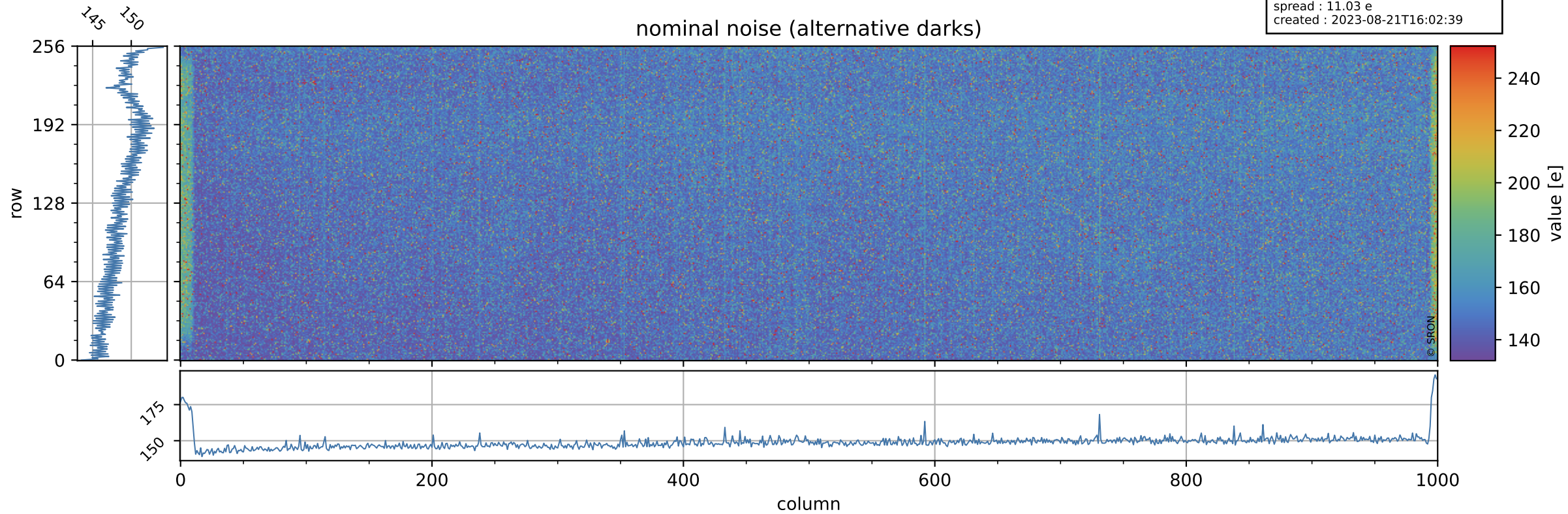


# Tropomi SWIR background noise (swir)

orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.64 e  
spread : 11.03 e  
created : 2023-08-21T16:02:39

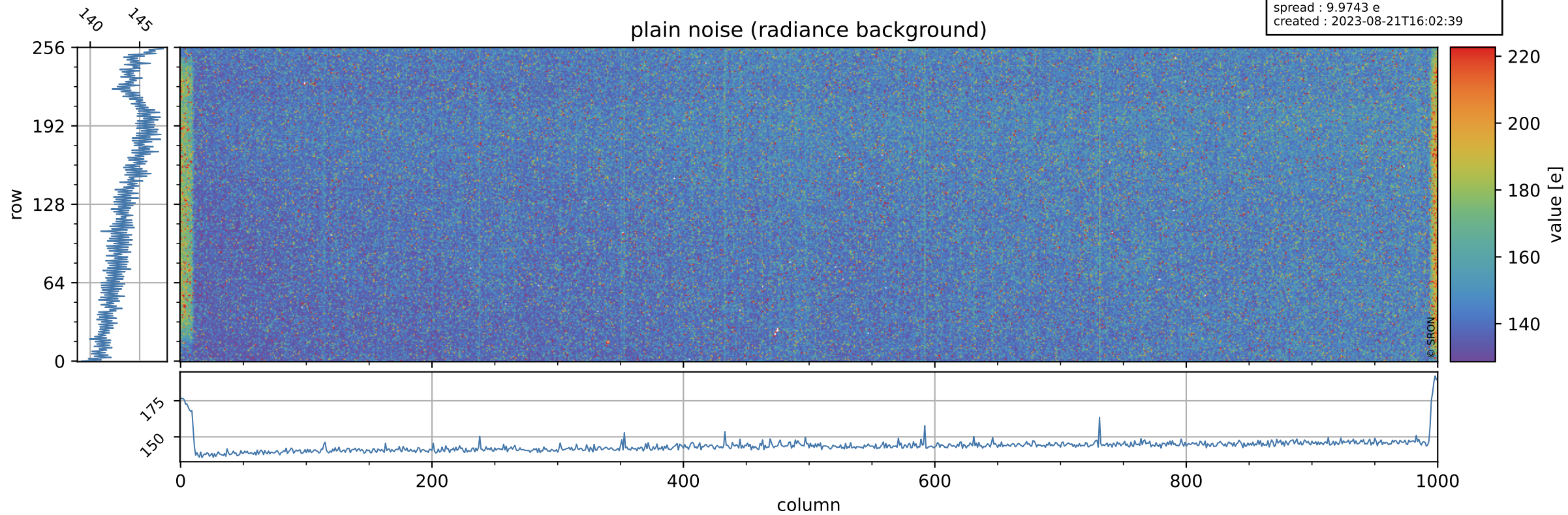
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.9743 e  
created : 2023-08-21T16:02:39

