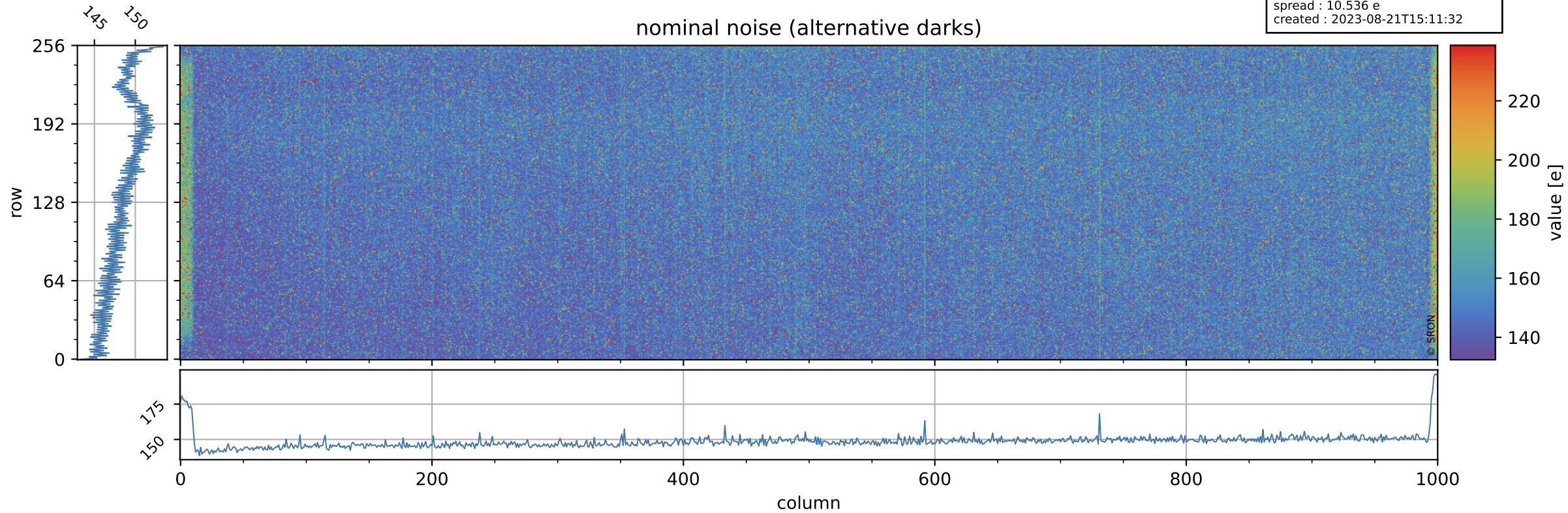


# Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.37 e  
spread : 10.536 e  
created : 2023-08-21T15:11:32

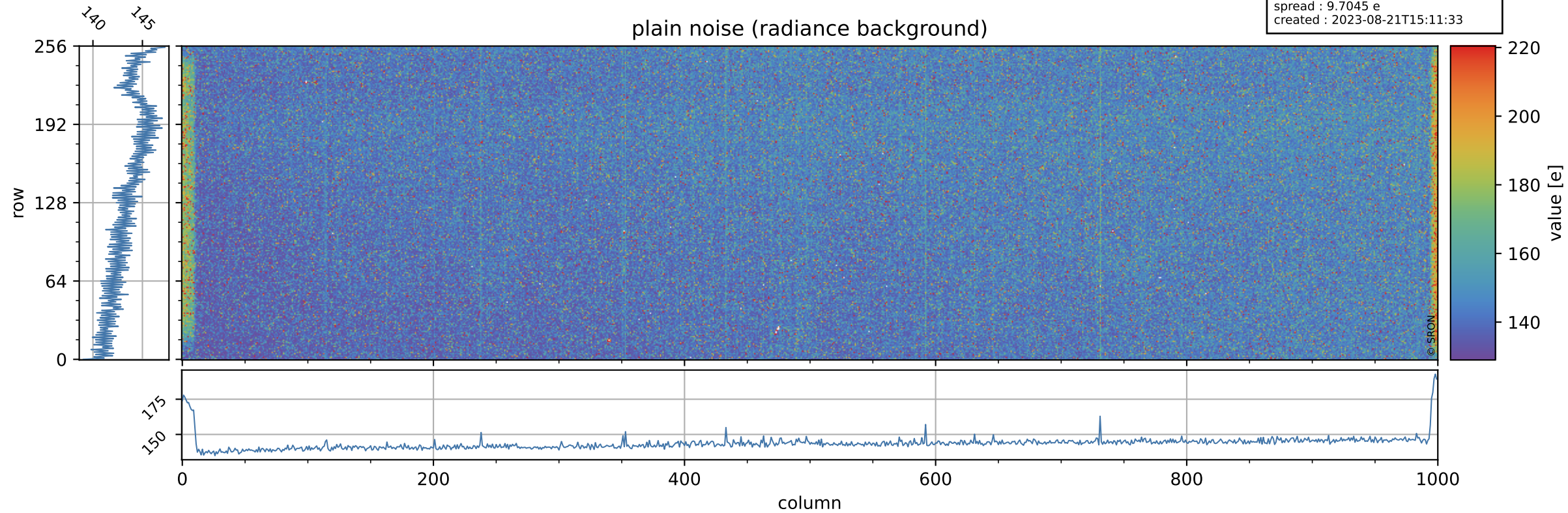
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.39 e  
spread : 9.7045 e  
created : 2023-08-21T15:11:33

