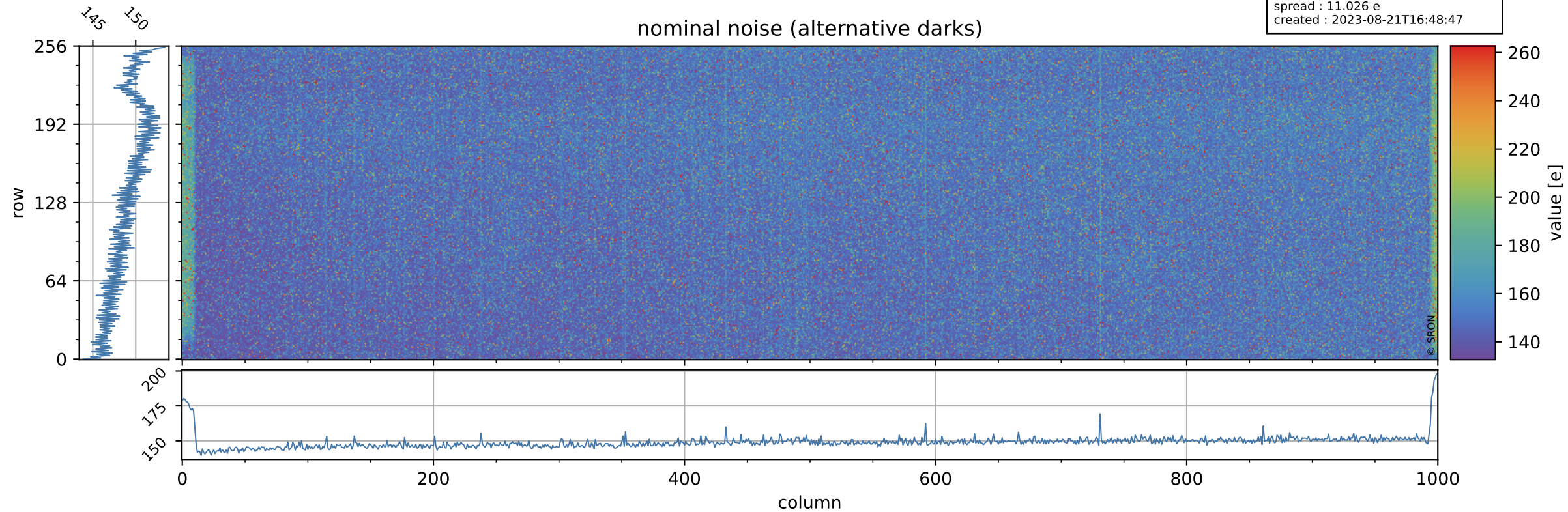


# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
n\_coad, t\_exp : 1, 1.0783  
median : 148.91 e  
spread : 11.026 e  
created : 2023-08-21T16:48:47

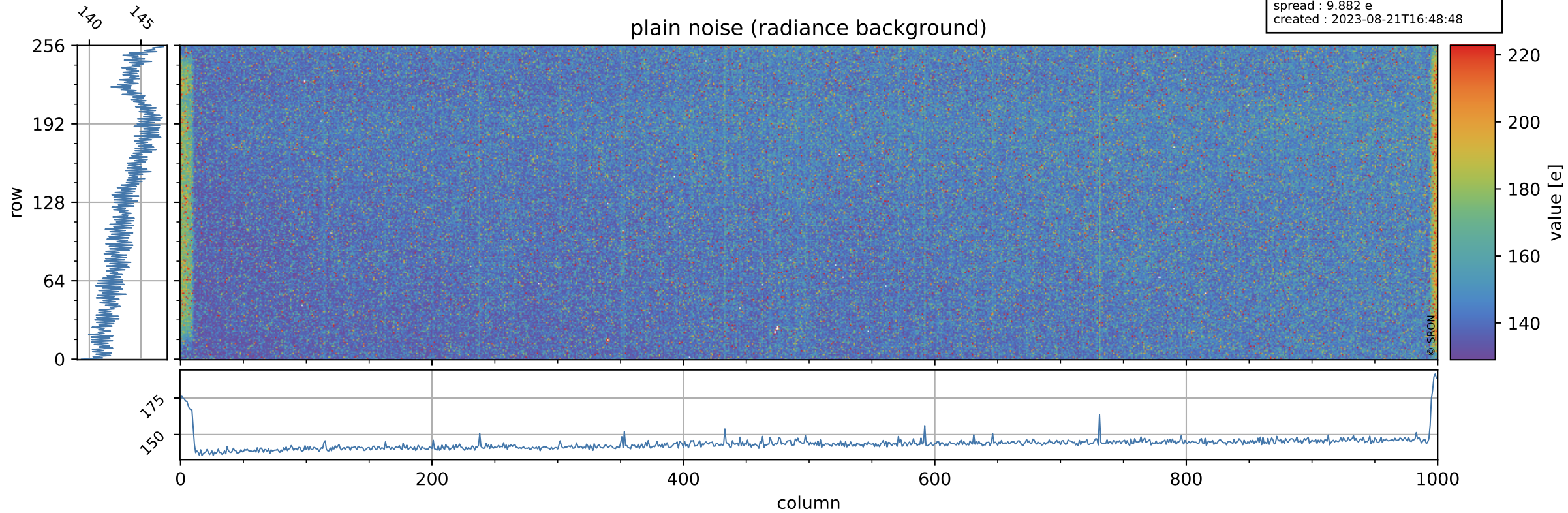
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.882 e  
created : 2023-08-21T16:48:48

