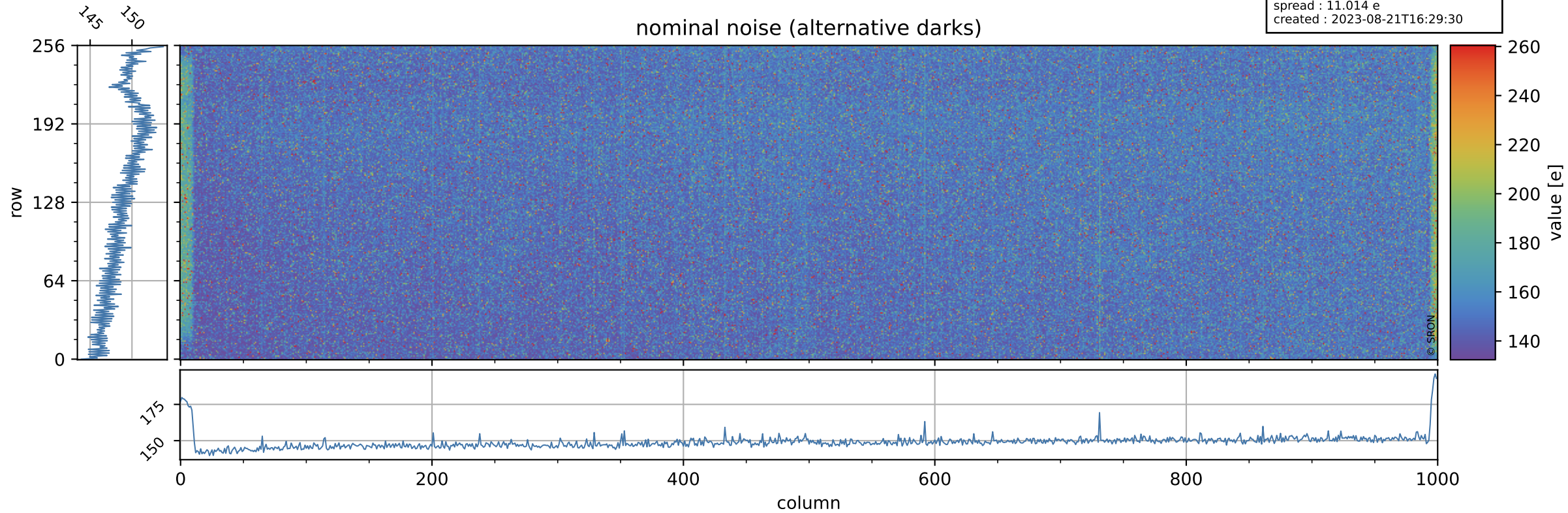


# Tropomi SWIR background noise (swir)

orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.82 e  
spread : 11.014 e  
created : 2023-08-21T16:29:30

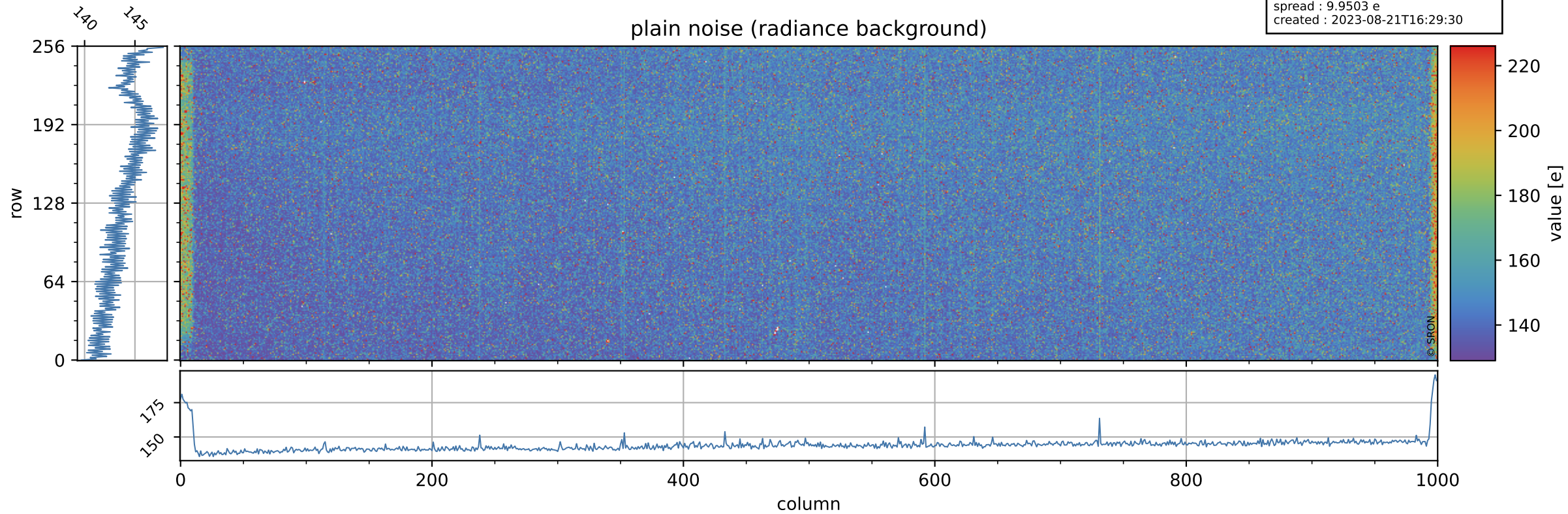
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.9503 e  
created : 2023-08-21T16:29:30

