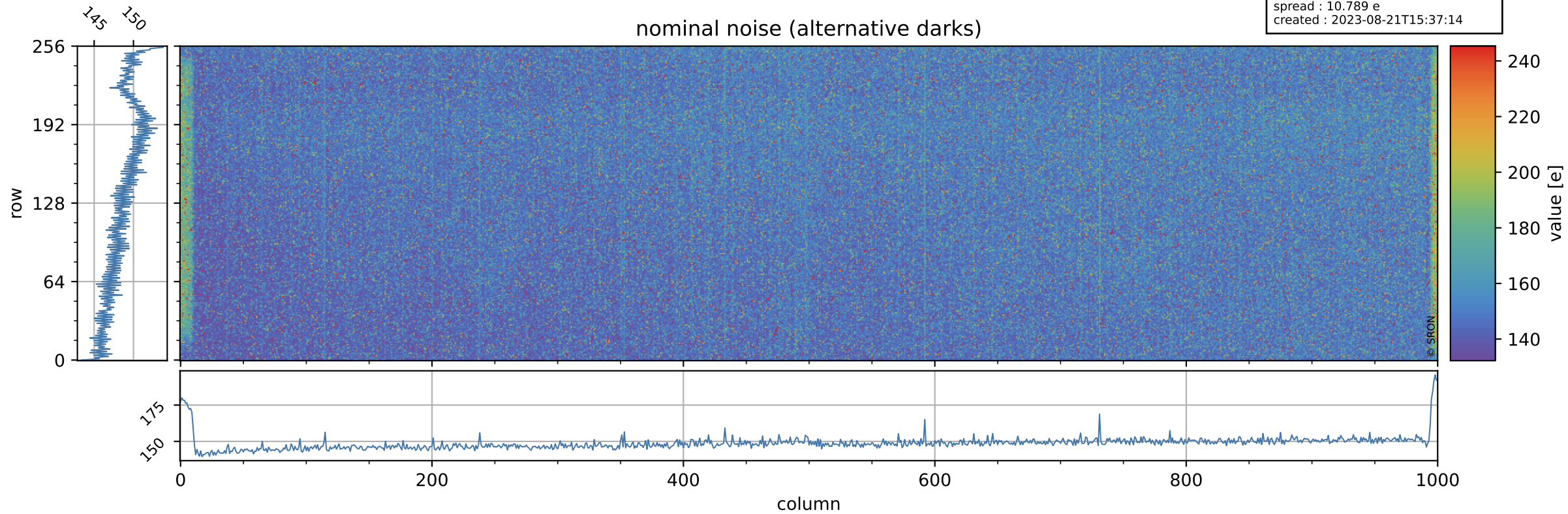


# Tropomi SWIR background noise (swir)

orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.57 e  
spread : 10.789 e  
created : 2023-08-21T15:37:14

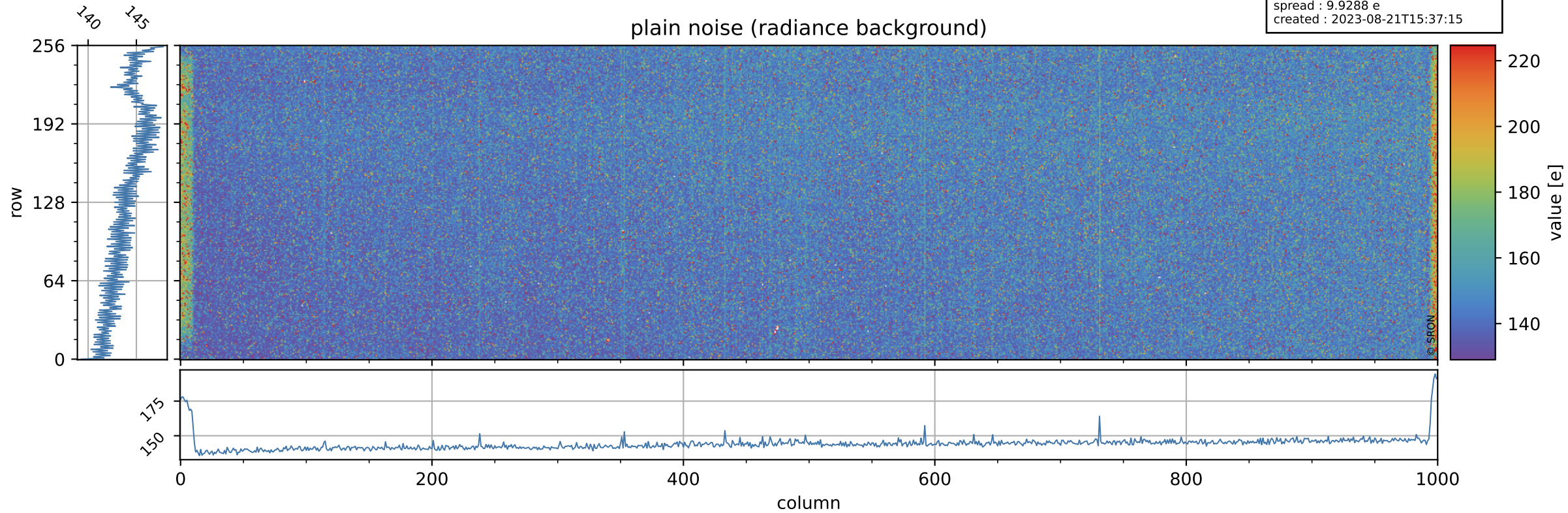
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.91 e  
spread : 9.9288 e  
created : 2023-08-21T15:37:15

