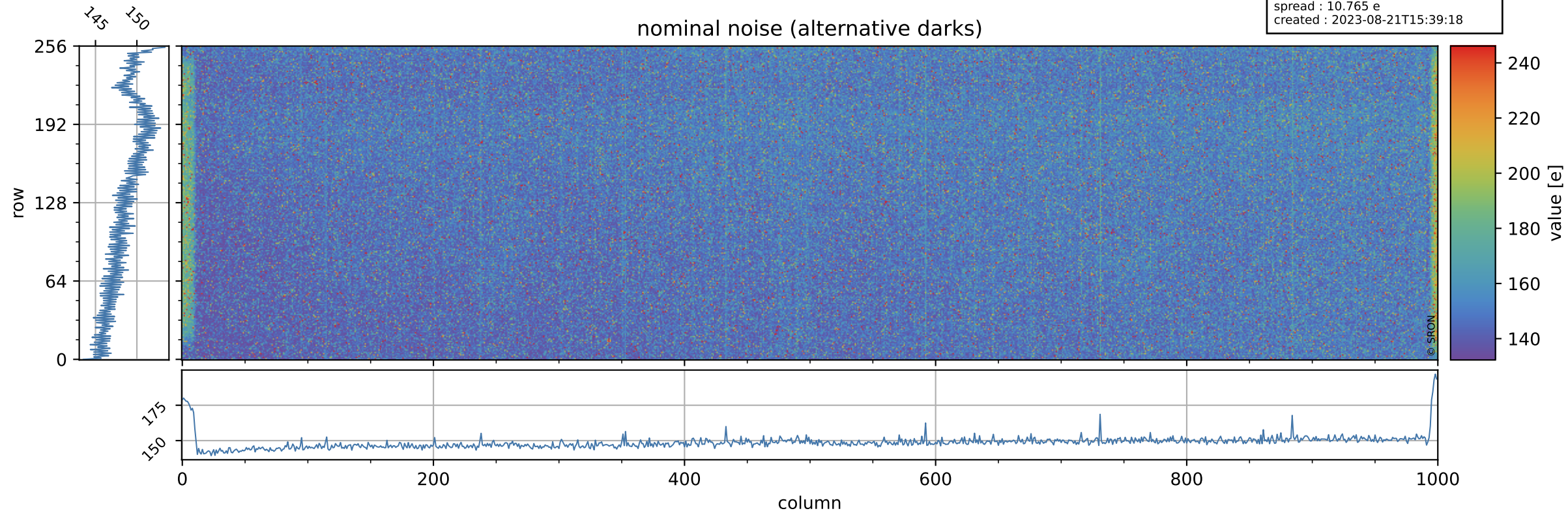


# Tropomi SWIR background noise (swir)

orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.54 e  
spread : 10.765 e  
created : 2023-08-21T15:39:18

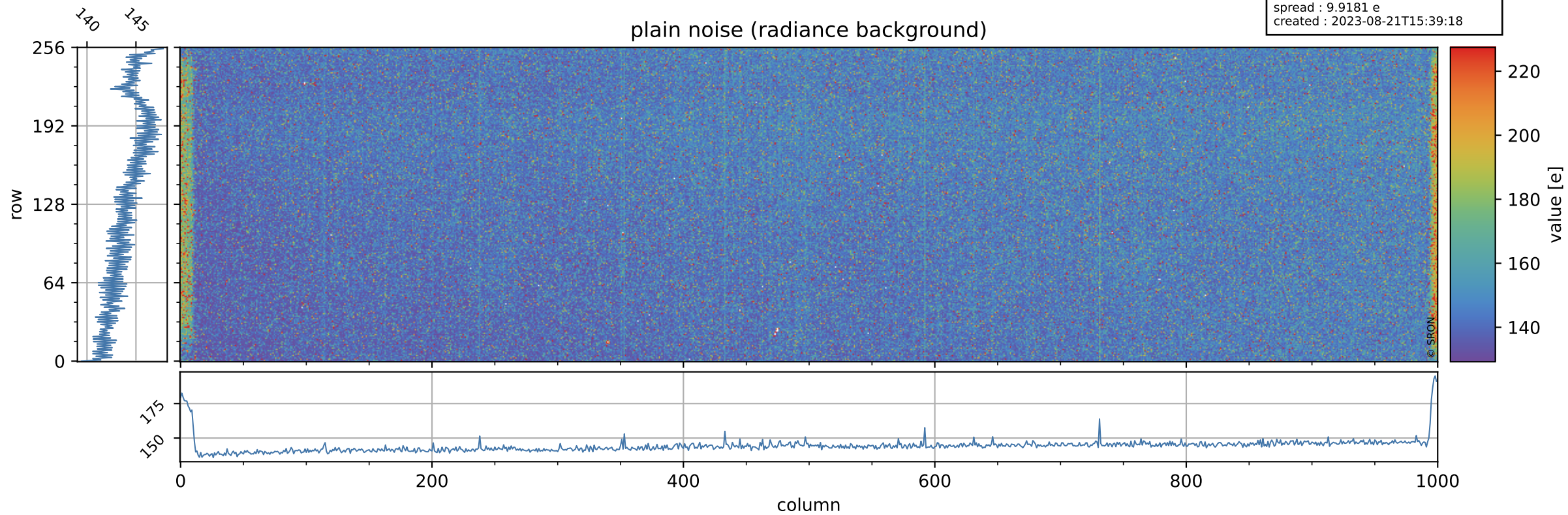
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
n\_coad, t\_exp : 1, 0.8383  
median : 144 e  
spread : 9.9181 e  
created : 2023-08-21T15:39:18

