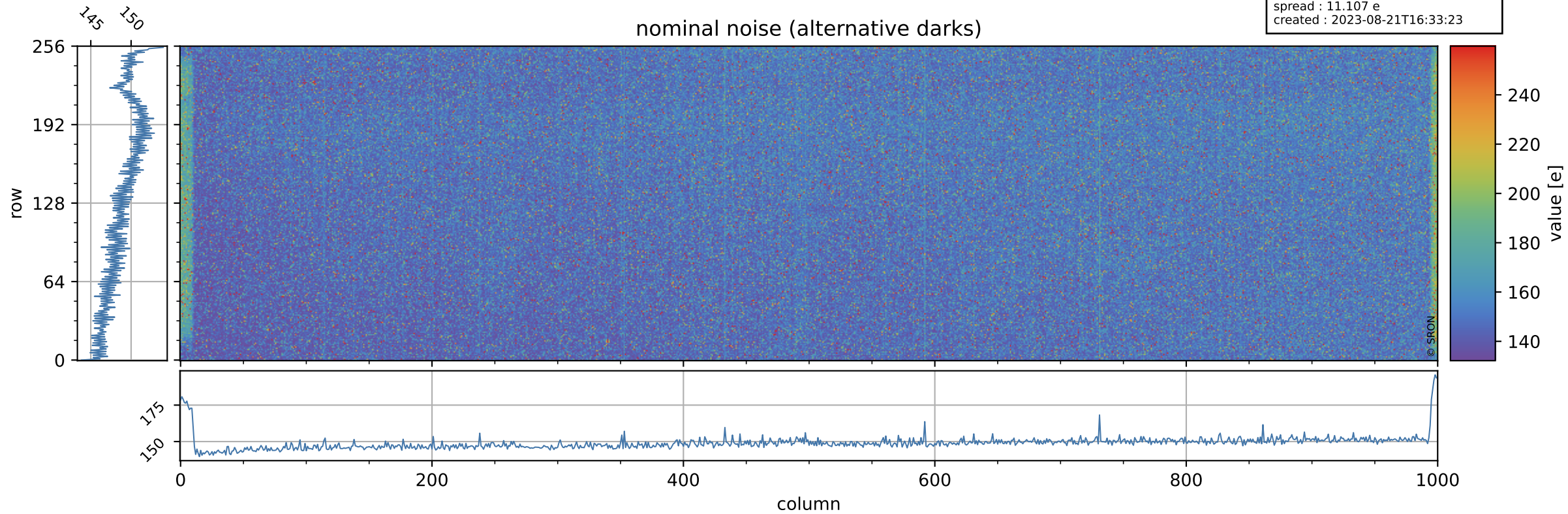


# Tropomi SWIR background noise (swir)

orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.84 e  
spread : 11.107 e  
created : 2023-08-21T16:33:23

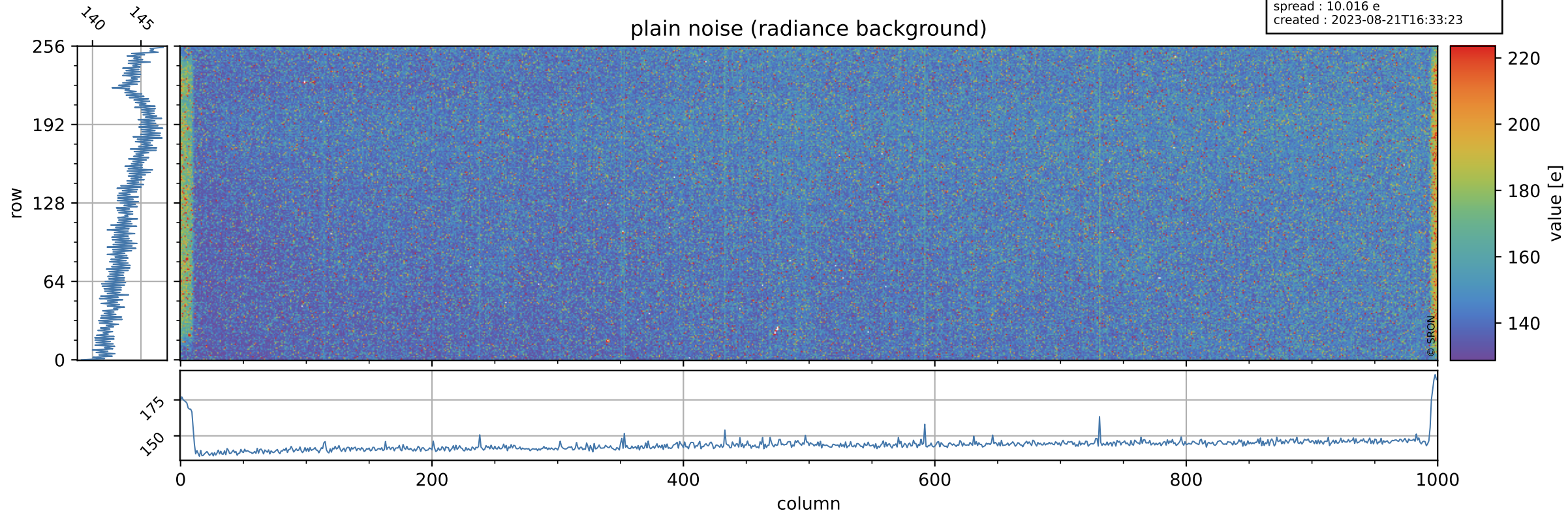
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.6 e  
spread : 10.016 e  
created : 2023-08-21T16:33:23

