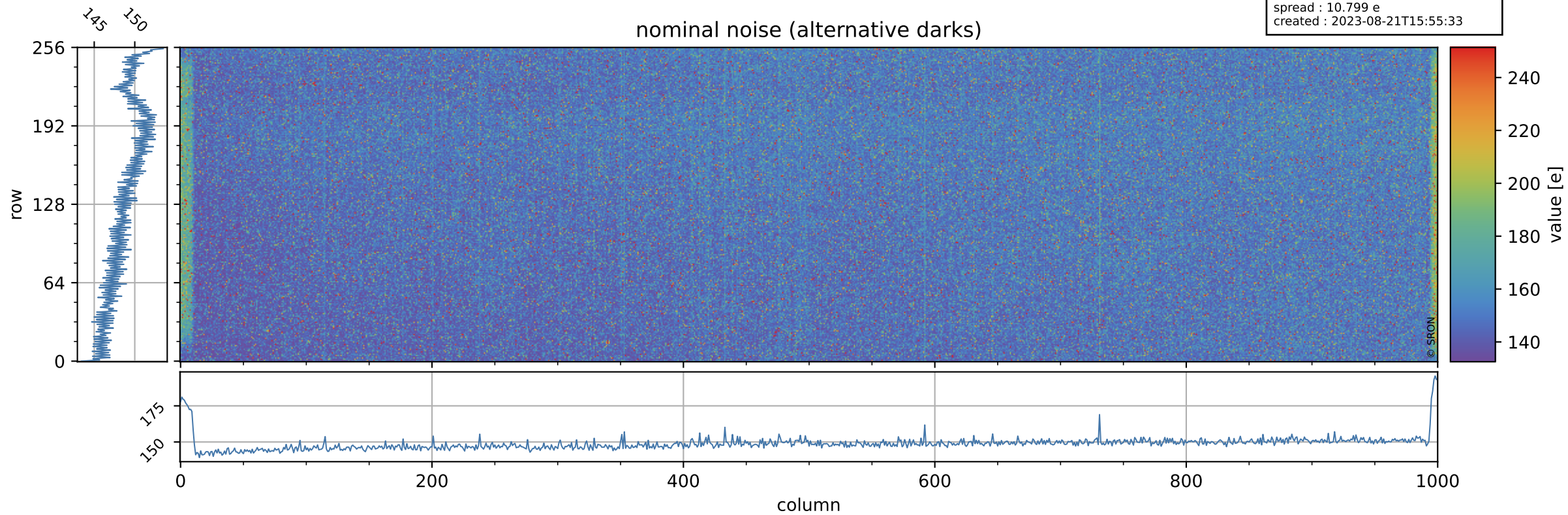


# Tropomi SWIR background noise (swir)

orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
n\_coad, t\_exp : 1, 1.0783  
median : 148.67 e  
spread : 10.799 e  
created : 2023-08-21T15:55:33

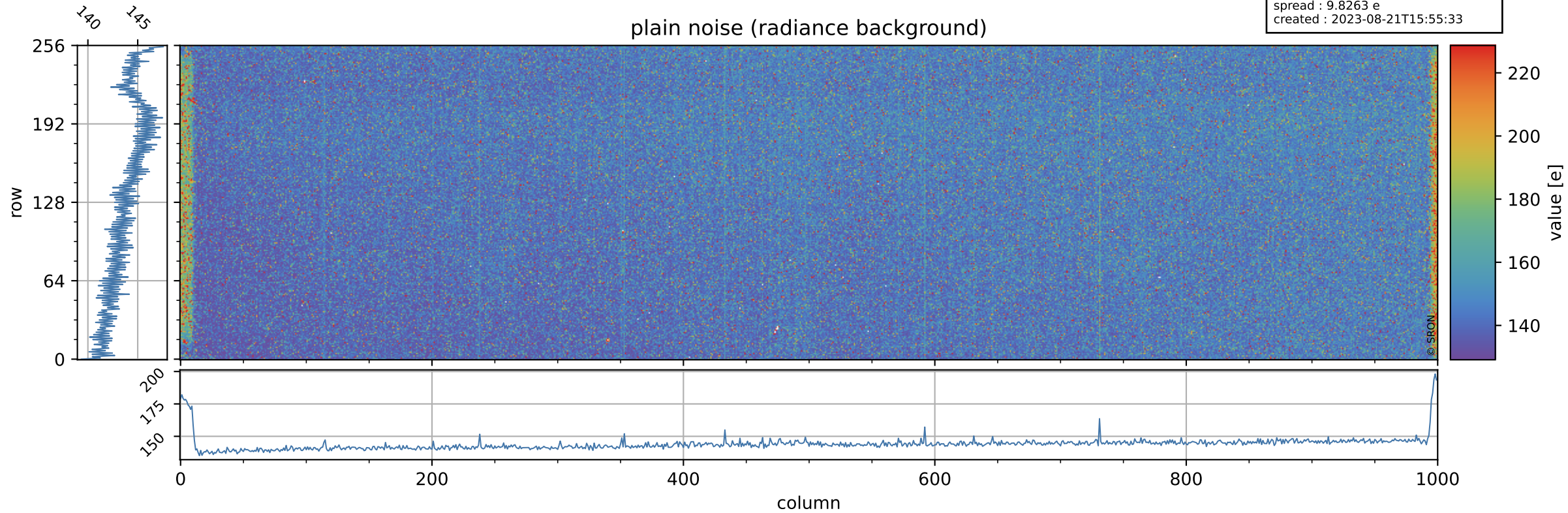
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
n\_coad, t\_exp : 1, 0.8383  
median : 143.73 e  
spread : 9.8263 e  
created : 2023-08-21T15:55:33

