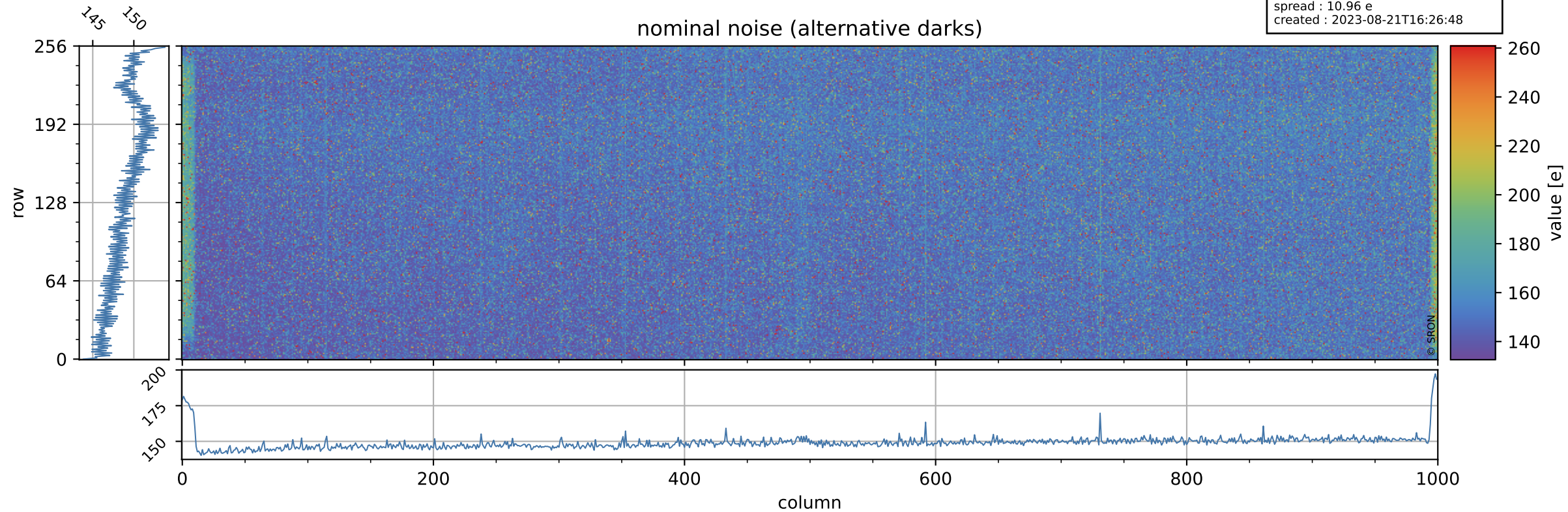


# Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
n\_coad, t\_exp : 1, 1.0783  
median : 148.85 e  
spread : 10.96 e  
created : 2023-08-21T16:26:48

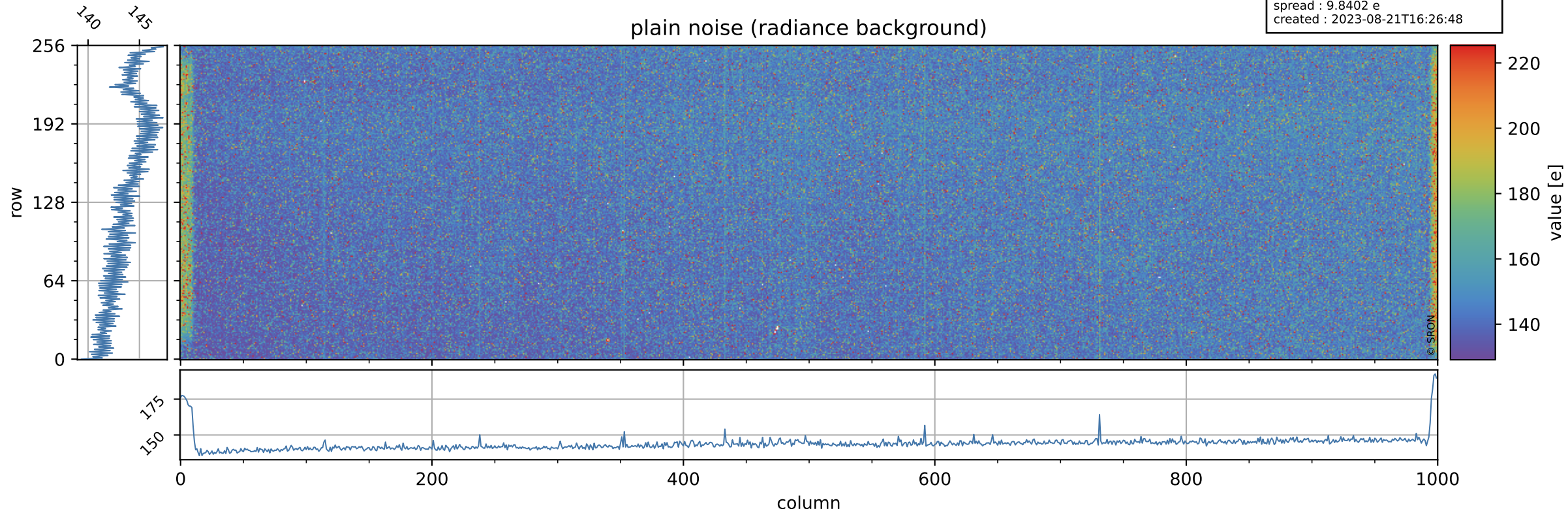
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.8402 e  
created : 2023-08-21T16:26:48

