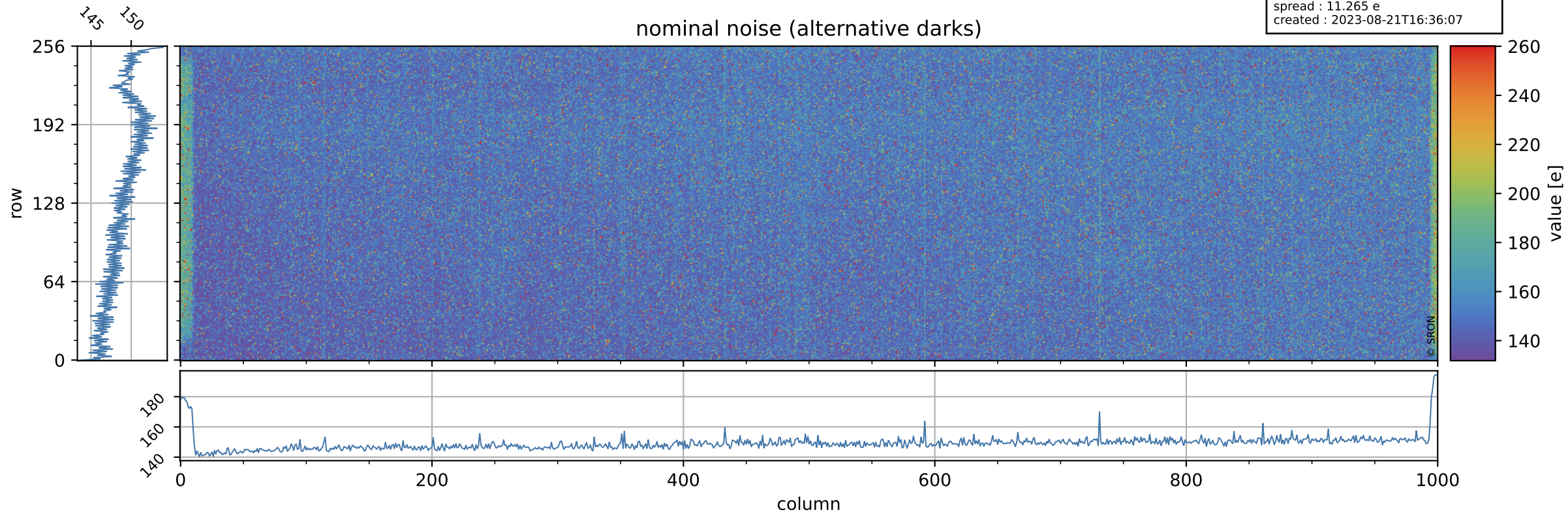


# Tropomi SWIR background noise (swir)

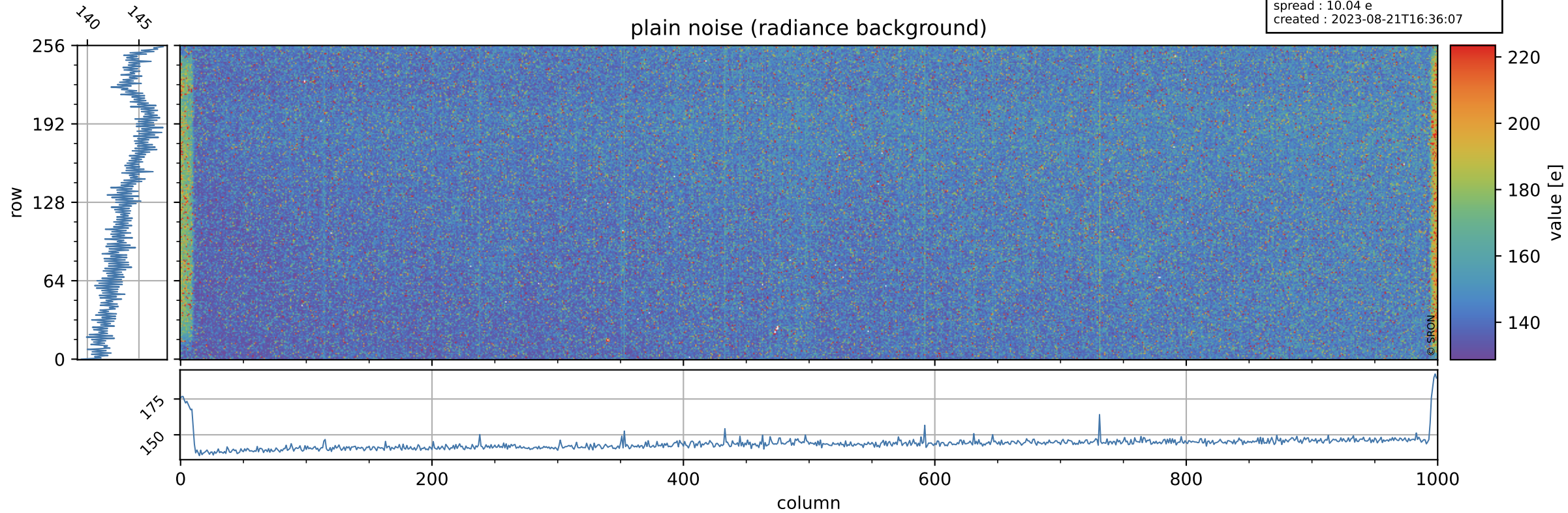
orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
n\_coad, t\_exp : 1, 1.0783  
median : 148.87 e  
spread : 11.265 e  
created : 2023-08-21T16:36:07



# Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 10.04 e  
created : 2023-08-21T16:36:07

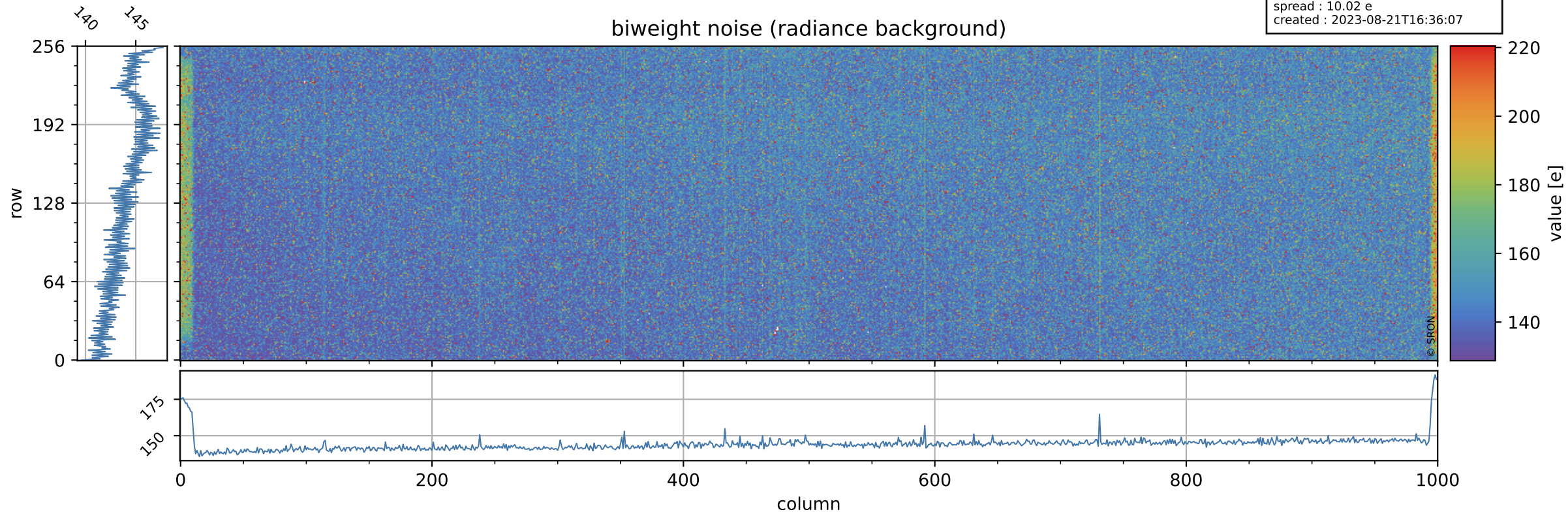
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
n\_coad, t\_exp : 1, 0.8383  
median : 143.89 e  
spread : 10.02 e  
created : 2023-08-21T16:36:07