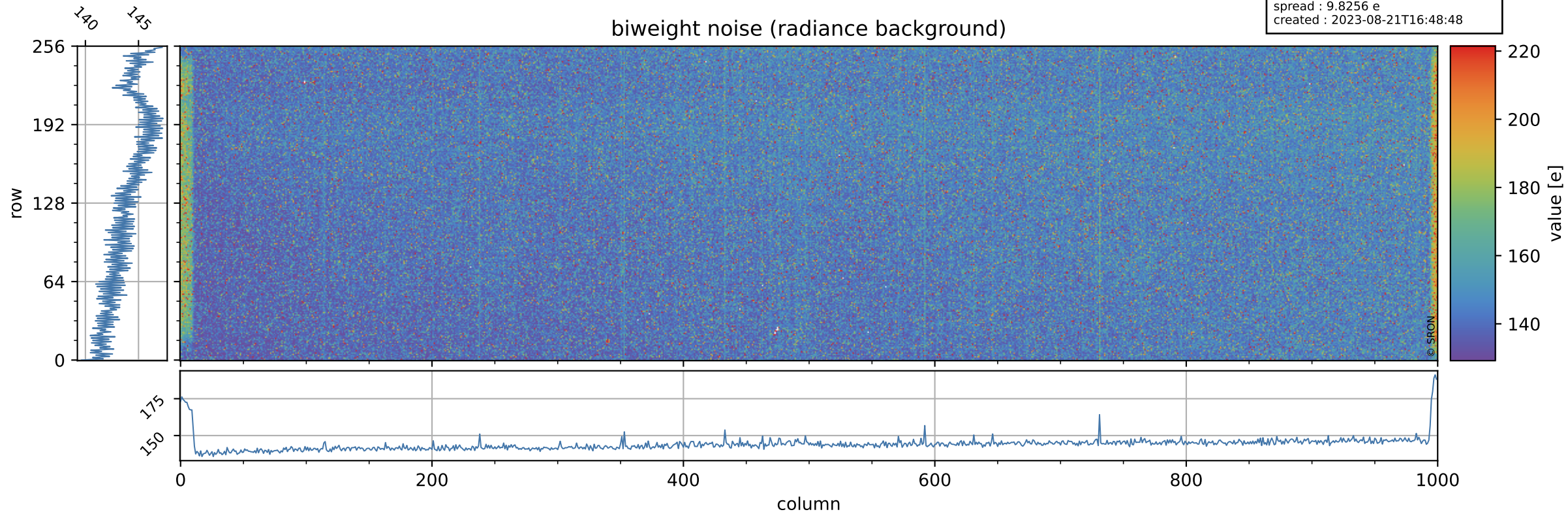
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
n\_coad, t\_exp : 1, 0.8383  
median : 143.87 e  
spread : 9.8256 e  
created : 2023-08-21T16:48:48

