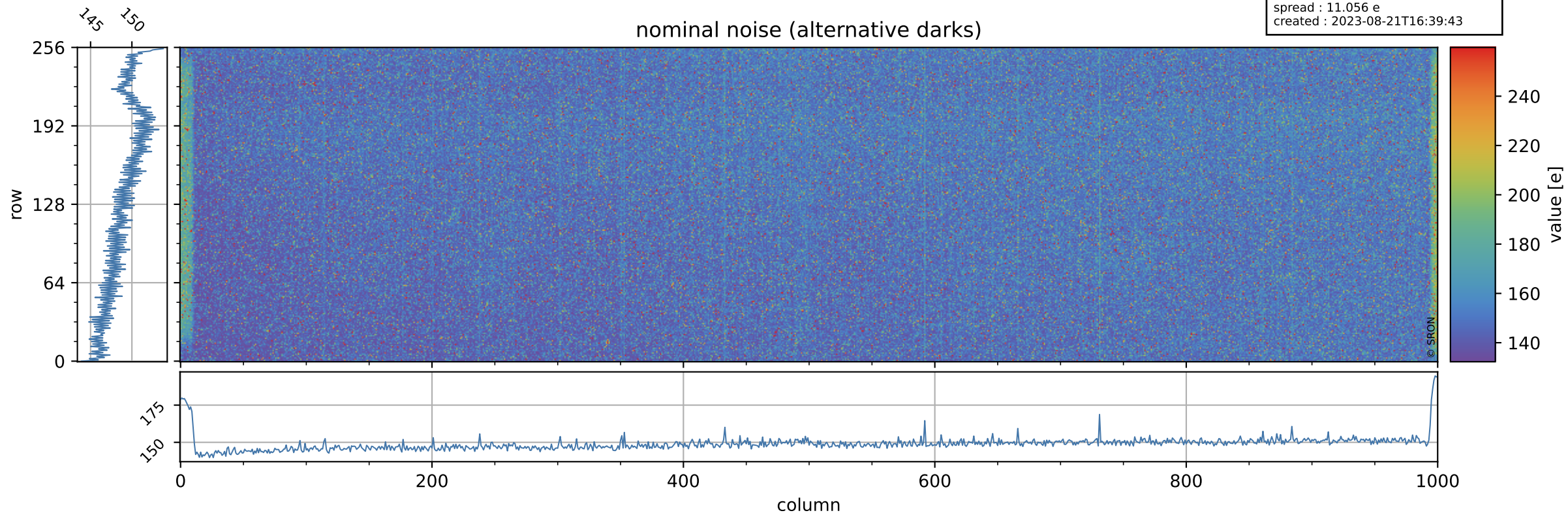


# Tropomi SWIR background noise (swir)

orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.8 e  
spread : 11.056 e  
created : 2023-08-21T16:39:43

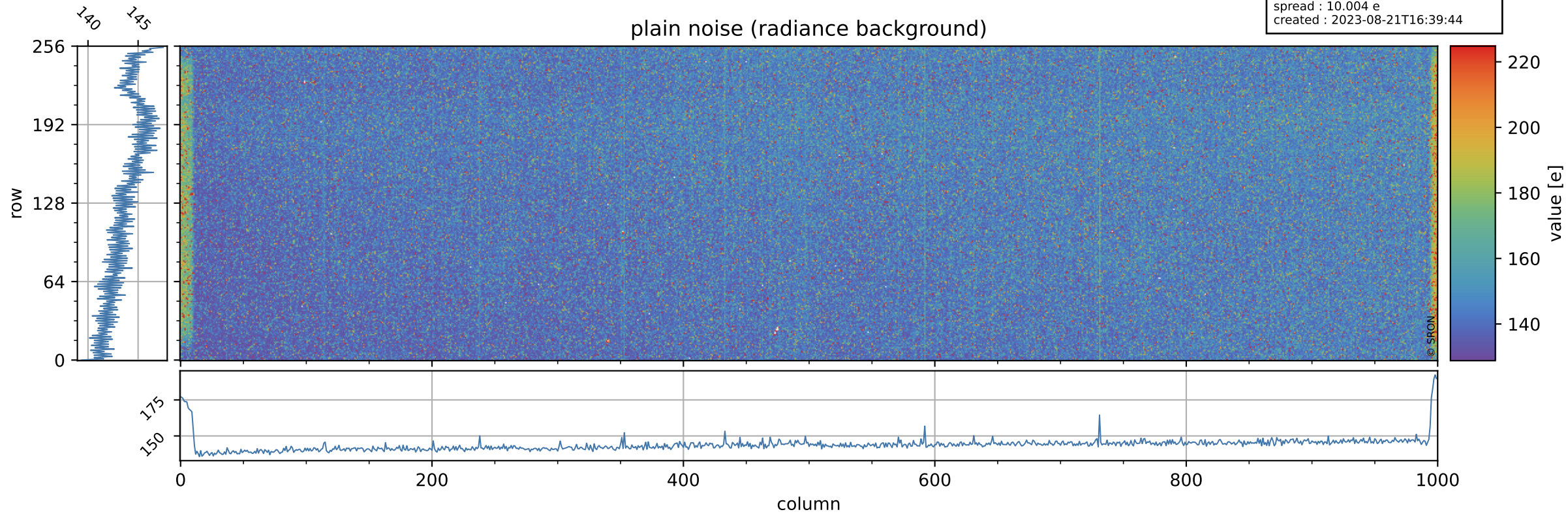
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.66 e  
spread : 10.004 e  
created : 2023-08-21T16:39:44

