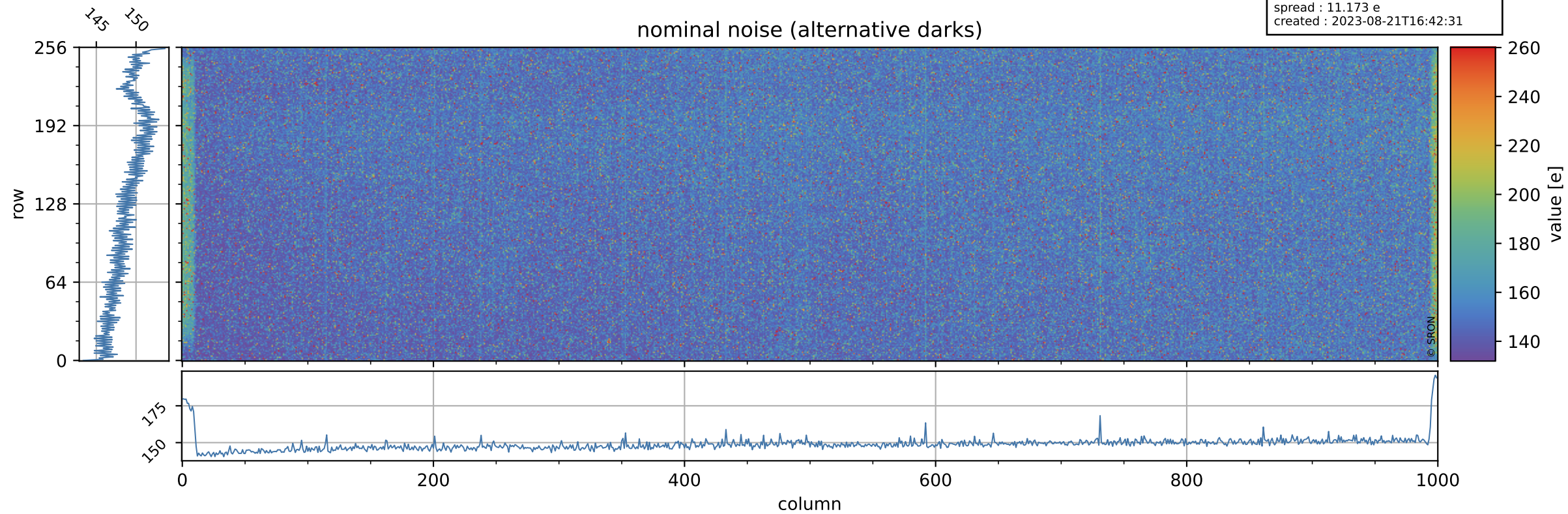


# Tropomi SWIR background noise (swir)

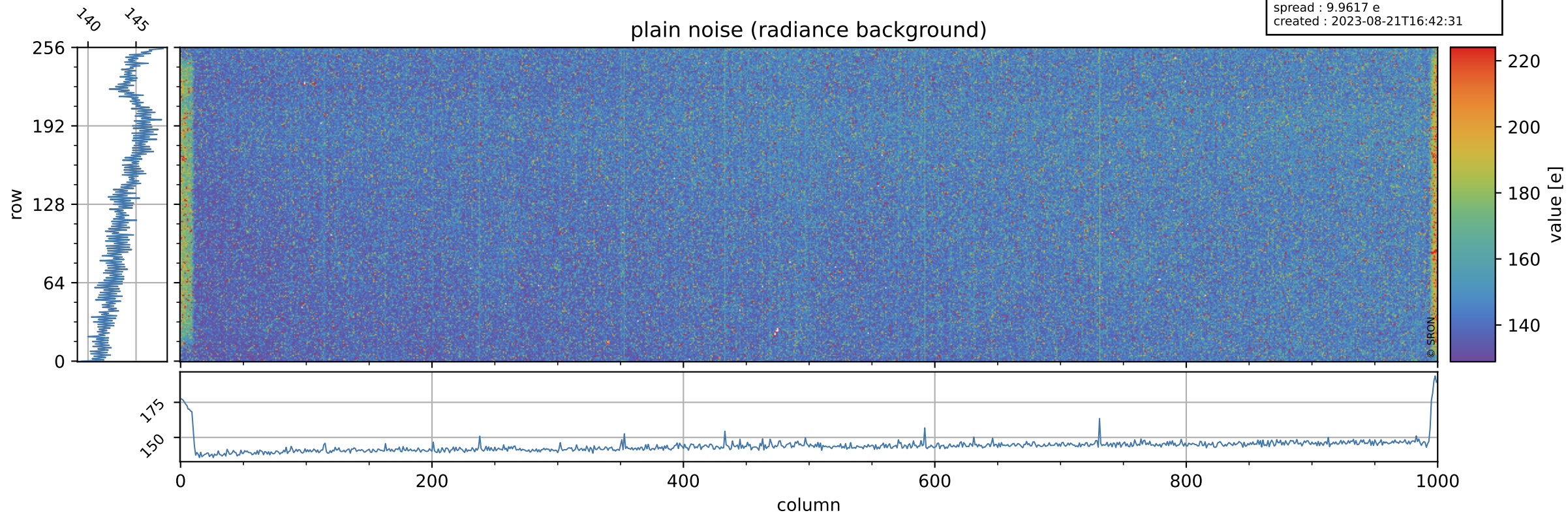
orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.79 e  
spread : 11.173 e  
created : 2023-08-21T16:42:31