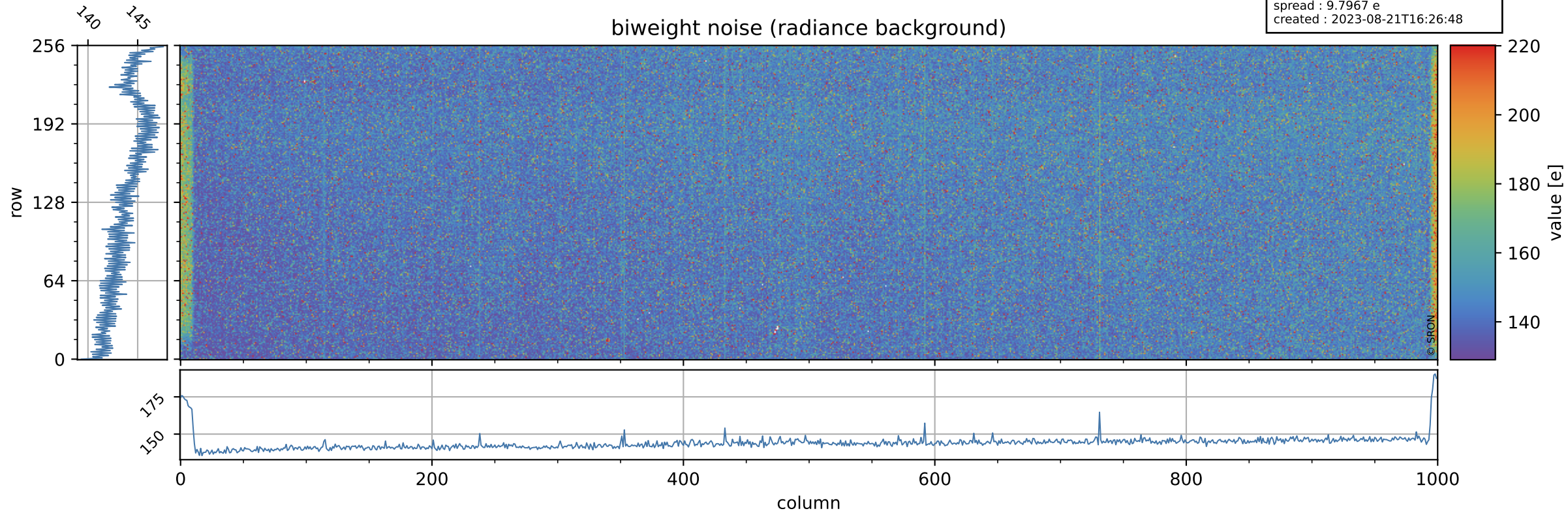
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.7967 e  
created : 2023-08-21T16:26:48

