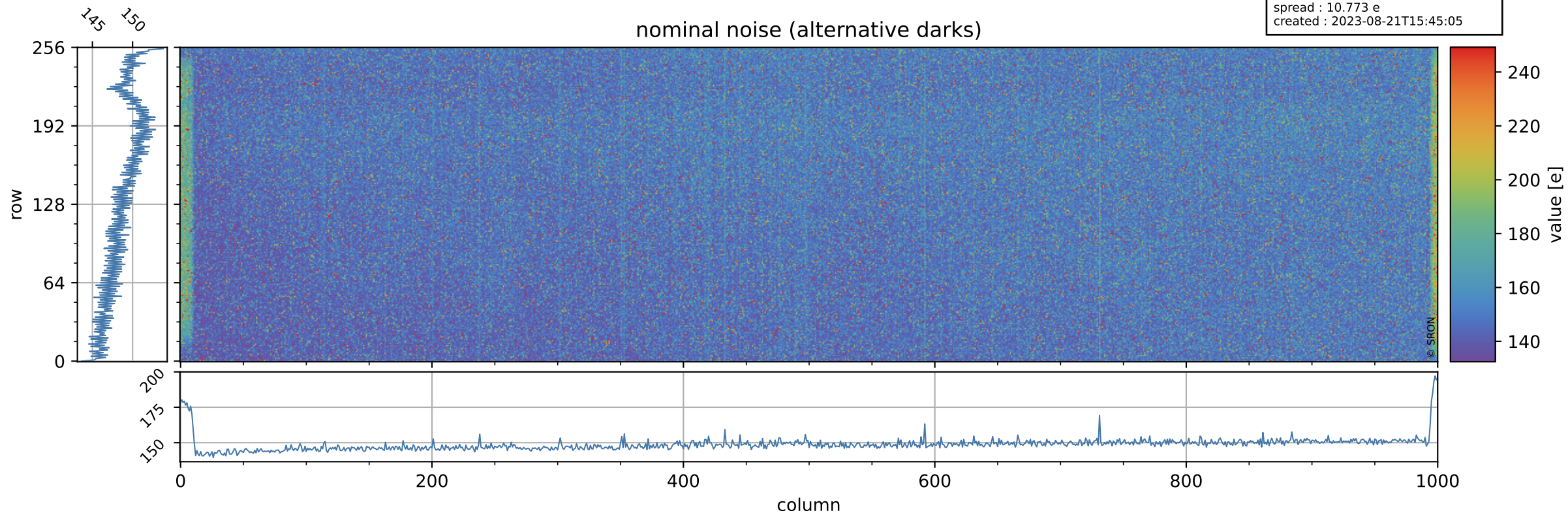


# Tropomi SWIR background noise (swir)

orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.62 e  
spread : 10.773 e  
created : 2023-08-21T15:45:05

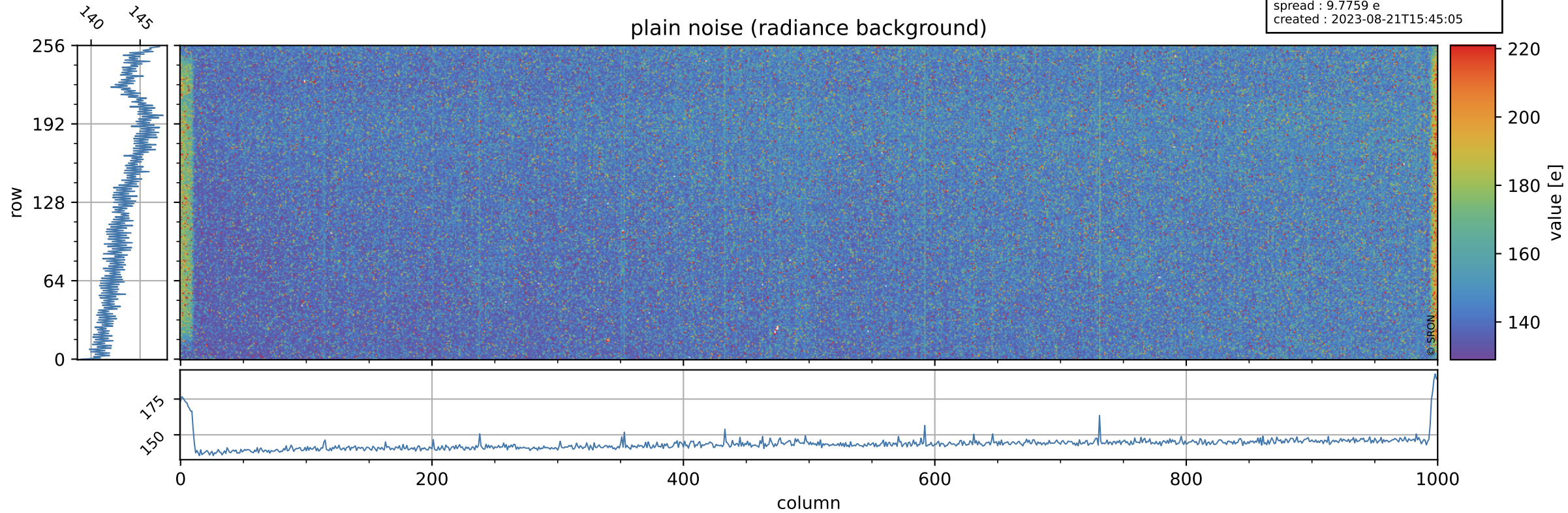
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.42 e  
spread : 9.7759 e  
created : 2023-08-21T15:45:05

