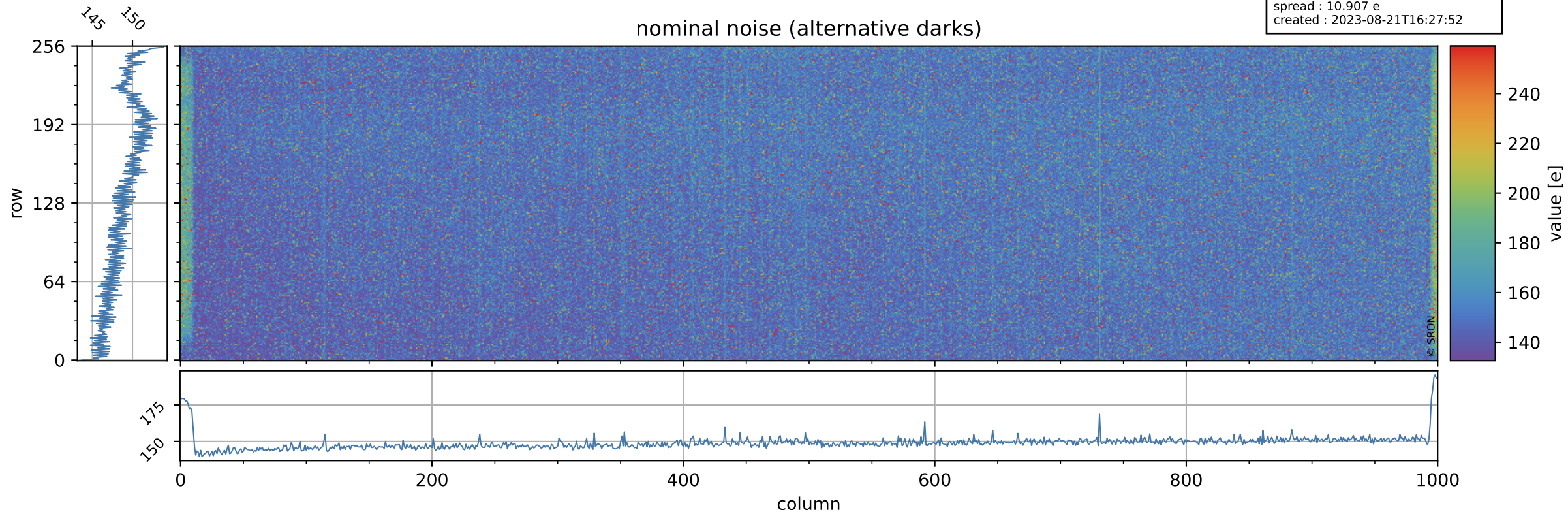


# Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.79 e  
spread : 10.907 e  
created : 2023-08-21T16:27:52

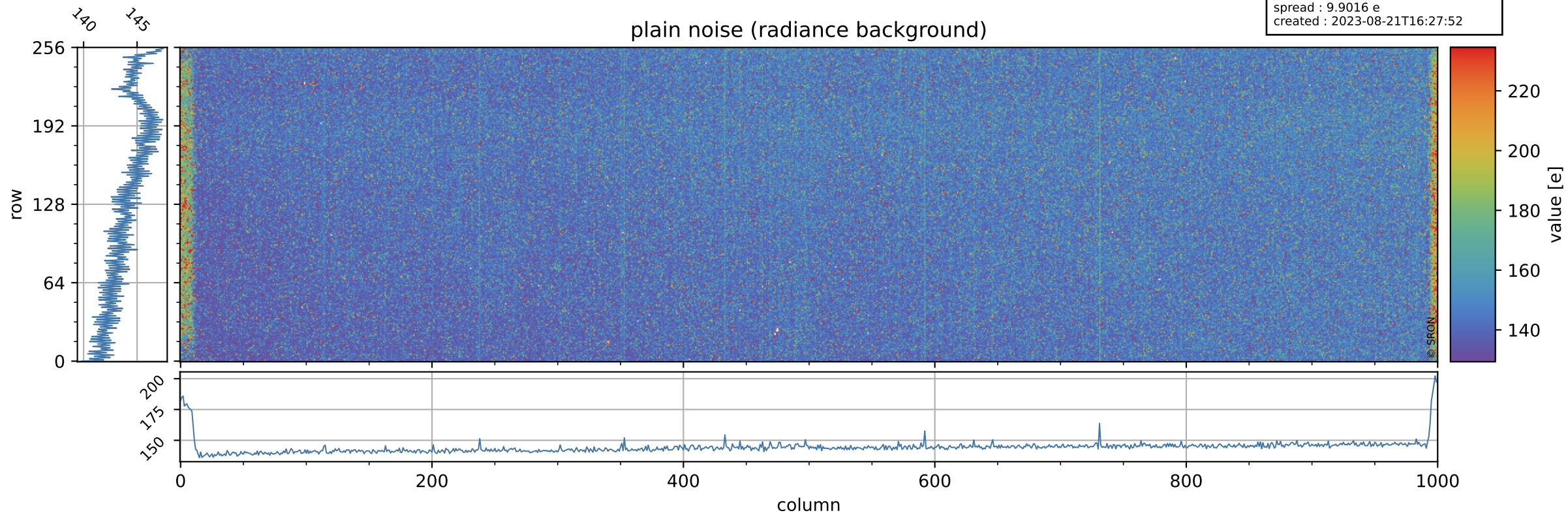
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.99 e  
spread : 9.9016 e  
created : 2023-08-21T16:27:52

