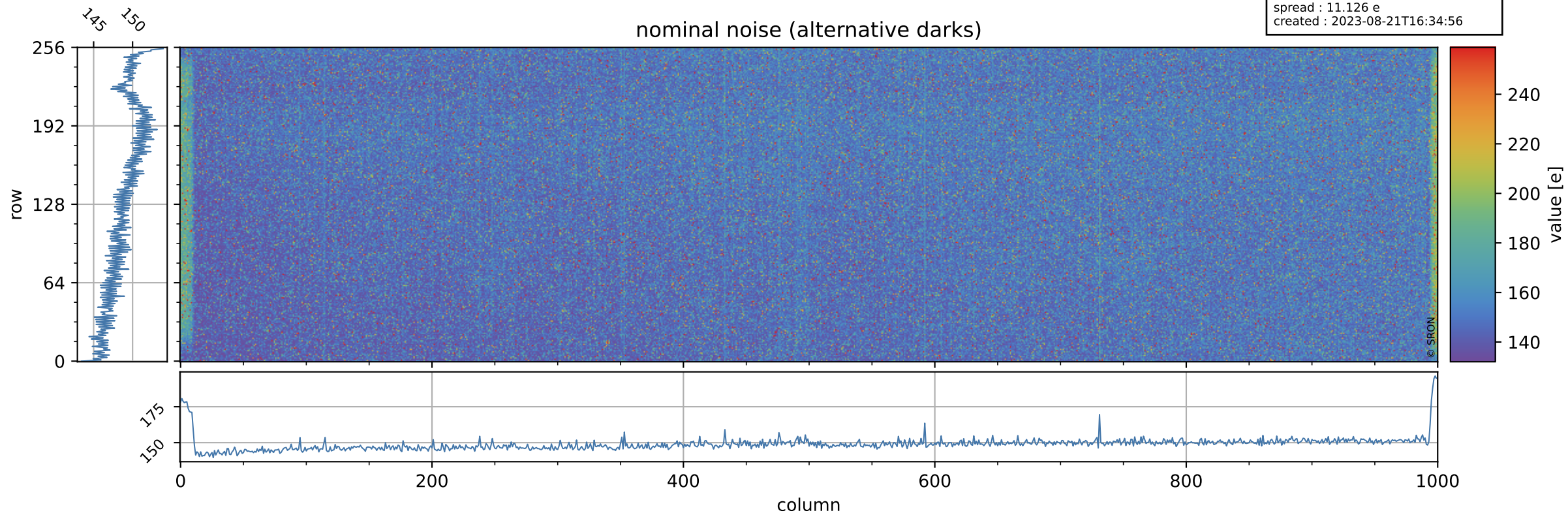


# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.81 e  
spread : 11.126 e  
created : 2023-08-21T16:34:56

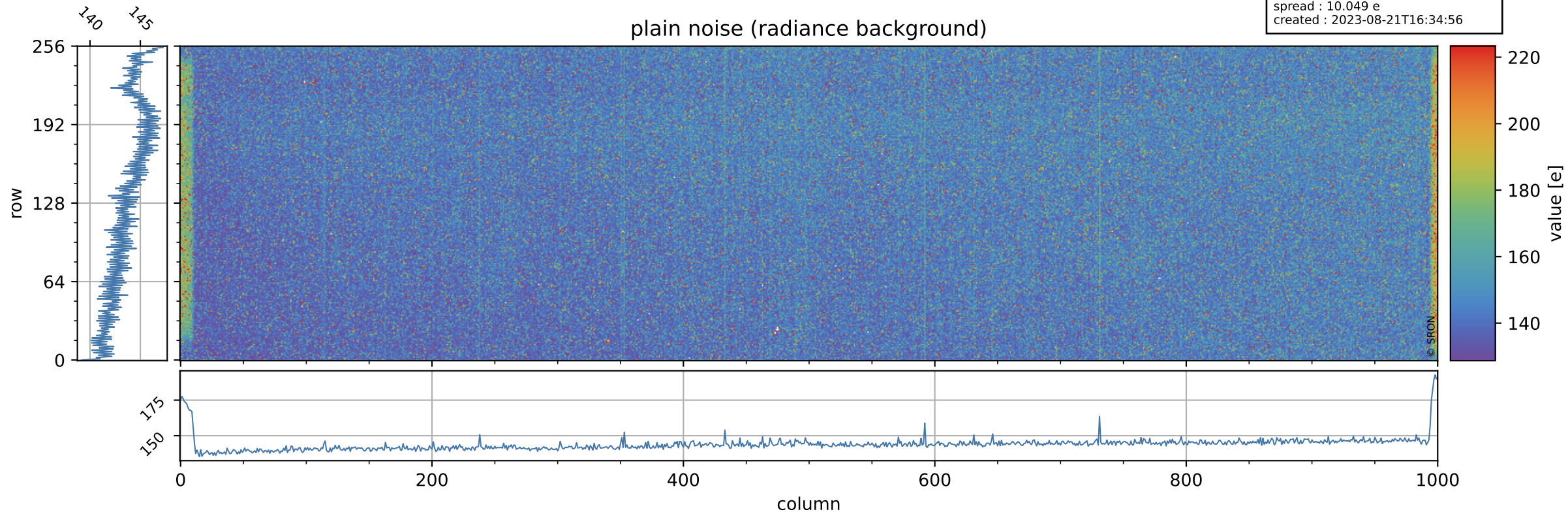
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 10.049 e  
created : 2023-08-21T16:34:56