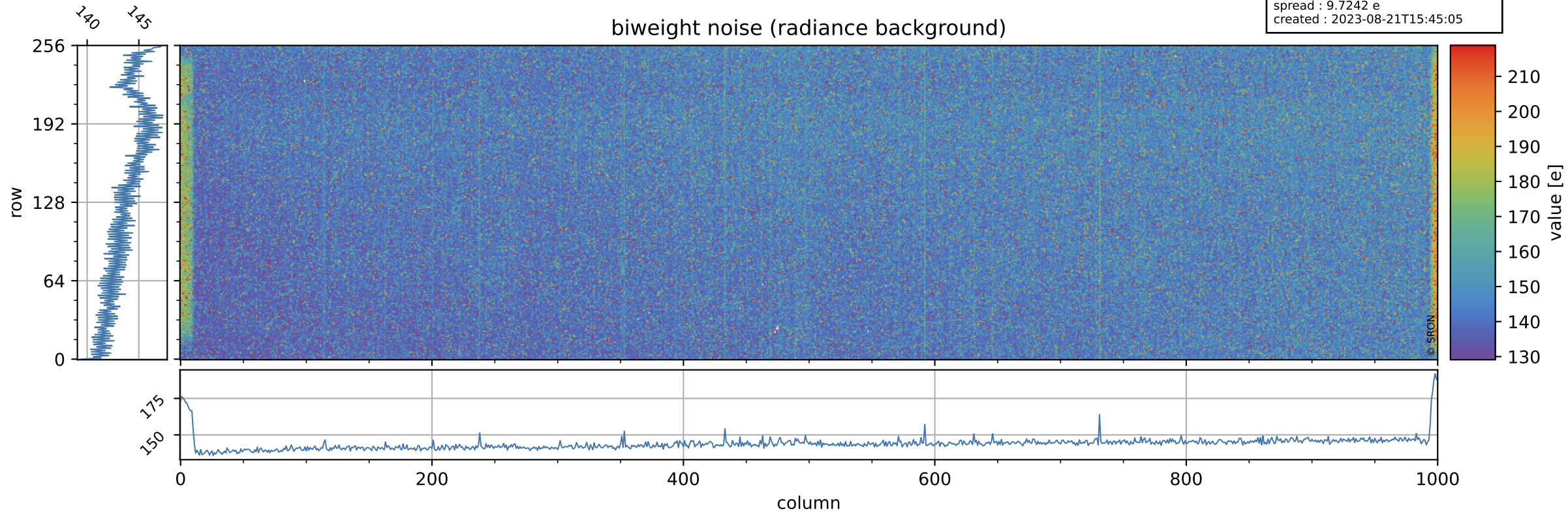
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.73 e  
spread : 9.7242 e  
created : 2023-08-21T15:45:05