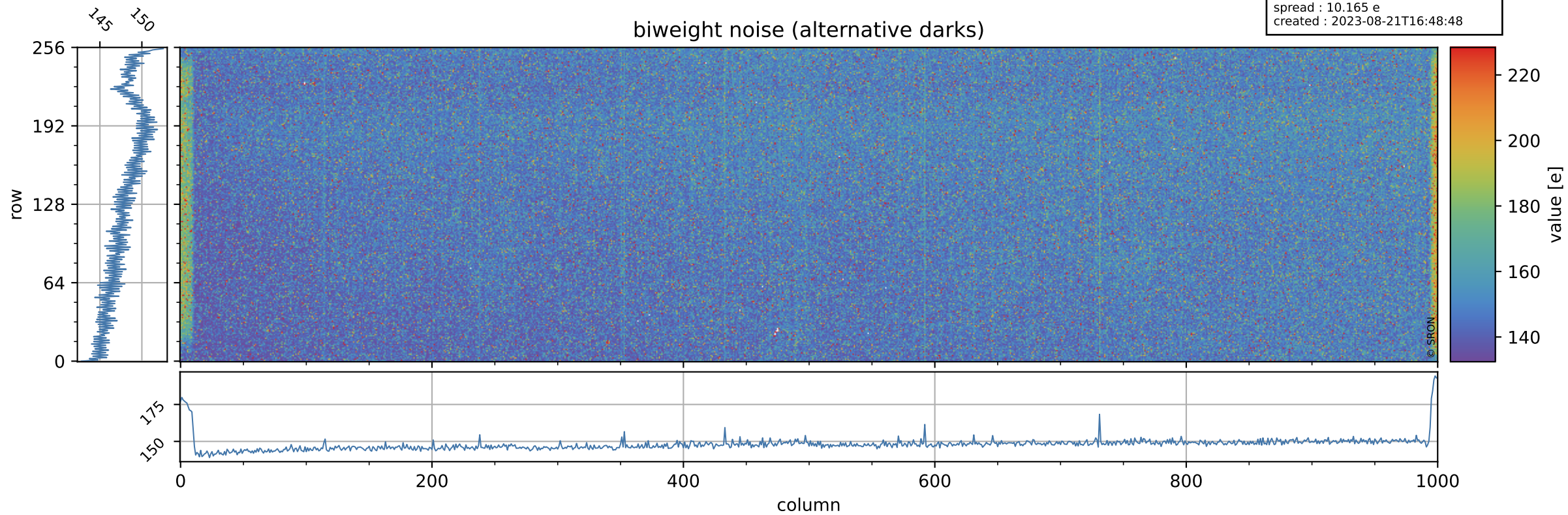
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
n\_coad, t\_exp : 1, 1.0783  
median : 147.83 e  
spread : 10.165 e  
created : 2023-08-21T16:48:48

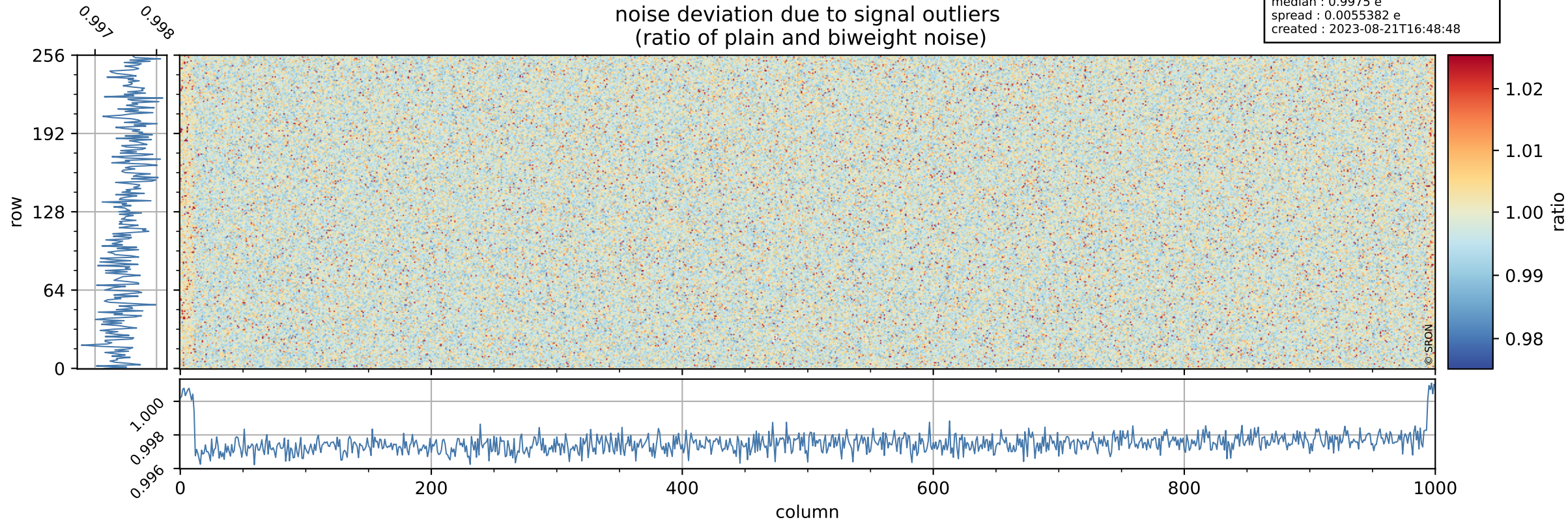
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

