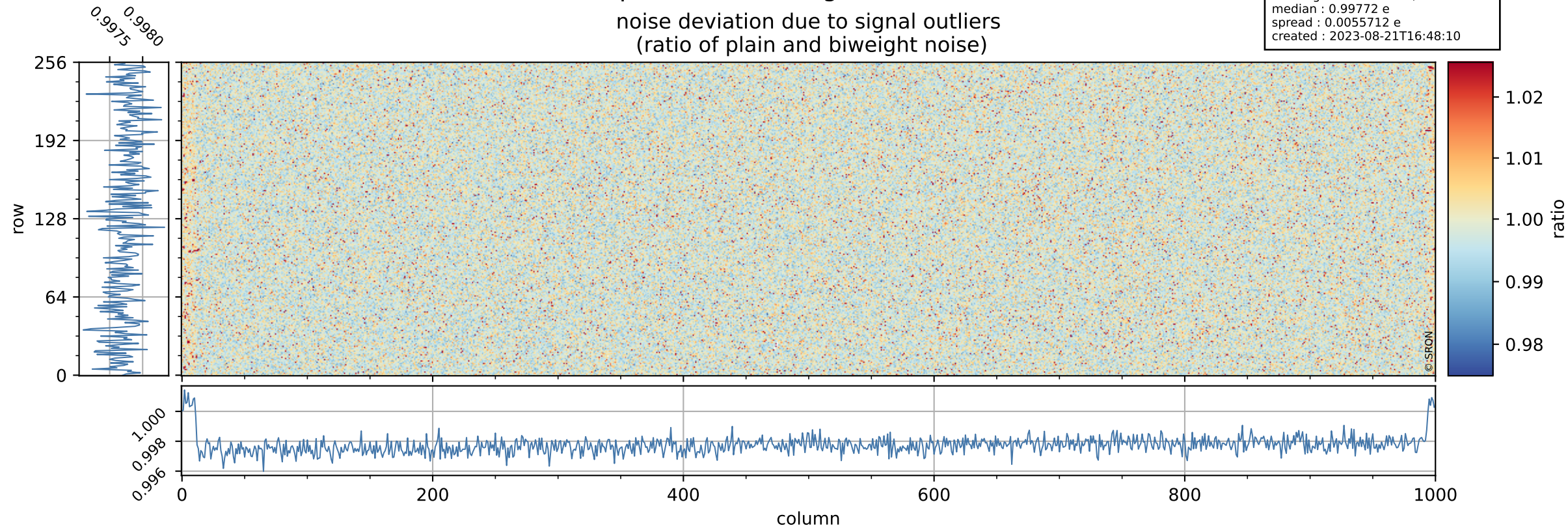
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

