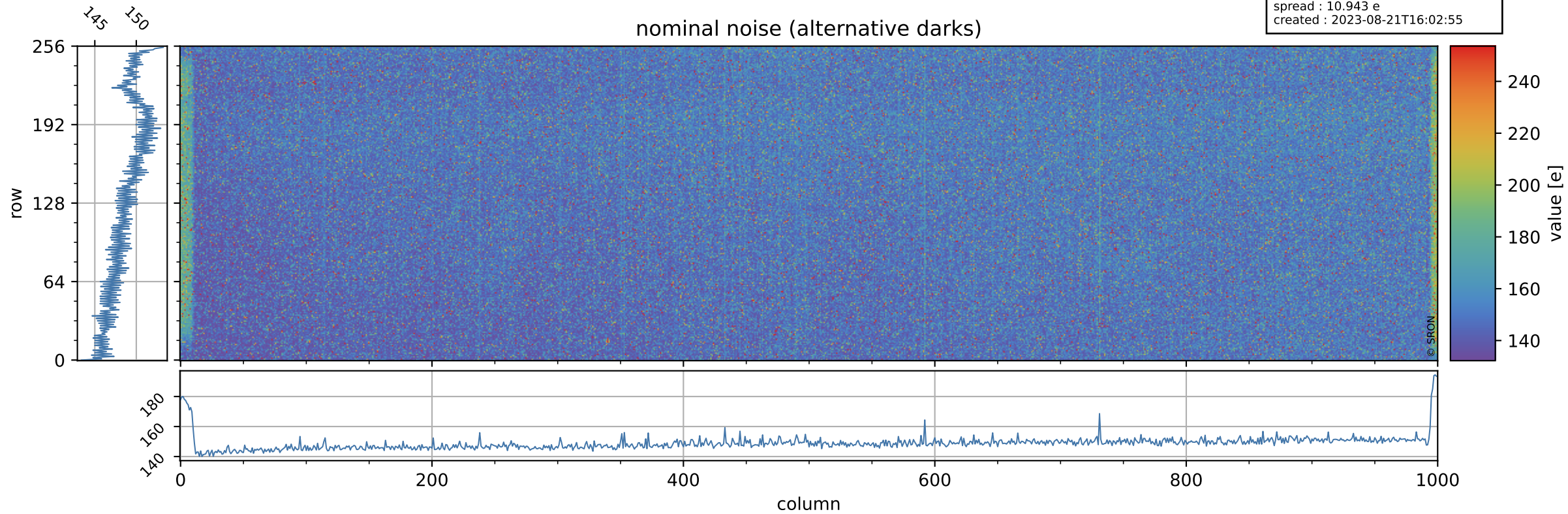


# Tropomi SWIR background noise (swir)

orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
n\_coad, t\_exp : 1, 1.0783  
median : 148.66 e  
spread : 10.943 e  
created : 2023-08-21T16:02:55