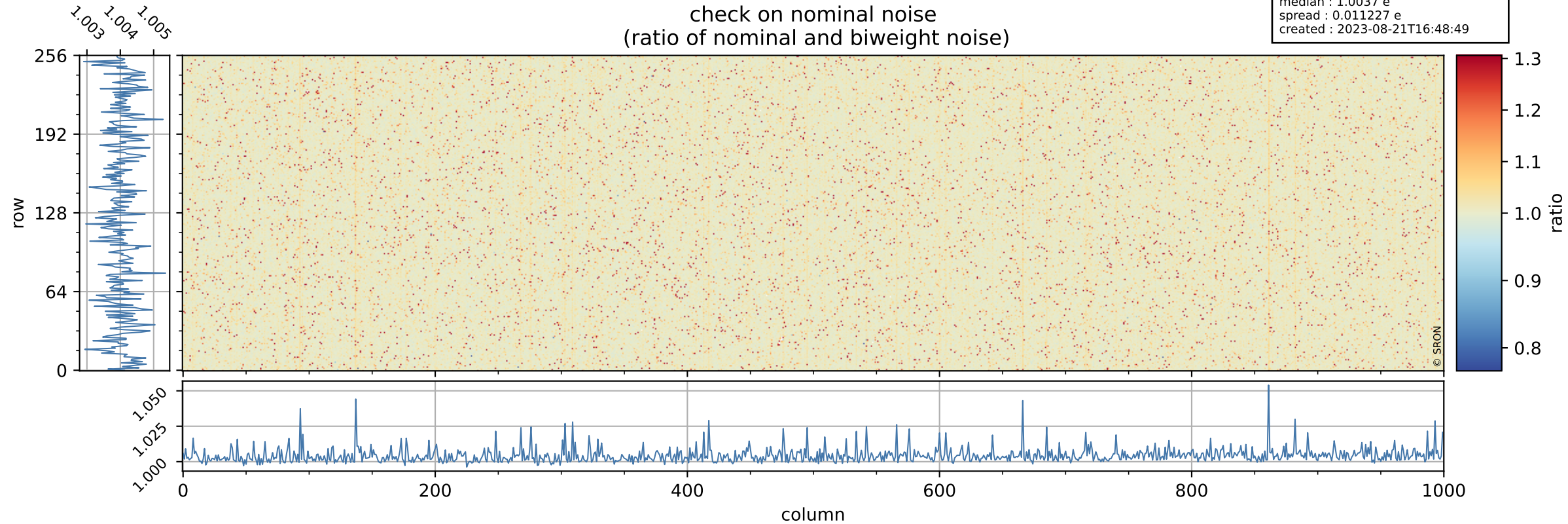
orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
median : 0.9975 e  
spread : 0.0055382 e  
created : 2023-08-21T16:48:48



