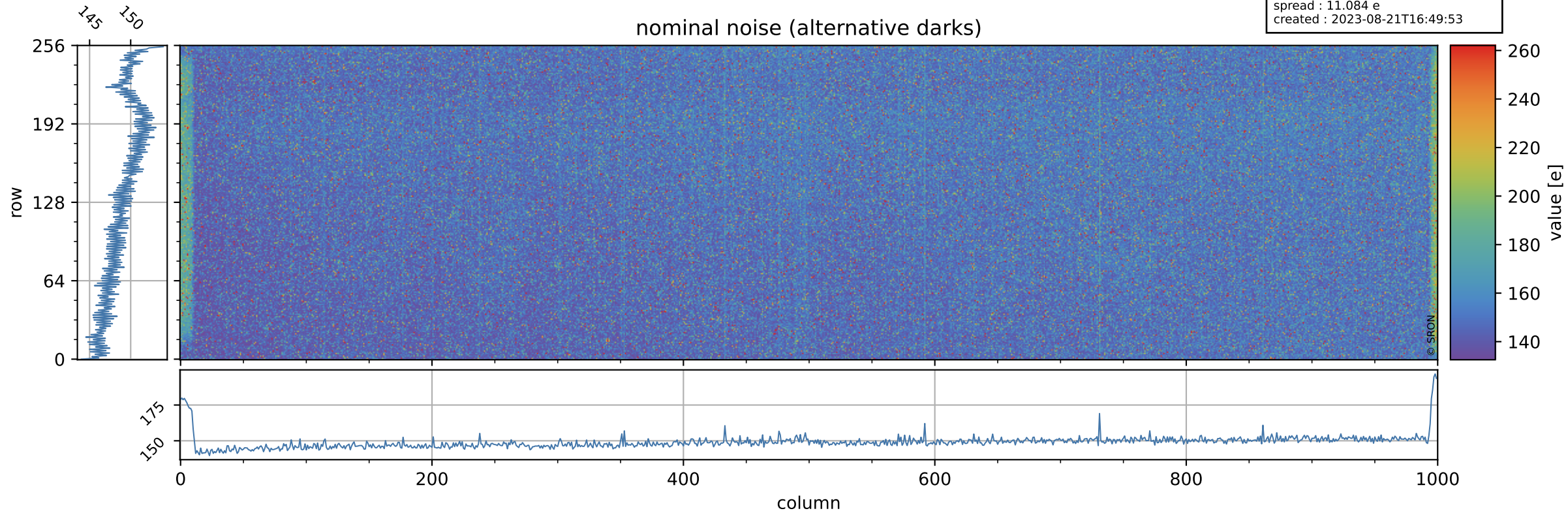


# Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
n\_coad, t\_exp : 1, 1.0783  
median : 148.91 e  
spread : 11.084 e  
created : 2023-08-21T16:49:53

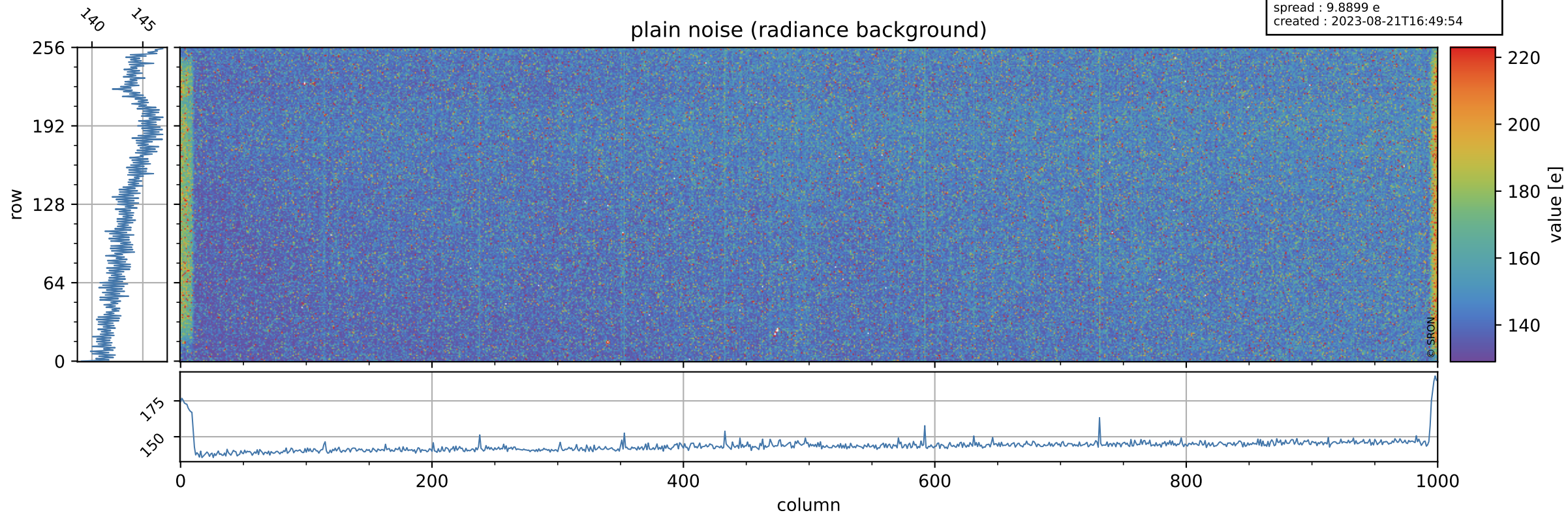
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.8899 e  
created : 2023-08-21T16:49:54