plain noise (radiance background)

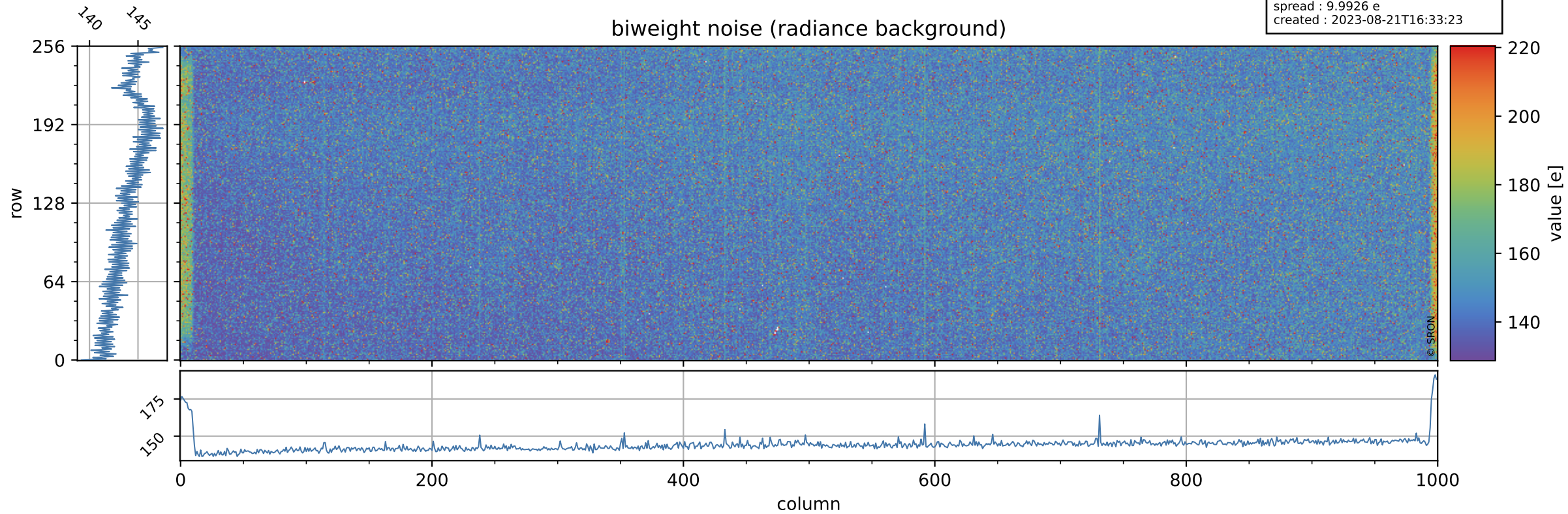




# Tropomi SWIR background noise (swir)

orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.85 e  
spread : 9.9926 e  
created : 2023-08-21T16:33:23