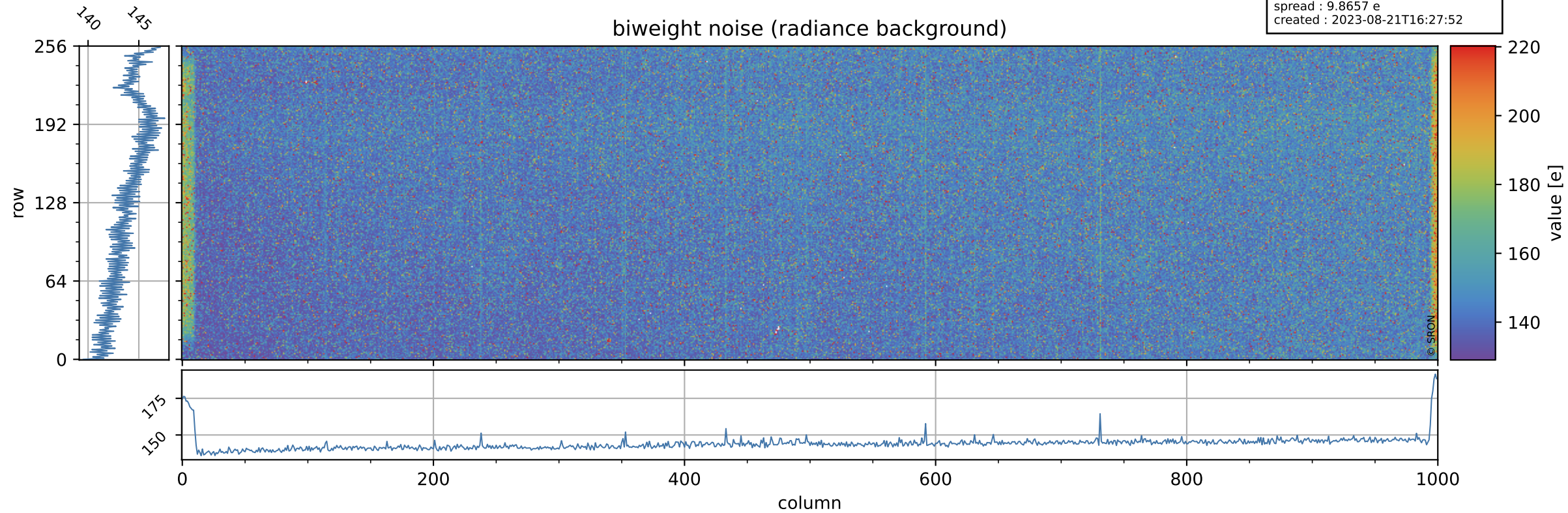
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.8657 e  
created : 2023-08-21T16:27:52