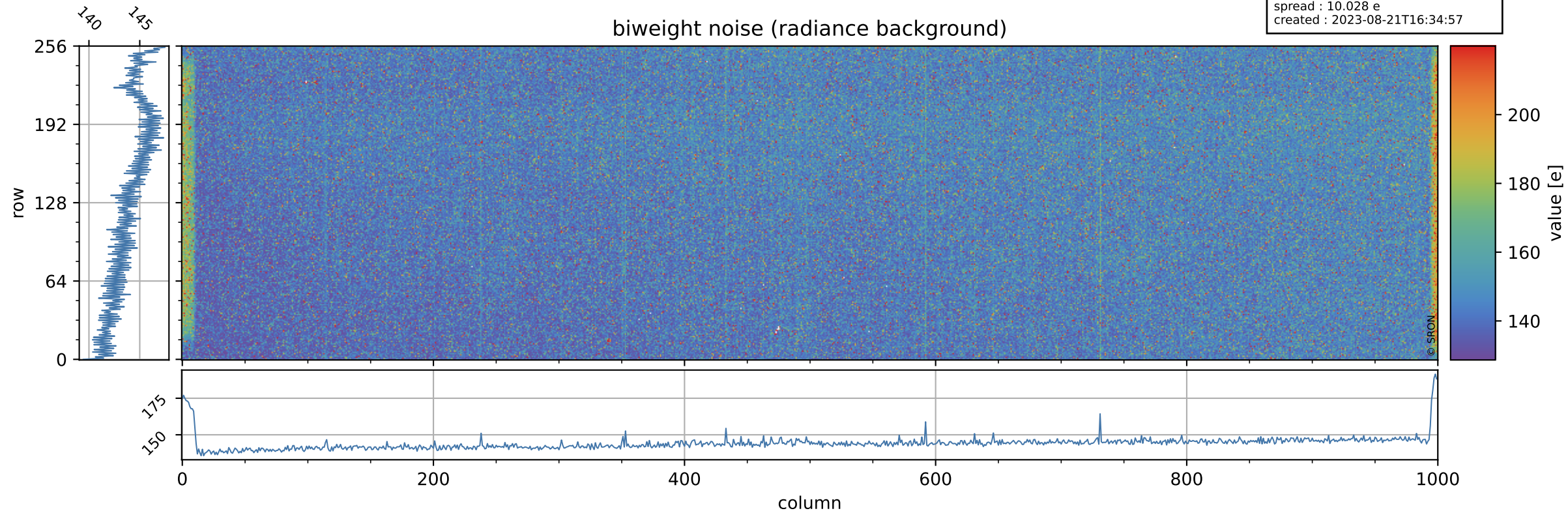
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.89 e  
spread : 10.028 e  
created : 2023-08-21T16:34:57