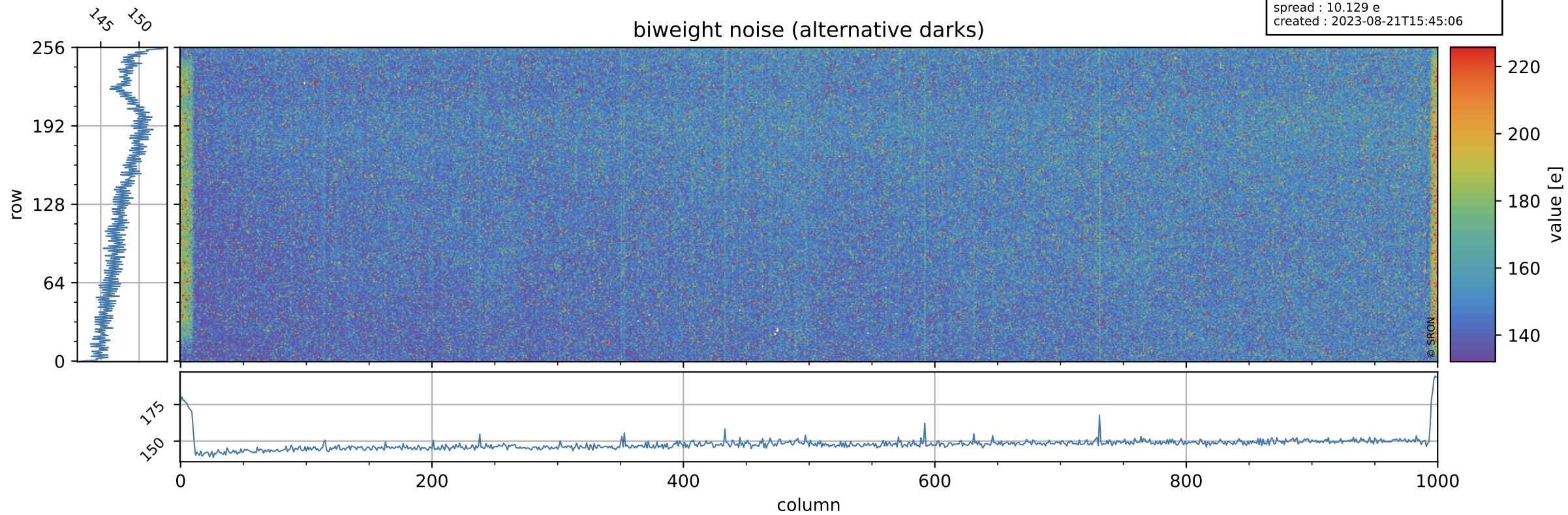
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.71 e  
spread : 10.129 e  
created : 2023-08-21T15:45:06

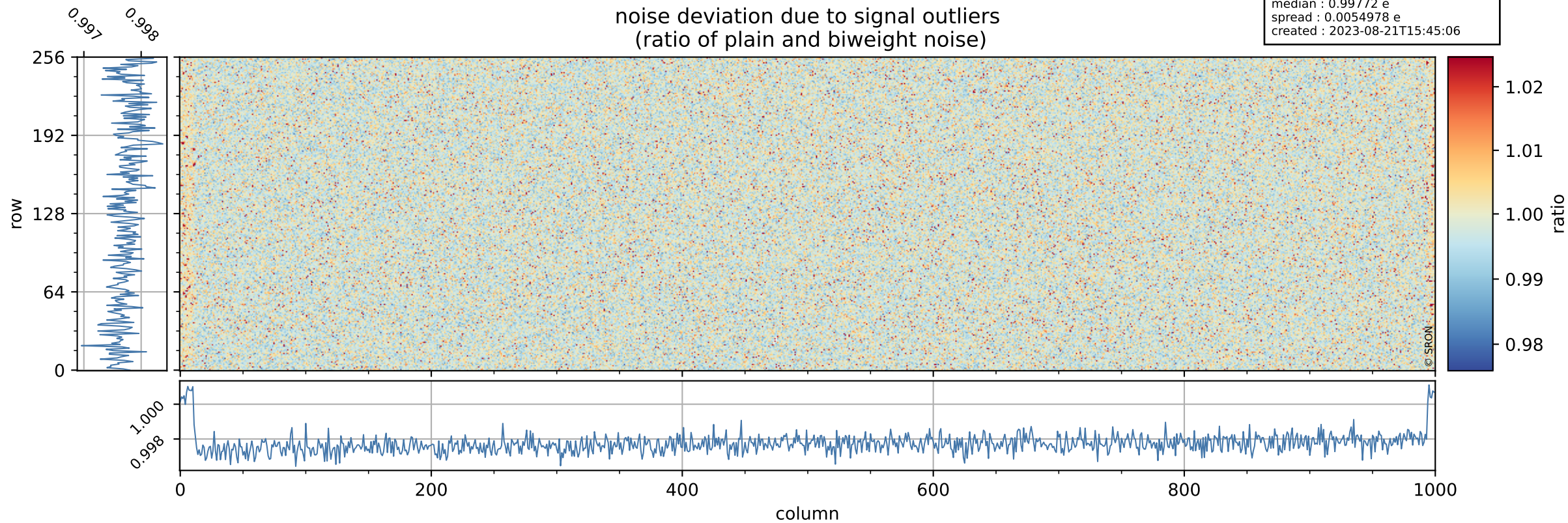
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

