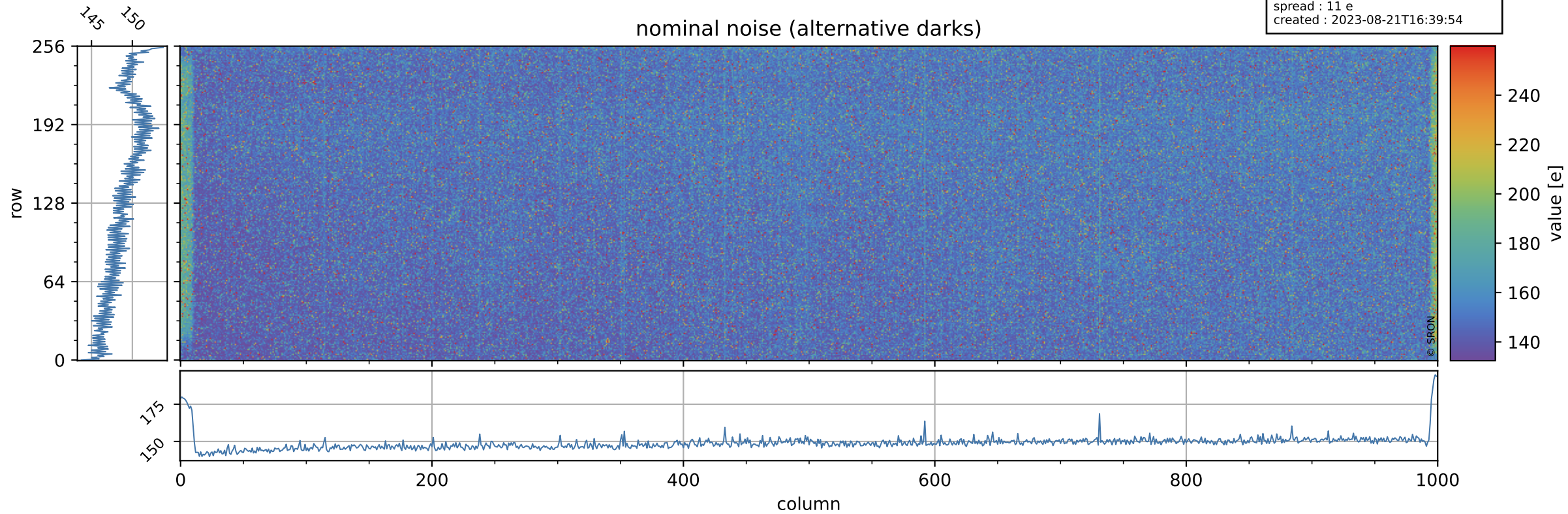


# Tropomi SWIR background noise (swir)

orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.78 e  
spread : 11 e  
created : 2023-08-21T16:39:54

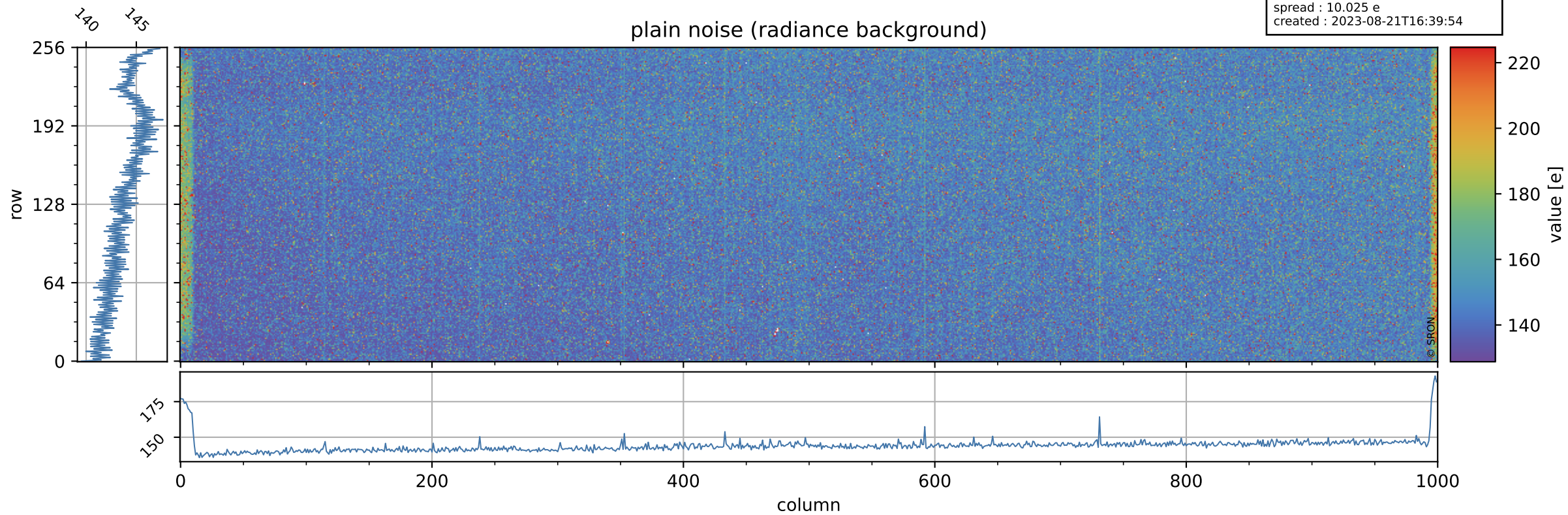
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.7 e  
spread : 10.025 e  
created : 2023-08-21T16:39:54