plain noise (radiance background)

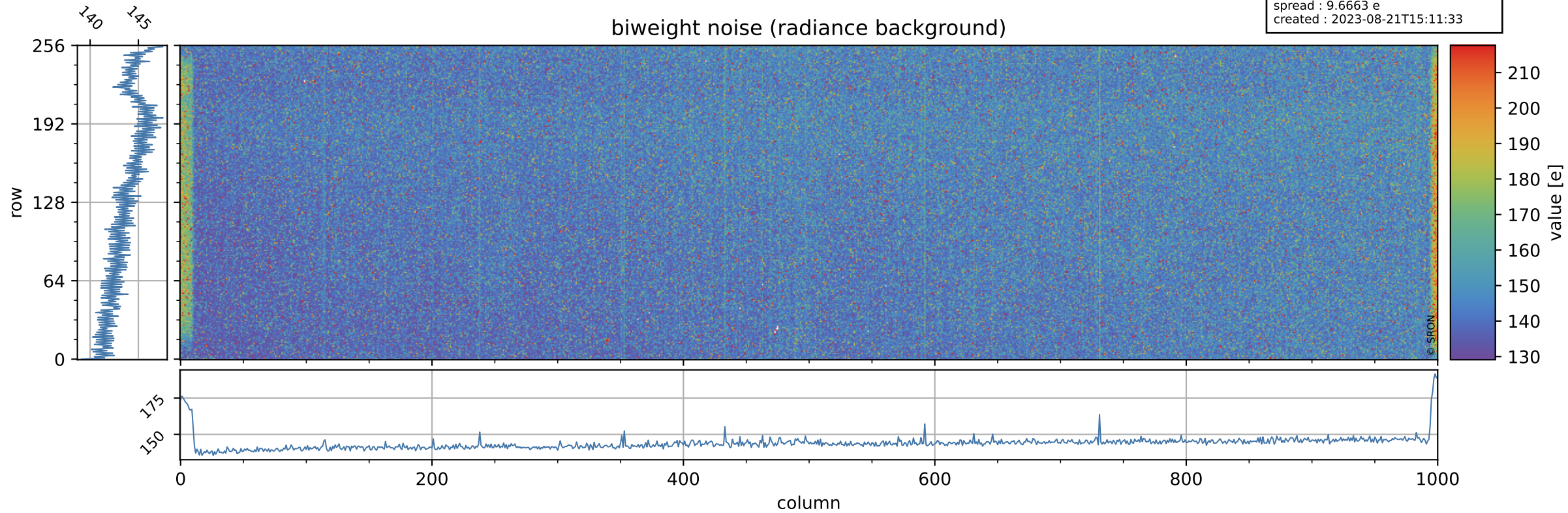




# Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.67 e  
spread : 9.6663 e  
created : 2023-08-21T15:11:33