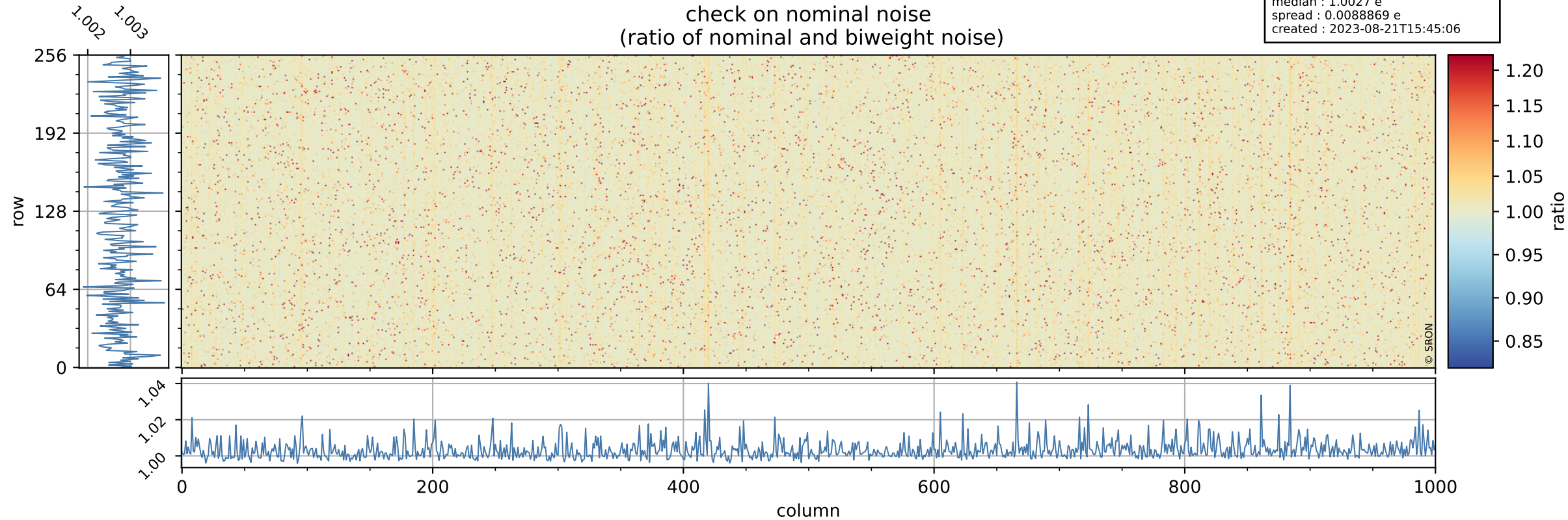
orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
median : 0.99772 e  
spread : 0.0054978 e  
created : 2023-08-21T15:45:06