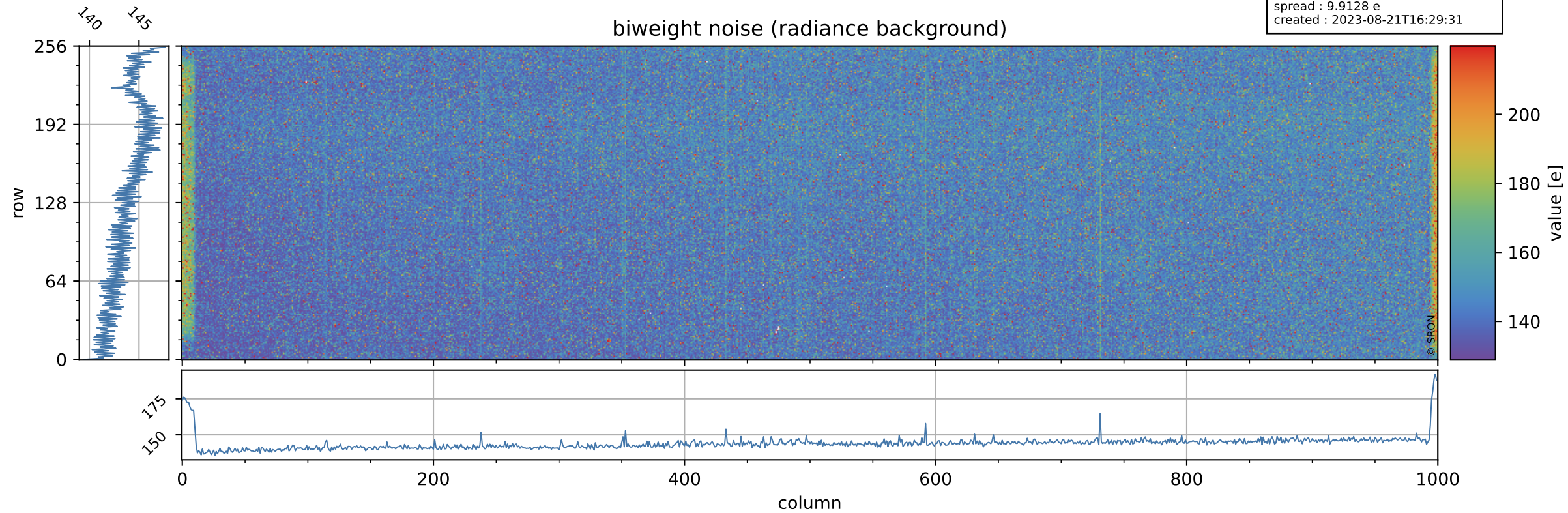
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.9128 e  
created : 2023-08-21T16:29:31

