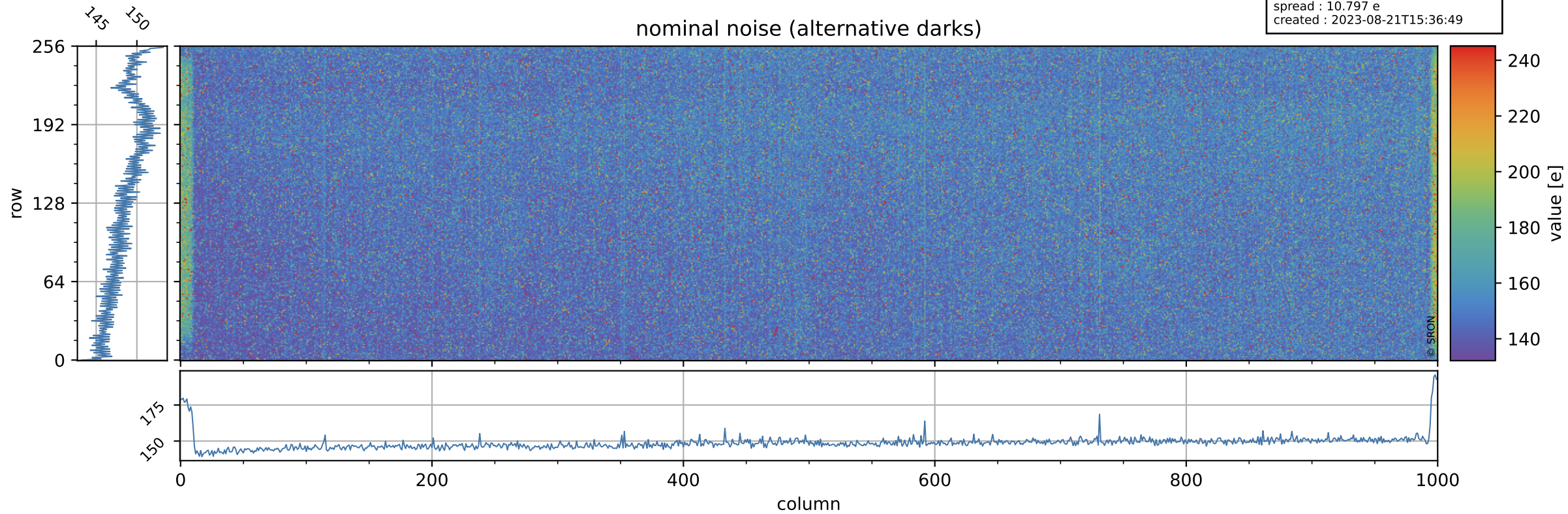


# Tropomi SWIR background noise (swir)

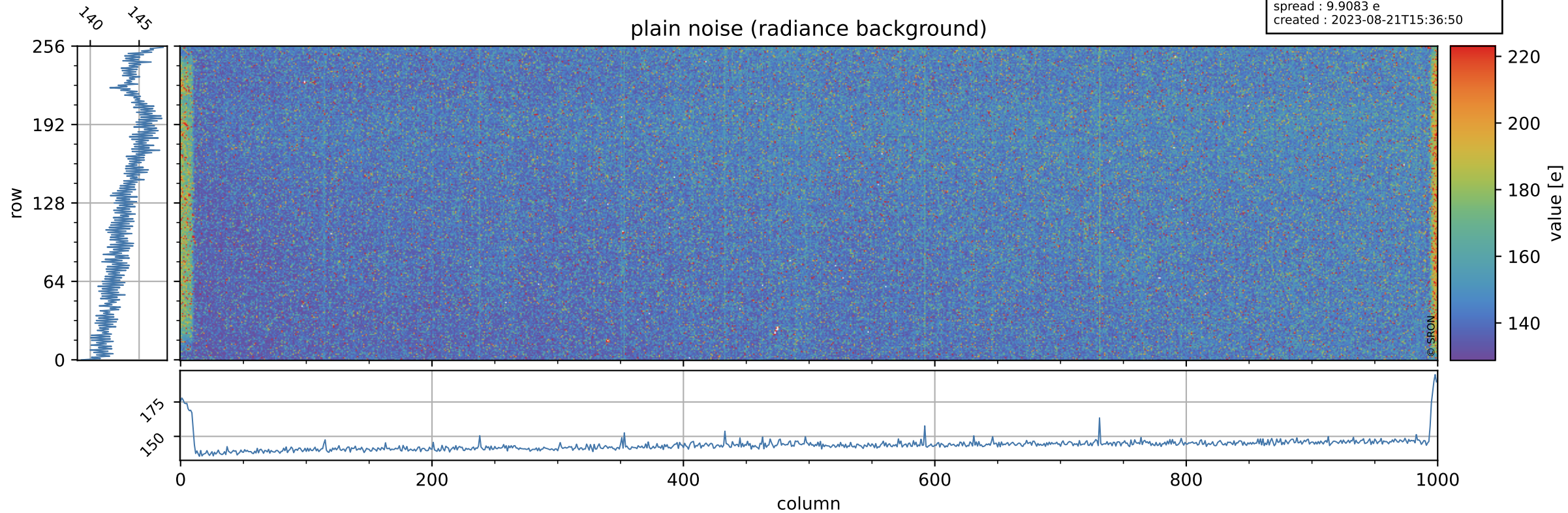
orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
n\_coad, t\_exp : 1, 1.0783  
median : 148.47 e  
spread : 10.797 e  
created : 2023-08-21T15:36:49