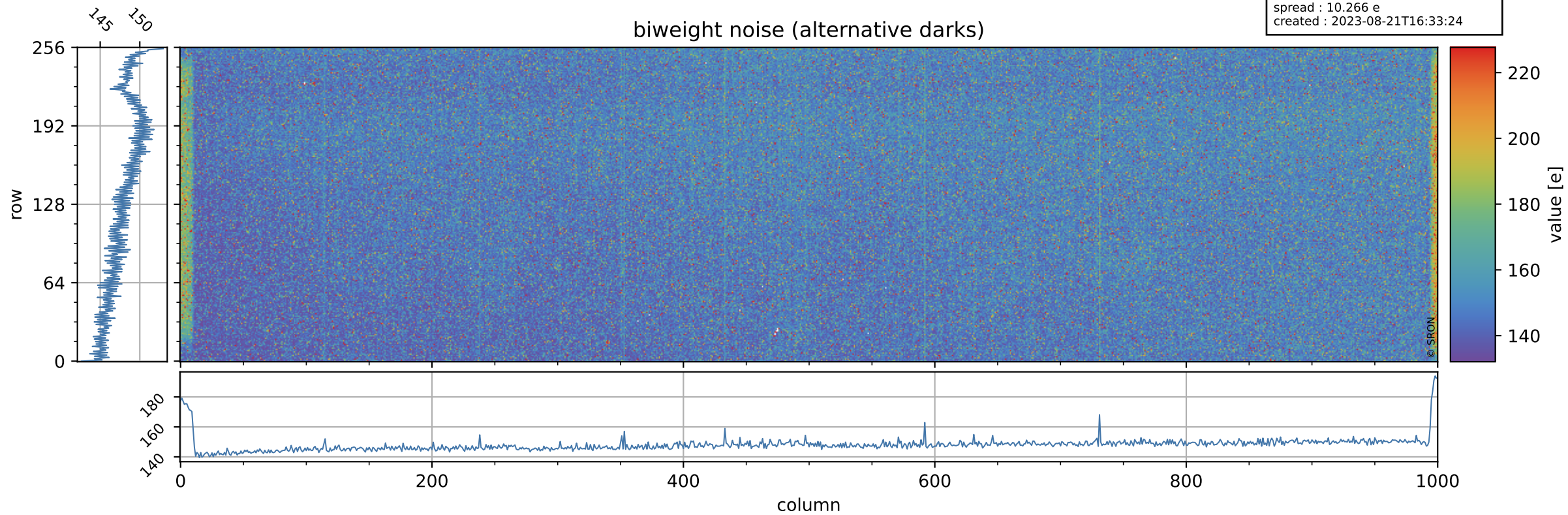
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.266 e  
created : 2023-08-21T16:33:24