# Tropomi SWIR background noise (swir)

orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.9617 e  
created : 2023-08-21T16:42:31

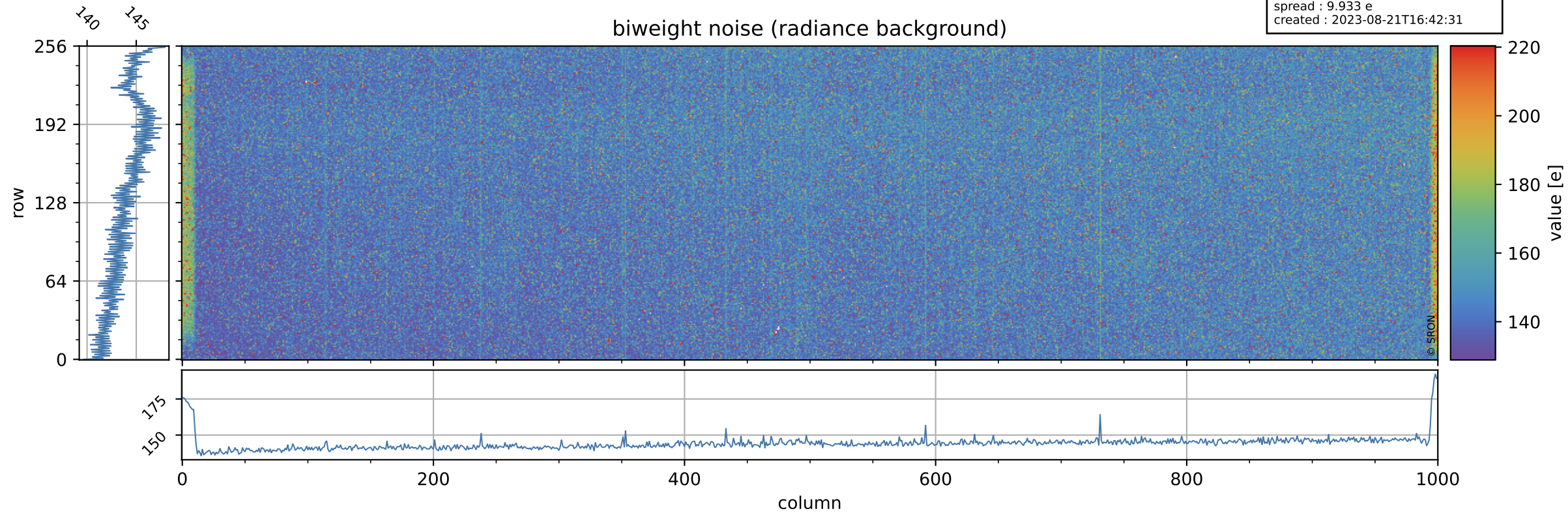
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.87 e  
spread : 9.933 e  
created : 2023-08-21T16:42:31