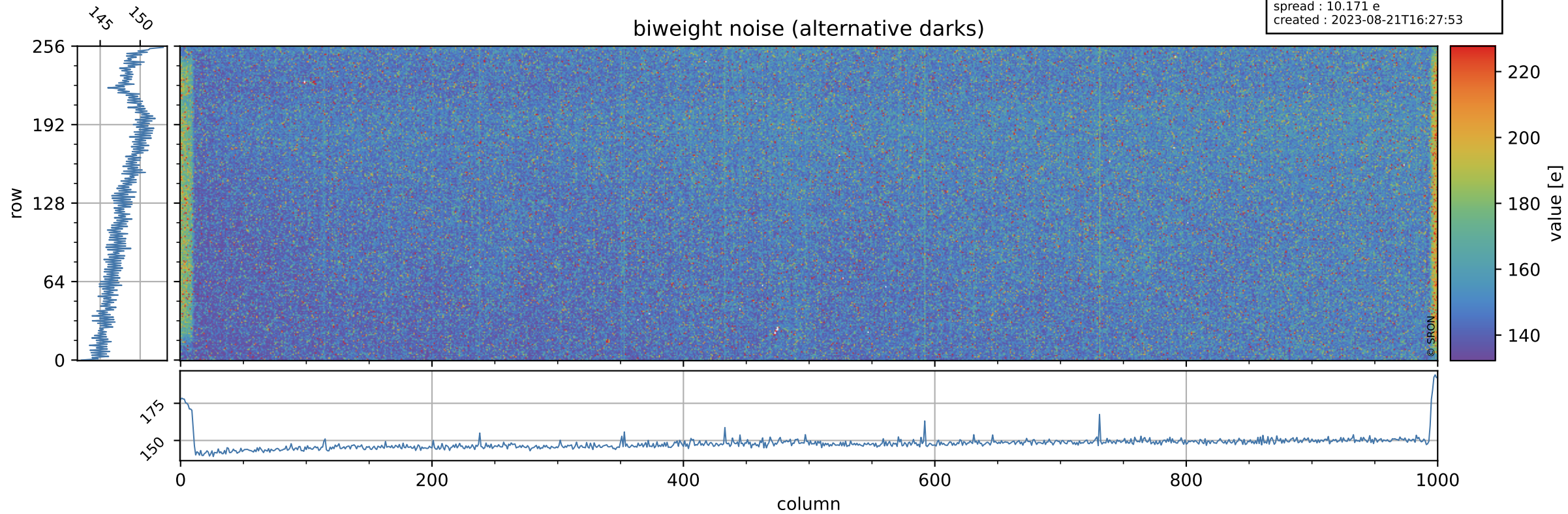
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.171 e  
created : 2023-08-21T16:27:53

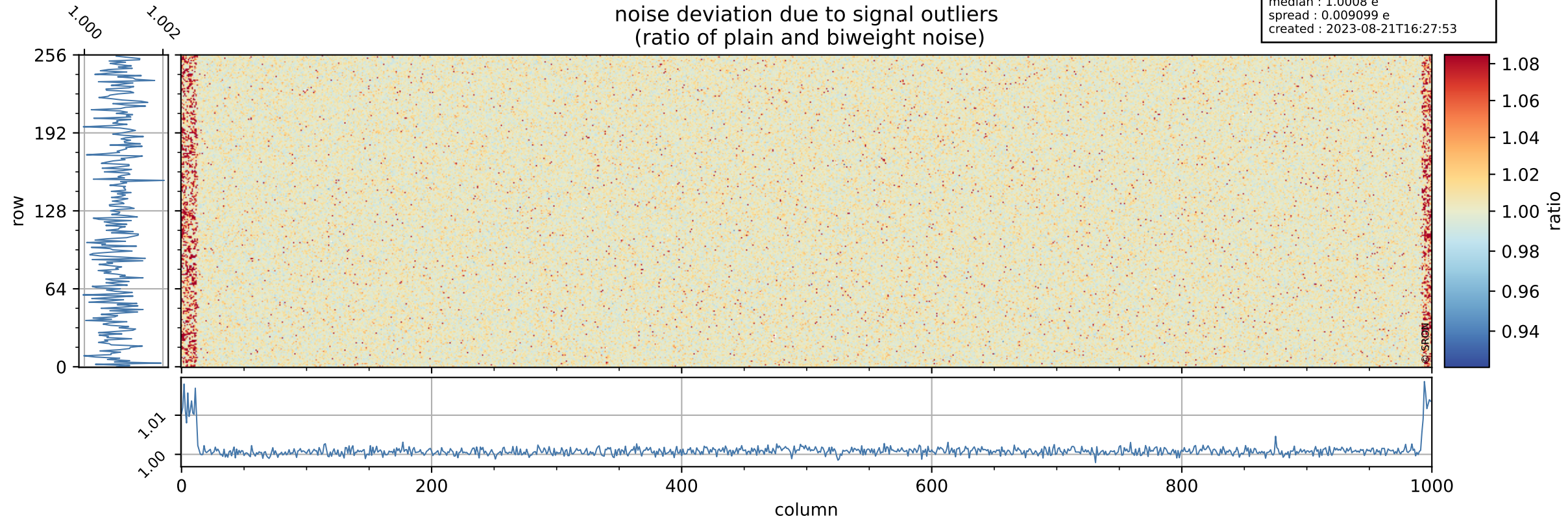
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