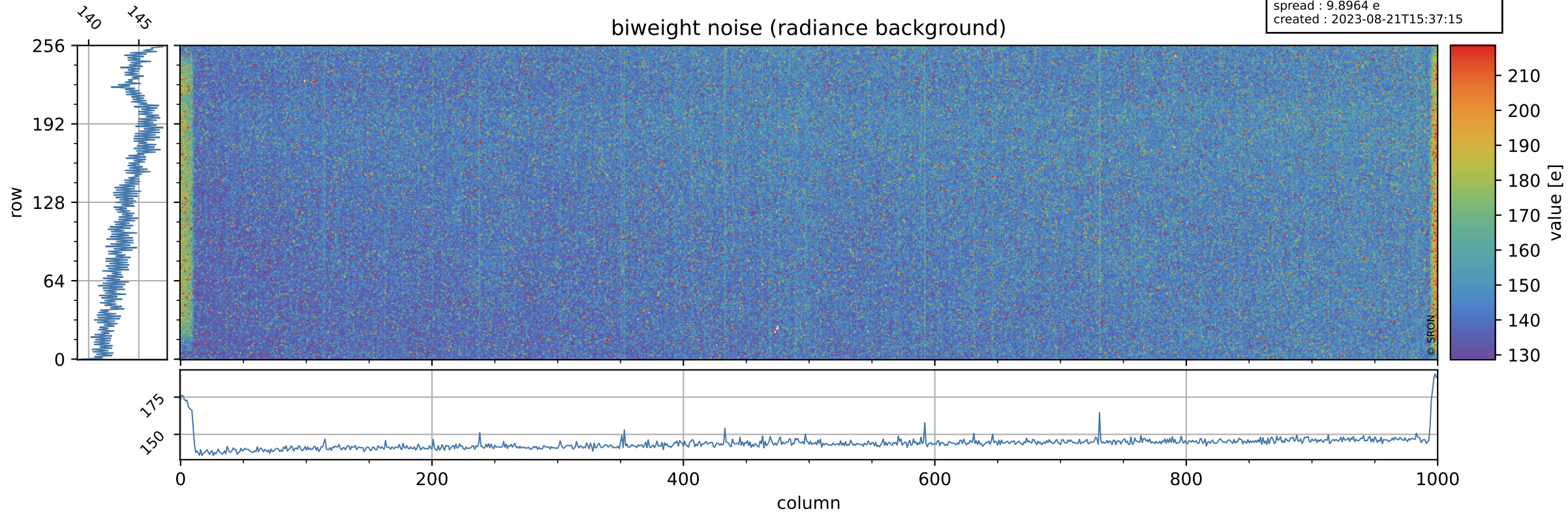
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 9.8964 e  
created : 2023-08-21T15:37:15

