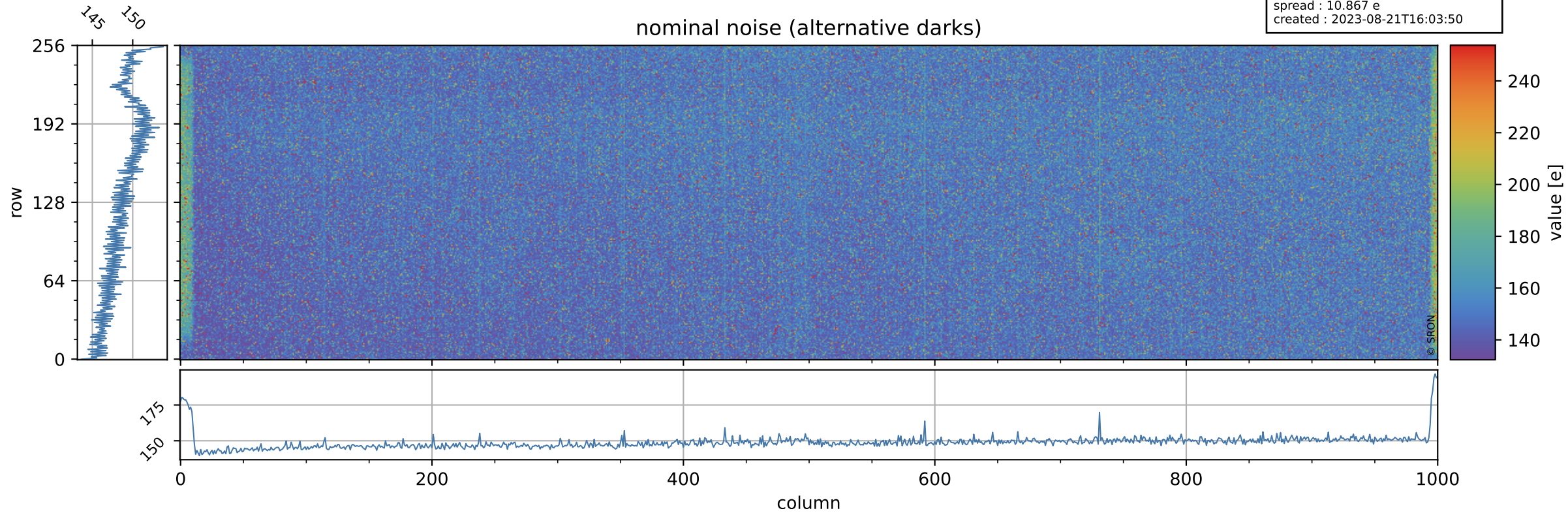


# Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.63 e  
spread : 10.867 e  
created : 2023-08-21T16:03:50

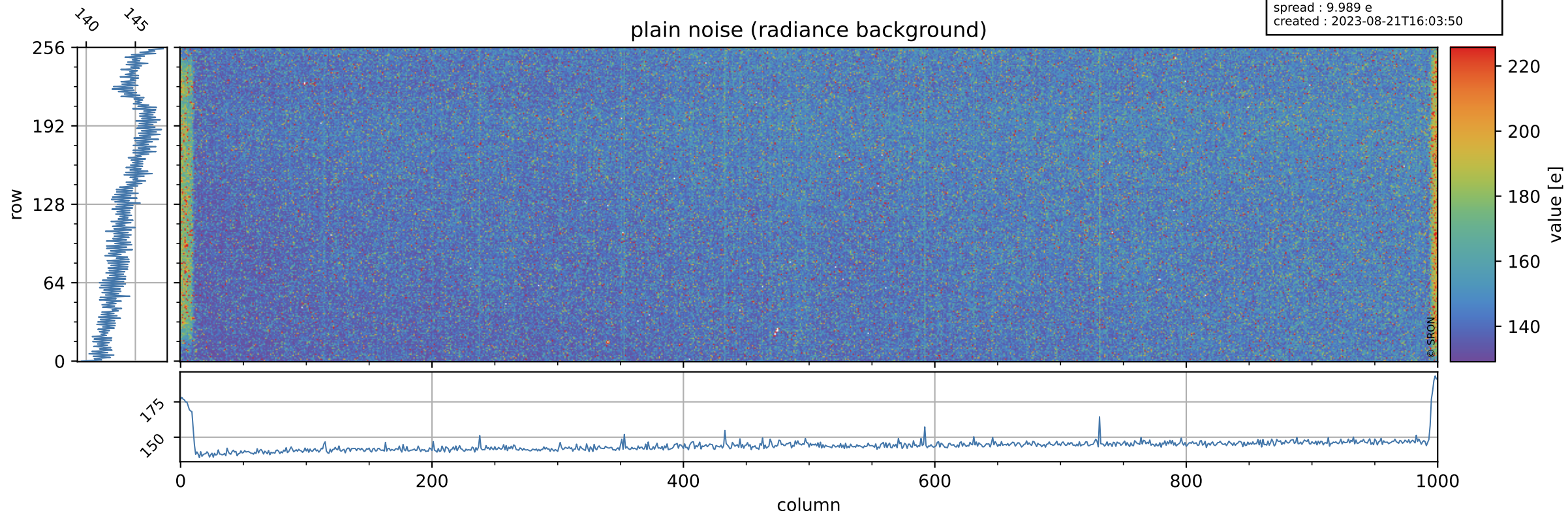
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
n\_coad, t\_exp : 1, 0.8383  
median : 144 e  
spread : 9.989 e  
created : 2023-08-21T16:03:50