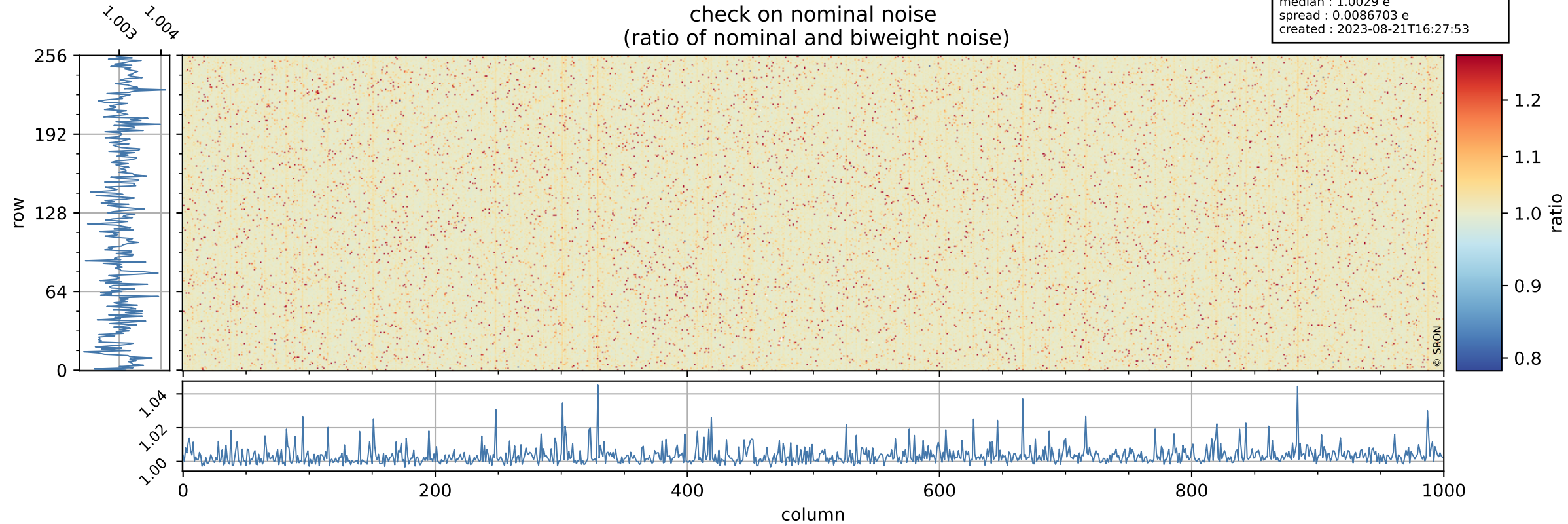
orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
median : 1.0008 e  
spread : 0.009099 e  
created : 2023-08-21T16:27:53