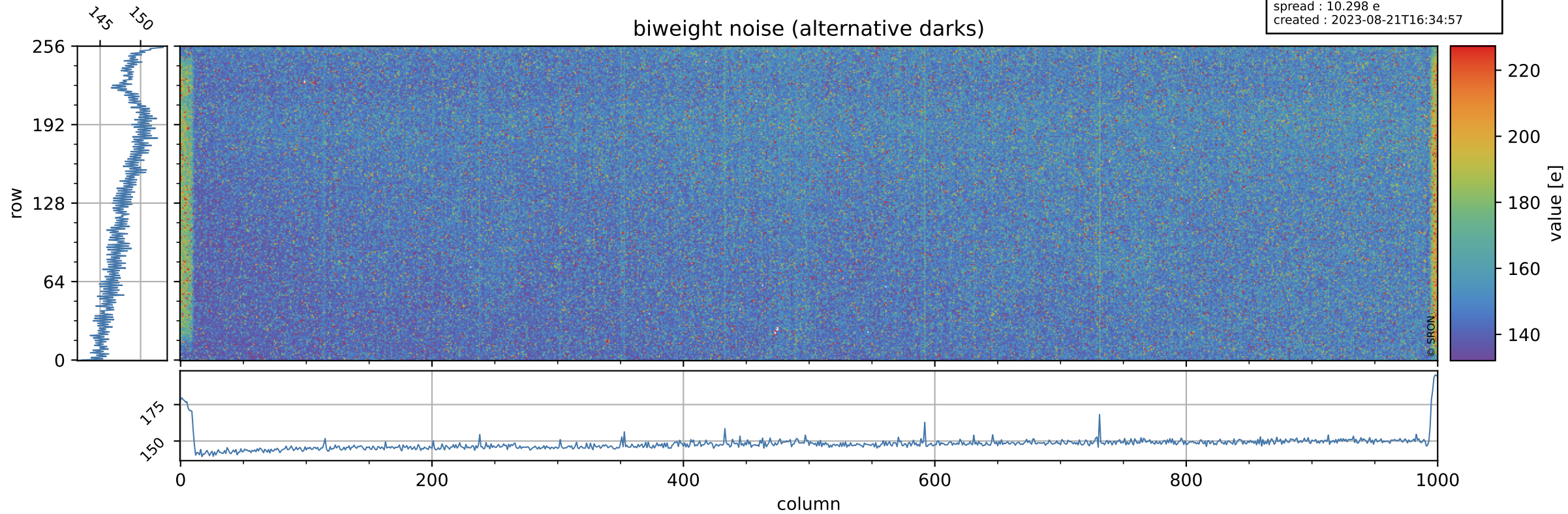
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.85 e  
spread : 10.298 e  
created : 2023-08-21T16:34:57

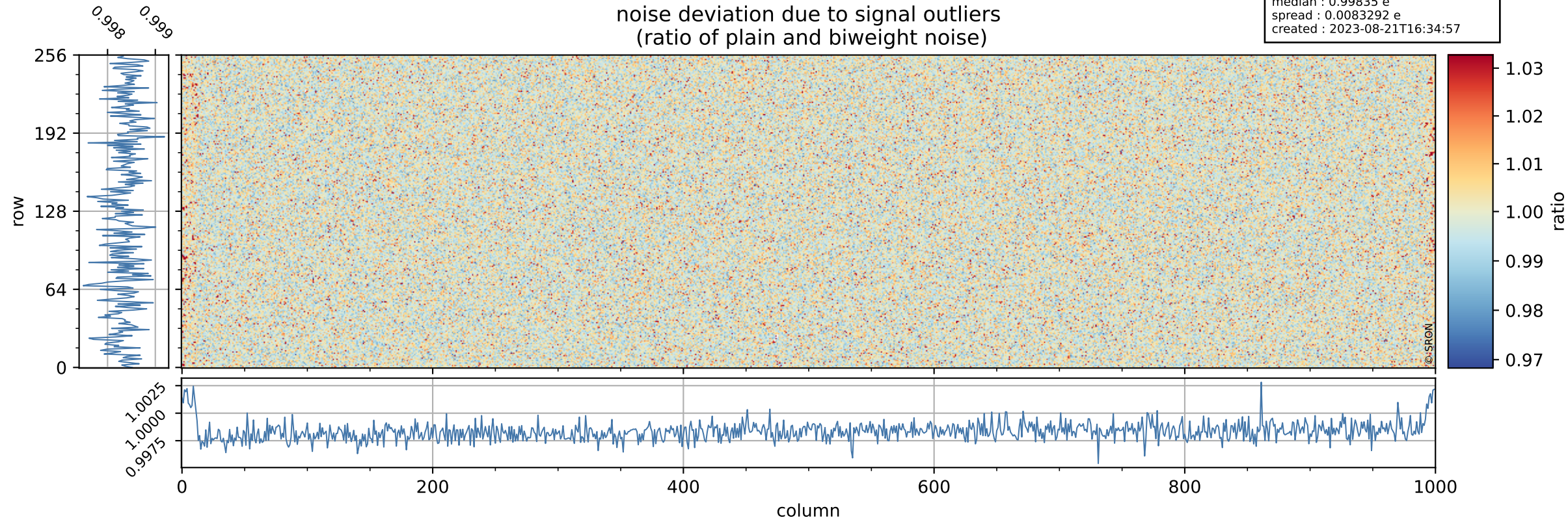
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

