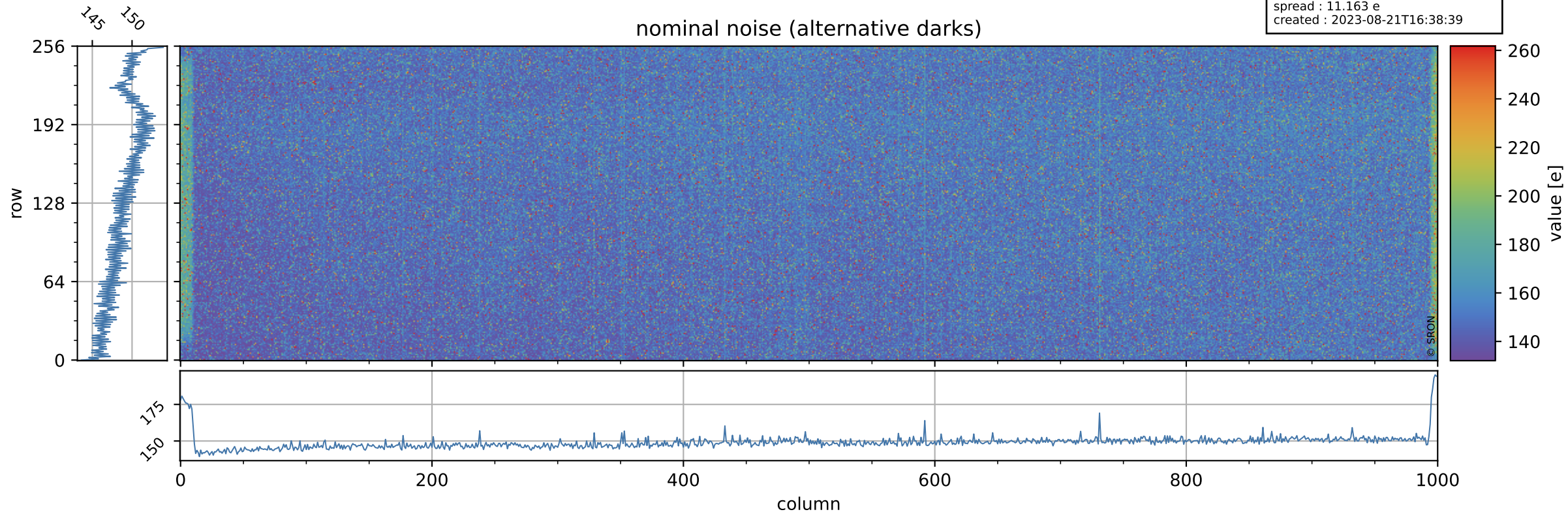


# Tropomi SWIR background noise (swir)

orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.82 e  
spread : 11.163 e  
created : 2023-08-21T16:38:39

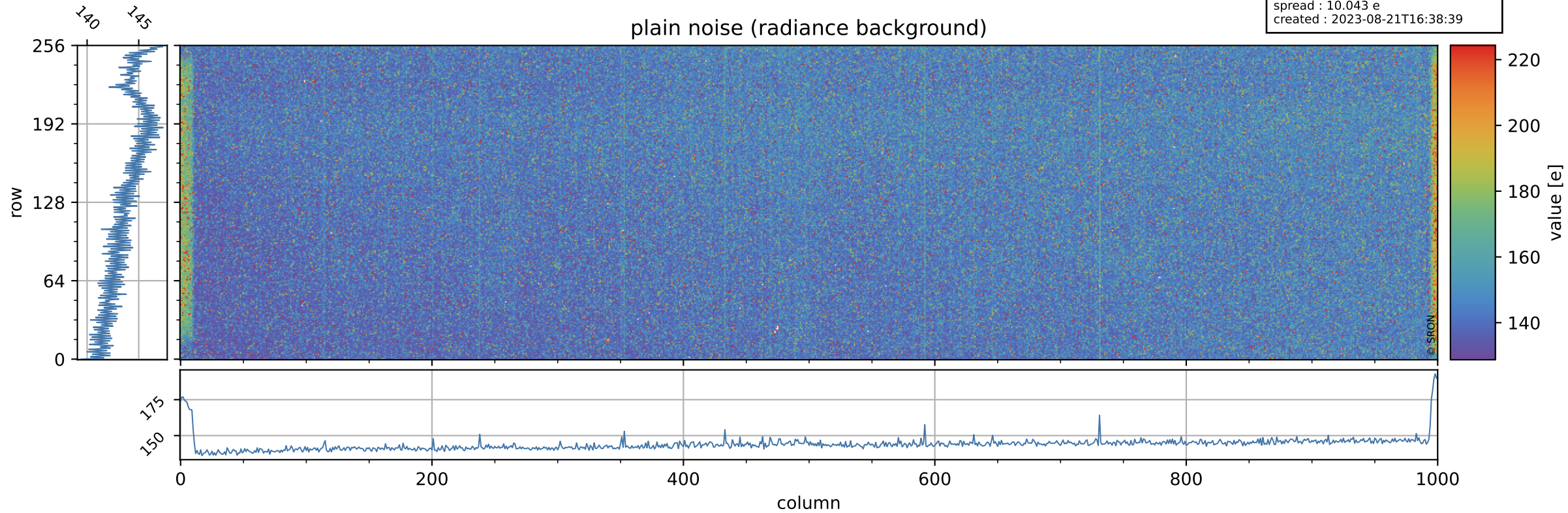
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.69 e  
spread : 10.043 e  
created : 2023-08-21T16:38:39