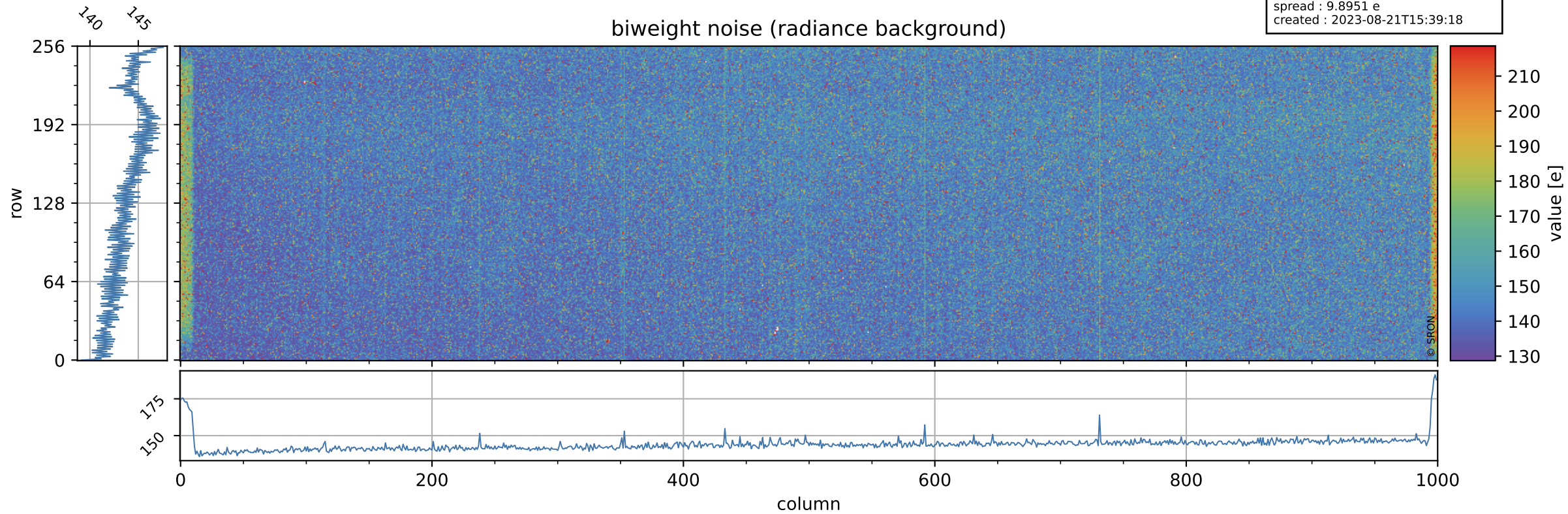
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.74 e  
spread : 9.8951 e  
created : 2023-08-21T15:39:18