## biweight noise (alternative darks)

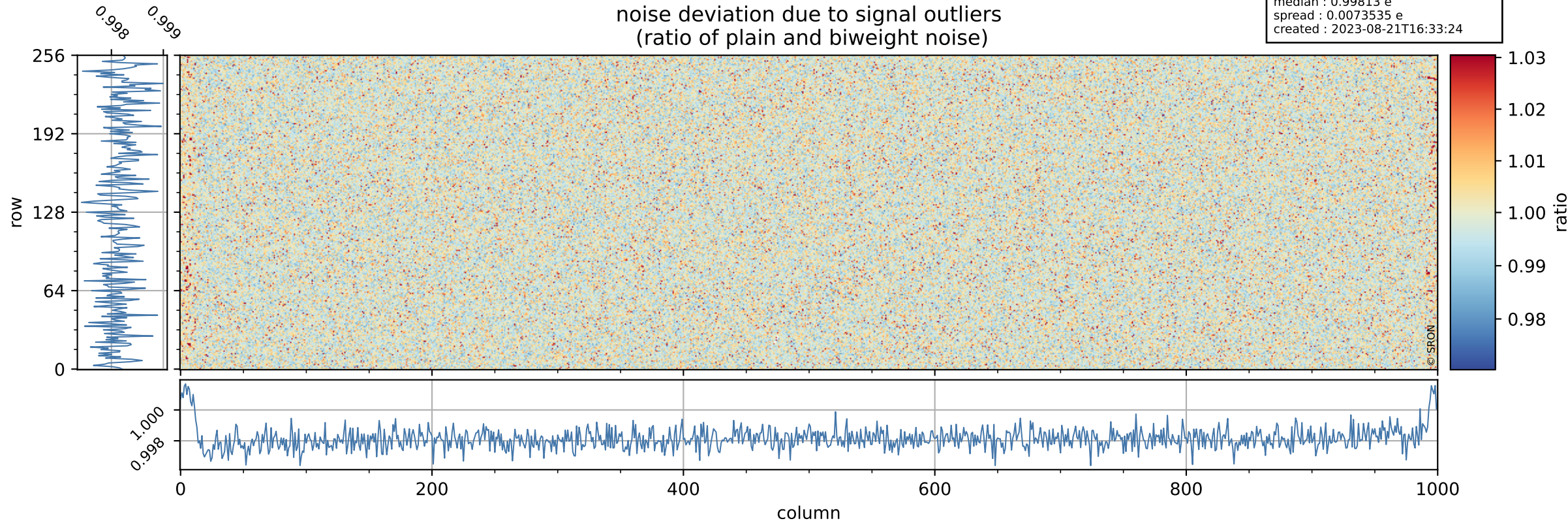




# Tropomi SWIR background noise (swir)

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

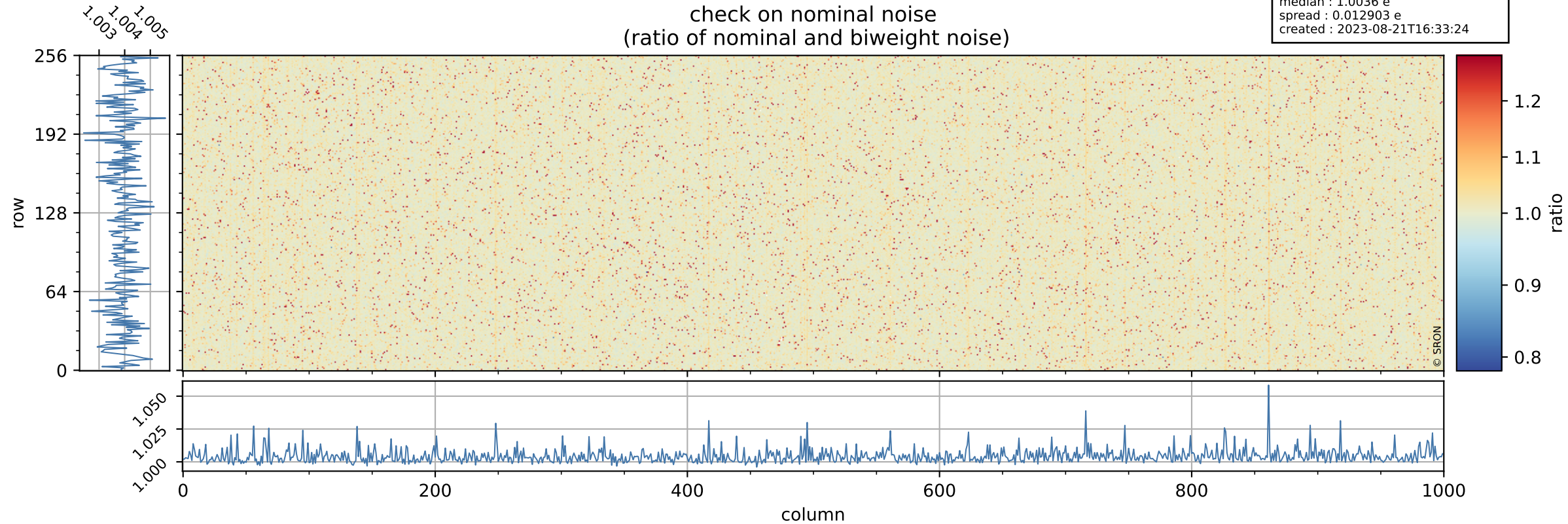
orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
median : 0.99813 e  
spread : 0.0073535 e  
created : 2023-08-21T16:33:24