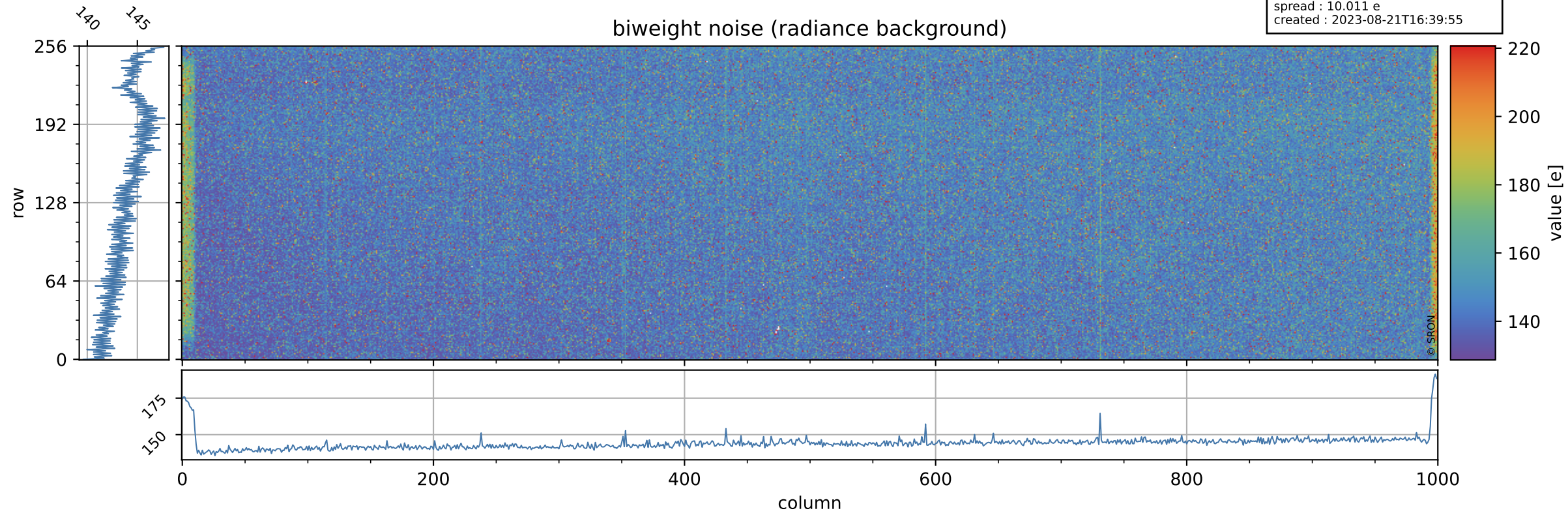
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 10.011 e  
created : 2023-08-21T16:39:55