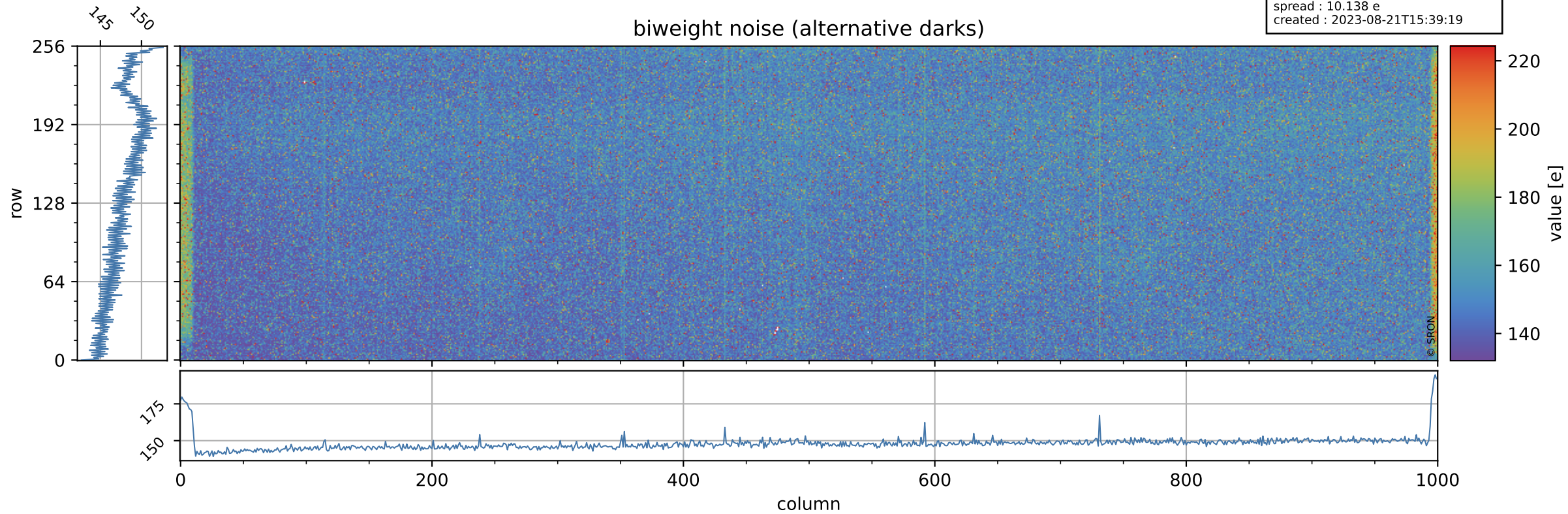
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.69 e  
spread : 10.138 e  
created : 2023-08-21T15:39:19

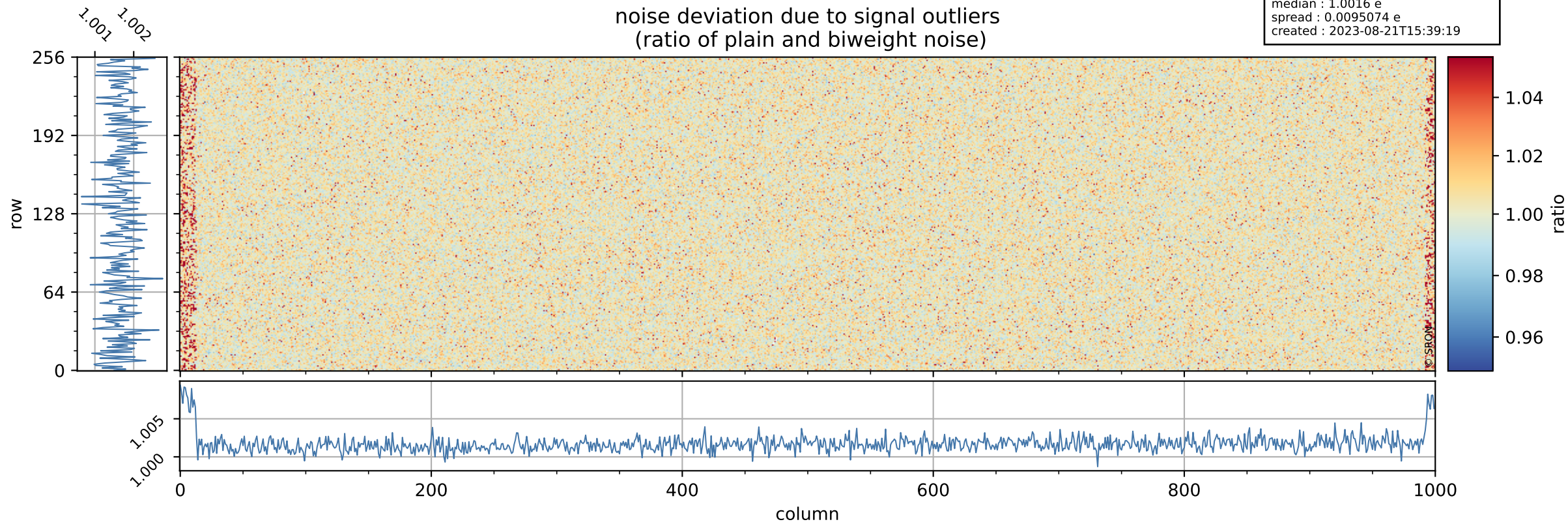
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