plain noise (radiance background)

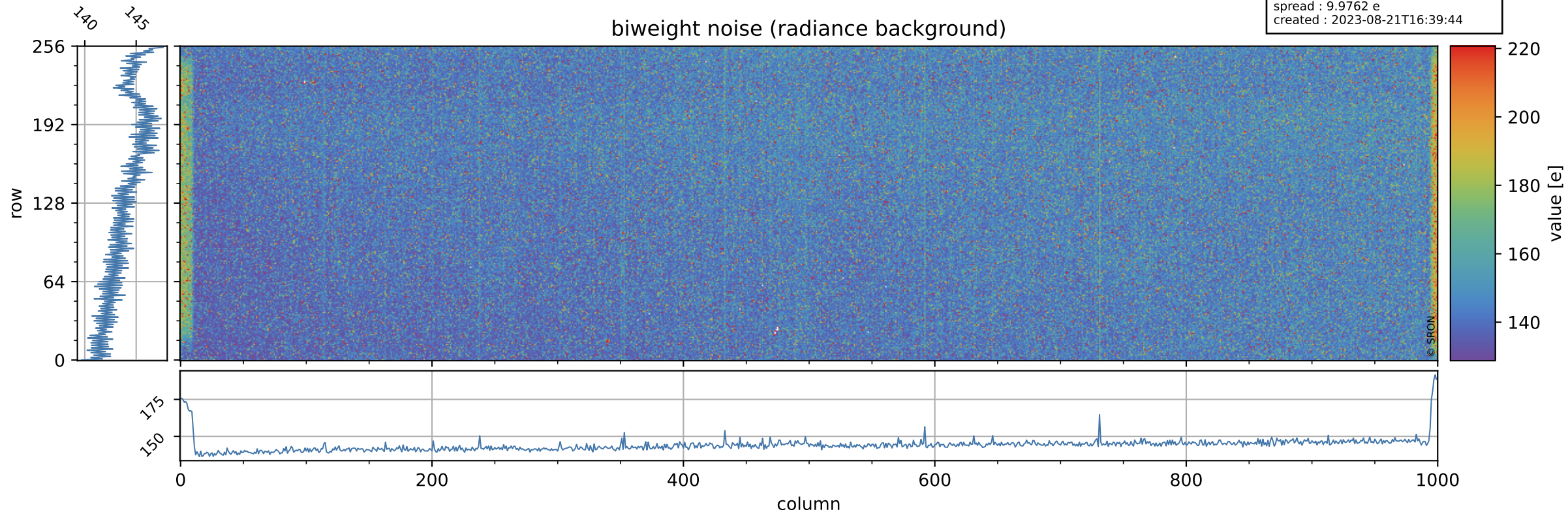




# Tropomi SWIR background noise (swir)

orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 9.9762 e  
created : 2023-08-21T16:39:44

