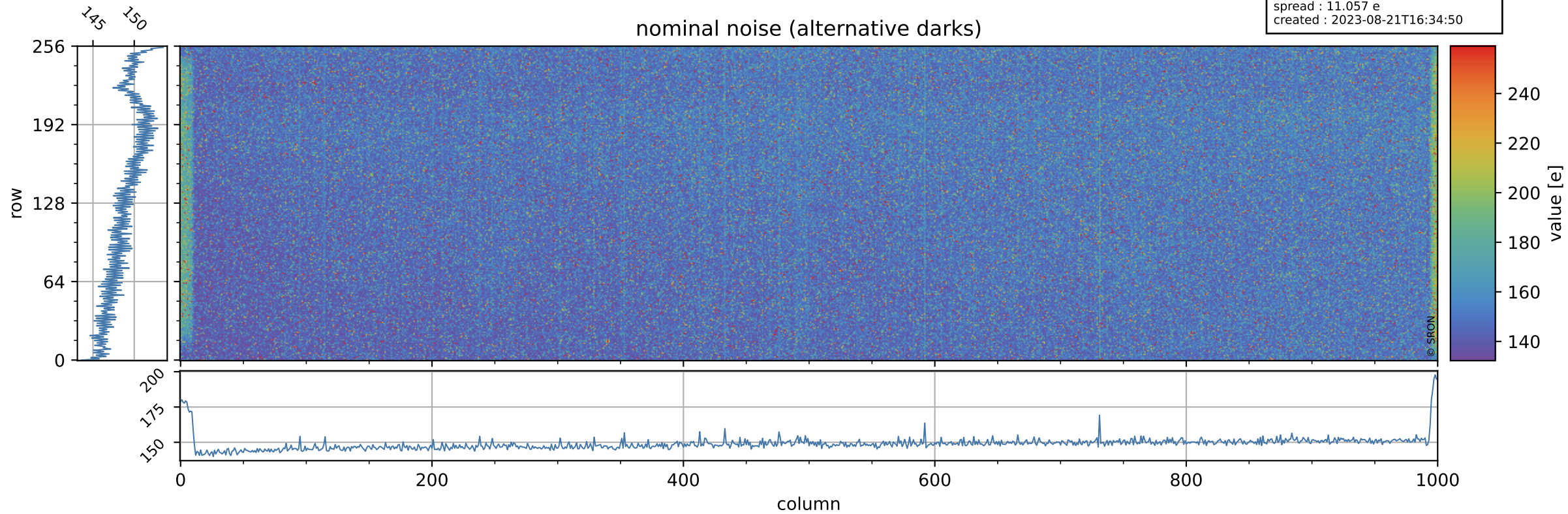


# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.79 e  
spread : 11.057 e  
created : 2023-08-21T16:34:50

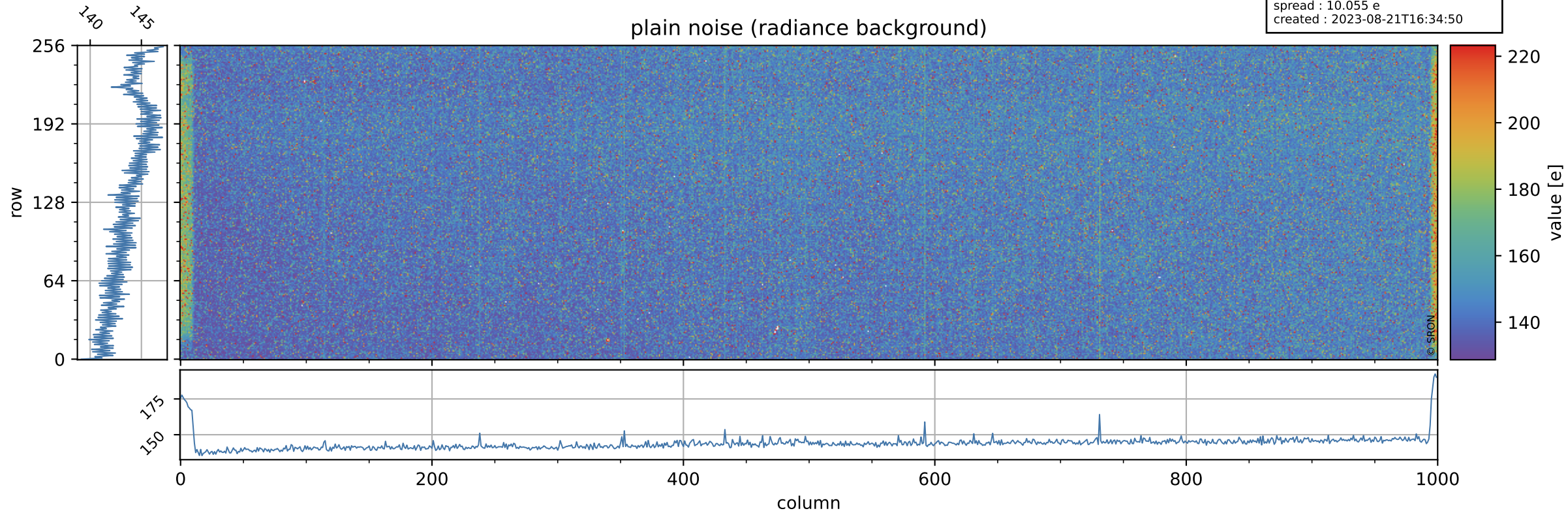
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 10.055 e  
created : 2023-08-21T16:34:50

