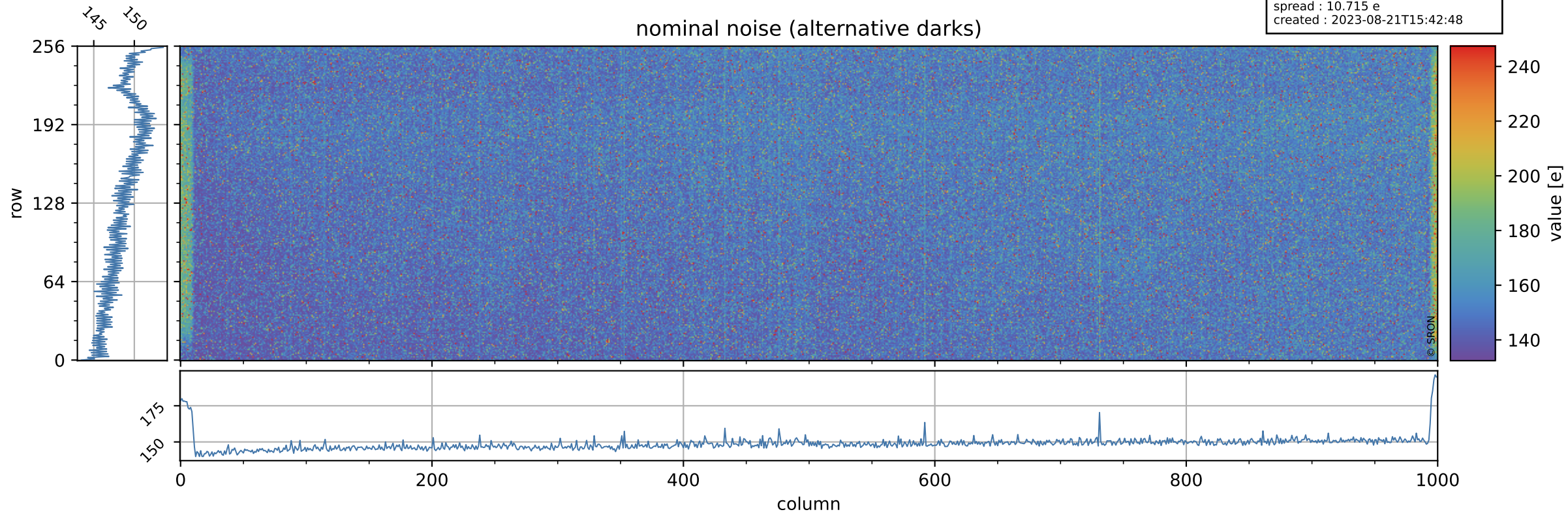


# Tropomi SWIR background noise (swir)

orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
n\_coad, t\_exp : 1, 1.0783  
median : 148.54 e  
spread : 10.715 e  
created : 2023-08-21T15:42:48

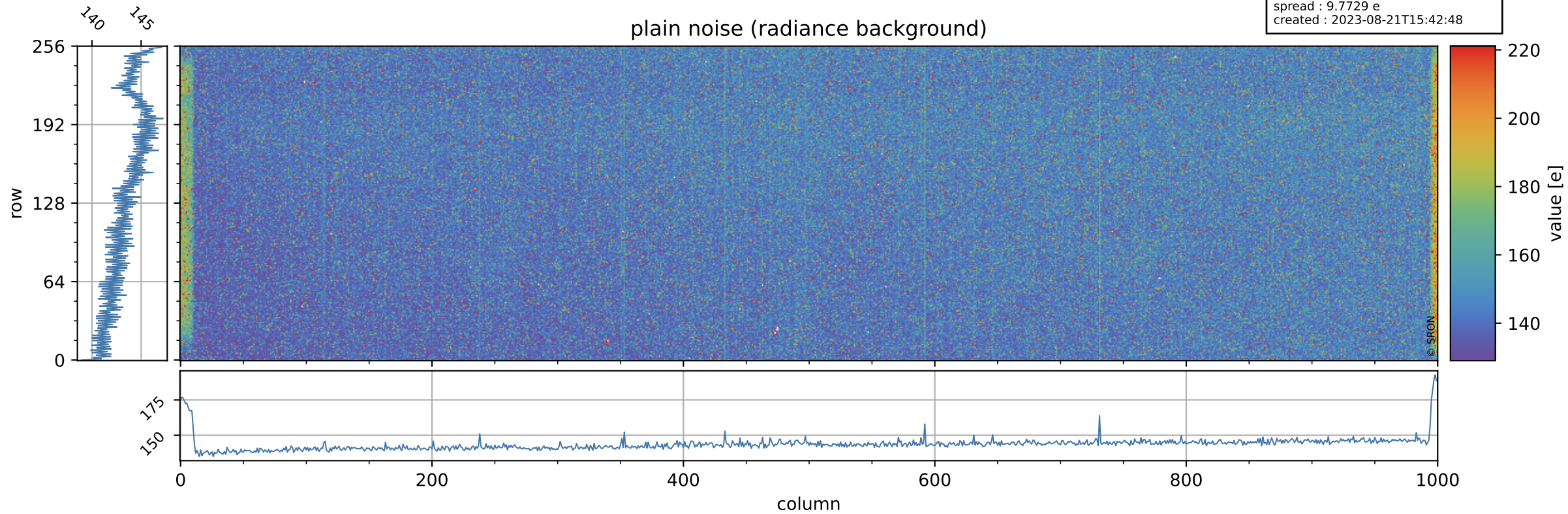
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.42 e  
spread : 9.7729 e  
created : 2023-08-21T15:42:48

