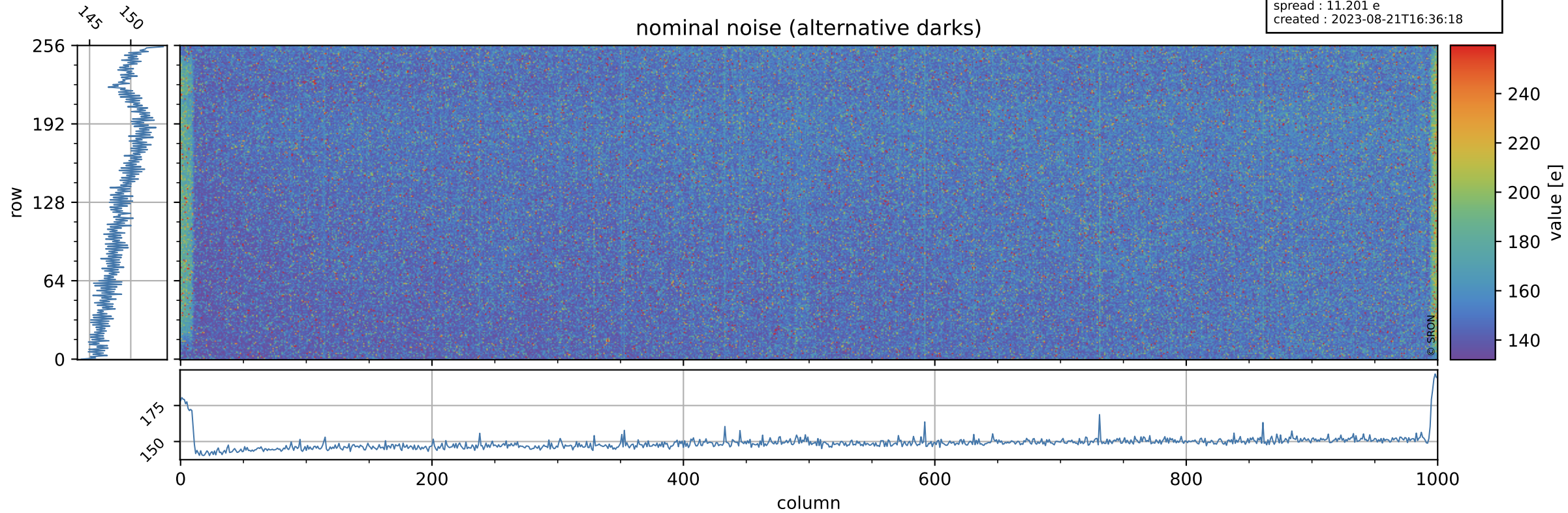


# Tropomi SWIR background noise (swir)

orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.81 e  
spread : 11.201 e  
created : 2023-08-21T16:36:18

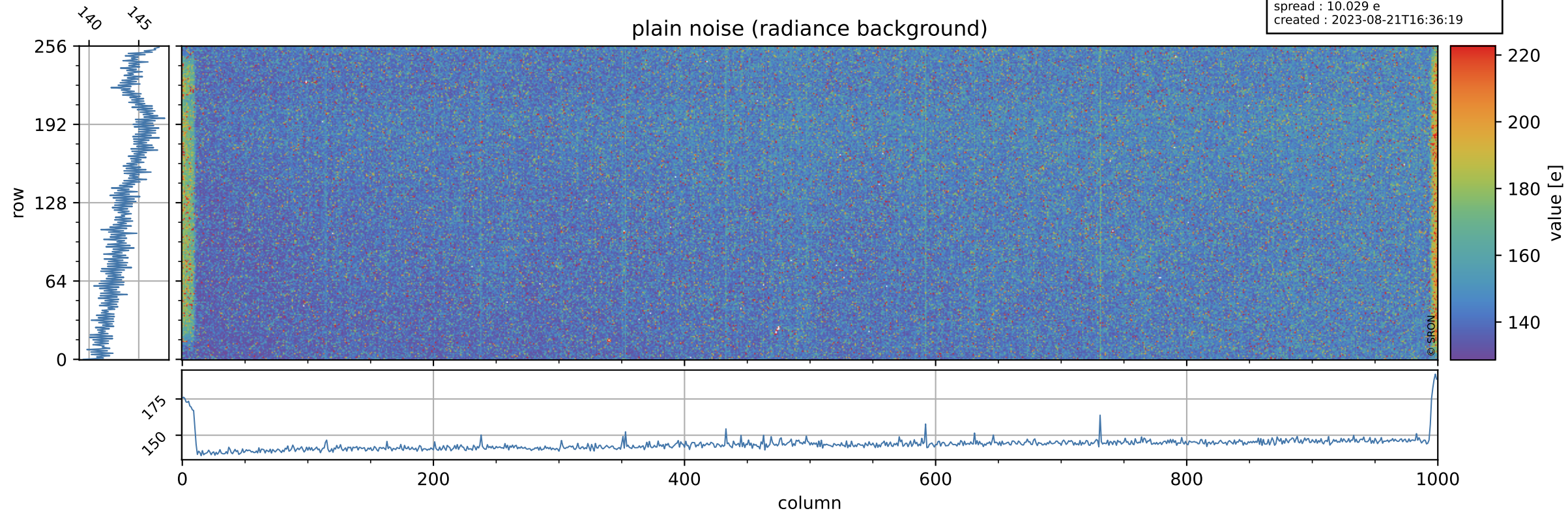
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.59 e  
spread : 10.029 e  
created : 2023-08-21T16:36:19