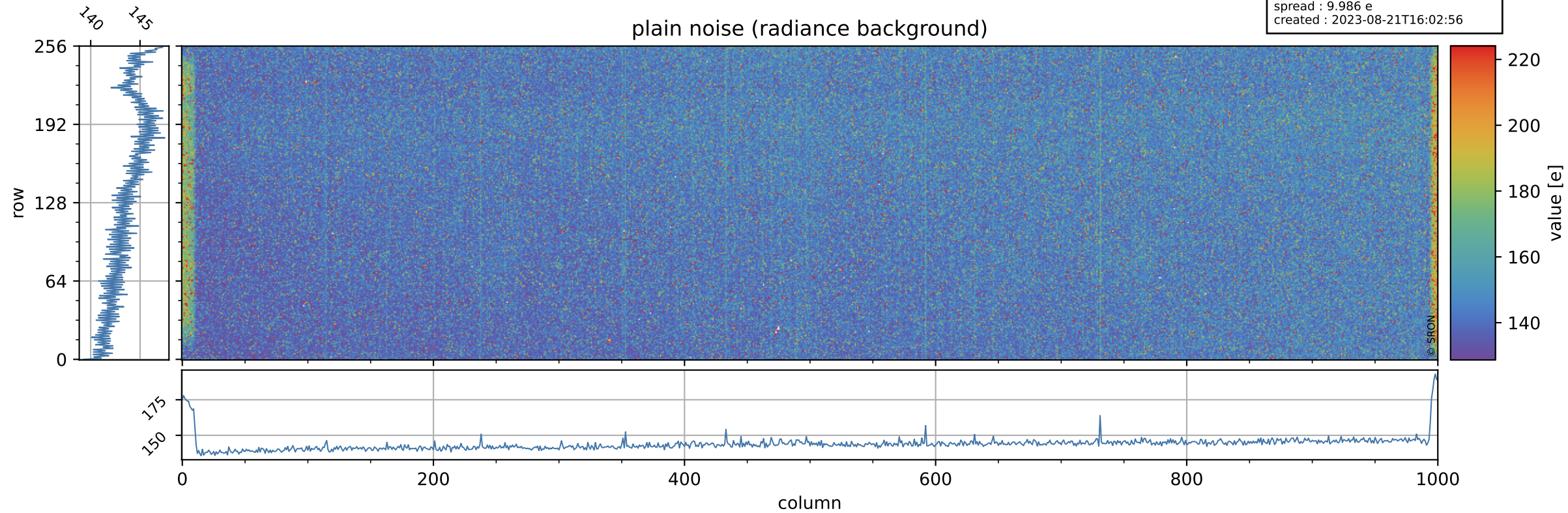
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
n\_coad, t\_exp : 1, 0.8383  
median : 143.61 e  
spread : 9.986 e  
created : 2023-08-21T16:02:56

plain noise (radiance background)

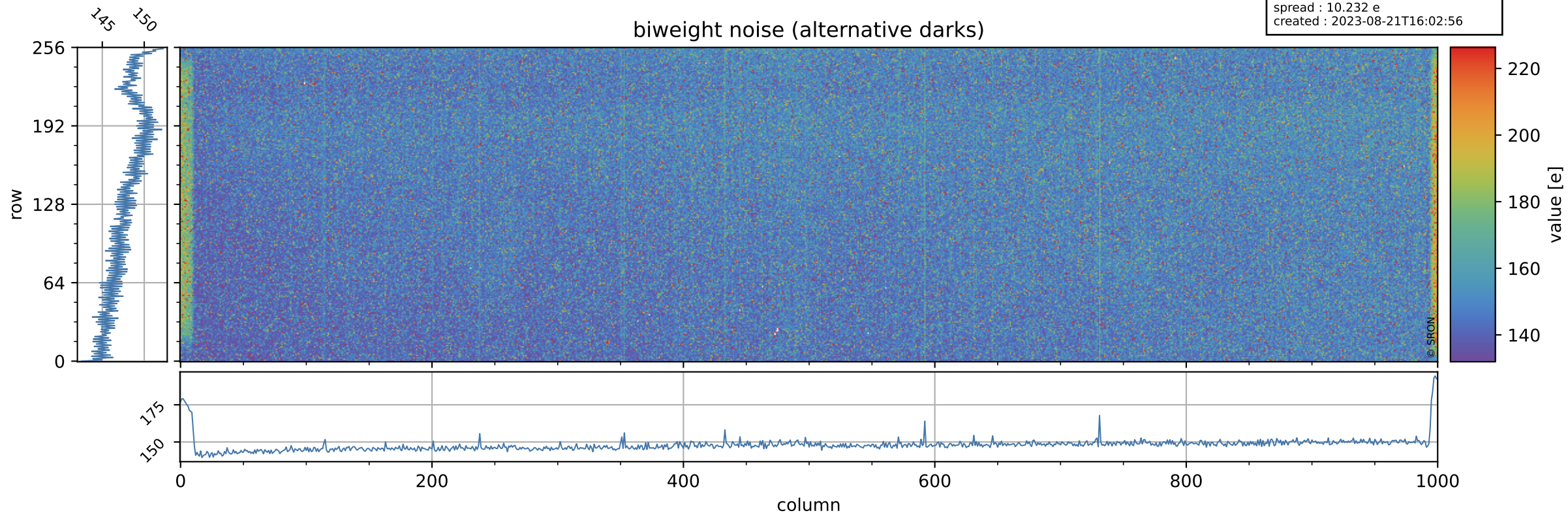




# Tropomi SWIR background noise (swir)

orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
n\_coad, t\_exp : 1, 1.0783  
median : 147.74 e  
spread : 10.232 e  
created : 2023-08-21T16:02:56