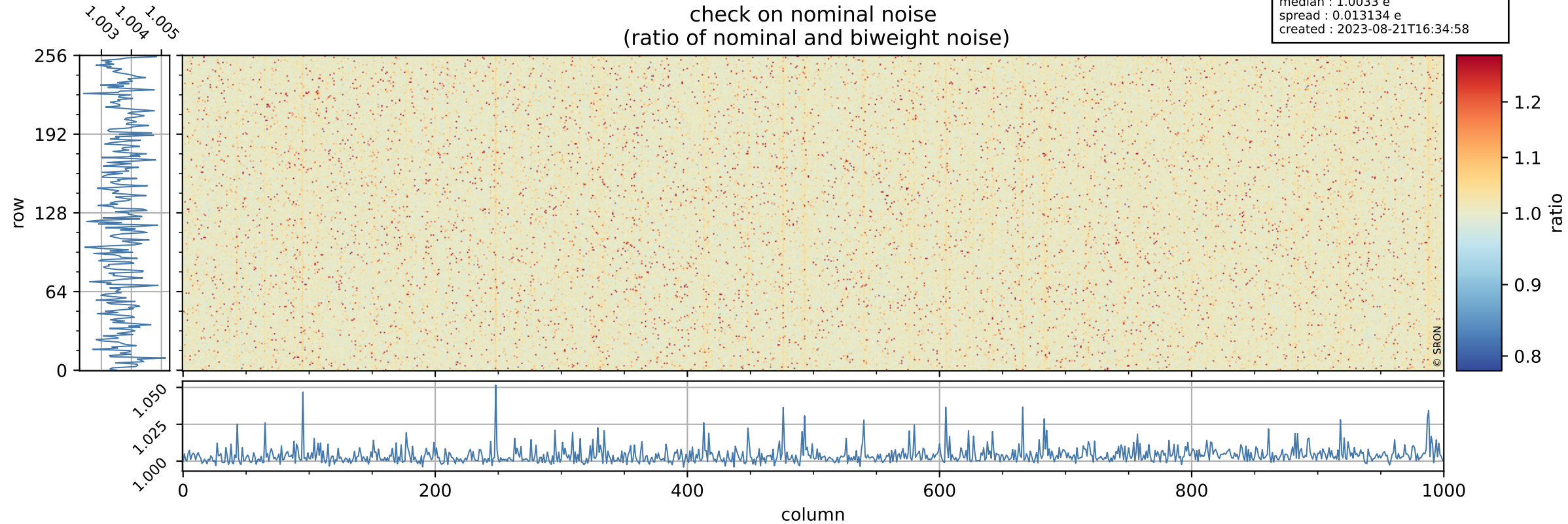
orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
median : 0.99835 e  
spread : 0.0083292 e  
created : 2023-08-21T16:34:57