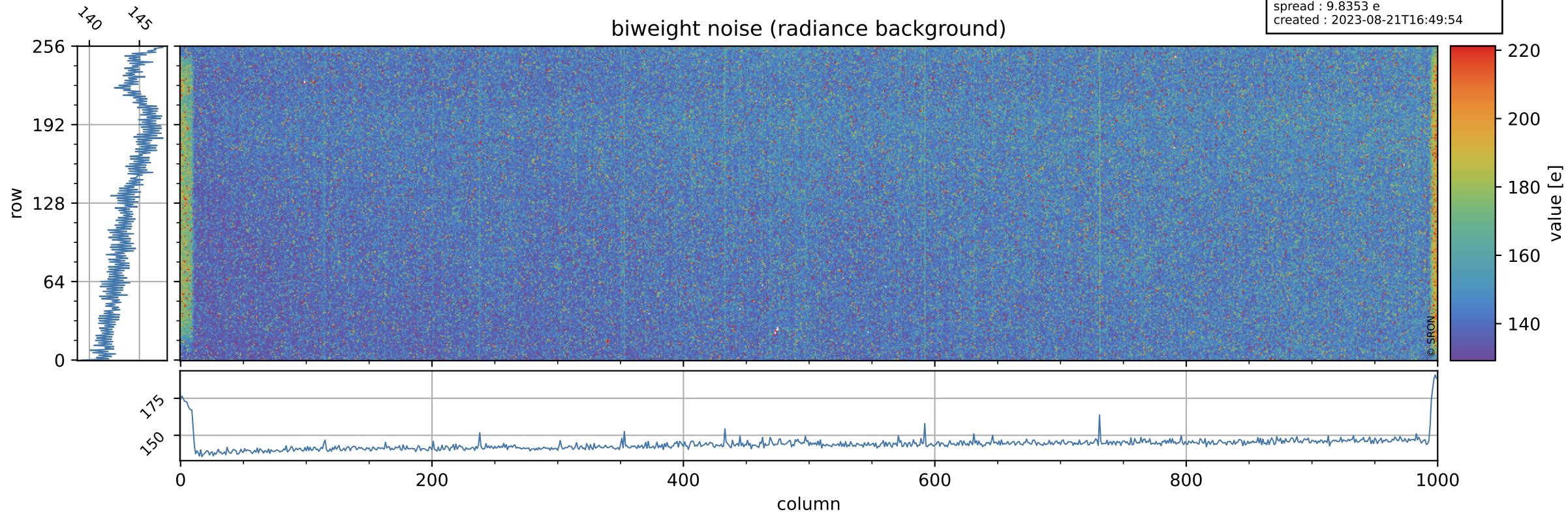
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 9.8353 e  
created : 2023-08-21T16:49:54