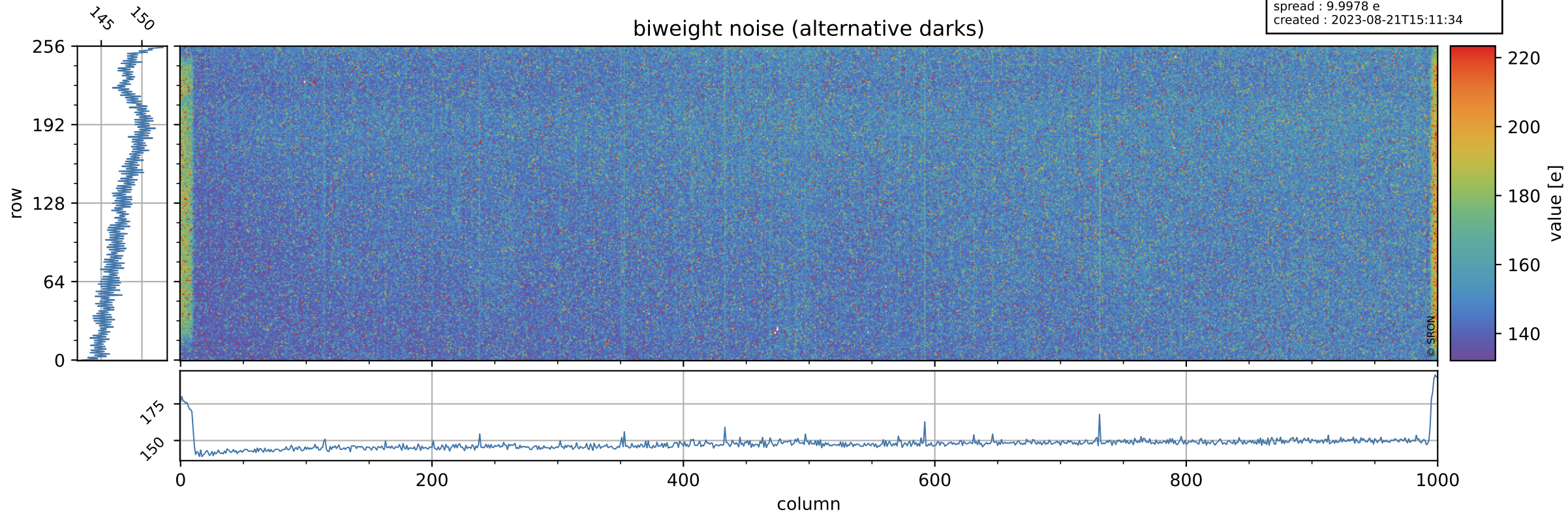
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.57 e  
spread : 9.9978 e  
created : 2023-08-21T15:11:34