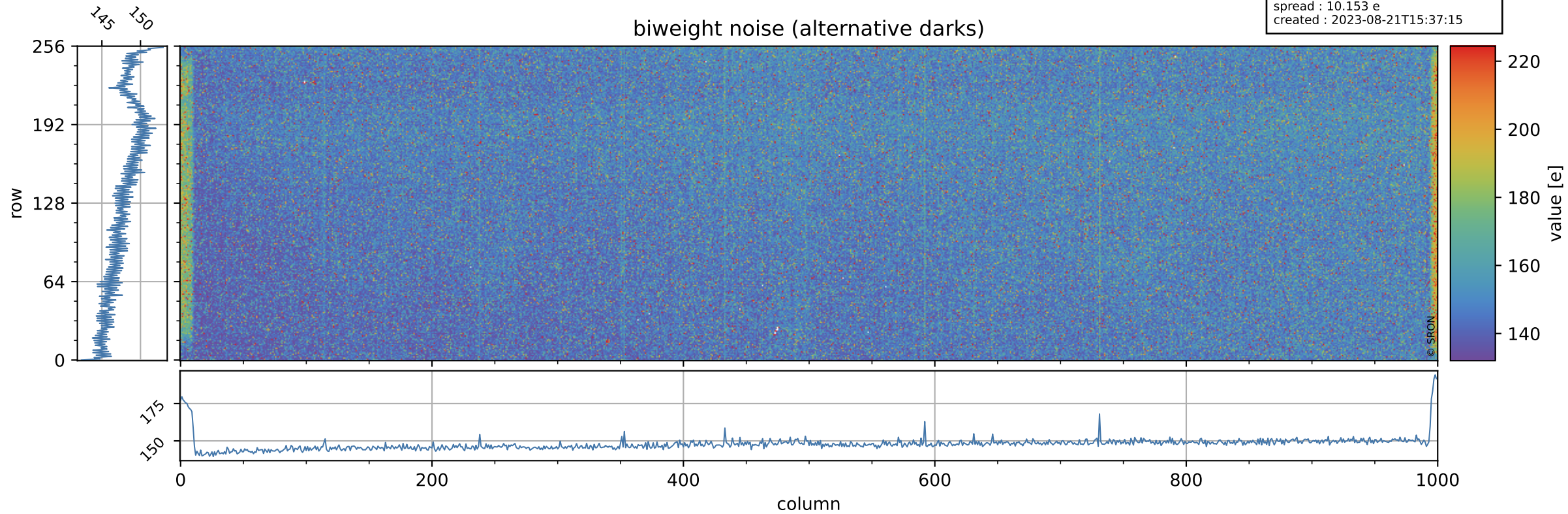
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.68 e  
spread : 10.153 e  
created : 2023-08-21T15:37:15

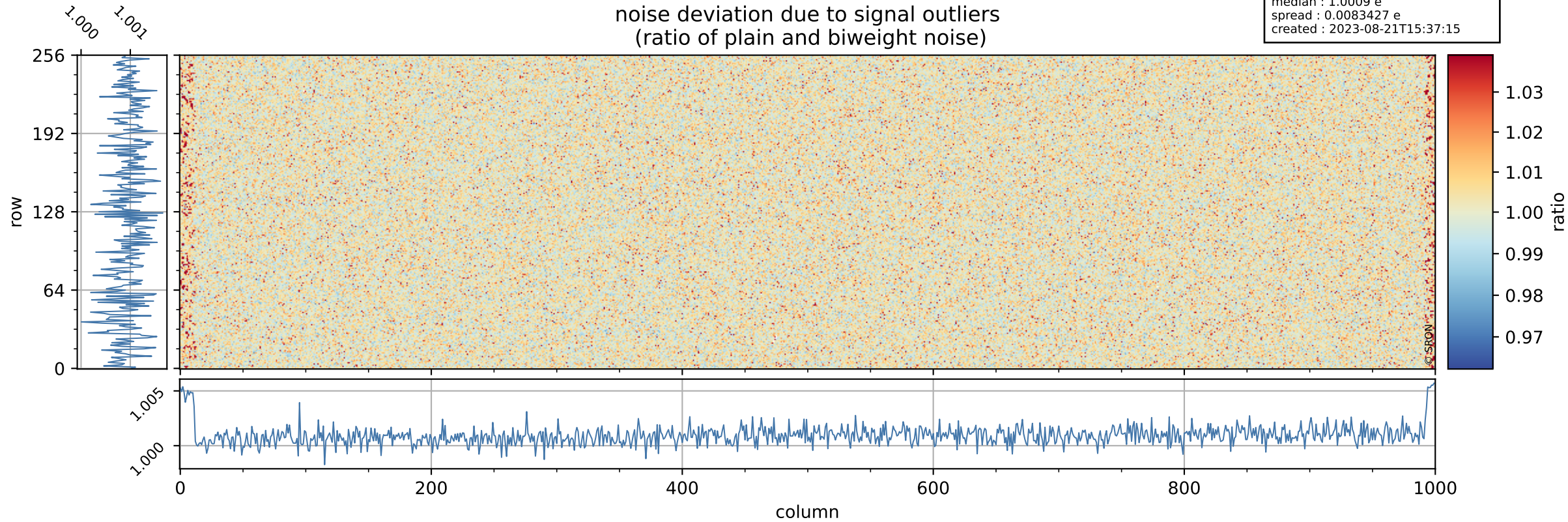
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