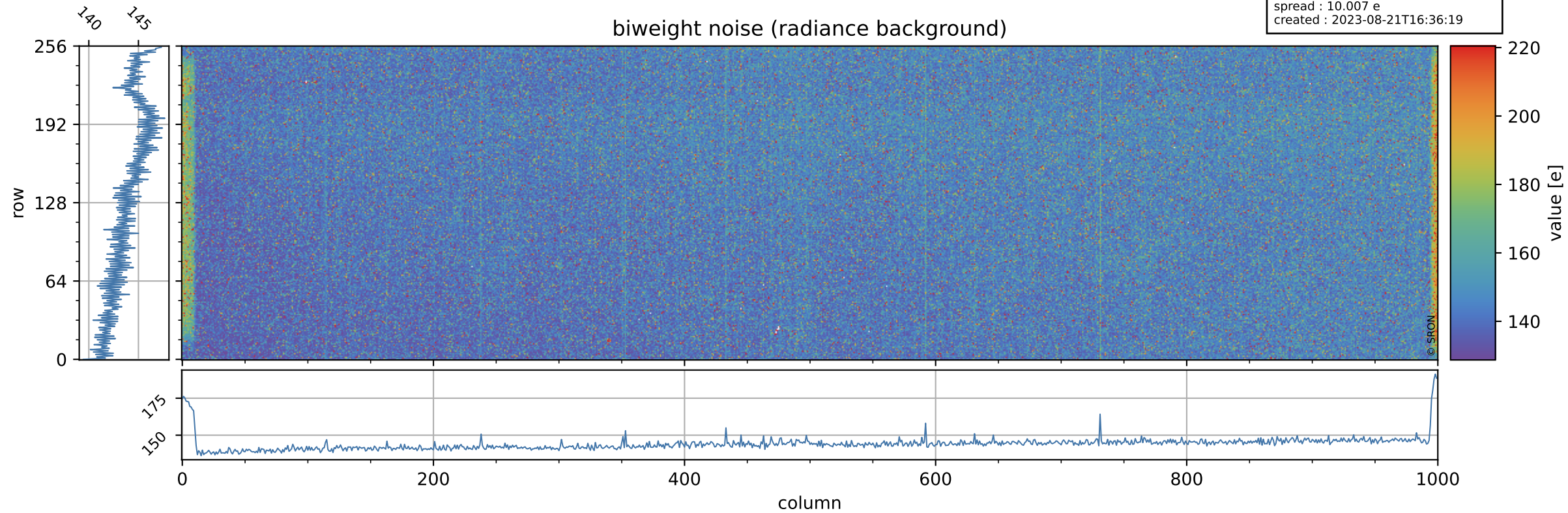
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