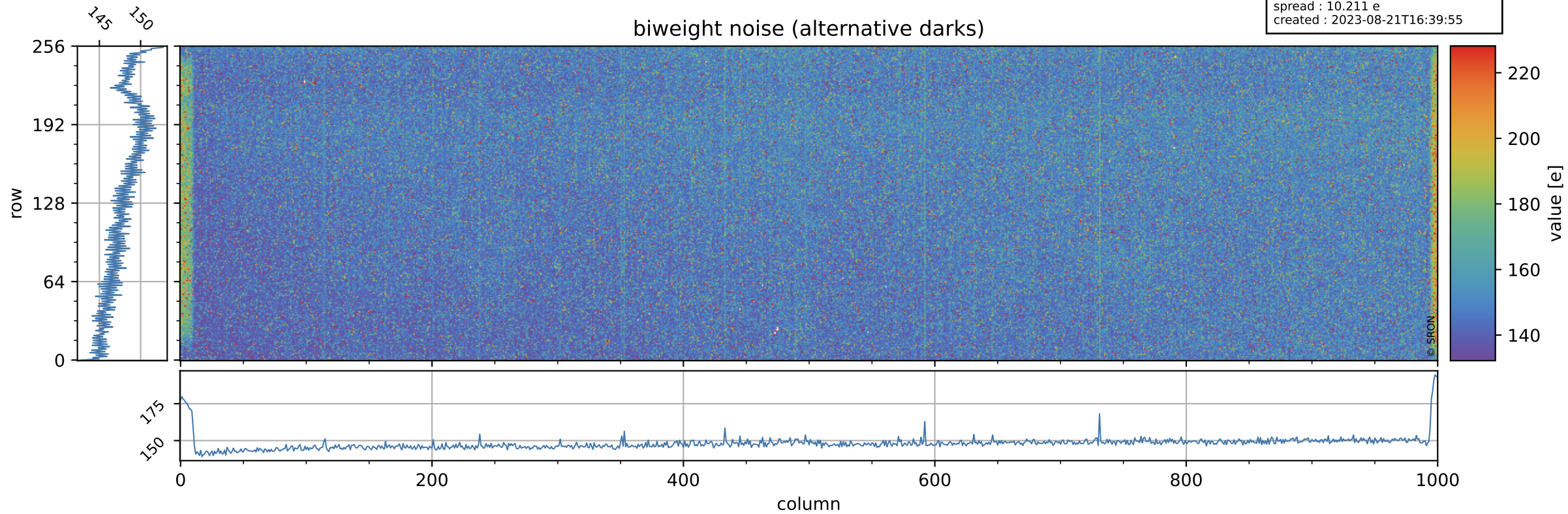
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.211 e  
created : 2023-08-21T16:39:55

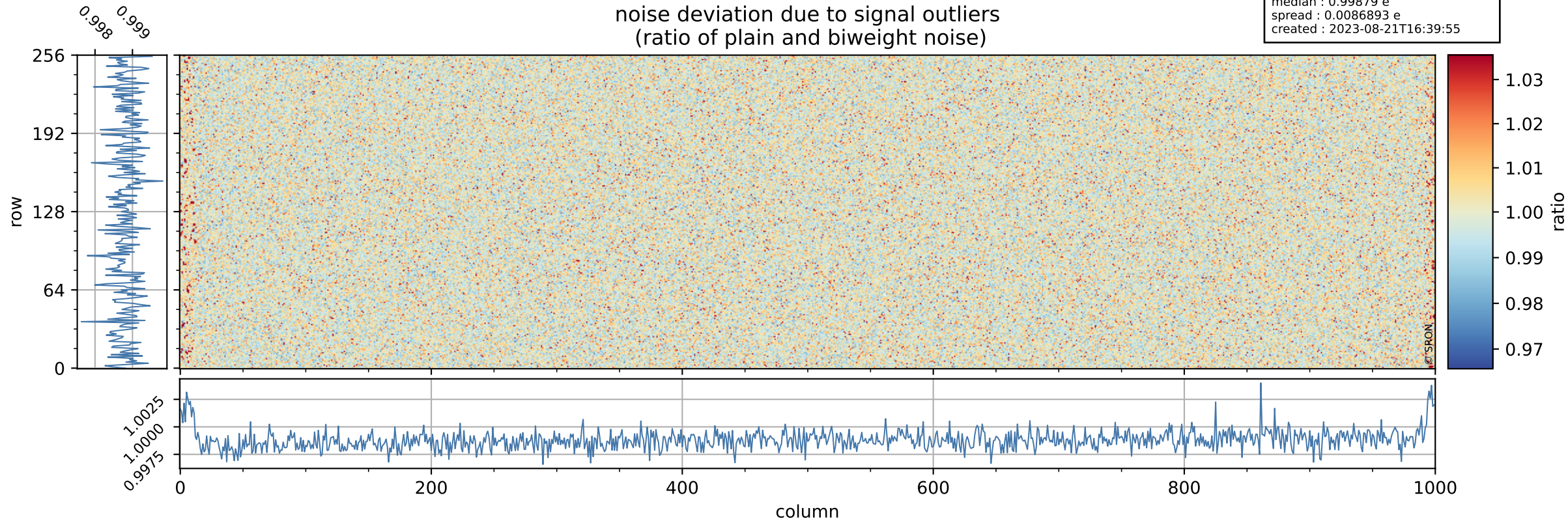
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