# Tropomi SWIR background noise (swir)

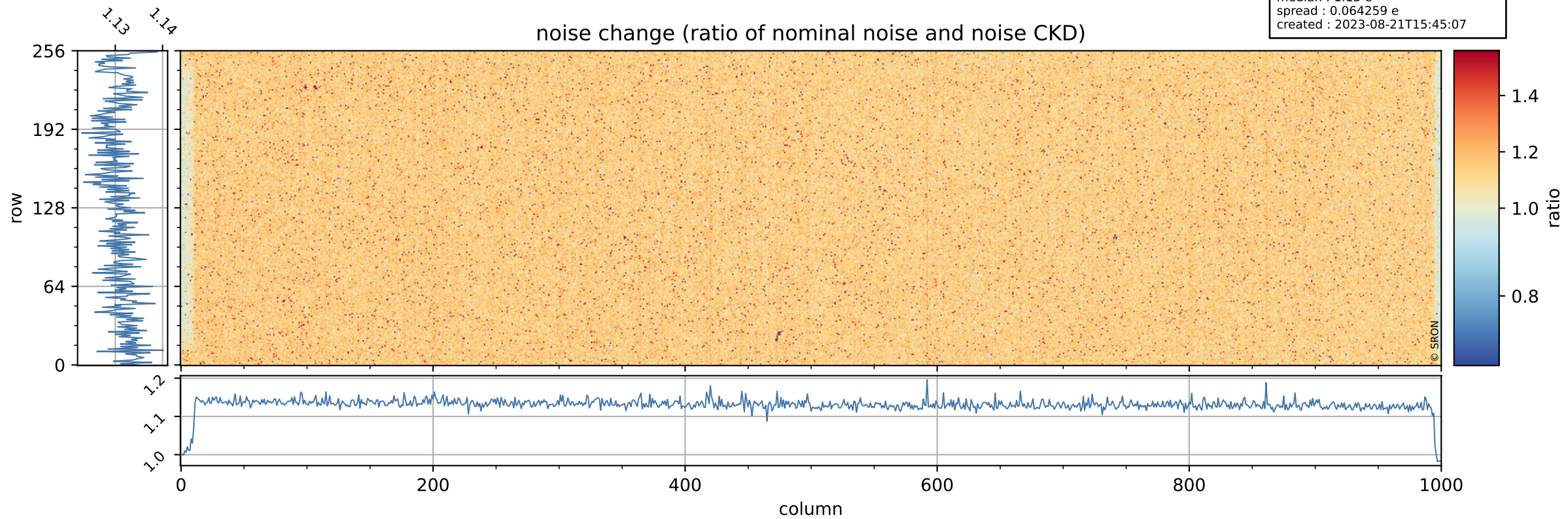
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
median : 1.0027 e  
spread : 0.0088869 e  
created : 2023-08-21T15:45:06



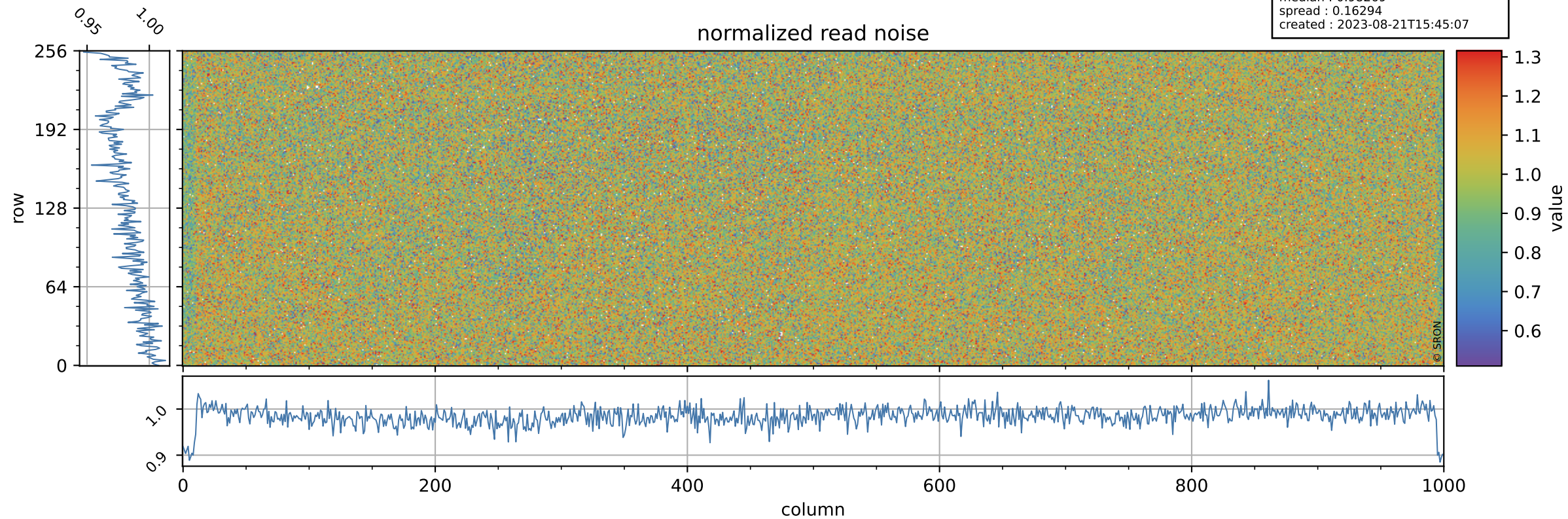
# Tropomi SWIR background noise (swir)

orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
median : 1.13 e  
spread : 0.064259 e  
created : 2023-08-21T15:45:07