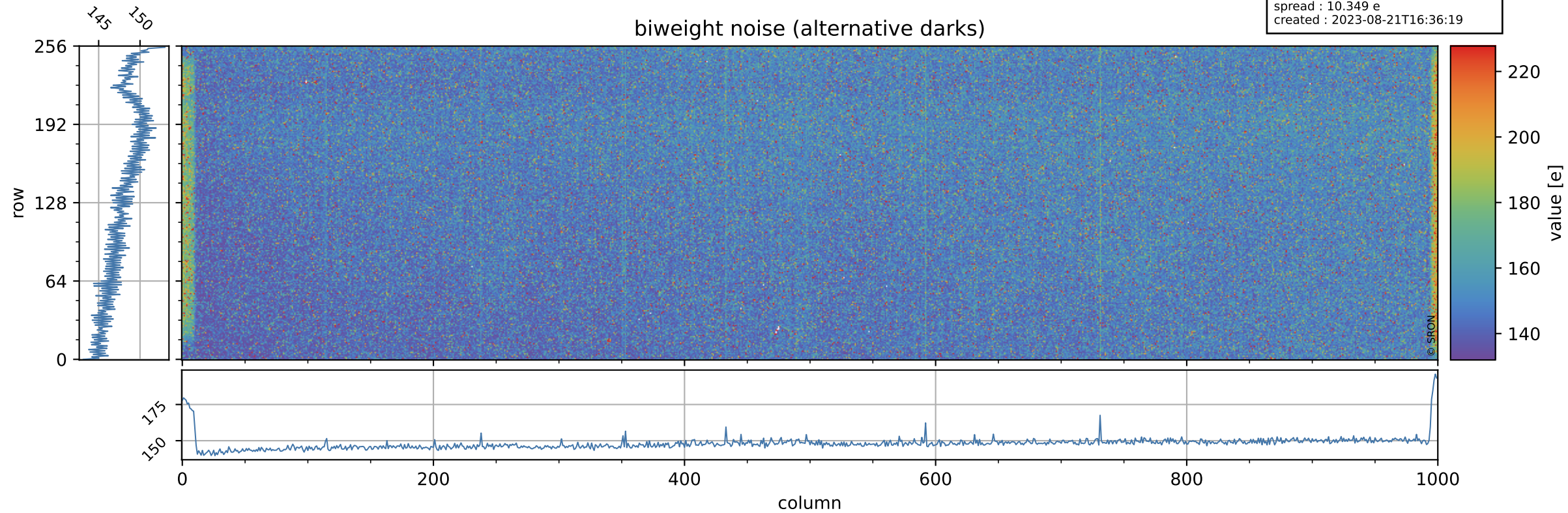
orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 10.007 e  
created : 2023-08-21T16:36:19

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

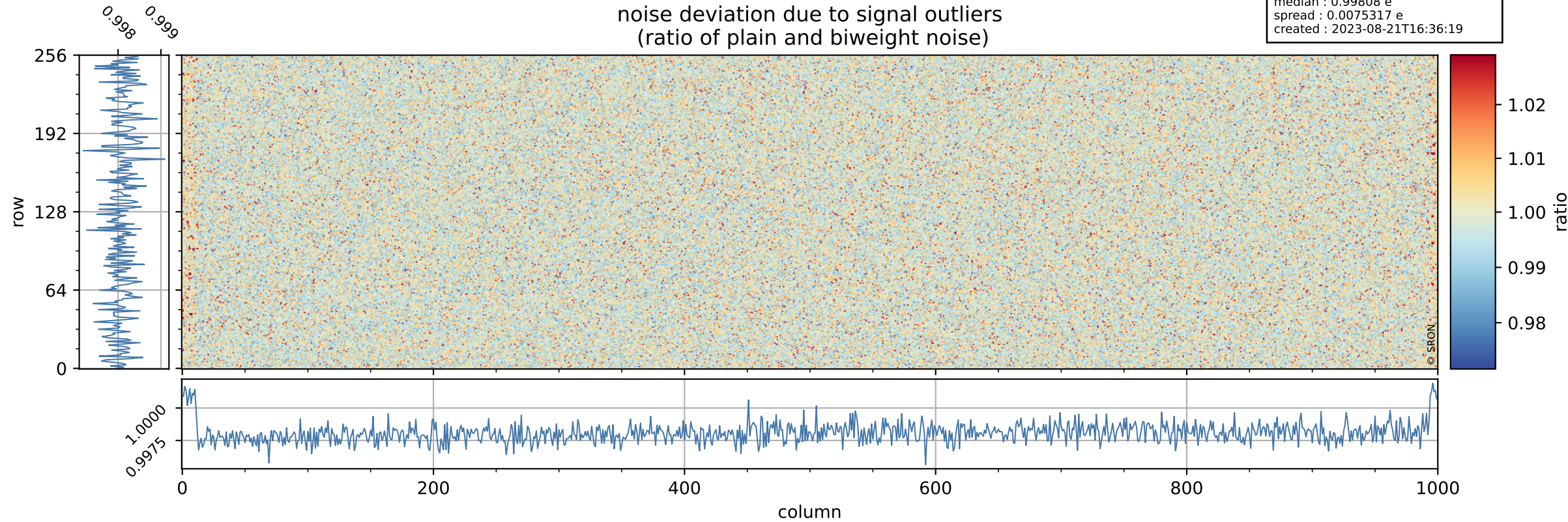
orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.86 e  
spread : 10.349 e  
created : 2023-08-21T16:36:19



