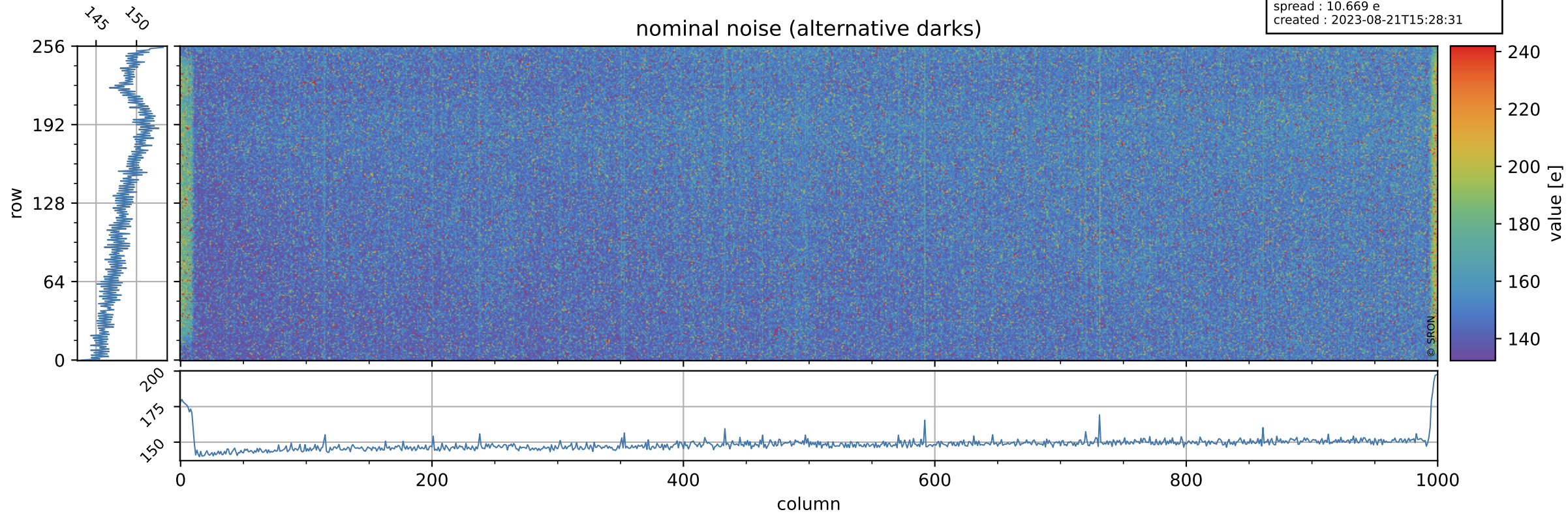


# Tropomi SWIR background noise (swir)

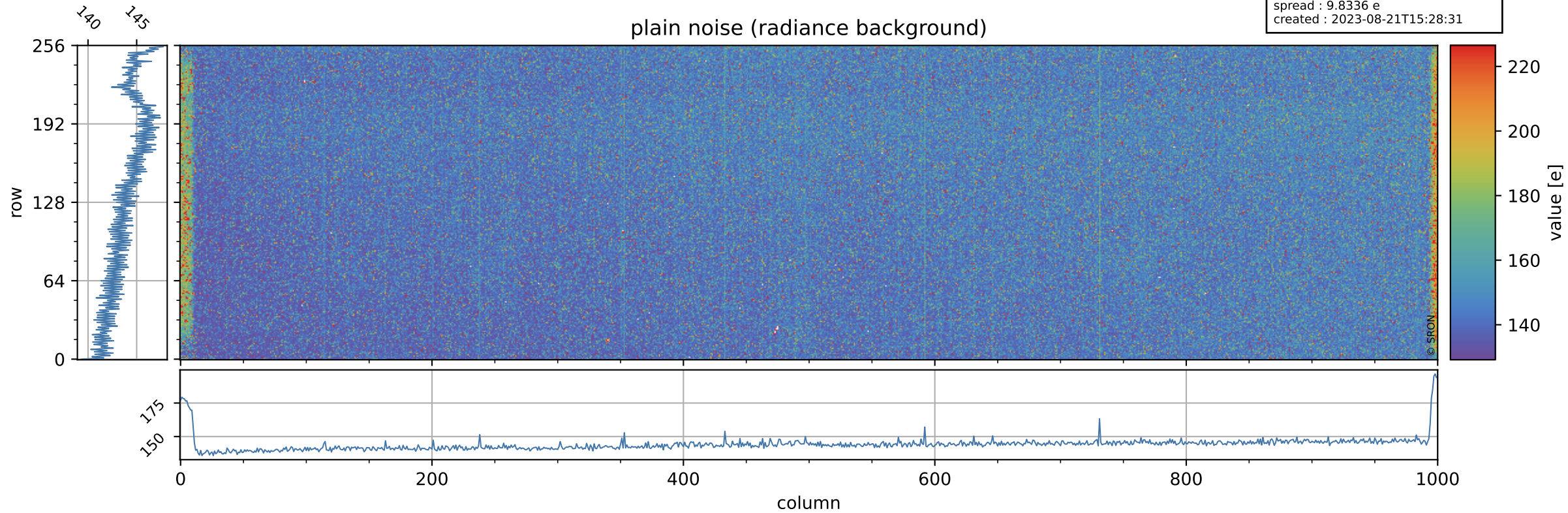
orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.41 e  
spread : 10.669 e  
created : 2023-08-21T15:28:31