## biweight noise (alternative darks)

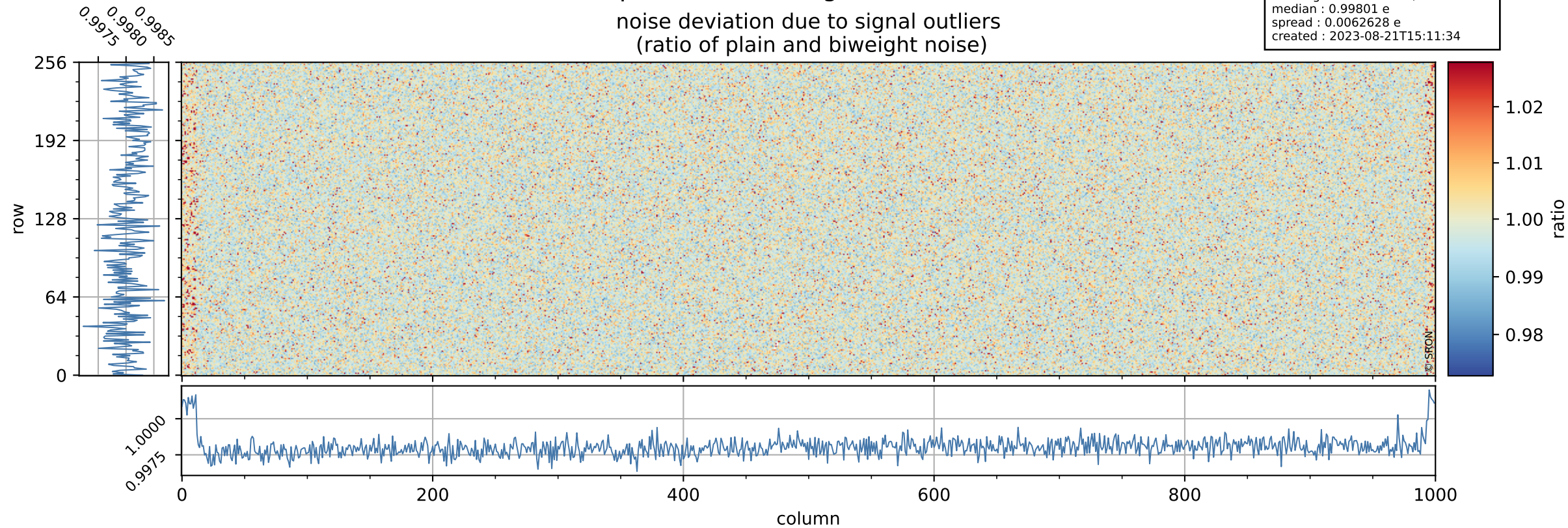




# Tropomi SWIR background noise (swir)

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

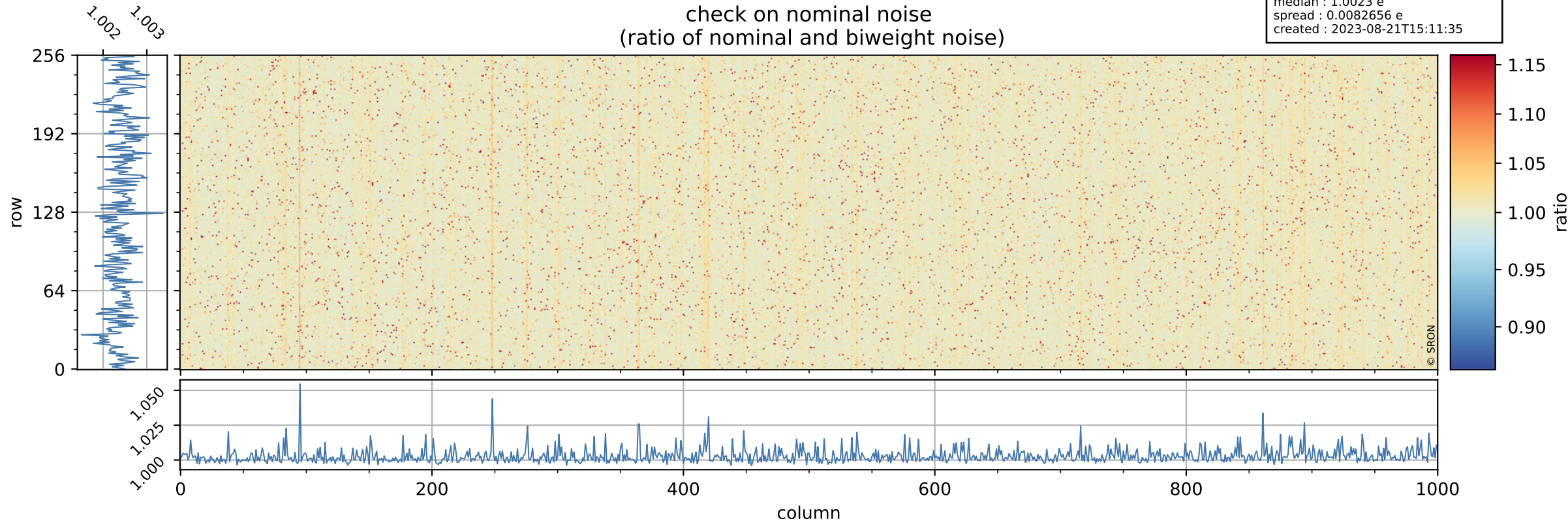
orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
median : 0.99801 e  
spread : 0.0062628 e  
created : 2023-08-21T15:11:34