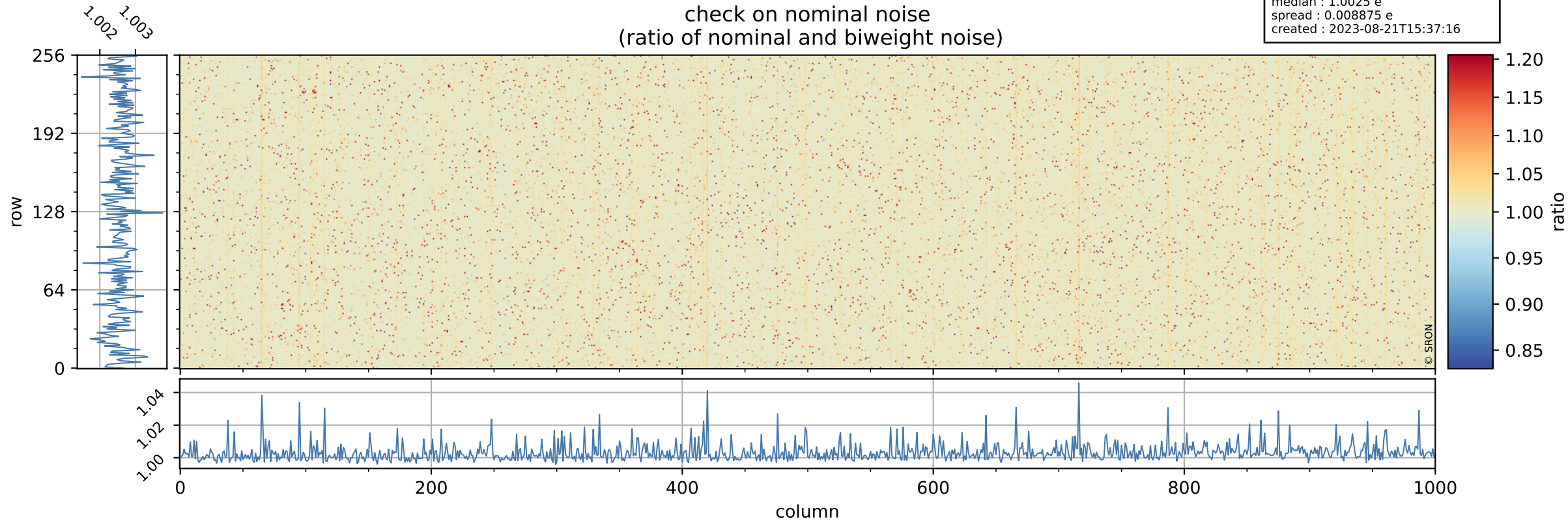
orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
median : 1.0009 e  
spread : 0.0083427 e  
created : 2023-08-21T15:37:15