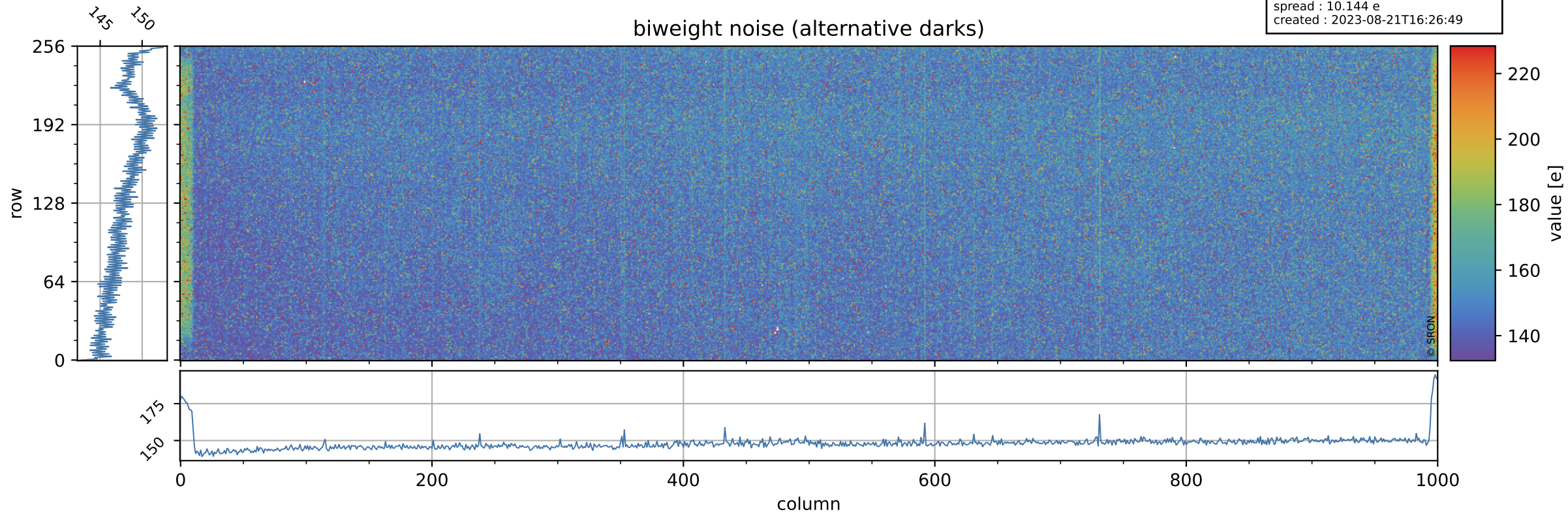
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.144 e  
created : 2023-08-21T16:26:49

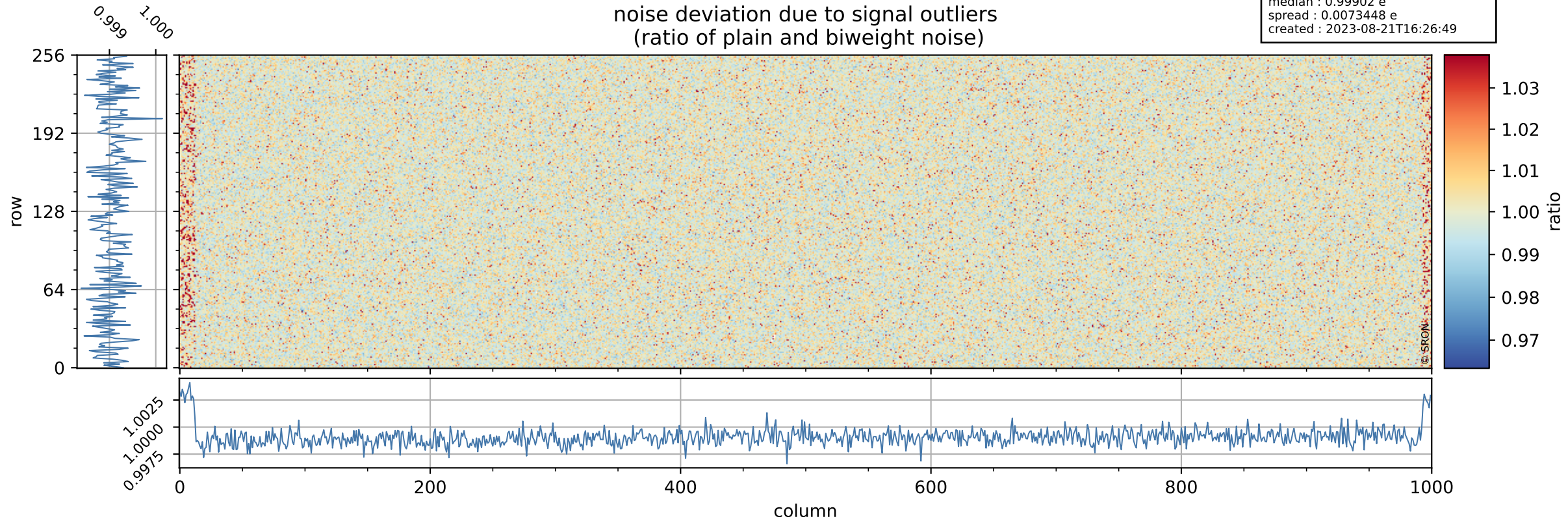
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