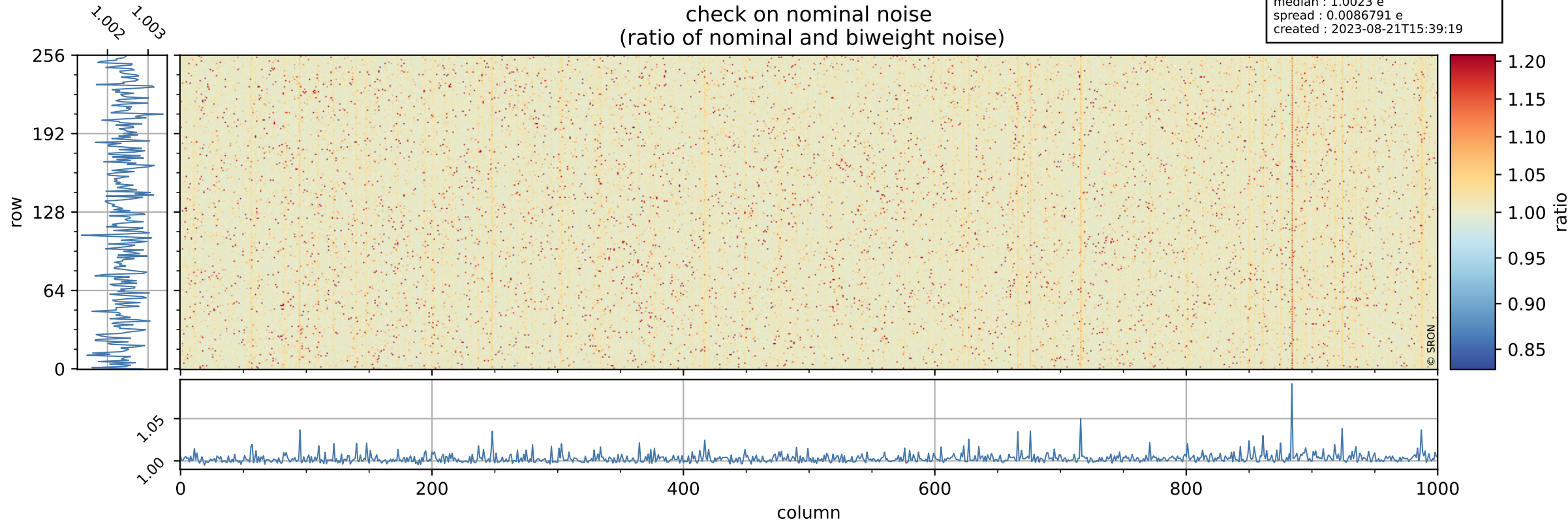
orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
median : 1.0016 e  
spread : 0.0095074 e  
created : 2023-08-21T15:39:19