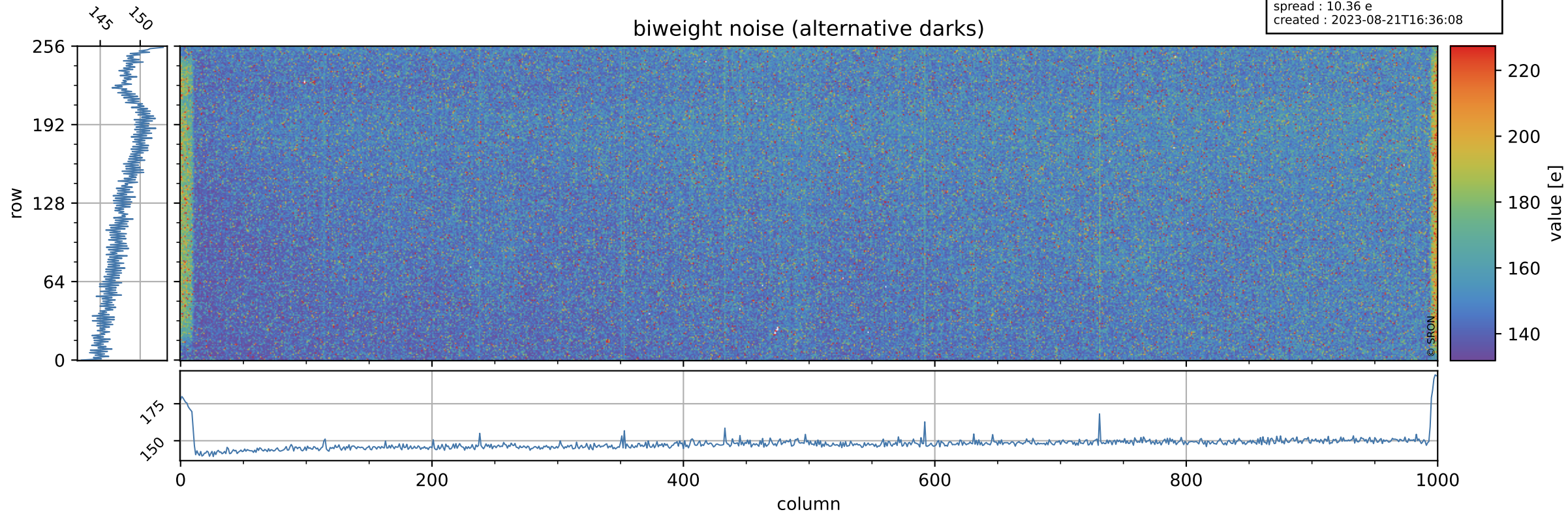
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.36 e  
created : 2023-08-21T16:36:08

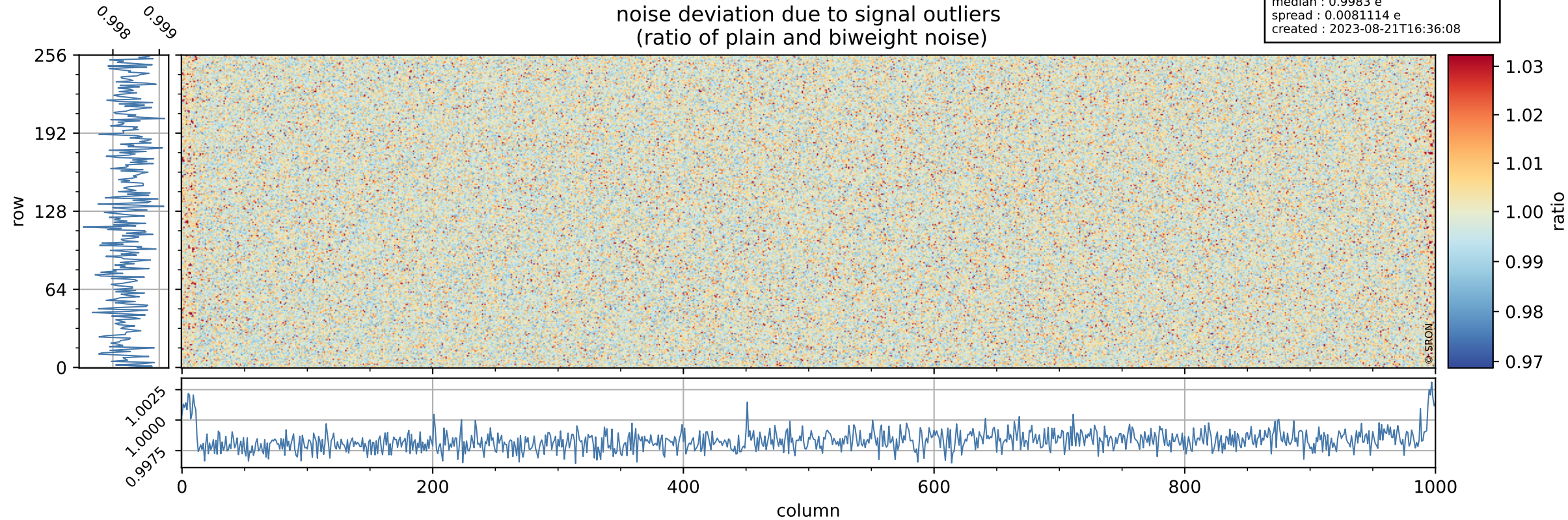
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