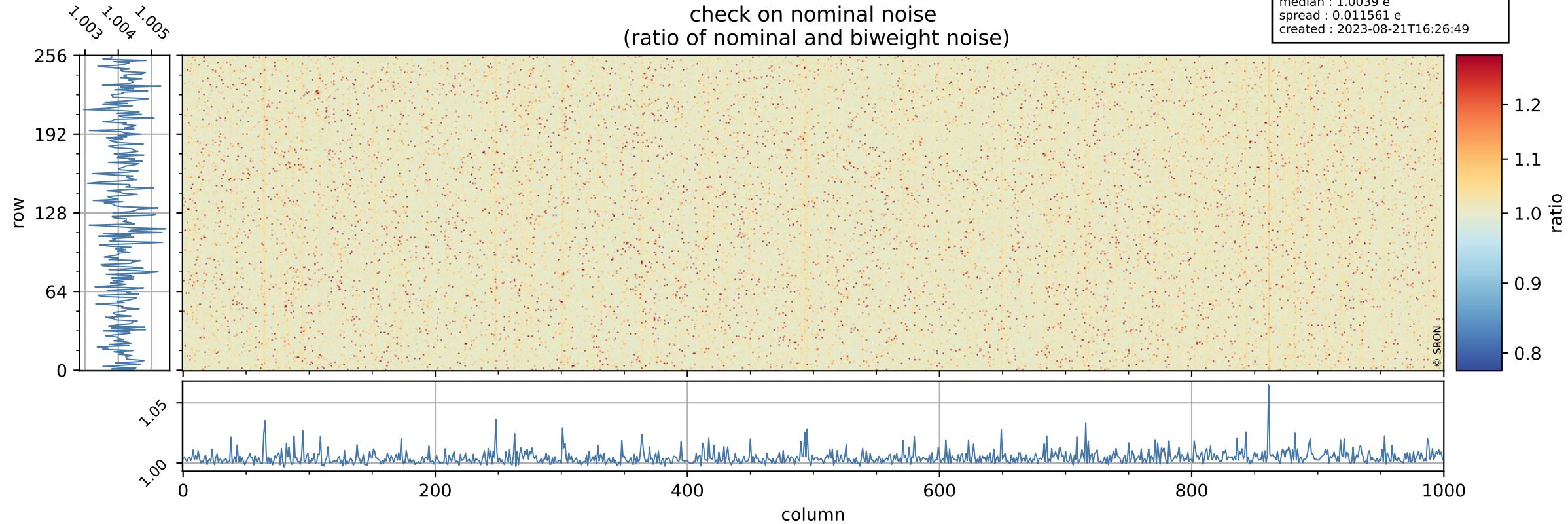
orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
median : 0.99902 e  
spread : 0.0073448 e  
created : 2023-08-21T16:26:49