# Tropomi SWIR background noise (swir)

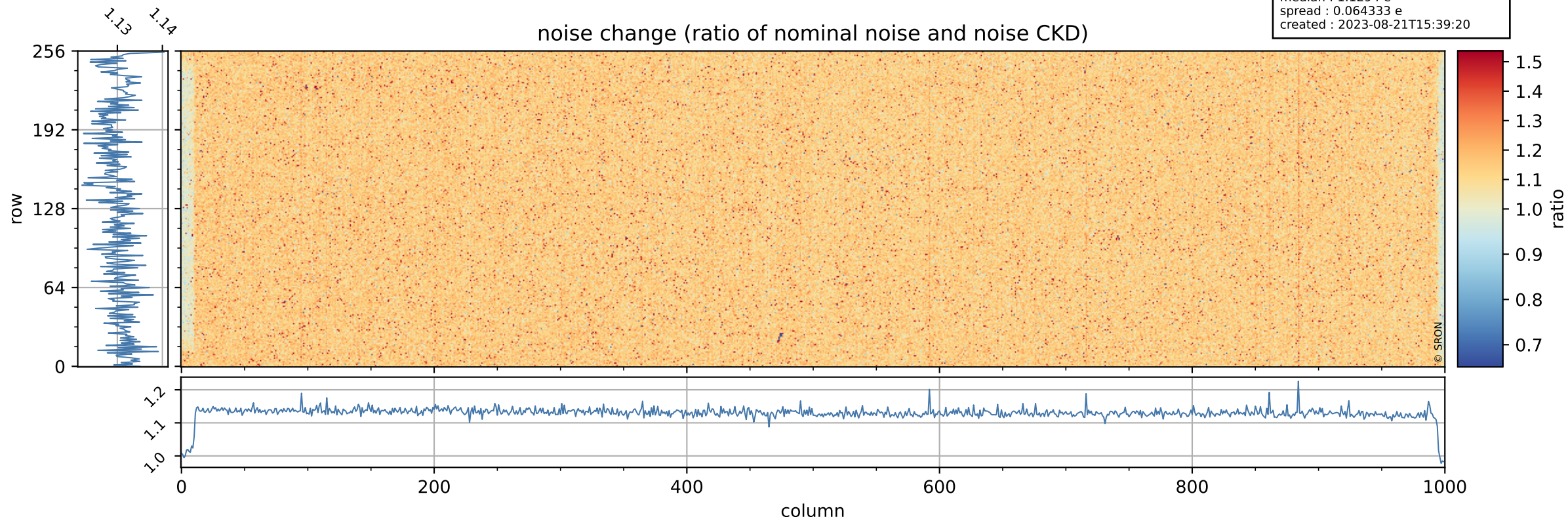
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
median : 1.0023 e  
spread : 0.0086791 e  
created : 2023-08-21T15:39:19



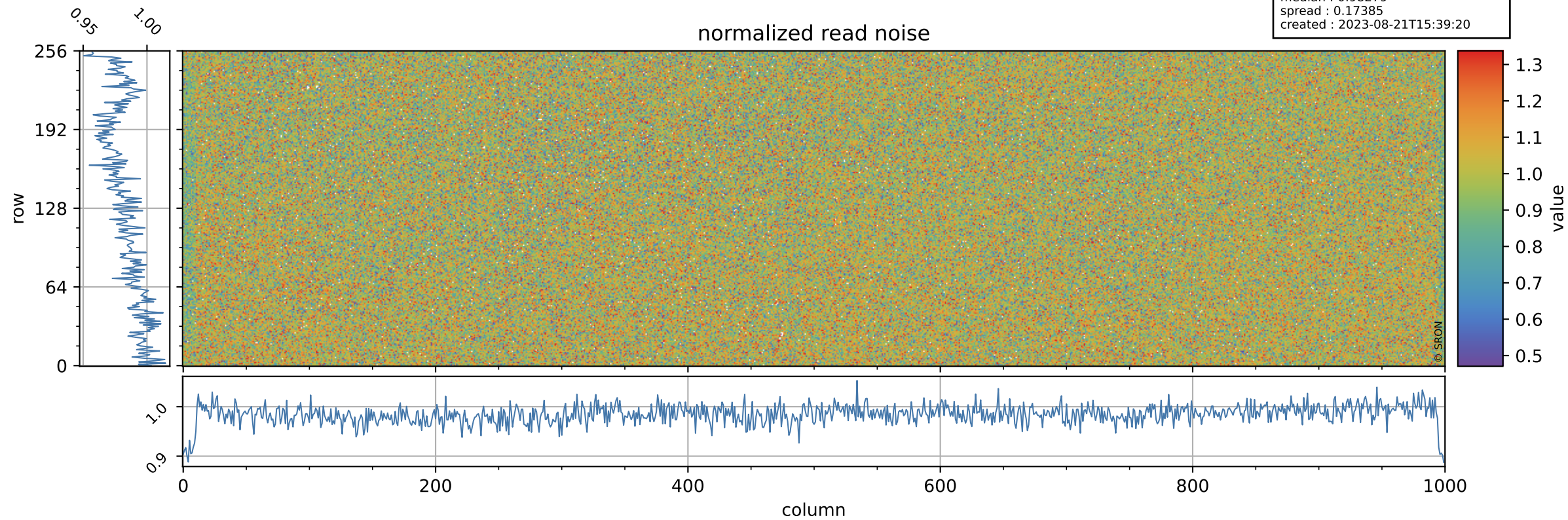
# Tropomi SWIR background noise (swir)

orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
median : 1.1294 e  
spread : 0.064333 e  
created : 2023-08-21T15:39:20