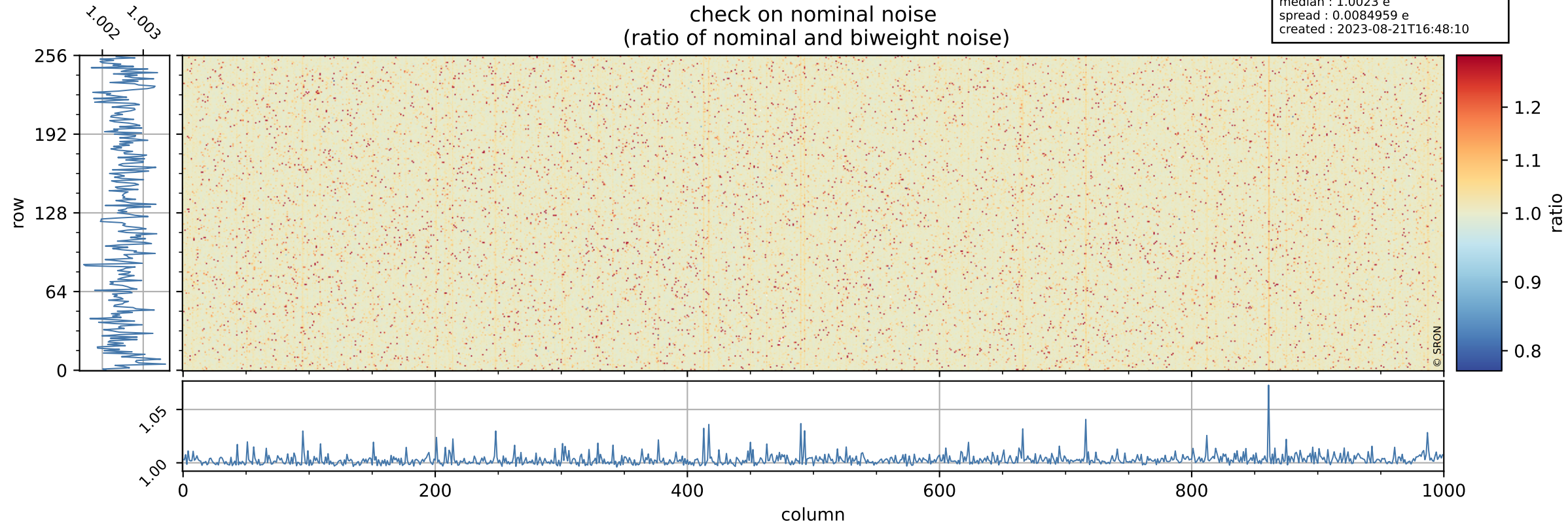
orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
median : 0.99772 e  
spread : 0.0055712 e  
created : 2023-08-21T16:48:10



# Tropomi SWIR background noise (swir)

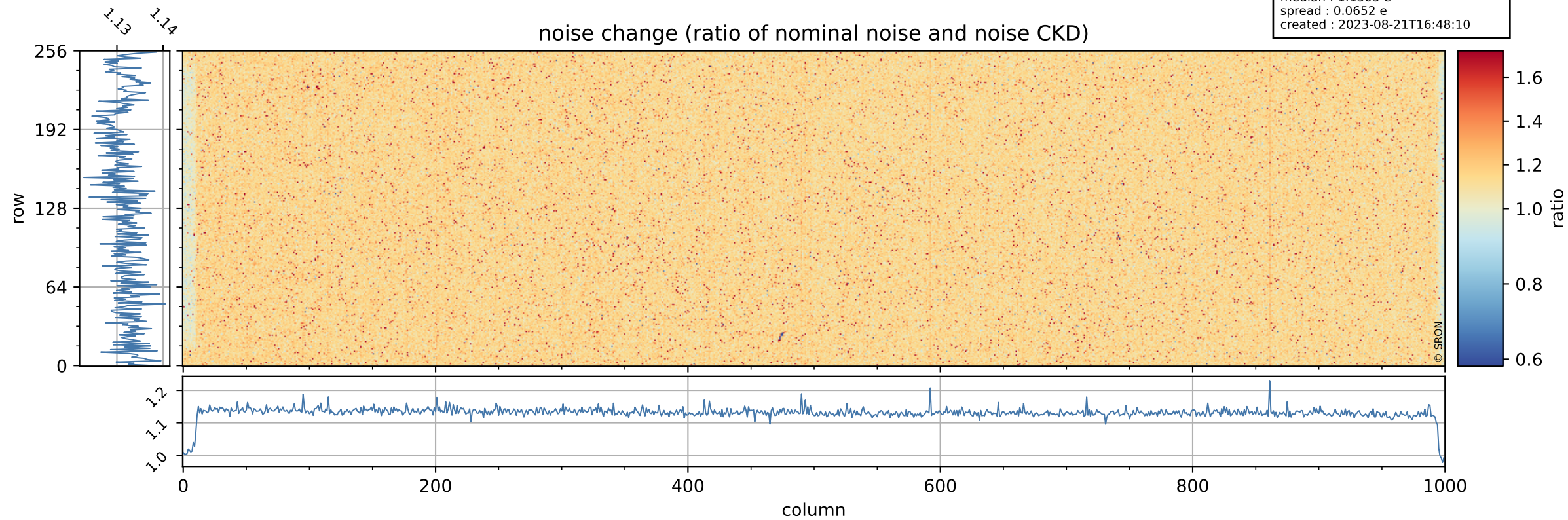
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
median : 1.0023 e  
spread : 0.0084959 e  
created : 2023-08-21T16:48:10