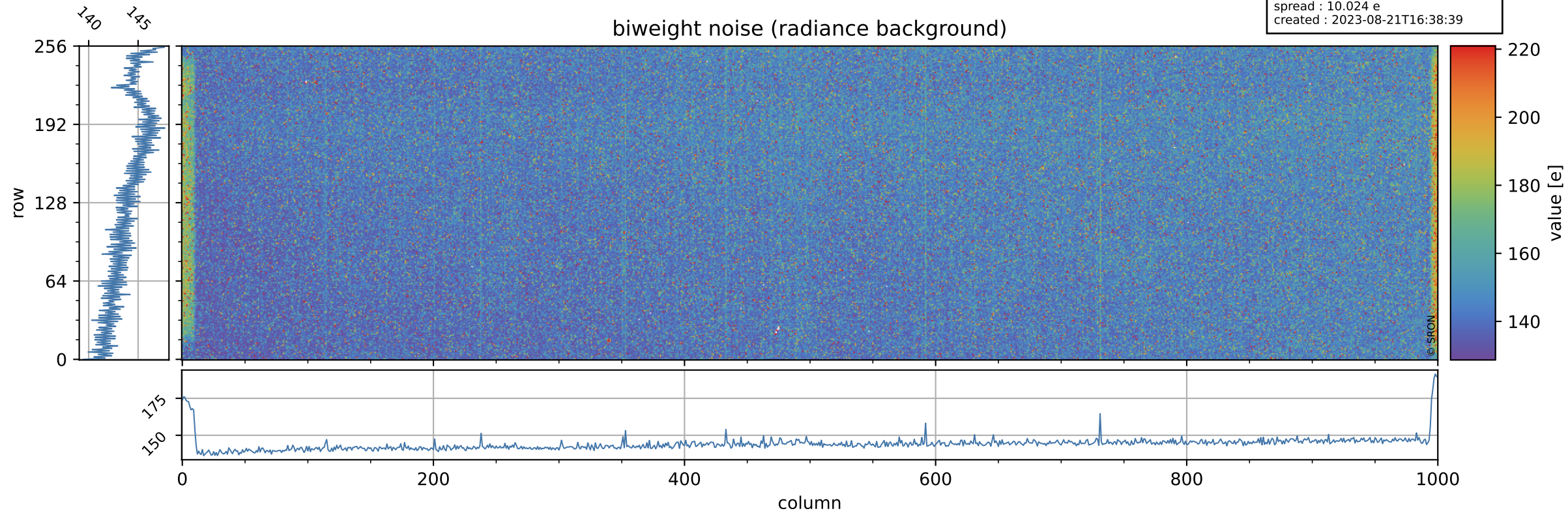
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 10.024 e  
created : 2023-08-21T16:38:39