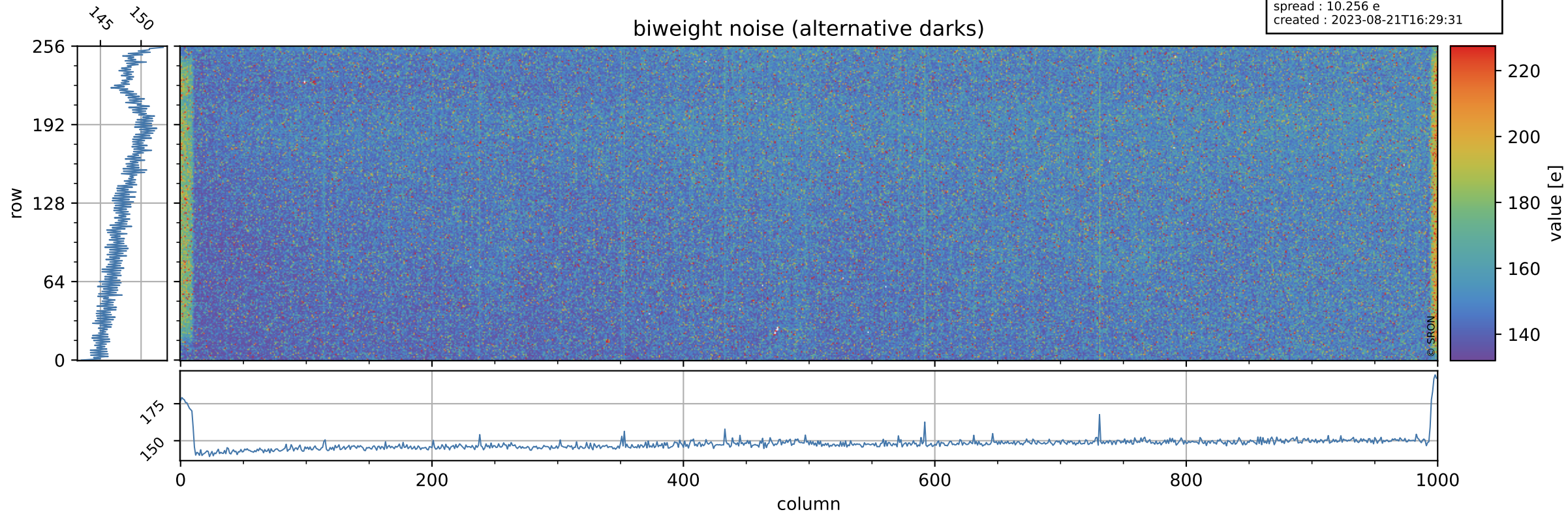
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.77 e  
spread : 10.256 e  
created : 2023-08-21T16:29:31

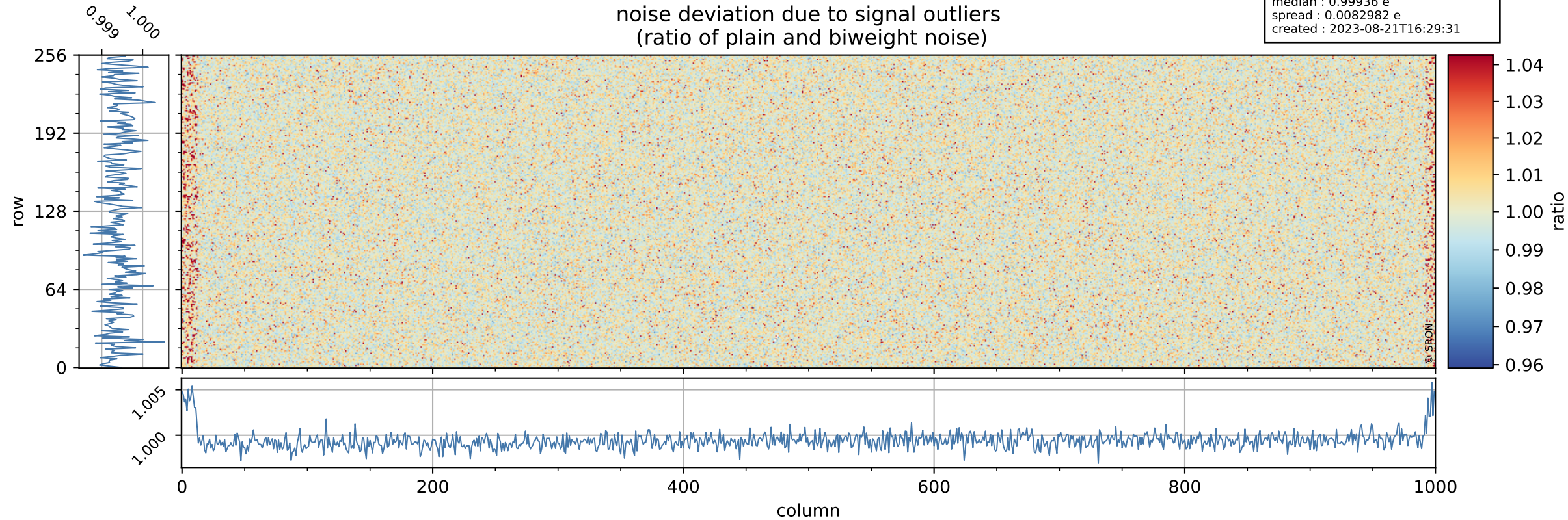
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