# Tropomi SWIR background noise (swir)

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

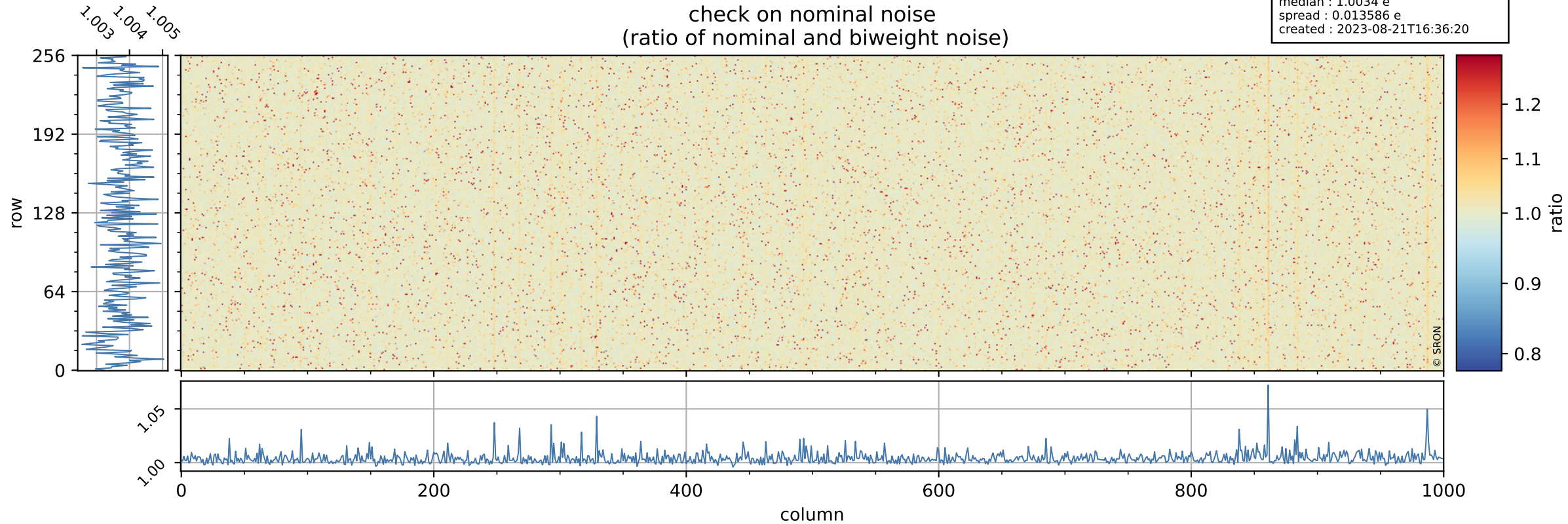
orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
median : 0.99808 e  
spread : 0.0075317 e  
created : 2023-08-21T16:36:19