# Tropomi SWIR background noise (swir)

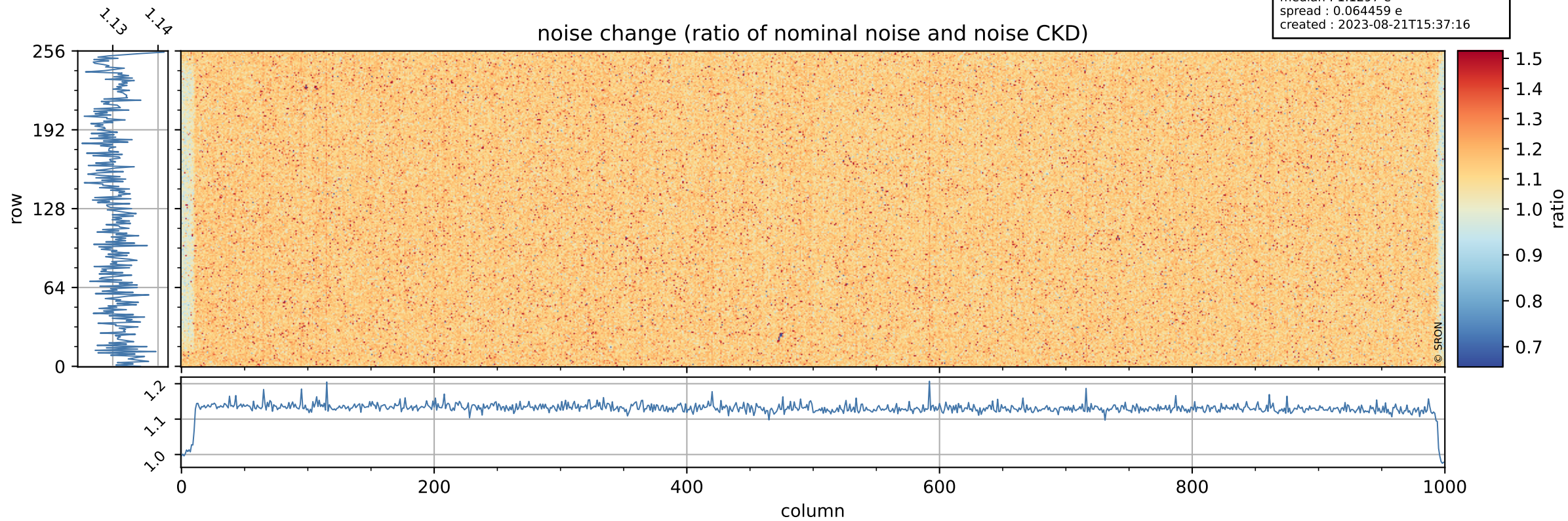
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
median : 1.0025 e  
spread : 0.008875 e  
created : 2023-08-21T15:37:16



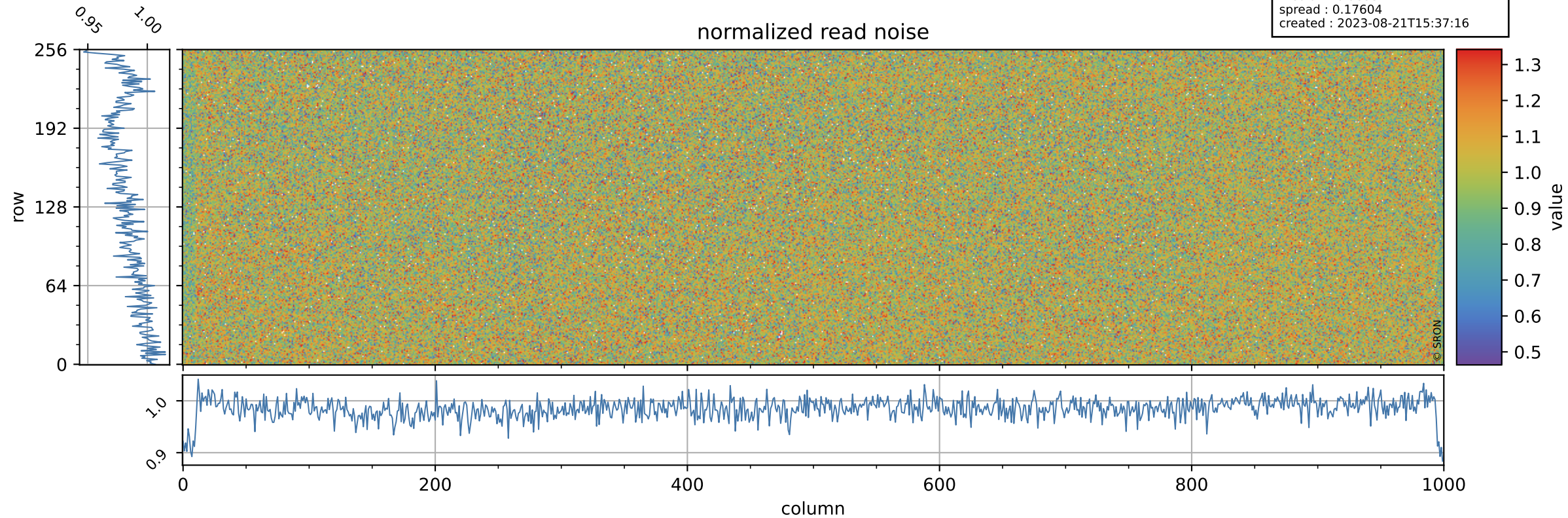
# Tropomi SWIR background noise (swir)

orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
median : 1.1297 e  
spread : 0.064459 e  
created : 2023-08-21T15:37:16