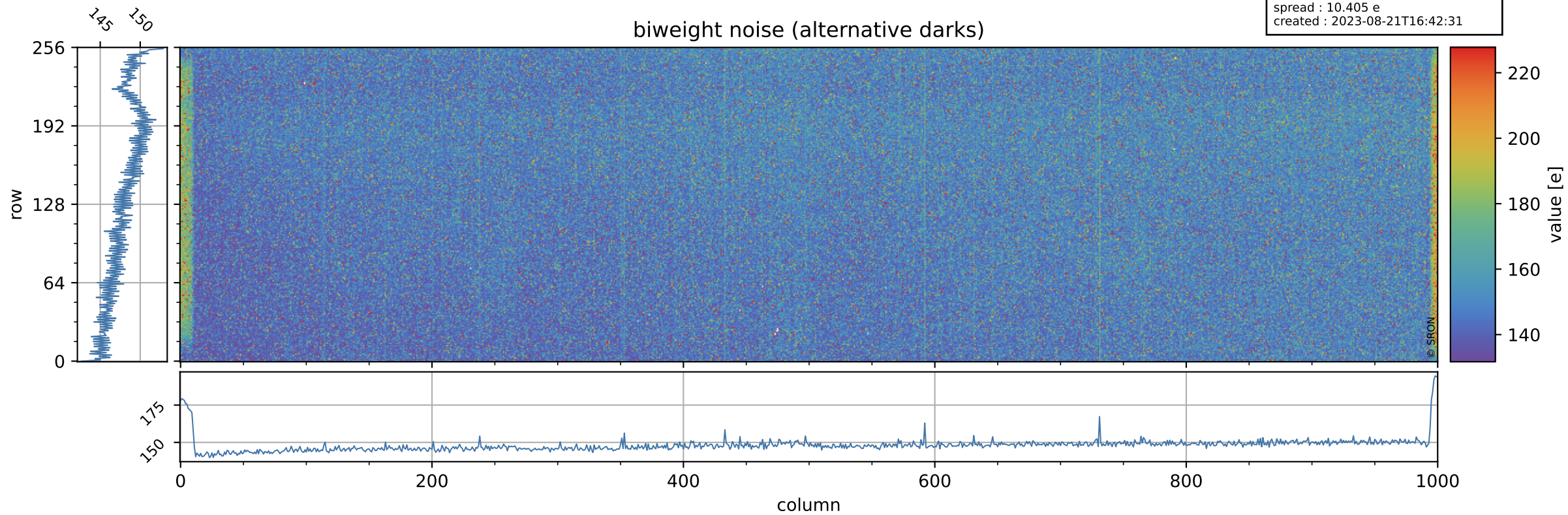
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.87 e  
spread : 10.405 e  
created : 2023-08-21T16:42:31

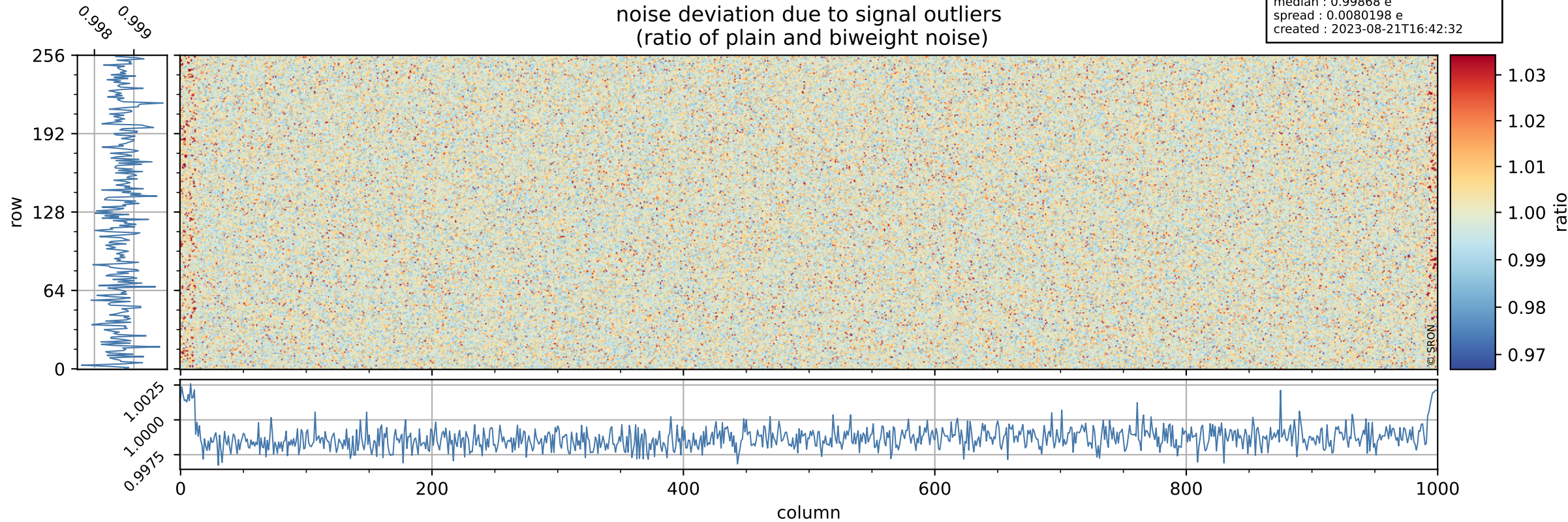
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