# Tropomi SWIR background noise (swir)

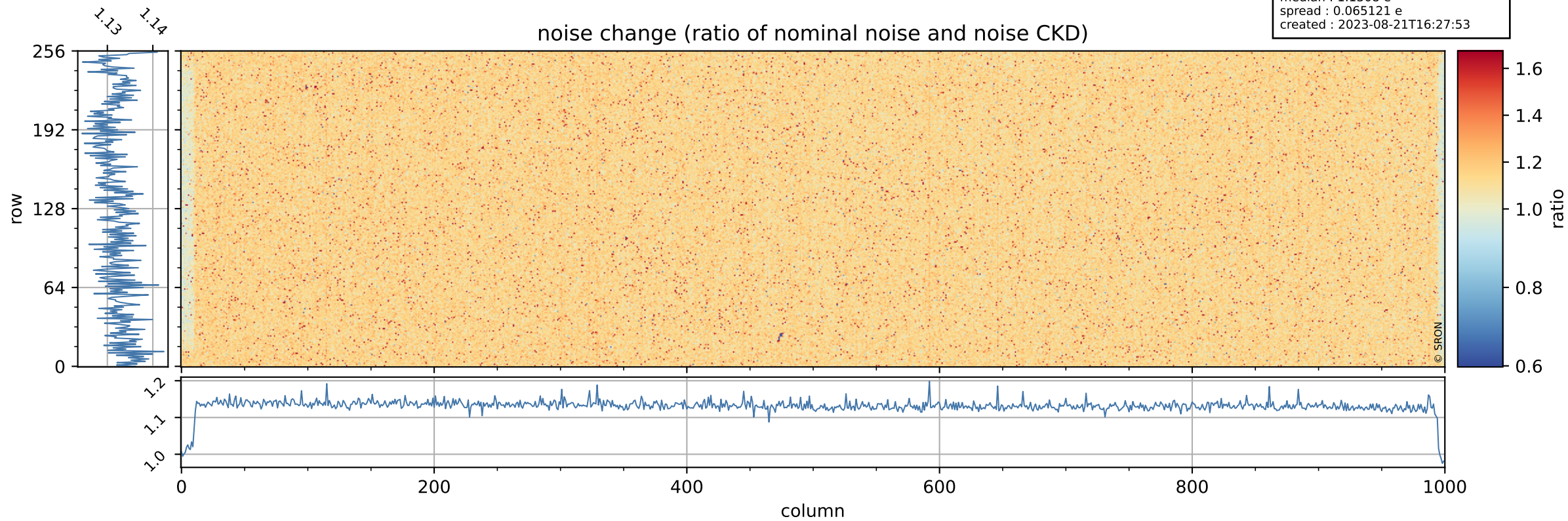
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
median : 1.0029 e  
spread : 0.0086703 e  
created : 2023-08-21T16:27:53



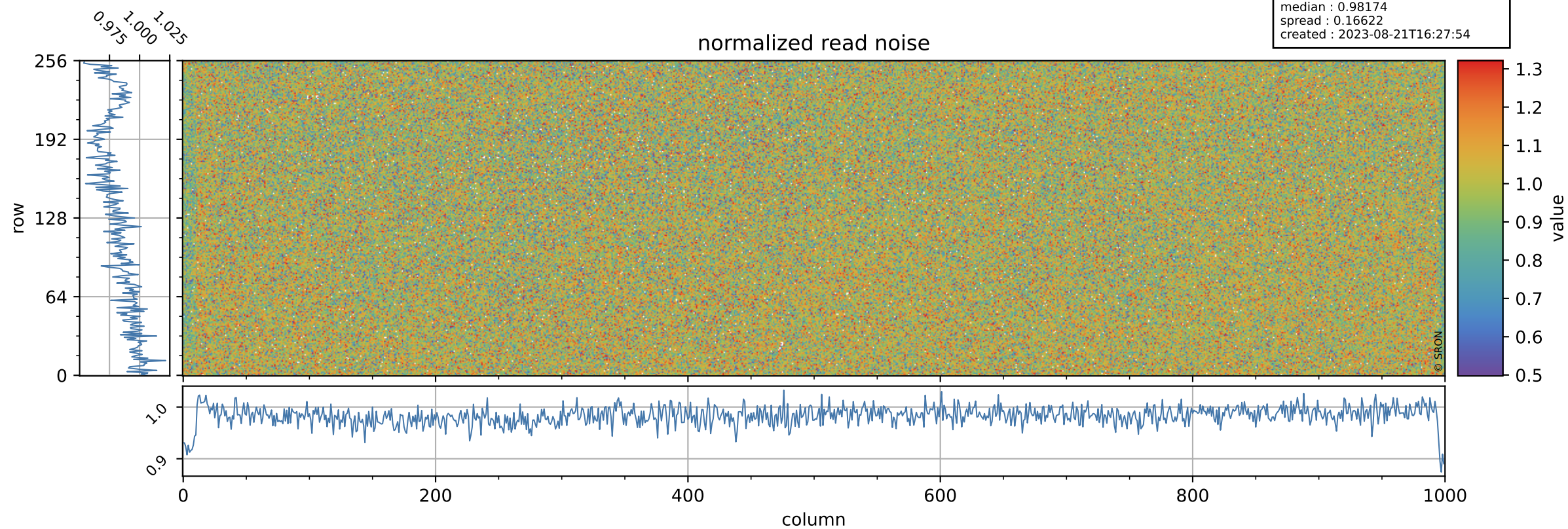
# Tropomi SWIR background noise (swir)

orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
median : 1.1308 e  
spread : 0.065121 e  
created : 2023-08-21T16:27:53