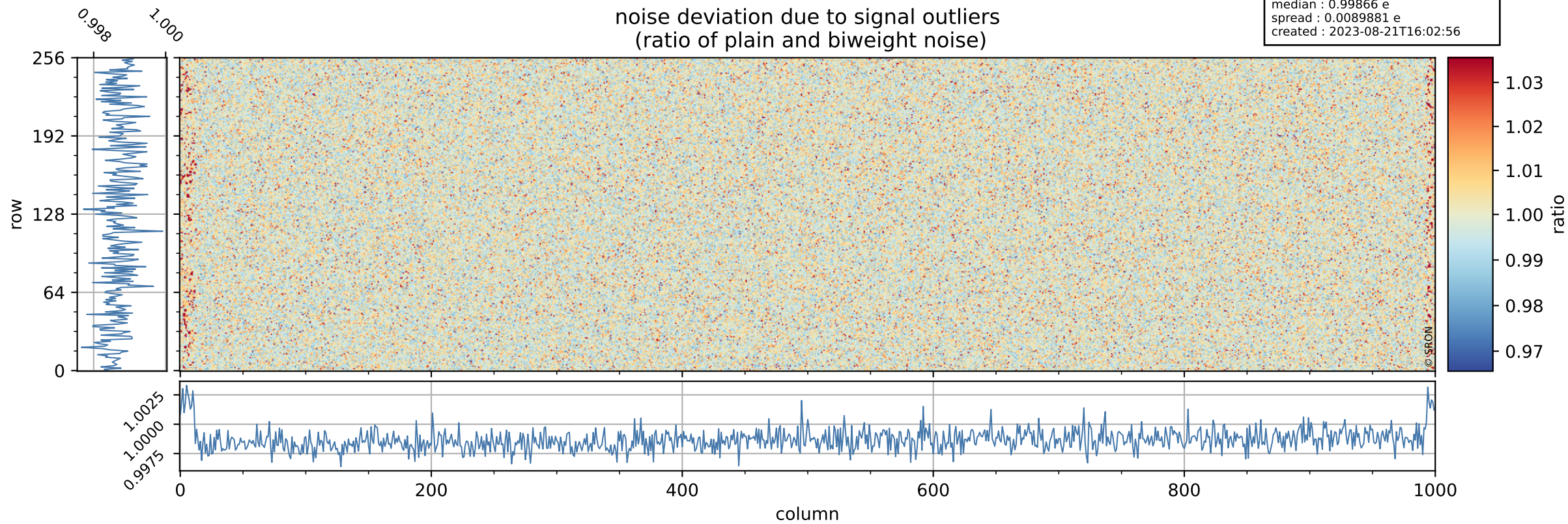
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