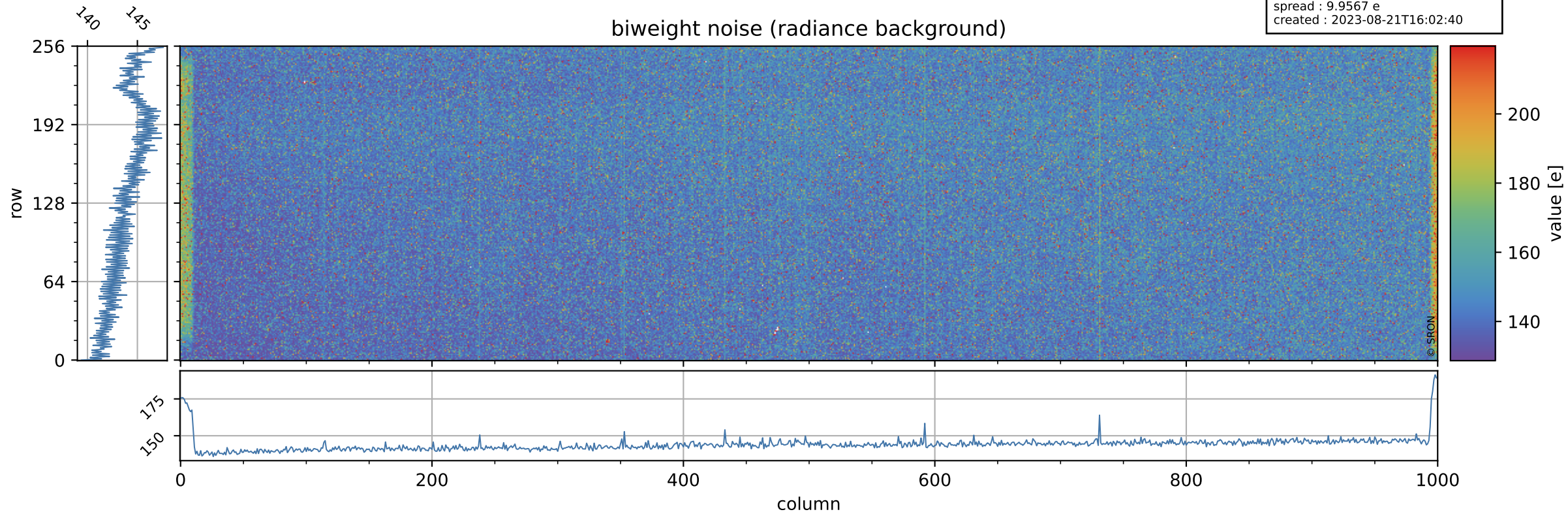
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.9567 e  
created : 2023-08-21T16:02:40