# Tropomi SWIR background noise (swir)

orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.56 e  
spread : 9.9083 e  
created : 2023-08-21T15:36:50

plain noise (radiance background)

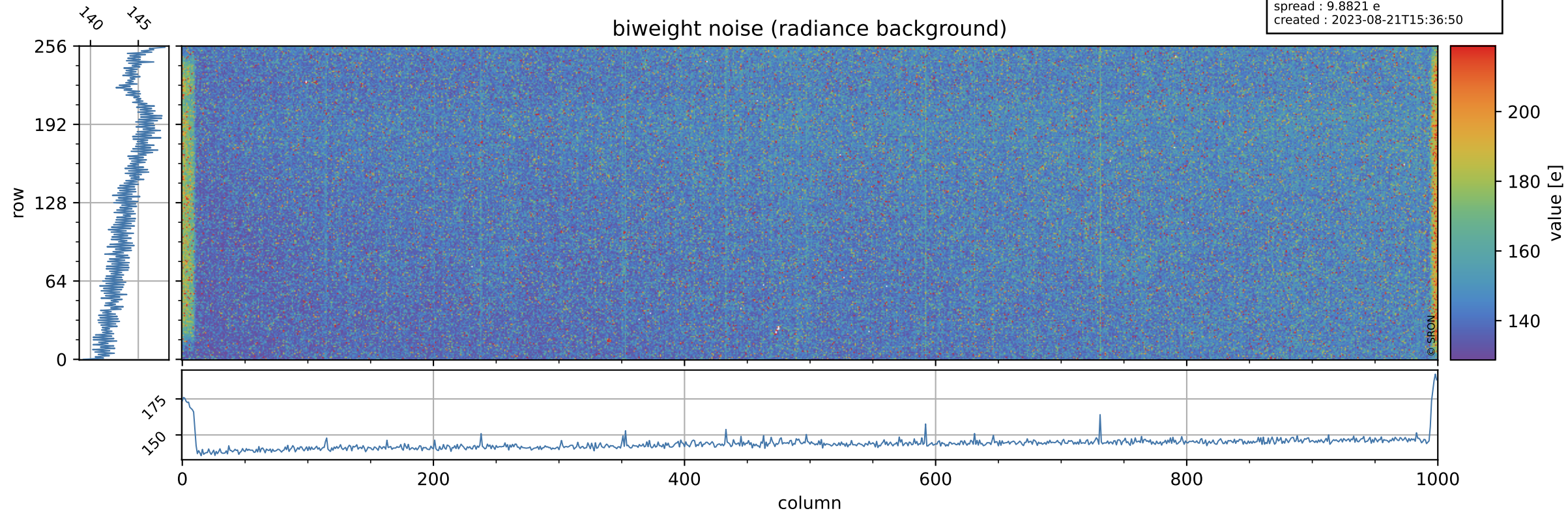




# Tropomi SWIR background noise (swir)

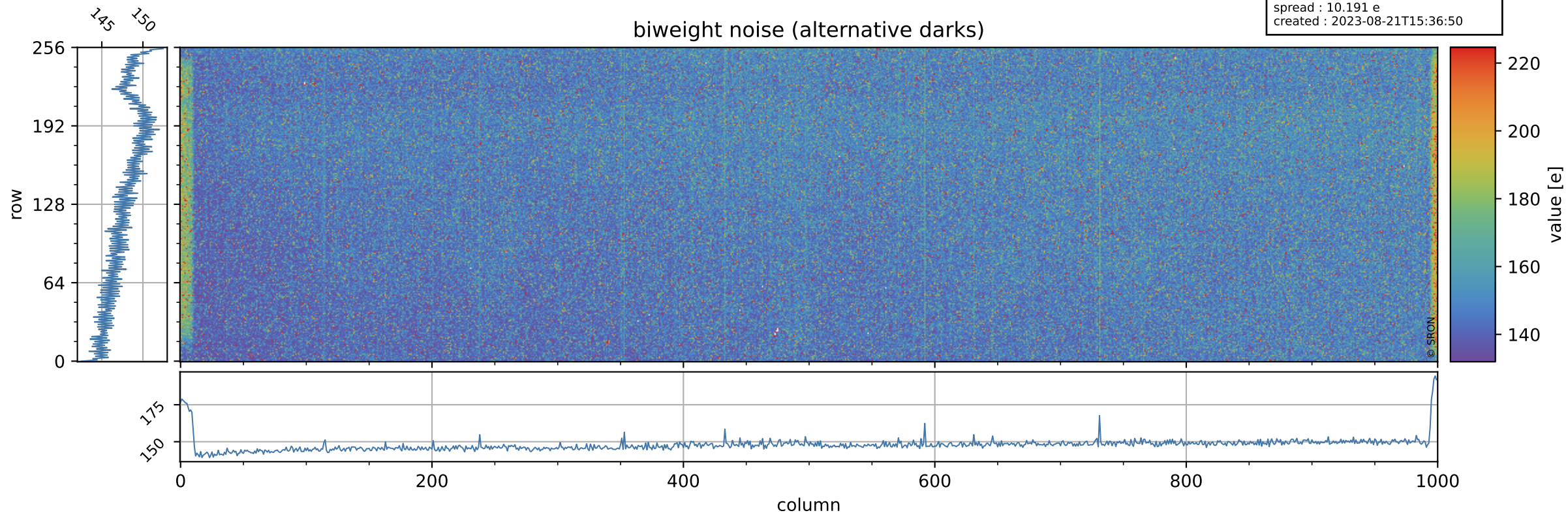
orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 9.8821 e  
created : 2023-08-21T15:36:50

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
n\_coad, t\_exp : 1, 1.0783  
median : 147.65 e  
spread : 10.191 e  
created : 2023-08-21T15:36:50