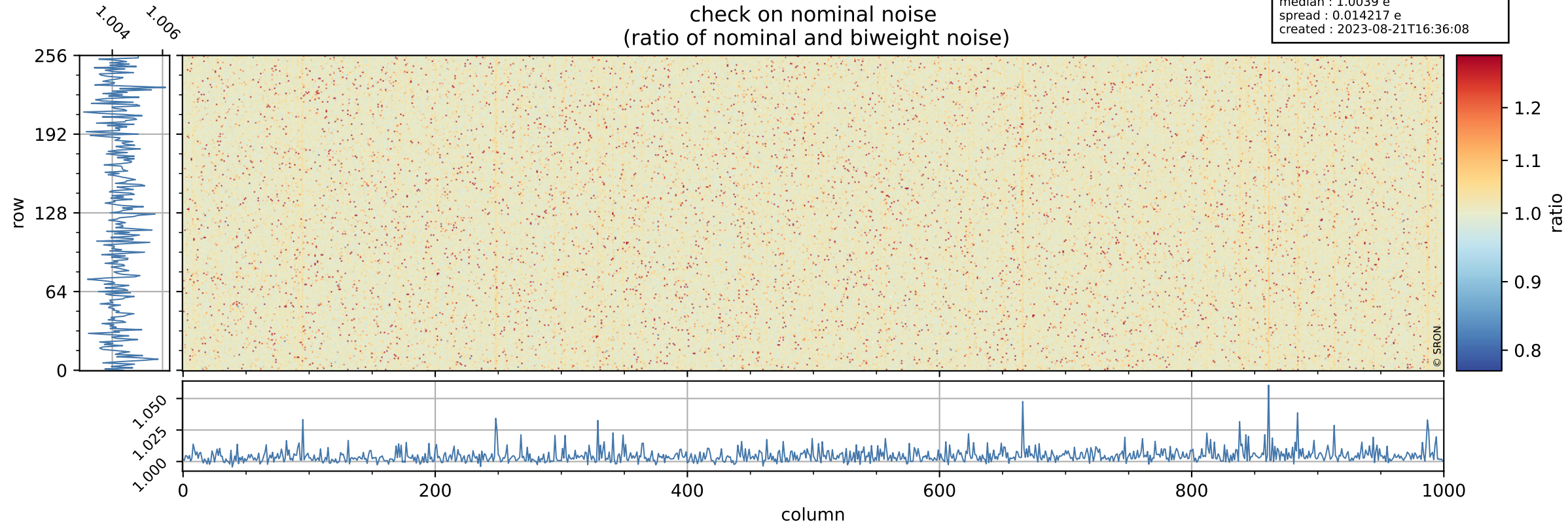
orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
median : 0.9983 e  
spread : 0.0081114 e  
created : 2023-08-21T16:36:08