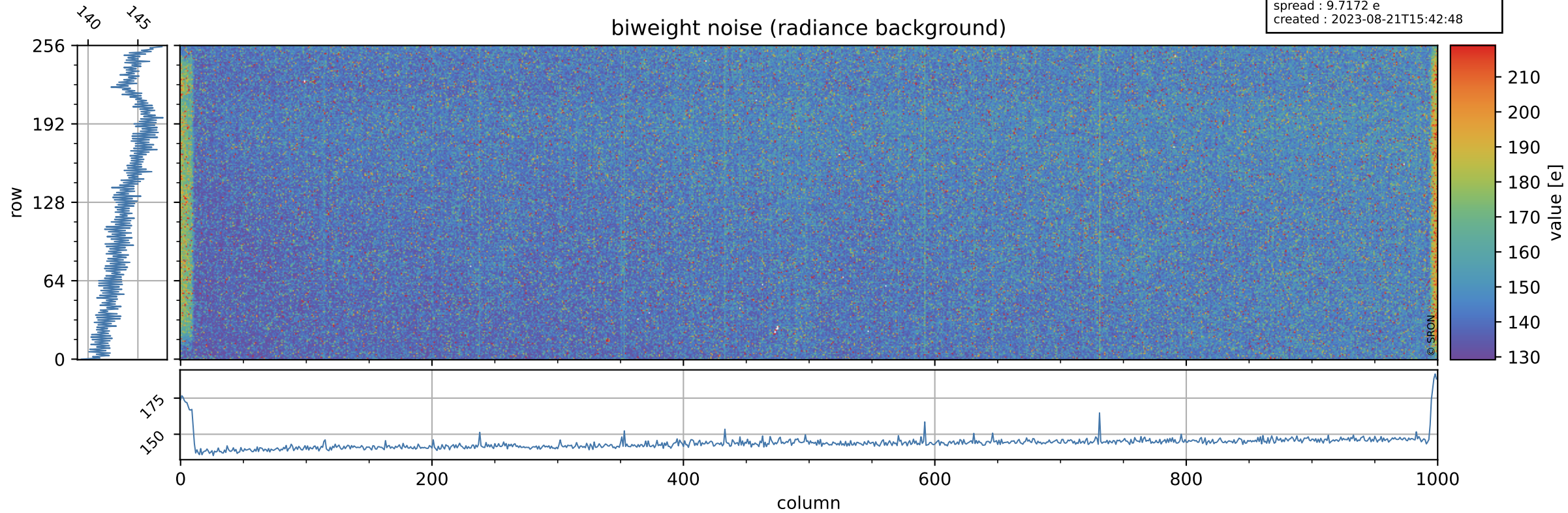
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.72 e  
spread : 9.7172 e  
created : 2023-08-21T15:42:48