# Tropomi SWIR background noise (swir)

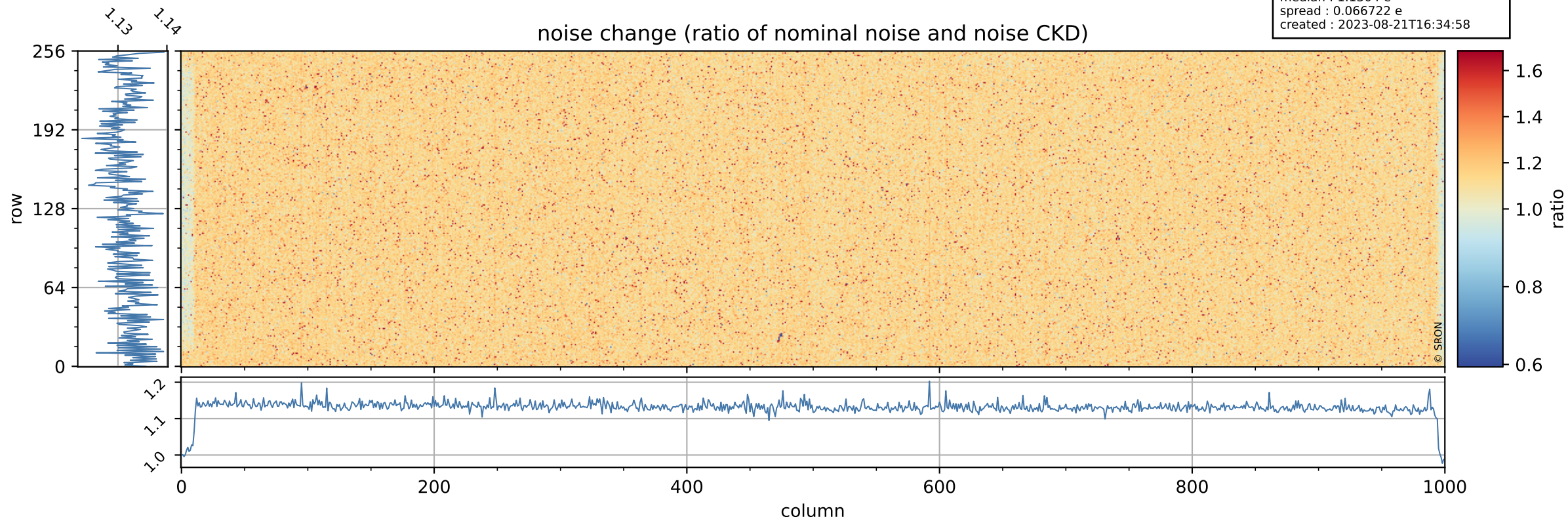
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
median : 1.0033 e  
spread : 0.013134 e  
created : 2023-08-21T16:34:58



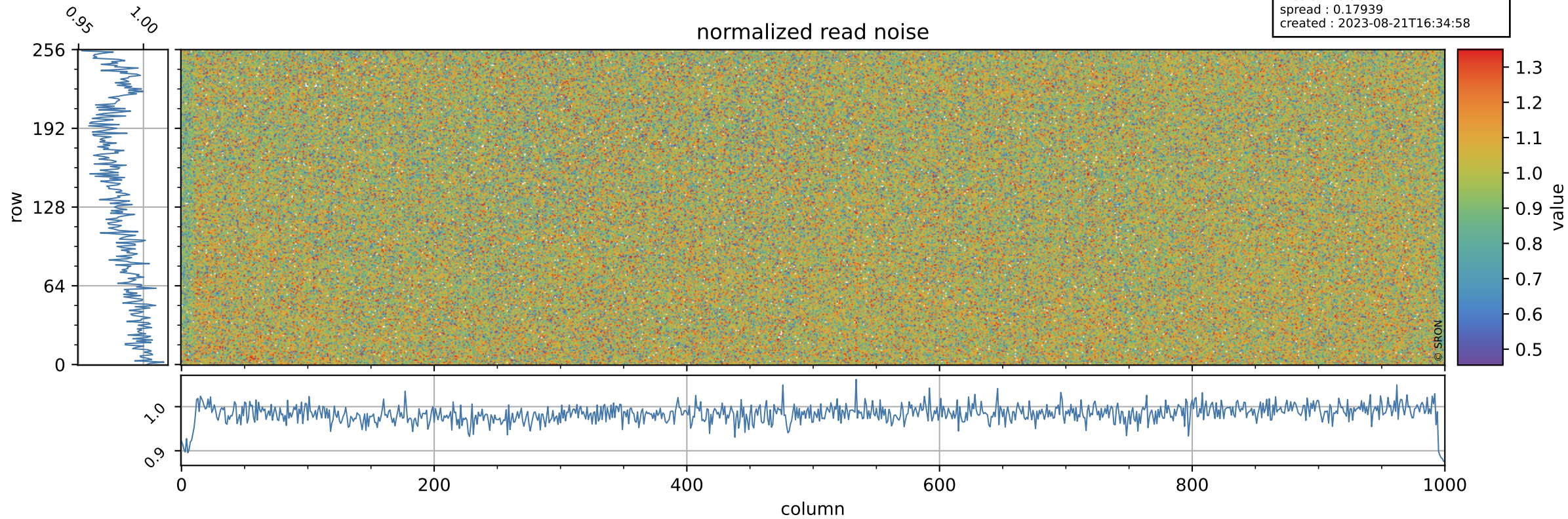
# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
median : 1.1304 e  
spread : 0.066722 e  
created : 2023-08-21T16:34:58