# Tropomi SWIR background noise (swir)

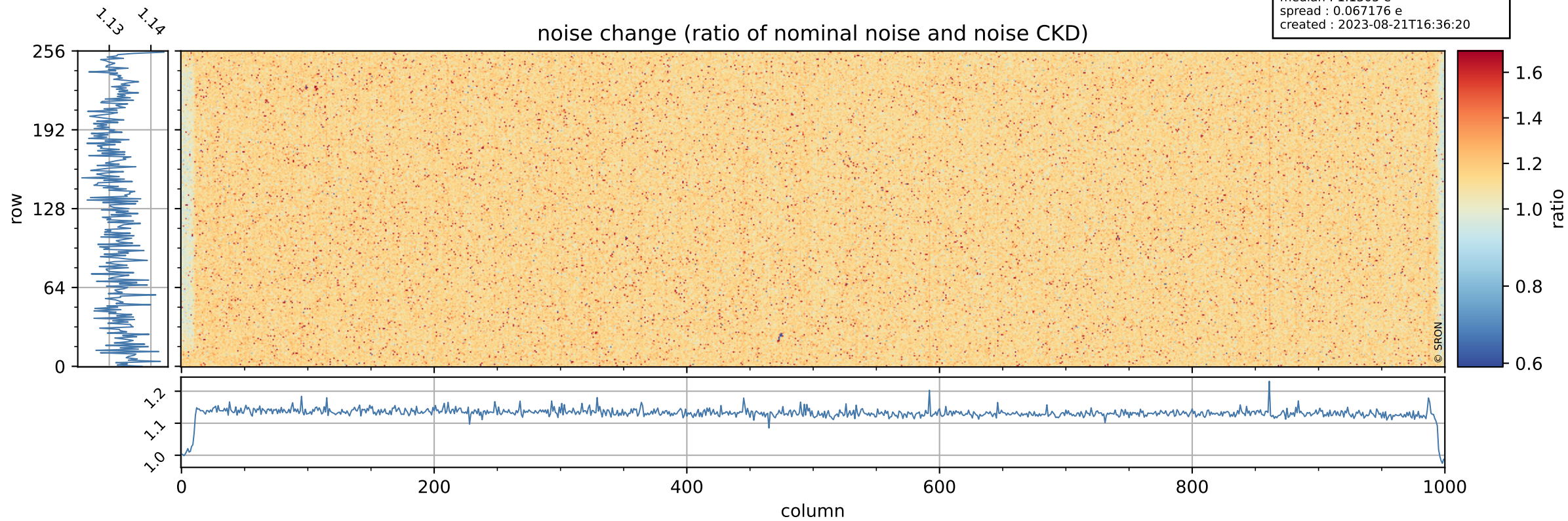
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
median : 1.0034 e  
spread : 0.013586 e  
created : 2023-08-21T16:36:20



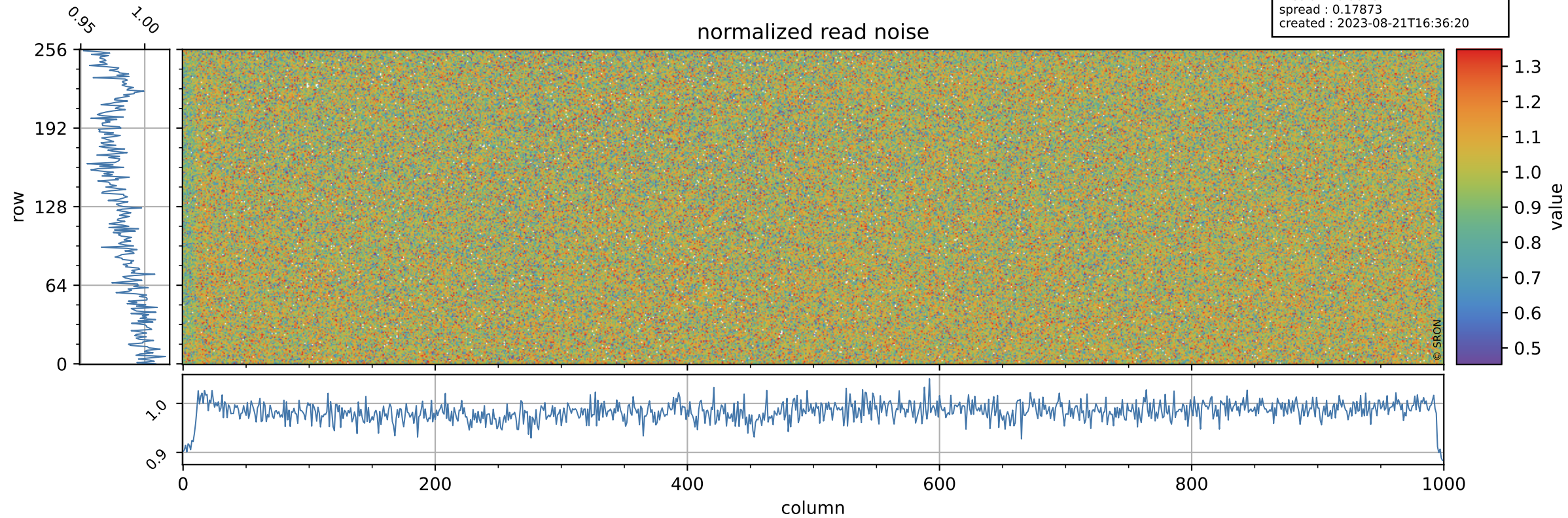
# Tropomi SWIR background noise (swir)

orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
median : 1.1305 e  
spread : 0.067176 e  
created : 2023-08-21T16:36:20