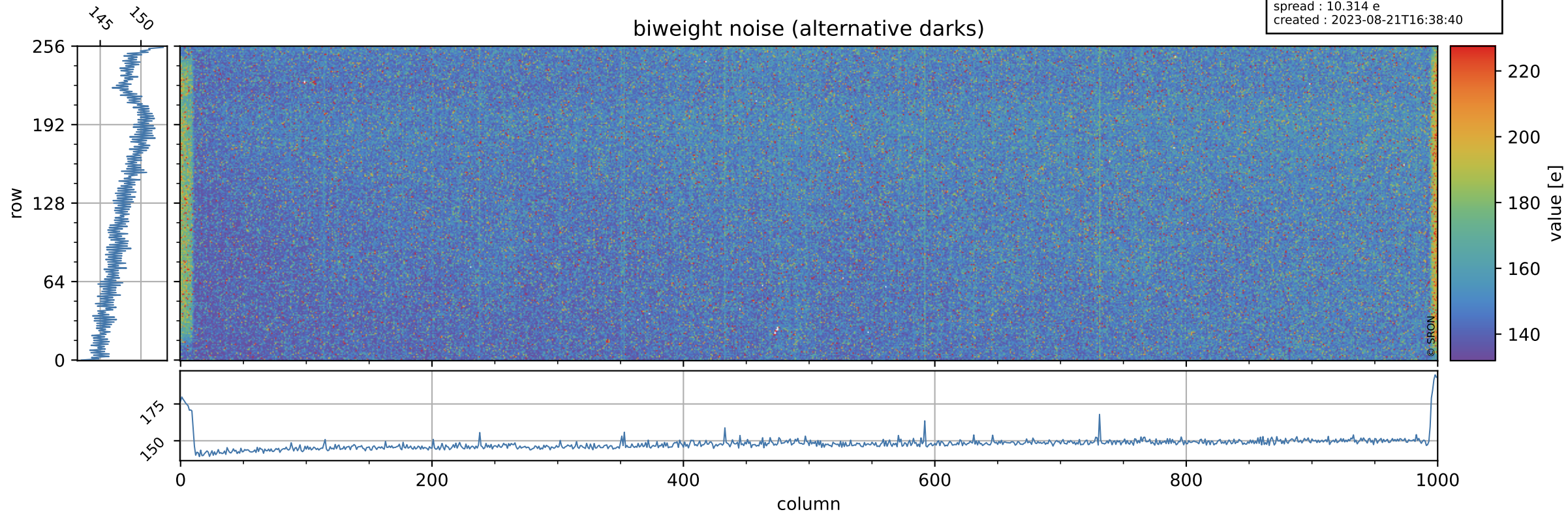
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.314 e  
created : 2023-08-21T16:38:40

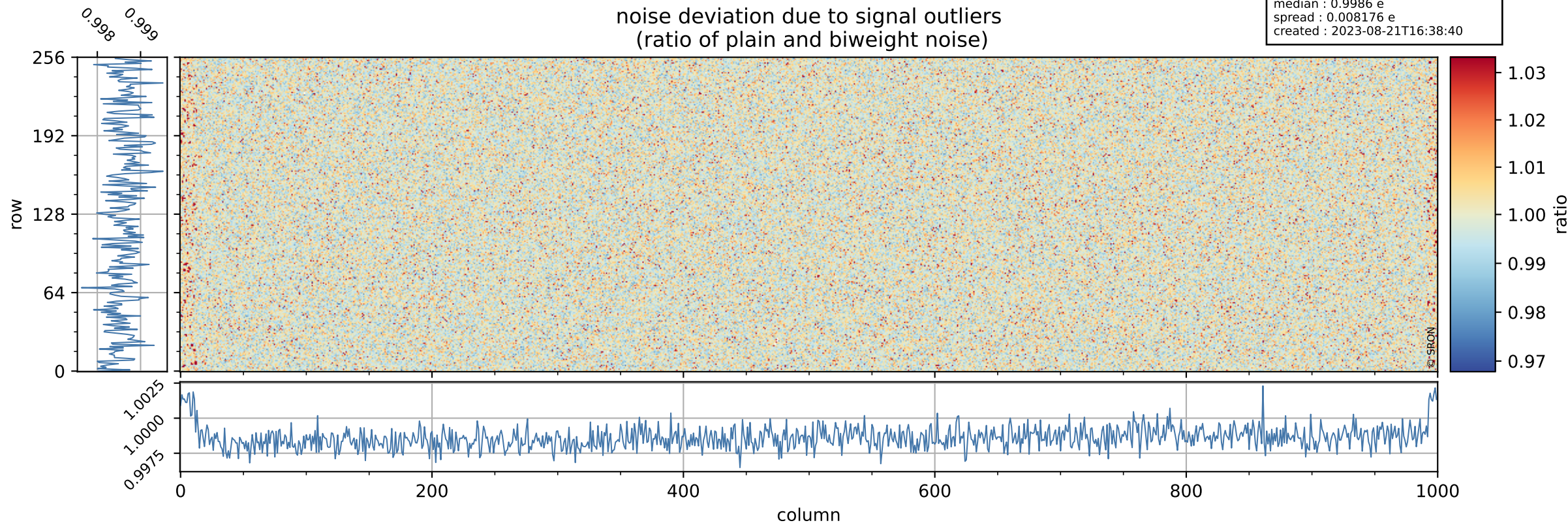
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