# Tropomi SWIR background noise (swir)

orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.85 e  
spread : 9.8336 e  
created : 2023-08-21T15:28:31

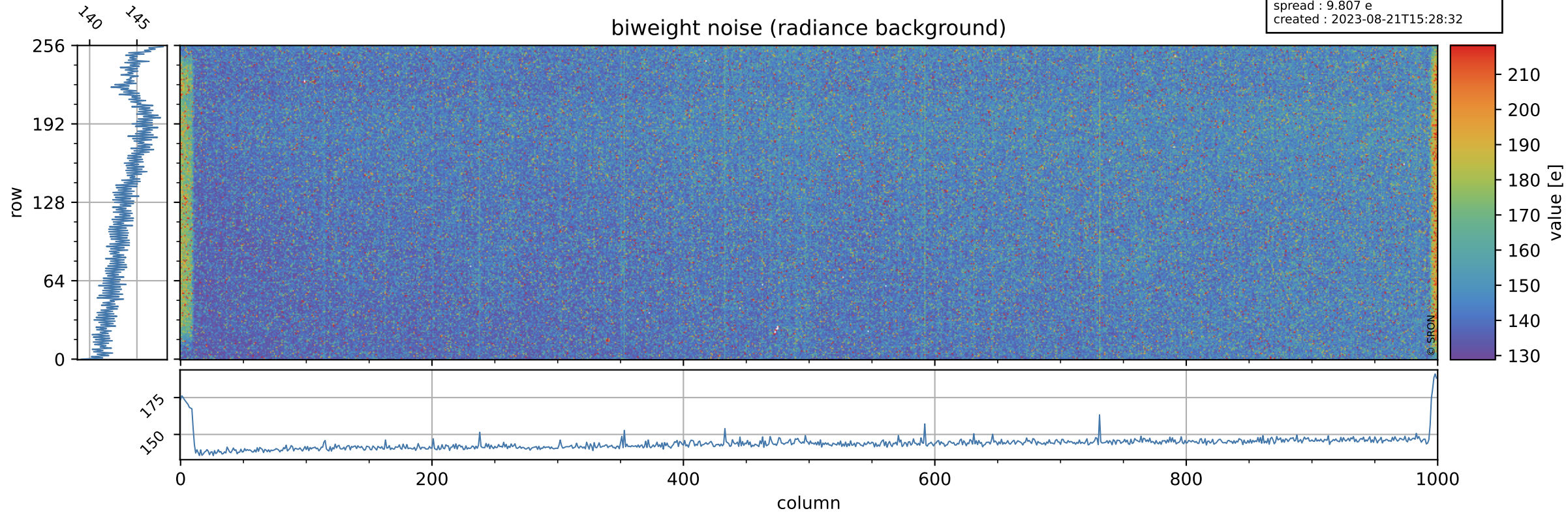
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.71 e  
spread : 9.807 e  
created : 2023-08-21T15:28:32