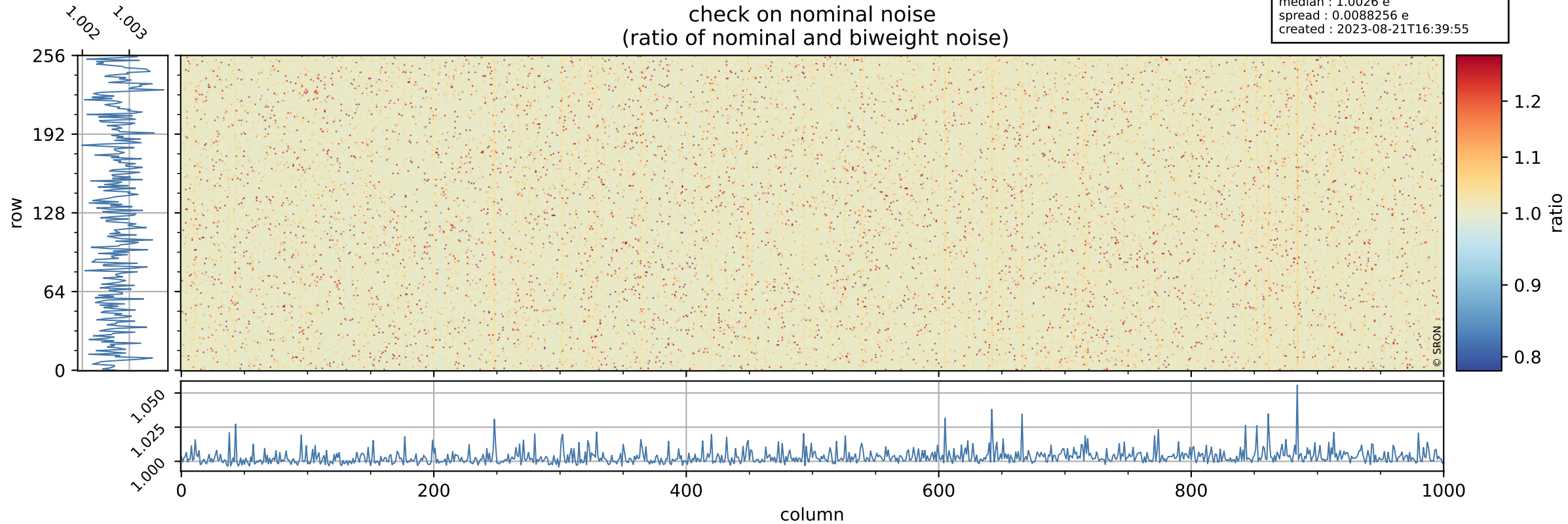
orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
median : 0.99879 e  
spread : 0.0086893 e  
created : 2023-08-21T16:39:55