plain noise (radiance background)

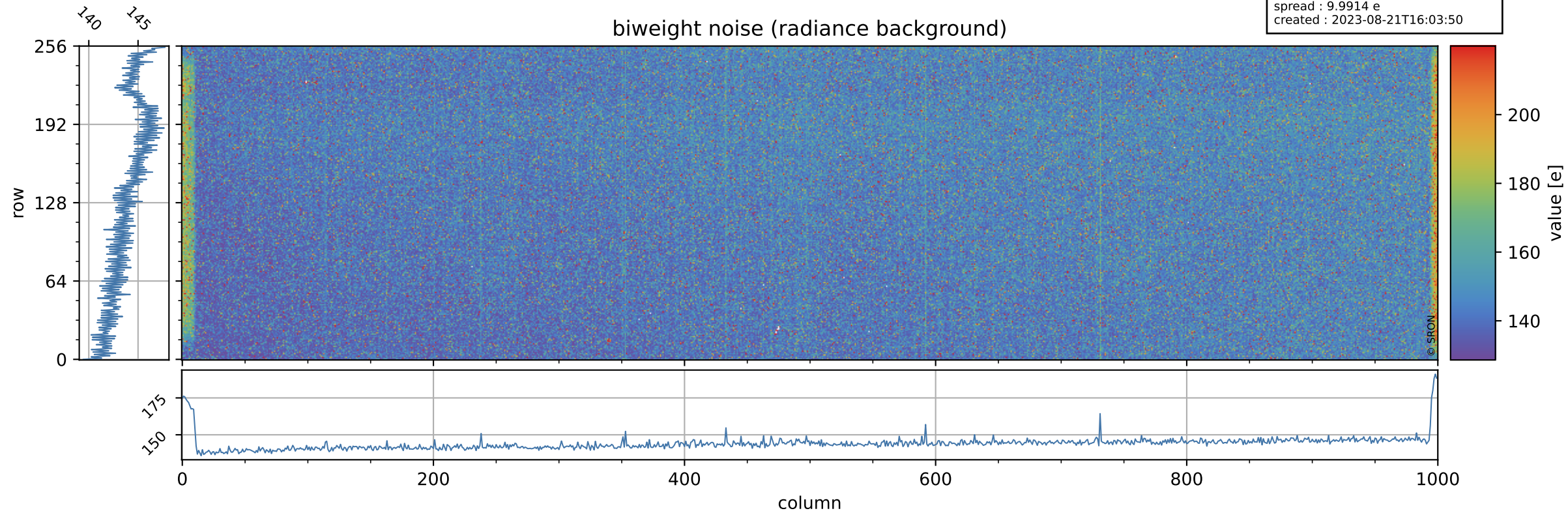




# Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 9.9914 e  
created : 2023-08-21T16:03:50