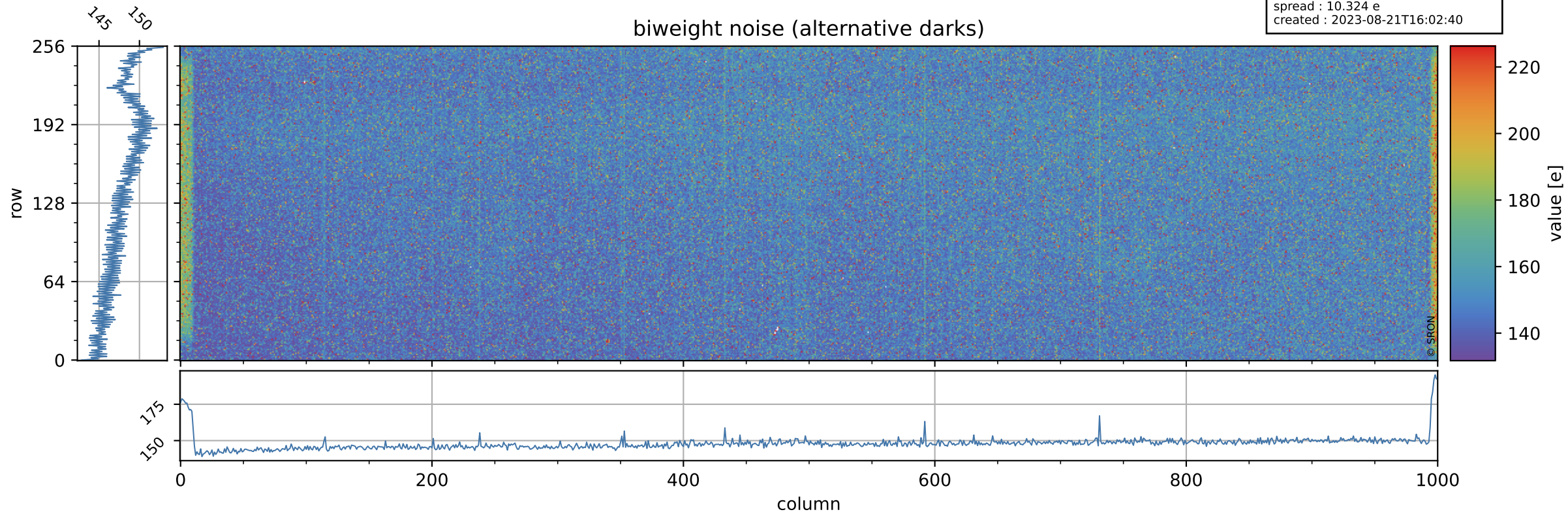
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.72 e  
spread : 10.324 e  
created : 2023-08-21T16:02:40

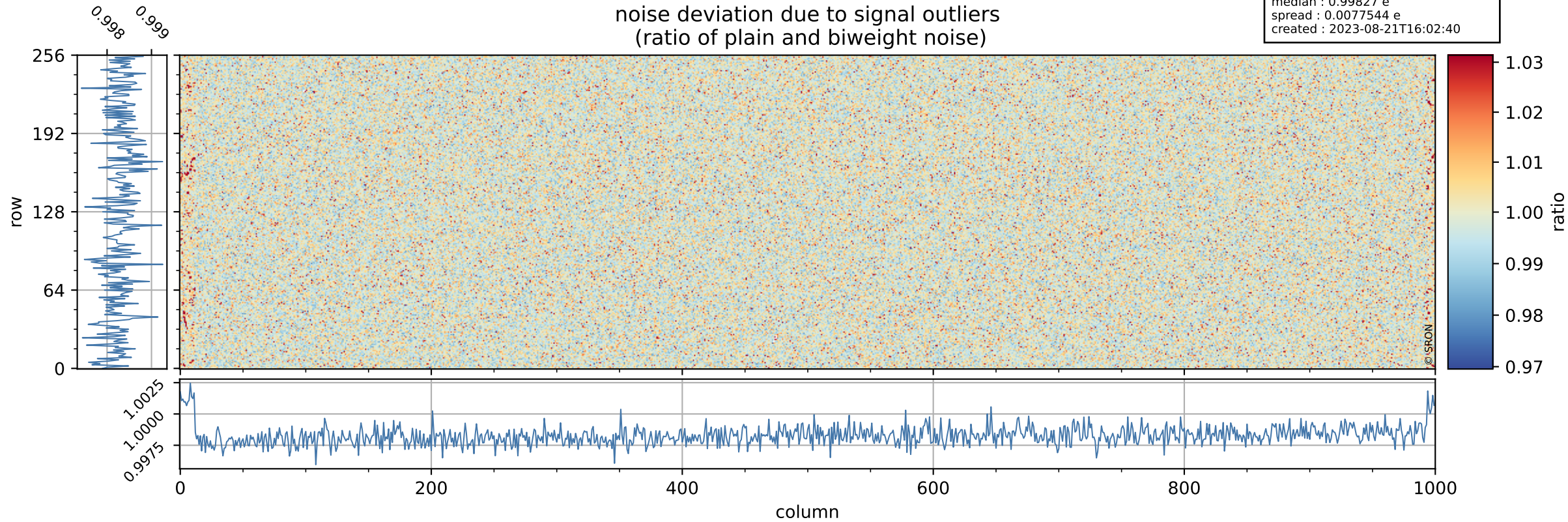
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