# Tropomi SWIR background noise (swir)

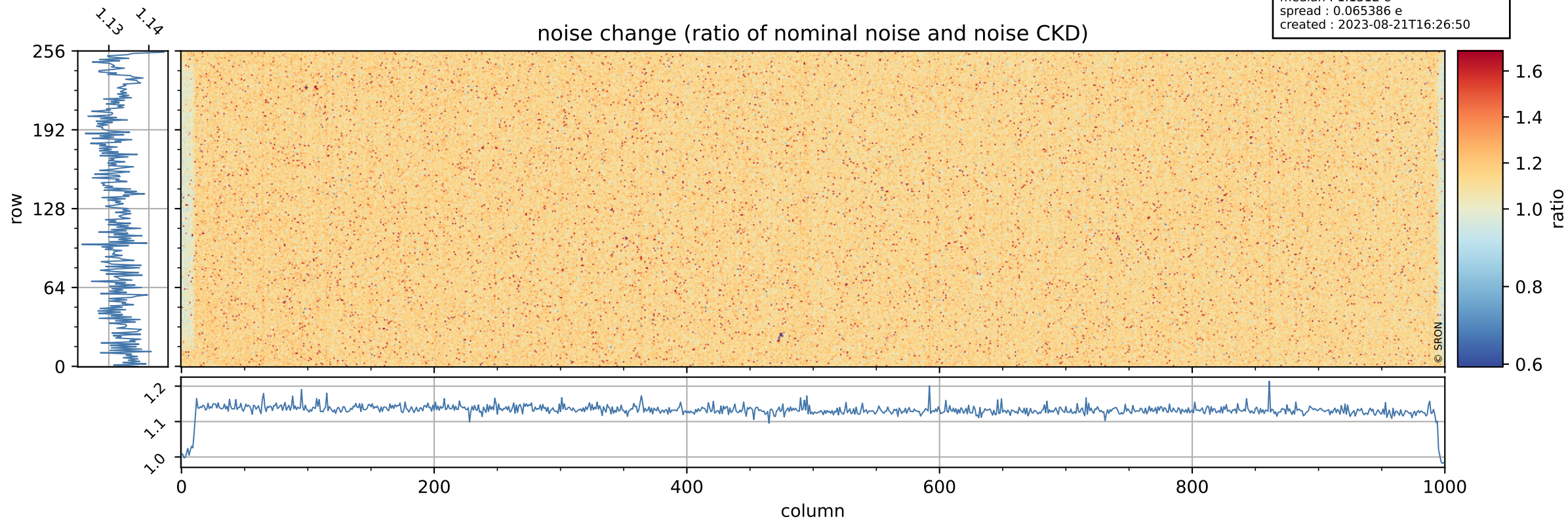
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
median : 1.0039 e  
spread : 0.011561 e  
created : 2023-08-21T16:26:49



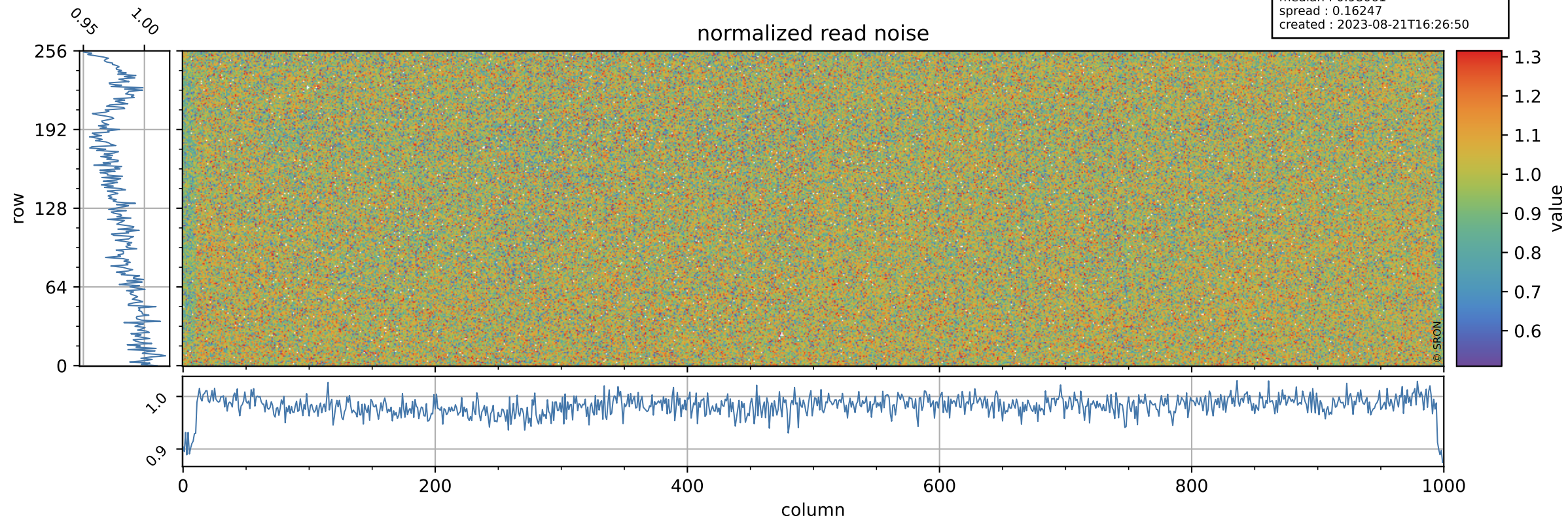
# Tropomi SWIR background noise (swir)

orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
median : 1.1312 e  
spread : 0.065386 e  
created : 2023-08-21T16:26:50