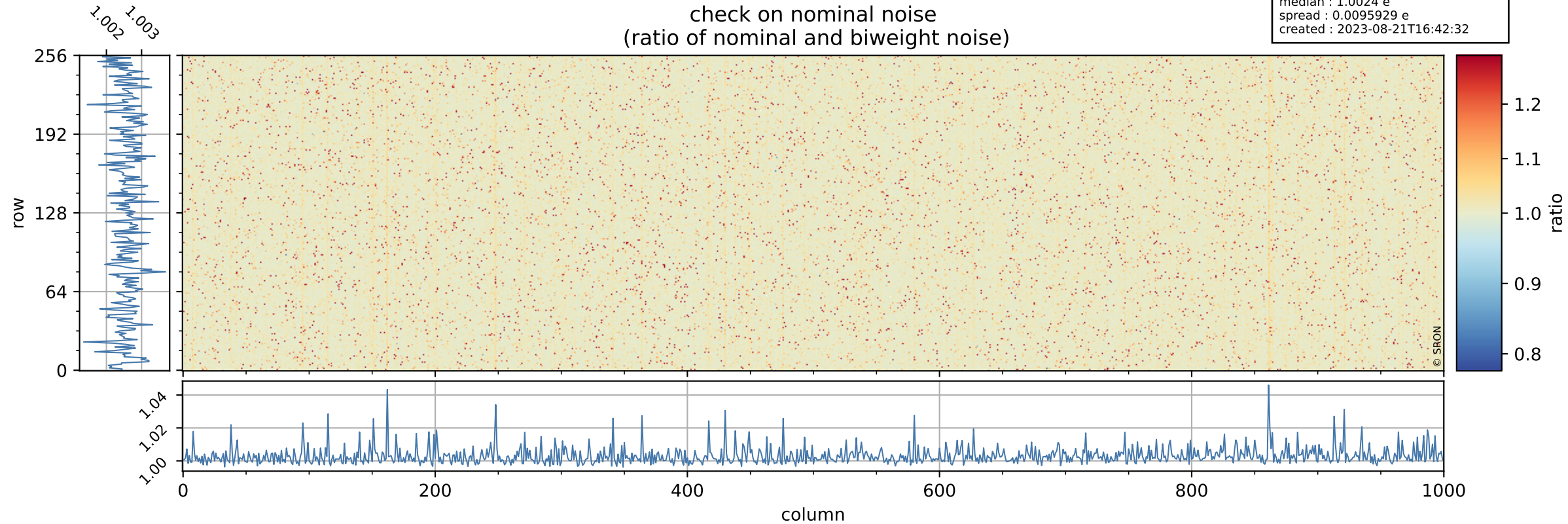
orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
median : 0.99868 e  
spread : 0.0080198 e  
created : 2023-08-21T16:42:32