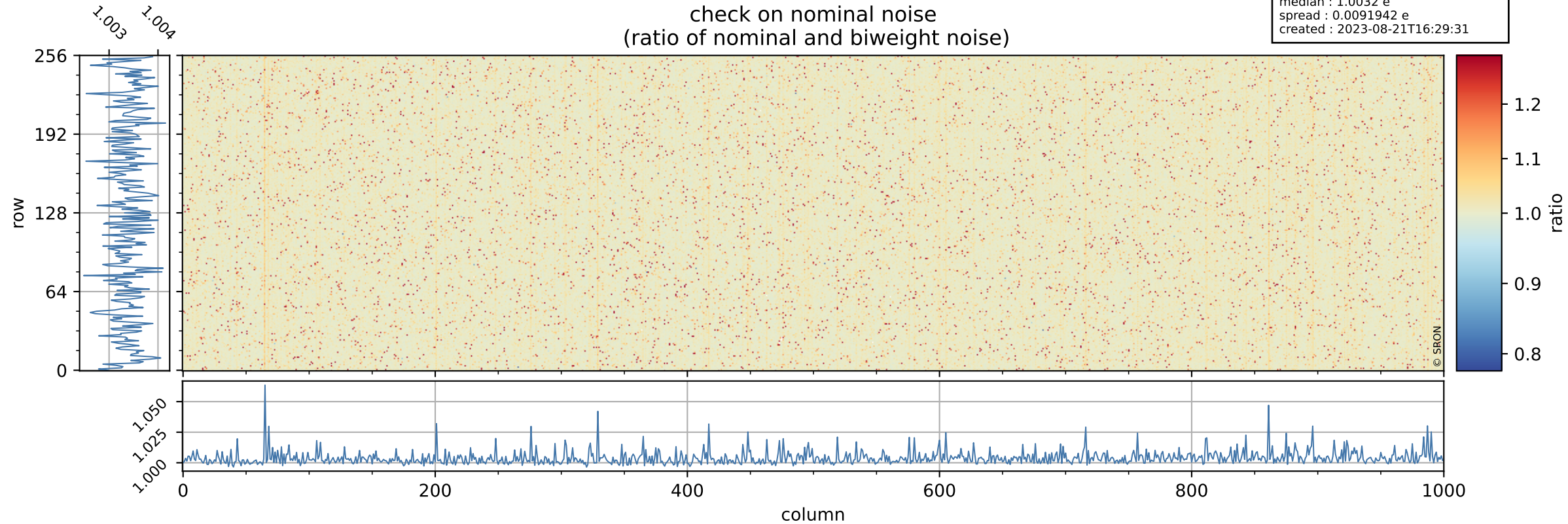
orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
median : 0.99936 e  
spread : 0.0082982 e  
created : 2023-08-21T16:29:31