# Tropomi SWIR background noise (swir)

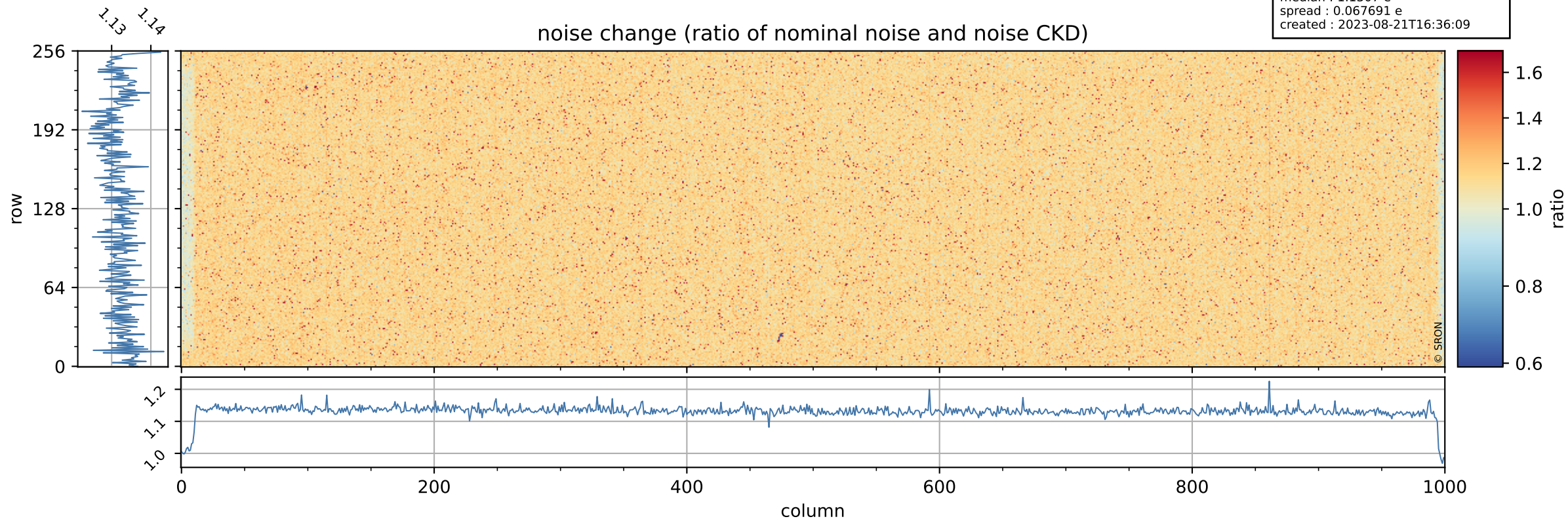
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
median : 1.0039 e  
spread : 0.014217 e  
created : 2023-08-21T16:36:08



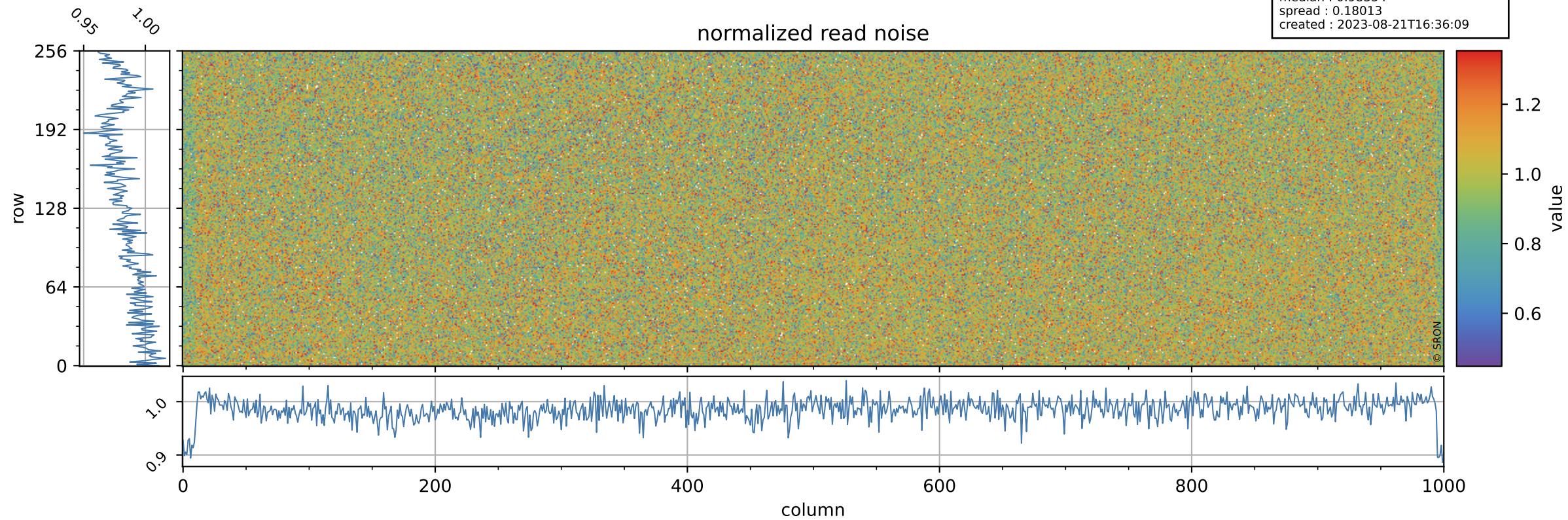
# Tropomi SWIR background noise (swir)

orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
median : 1.1307 e  
spread : 0.067691 e  
created : 2023-08-21T16:36:09