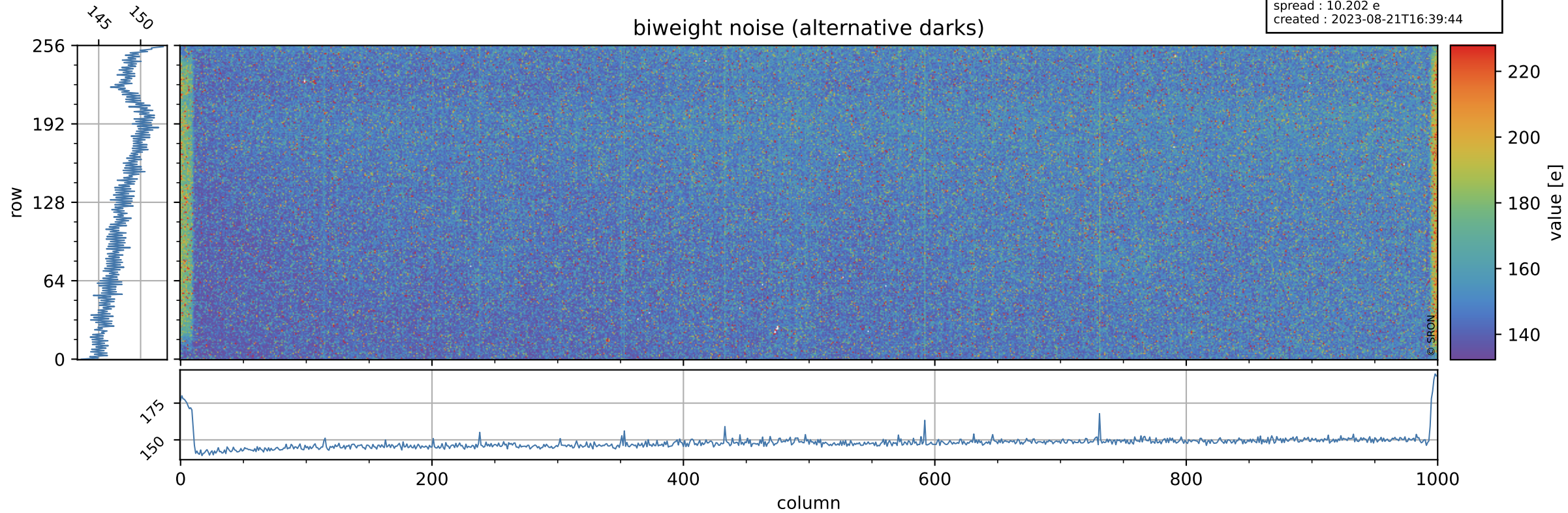
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.202 e  
created : 2023-08-21T16:39:44