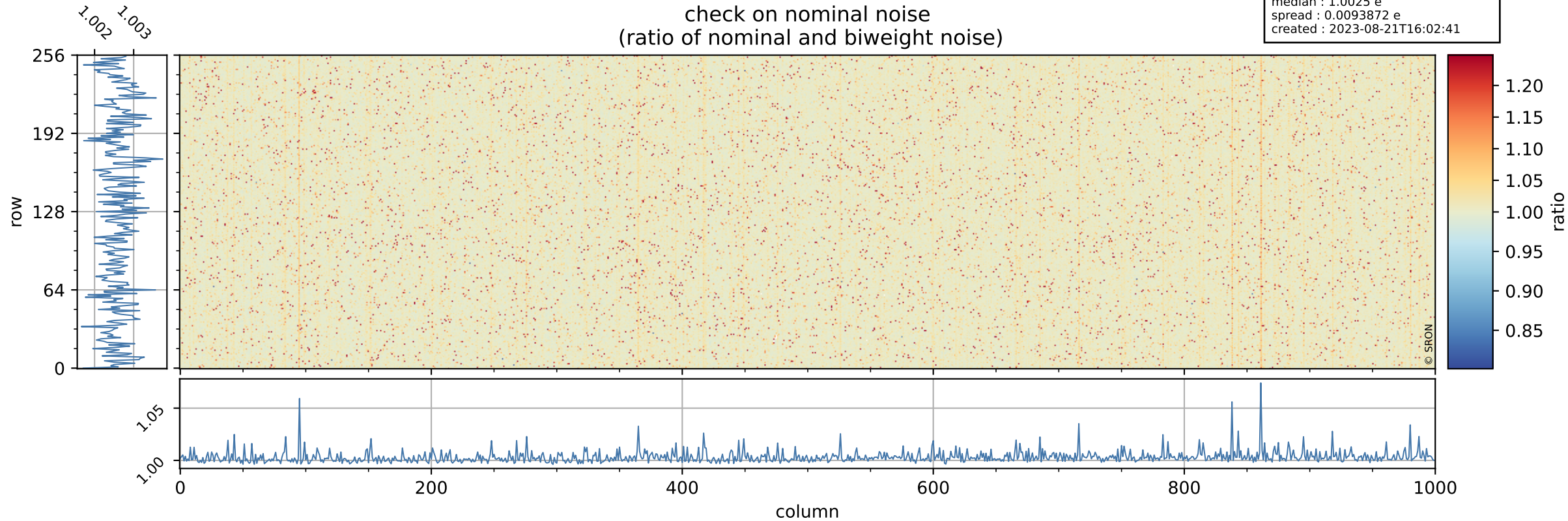
orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
median : 0.99827 e  
spread : 0.0077544 e  
created : 2023-08-21T16:02:40