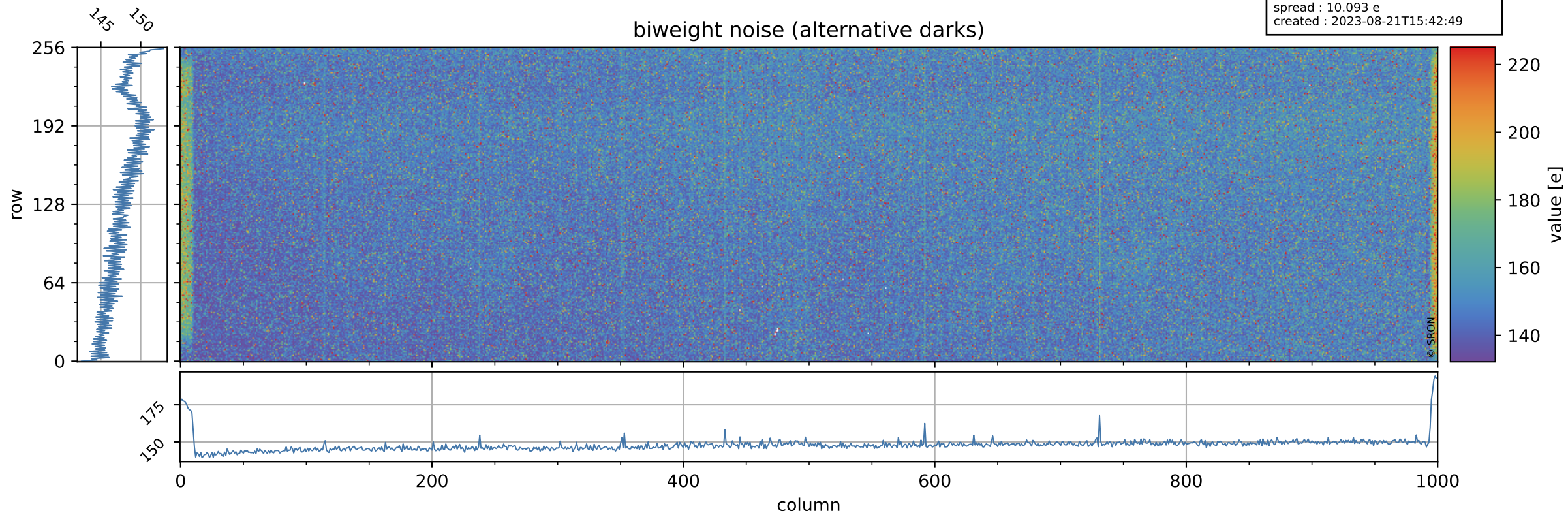
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
n\_coad, t\_exp : 1, 1.0783  
median : 147.69 e  
spread : 10.093 e  
created : 2023-08-21T15:42:49

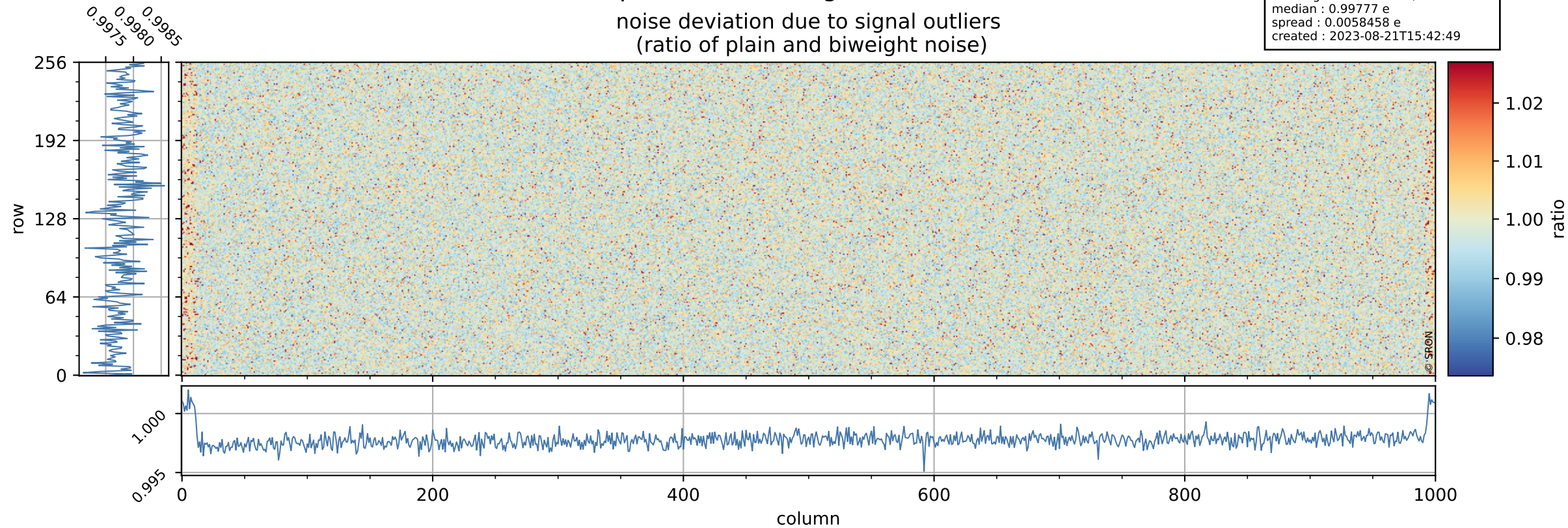
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