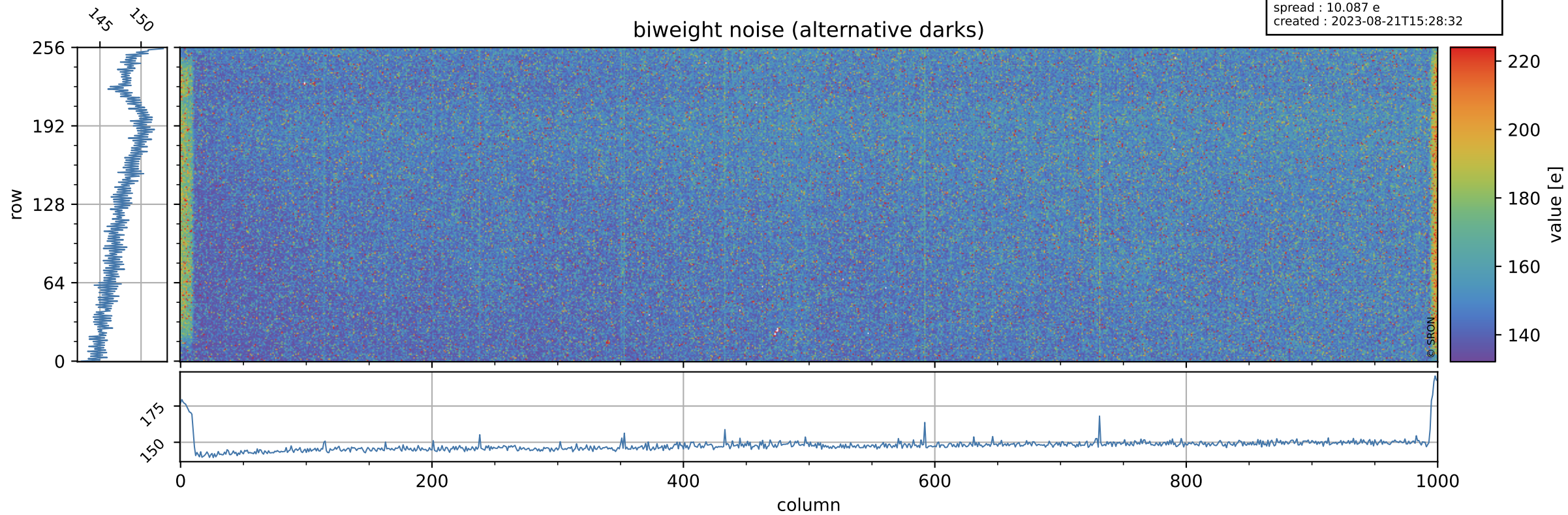
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 10.087 e  
created : 2023-08-21T15:28:32

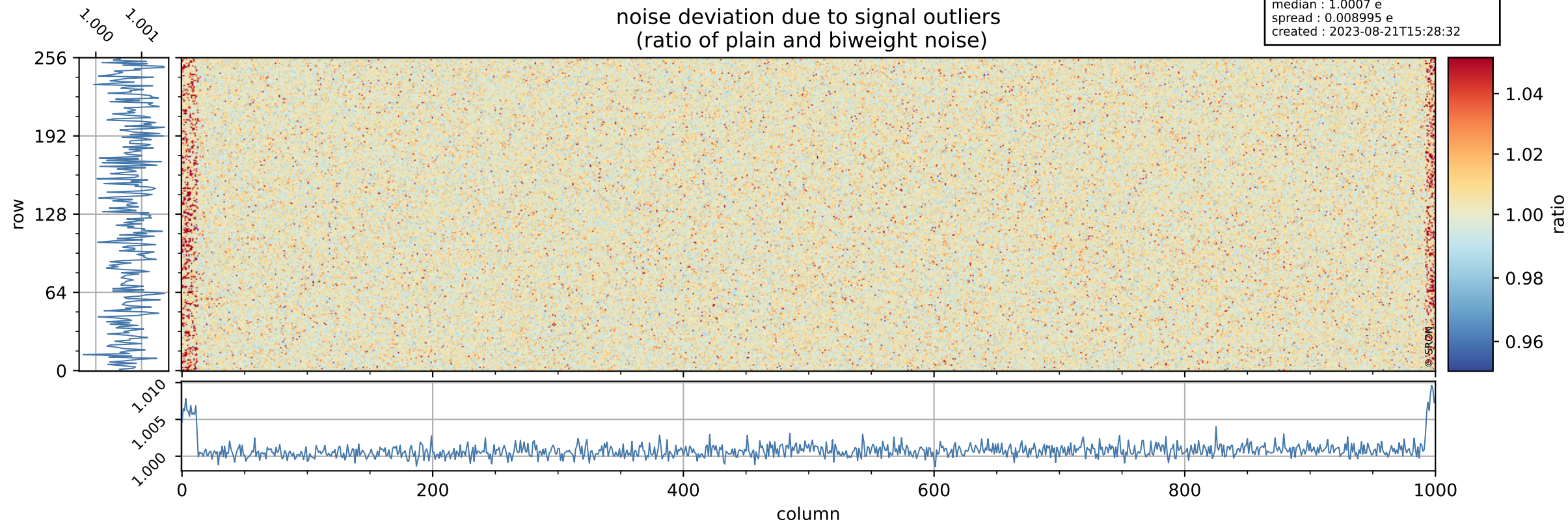
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