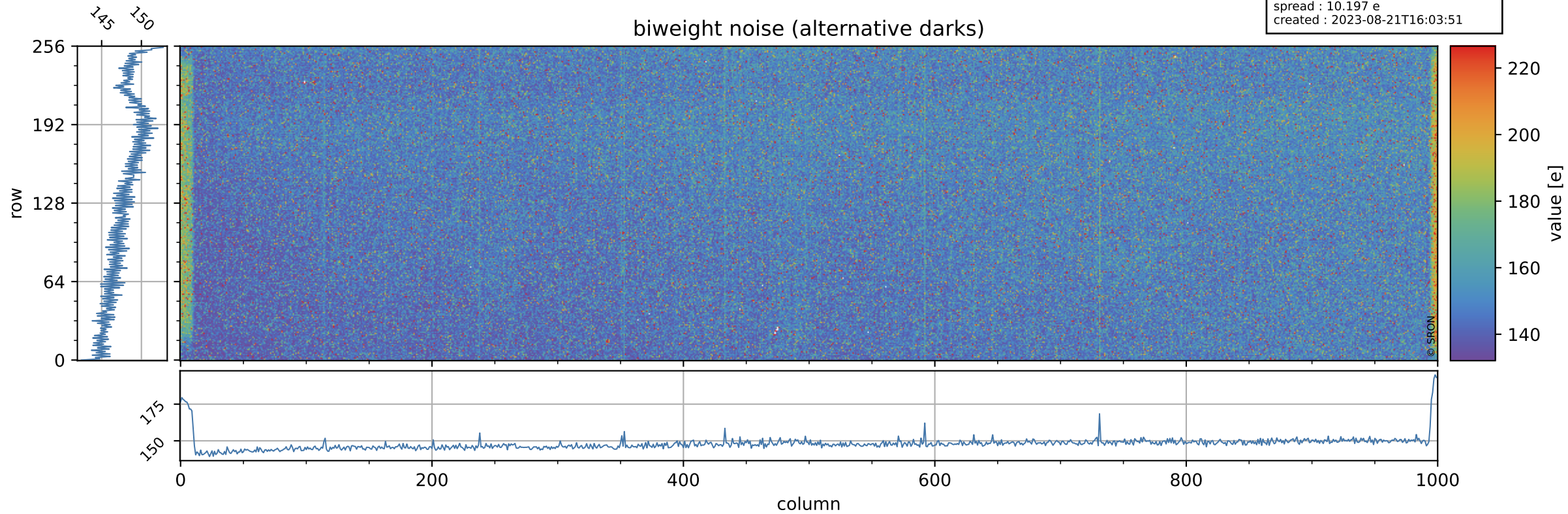
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.72 e  
spread : 10.197 e  
created : 2023-08-21T16:03:51