# Tropomi SWIR background noise (swir)

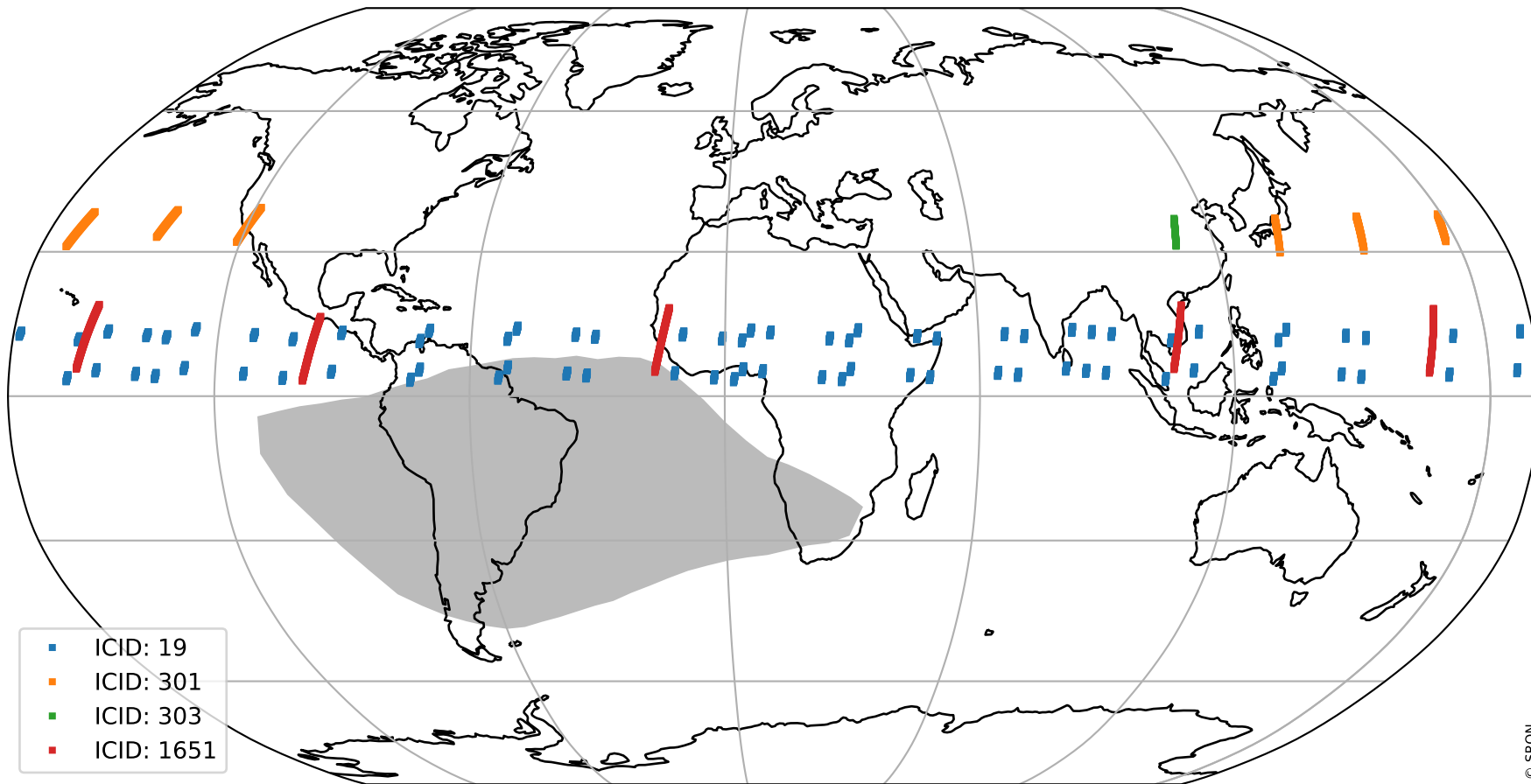
orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
median : 0.98061  
spread : 0.16247  
created : 2023-08-21T16:26:50