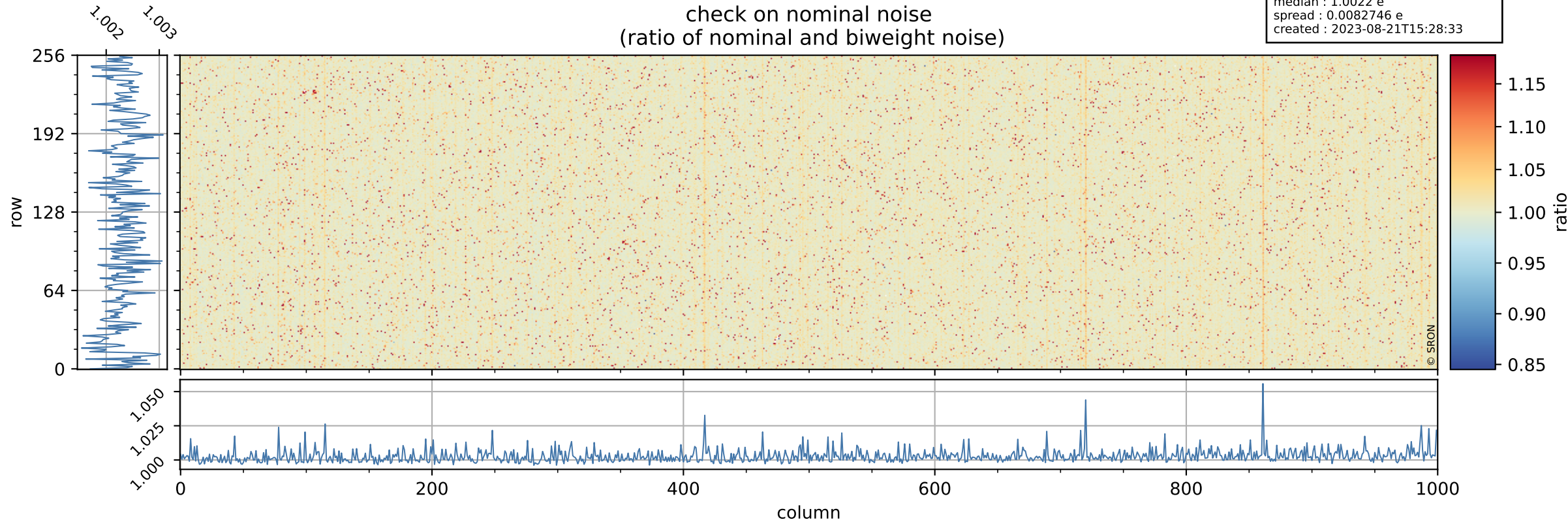
orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
median : 1.0007 e  
spread : 0.008995 e  
created : 2023-08-21T15:28:32