## biweight noise (alternative darks)

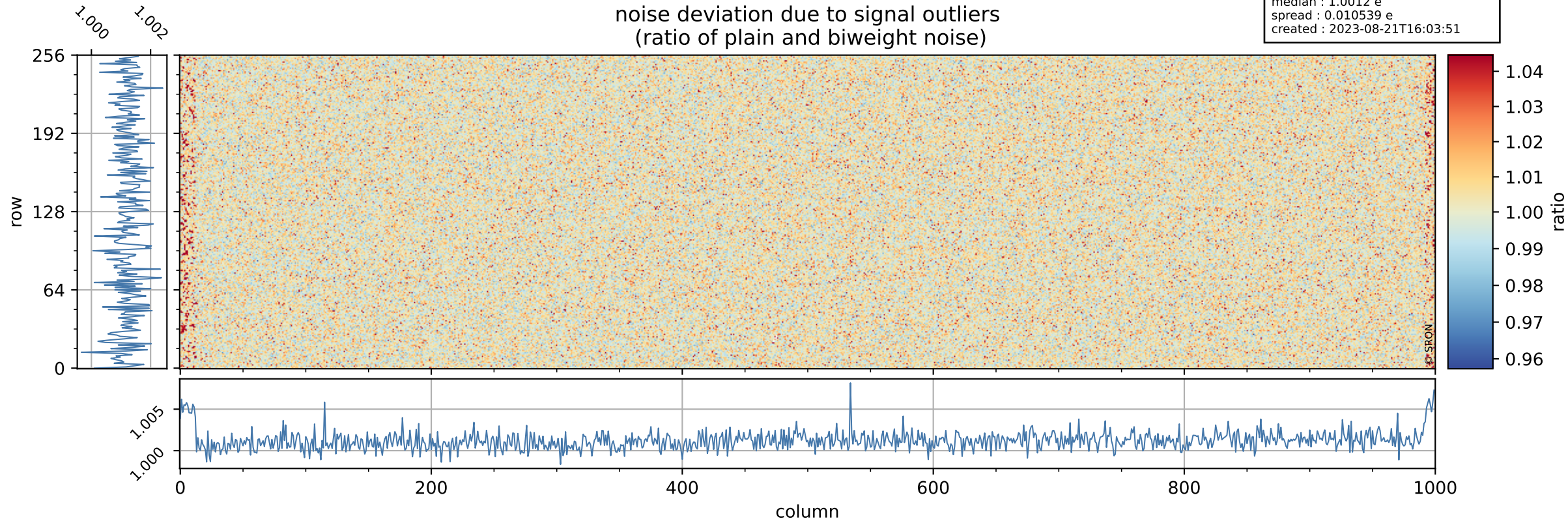




# Tropomi SWIR background noise (swir)

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

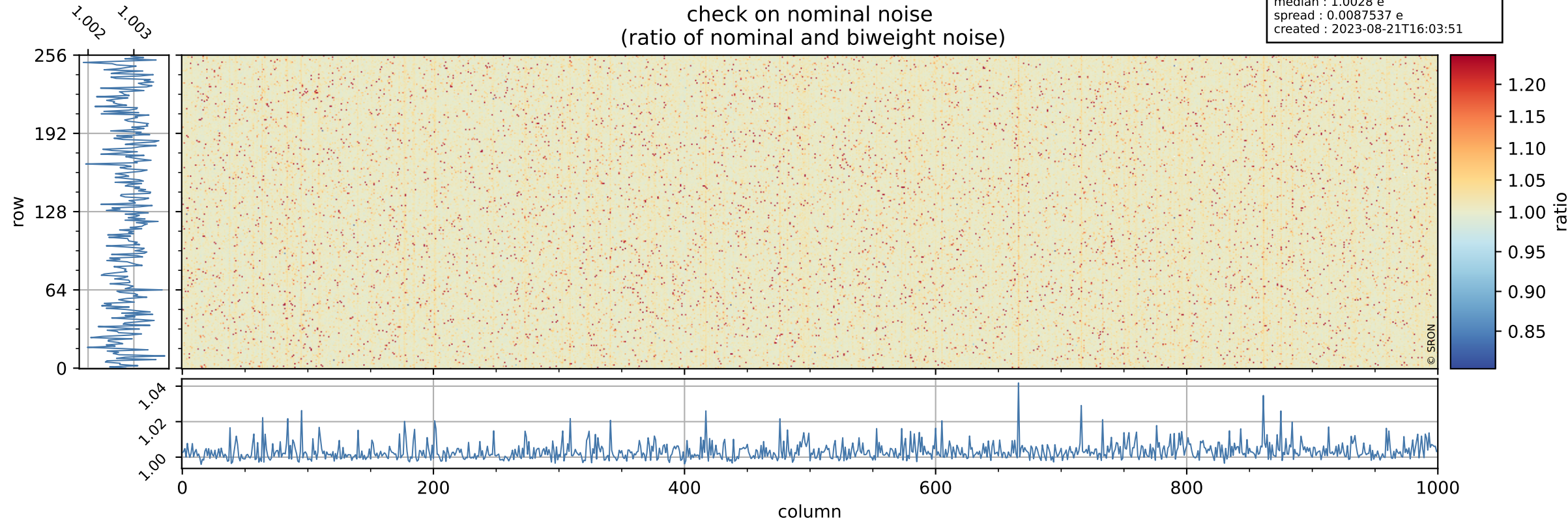
orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
median : 1.0012 e  
spread : 0.010539 e  
created : 2023-08-21T16:03:51