# Tropomi SWIR background noise (swir)

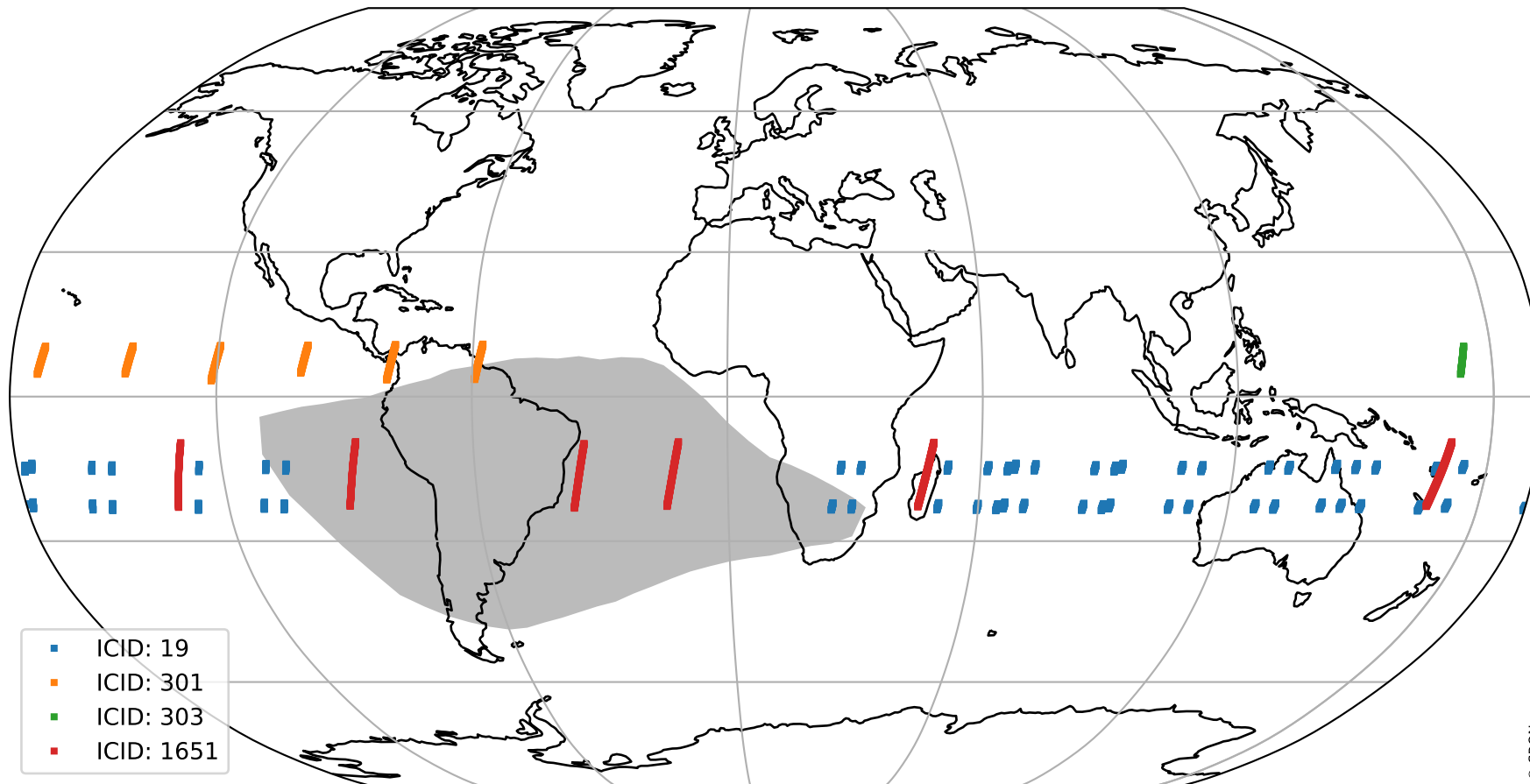
orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
median : 0.98213  
spread : 0.17939  
created : 2023-08-21T16:34:58