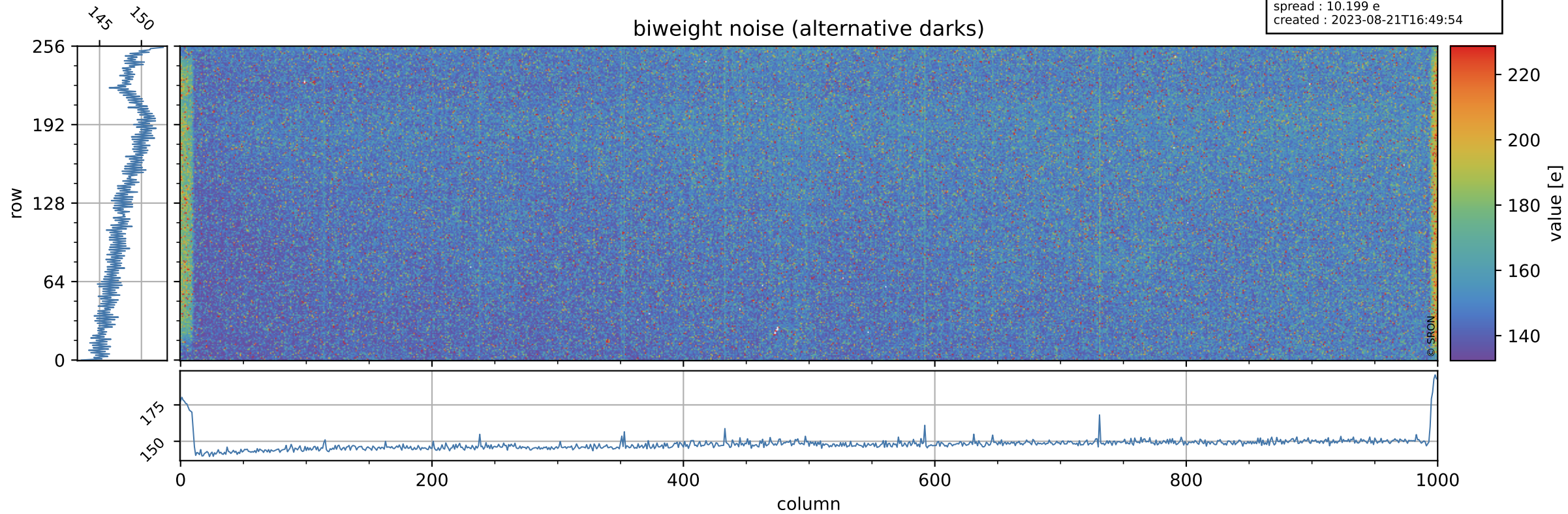
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
n\_coad, t\_exp : 1, 1.0783  
median : 147.85 e  
spread : 10.199 e  
created : 2023-08-21T16:49:54

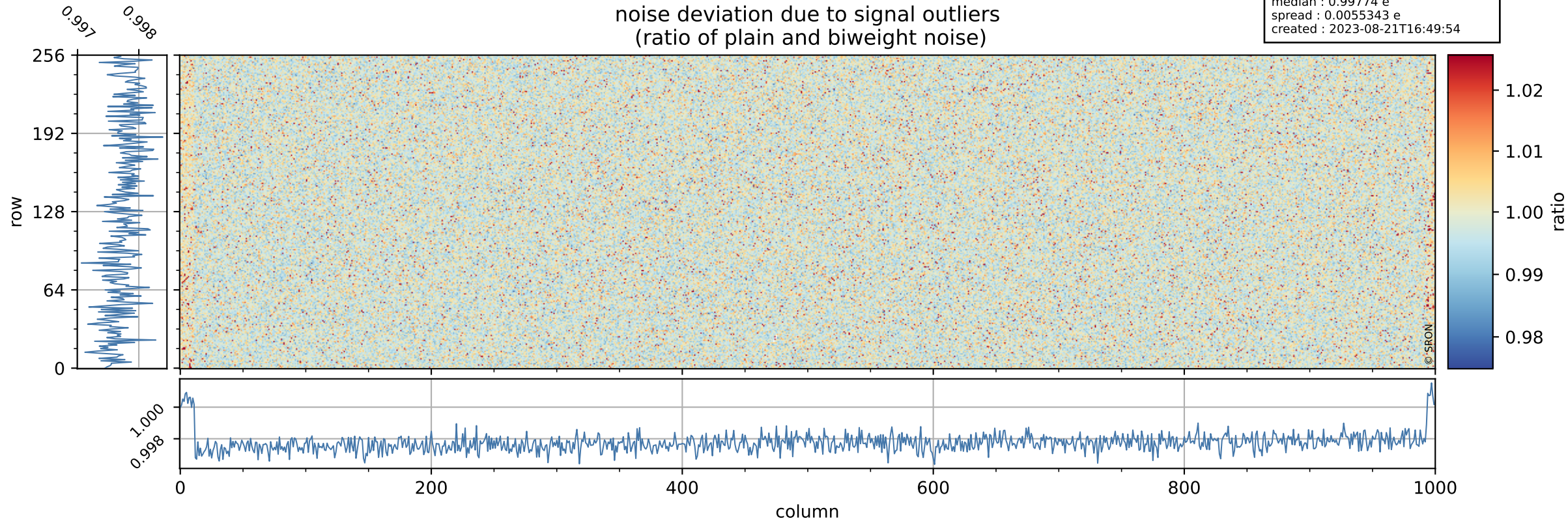
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