# Tropomi SWIR background noise (swir)

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

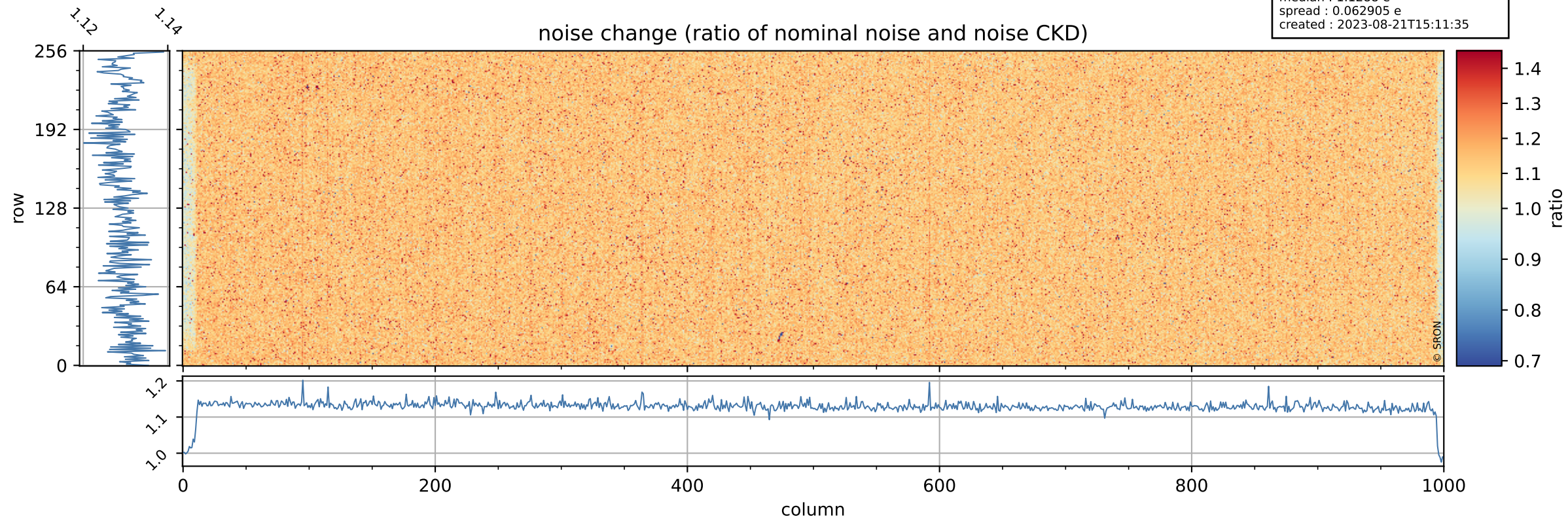
orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
median : 1.0023 e  
spread : 0.0082656 e  
created : 2023-08-21T15:11:35





# Tropomi SWIR background noise (swir)

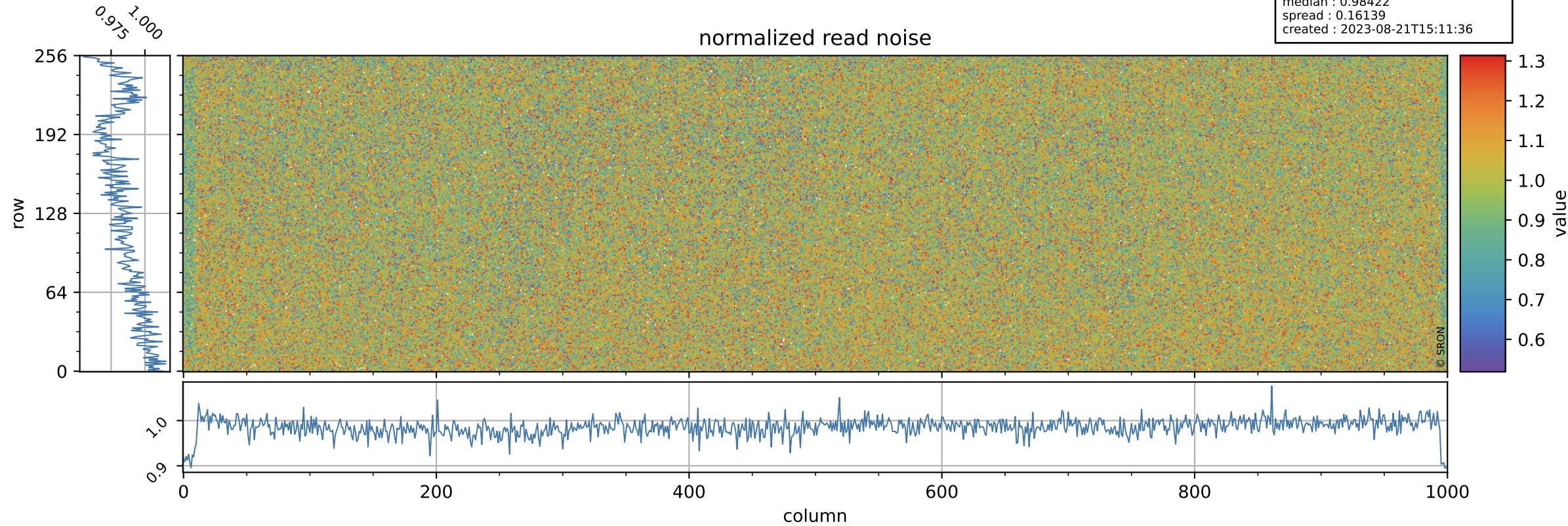
orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
median : 1.1288 e  
spread : 0.062905 e  
created : 2023-08-21T15:11:35