# Tropomi SWIR background noise (swir)

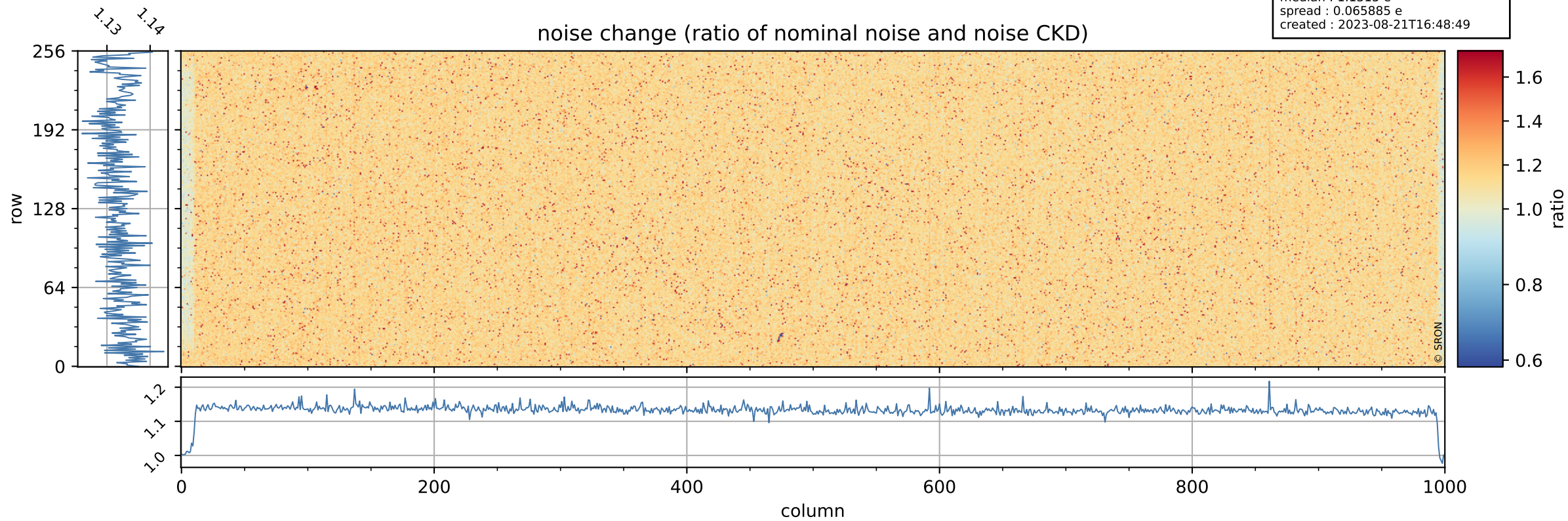
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
median : 1.0037 e  
spread : 0.011227 e  
created : 2023-08-21T16:48:49



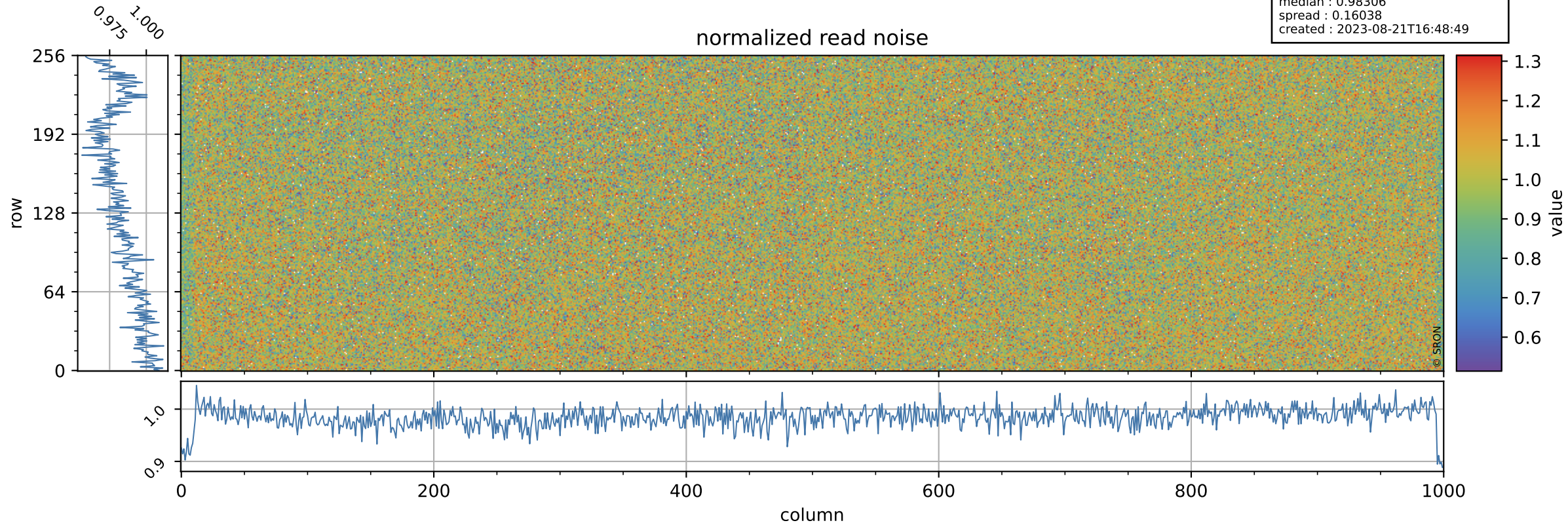
# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
median : 1.1315 e  
spread : 0.065885 e  
created : 2023-08-21T16:48:49