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

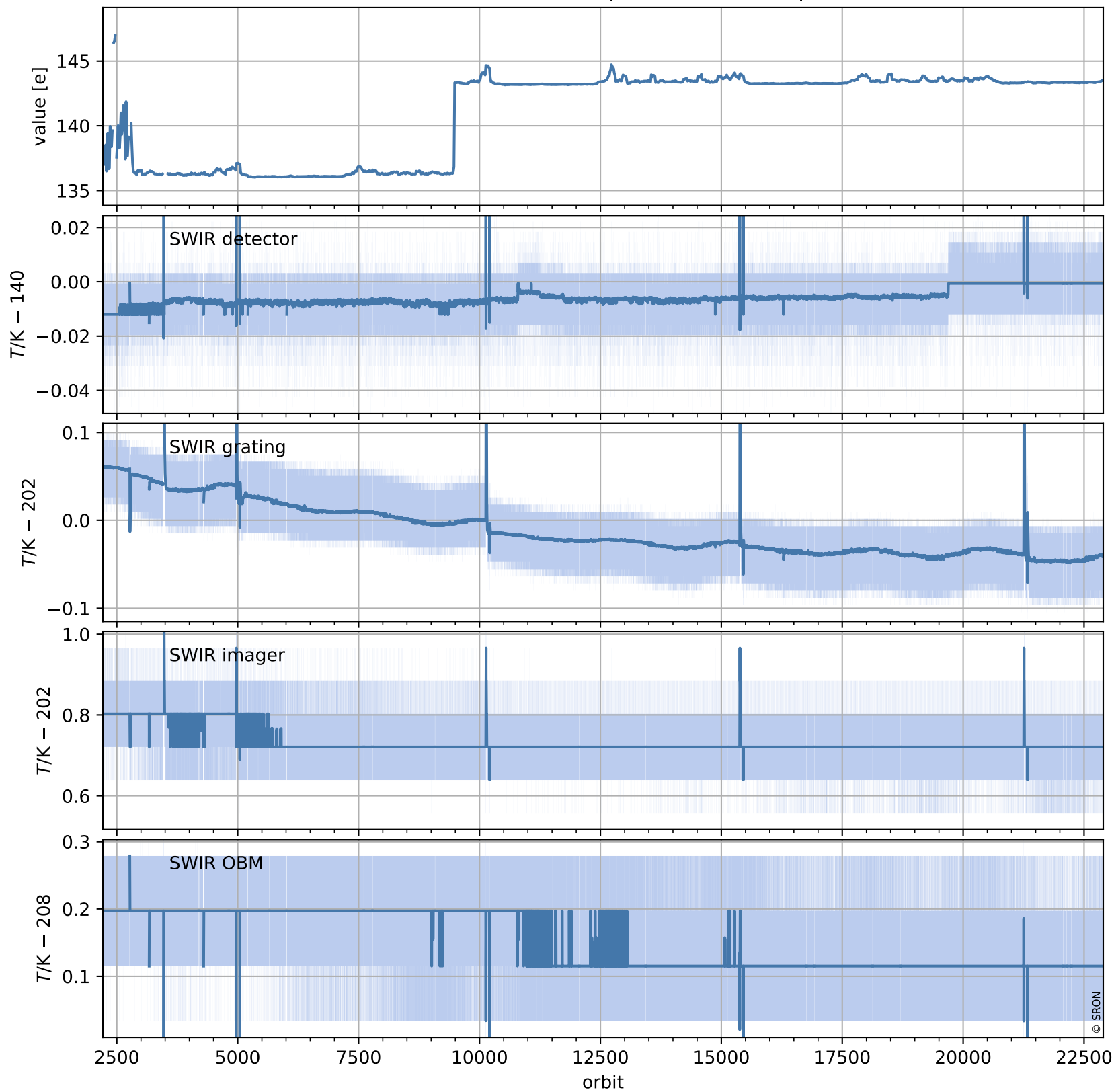
orbits : 12 in [22807, 22897]  
coverage : 2022-03-09 / 2022-03-15  
created : 2023-08-21T16:26:50