# Tropomi SWIR background noise (swir)

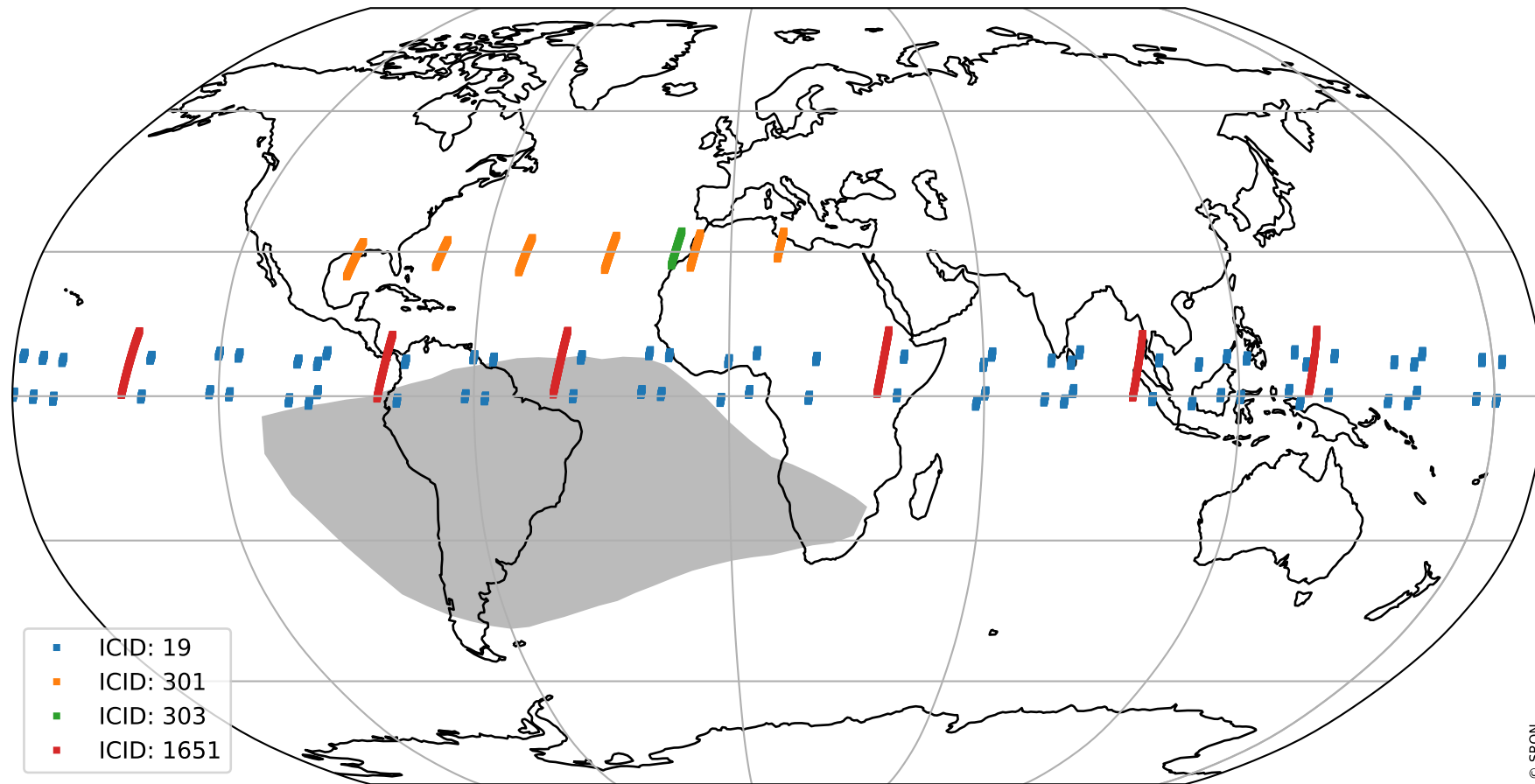
orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
median : 0.98174  
spread : 0.16622  
created : 2023-08-21T16:27:54