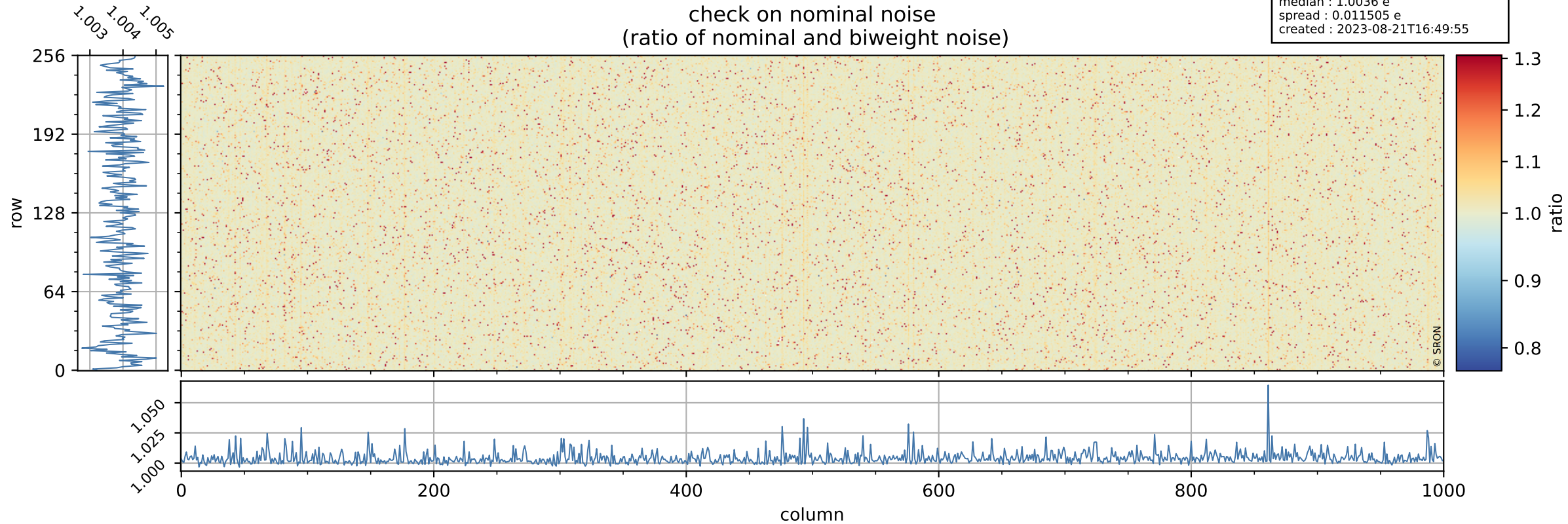
orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
median : 0.99774 e  
spread : 0.0055343 e  
created : 2023-08-21T16:49:54