# Tropomi SWIR background noise (swir)

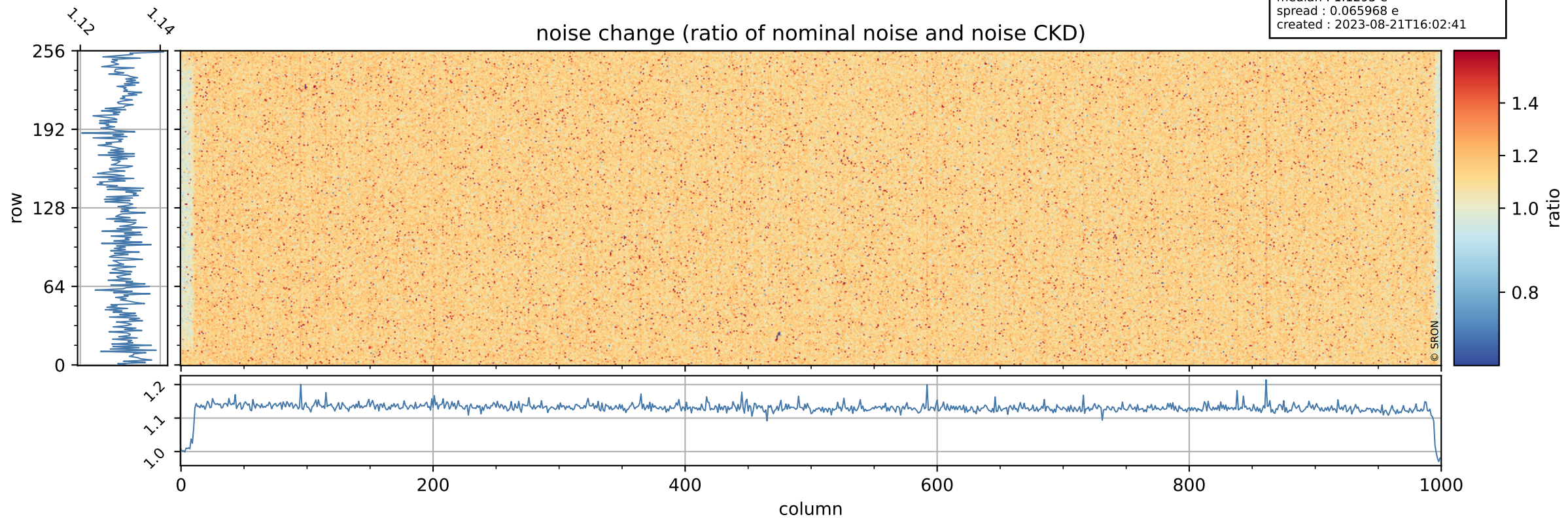
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
median : 1.0025 e  
spread : 0.0093872 e  
created : 2023-08-21T16:02:41



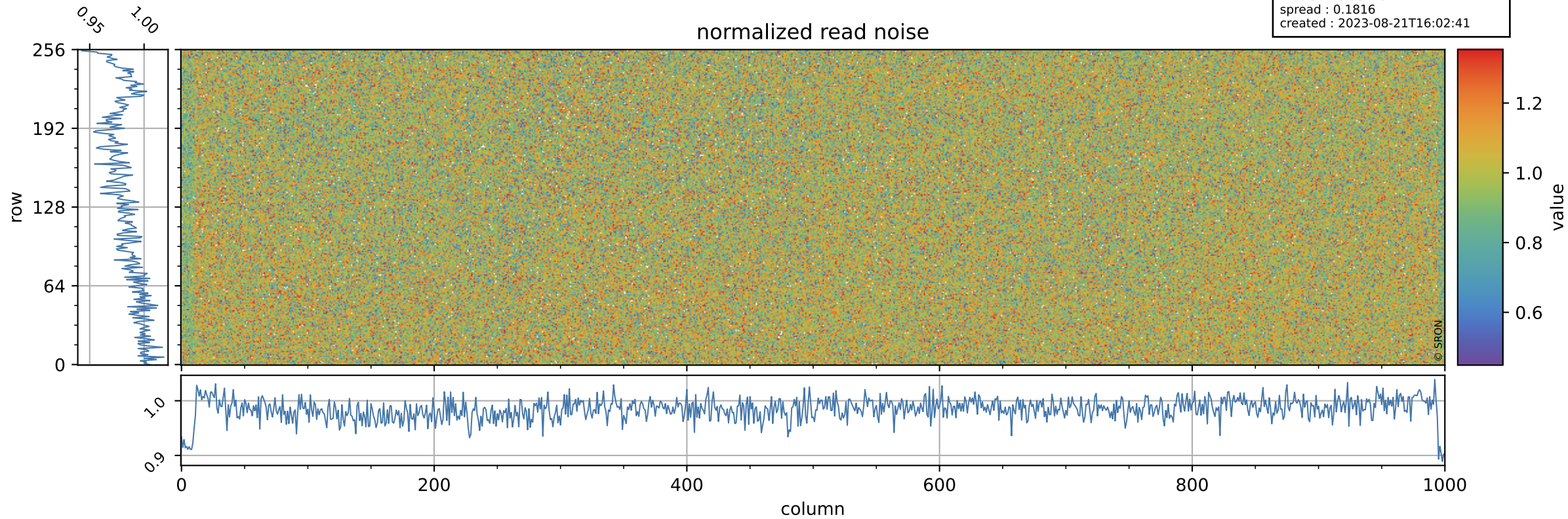
# Tropomi SWIR background noise (swir)

orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
median : 1.1295 e  
spread : 0.065968 e  
created : 2023-08-21T16:02:41