# Tropomi SWIR background noise (swir)

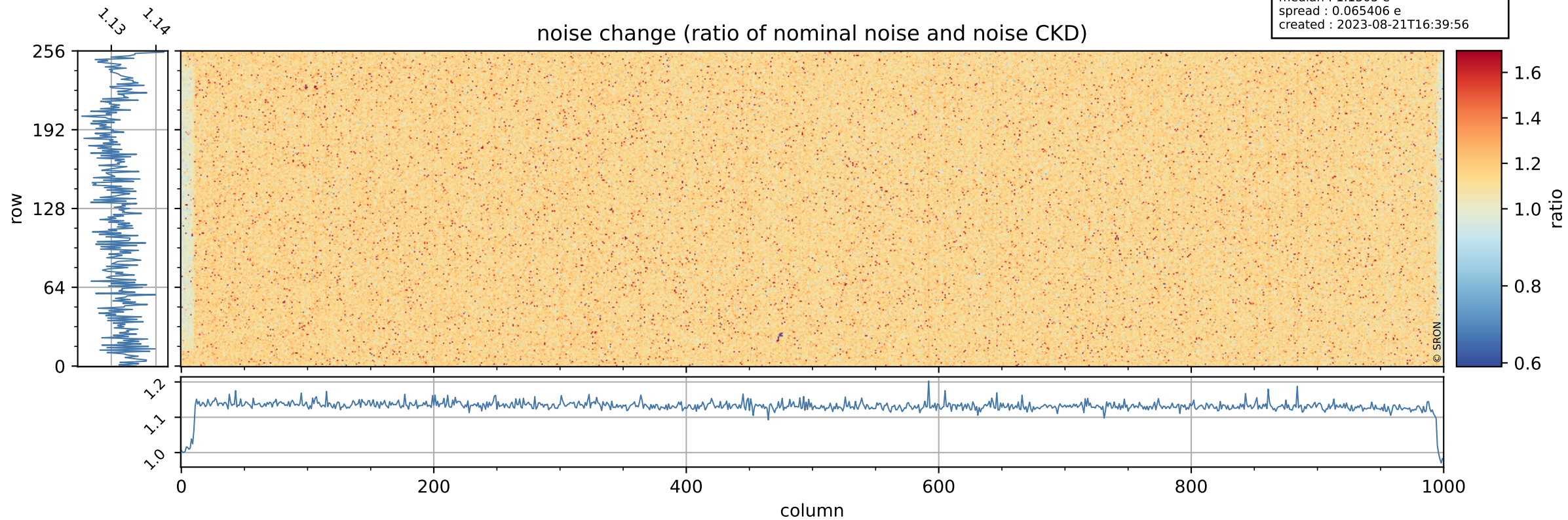
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
median : 1.0026 e  
spread : 0.0088256 e  
created : 2023-08-21T16:39:55



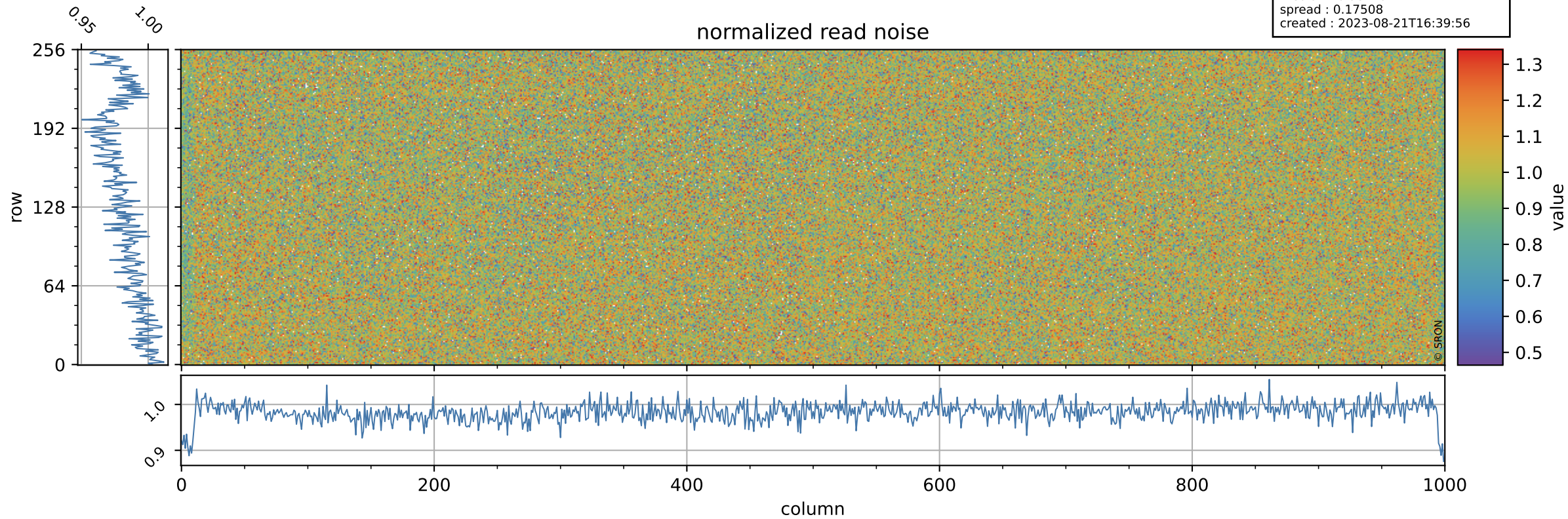
# Tropomi SWIR background noise (swir)

orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
median : 1.1305 e  
spread : 0.065406 e  
created : 2023-08-21T16:39:56