# Tropomi SWIR background noise (swir)

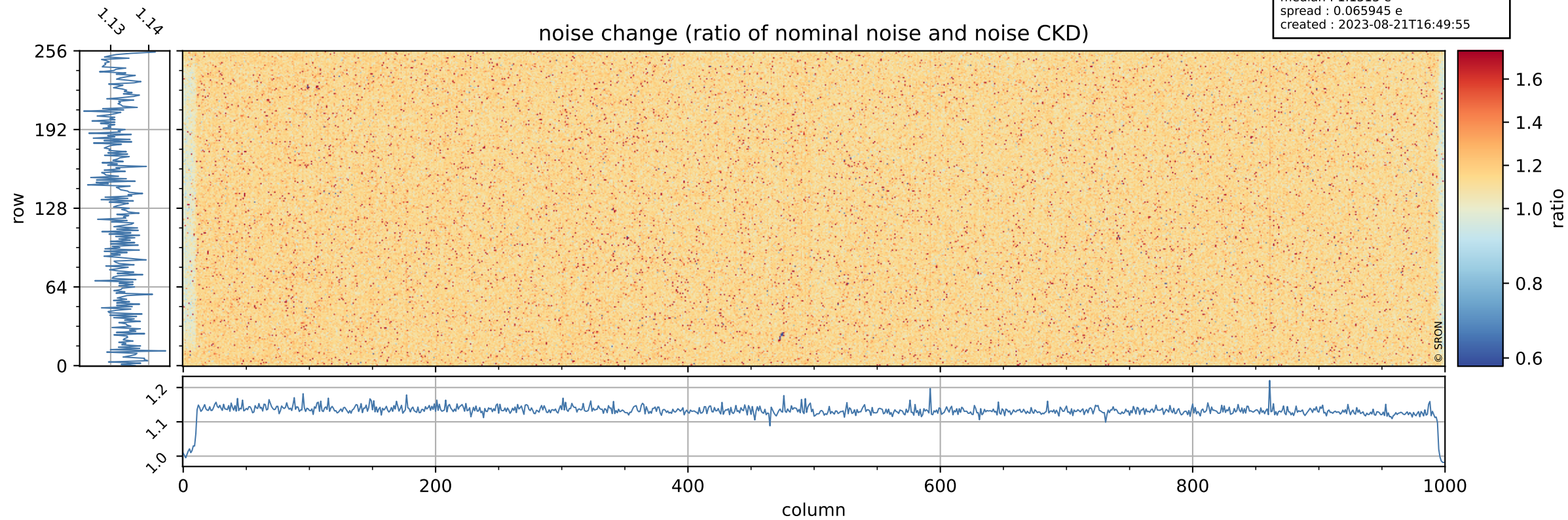
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
median : 1.0036 e  
spread : 0.011505 e  
created : 2023-08-21T16:49:55



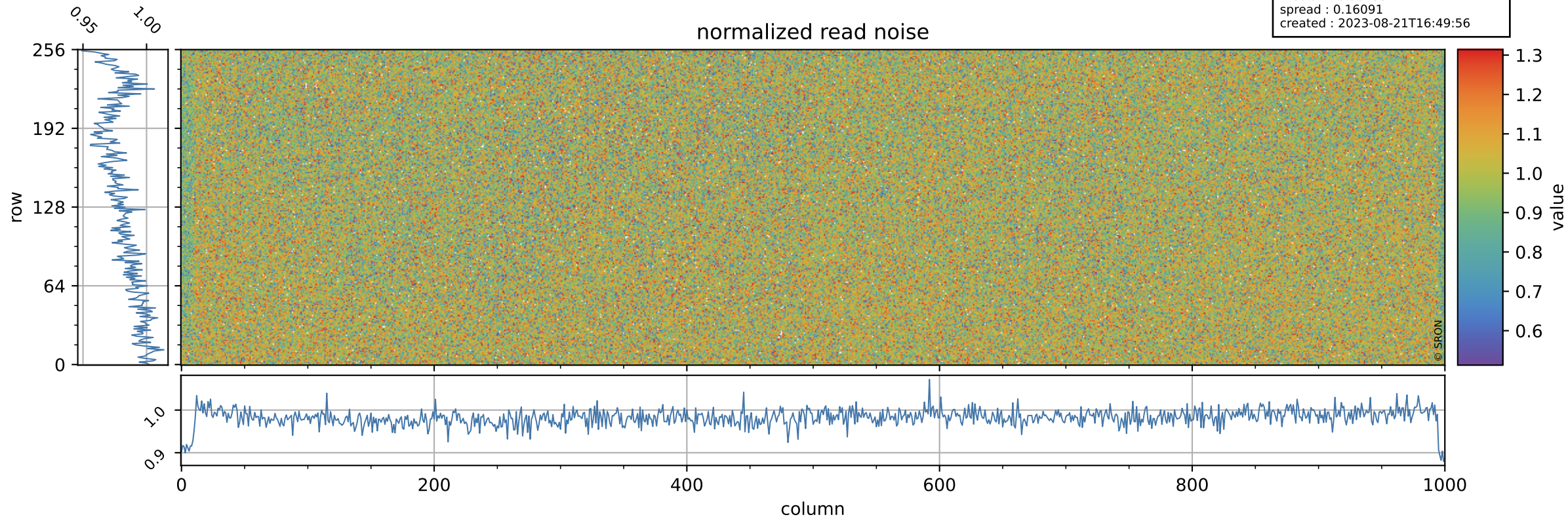
# Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
median : 1.1313 e  
spread : 0.065945 e  
created : 2023-08-21T16:49:55