# Tropomi SWIR background noise (swir)

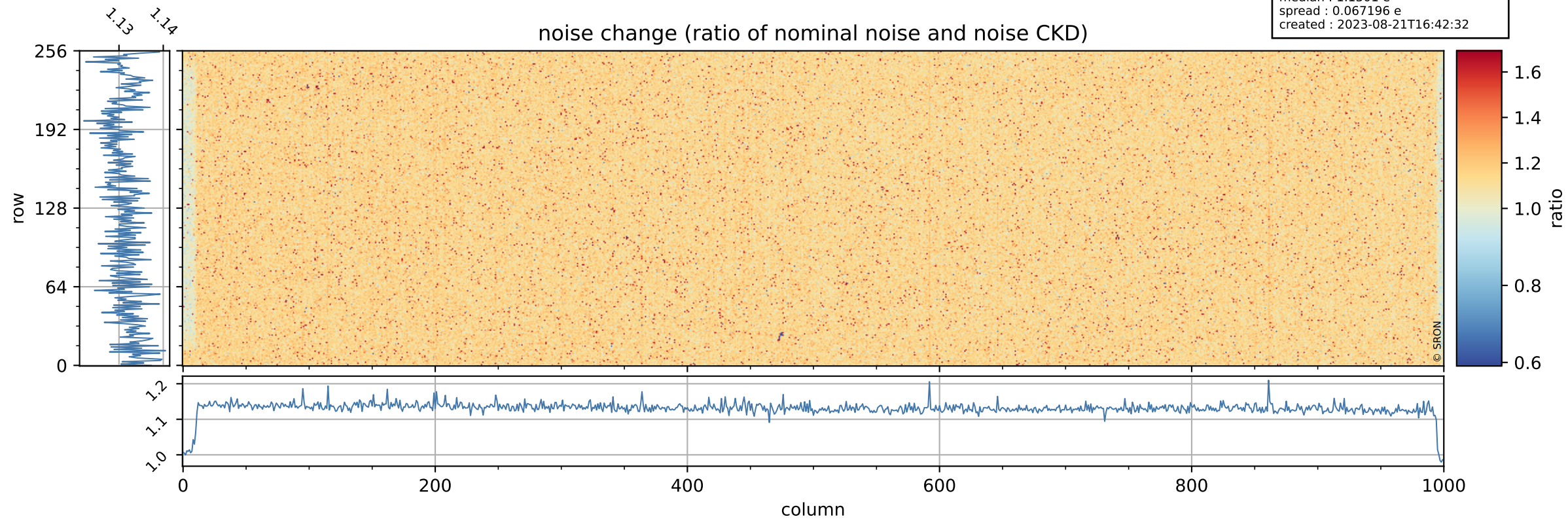
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
median : 1.0024 e  
spread : 0.0095929 e  
created : 2023-08-21T16:42:32



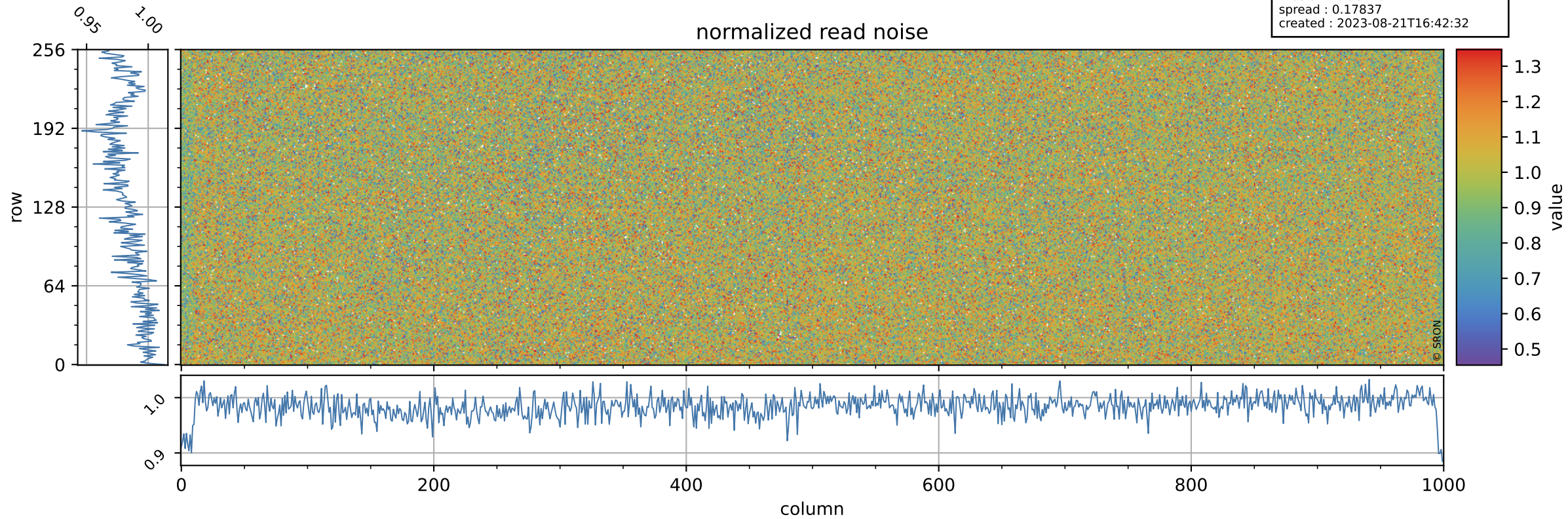
# Tropomi SWIR background noise (swir)

orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
median : 1.1301 e  
spread : 0.067196 e  
created : 2023-08-21T16:42:32