# Tropomi SWIR background noise (swir)

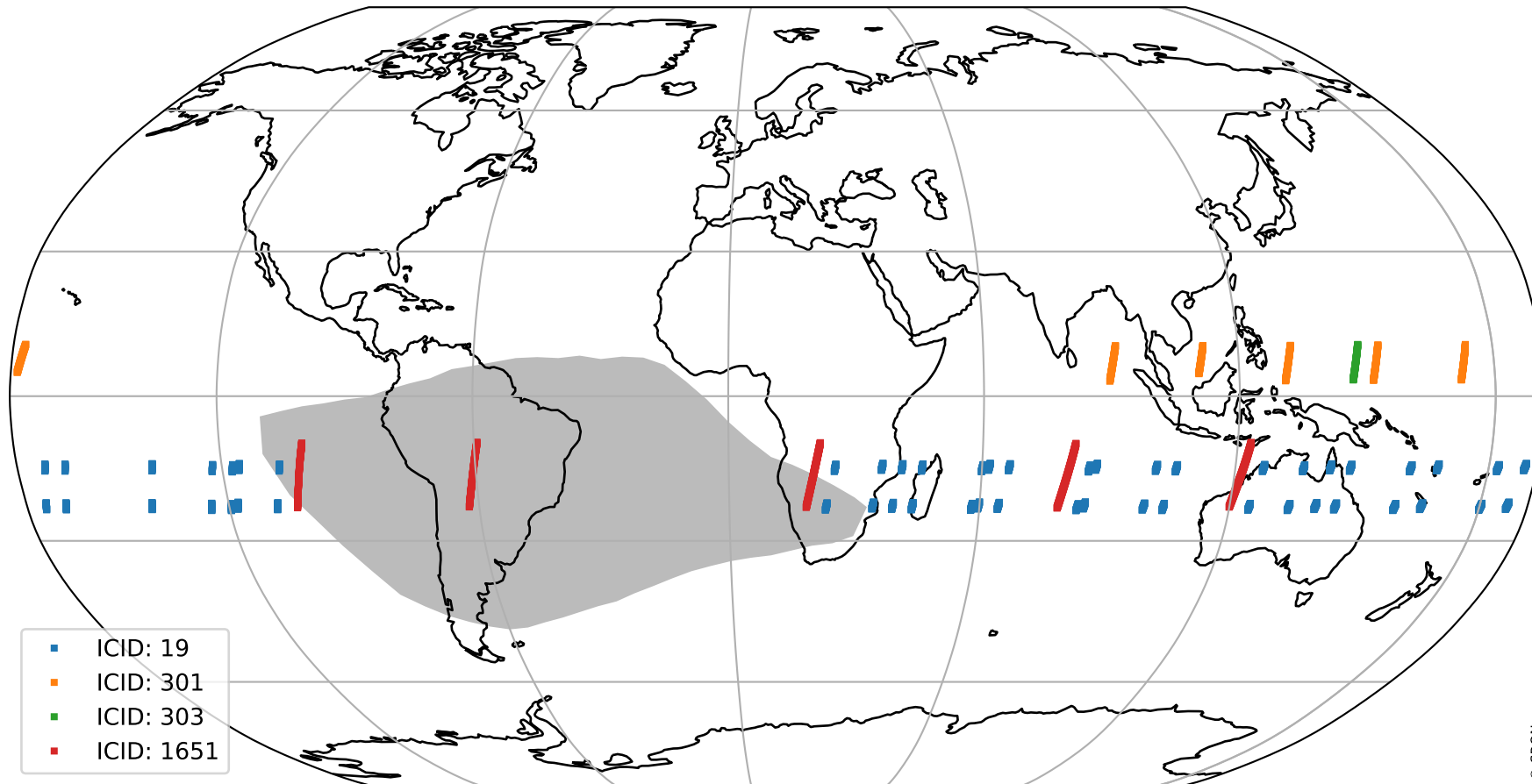
orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
median : 0.98273  
spread : 0.1816  
created : 2023-08-21T16:02:41