# Tropomi SWIR background noise (swir)

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

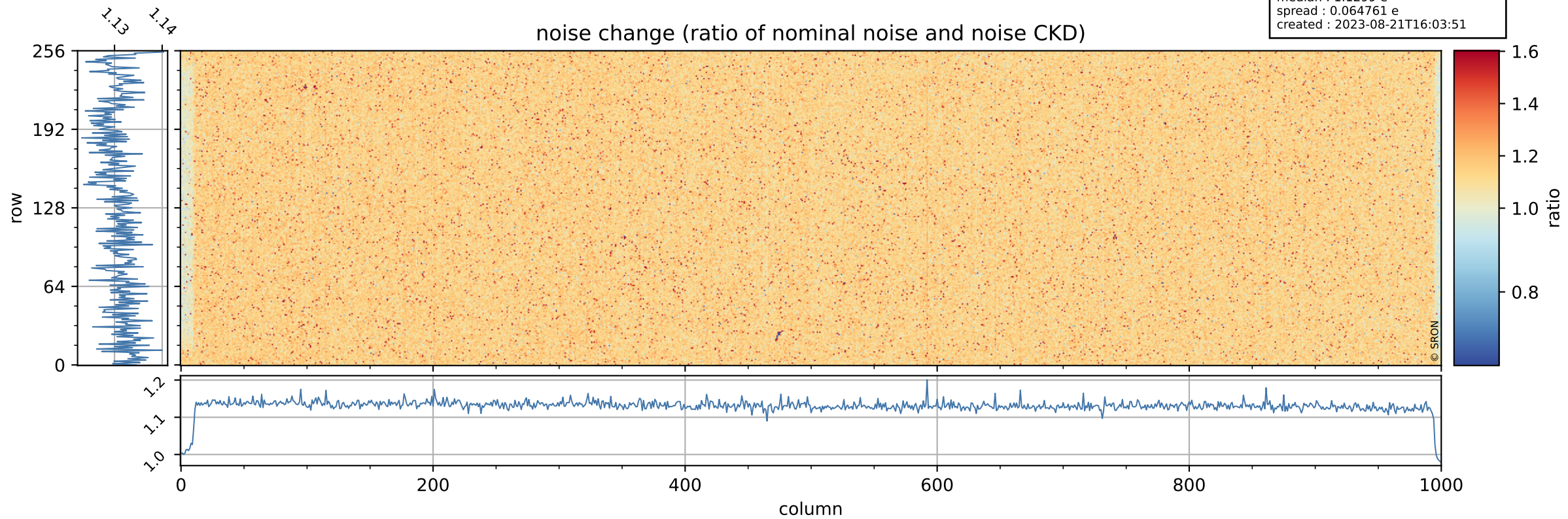
orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
median : 1.0028 e  
spread : 0.0087537 e  
created : 2023-08-21T16:03:51





# Tropomi SWIR background noise (swir)

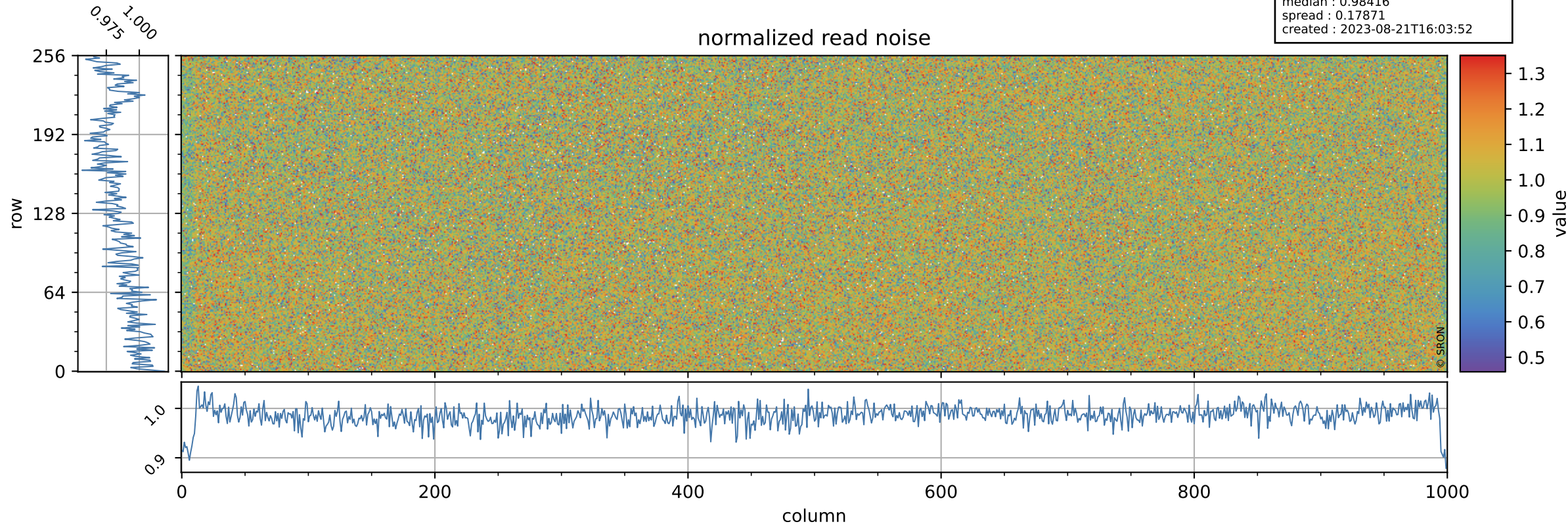
orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
median : 1.1299 e  
spread : 0.064761 e  
created : 2023-08-21T16:03:51