# Tropomi SWIR background noise (swir)

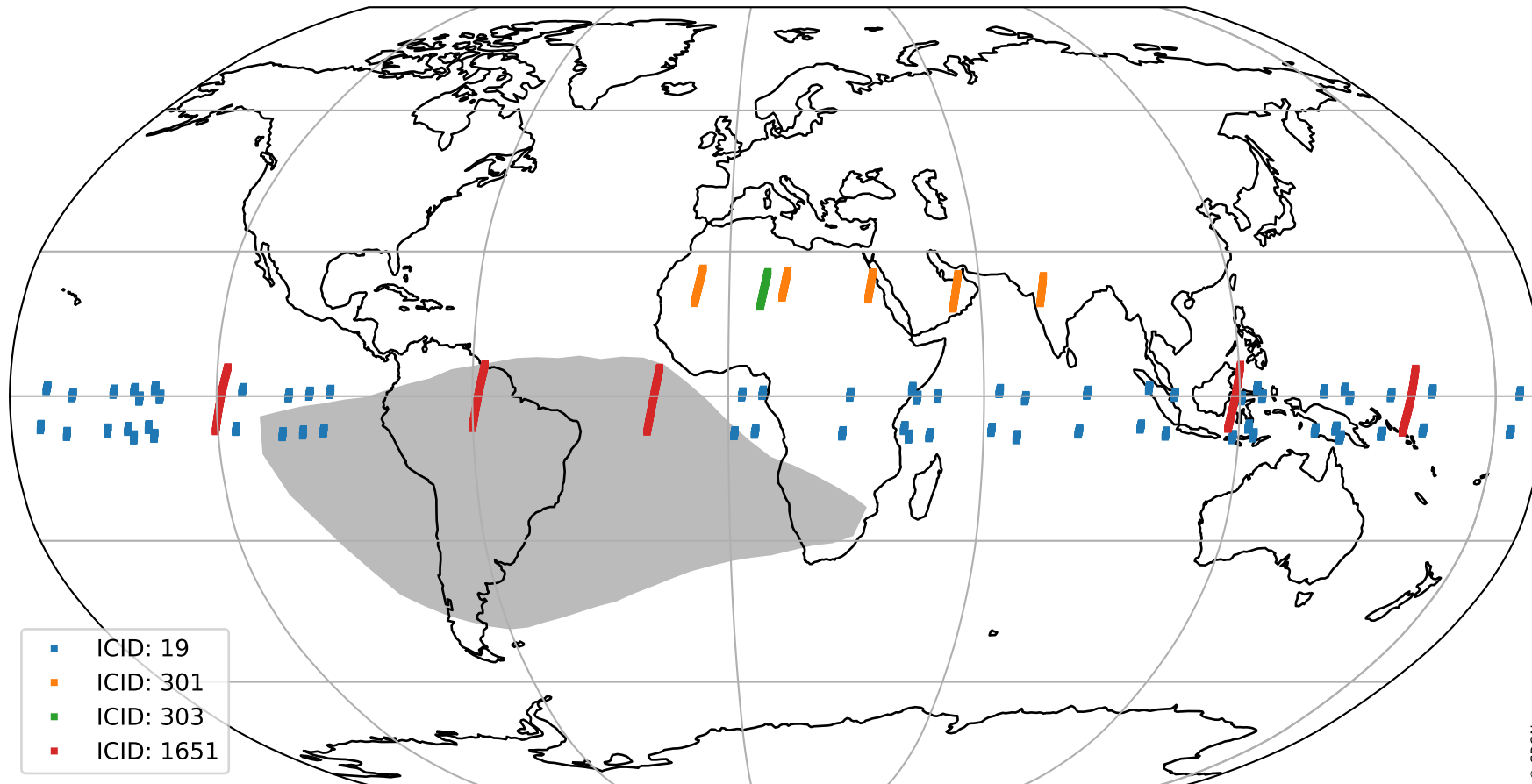
orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
median : 0.98249  
spread : 0.17837  
created : 2023-08-21T16:42:32