# Tropomi SWIR background noise (swir)

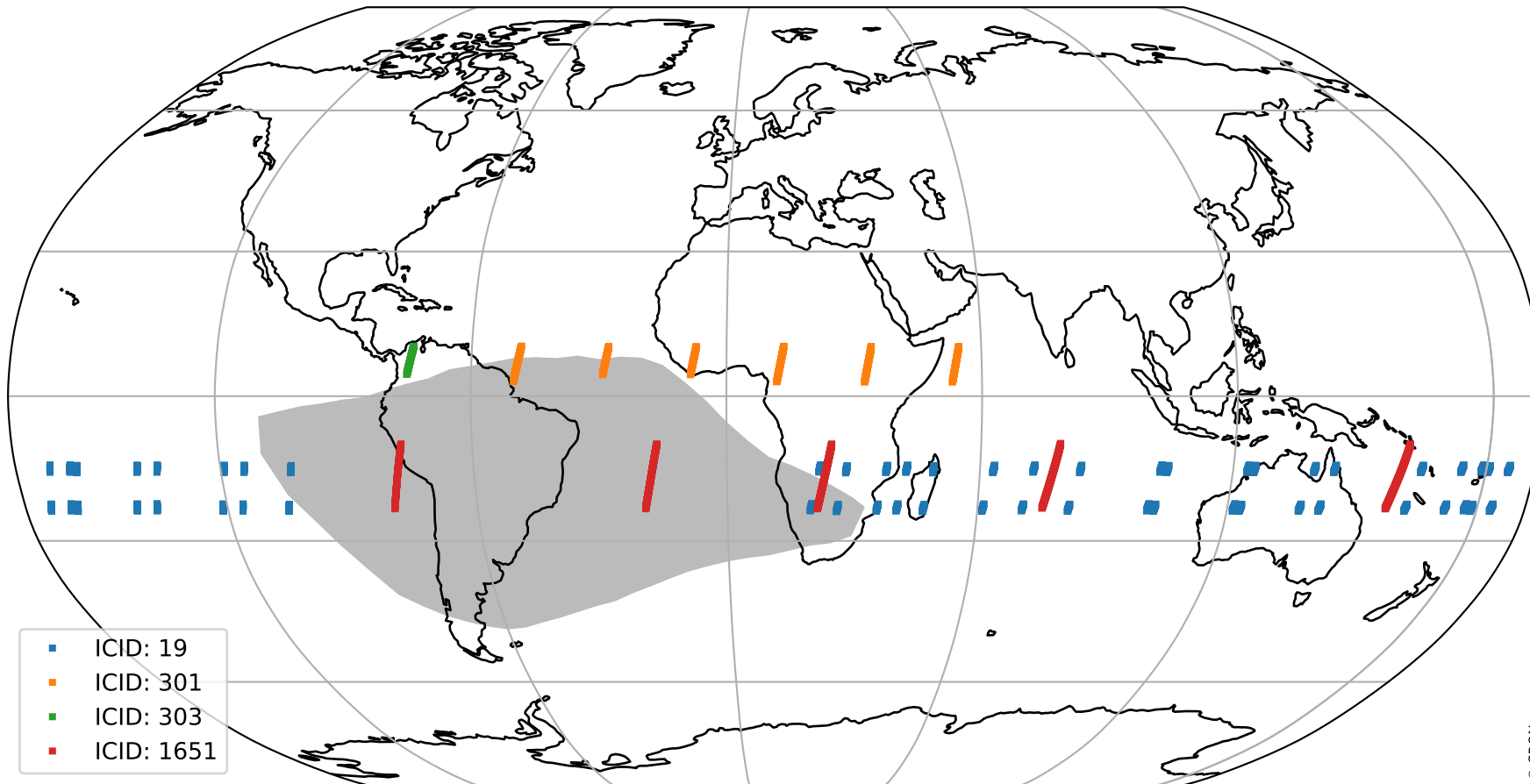
orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
median : 0.98354  
spread : 0.18013  
created : 2023-08-21T16:36:09