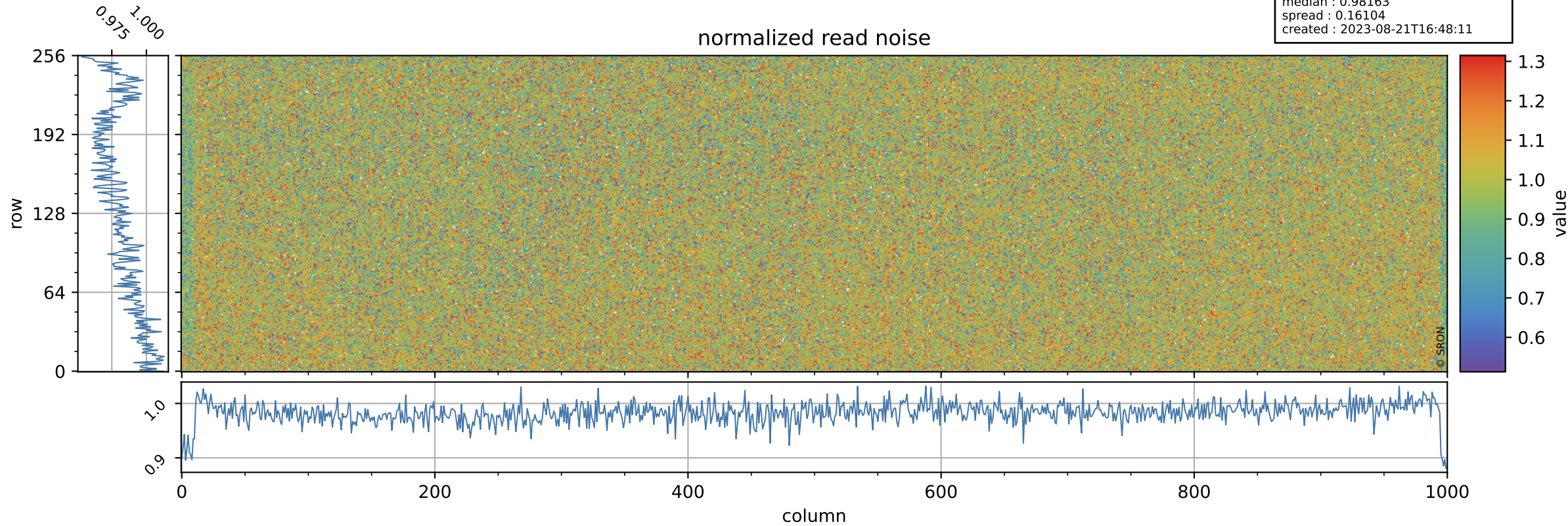
# Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
median : 1.1305 e  
spread : 0.0652 e  
created : 2023-08-21T16:48:10