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

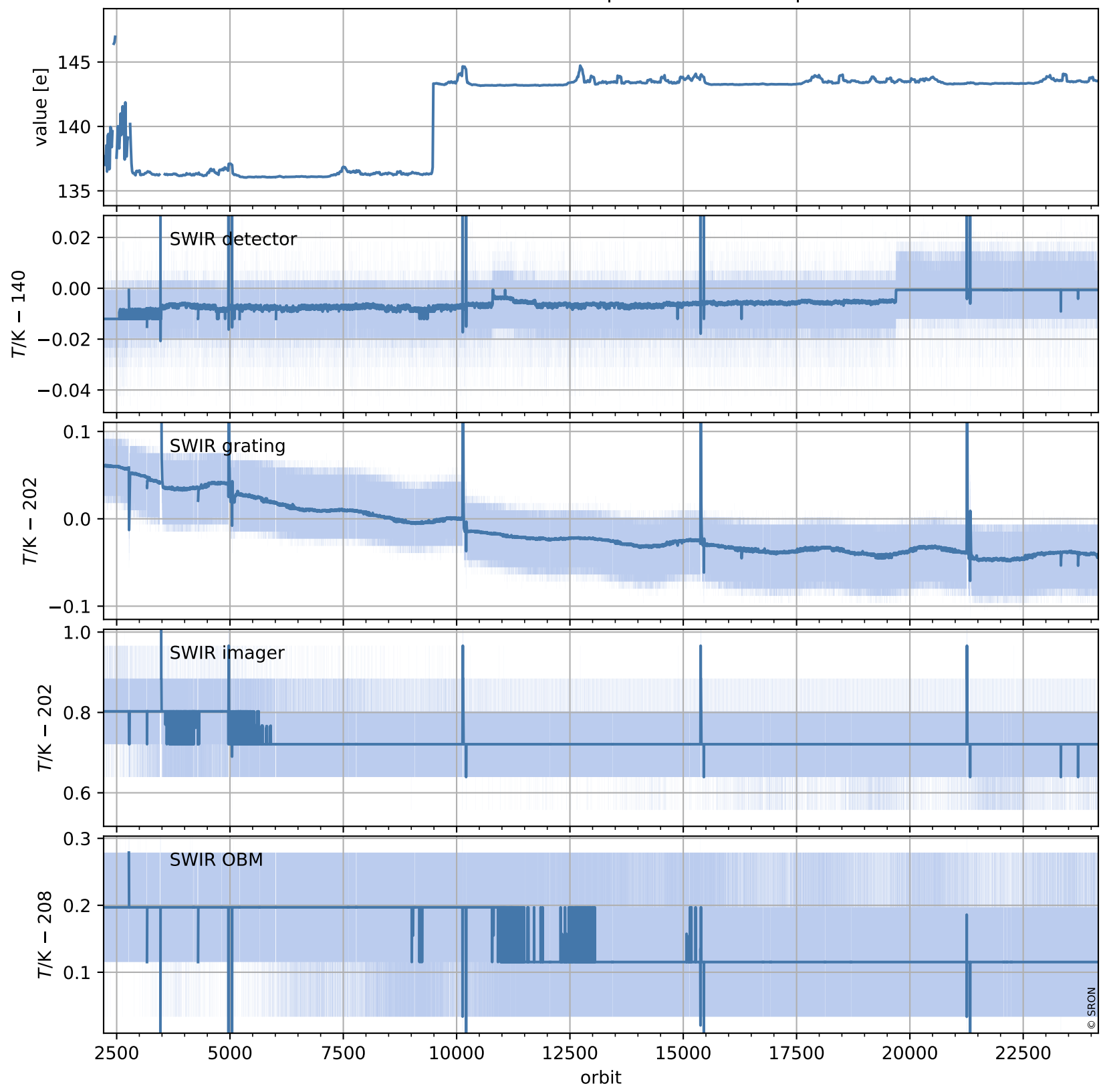
orbits : 13 in [24067, 24157]  
coverage : 2022-06-06 / 2022-06-12  
created : 2023-08-21T16:34:59