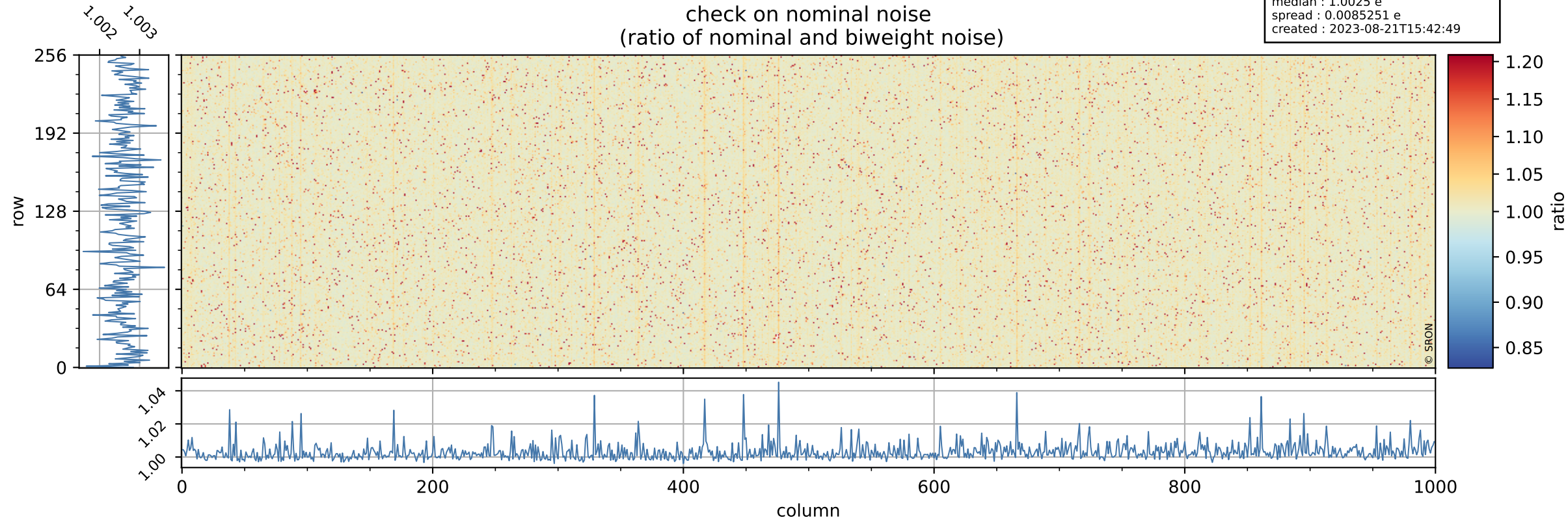
orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
median : 0.99777 e  
spread : 0.0058458 e  
created : 2023-08-21T15:42:49