# Tropomi SWIR background noise (swir)

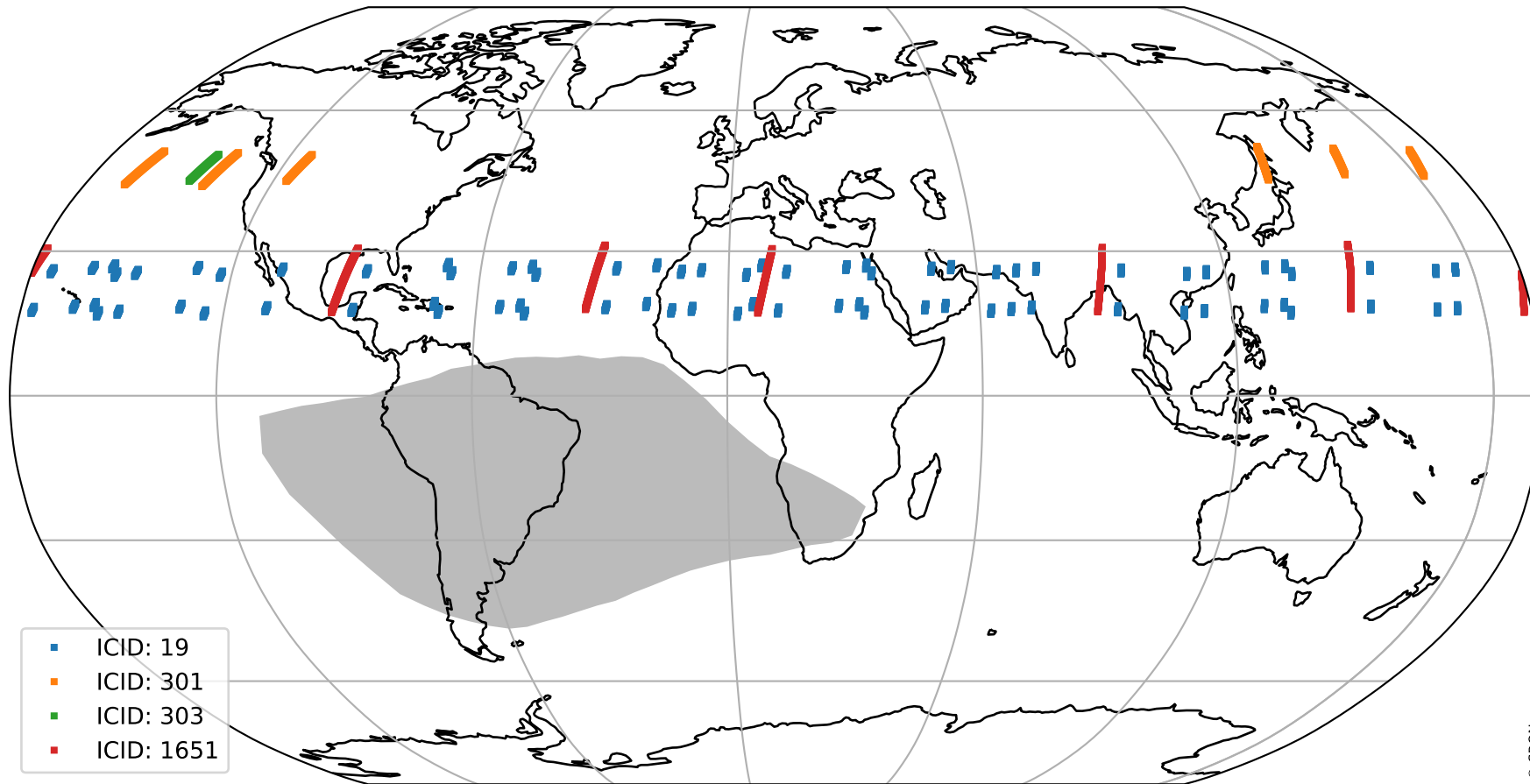
orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
median : 0.98163  
spread : 0.16104  
created : 2023-08-21T16:48:11