# Tropomi SWIR background noise (swir)

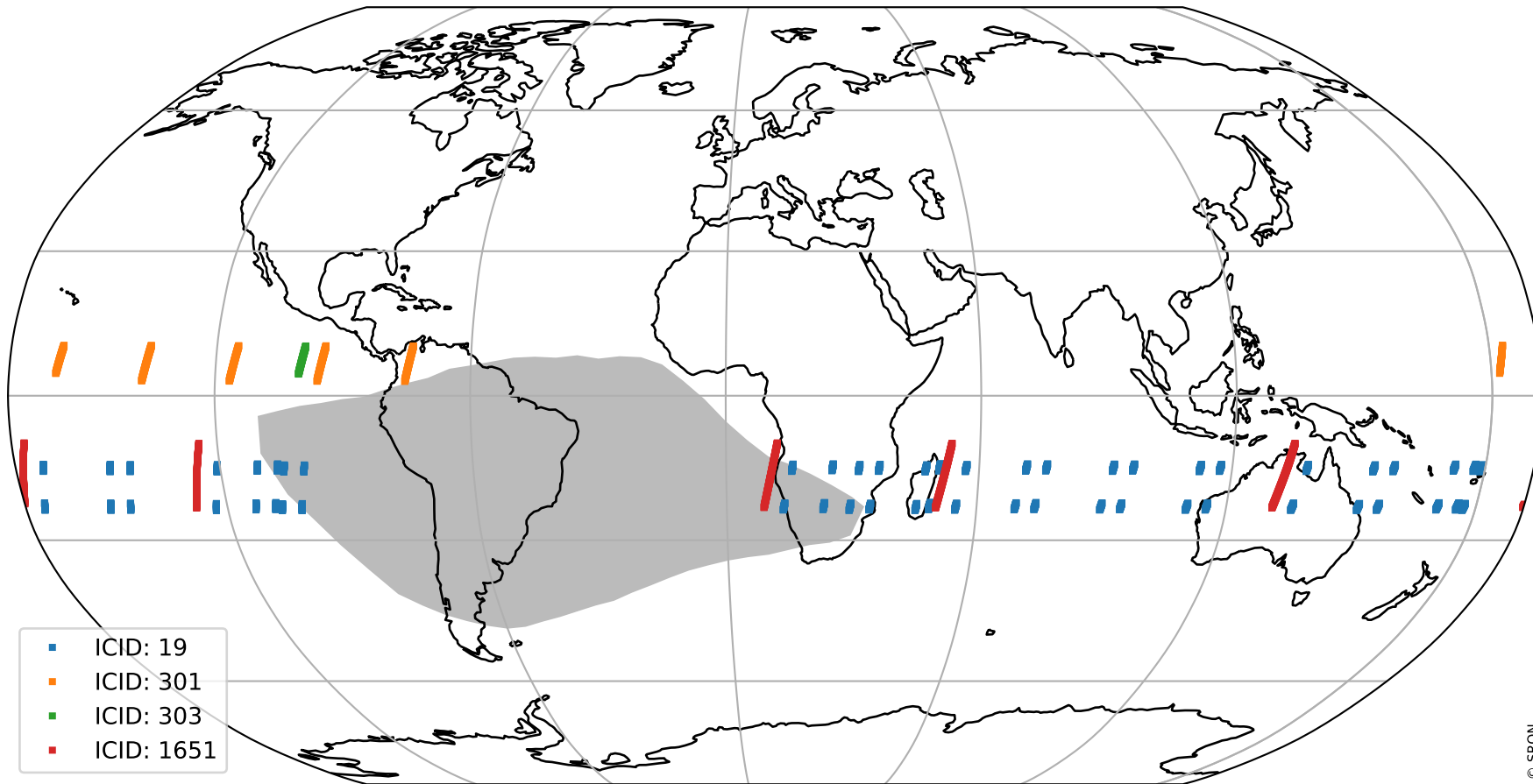
orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
median : 0.98416  
spread : 0.17871  
created : 2023-08-21T16:03:52