# Tropomi SWIR background noise (swir)

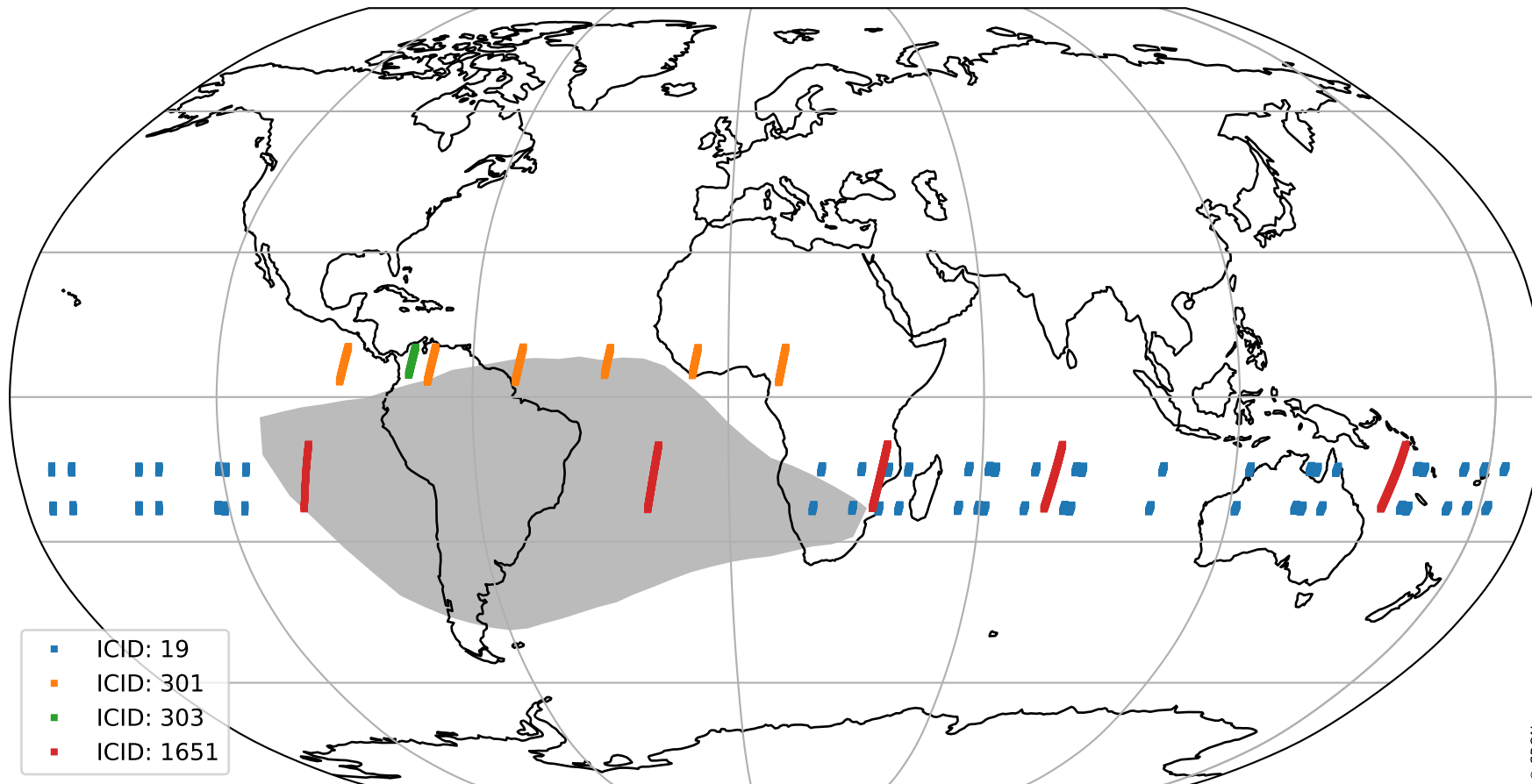
orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
median : 0.98162  
spread : 0.17873  
created : 2023-08-21T16:36:20