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

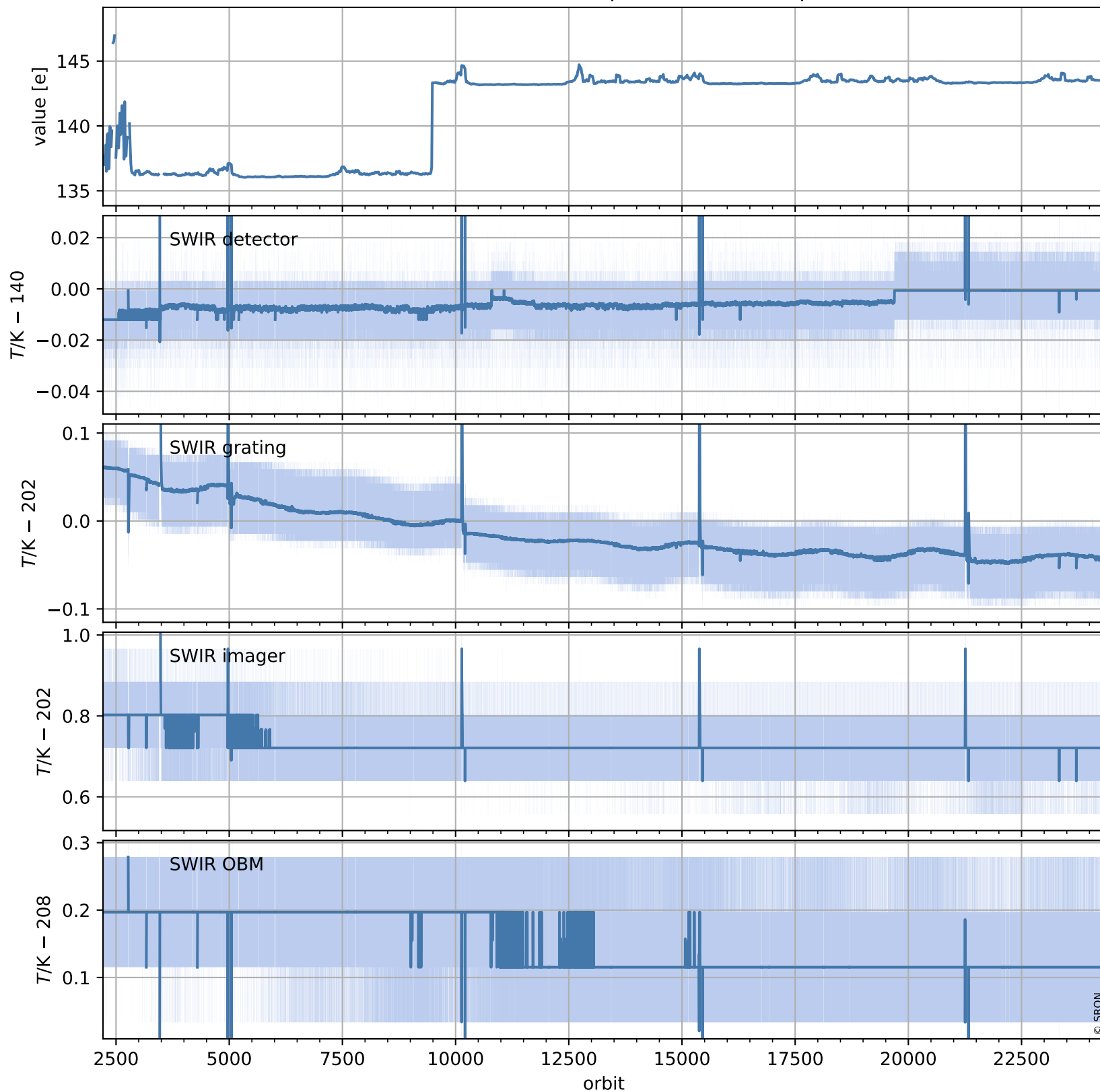
orbits : 12 in [24247, 24337]  
coverage : 2022-06-18 / 2022-06-24  
created : 2023-08-21T16:36:09