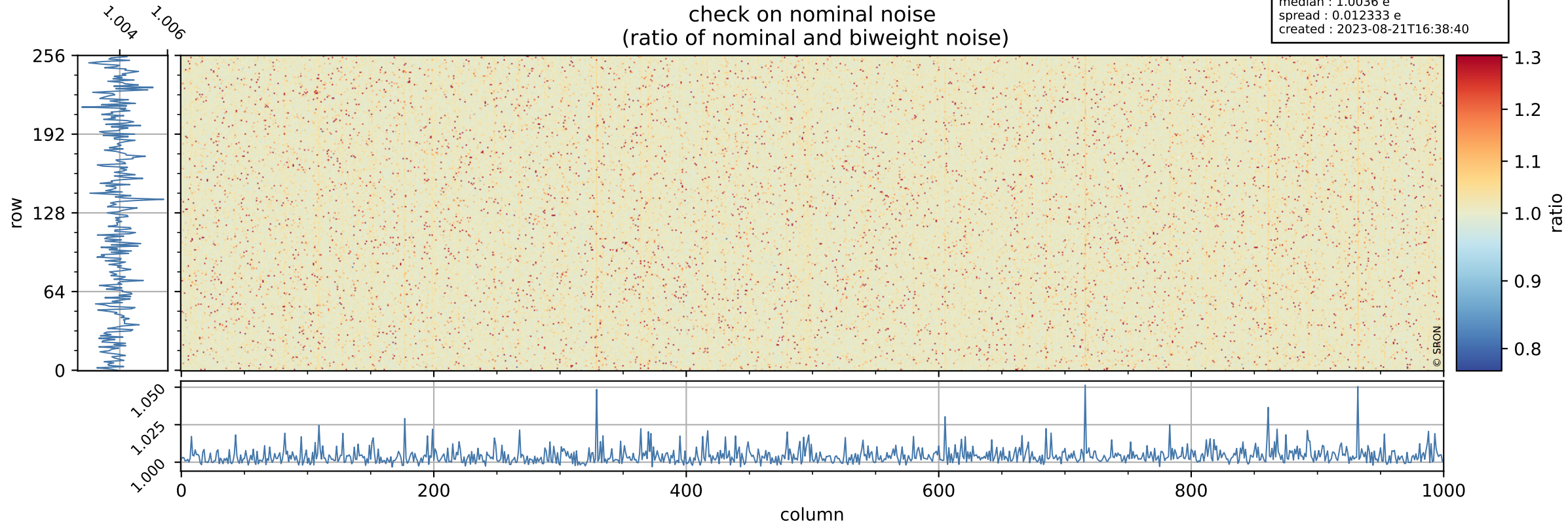
orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
median : 0.9986 e  
spread : 0.008176 e  
created : 2023-08-21T16:38:40