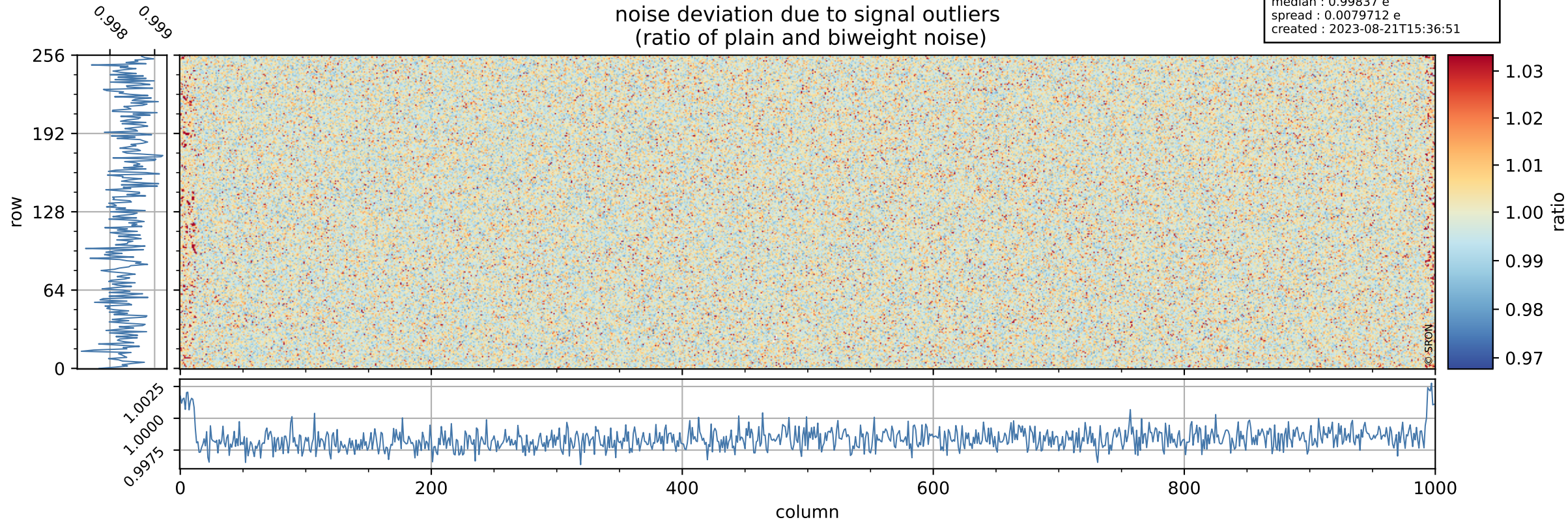




# Tropomi SWIR background noise (swir)

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

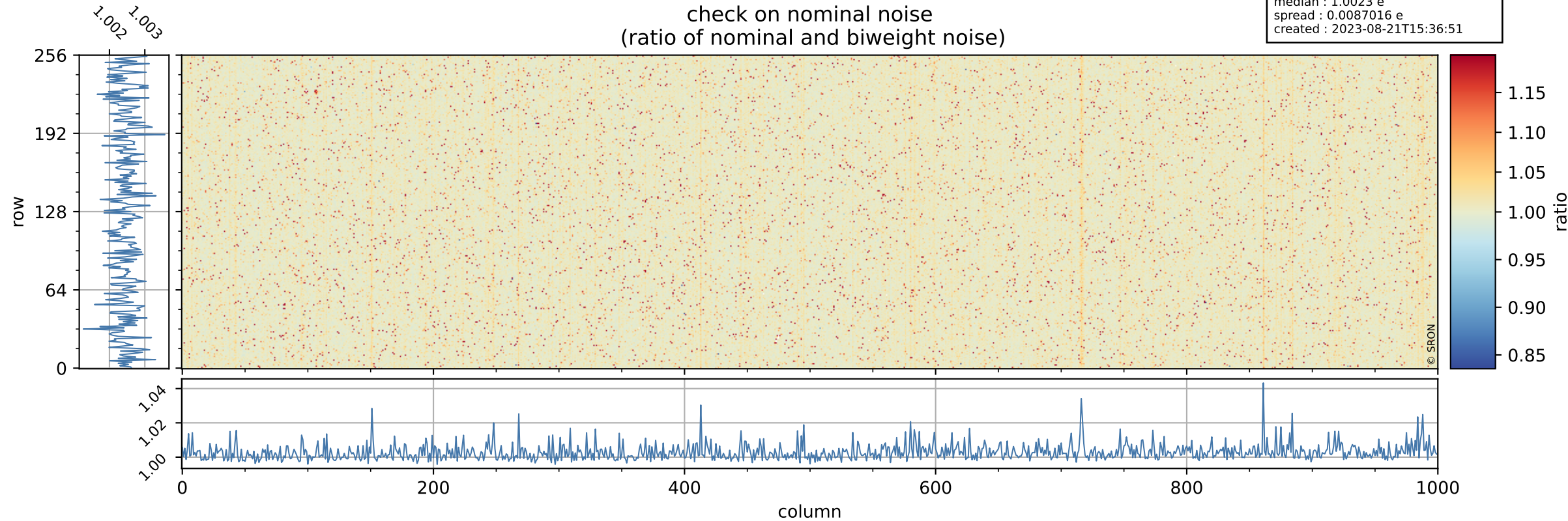
orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
median : 0.99837 e  
spread : 0.0079712 e  
created : 2023-08-21T15:36:51