# Tropomi SWIR background noise (swir)

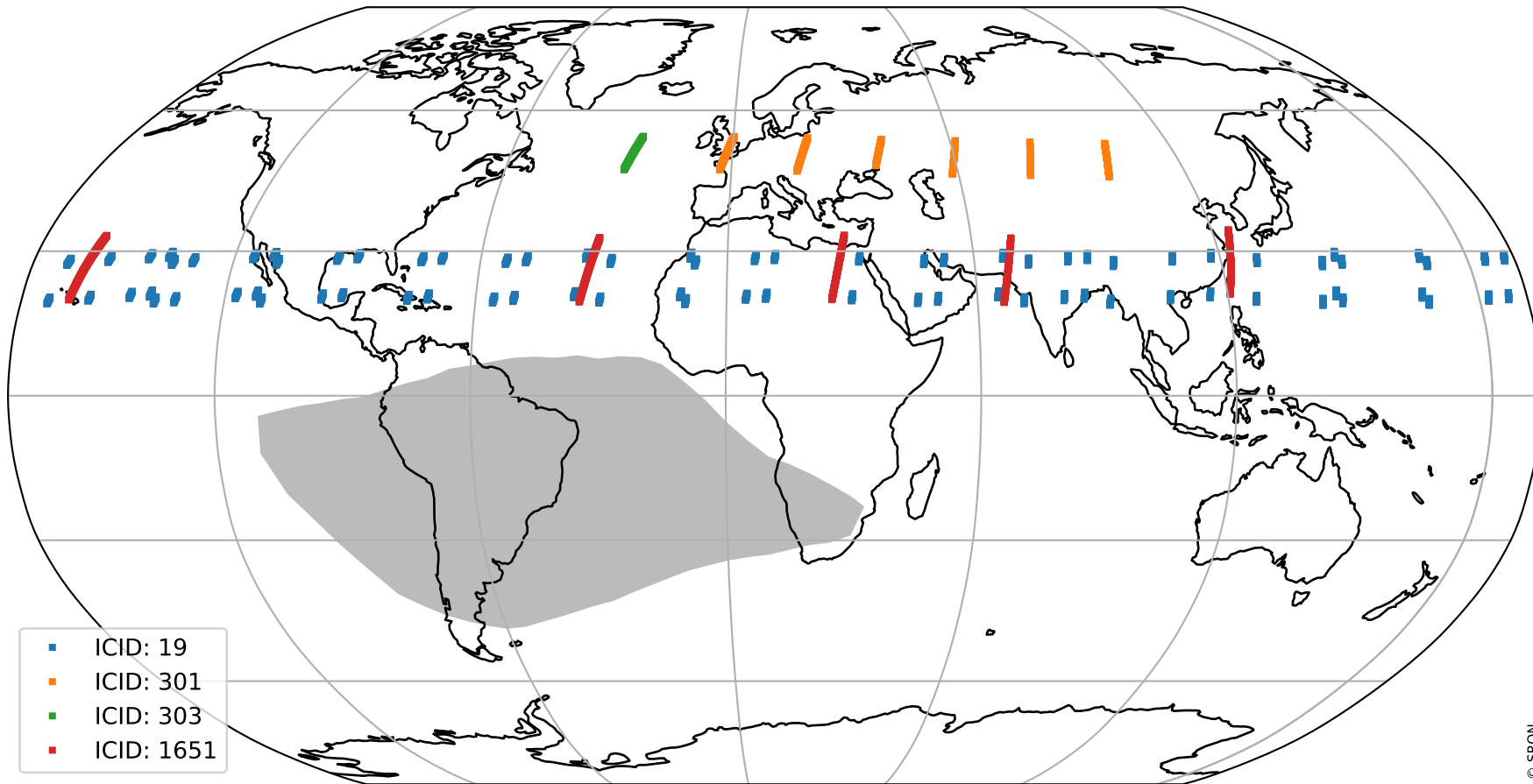
orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
median : 0.98306  
spread : 0.16038  
created : 2023-08-21T16:48:49