# Tropomi SWIR background noise (swir)

orbits : [2212, 22897]  
coverage : 2018-03-18 / 2022-03-15  
created : 2023-08-21T16:26:51

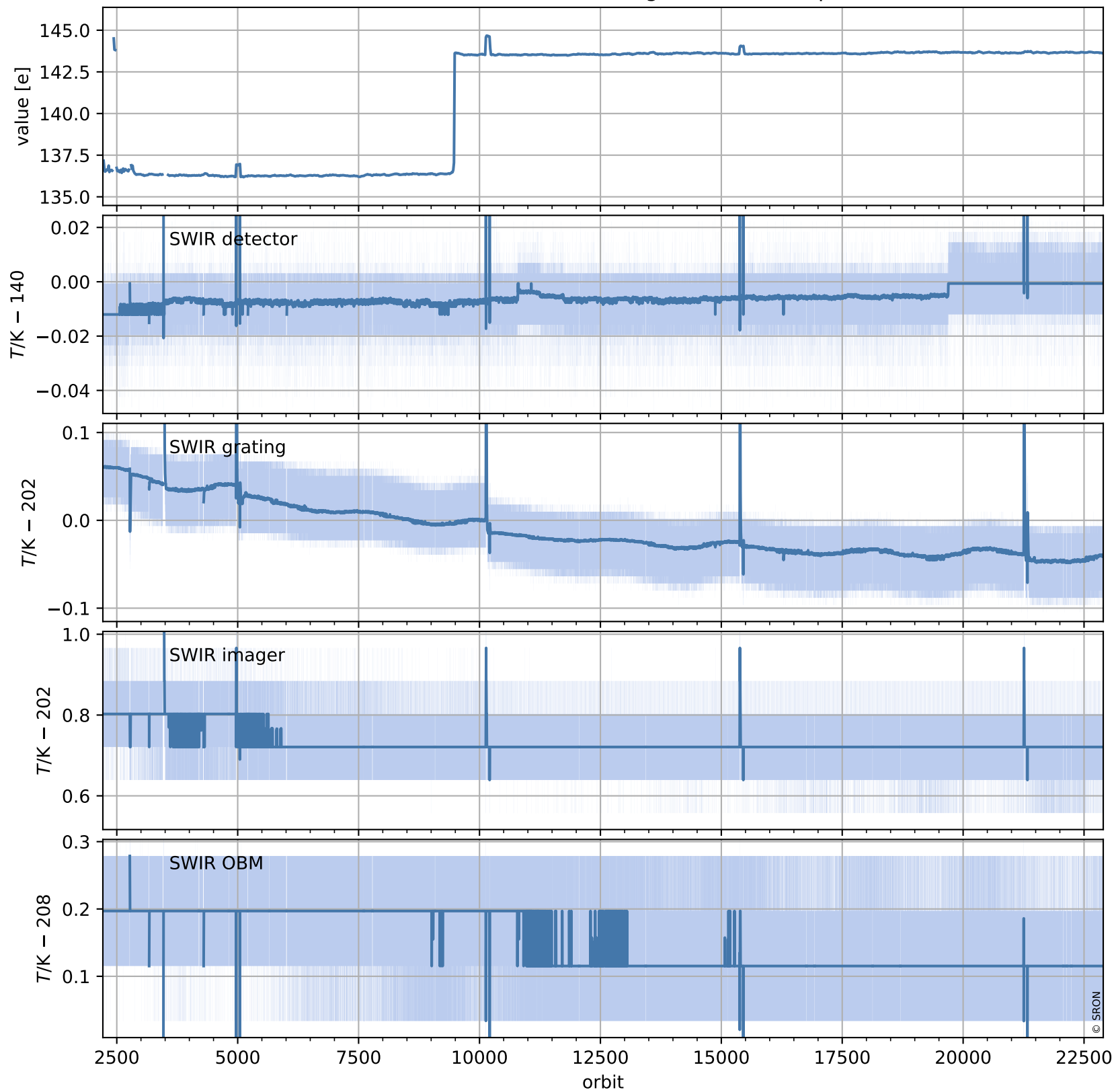
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22897]  
coverage : 2018-03-18 / 2022-03-15  
created : 2023-08-21T16:26:52

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22897]  
coverage : 2018-03-18 / 2022-03-15  
created : 2023-08-21T16:26:53

## trend of normalized read-noise & temperatures