# Tropomi SWIR background noise (swir)

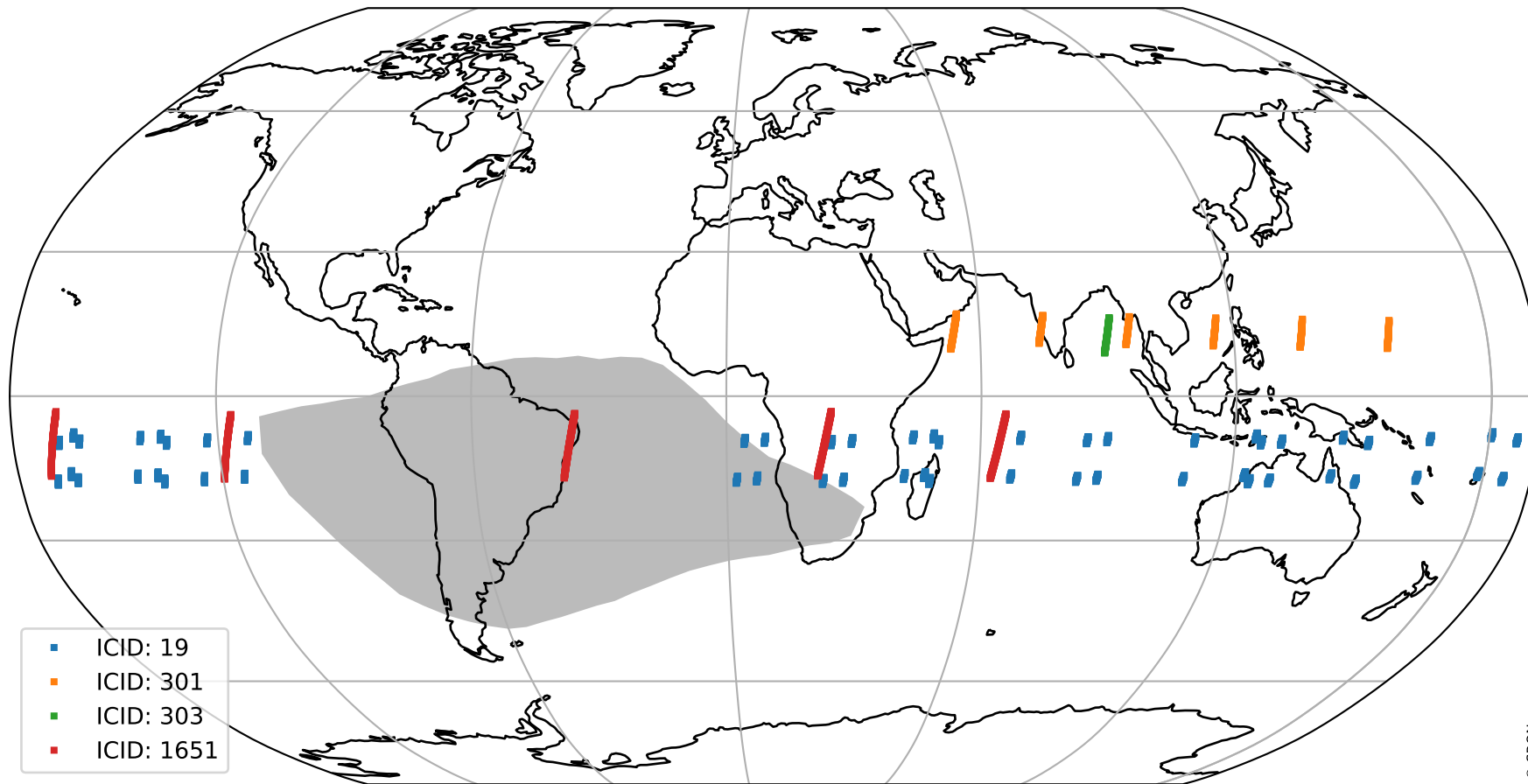
orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
median : 0.98331  
spread : 0.17604  
created : 2023-08-21T15:37:16