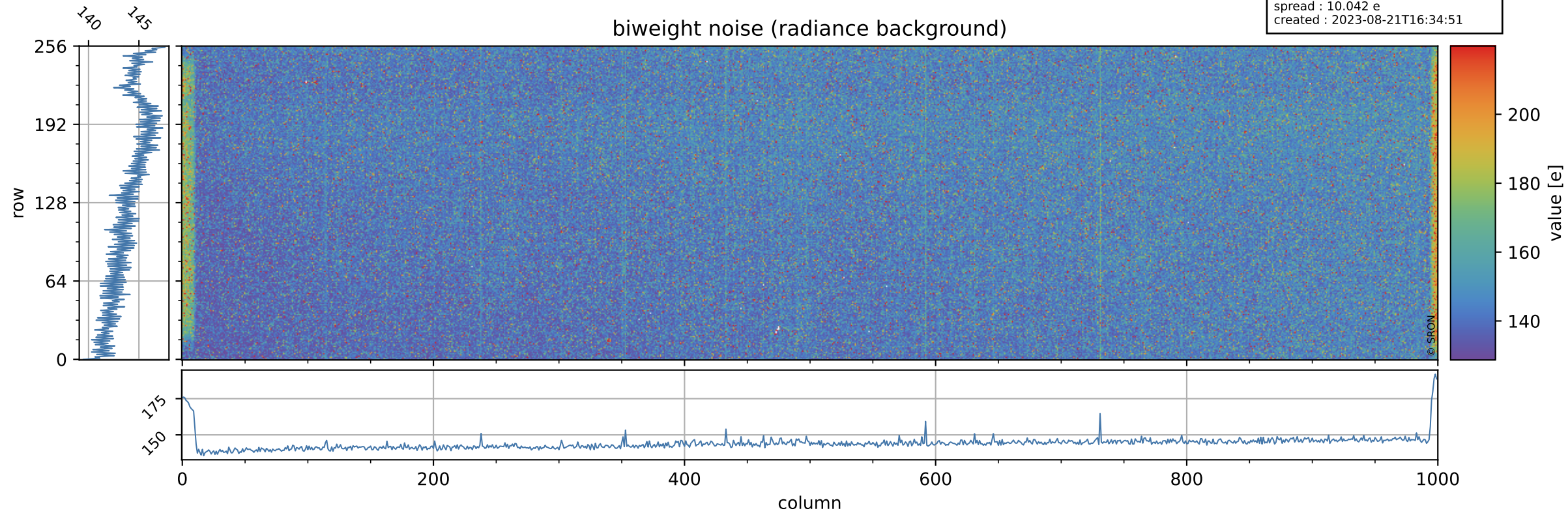
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
n\_coad, t\_exp : 1, 0.8383  
median : 143.87 e  
spread : 10.042 e  
created : 2023-08-21T16:34:51