# Tropomi SWIR background noise (swir)

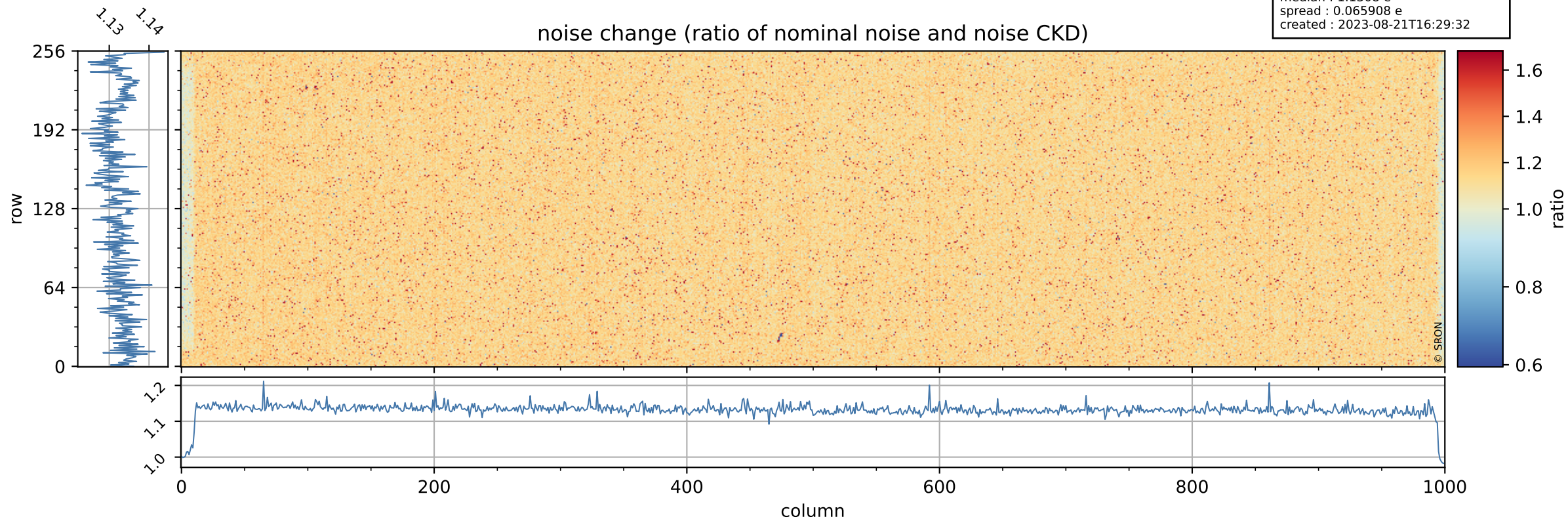
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
median : 1.0032 e  
spread : 0.0091942 e  
created : 2023-08-21T16:29:31



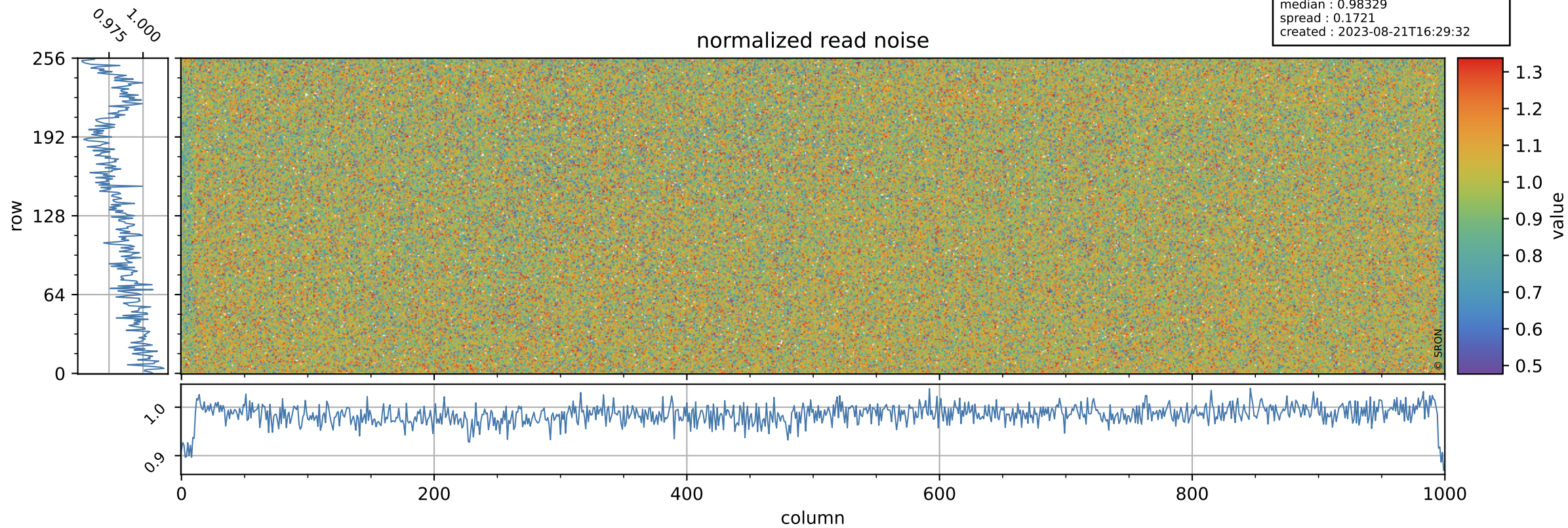
# Tropomi SWIR background noise (swir)

orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
median : 1.1308 e  
spread : 0.065908 e  
created : 2023-08-21T16:29:32