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

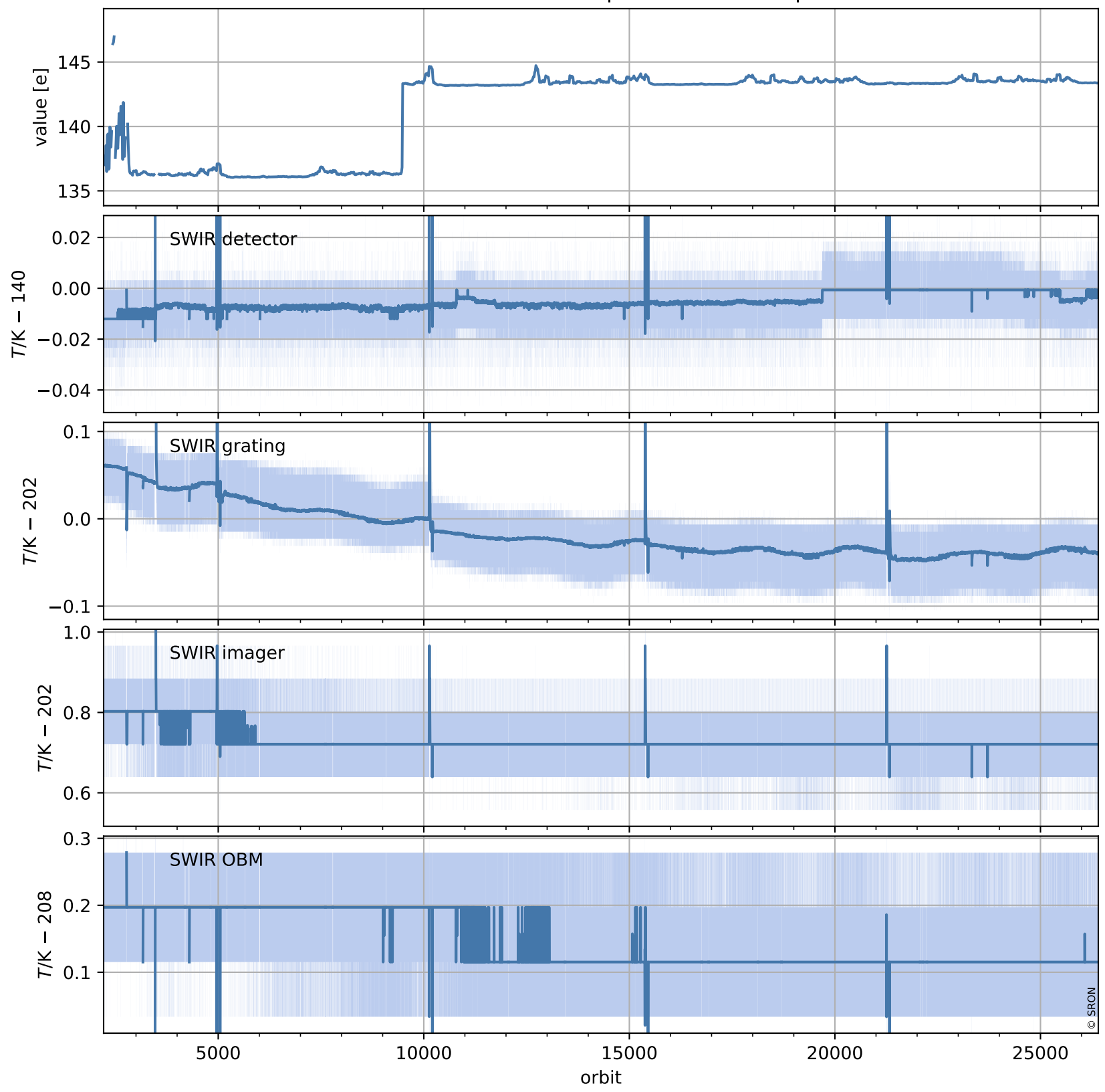
orbits : 12 in [26317, 26407]  
coverage : 2022-11-11 / 2022-11-17  
created : 2023-08-21T16:48:50