# Tropomi SWIR background noise (swir)

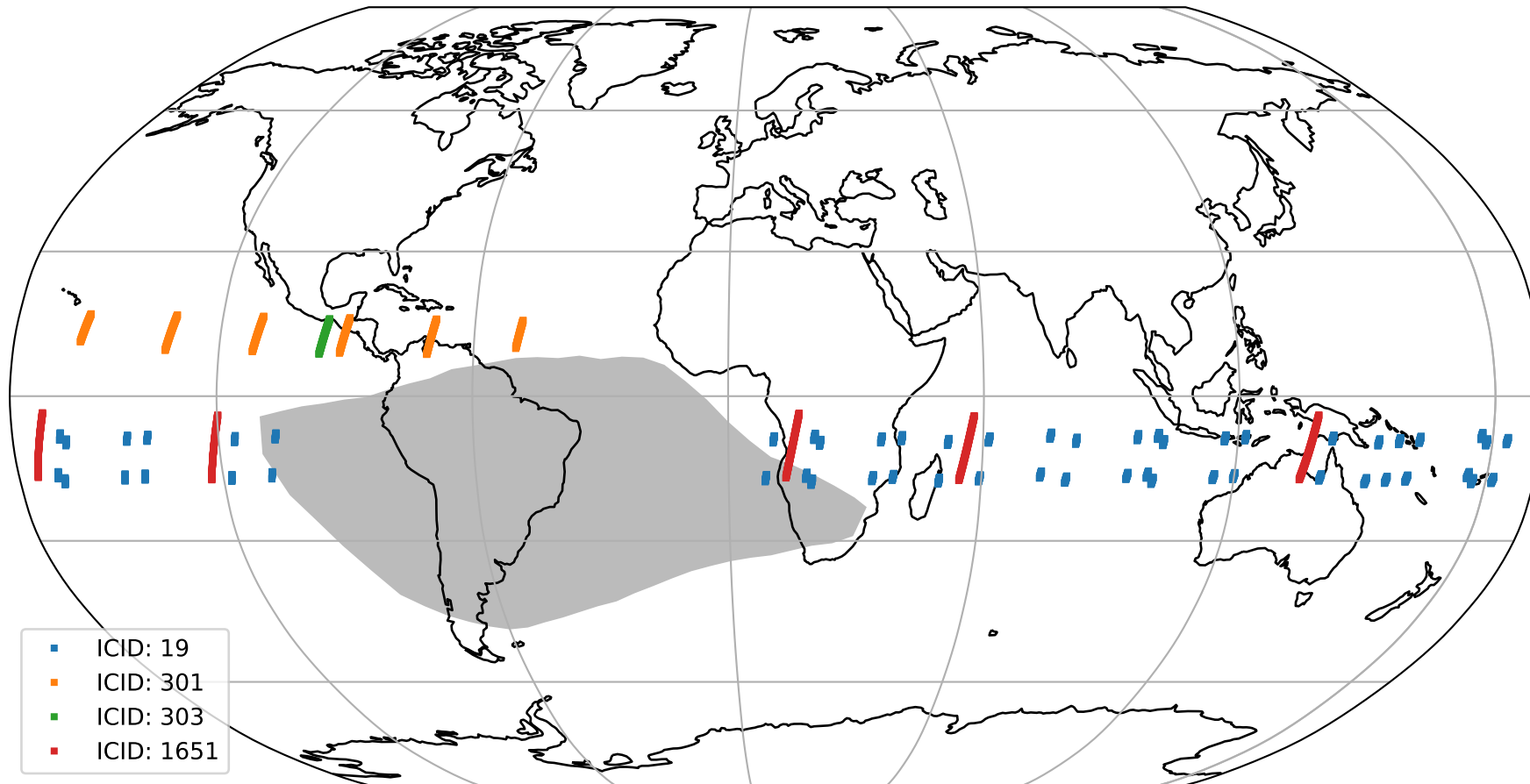
orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
median : 0.98179  
spread : 0.17508  
created : 2023-08-21T16:39:56