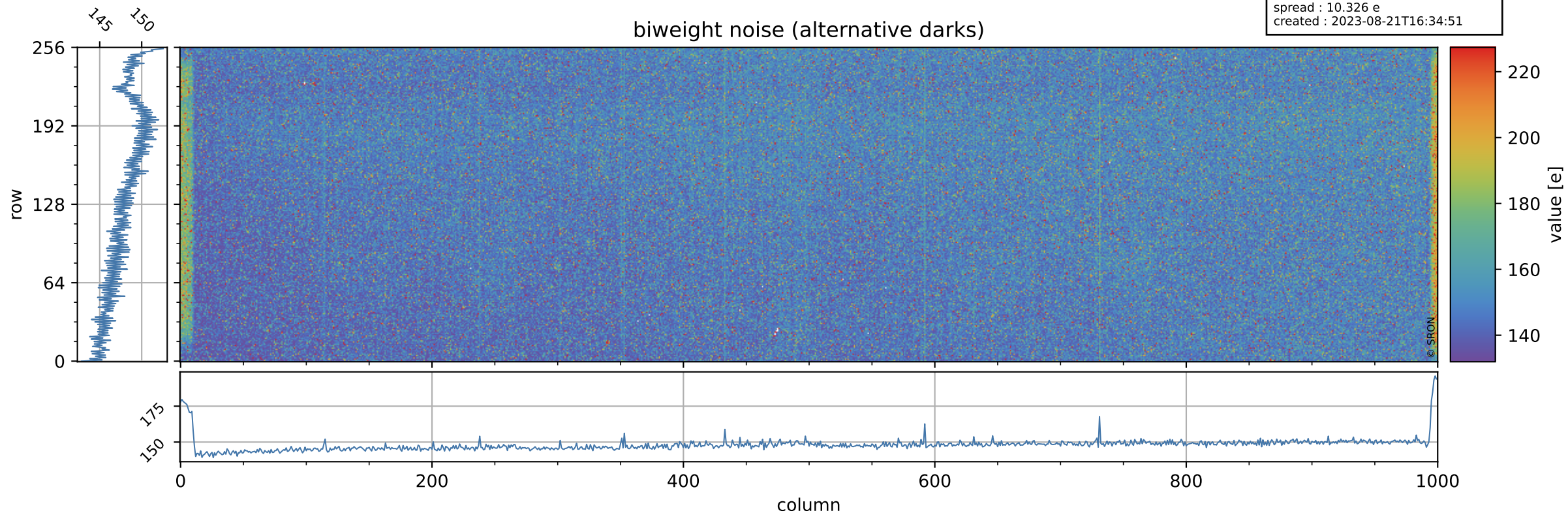
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.86 e  
spread : 10.326 e  
created : 2023-08-21T16:34:51

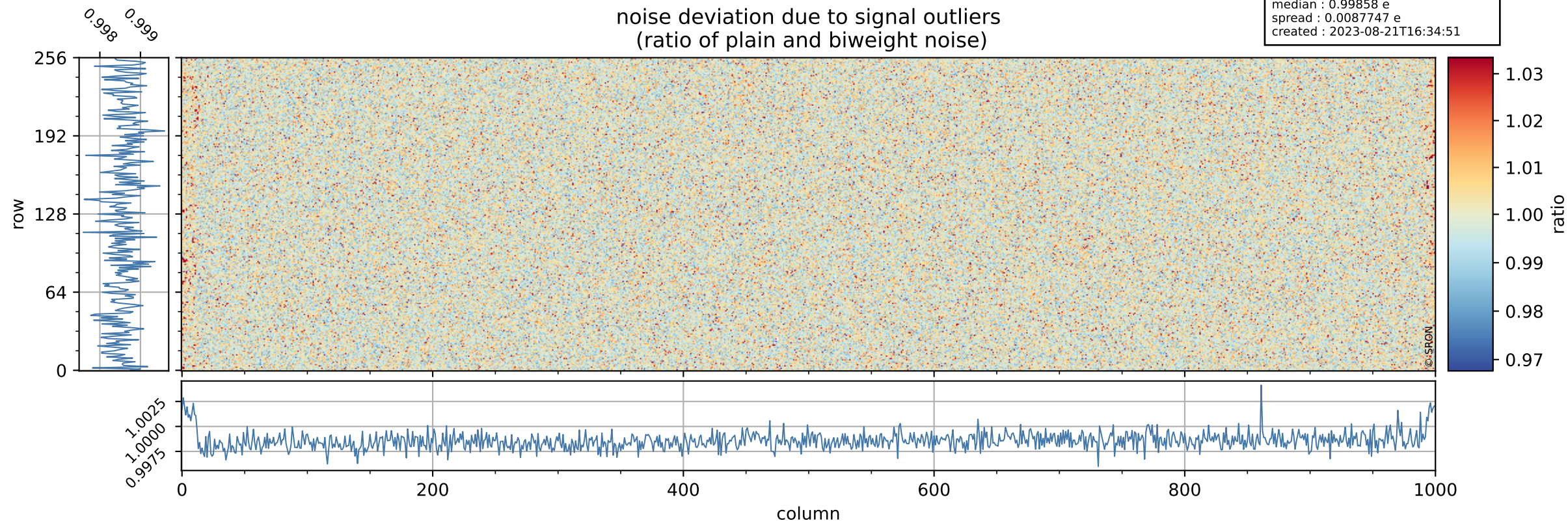
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