# Tropomi SWIR background noise (swir)

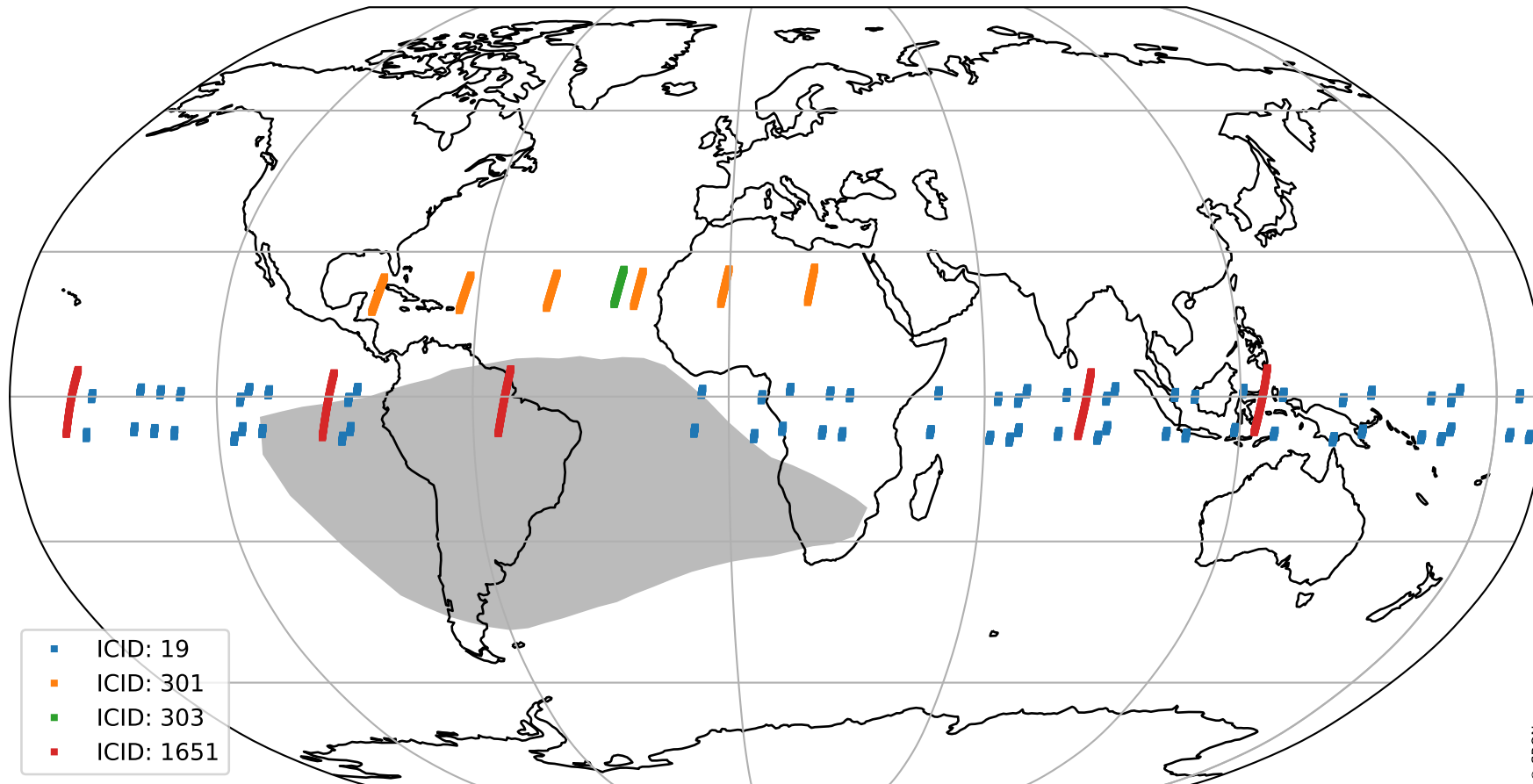
orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
median : 0.98329  
spread : 0.1721  
created : 2023-08-21T16:29:32