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

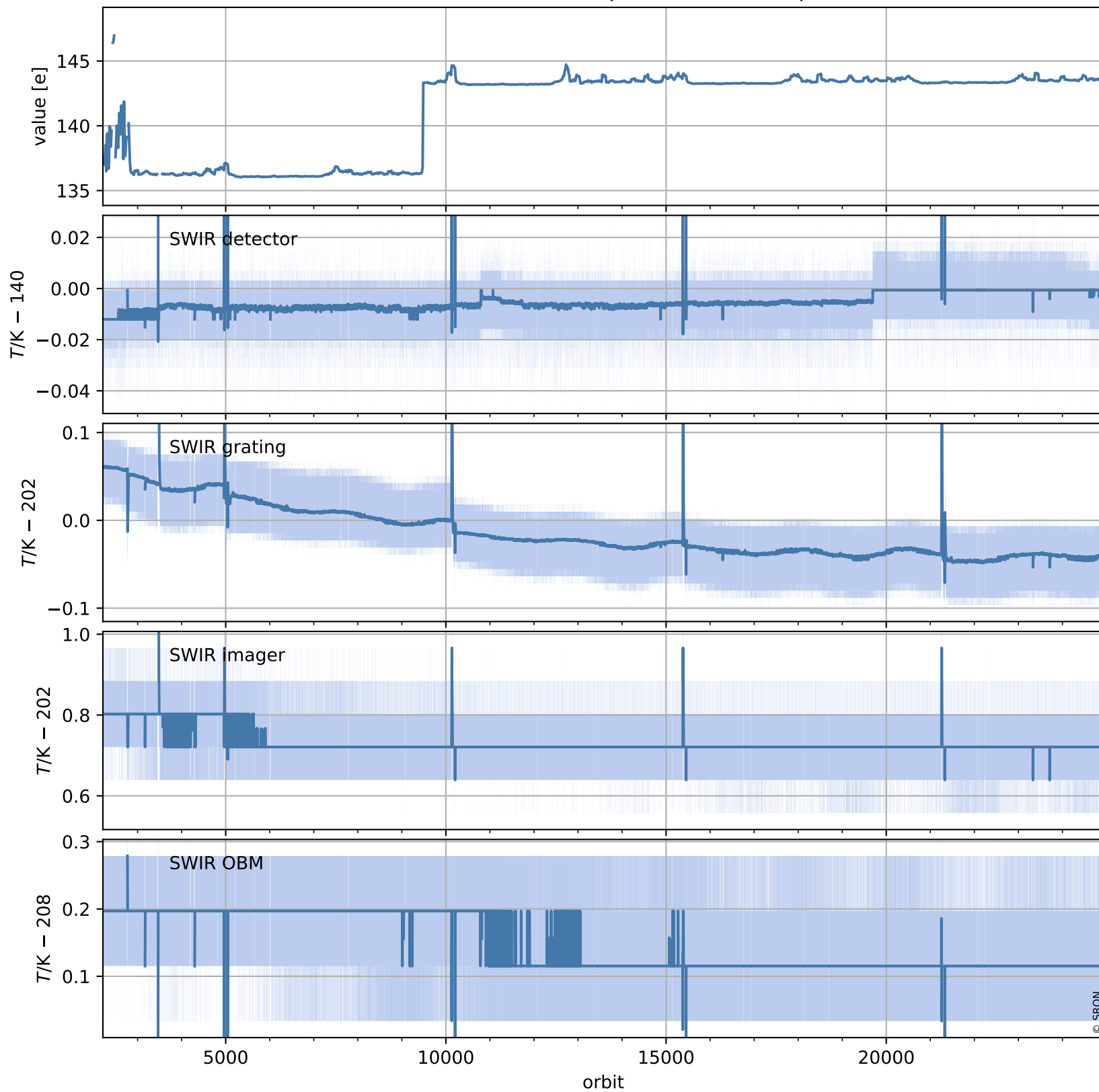
orbits : 12 in [24862, 24937]  
coverage : 2022-07-31 / 2022-08-05  
created : 2023-08-21T16:39:56