# Tropomi SWIR background noise (swir)

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

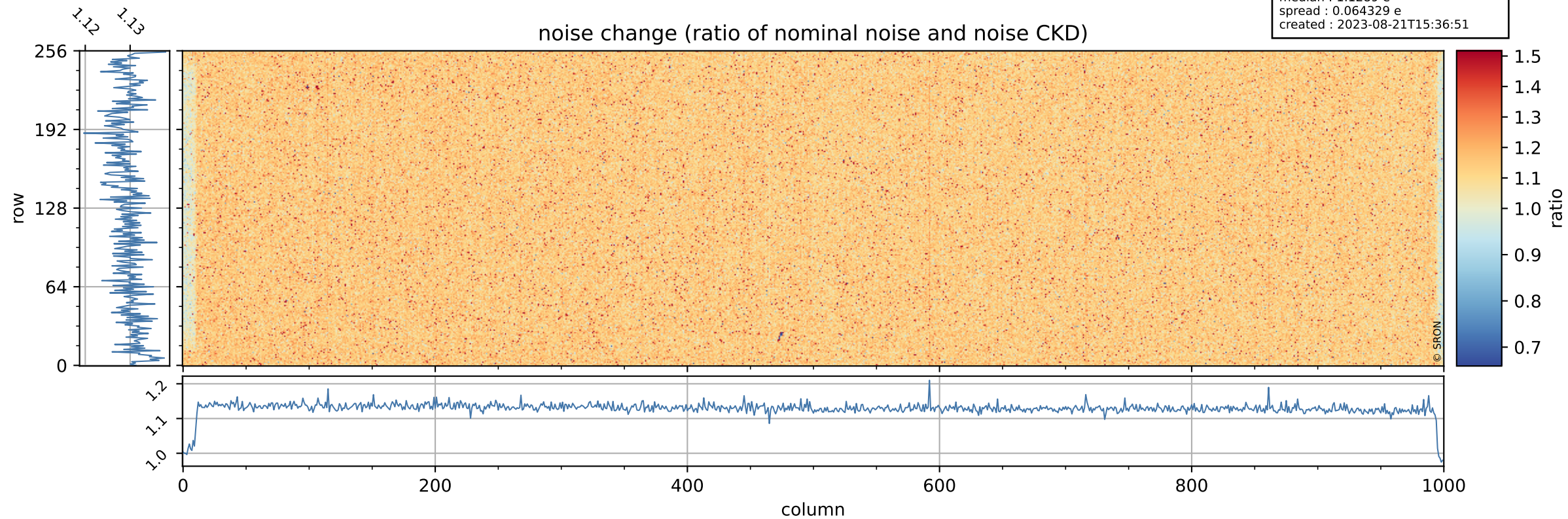
orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
median : 1.0023 e  
spread : 0.0087016 e  
created : 2023-08-21T15:36:51





# Tropomi SWIR background noise (swir)

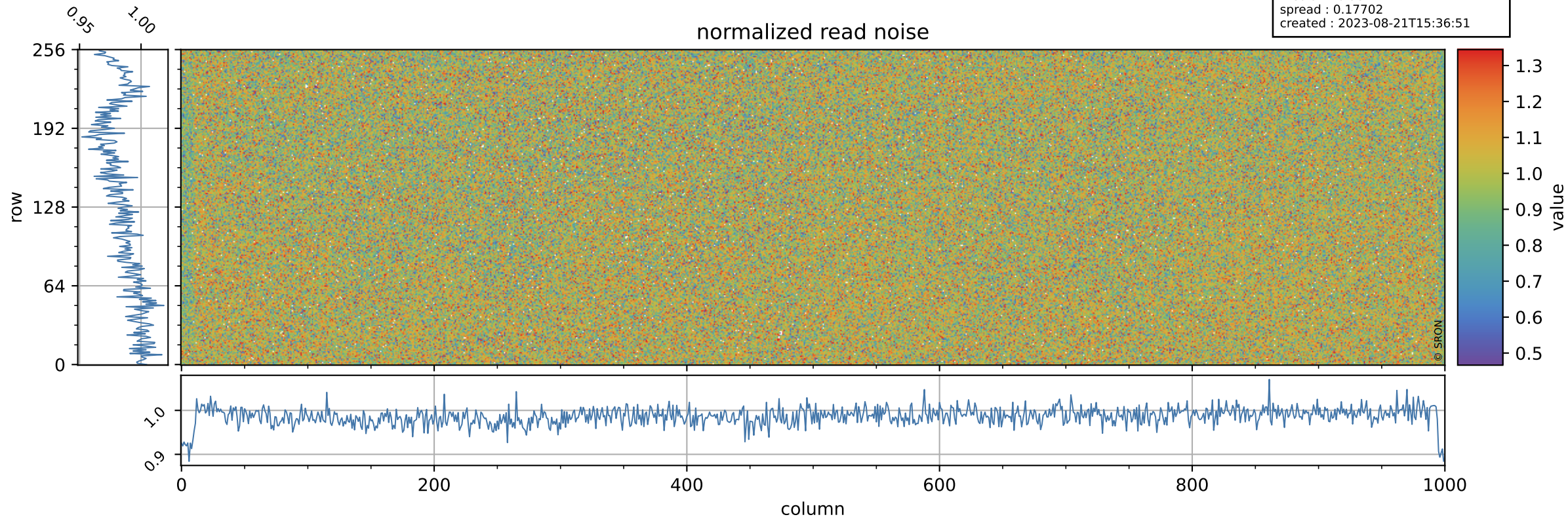
orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
median : 1.1289 e  
spread : 0.064329 e  
created : 2023-08-21T15:36:51