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

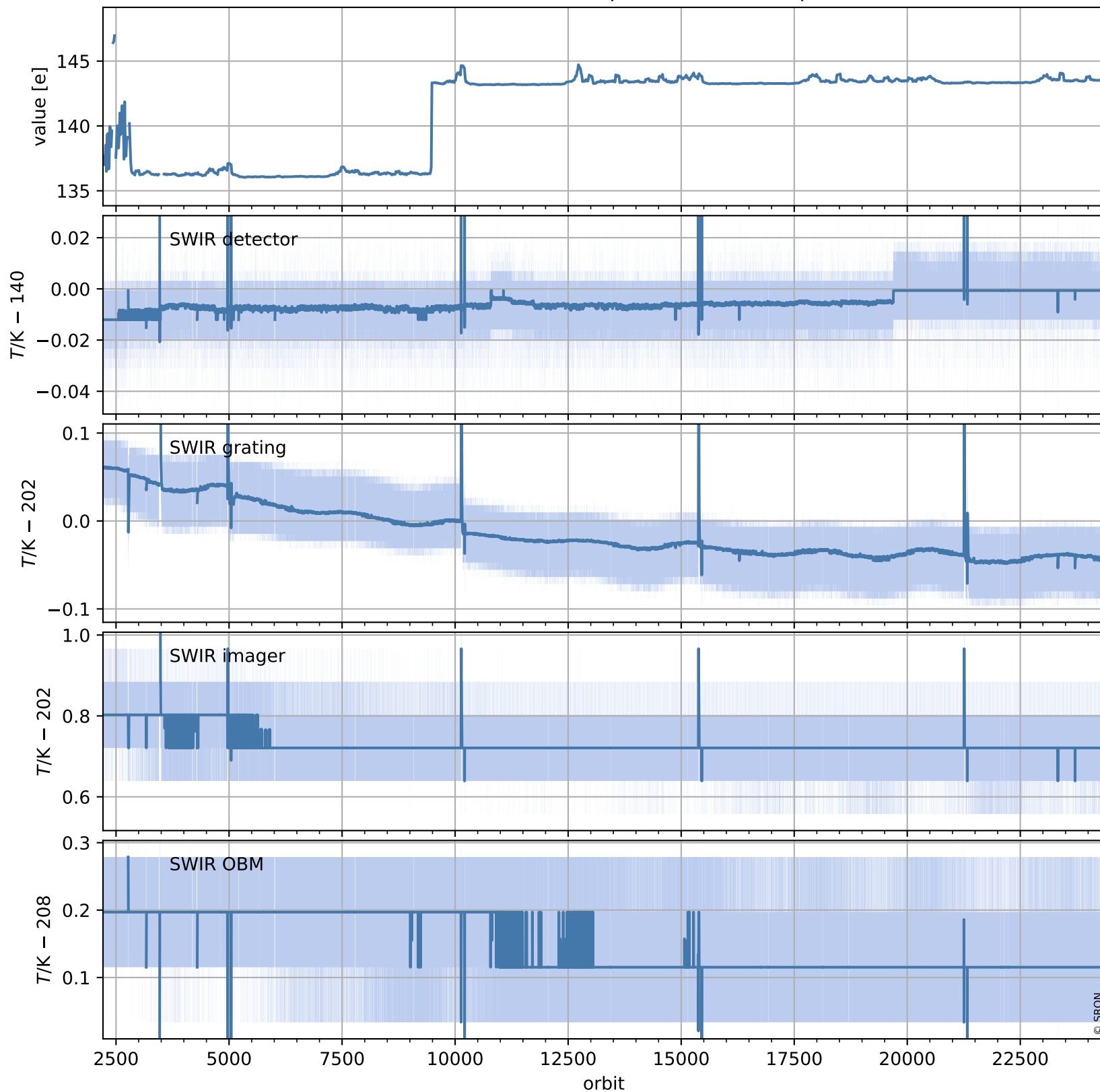
orbits : 12 in [24277, 24367]  
coverage : 2022-06-20 / 2022-06-26  
created : 2023-08-21T16:36:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 24367]  
coverage : 2018-03-18 / 2022-06-26  
created : 2023-08-21T16:36:21