# Tropomi SWIR background noise (swir)

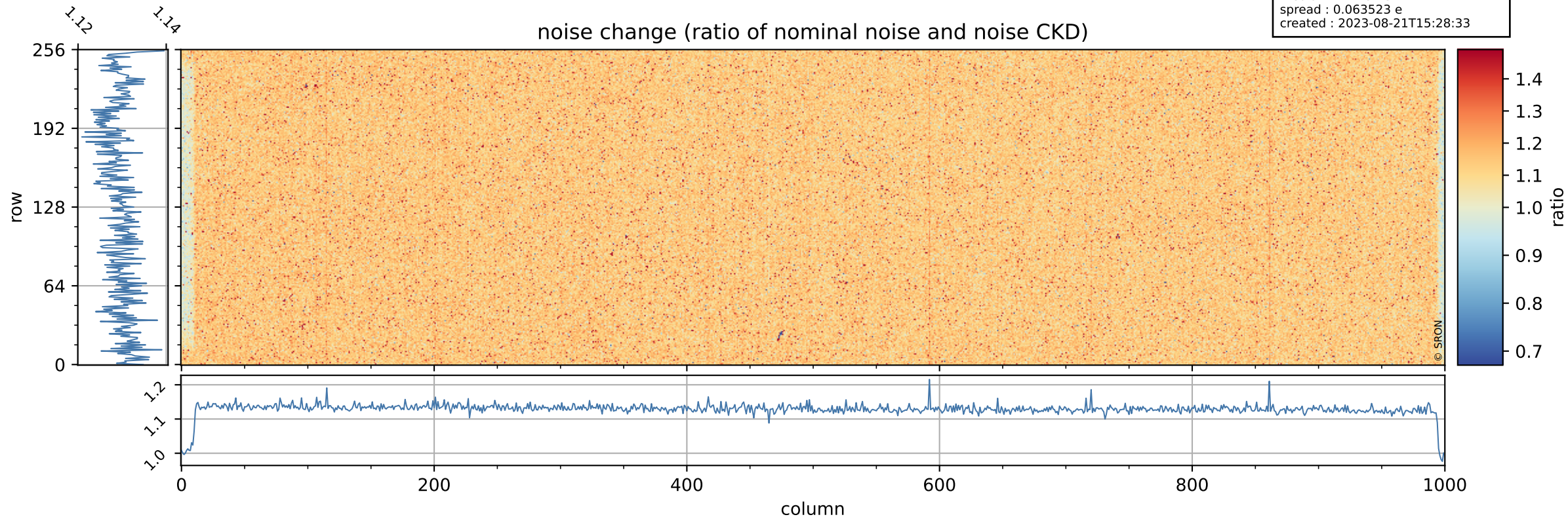
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
median : 1.0022 e  
spread : 0.0082746 e  
created : 2023-08-21T15:28:33



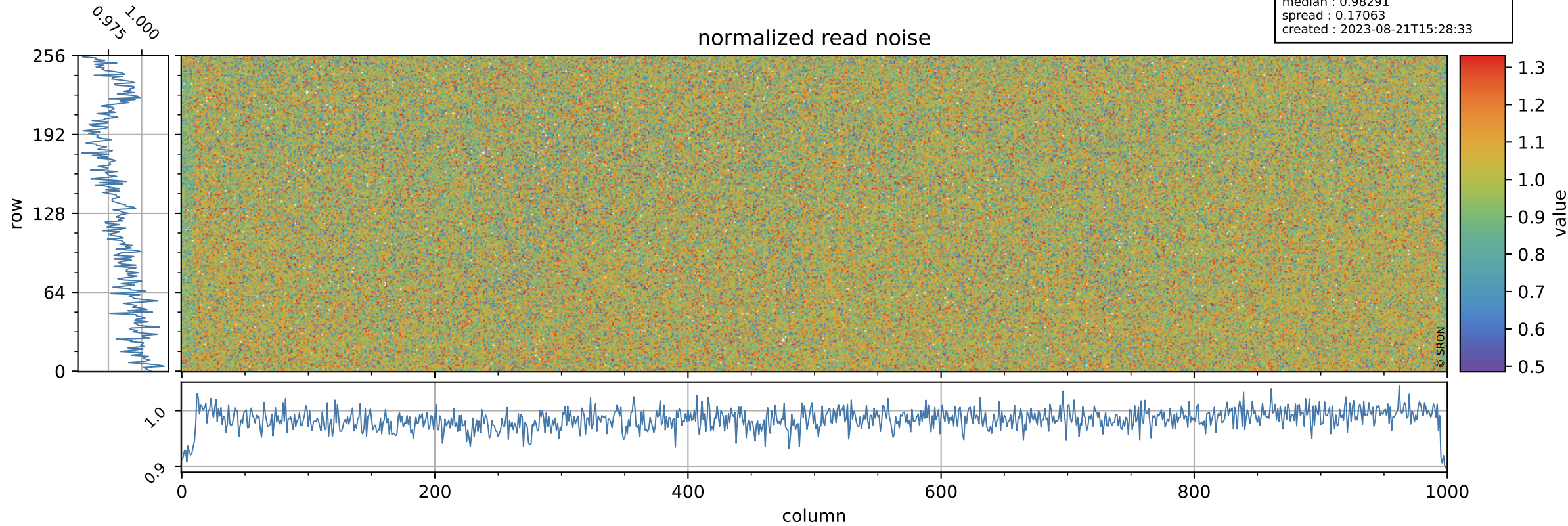
# Tropomi SWIR background noise (swir)

orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
median : 1.1287 e  
spread : 0.063523 e  
created : 2023-08-21T15:28:33