# Tropomi SWIR background noise (swir)

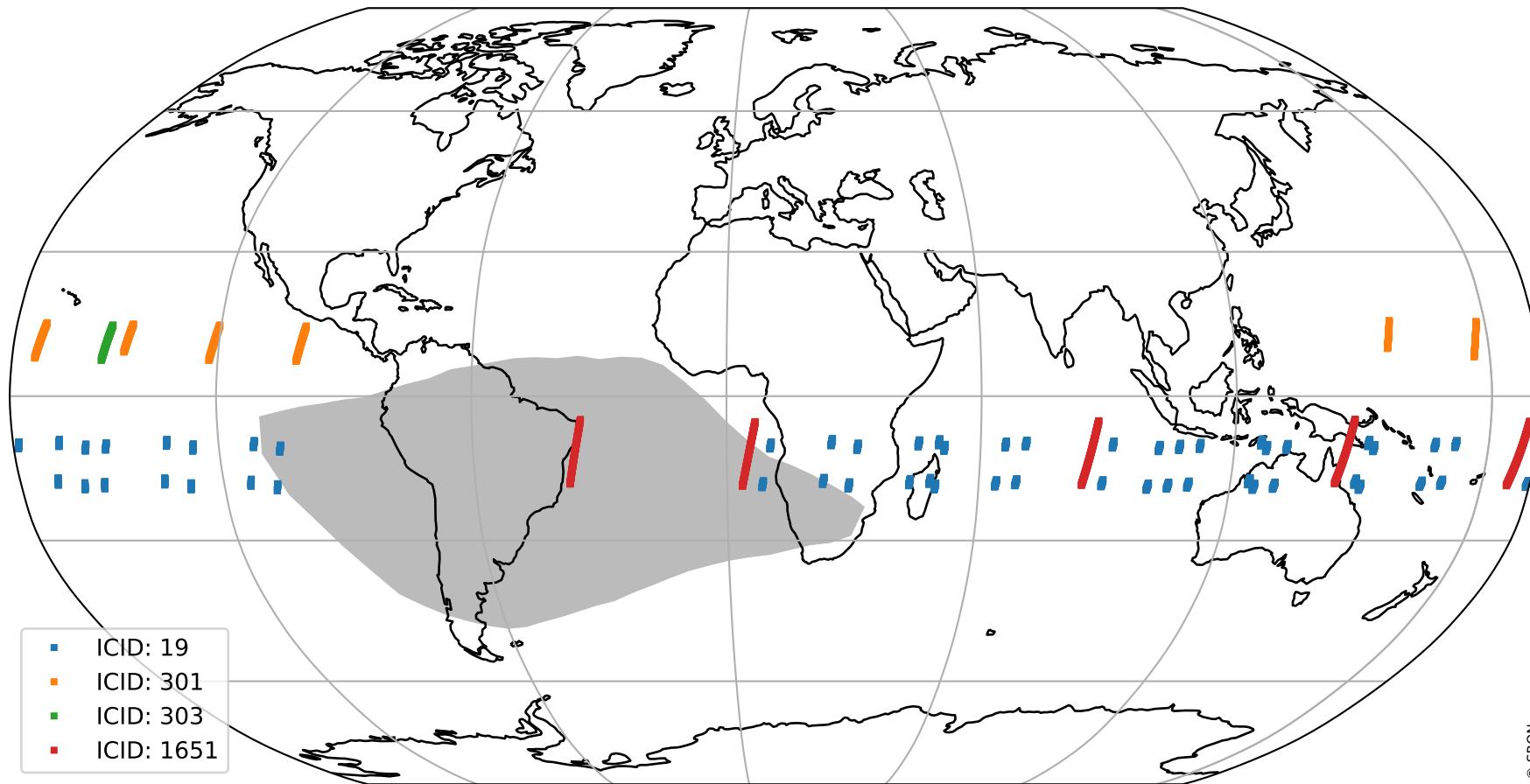
orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
median : 0.9847  
spread : 0.17702  
created : 2023-08-21T15:36:51