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

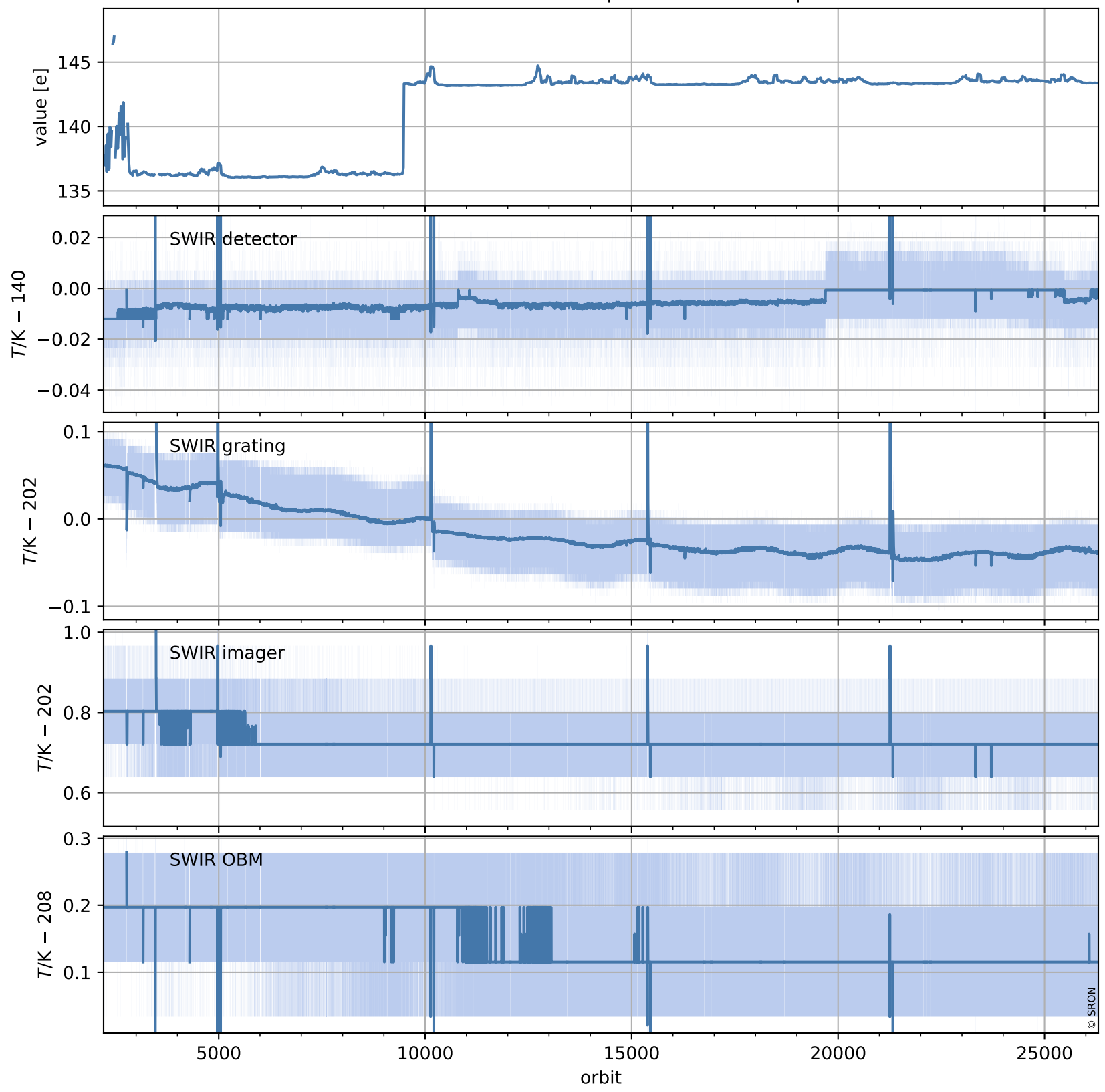
orbits : 13 in [26227, 26302]  
coverage : 2022-11-04 / 2022-11-09  
created : 2023-08-21T16:48:11



# Tropomi SWIR background noise (swir)

orbits : [2212, 26302]  
coverage : 2018-03-18 / 2022-11-09  
created : 2023-08-21T16:48:11