# Tropomi SWIR background noise (swir)

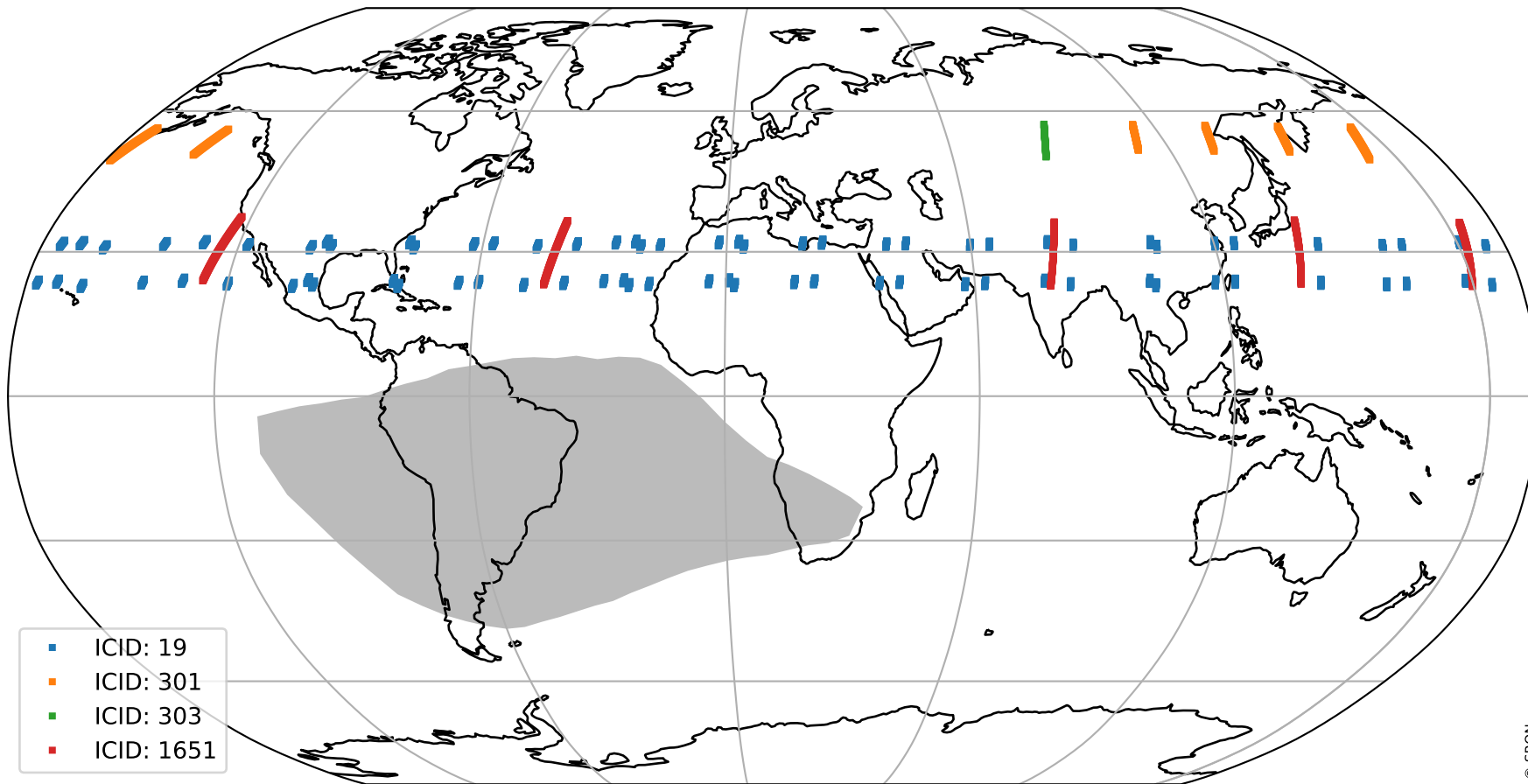
orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
median : 0.98135  
spread : 0.16091  
created : 2023-08-21T16:49:56