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

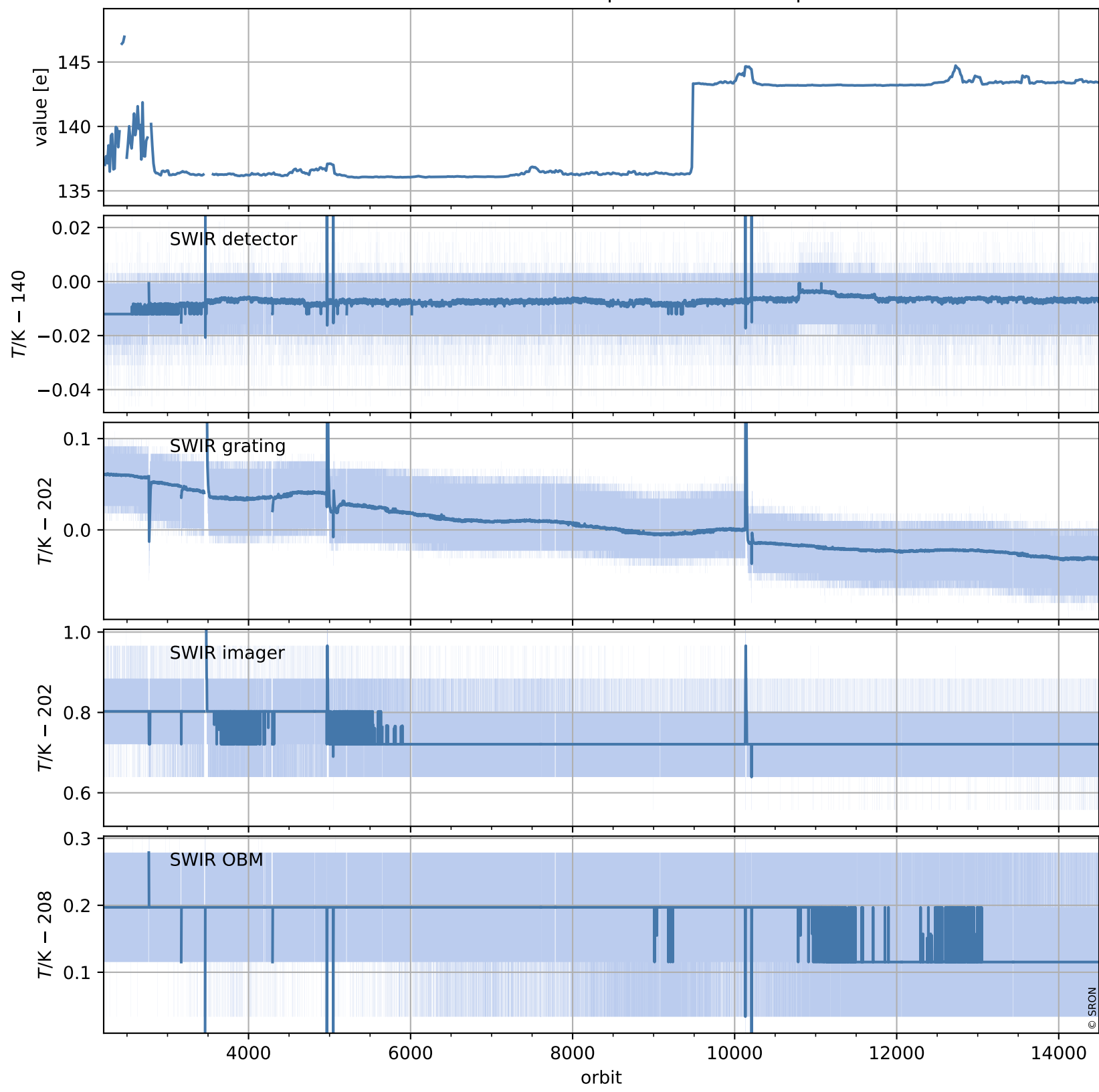
orbits : 12 in [14422, 14497]  
coverage : 2020-07-25 / 2020-07-30  
created : 2023-08-21T15:36:52