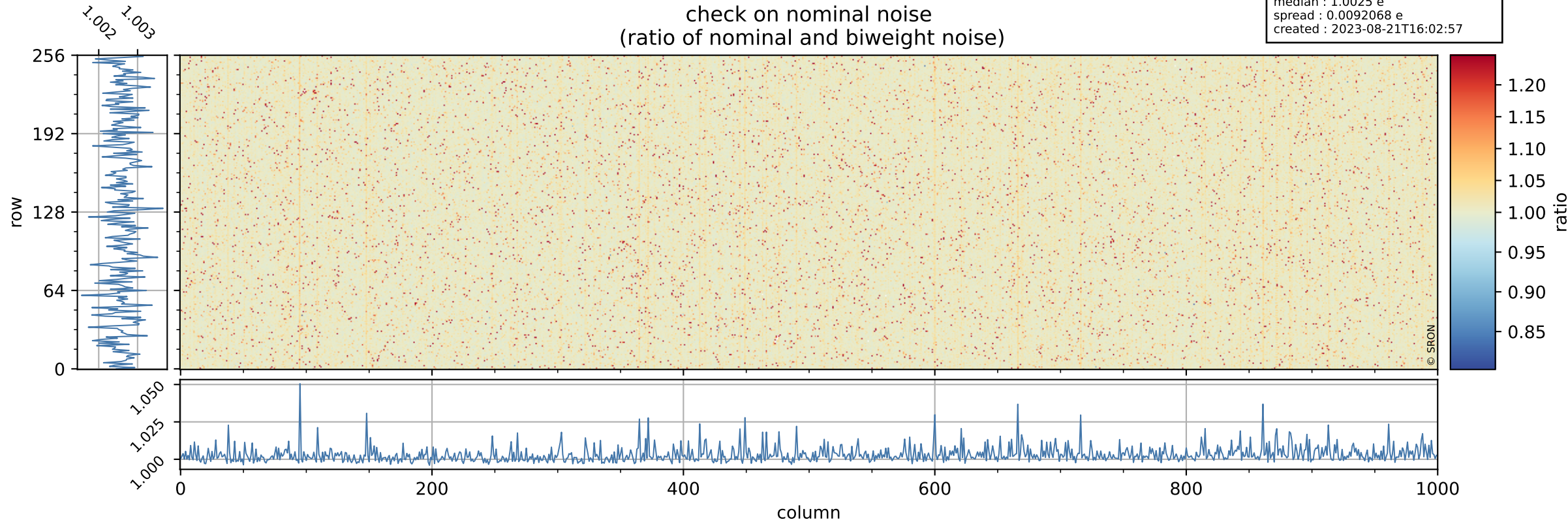
orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
median : 0.99866 e  
spread : 0.0089881 e  
created : 2023-08-21T16:02:56



# Tropomi SWIR background noise (swir)

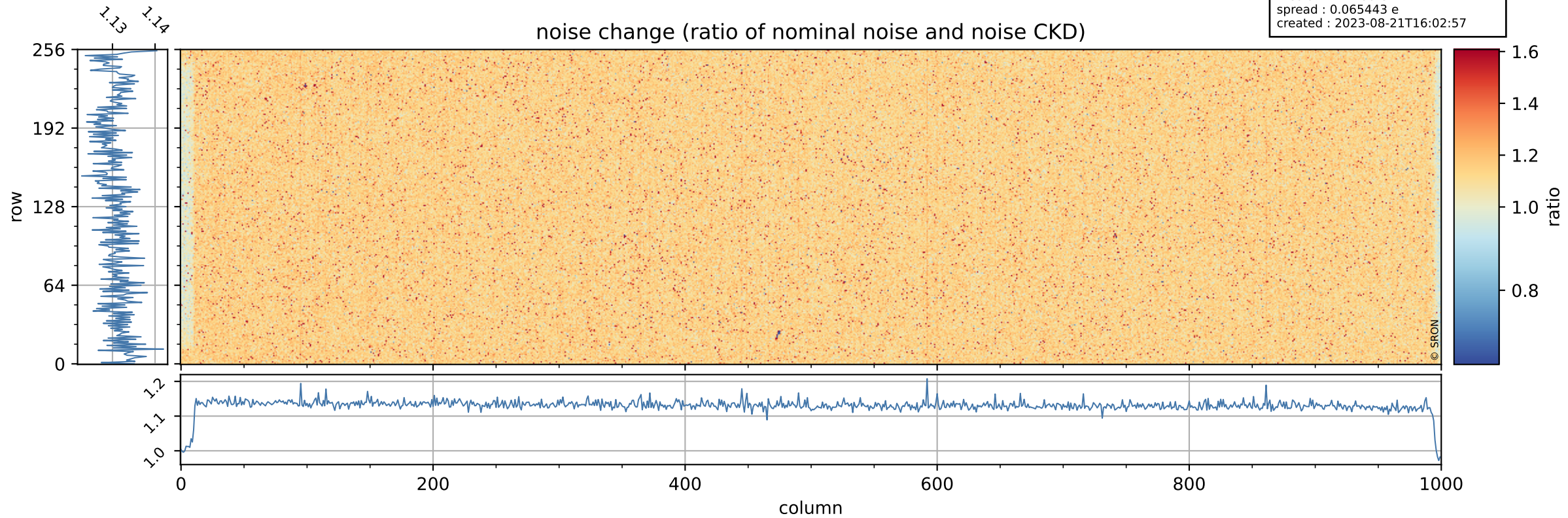
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
median : 1.0025 e  
spread : 0.0092068 e  
created : 2023-08-21T16:02:57