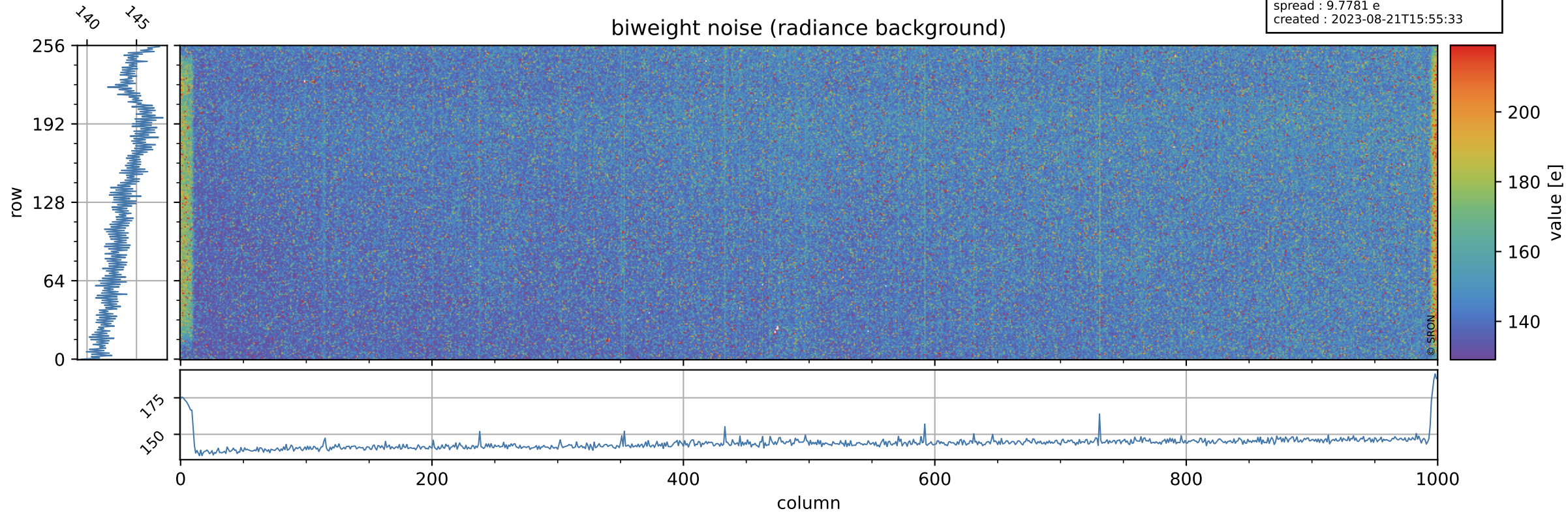
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