# Tropomi SWIR background noise (swir)

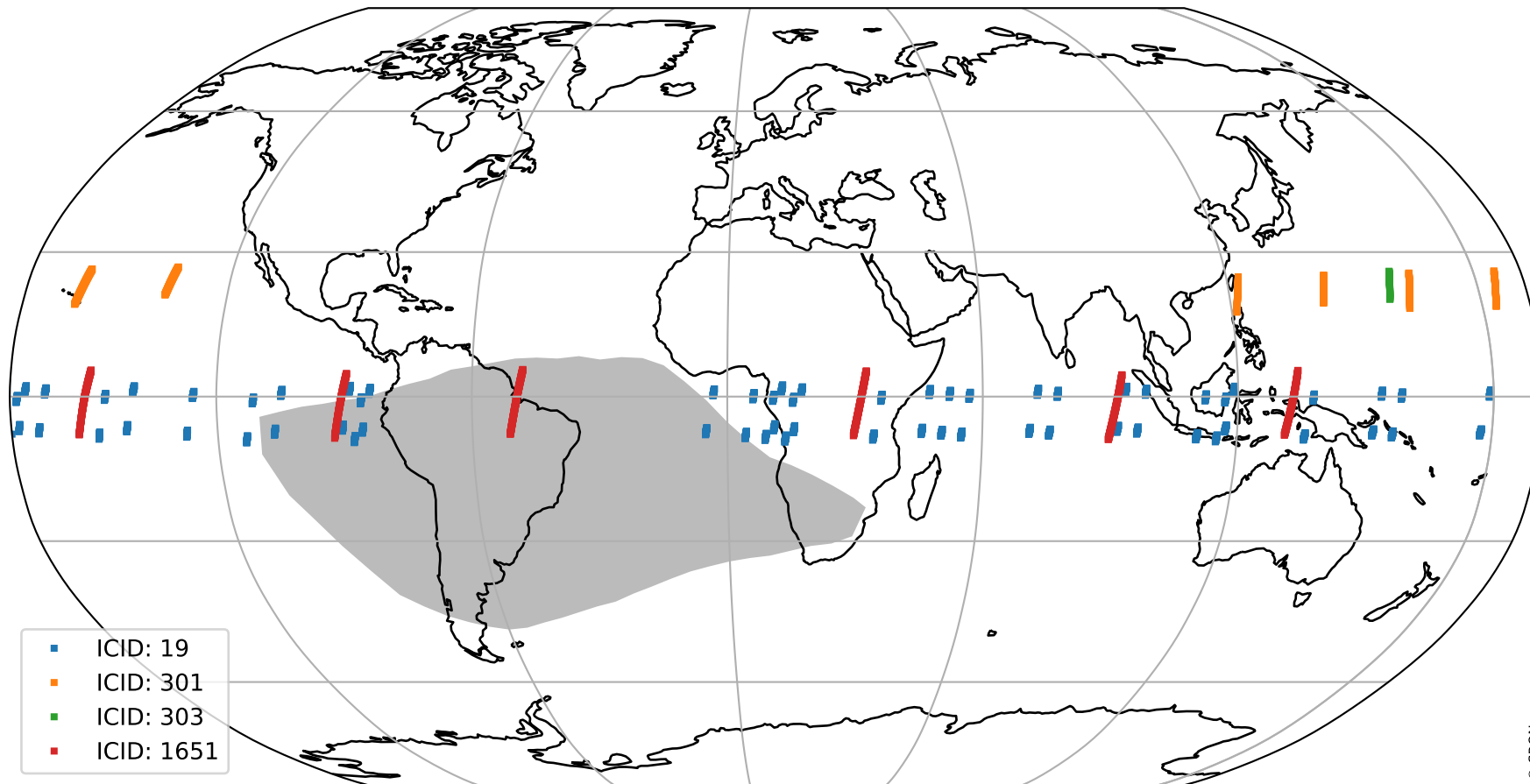
orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
median : 0.98291  
spread : 0.17063  
created : 2023-08-21T15:28:33