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

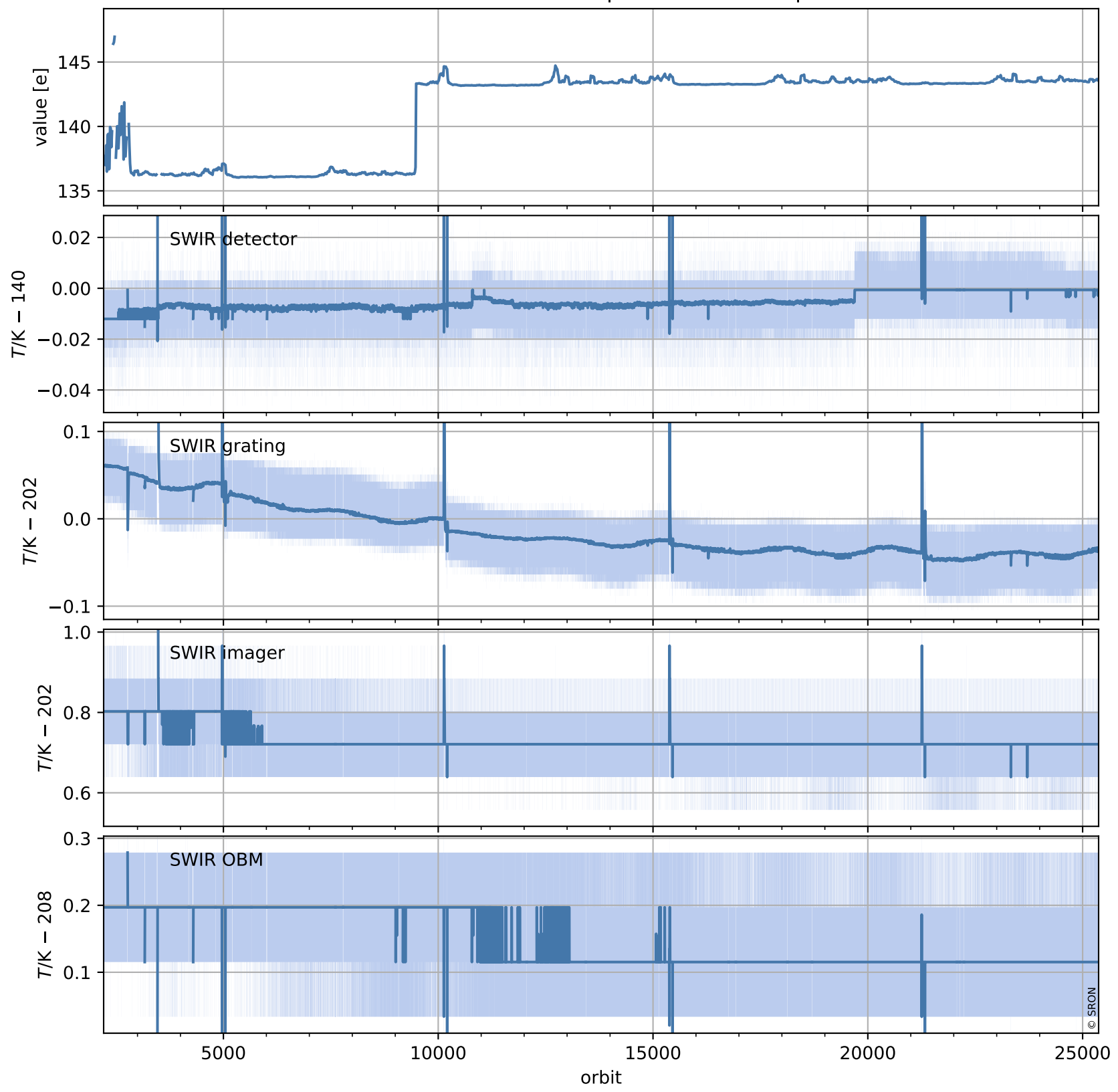
orbits : 11 in [25282, 25372]  
coverage : 2022-08-30 / 2022-09-05  
created : 2023-08-21T16:42:33