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

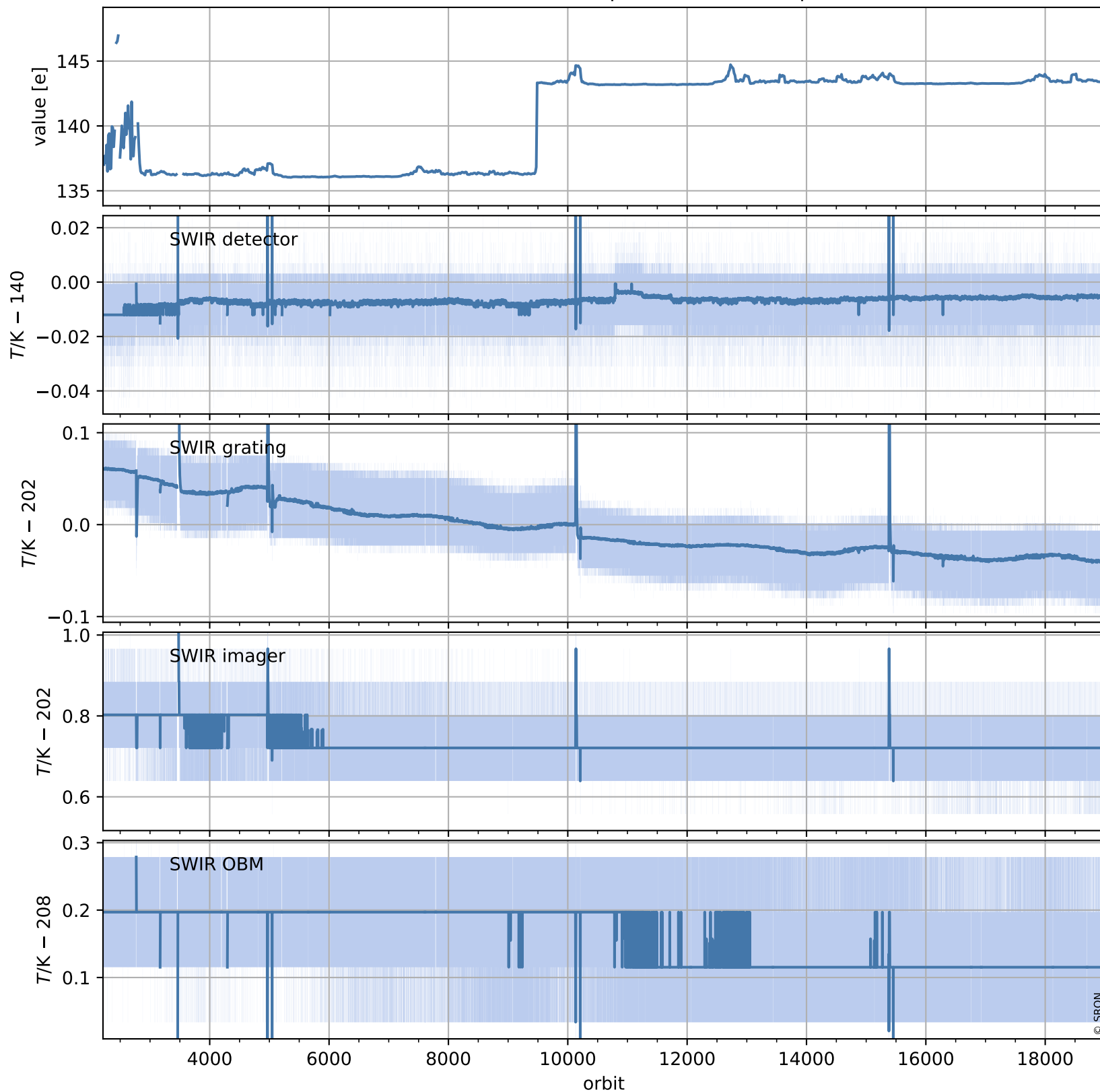
orbits : 12 in [18922, 18997]  
coverage : 2021-06-07 / 2021-06-12  
created : 2023-08-21T16:02:42