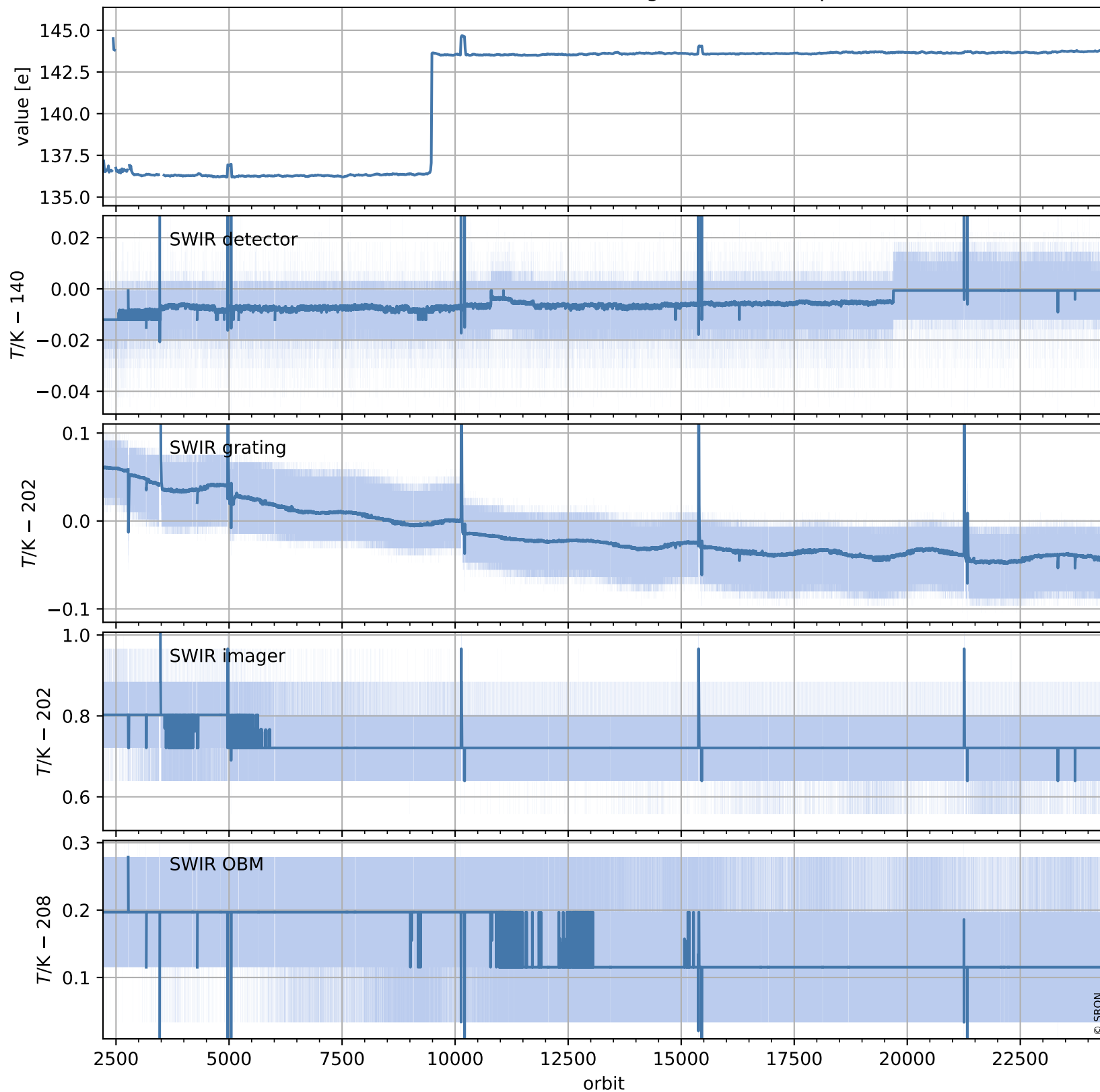
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24367]  
coverage : 2018-03-18 / 2022-06-26  
created : 2023-08-21T16:36:22

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24367]  
coverage : 2018-03-18 / 2022-06-26  
created : 2023-08-21T16:36:23

## trend of normalized read-noise & temperatures