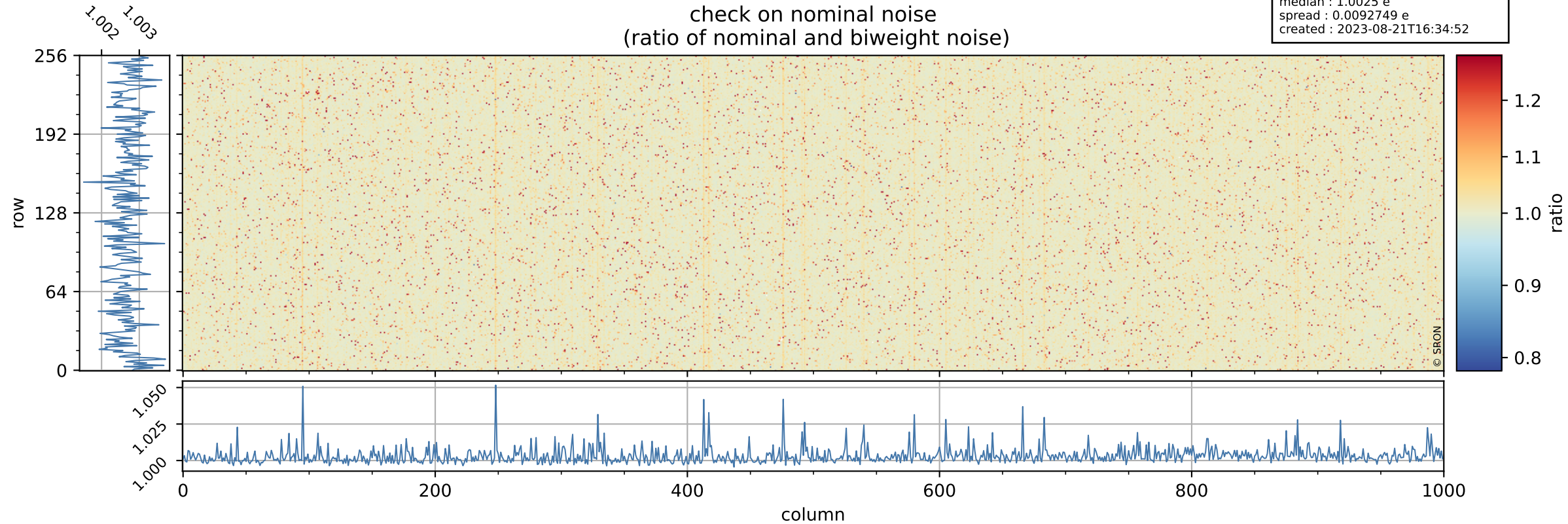
orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
median : 0.99858 e  
spread : 0.0087747 e  
created : 2023-08-21T16:34:51