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

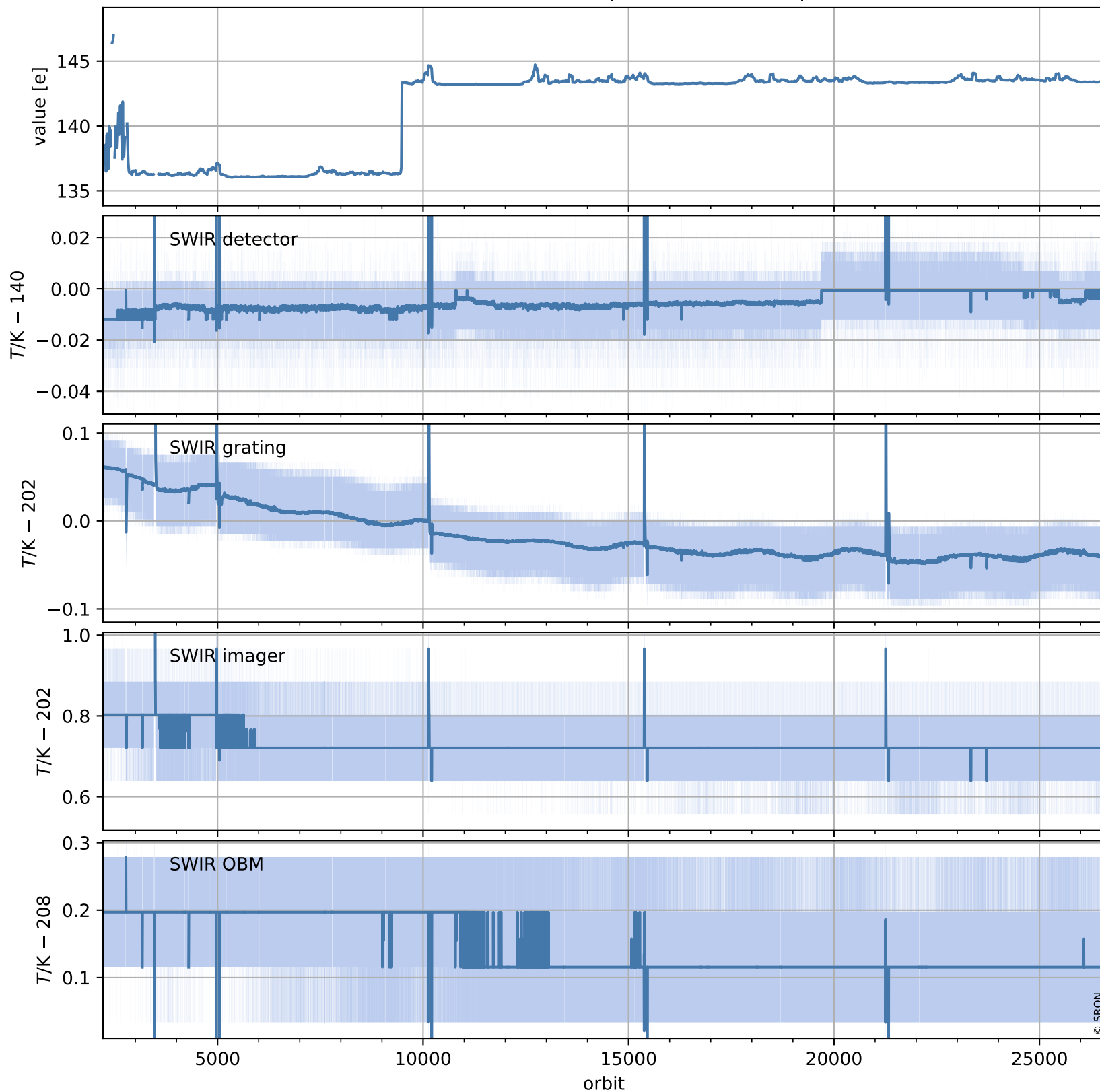
orbits : 12 in [26497, 26587]  
coverage : 2022-11-24 / 2022-11-30  
created : 2023-08-21T16:49:56