# Tropomi SWIR background noise (swir)

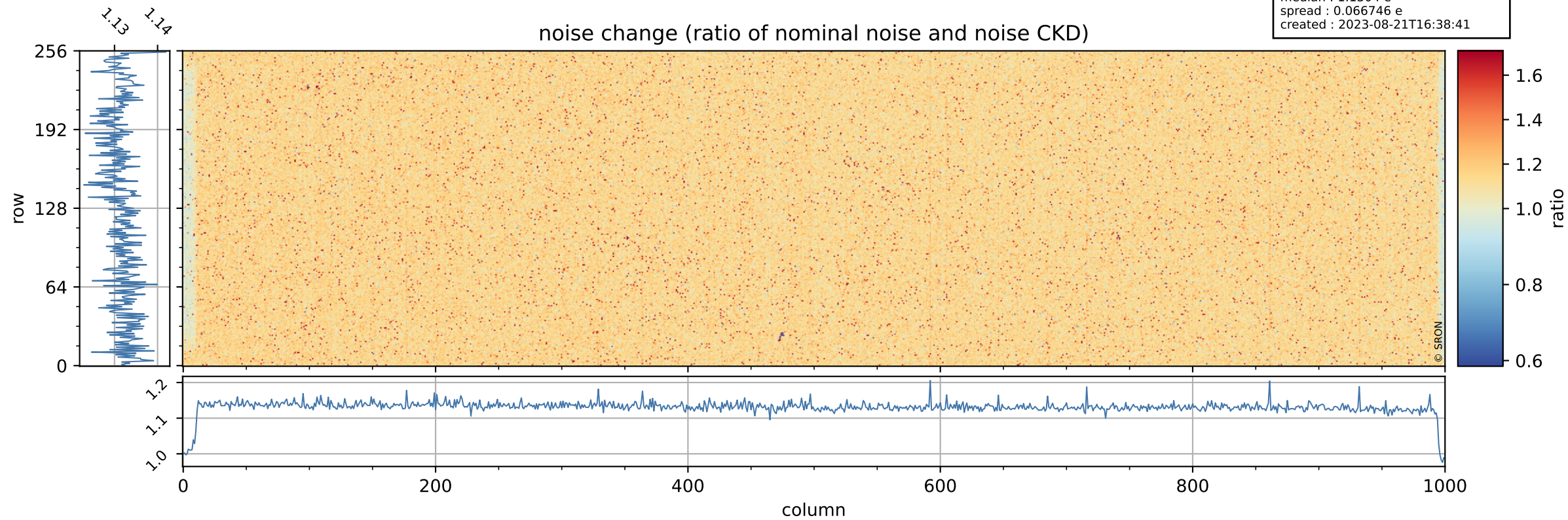
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
median : 1.0036 e  
spread : 0.012333 e  
created : 2023-08-21T16:38:40



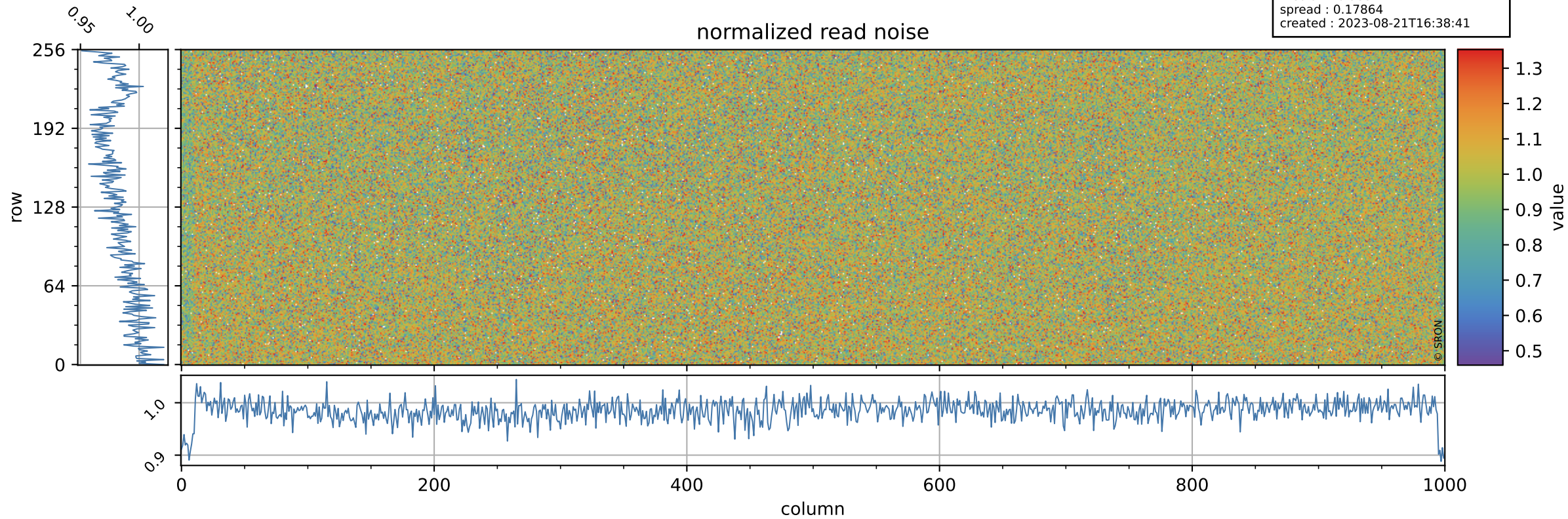
# Tropomi SWIR background noise (swir)

orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
median : 1.1304 e  
spread : 0.066746 e  
created : 2023-08-21T16:38:41