# Tropomi SWIR background noise (swir)

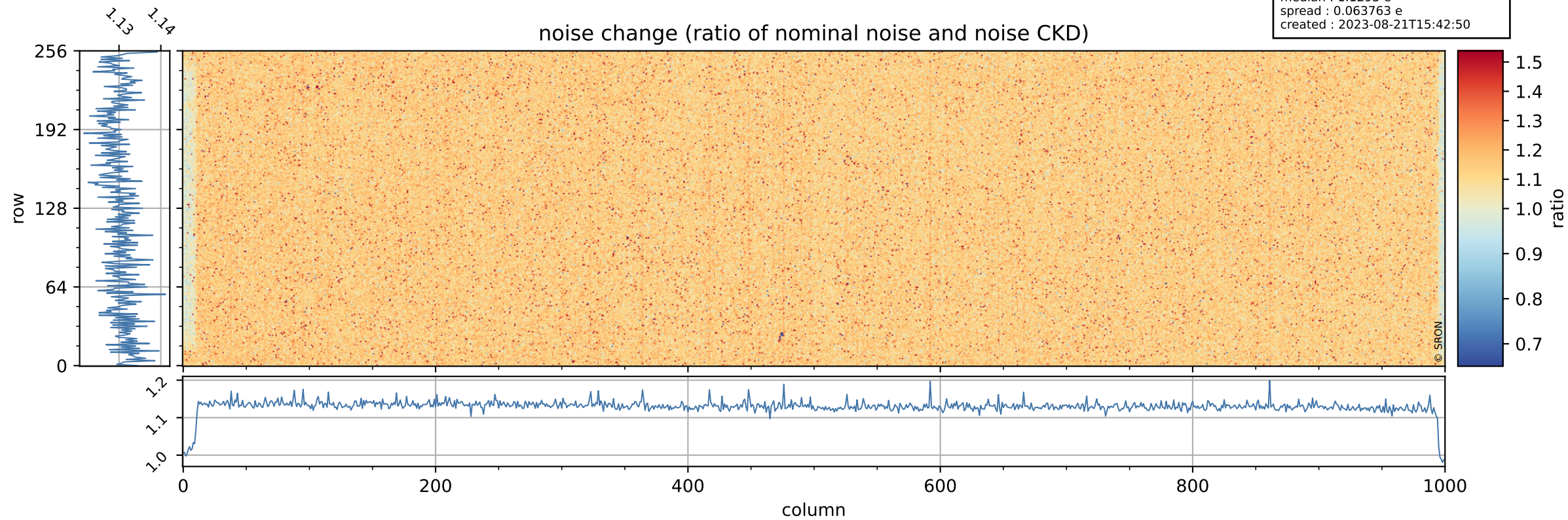
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
median : 1.0025 e  
spread : 0.0085251 e  
created : 2023-08-21T15:42:49



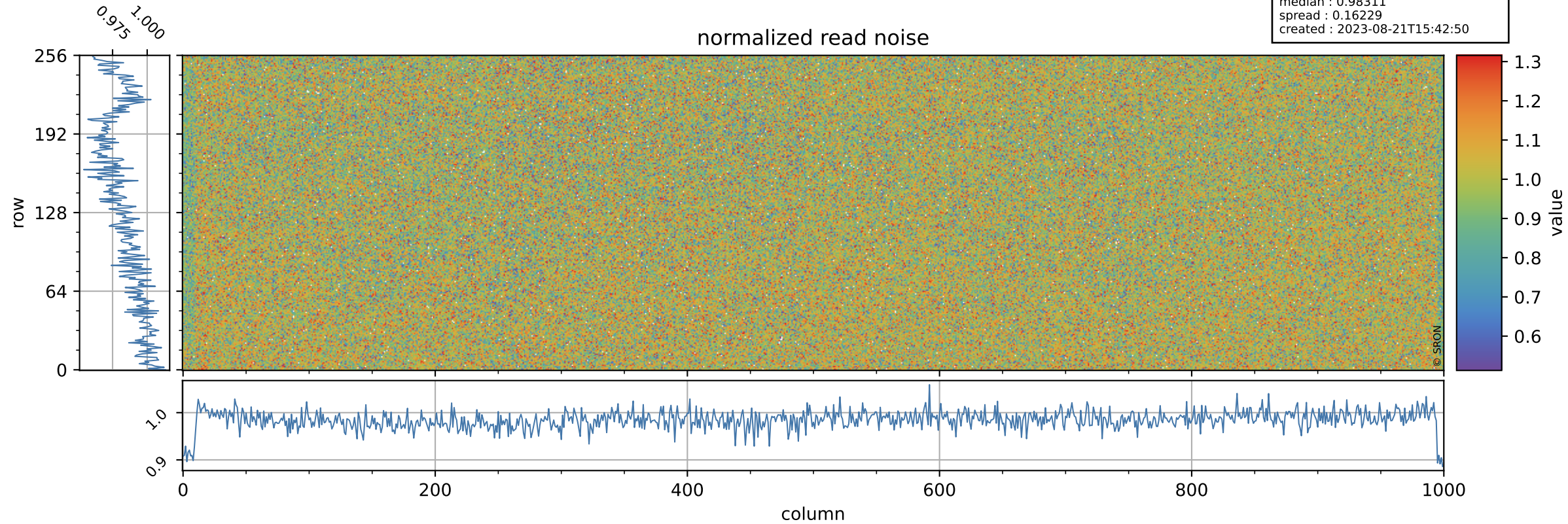
# Tropomi SWIR background noise (swir)

orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
median : 1.1295 e  
spread : 0.063763 e  
created : 2023-08-21T15:42:50