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

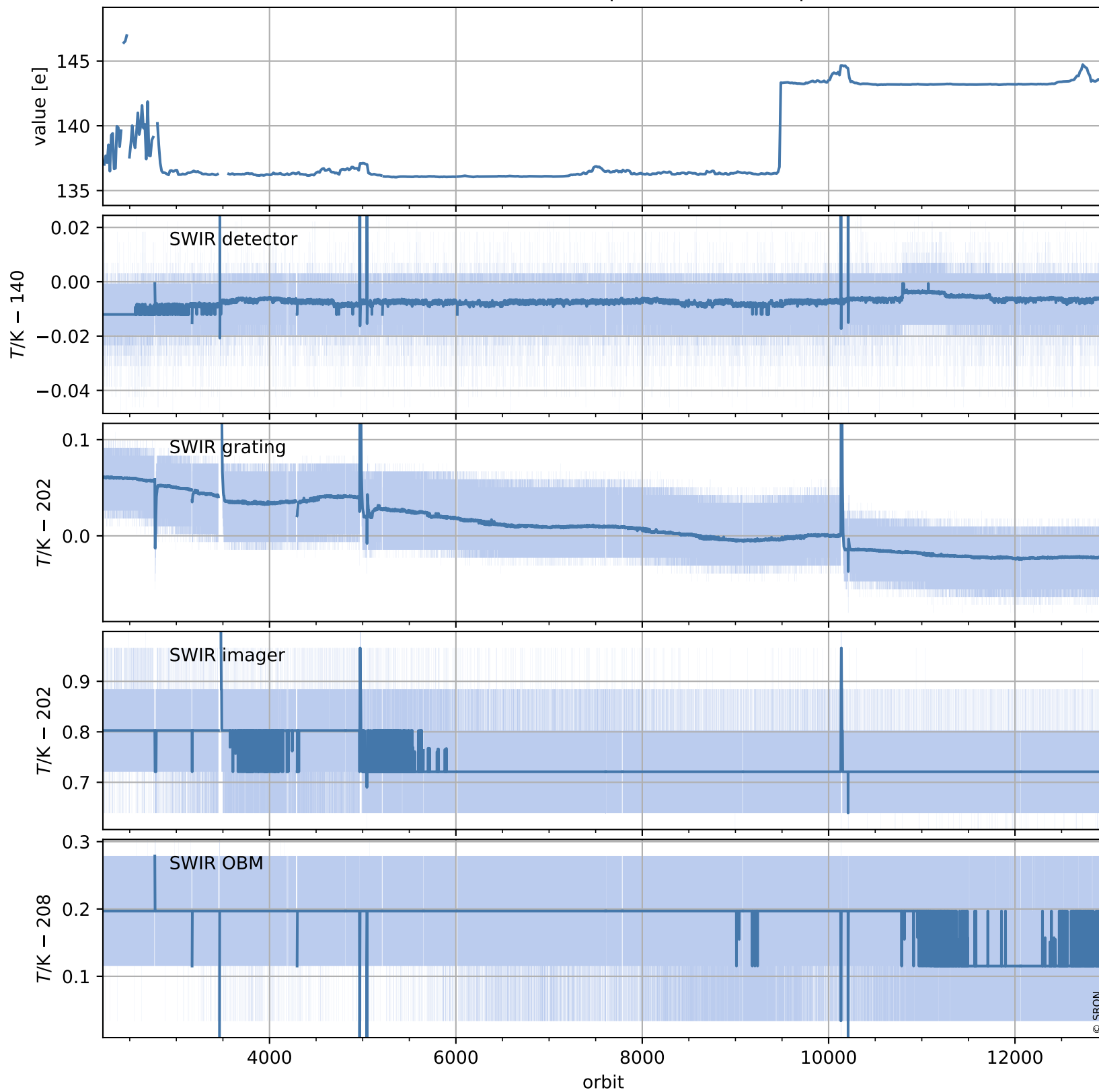
orbits : 13 in [12862, 12952]  
coverage : 2020-04-07 / 2020-04-12  
created : 2023-08-21T15:28:33