# Tropomi SWIR background noise (swir)

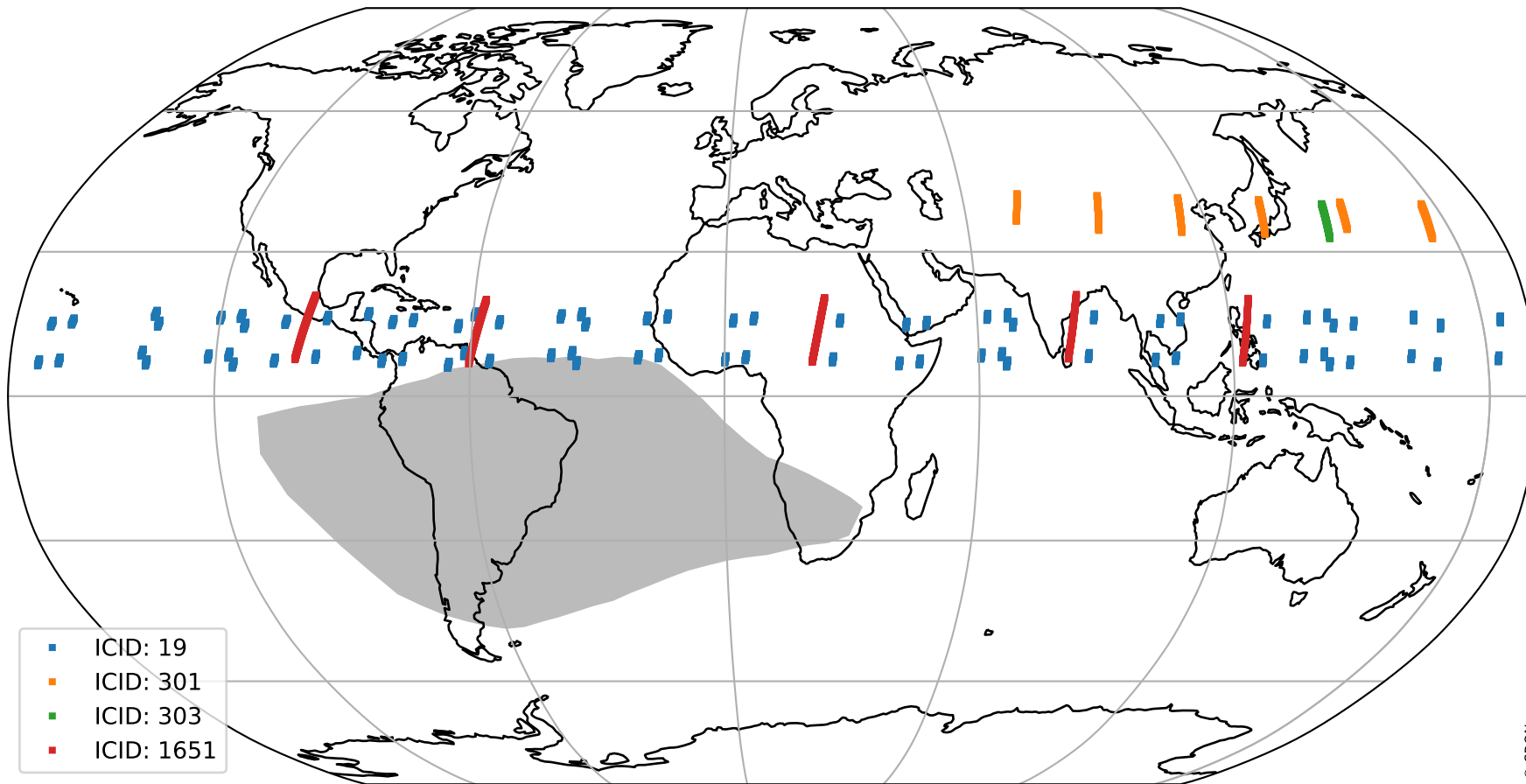
orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
median : 0.98422  
spread : 0.16139  
created : 2023-08-21T15:11:36