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

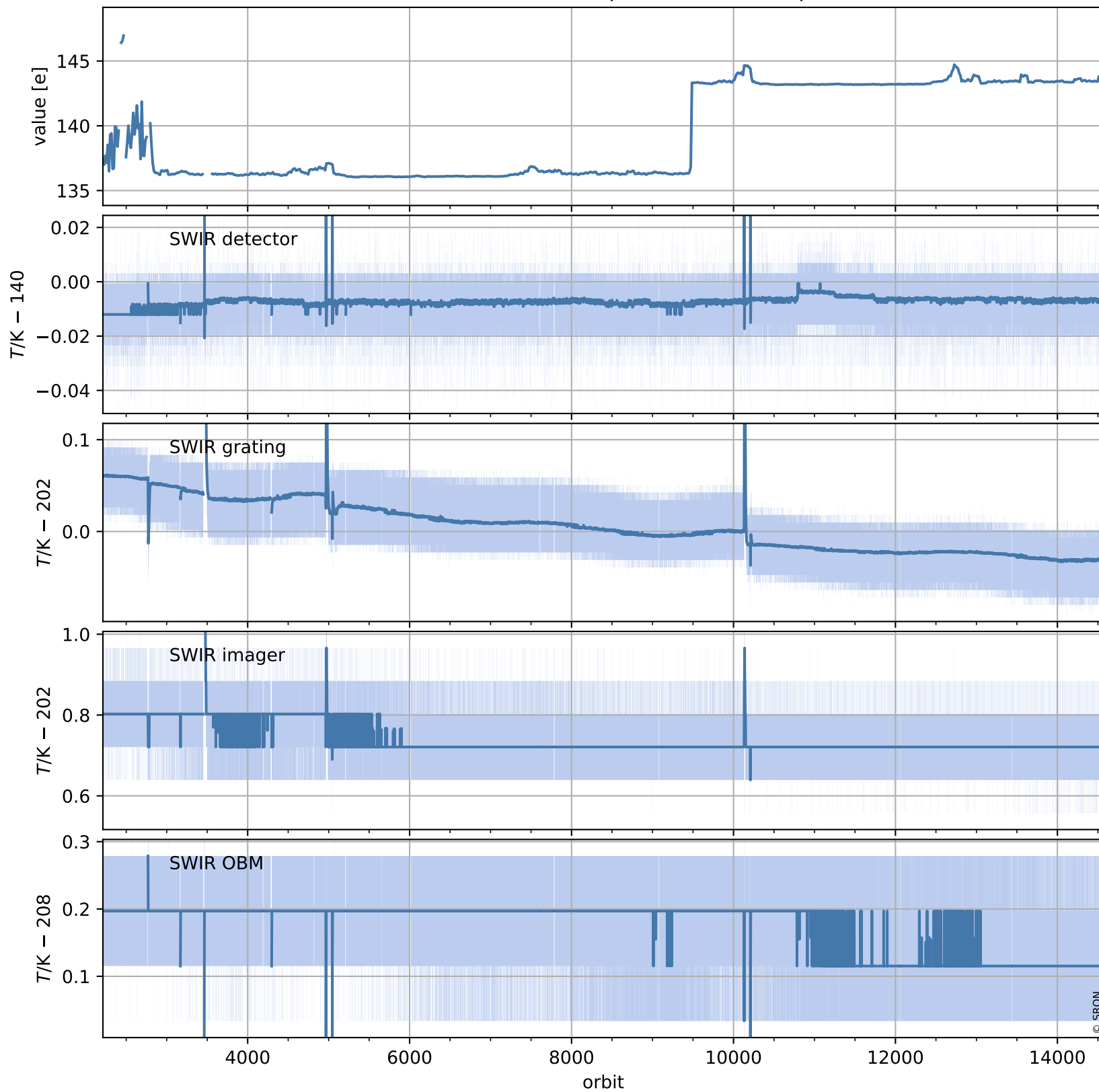
orbits : 12 in [14482, 14572]  
coverage : 2020-07-30 / 2020-08-04  
created : 2023-08-21T15:37:17