## biweight noise (alternative darks)

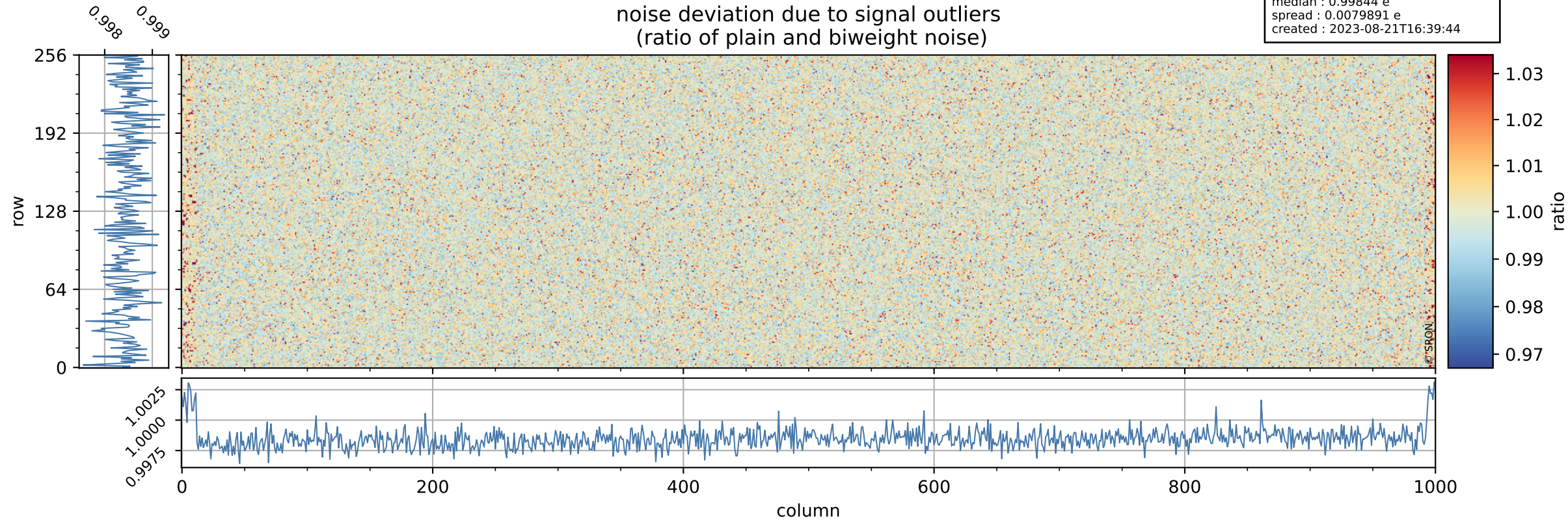




# Tropomi SWIR background noise (swir)

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

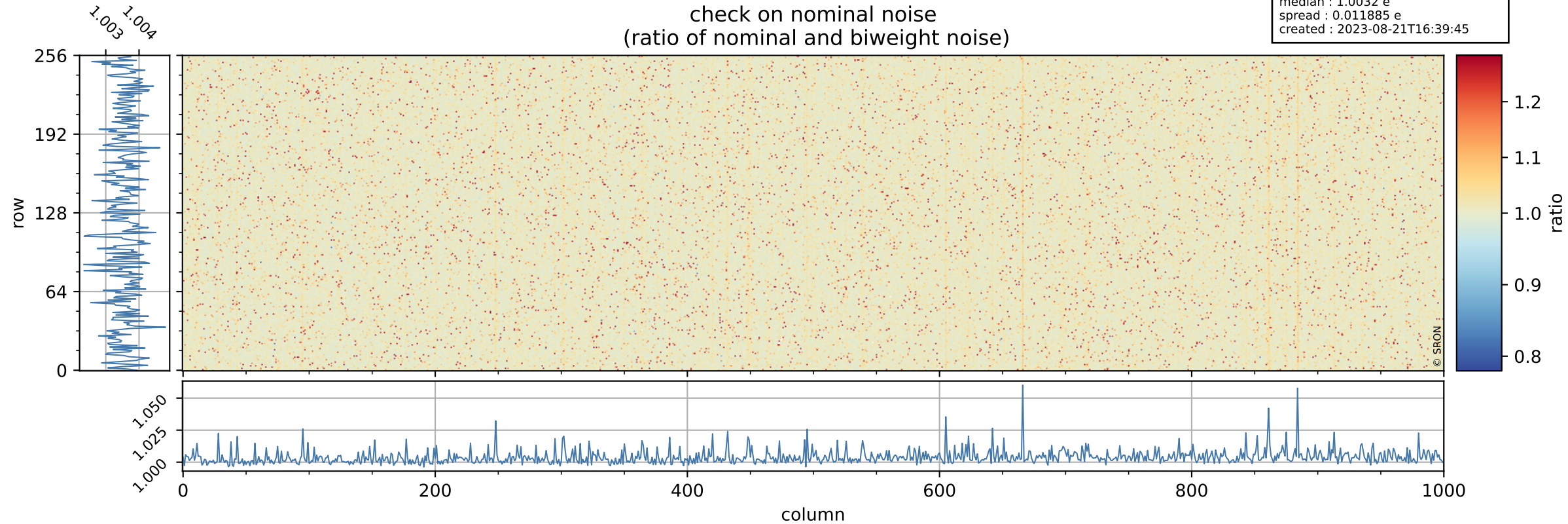
orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
median : 0.99844 e  
spread : 0.0079891 e  
created : 2023-08-21T16:39:44