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

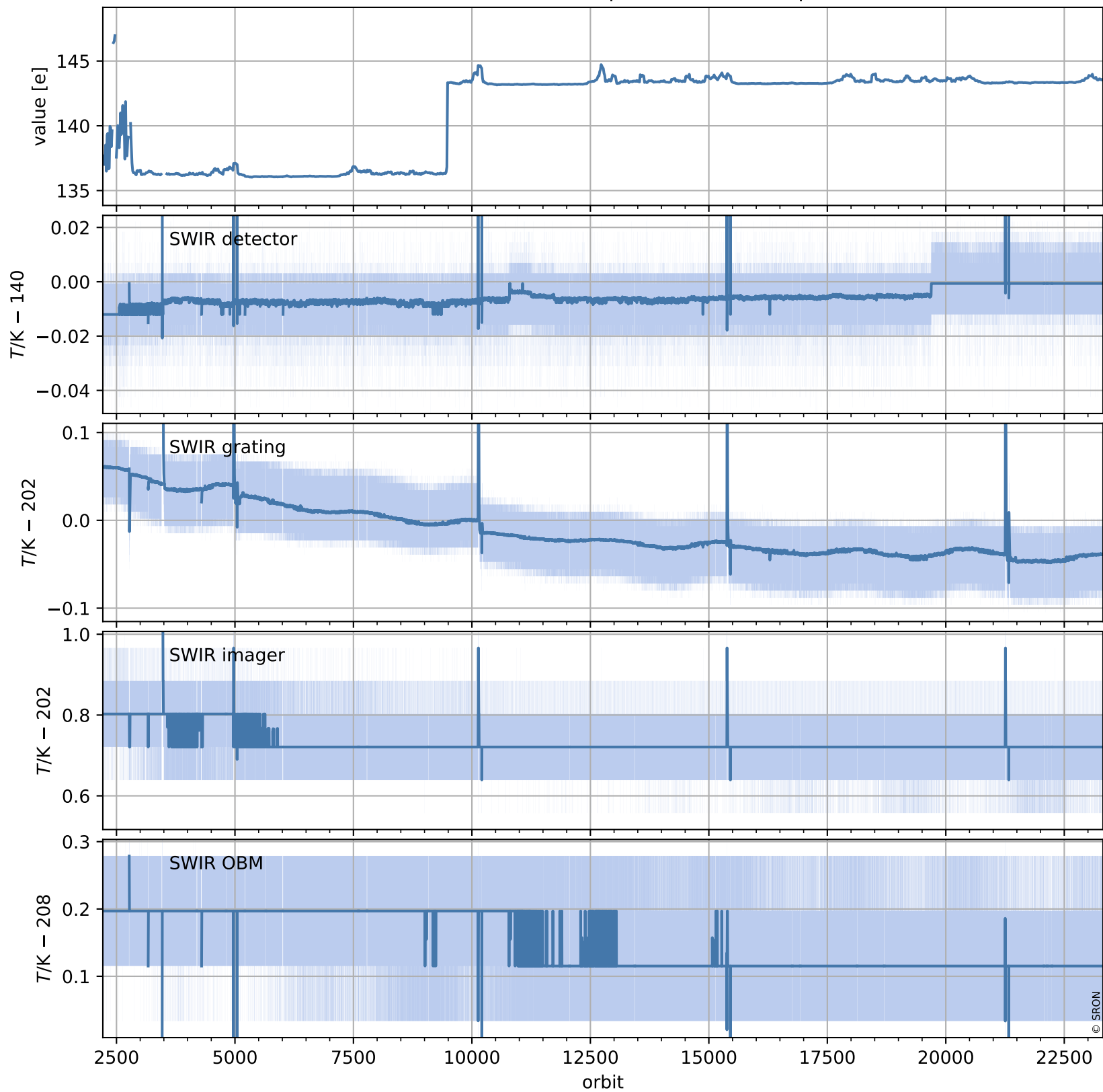
orbits : 12 in [23242, 23317]  
coverage : 2022-04-07 / 2022-04-13  
created : 2023-08-21T16:29:32