# Tropomi SWIR background noise (swir)

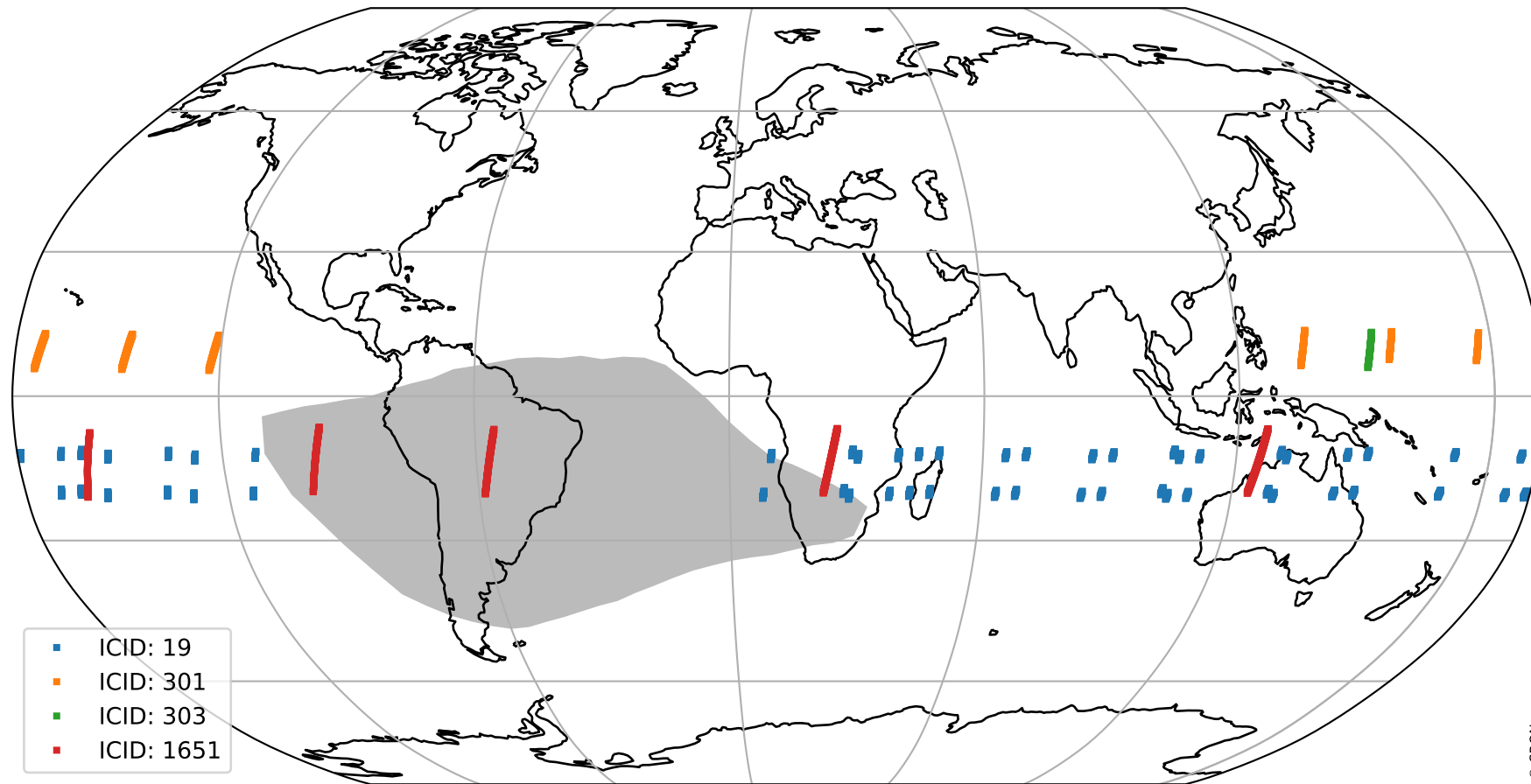
orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
median : 0.9834  
spread : 0.17864  
created : 2023-08-21T16:38:41