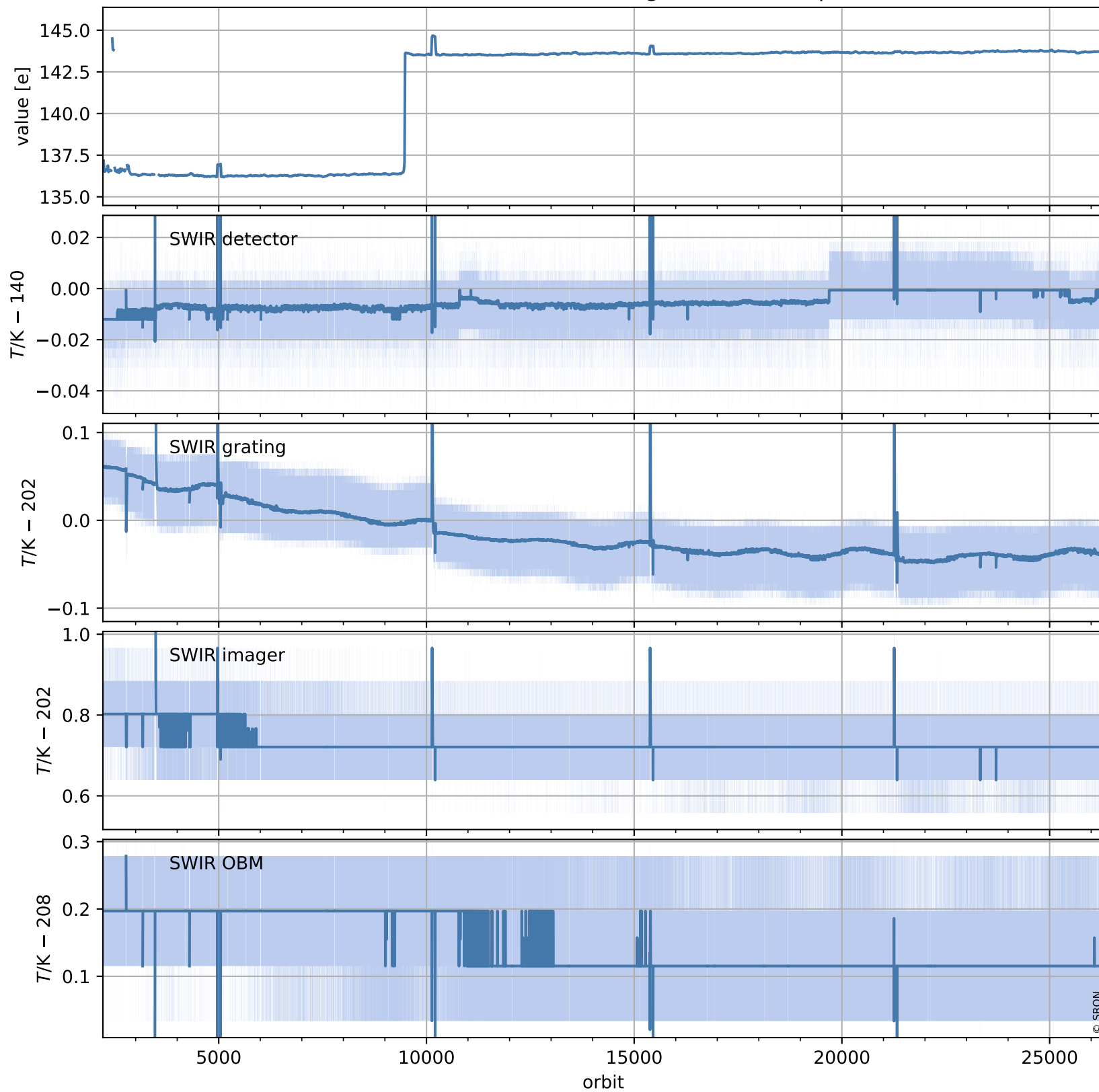
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26302]  
coverage : 2018-03-18 / 2022-11-09  
created : 2023-08-21T16:48:12

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26302]  
coverage : 2018-03-18 / 2022-11-09  
created : 2023-08-21T16:48:13

## trend of normalized read-noise & temperatures