# Tropomi SWIR background noise (swir)

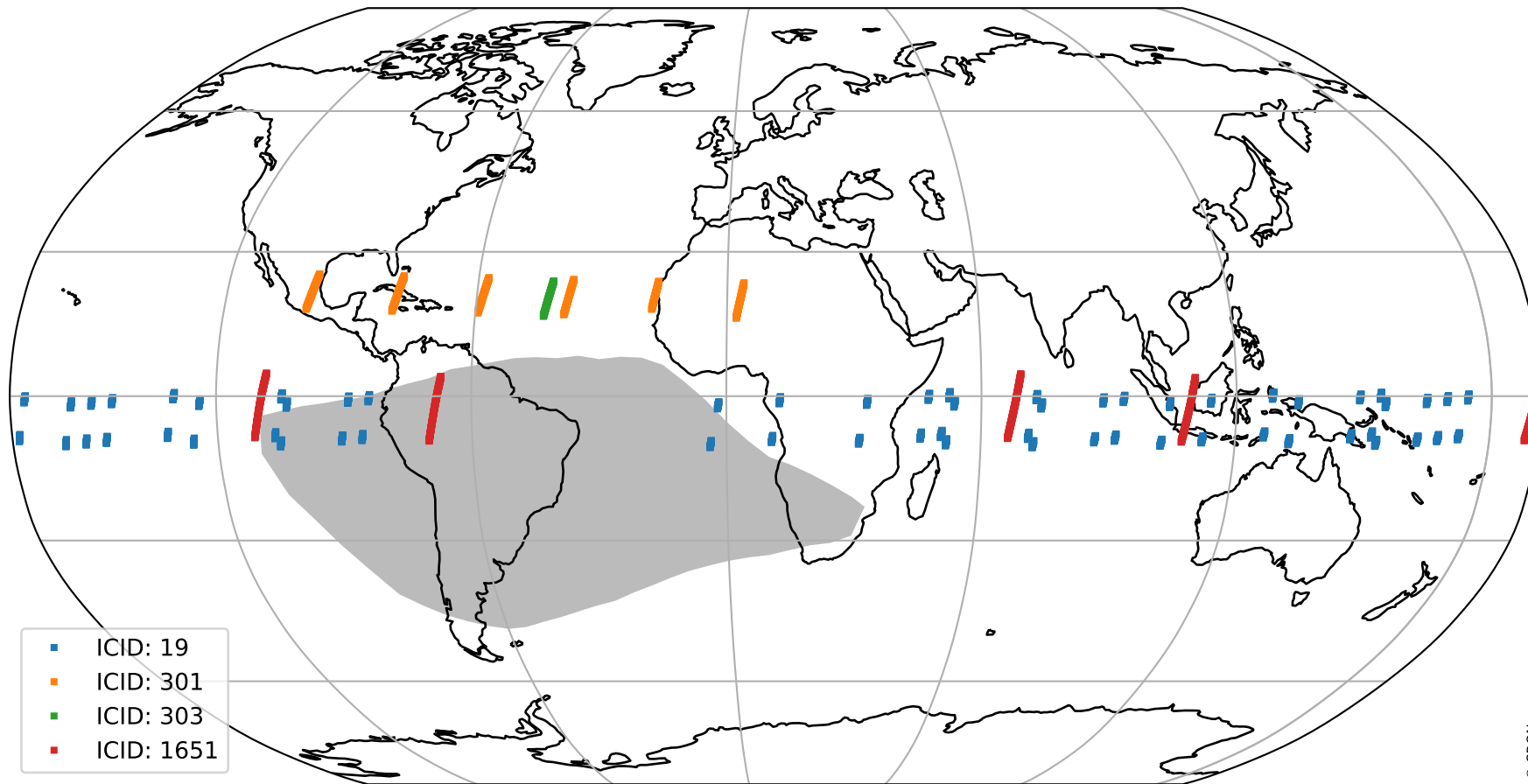
orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
median : 0.98279  
spread : 0.17385  
created : 2023-08-21T15:39:20