# Tropomi SWIR background noise (swir)

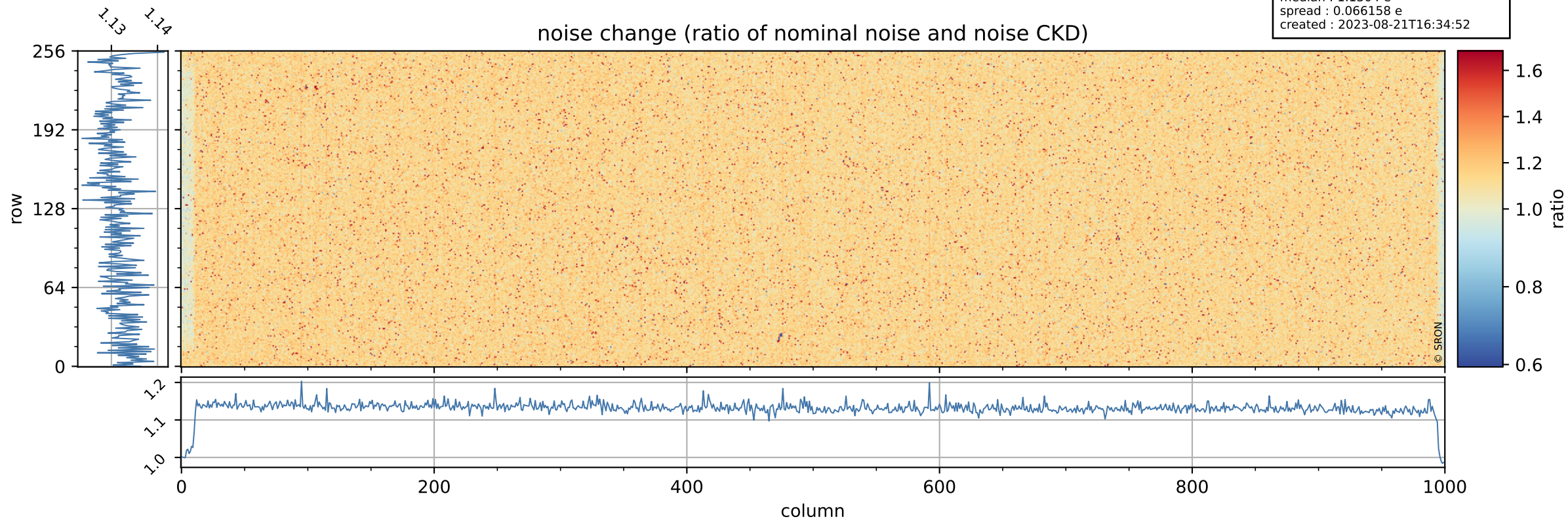
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
median : 1.0025 e  
spread : 0.0092749 e  
created : 2023-08-21T16:34:52



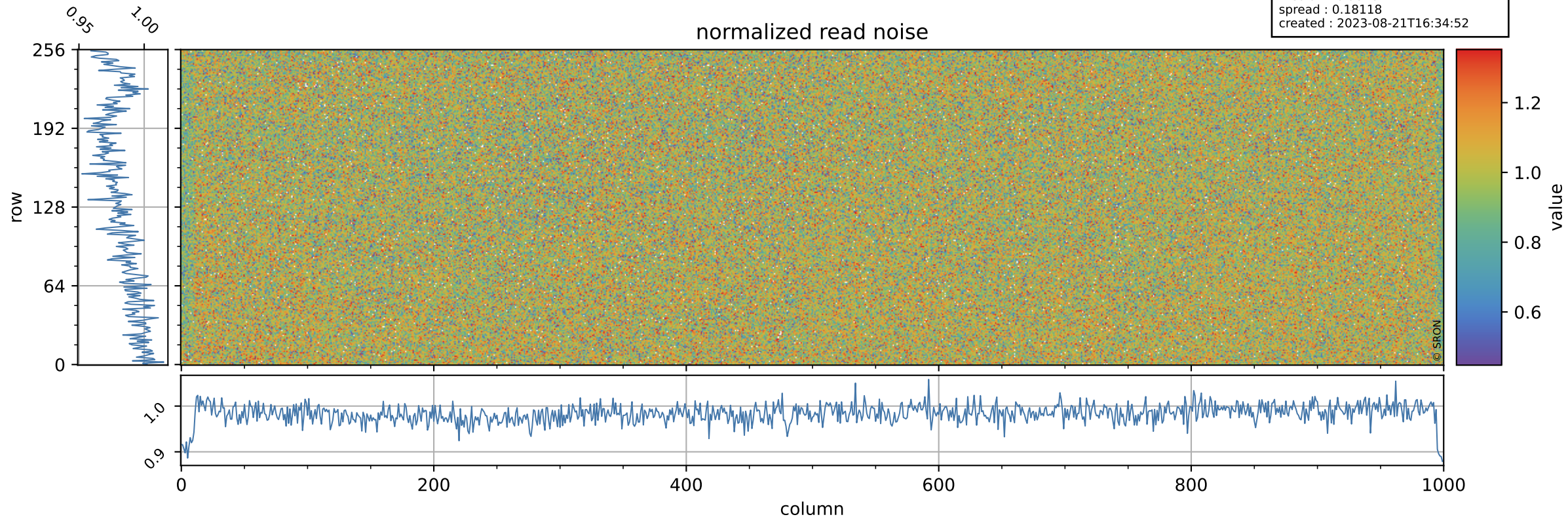
# Tropomi SWIR background noise (swir)

orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
median : 1.1304 e  
spread : 0.066158 e  
created : 2023-08-21T16:34:52