# Tropomi SWIR background noise (swir)

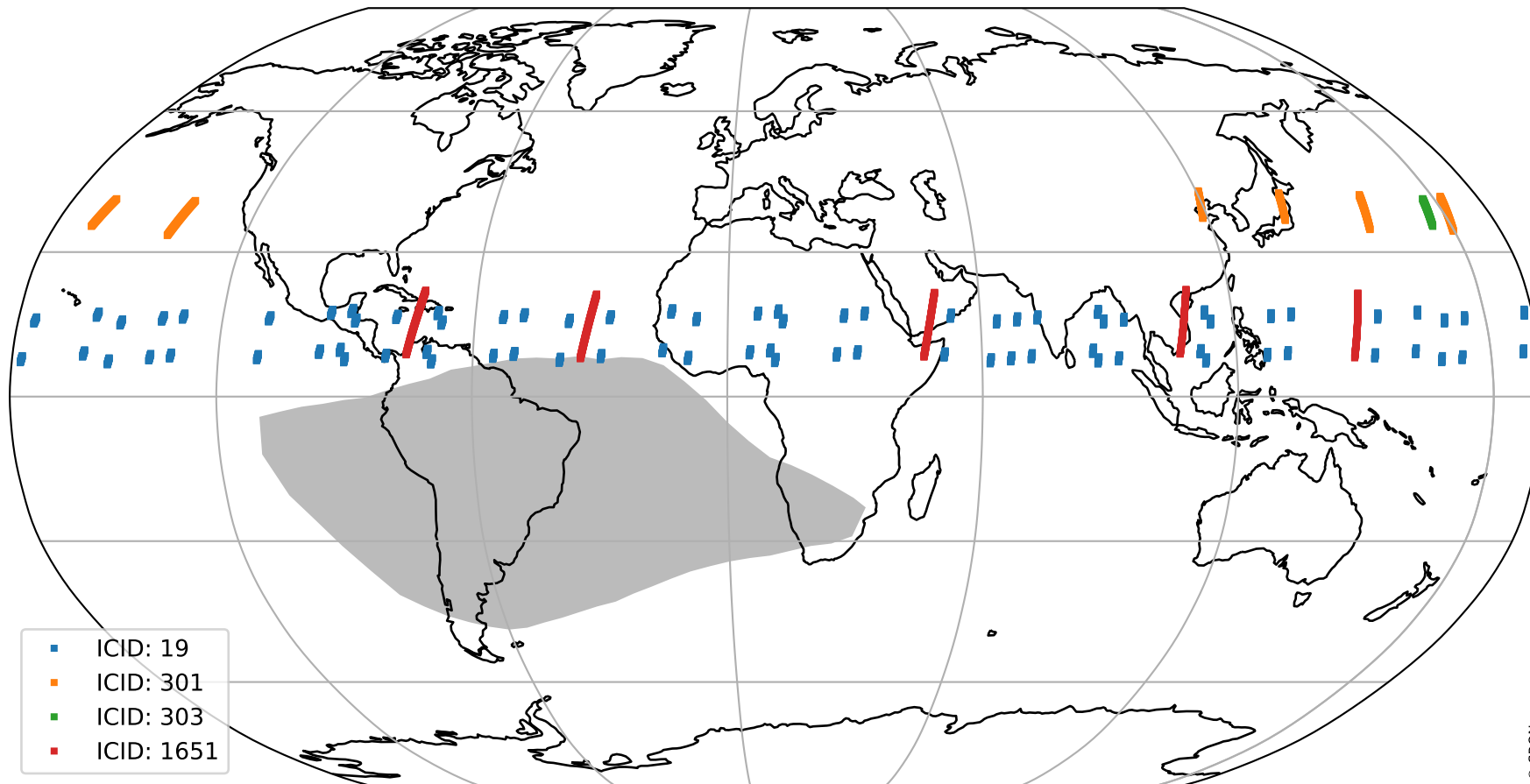
orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
median : 0.98311  
spread : 0.16229  
created : 2023-08-21T15:42:50