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

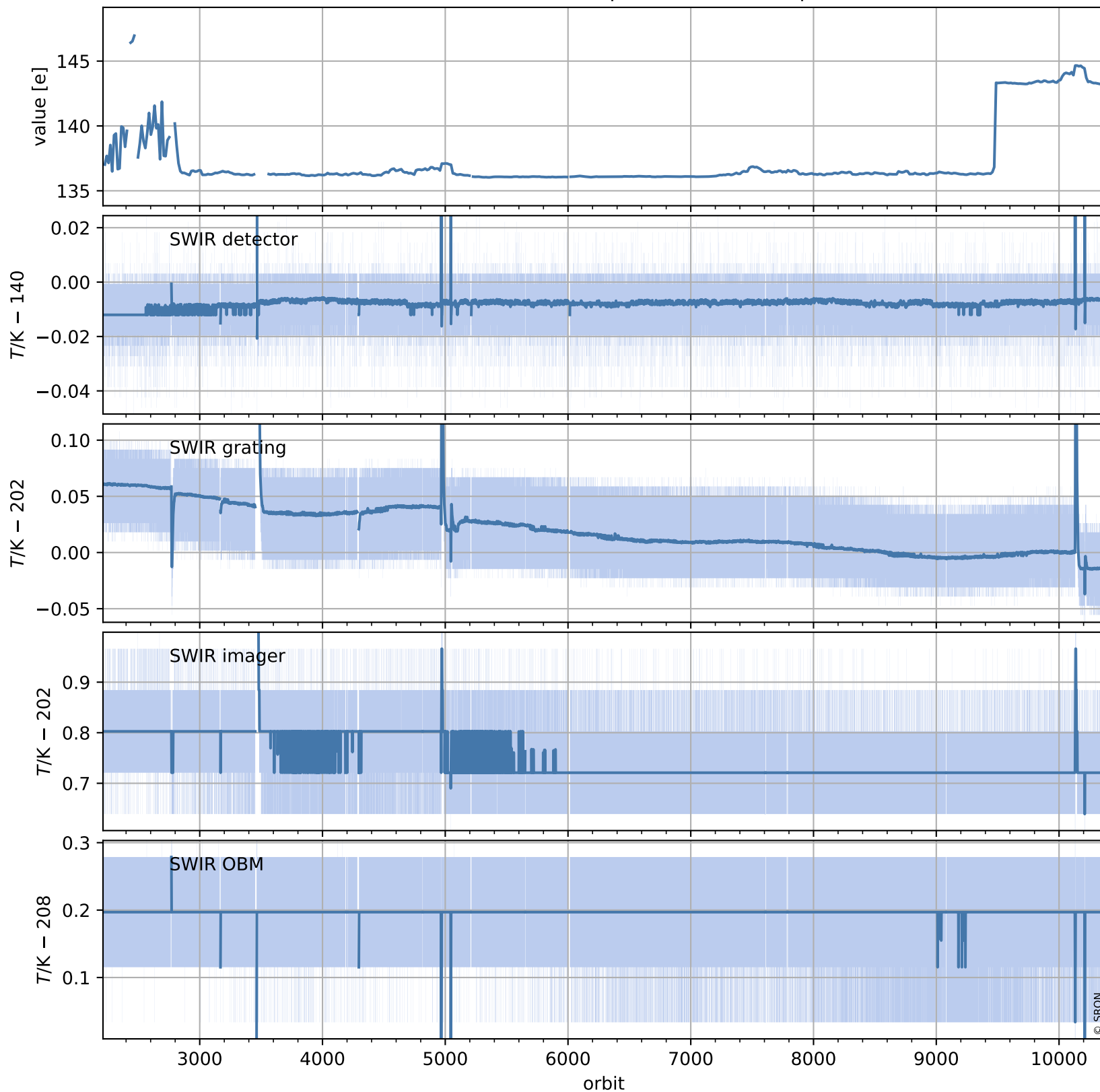
orbits : 12 in [10297, 10372]  
coverage : 2019-10-08 / 2019-10-13  
created : 2023-08-21T15:11:36



# Tropomi SWIR background noise (swir)

orbits : [2212, 10372]  
coverage : 2018-03-18 / 2019-10-13  
created : 2023-08-21T15:11:37