# Tropomi SWIR background noise (swir)

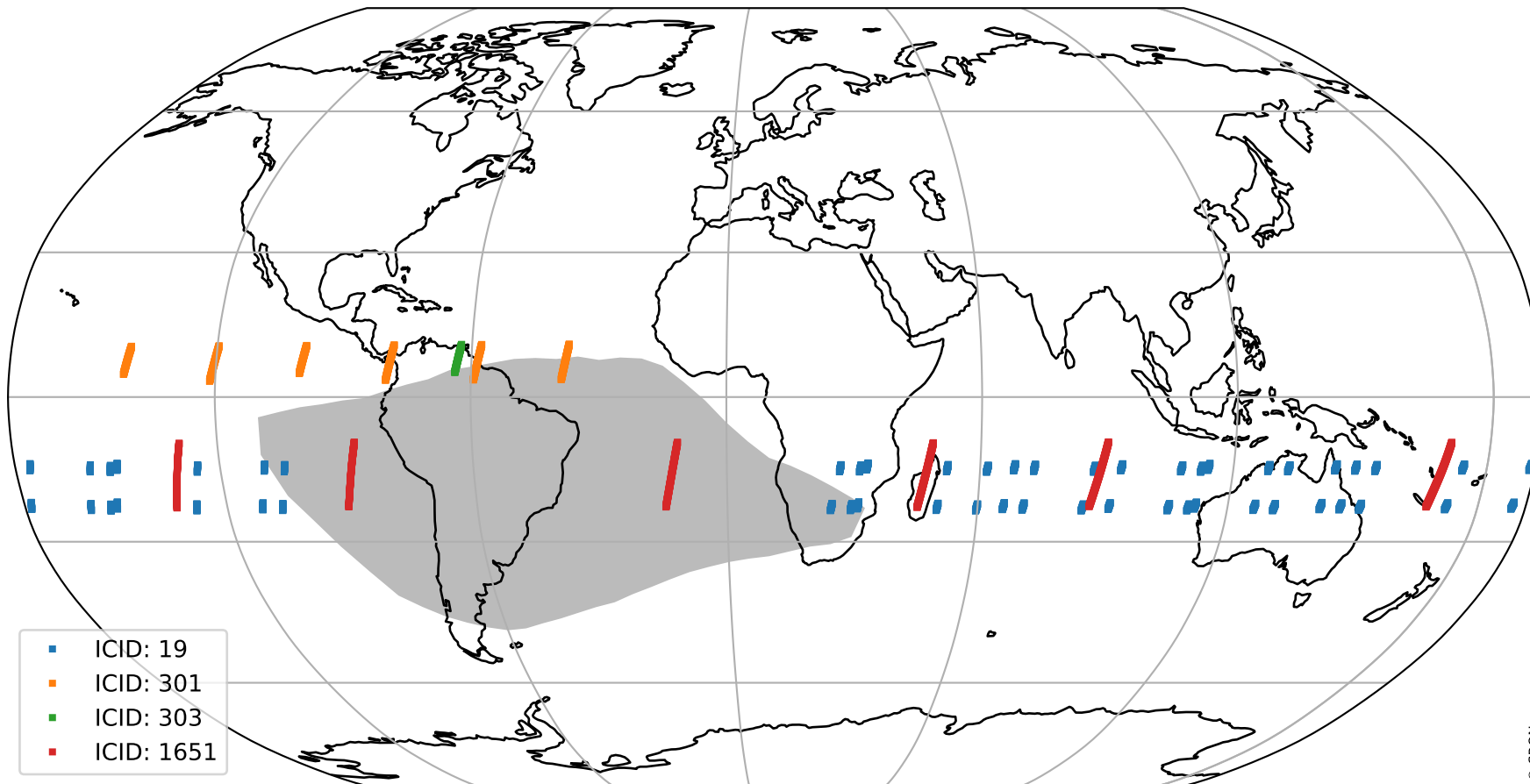
orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
median : 0.98161  
spread : 0.18118  
created : 2023-08-21T16:34:52