# Tropomi SWIR background noise (swir)

orbits : [2212, 25372]  
coverage : 2018-03-18 / 2022-09-05  
created : 2023-08-21T16:42:33

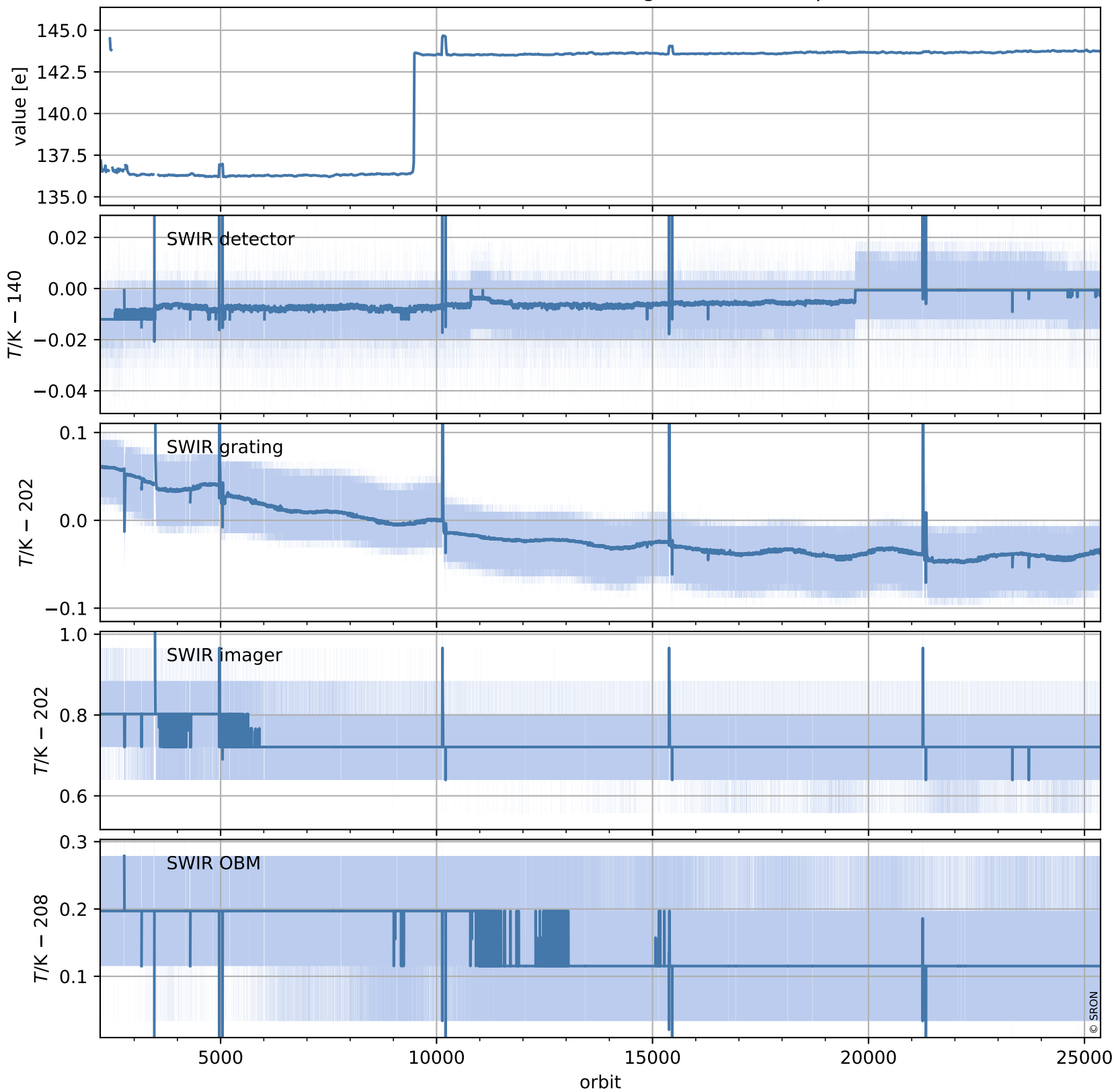
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25372]  
coverage : 2018-03-18 / 2022-09-05  
created : 2023-08-21T16:42:34

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25372]  
coverage : 2018-03-18 / 2022-09-05  
created : 2023-08-21T16:42:35

## trend of normalized read-noise & temperatures