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

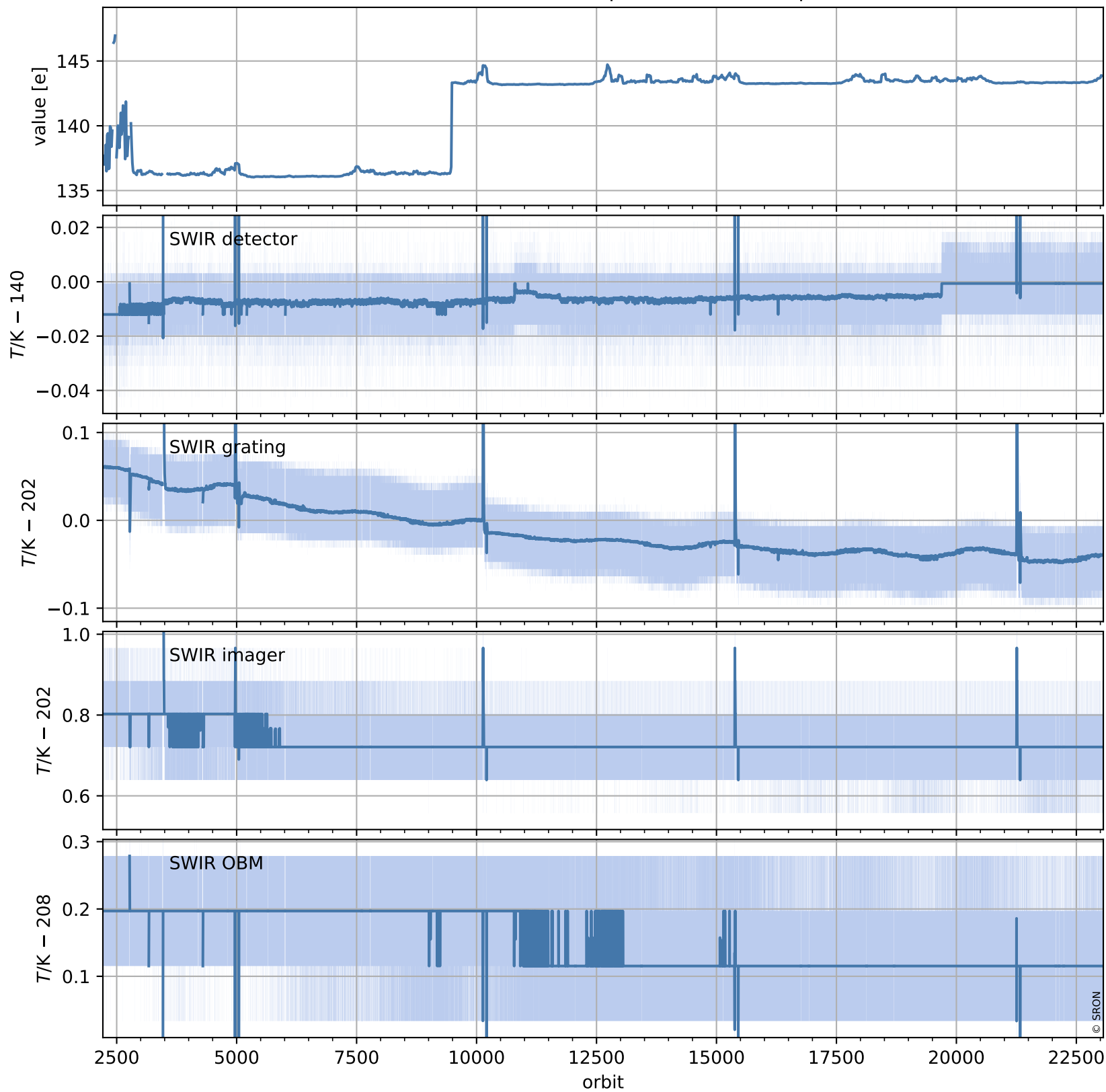
orbits : 13 in [22987, 23062]  
coverage : 2022-03-20 / 2022-03-26  
created : 2023-08-21T16:27:54