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

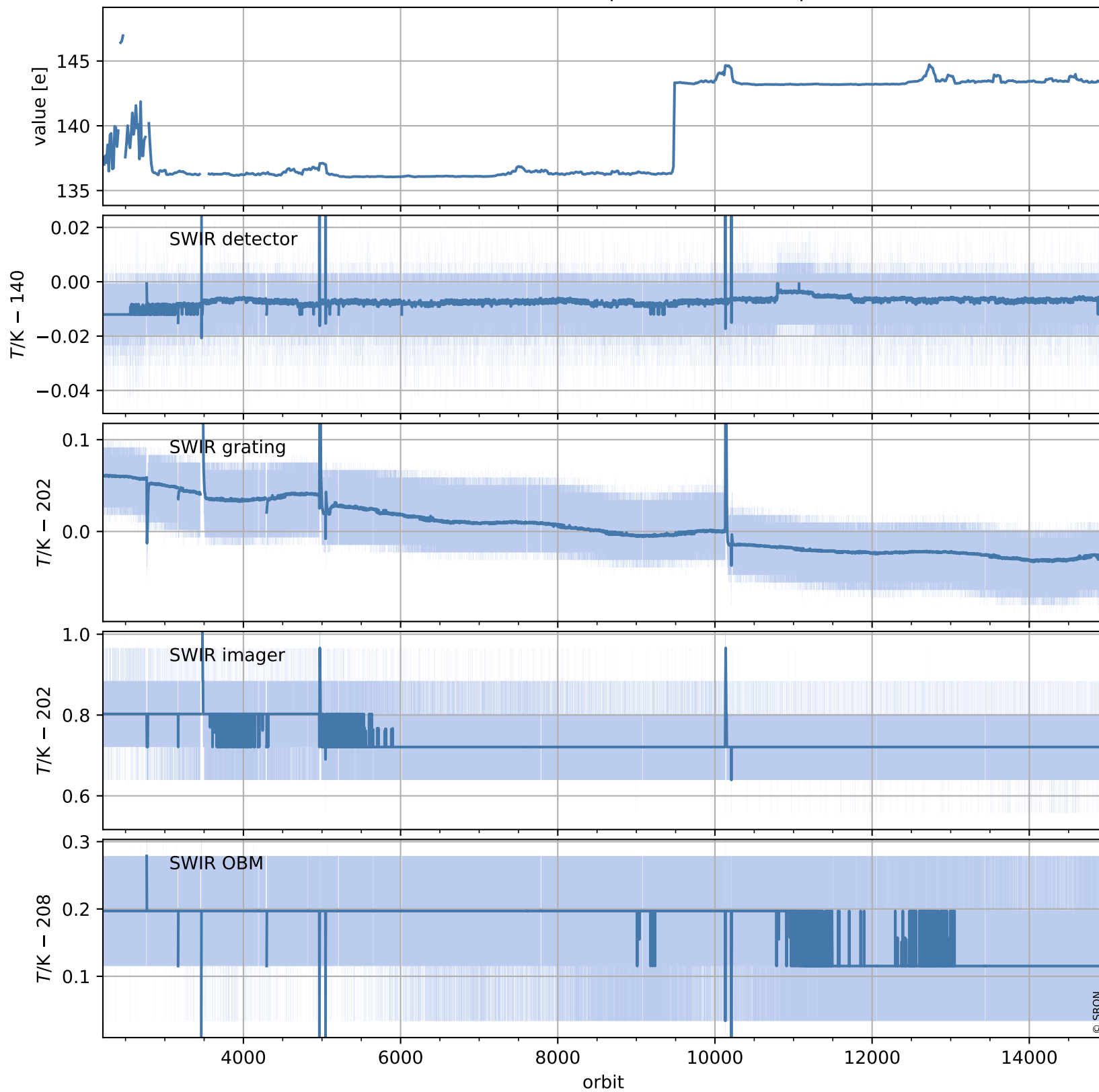
orbits : 12 in [14872, 14947]  
coverage : 2020-08-25 / 2020-08-31  
created : 2023-08-21T15:39:20