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

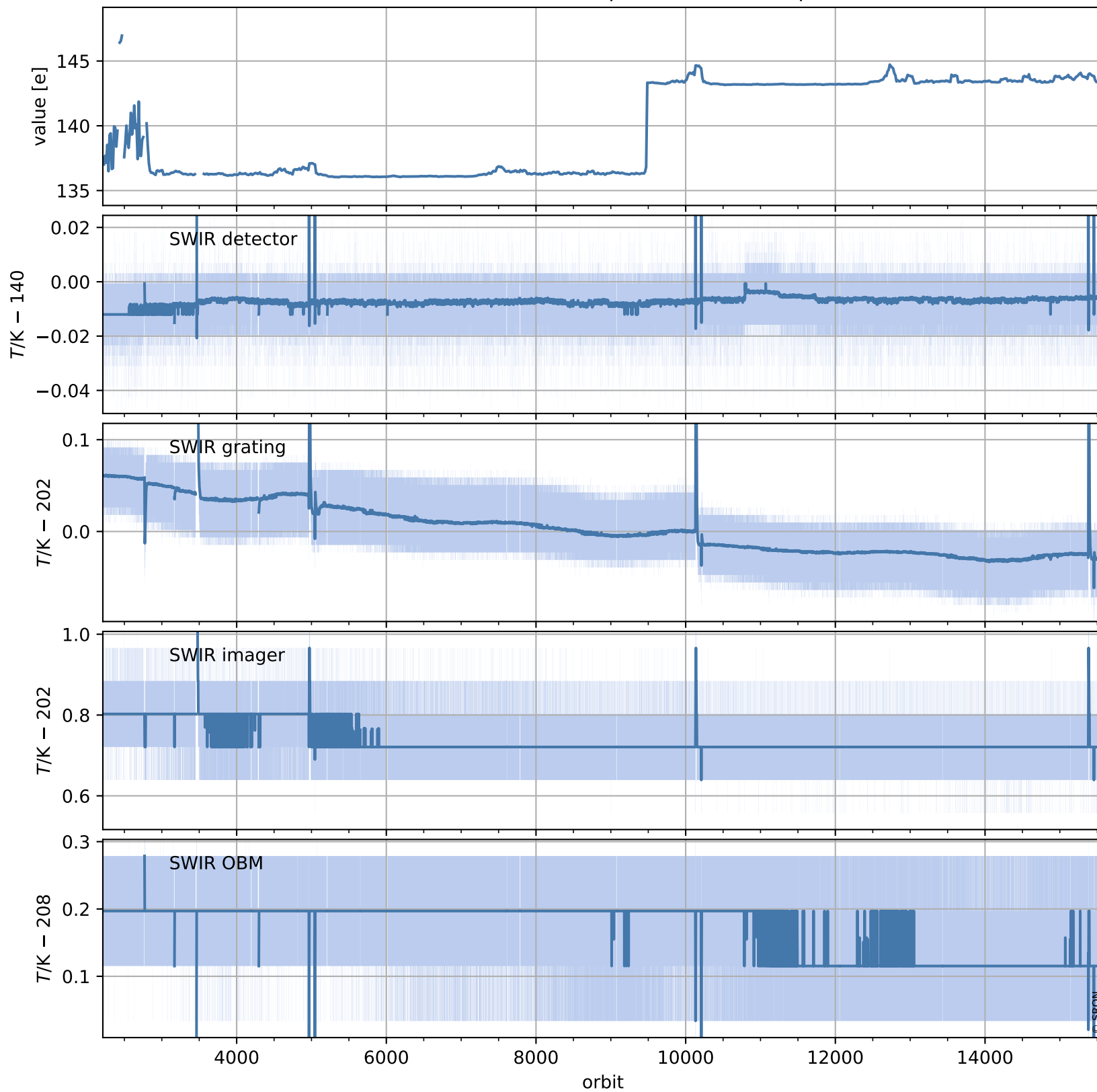
orbits : 12 in [15502, 15577]  
coverage : 2020-10-09 / 2020-10-14  
created : 2023-08-21T15:42:50