# Tropomi SWIR background noise (swir)

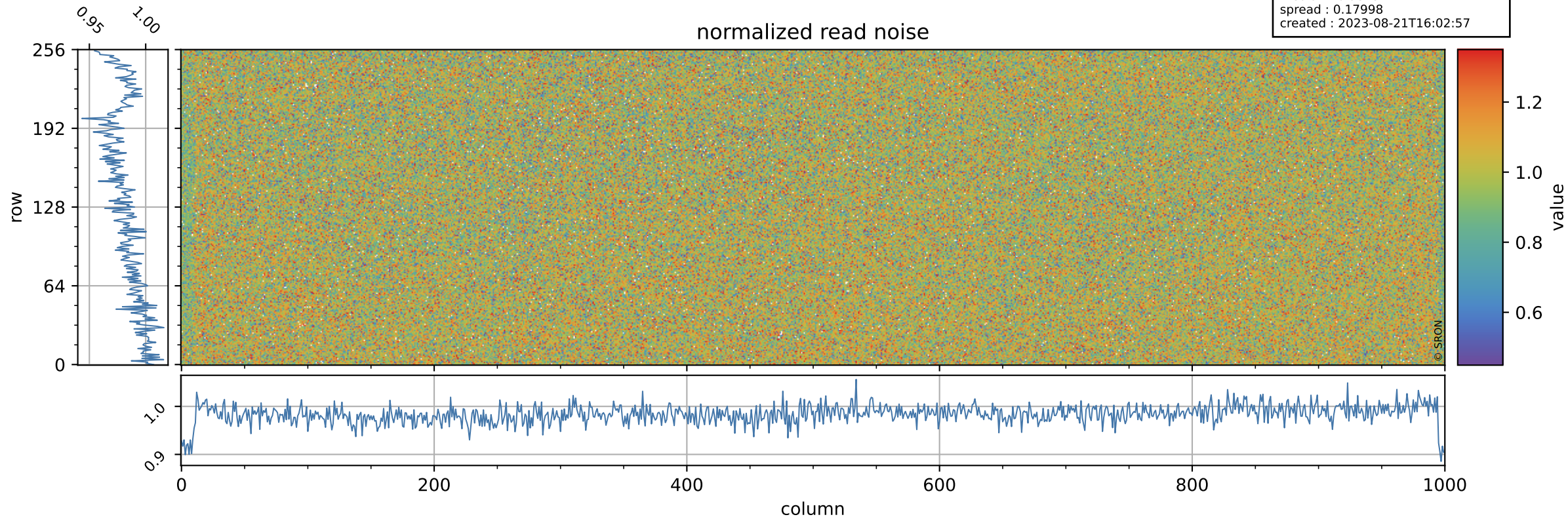
orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
median : 1.1299 e  
spread : 0.065443 e  
created : 2023-08-21T16:02:57



# Tropomi SWIR background noise (swir)

orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
median : 0.9823  
spread : 0.17998  
created : 2023-08-21T16:02:57