# Tropomi SWIR background noise (swir)

orbits : [2212, 26407]  
coverage : 2018-03-18 / 2022-11-17  
created : 2023-08-21T16:48:50

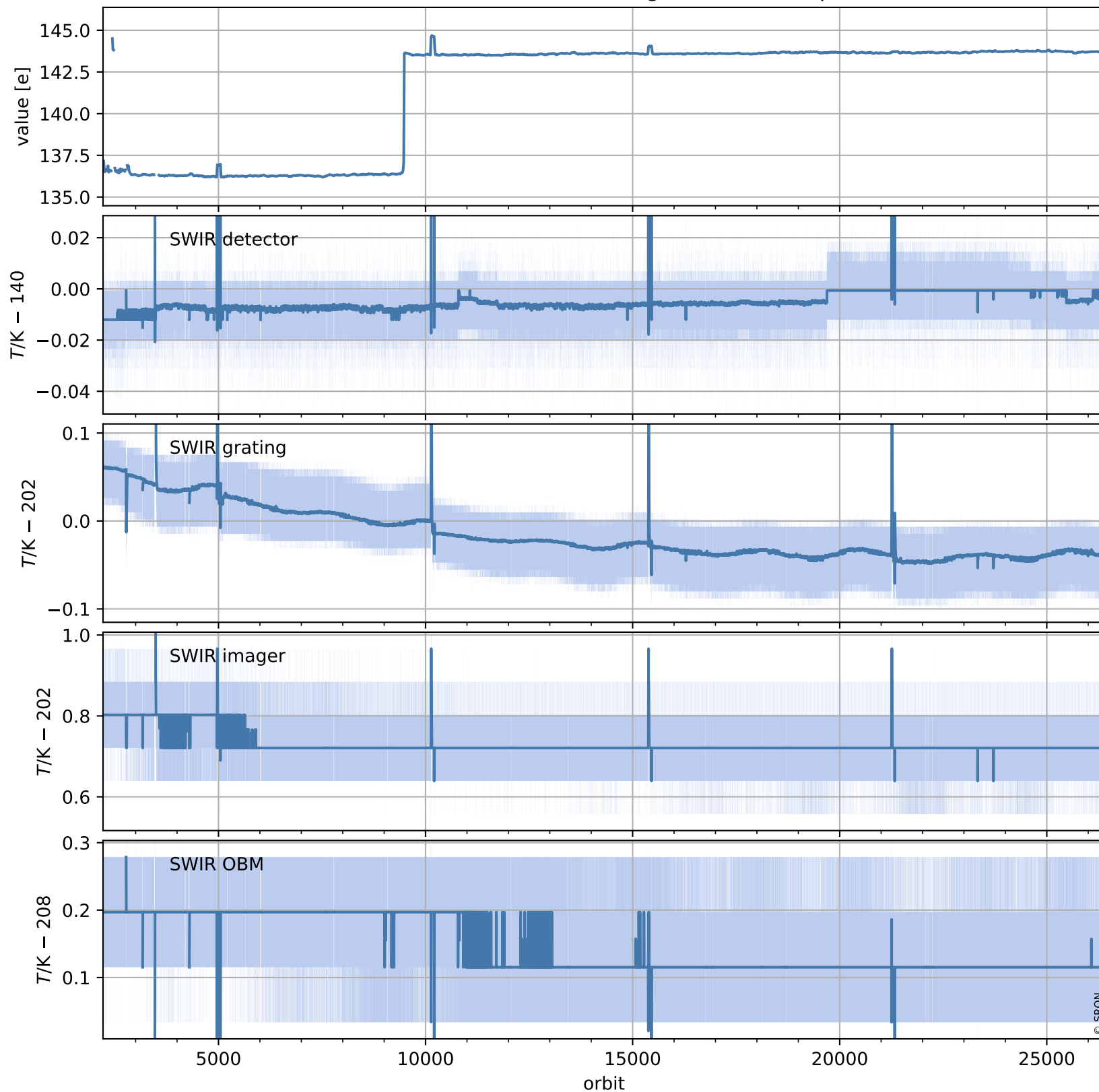
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26407]  
coverage : 2018-03-18 / 2022-11-17  
created : 2023-08-21T16:48:51

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26407]  
coverage : 2018-03-18 / 2022-11-17  
created : 2023-08-21T16:48:52

## trend of normalized read-noise & temperatures