# Tropomi SWIR background noise (swir)

orbits : [2212, 24157]  
coverage : 2018-03-18 / 2022-06-12  
created : 2023-08-21T16:34:59

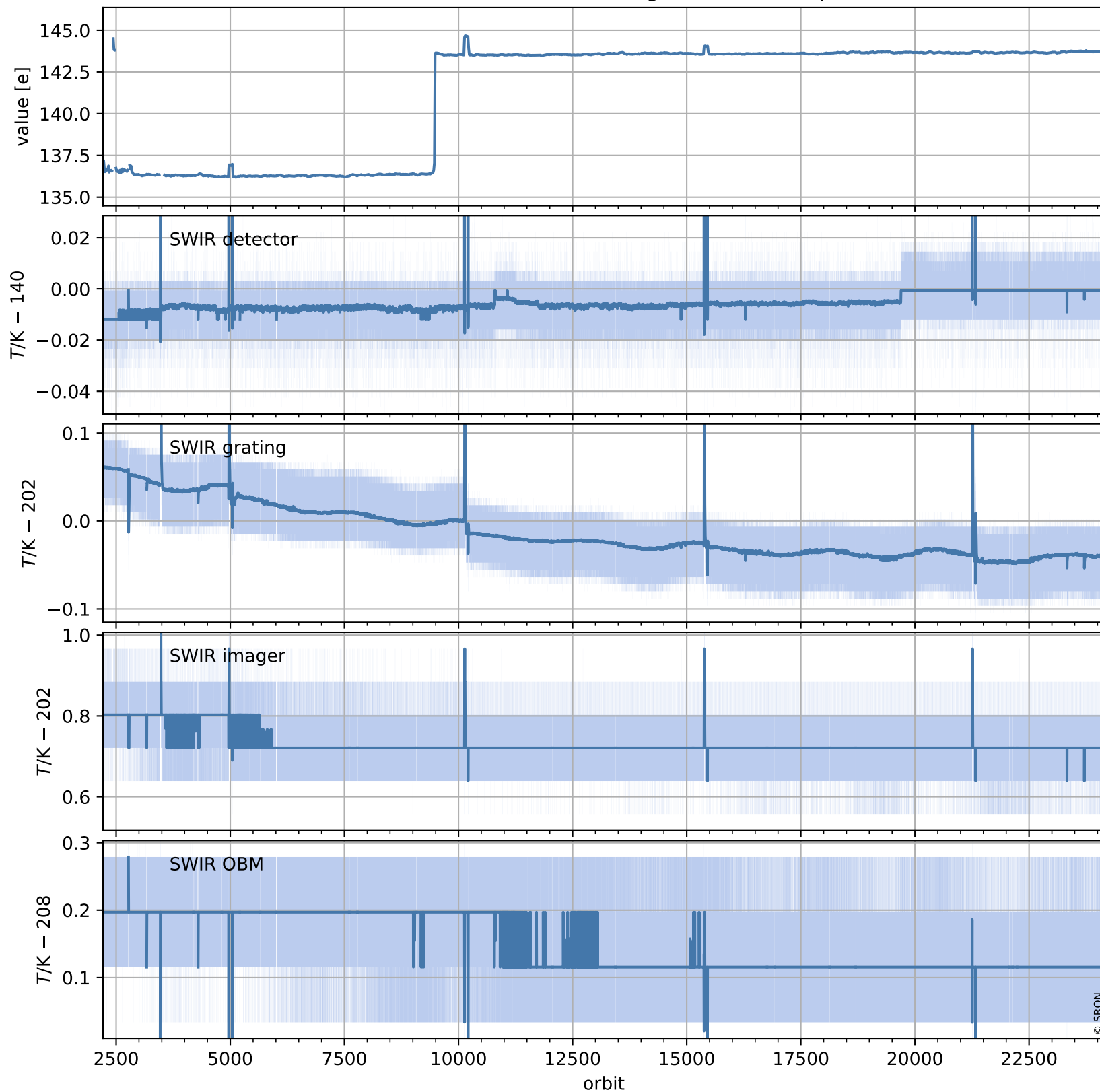
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24157]  
coverage : 2018-03-18 / 2022-06-12  
created : 2023-08-21T16:35:00

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24157]  
coverage : 2018-03-18 / 2022-06-12  
created : 2023-08-21T16:35:01

## trend of normalized read-noise & temperatures