# Tropomi SWIR background noise (swir)

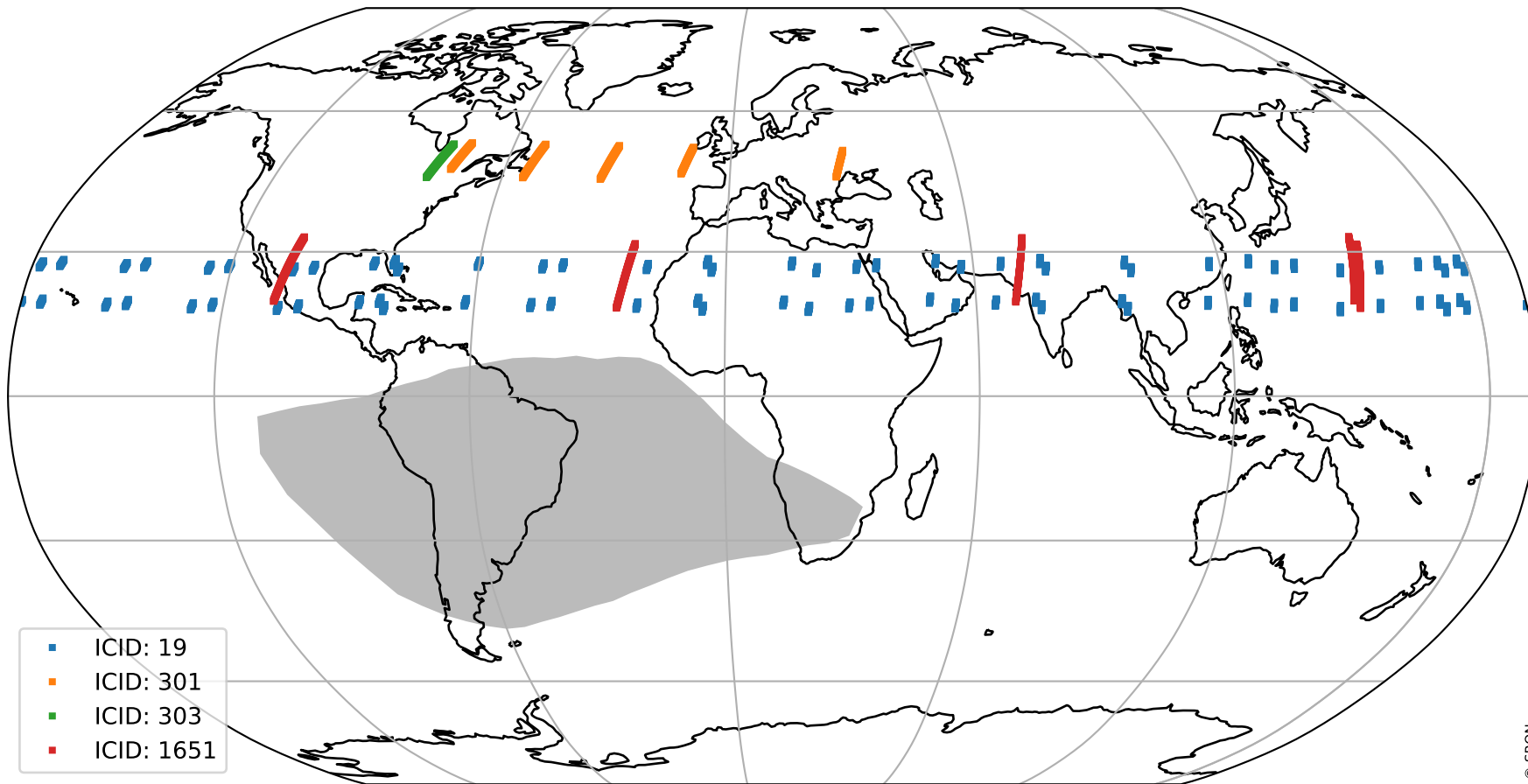
orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
median : 0.98269  
spread : 0.16294  
created : 2023-08-21T15:45:07