# Tropomi SWIR background noise (swir)

orbits : [2212, 26587]  
coverage : 2018-03-18 / 2022-11-30  
created : 2023-08-21T16:49:56

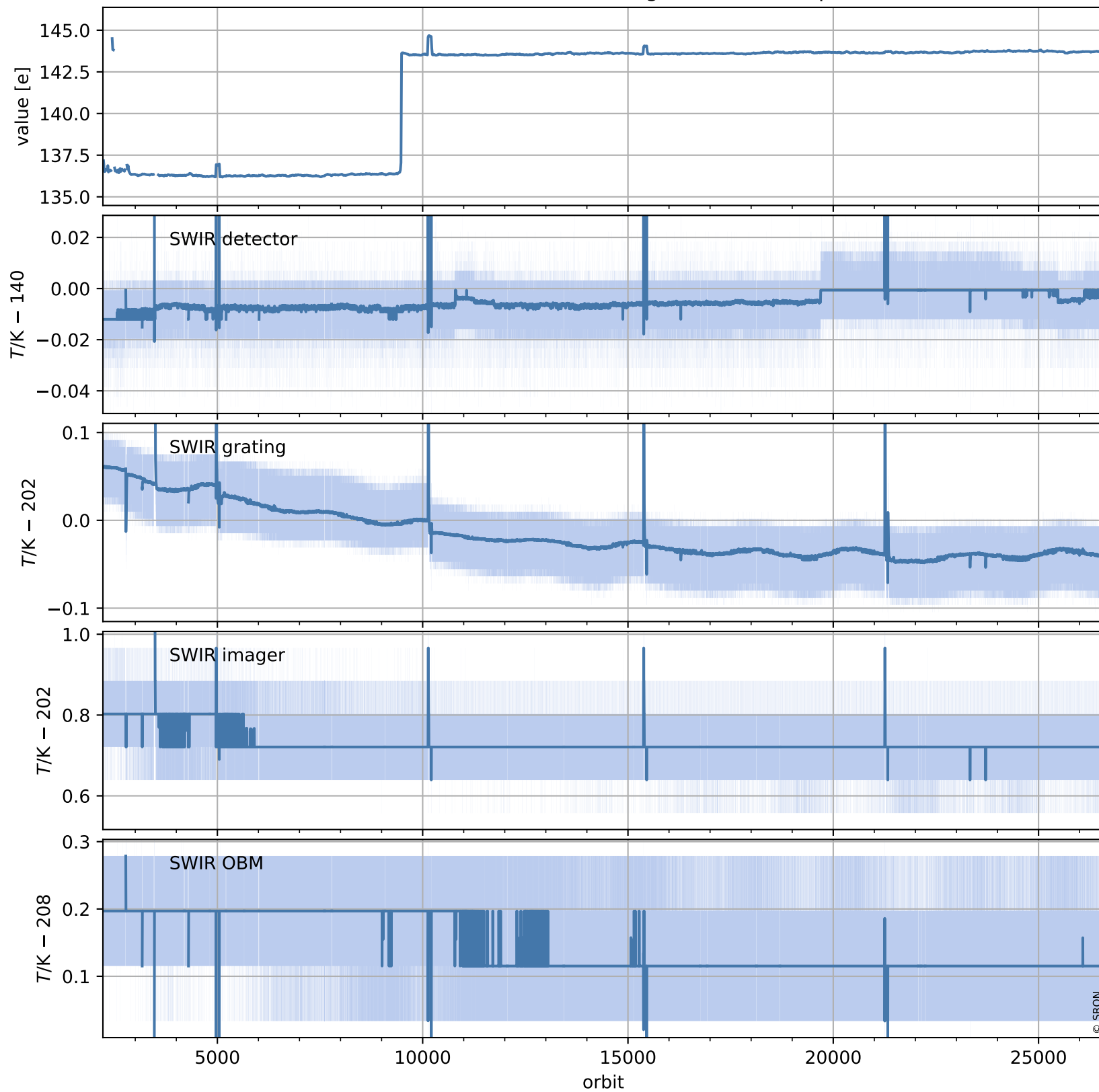
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26587]  
coverage : 2018-03-18 / 2022-11-30  
created : 2023-08-21T16:49:57

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26587]  
coverage : 2018-03-18 / 2022-11-30  
created : 2023-08-21T16:49:58

## trend of normalized read-noise & temperatures