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

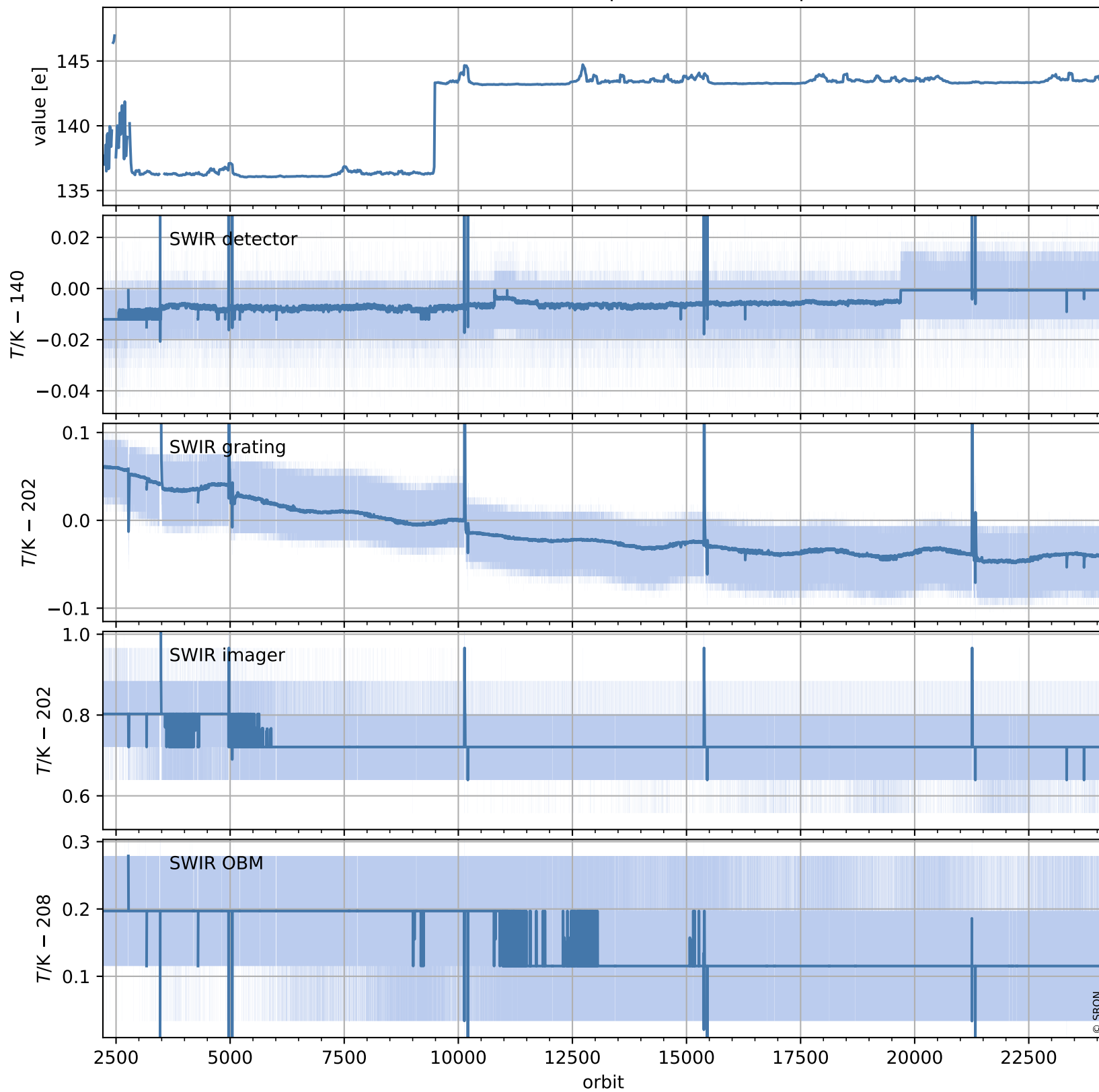
orbits : 13 in [24067, 24142]  
coverage : 2022-06-05 / 2022-06-10  
created : 2023-08-21T16:34:52