# Tropomi SWIR background noise (swir)

orbits : [2212, 14947]  
coverage : 2018-03-18 / 2020-08-31  
created : 2023-08-21T15:39:21

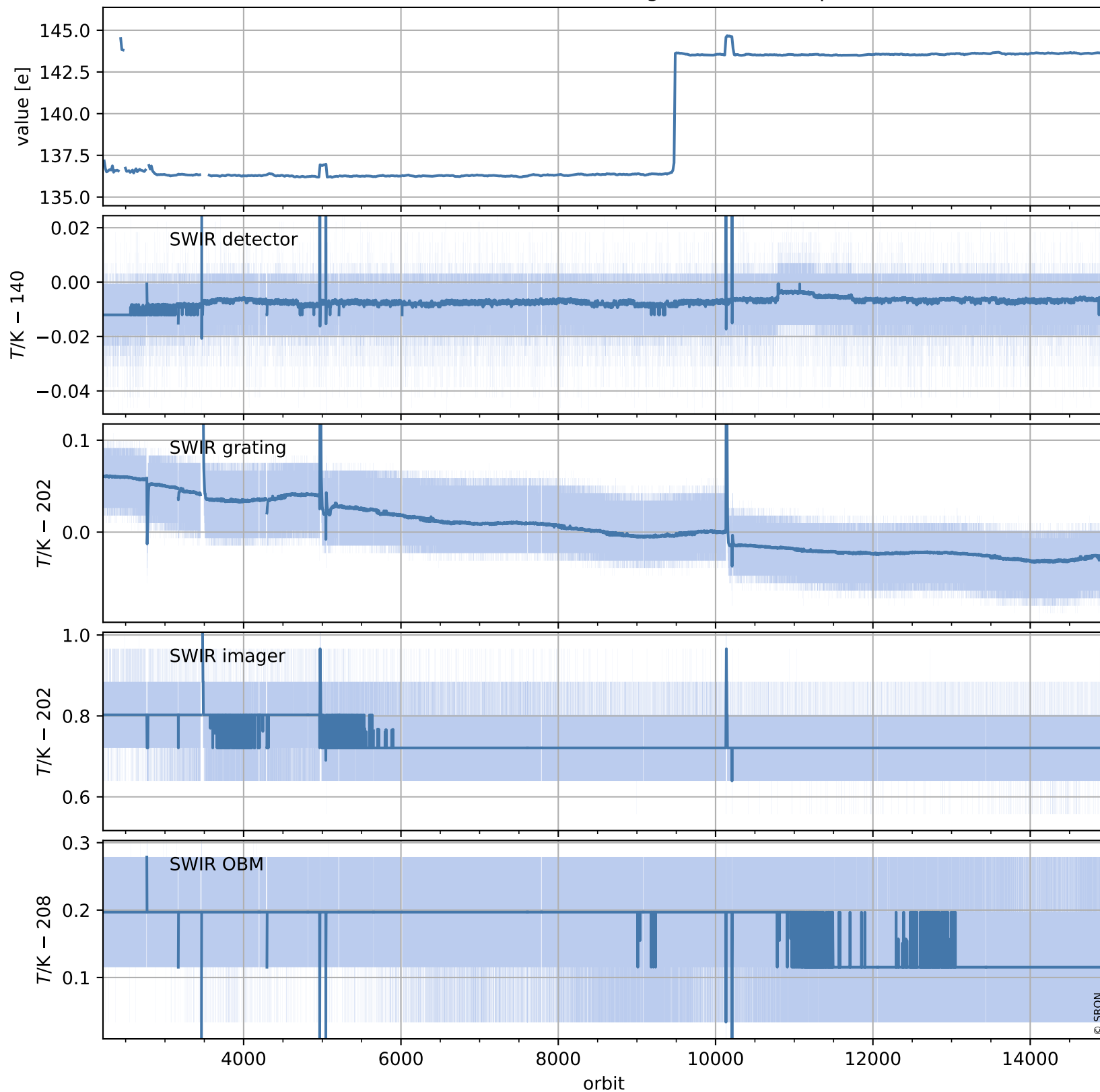
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14947]  
coverage : 2018-03-18 / 2020-08-31  
created : 2023-08-21T15:39:21

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14947]  
coverage : 2018-03-18 / 2020-08-31  
created : 2023-08-21T15:39:22

## trend of normalized read-noise & temperatures