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

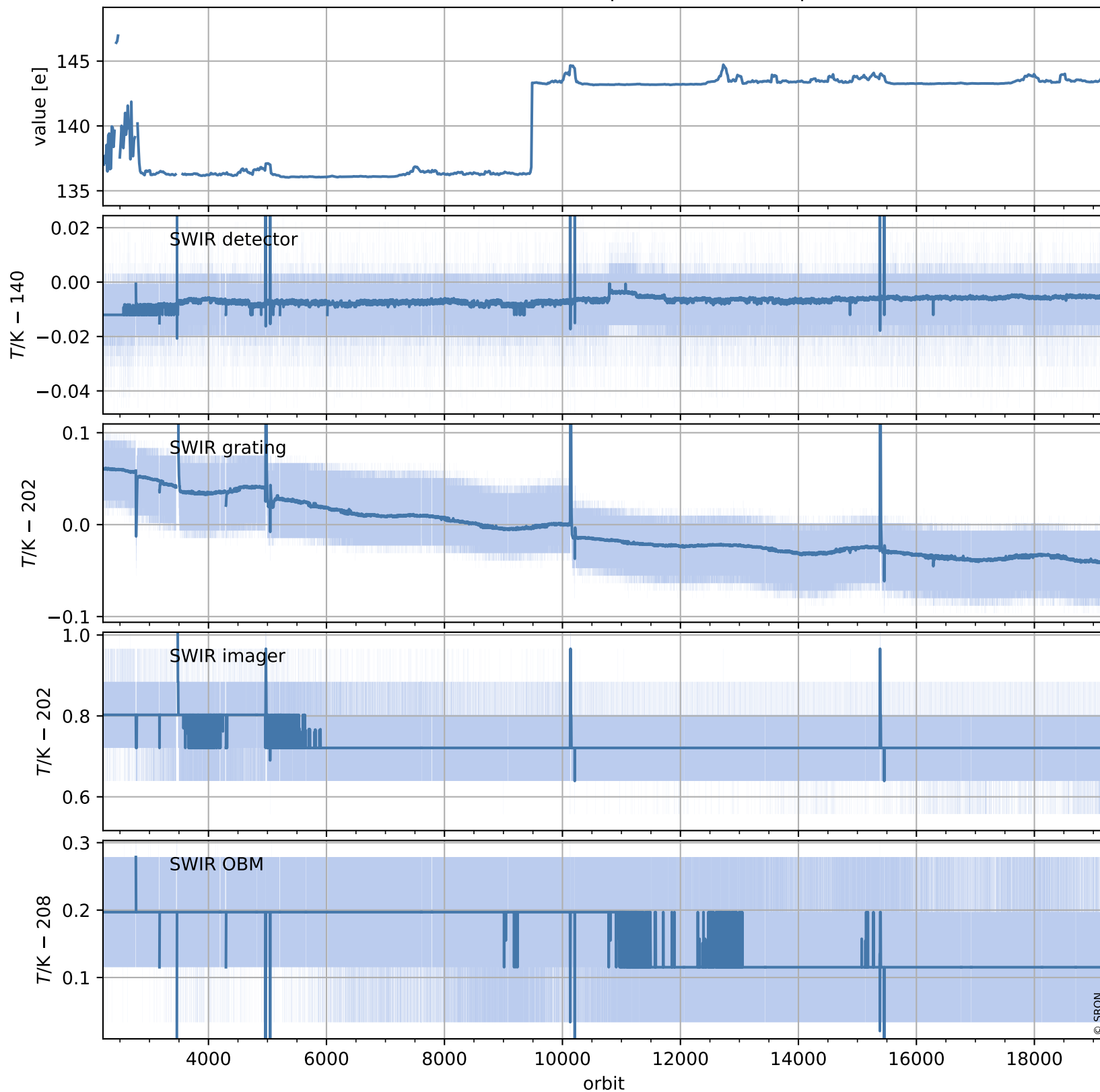
orbits : 12 in [19117, 19192]  
coverage : 2021-06-21 / 2021-06-26  
created : 2023-08-21T16:03:52



# Tropomi SWIR background noise (swir)

orbits : [2212, 19192]  
coverage : 2018-03-18 / 2021-06-26  
created : 2023-08-21T16:03:52