# Tropomi SWIR background noise (swir)

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

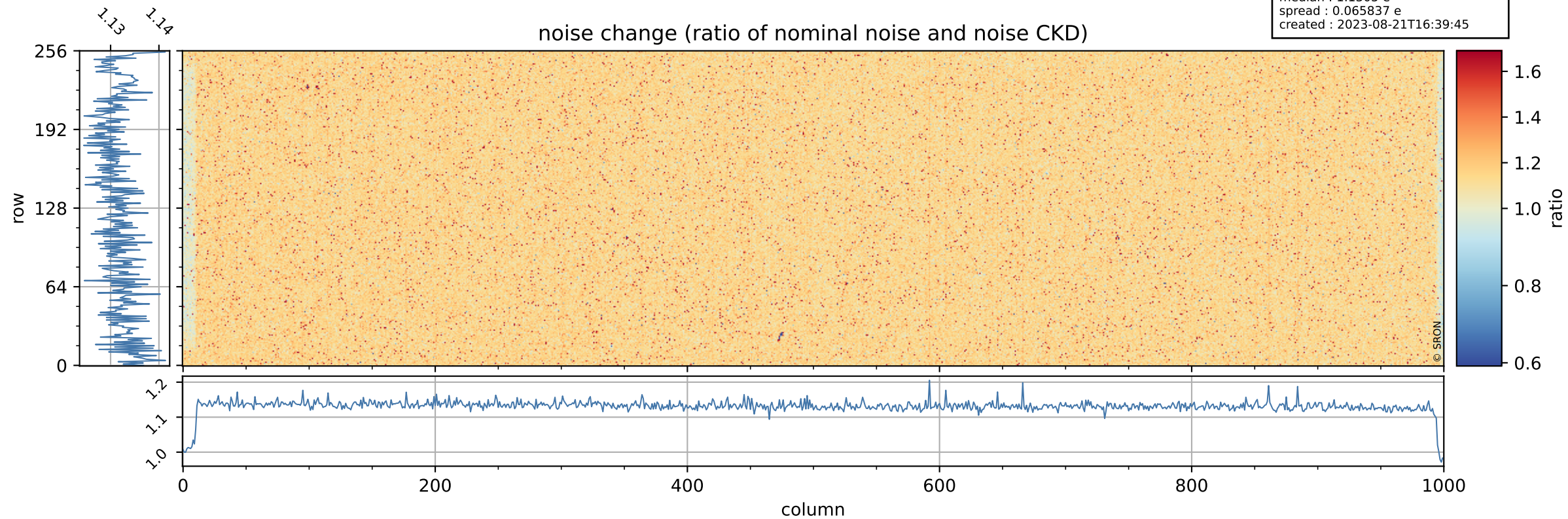
orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
median : 1.0032 e  
spread : 0.011885 e  
created : 2023-08-21T16:39:45





# Tropomi SWIR background noise (swir)

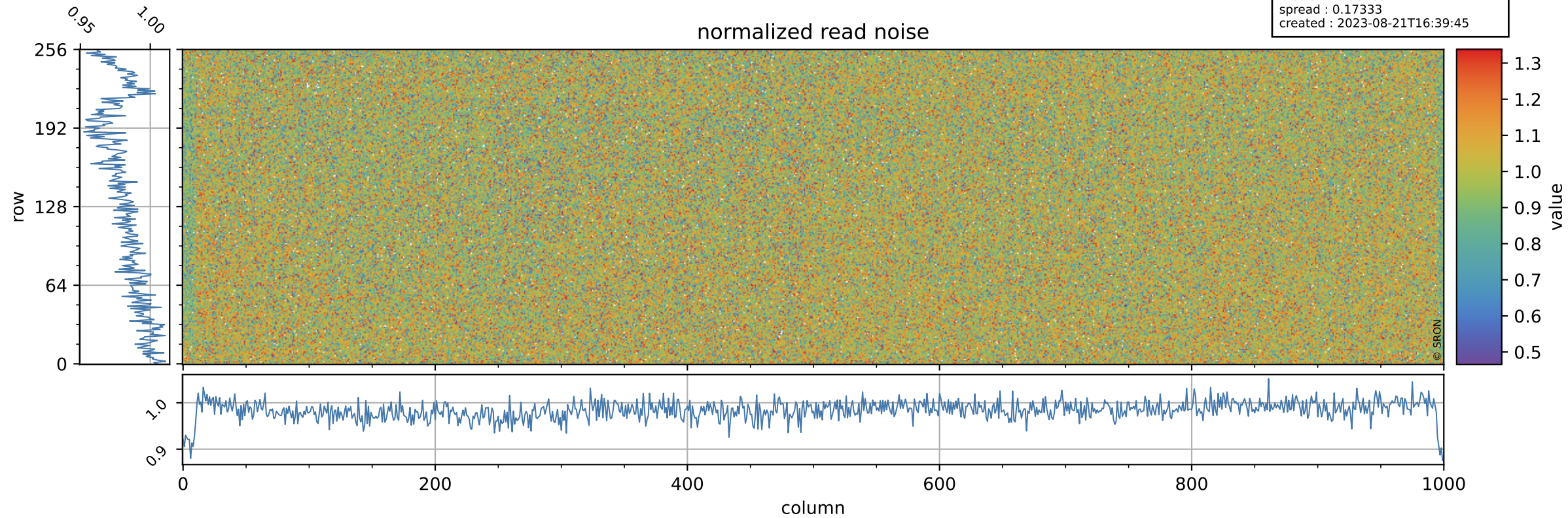
orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
median : 1.1305 e  
spread : 0.065837 e  
created : 2023-08-21T16:39:45