# Tropomi SWIR background noise (swir)

orbits : [2212, 24337]  
coverage : 2018-03-18 / 2022-06-24  
created : 2023-08-21T16:36:09

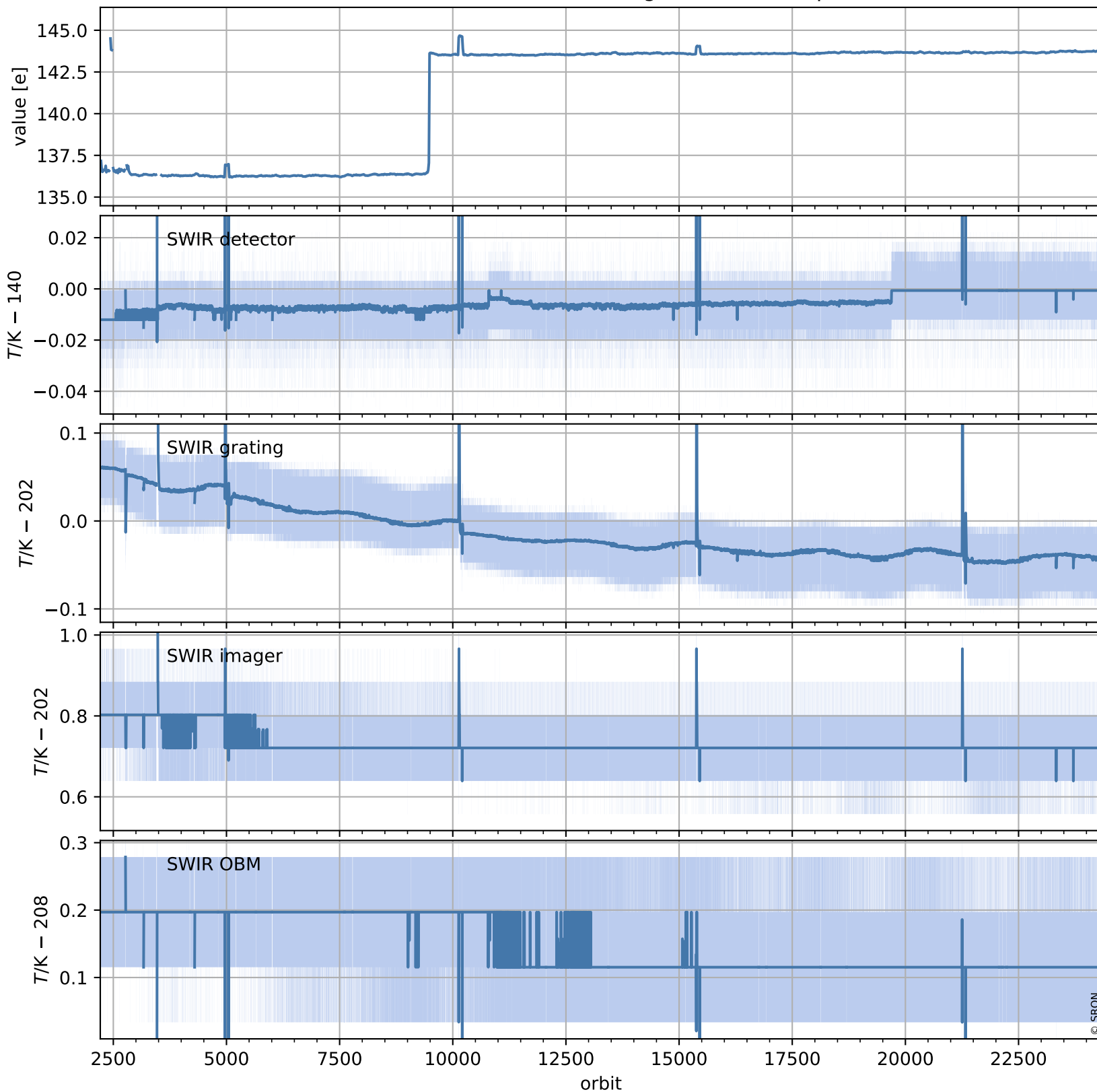
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24337]  
coverage : 2018-03-18 / 2022-06-24  
created : 2023-08-21T16:36:10

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24337]  
coverage : 2018-03-18 / 2022-06-24  
created : 2023-08-21T16:36:11

## trend of normalized read-noise & temperatures