## trend of detector median of plain noise & temperatures

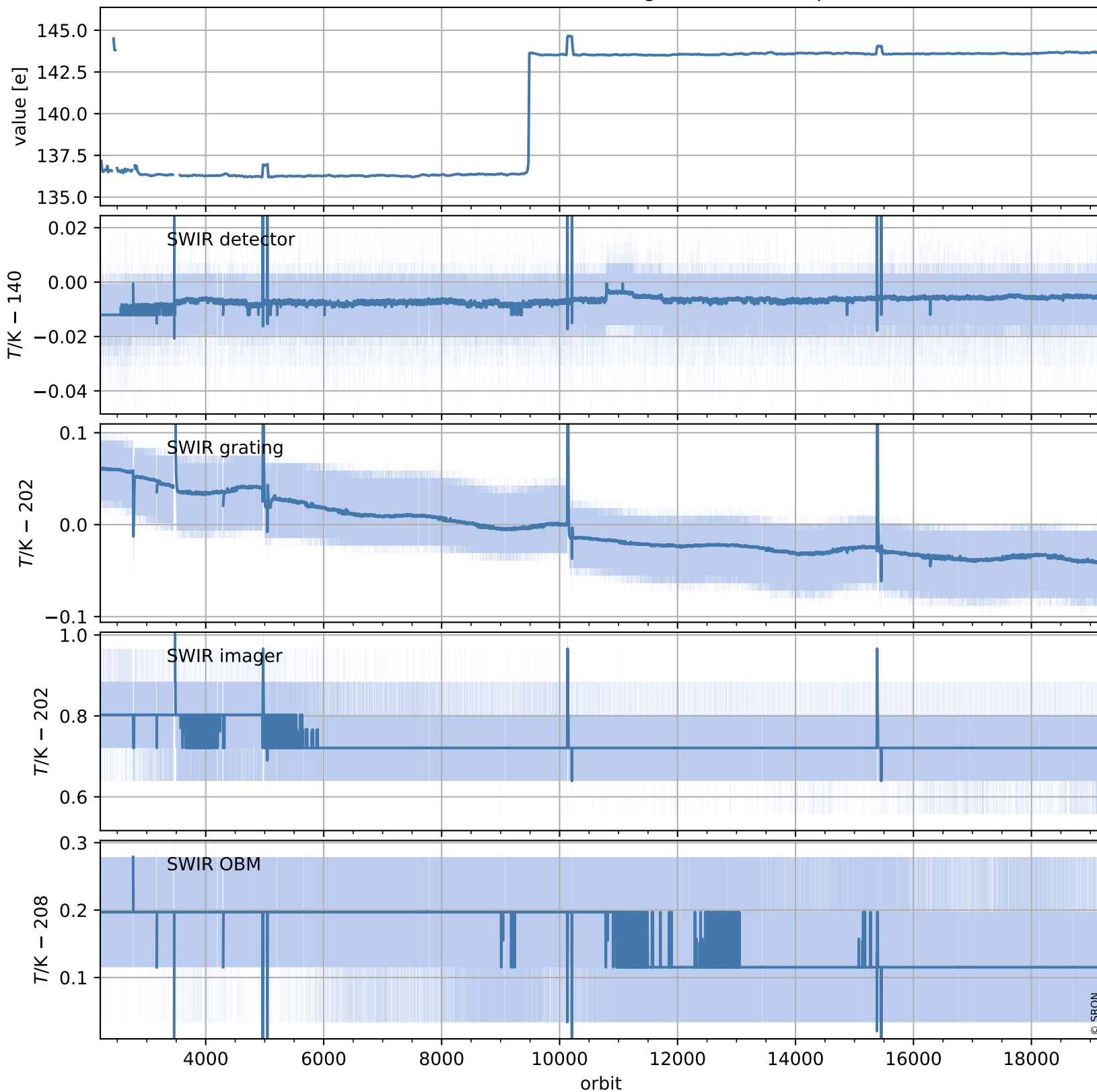




# Tropomi SWIR background noise (swir)

orbits : [2212, 19192]  
coverage : 2018-03-18 / 2021-06-26  
created : 2023-08-21T16:03:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 19192]  
coverage : 2018-03-18 / 2021-06-26  
created : 2023-08-21T16:03:54

## trend of normalized read-noise & temperatures