# Tropomi SWIR background noise (swir)

orbits : [2212, 14572]  
coverage : 2018-03-18 / 2020-08-04  
created : 2023-08-21T15:37:17

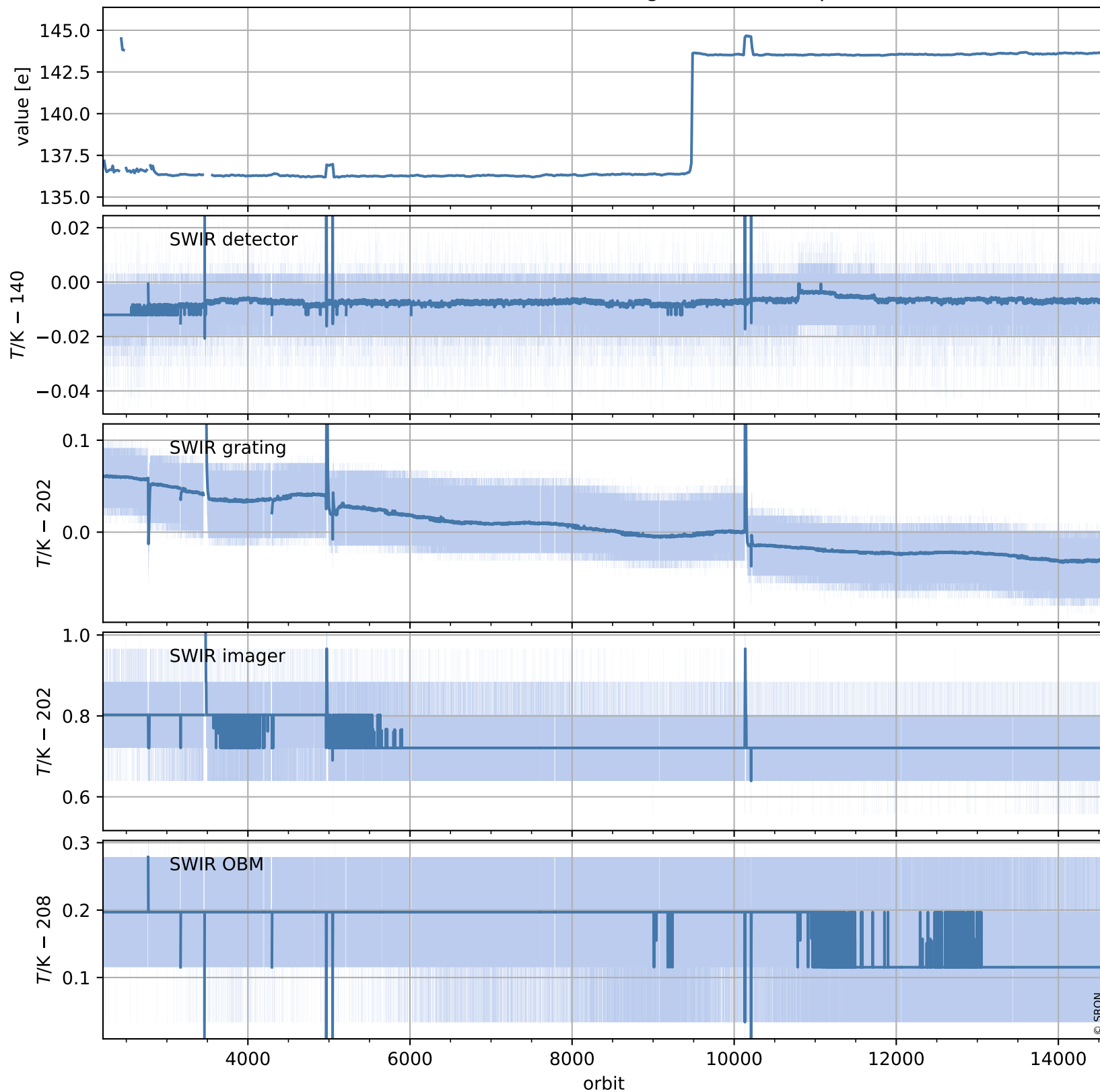
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14572]  
coverage : 2018-03-18 / 2020-08-04  
created : 2023-08-21T15:37:18

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14572]  
coverage : 2018-03-18 / 2020-08-04  
created : 2023-08-21T15:37:18

## trend of normalized read-noise & temperatures