# Tropomi SWIR background noise (swir)

orbits : [2212, 15577]  
coverage : 2018-03-18 / 2020-10-14  
created : 2023-08-21T15:42:50

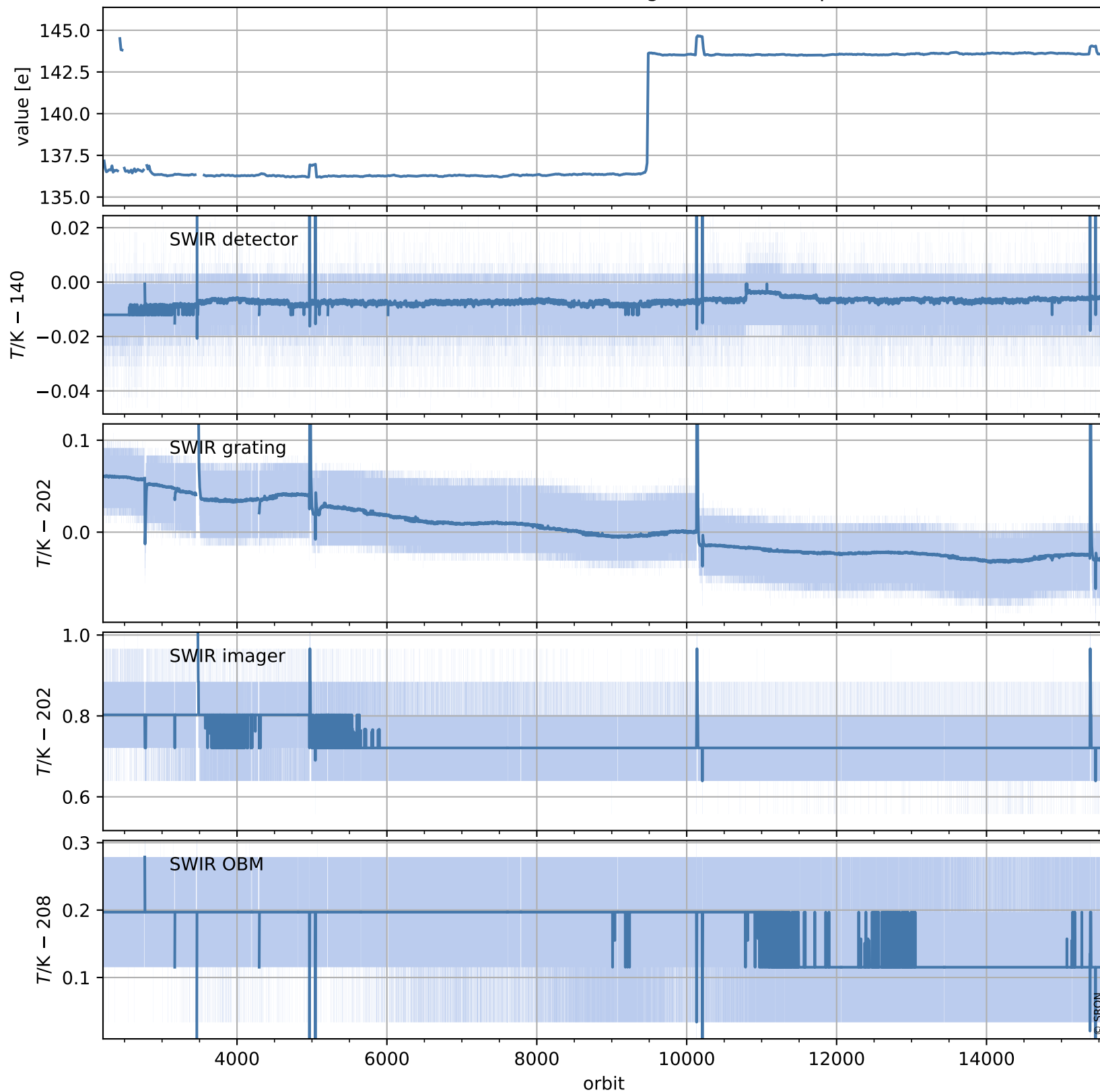
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15577]  
coverage : 2018-03-18 / 2020-10-14  
created : 2023-08-21T15:42:51

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15577]  
coverage : 2018-03-18 / 2020-10-14  
created : 2023-08-21T15:42:52

## trend of normalized read-noise & temperatures