# Tropomi SWIR background noise (swir)

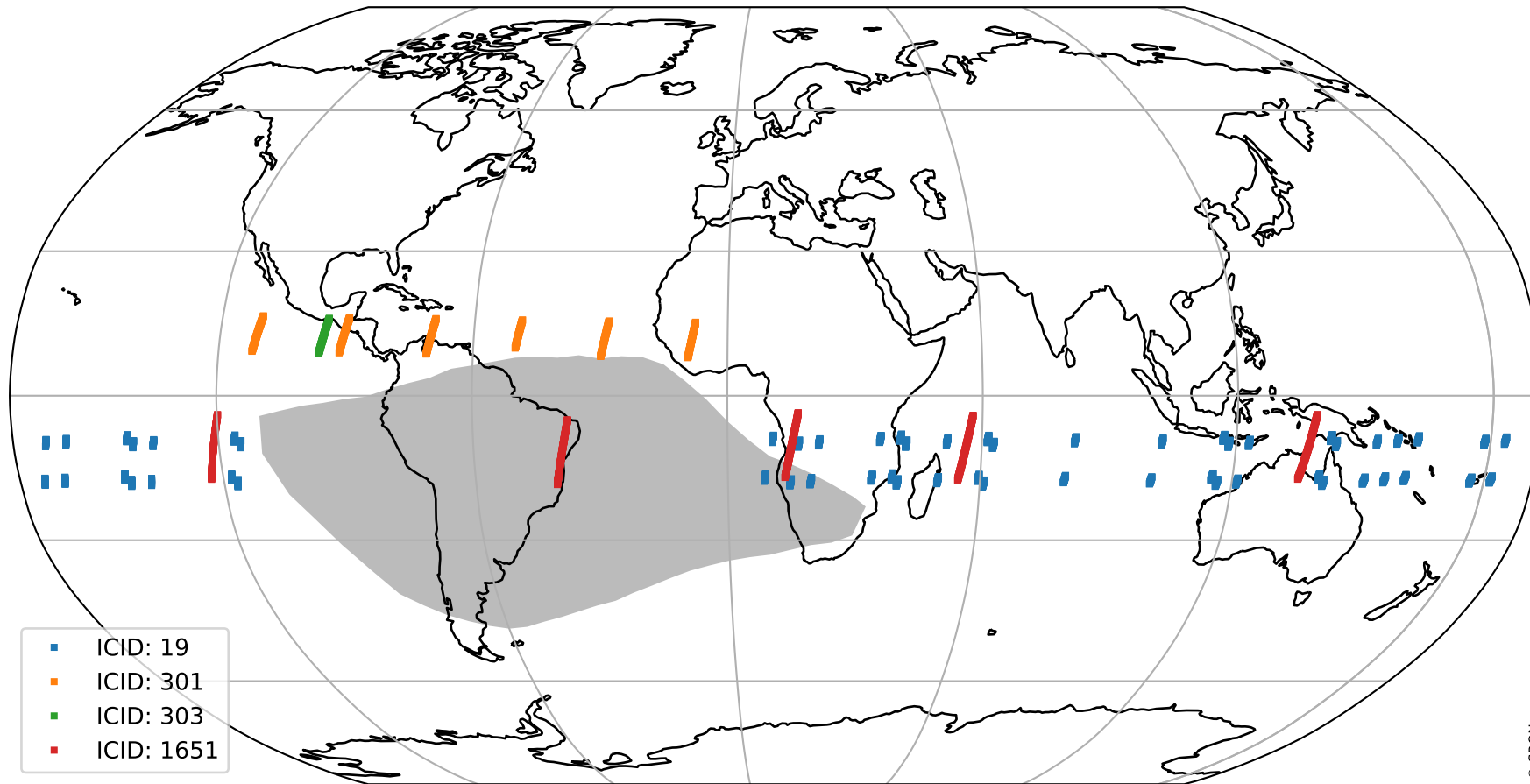
orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
median : 0.98203  
spread : 0.17333  
created : 2023-08-21T16:39:45