# Tropomi SWIR background noise (swir)

orbits : [2212, 14497]  
coverage : 2018-03-18 / 2020-07-30  
created : 2023-08-21T15:36:52

## trend of detector median of plain noise & temperatures

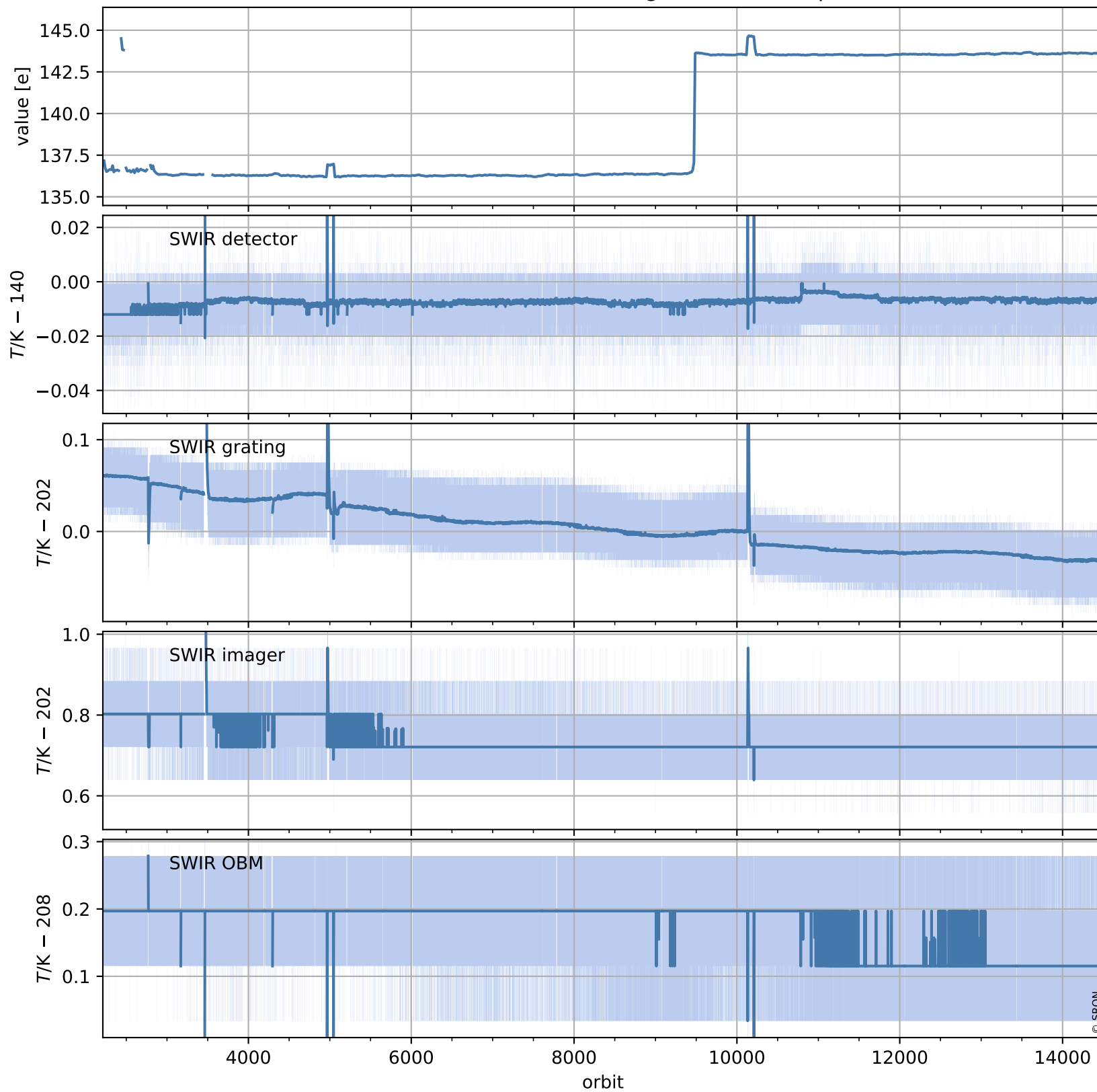




# Tropomi SWIR background noise (swir)

orbits : [2212, 14497]  
coverage : 2018-03-18 / 2020-07-30  
created : 2023-08-21T15:36:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14497]  
coverage : 2018-03-18 / 2020-07-30  
created : 2023-08-21T15:36:53

## trend of normalized read-noise & temperatures