# Tropomi SWIR background noise (swir)

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

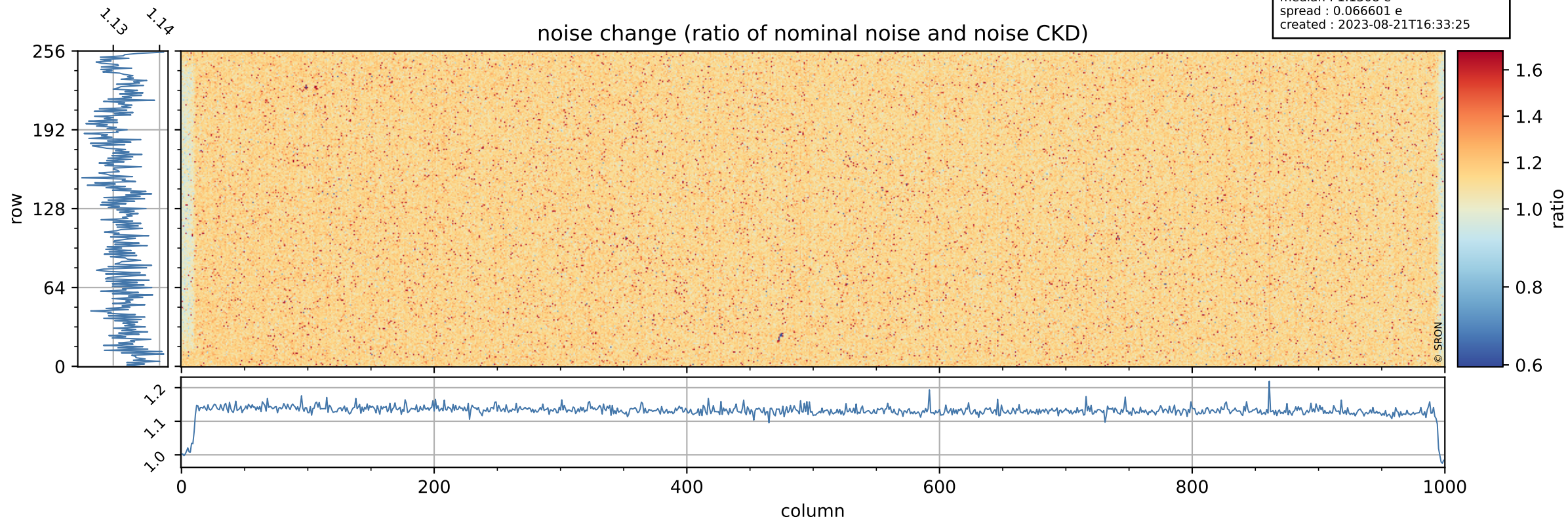
orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
median : 1.0036 e  
spread : 0.012903 e  
created : 2023-08-21T16:33:24





# Tropomi SWIR background noise (swir)

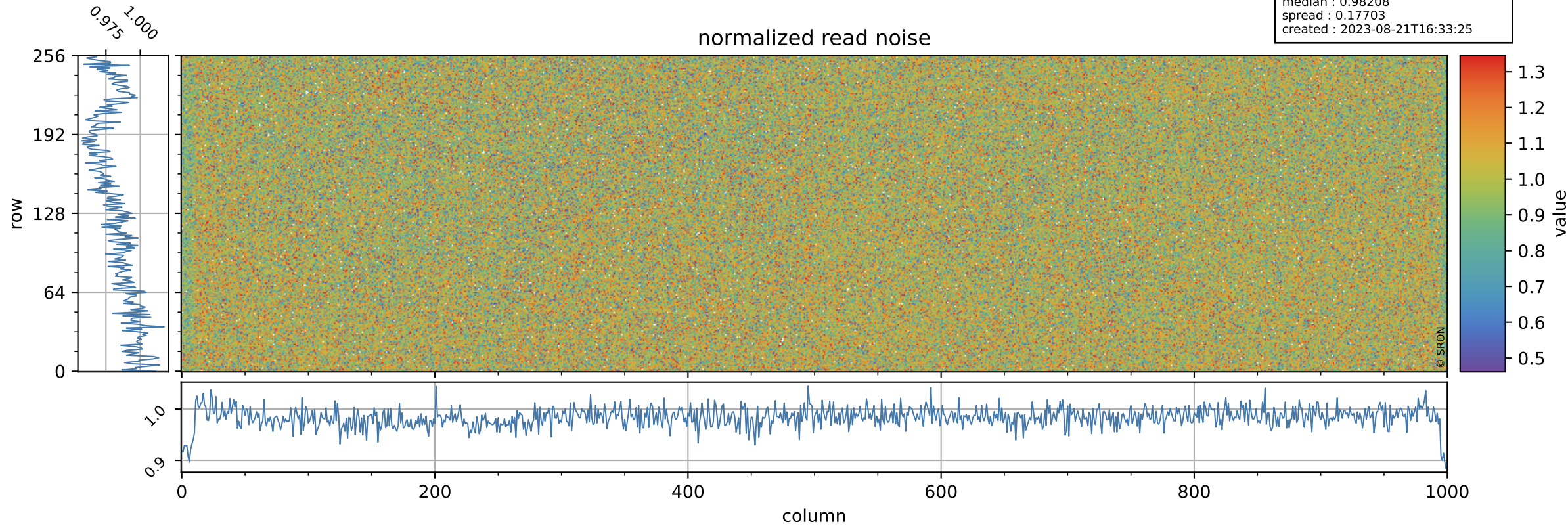
orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
median : 1.1308 e  
spread : 0.066601 e  
created : 2023-08-21T16:33:25