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

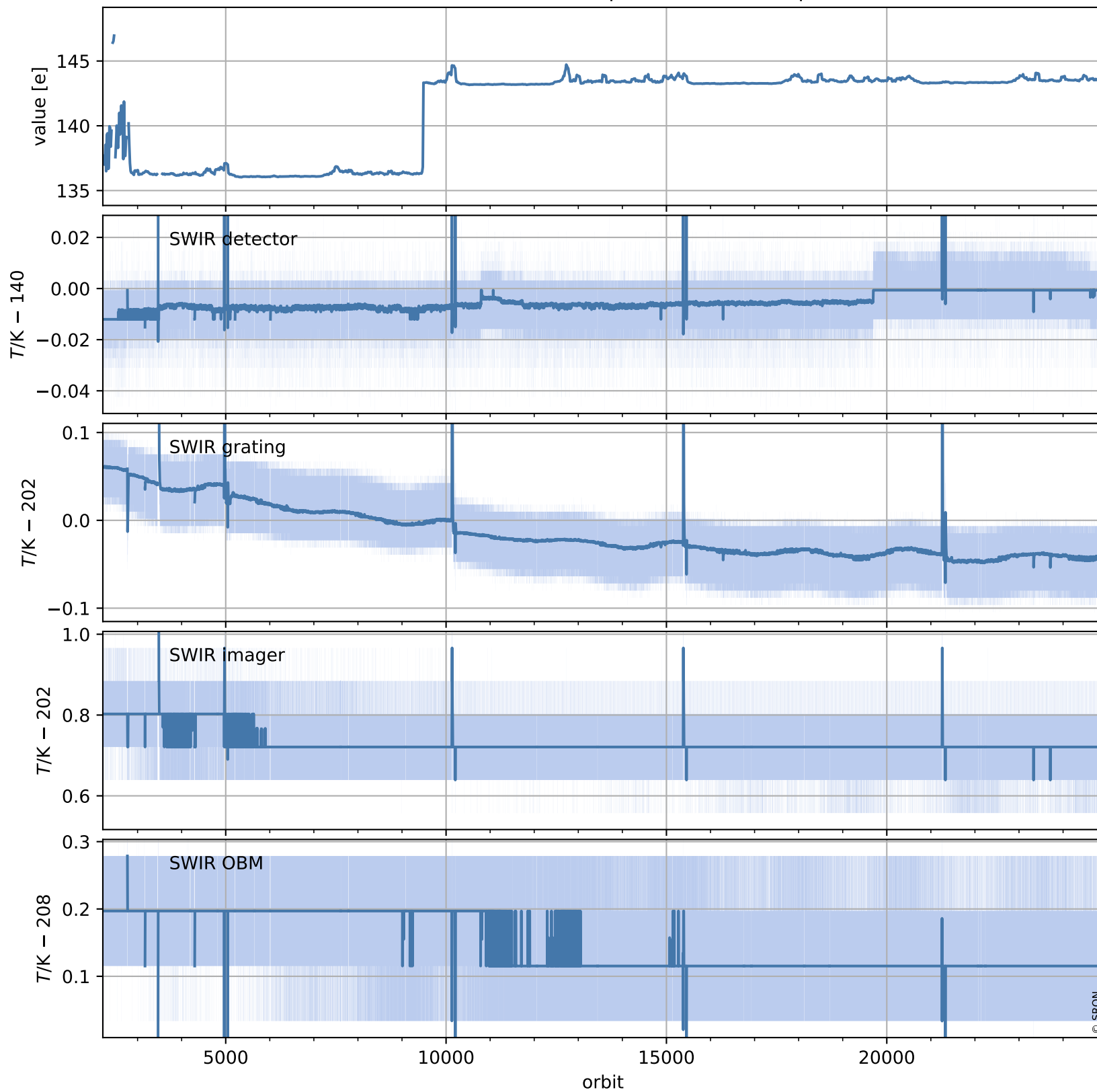
orbits : 12 in [24817, 24907]  
coverage : 2022-07-29 / 2022-08-04  
created : 2023-08-21T16:39:45



# Tropomi SWIR background noise (swir)

orbits : [2212, 24907]  
coverage : 2018-03-18 / 2022-08-04  
created : 2023-08-21T16:39:46