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

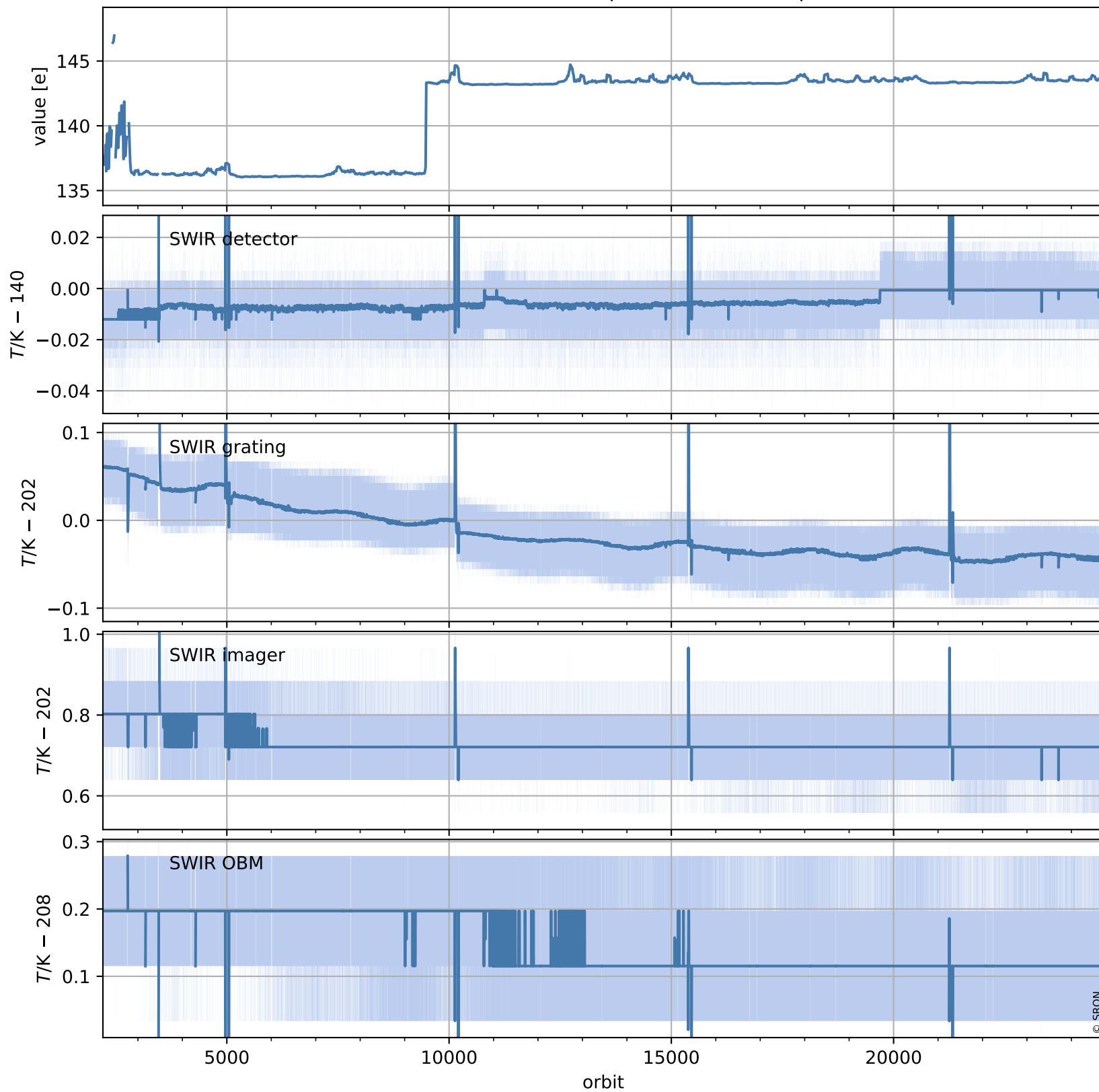
orbits : 12 in [24637, 24727]  
coverage : 2022-07-16 / 2022-07-22  
created : 2023-08-21T16:38:41