# Tropomi SWIR background noise (swir)

orbits : [2212, 23317]  
coverage : 2018-03-18 / 2022-04-13  
created : 2023-08-21T16:29:33

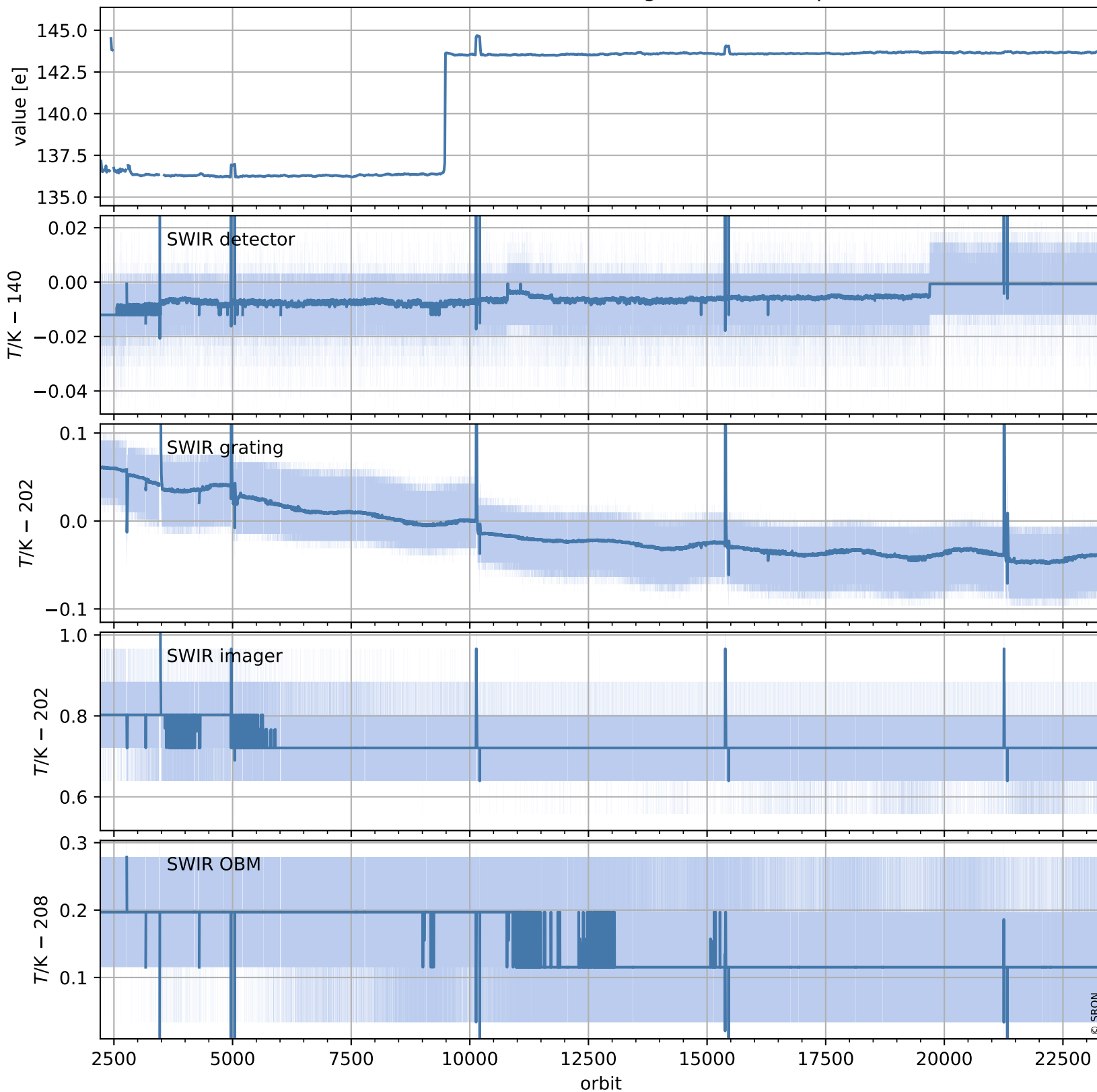
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23317]  
coverage : 2018-03-18 / 2022-04-13  
created : 2023-08-21T16:29:34

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23317]  
coverage : 2018-03-18 / 2022-04-13  
created : 2023-08-21T16:29:35

## trend of normalized read-noise & temperatures