## trend of detector median of plain noise & temperatures

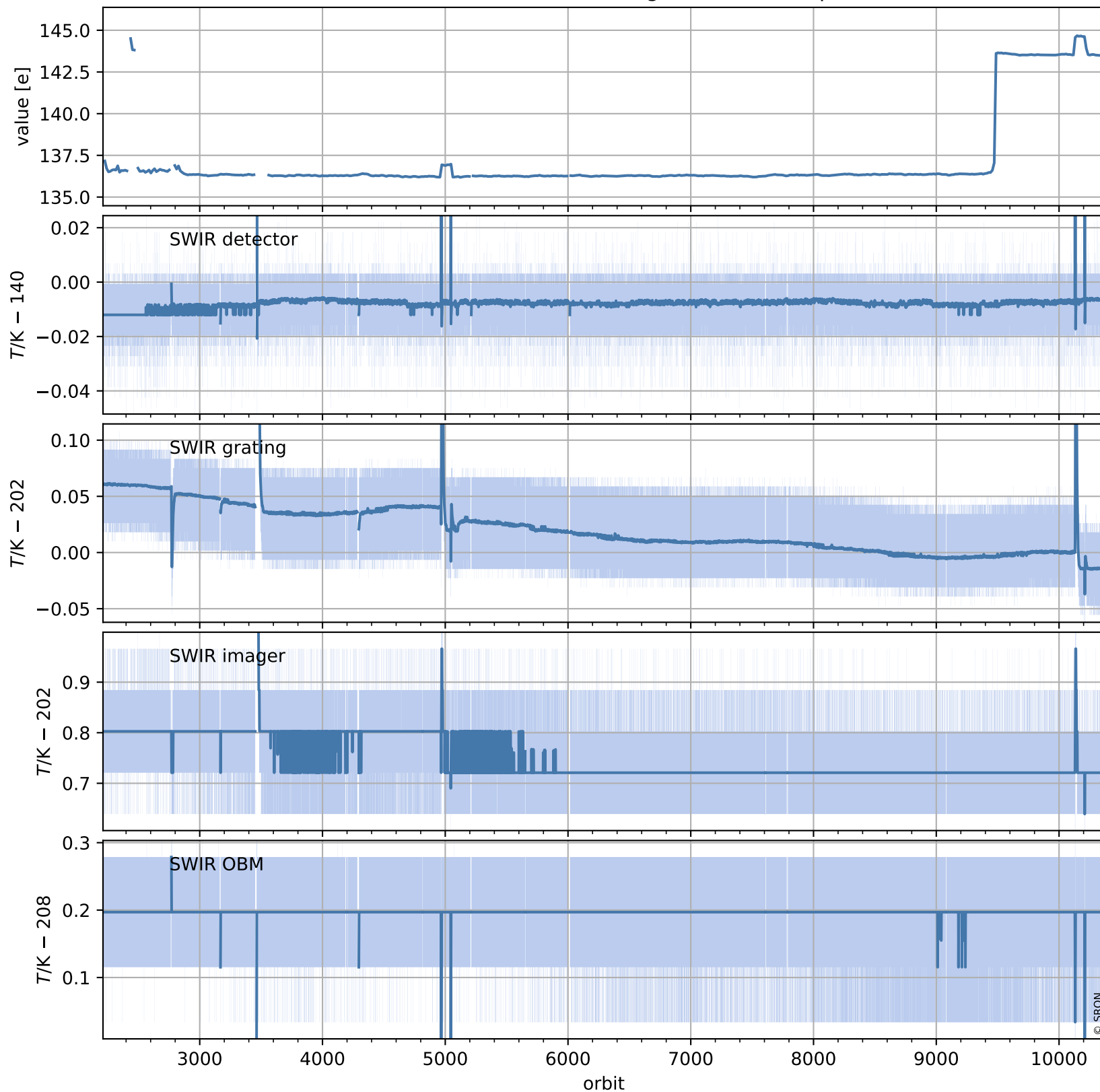




# Tropomi SWIR background noise (swir)

orbits : [2212, 10372]  
coverage : 2018-03-18 / 2019-10-13  
created : 2023-08-21T15:11:38

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10372]  
coverage : 2018-03-18 / 2019-10-13  
created : 2023-08-21T15:11:39

## trend of normalized read-noise & temperatures