# Tropomi SWIR background noise (swir)

orbits : [2212, 12952]  
coverage : 2018-03-18 / 2020-04-12  
created : 2023-08-21T15:28:34

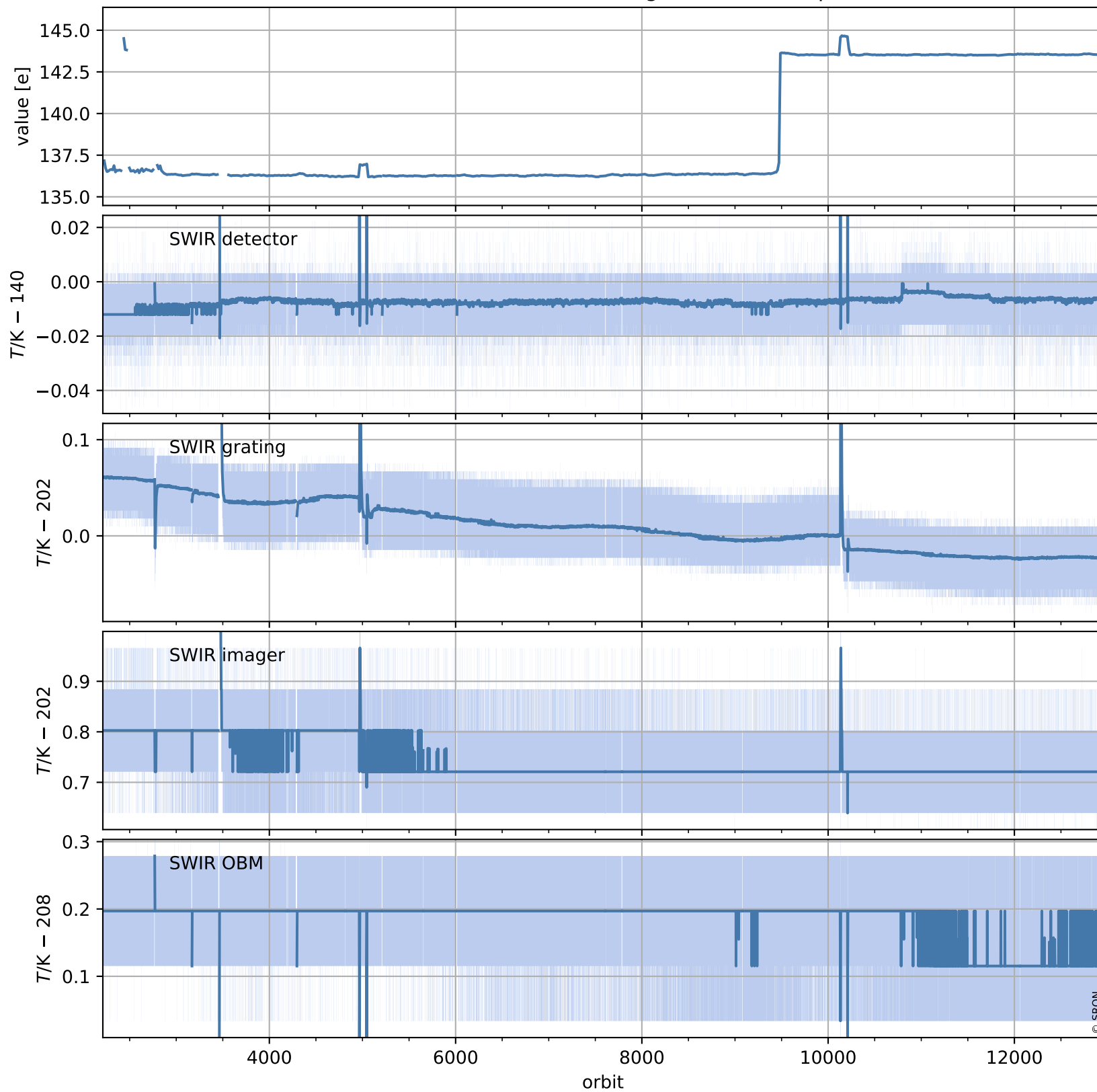
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 12952]  
coverage : 2018-03-18 / 2020-04-12  
created : 2023-08-21T15:28:34

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 12952]  
coverage : 2018-03-18 / 2020-04-12  
created : 2023-08-21T15:28:35

## trend of normalized read-noise & temperatures