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

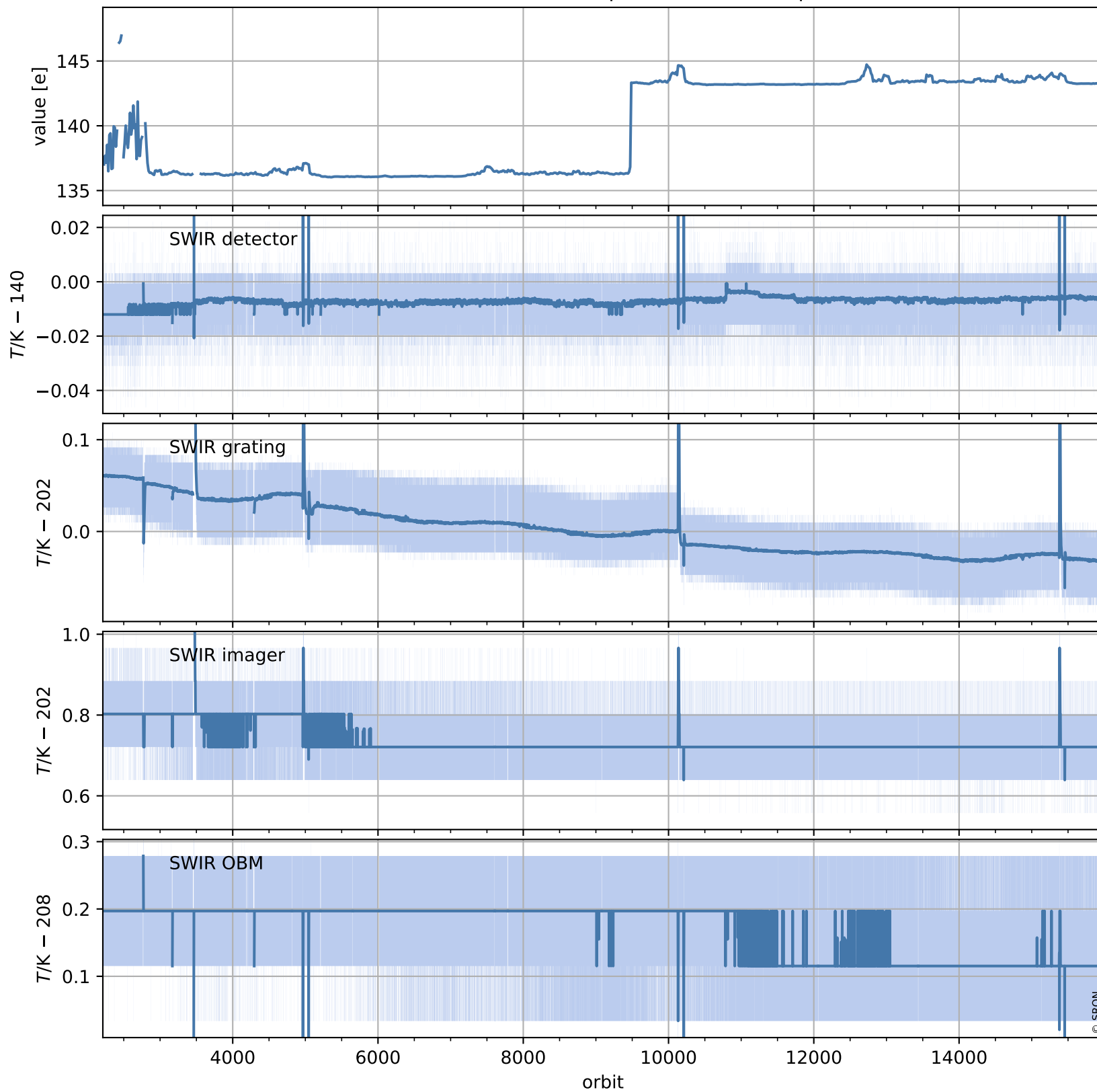
orbits : 11 in [15892, 15982]  
coverage : 2020-11-06 / 2020-11-12  
created : 2023-08-21T15:45:07