# Tropomi SWIR background noise (swir)

orbits : [2212, 18997]  
coverage : 2018-03-18 / 2021-06-12  
created : 2023-08-21T16:02:42

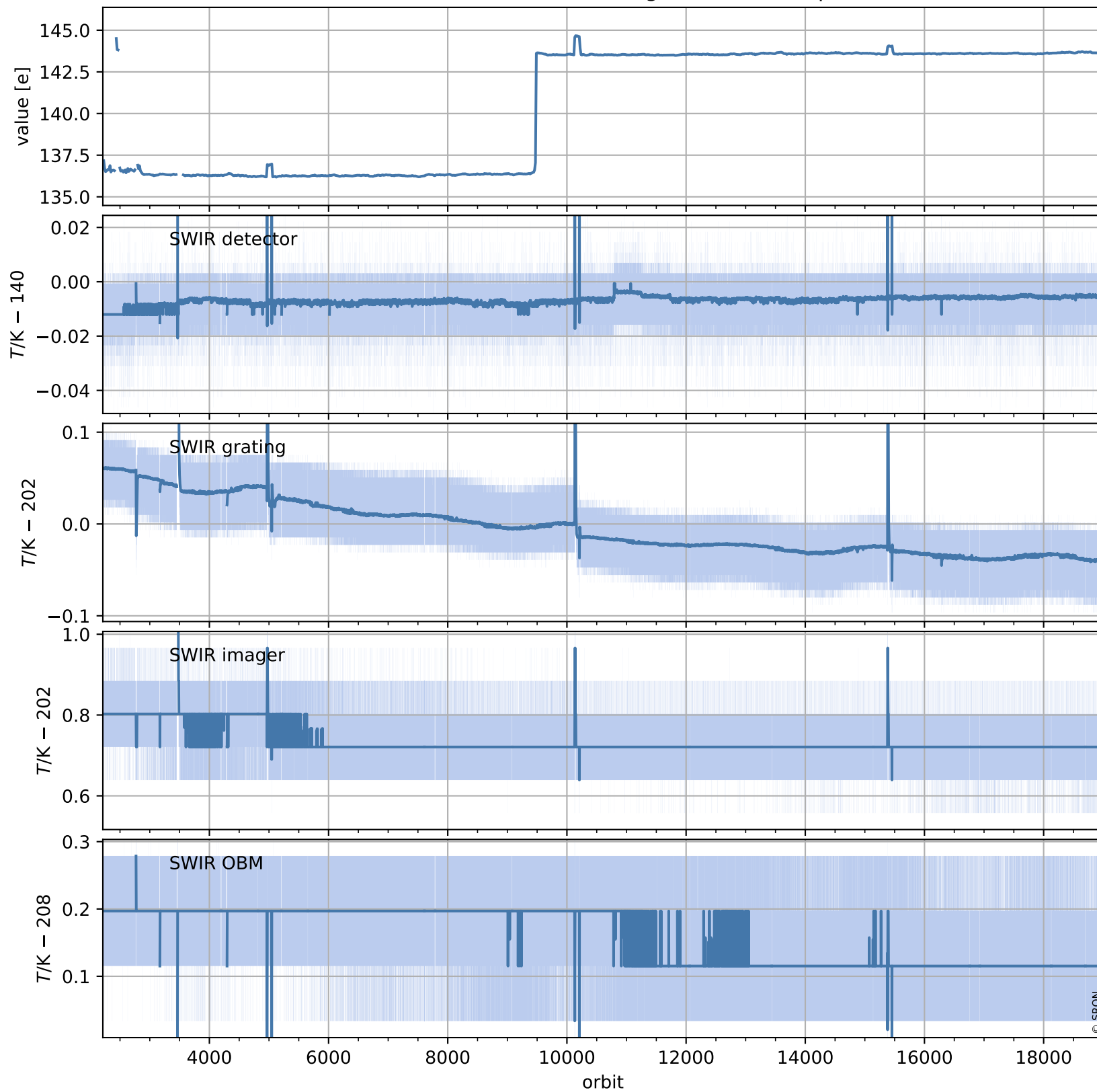
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18997]  
coverage : 2018-03-18 / 2021-06-12  
created : 2023-08-21T16:02:43

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 18997]  
coverage : 2018-03-18 / 2021-06-12  
created : 2023-08-21T16:02:43

## trend of normalized read-noise & temperatures