# Tropomi SWIR background noise (swir)

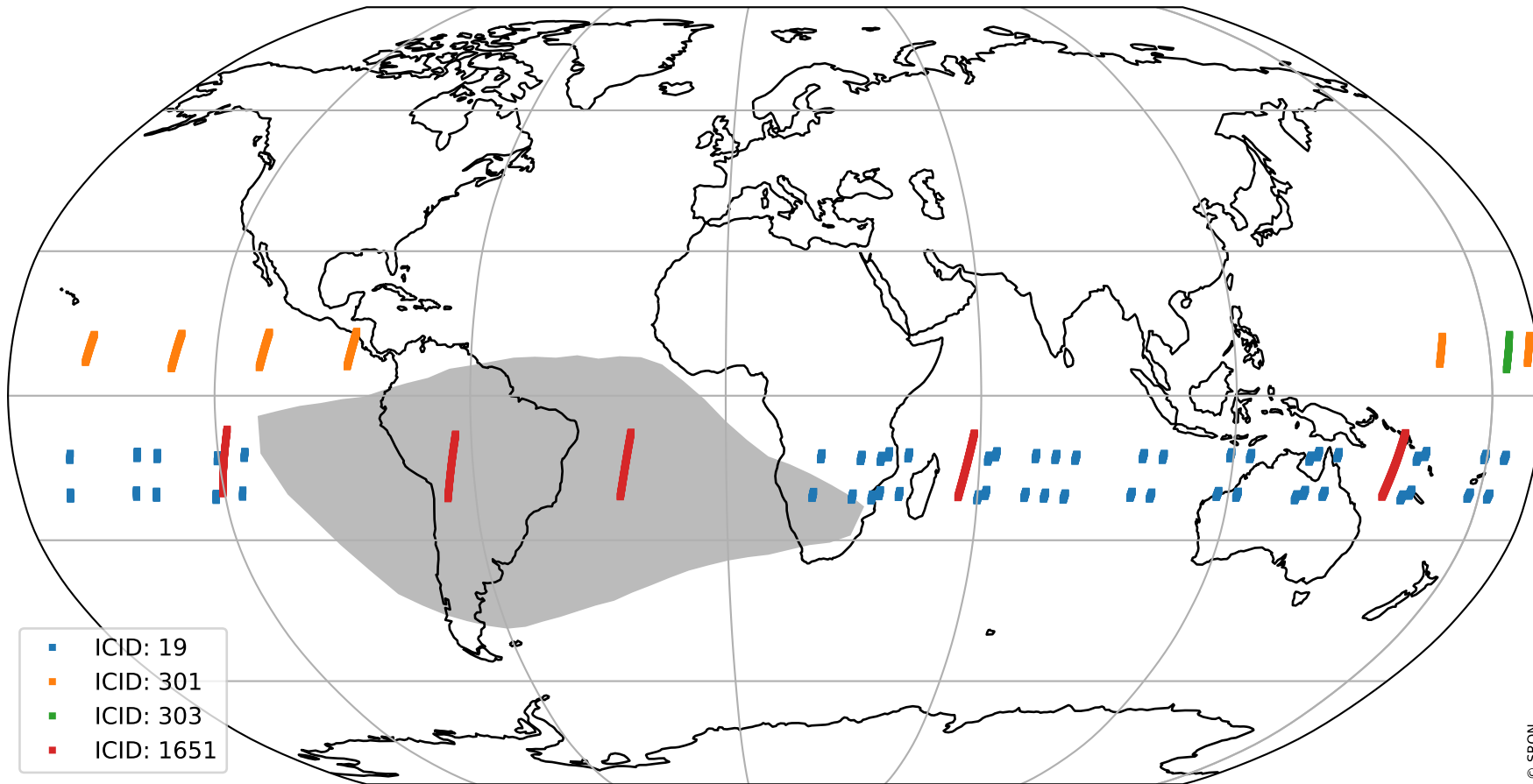
orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
median : 0.98208  
spread : 0.17703  
created : 2023-08-21T16:33:25