## trend of detector median of plain noise & temperatures

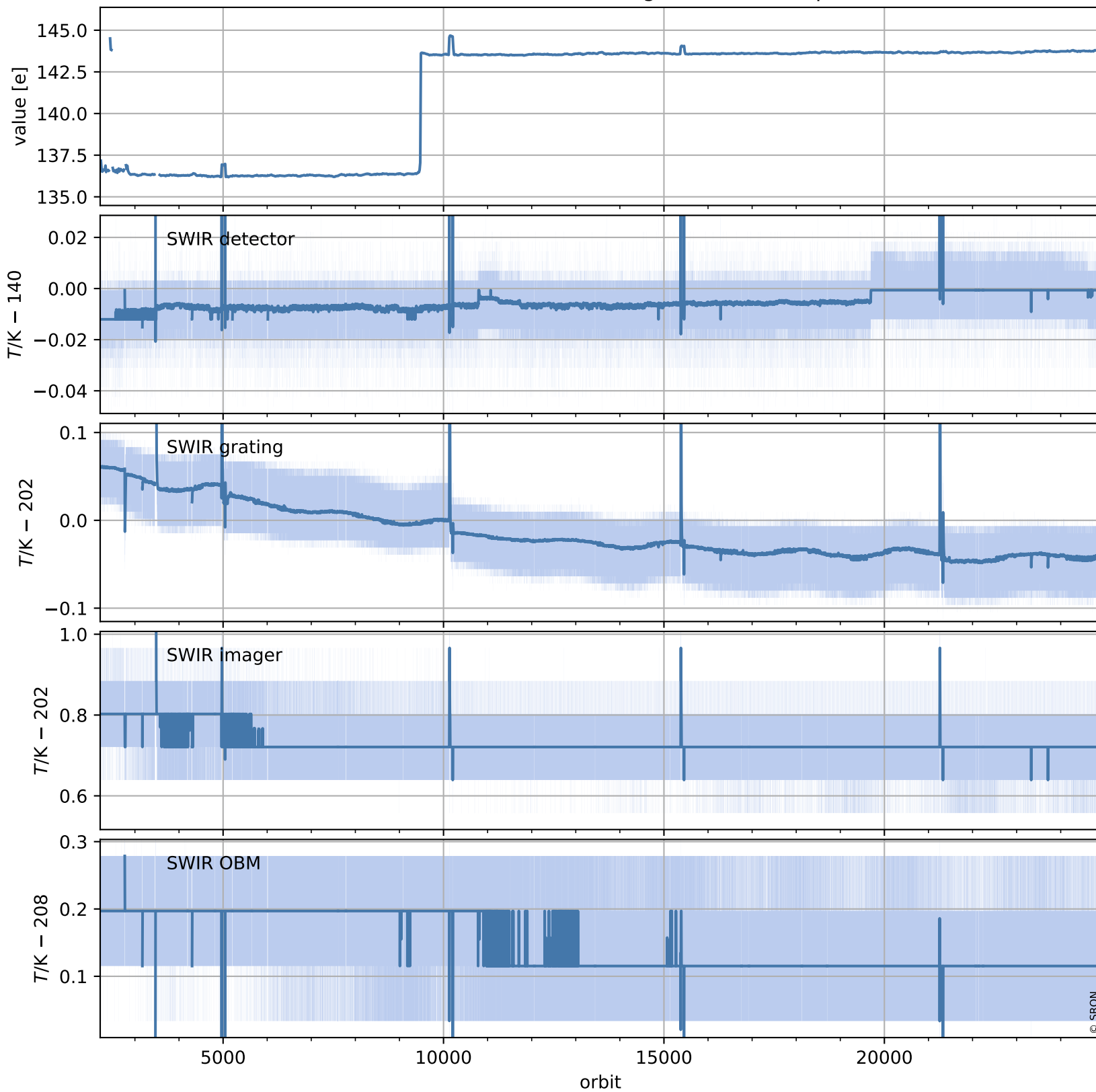




# Tropomi SWIR background noise (swir)

orbits : [2212, 24907]  
coverage : 2018-03-18 / 2022-08-04  
created : 2023-08-21T16:39:47

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24907]  
coverage : 2018-03-18 / 2022-08-04  
created : 2023-08-21T16:39:47

## trend of normalized read-noise & temperatures