# Tropomi SWIR background noise (swir)

orbits : [2212, 24727]  
coverage : 2018-03-18 / 2022-07-22  
created : 2023-08-21T16:38:42

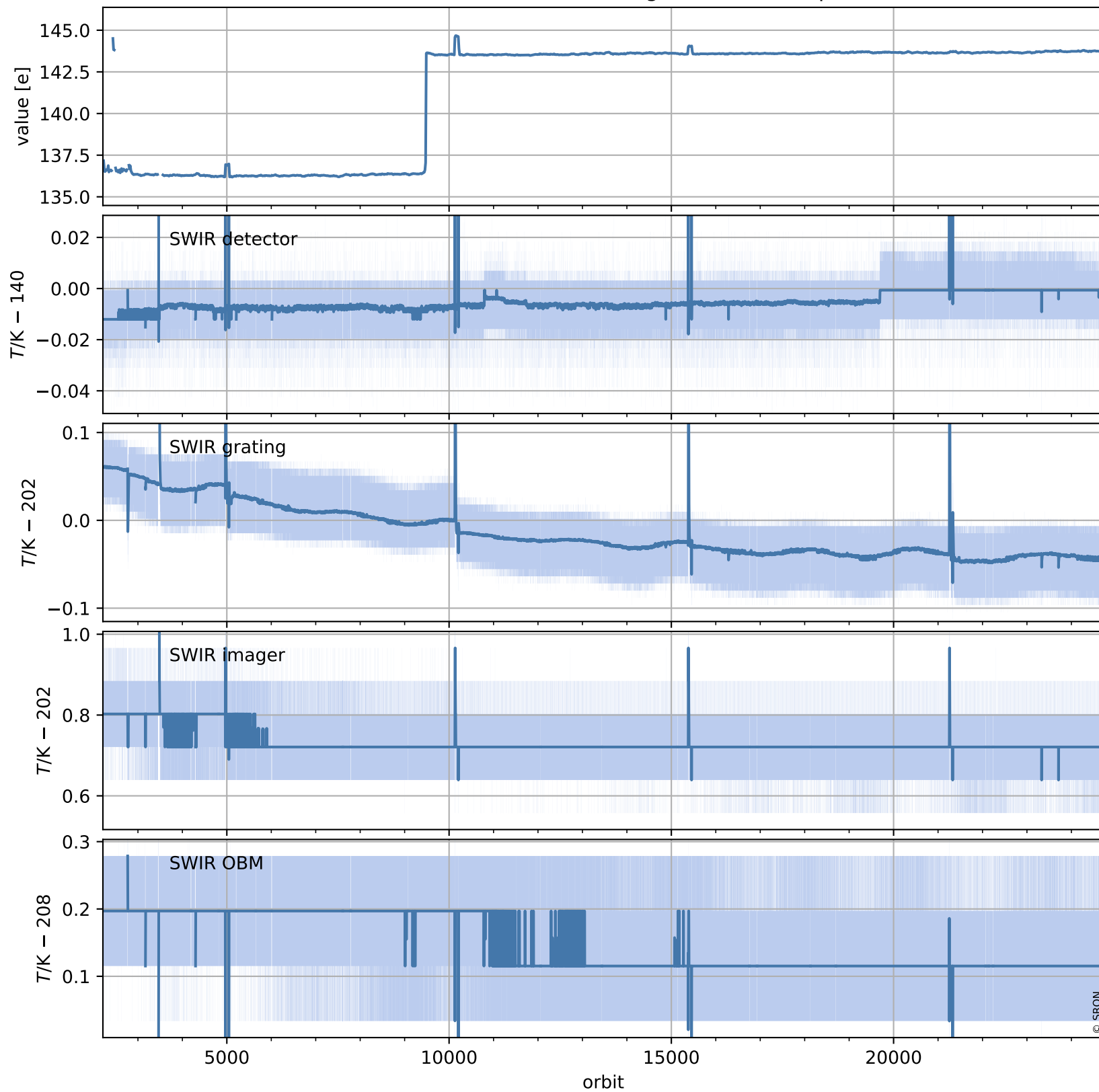
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24727]  
coverage : 2018-03-18 / 2022-07-22  
created : 2023-08-21T16:38:42

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24727]  
coverage : 2018-03-18 / 2022-07-22  
created : 2023-08-21T16:38:43

## trend of normalized read-noise & temperatures