# Tropomi SWIR background noise (swir)

orbits : [2212, 15982]  
coverage : 2018-03-18 / 2020-11-12  
created : 2023-08-21T15:45:07

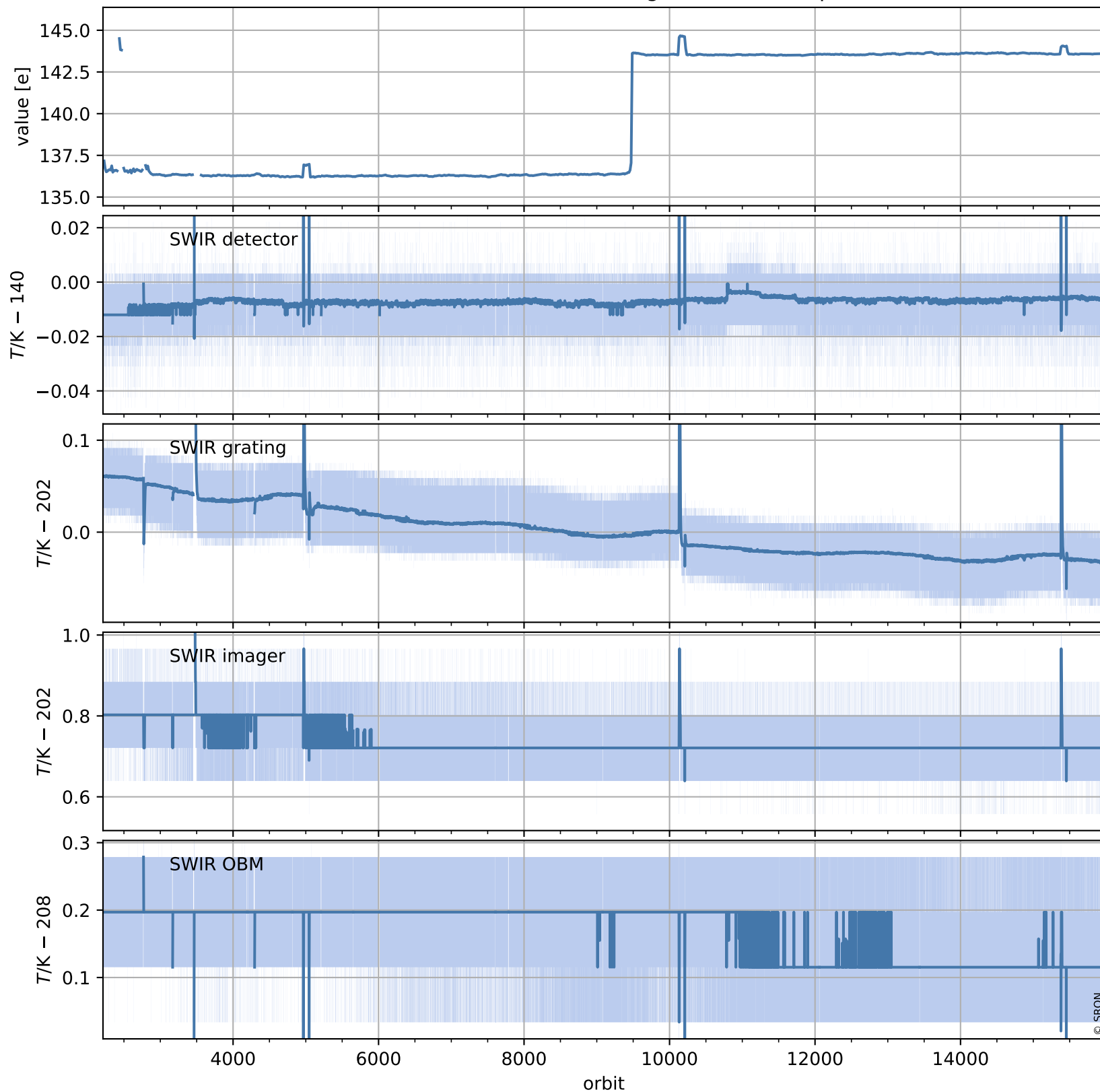
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15982]  
coverage : 2018-03-18 / 2020-11-12  
created : 2023-08-21T15:45:08

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15982]  
coverage : 2018-03-18 / 2020-11-12  
created : 2023-08-21T15:45:09

## trend of normalized read-noise & temperatures