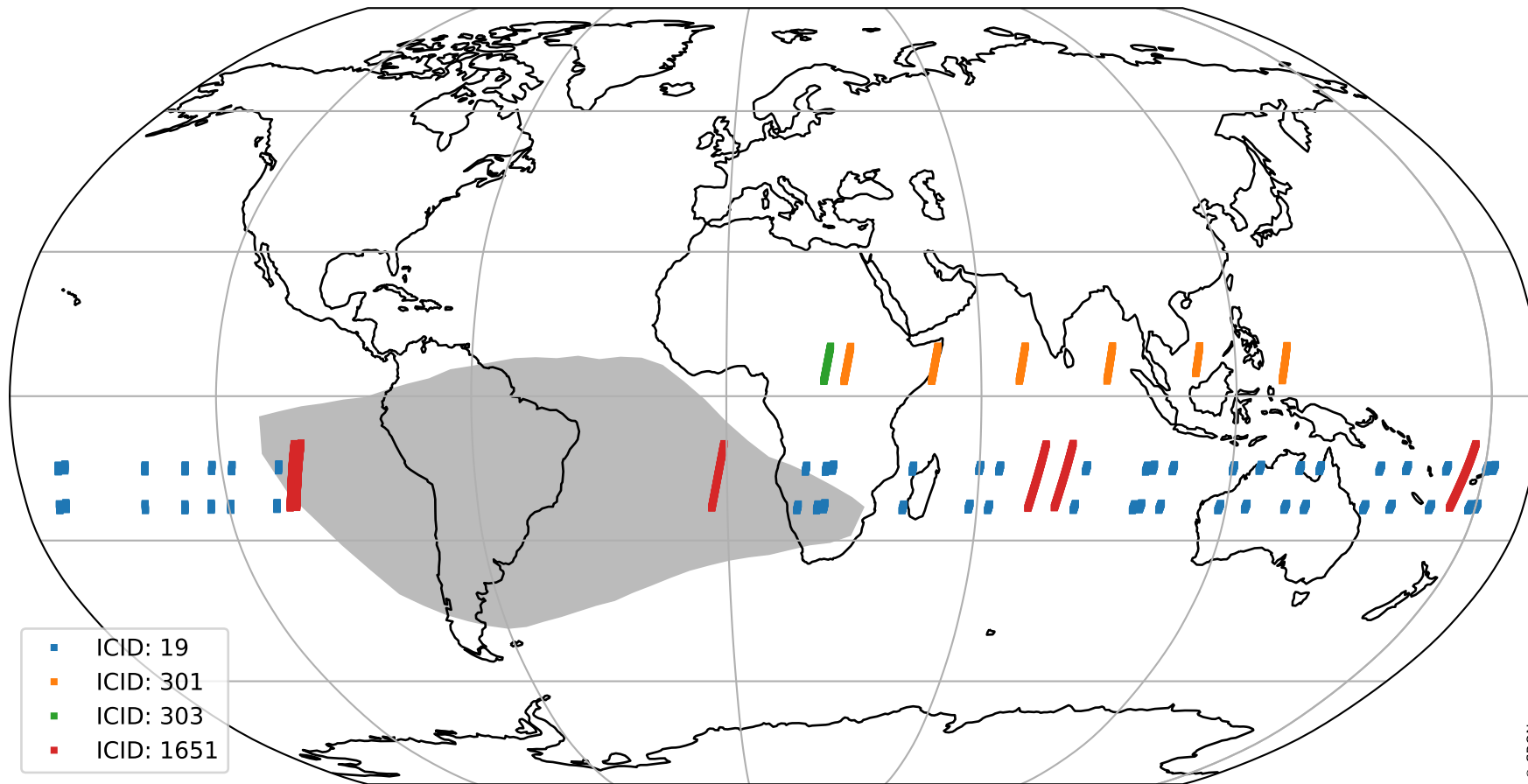
normalized read noise





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

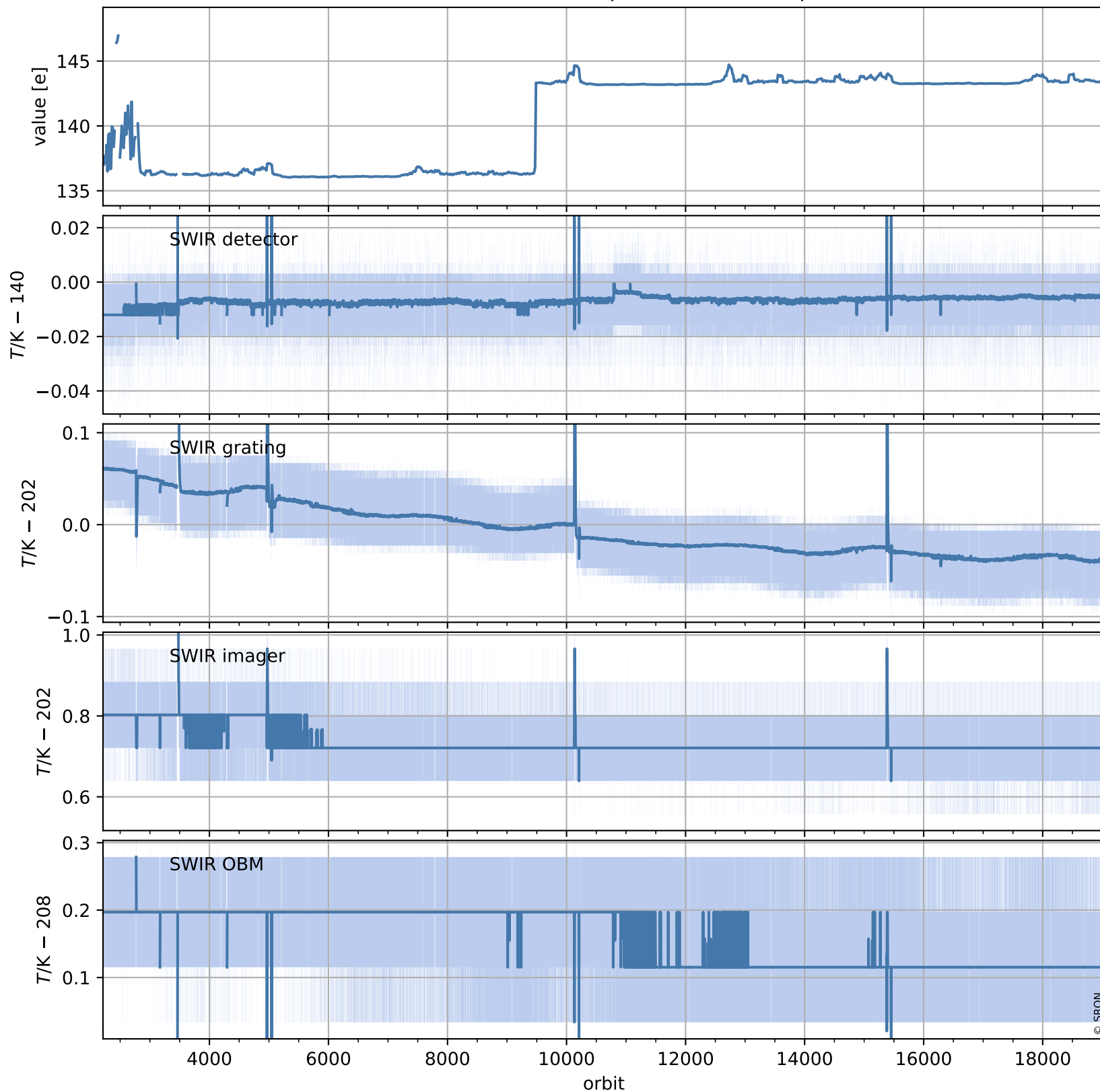
orbits : 13 in [18952, 19042]  
coverage : 2021-06-10 / 2021-06-16  
created : 2023-08-21T16:02:58



# Tropomi SWIR background noise (swir)

orbits : [2212, 19042]  
coverage : 2018-03-18 / 2021-06-16  
created : 2023-08-21T16:02:58