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

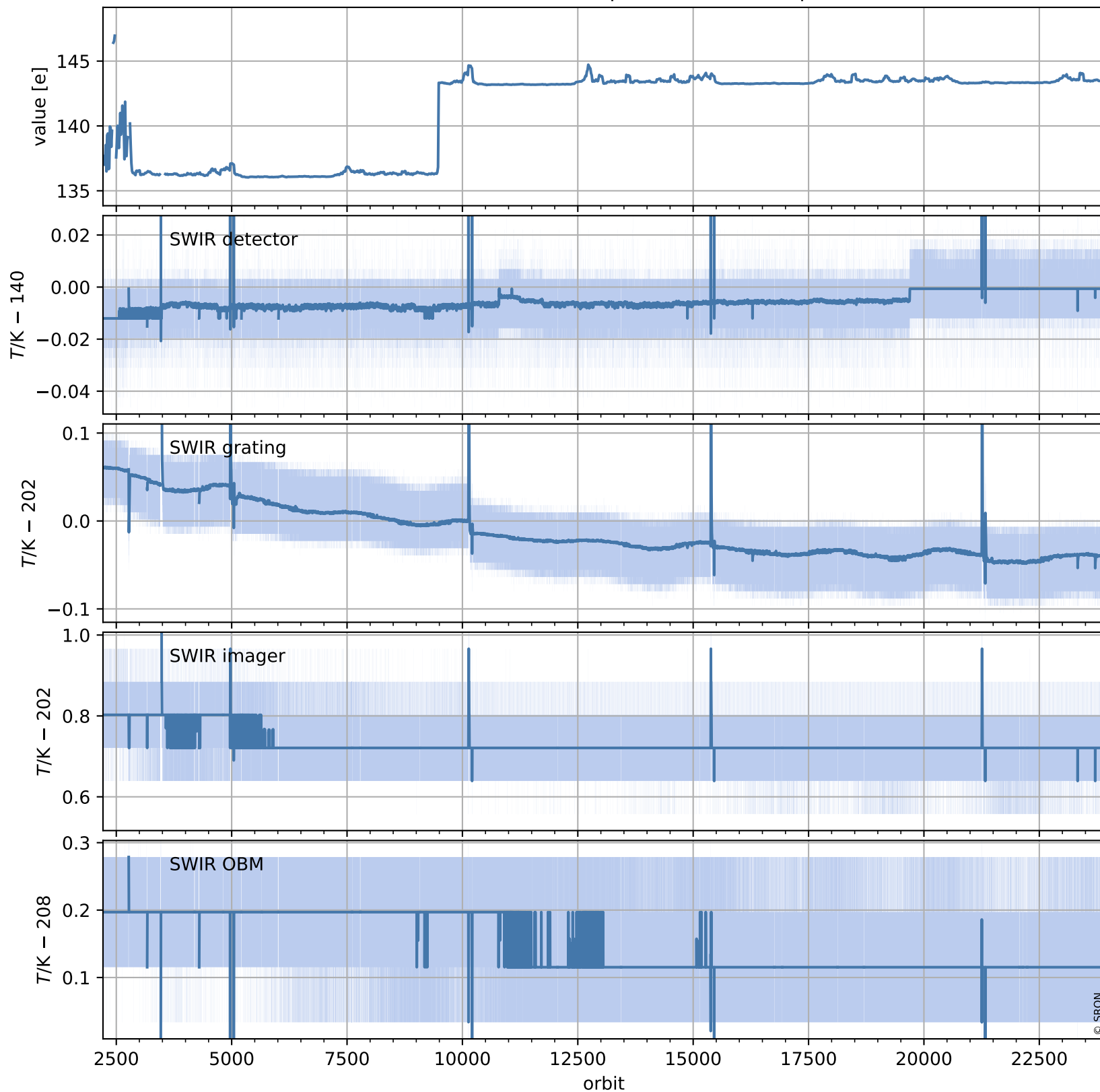
orbits : 12 in [23827, 23917]  
coverage : 2022-05-20 / 2022-05-26  
created : 2023-08-21T16:33:25



# Tropomi SWIR background noise (swir)

orbits : [2212, 23917]  
coverage : 2018-03-18 / 2022-05-26  
created : 2023-08-21T16:33:26