# Tropomi SWIR background noise (swir)

orbits : [2212, 23062]  
coverage : 2018-03-18 / 2022-03-26  
created : 2023-08-21T16:27:54

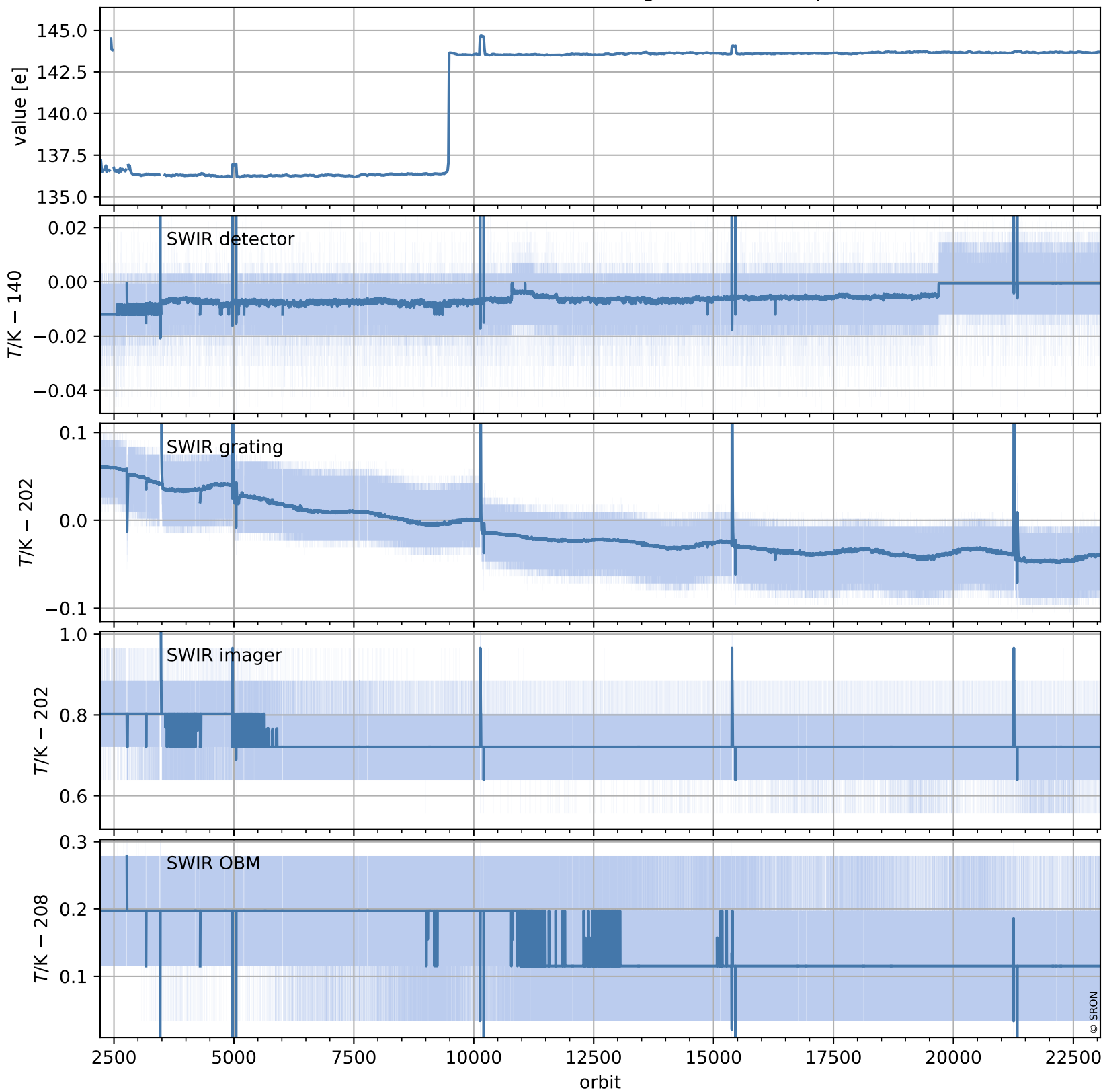
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23062]  
coverage : 2018-03-18 / 2022-03-26  
created : 2023-08-21T16:27:55

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23062]  
coverage : 2018-03-18 / 2022-03-26  
created : 2023-08-21T16:27:56

## trend of normalized read-noise & temperatures