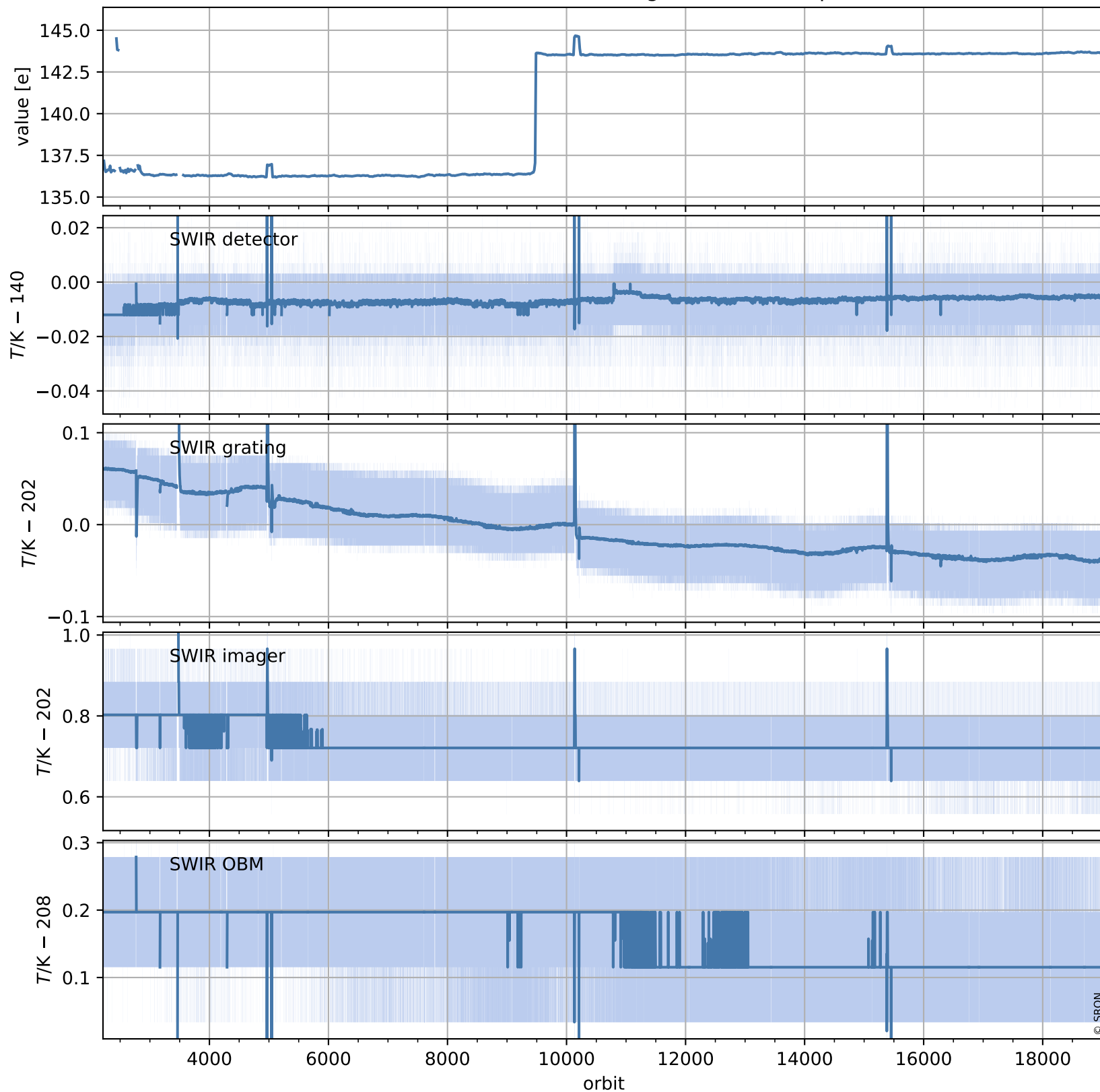
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19042]  
coverage : 2018-03-18 / 2021-06-16  
created : 2023-08-21T16:02:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19042]  
coverage : 2018-03-18 / 2021-06-16  
created : 2023-08-21T16:03:00

## trend of normalized read-noise & temperatures