## trend of detector median of plain noise & temperatures

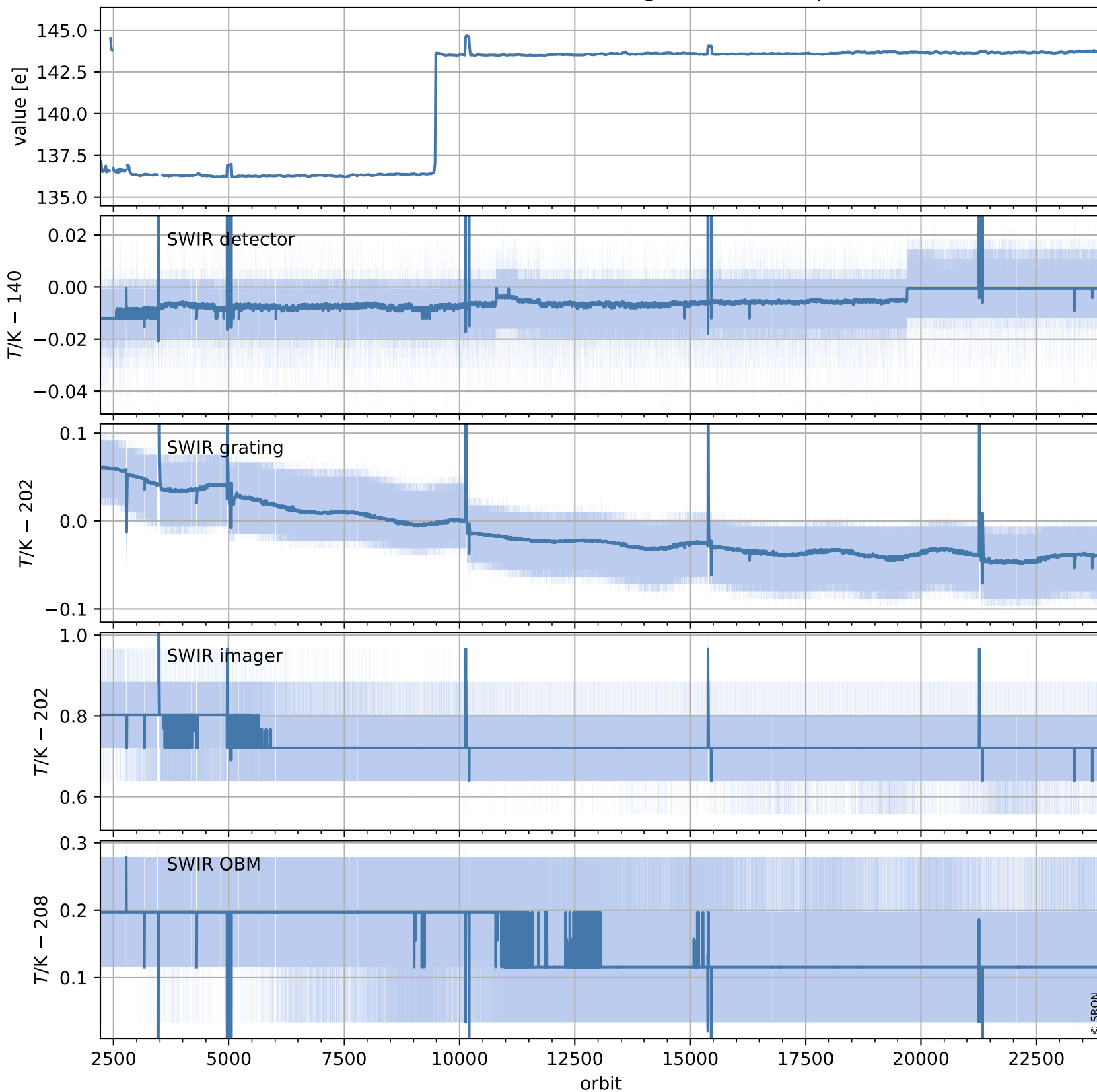




# Tropomi SWIR background noise (swir)

orbits : [2212, 23917]  
coverage : 2018-03-18 / 2022-05-26  
created : 2023-08-21T16:33:27

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23917]  
coverage : 2018-03-18 / 2022-05-26  
created : 2023-08-21T16:33:28

## trend of normalized read-noise & temperatures