# Tropomi SWIR background noise (swir)

orbits : [2212, 24937]  
coverage : 2018-03-18 / 2022-08-05  
created : 2023-08-21T16:39:56

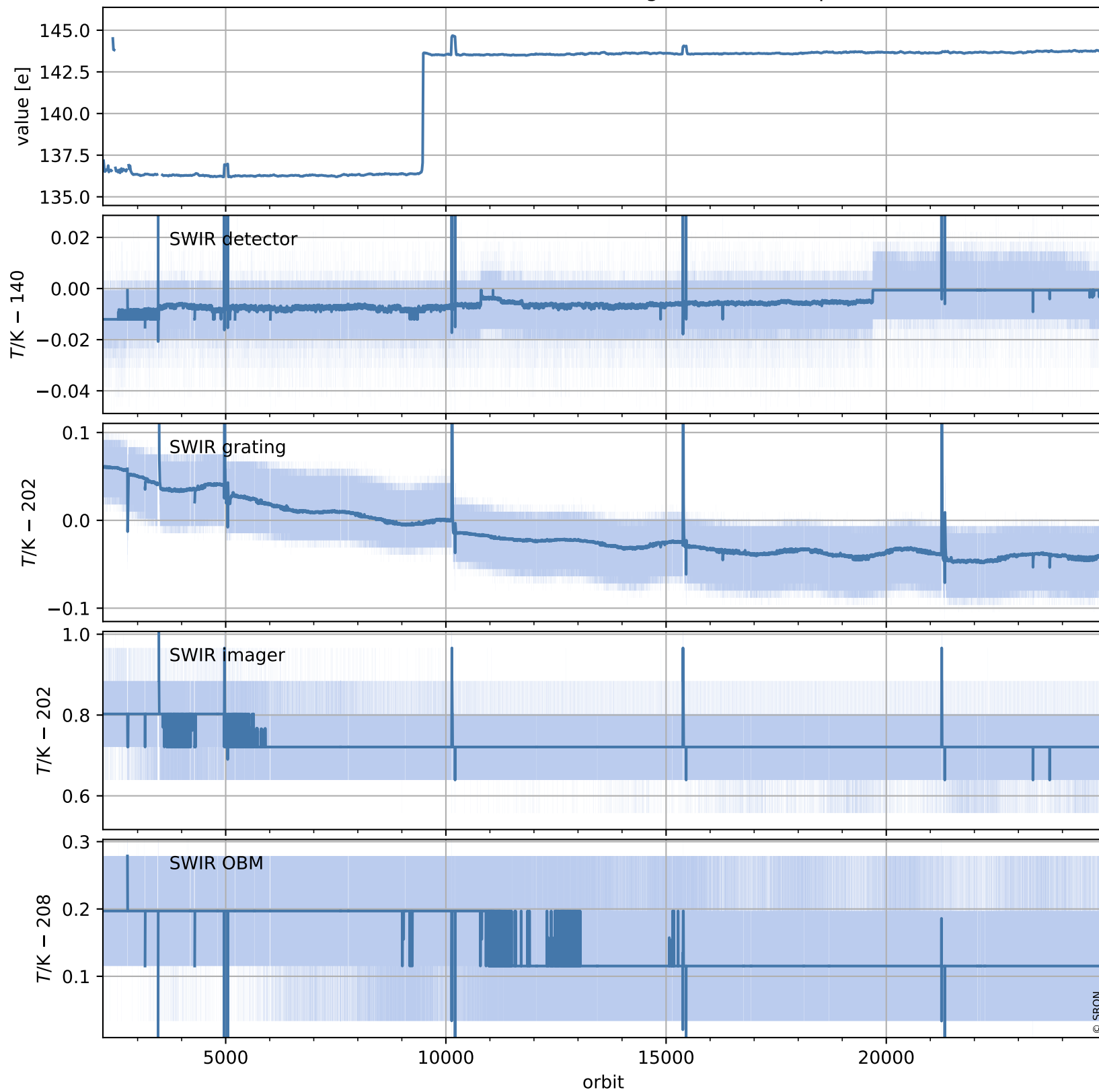
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24937]  
coverage : 2018-03-18 / 2022-08-05  
created : 2023-08-21T16:39:57

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24937]  
coverage : 2018-03-18 / 2022-08-05  
created : 2023-08-21T16:39:58

## trend of normalized read-noise & temperatures