# Tropomi SWIR background noise (swir)

orbits : [2212, 24142]  
coverage : 2018-03-18 / 2022-06-10  
created : 2023-08-21T16:34:53

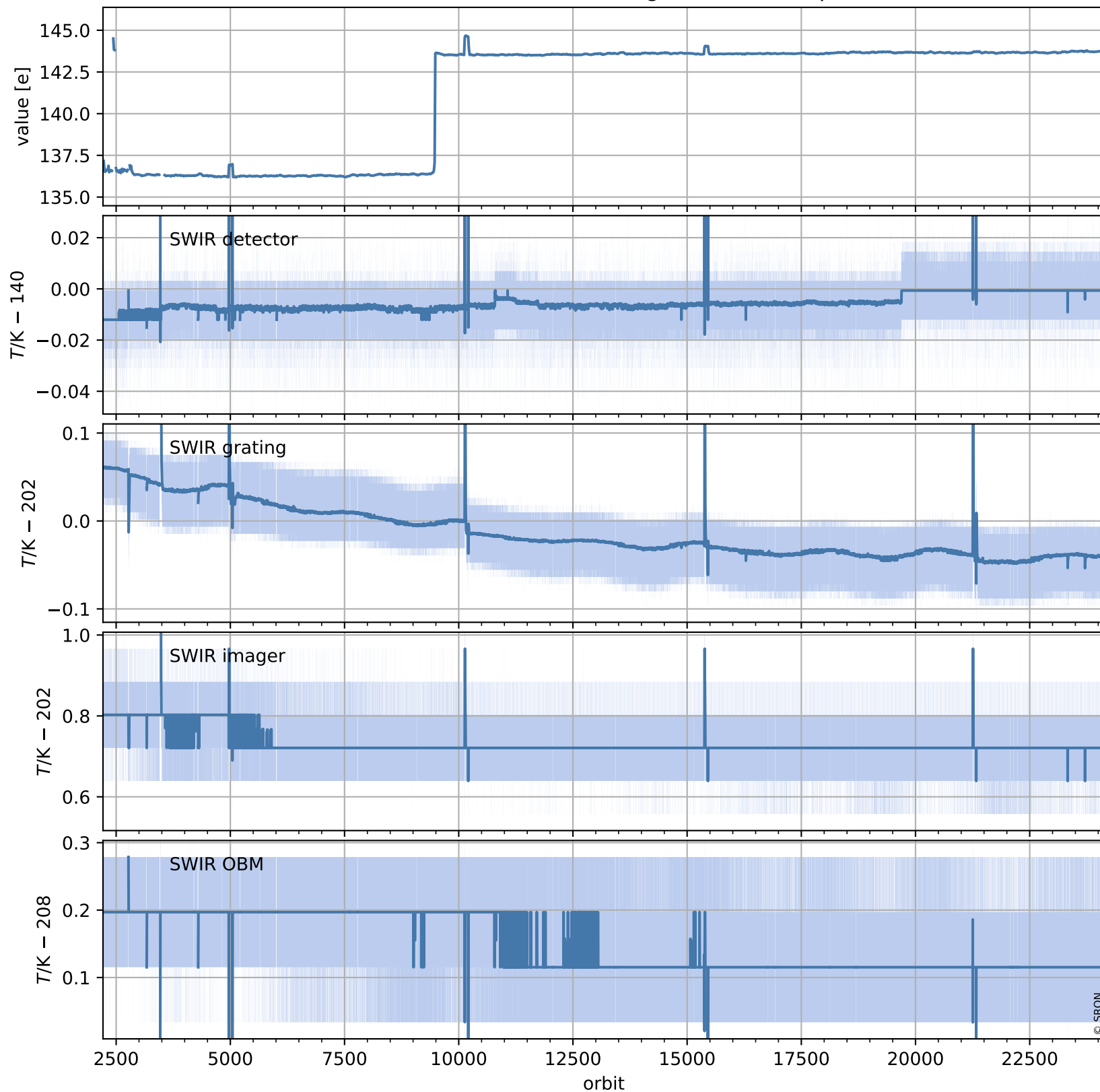
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24142]  
coverage : 2018-03-18 / 2022-06-10  
created : 2023-08-21T16:34:54

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24142]  
coverage : 2018-03-18 / 2022-06-10  
created : 2023-08-21T16:34:55

## trend of normalized read-noise & temperatures