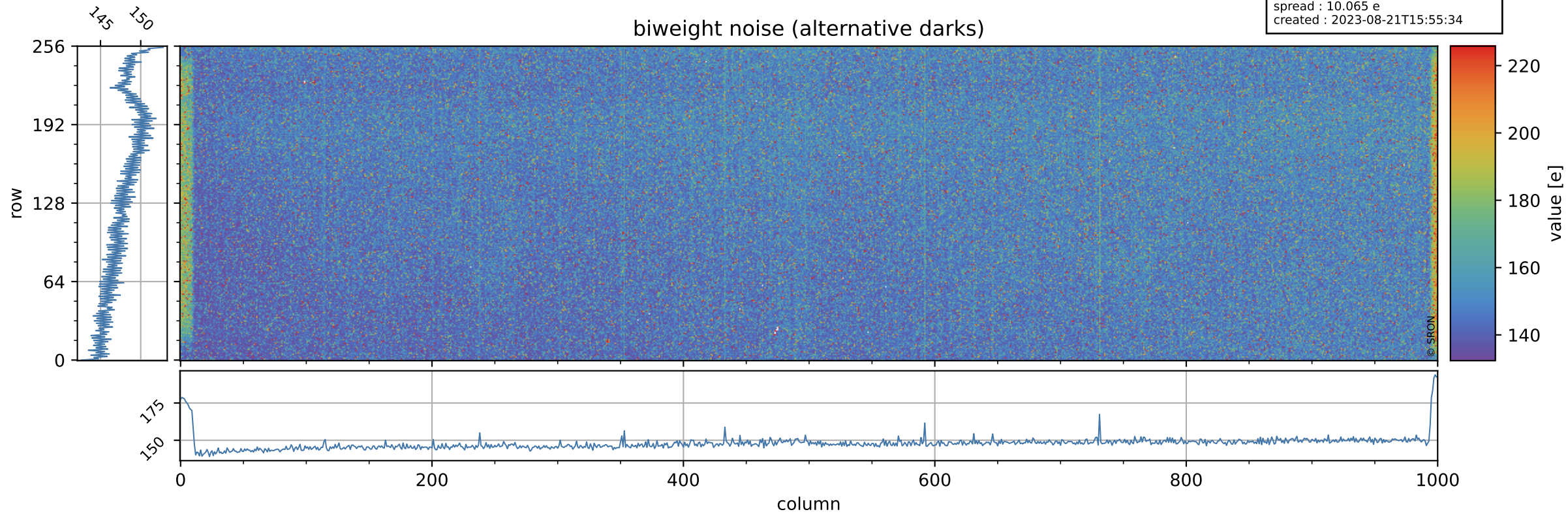
orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
n\_coad, t\_exp : 1, 0.8383  
median : 143.72 e  
spread : 9.7781 e  
created : 2023-08-21T15:55:33

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

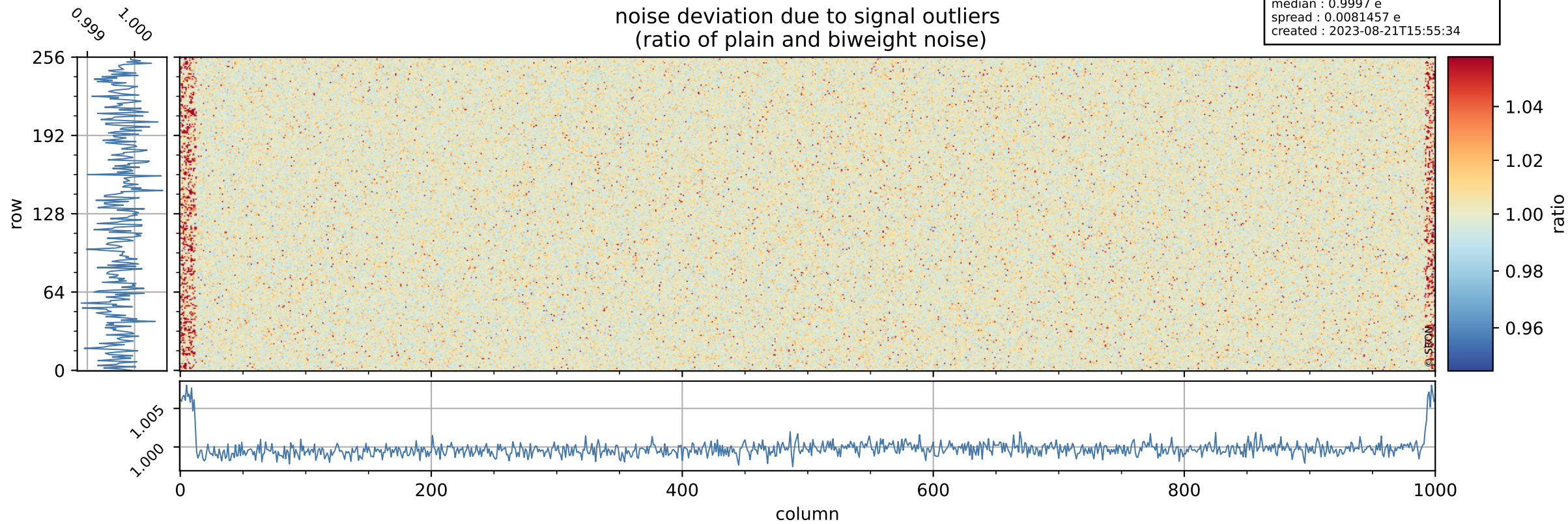
orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
n\_coad, t\_exp : 1, 1.0783  
median : 147.71 e  
spread : 10.065 e  
created : 2023-08-21T15:55:34



# Tropomi SWIR background noise (swir)

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

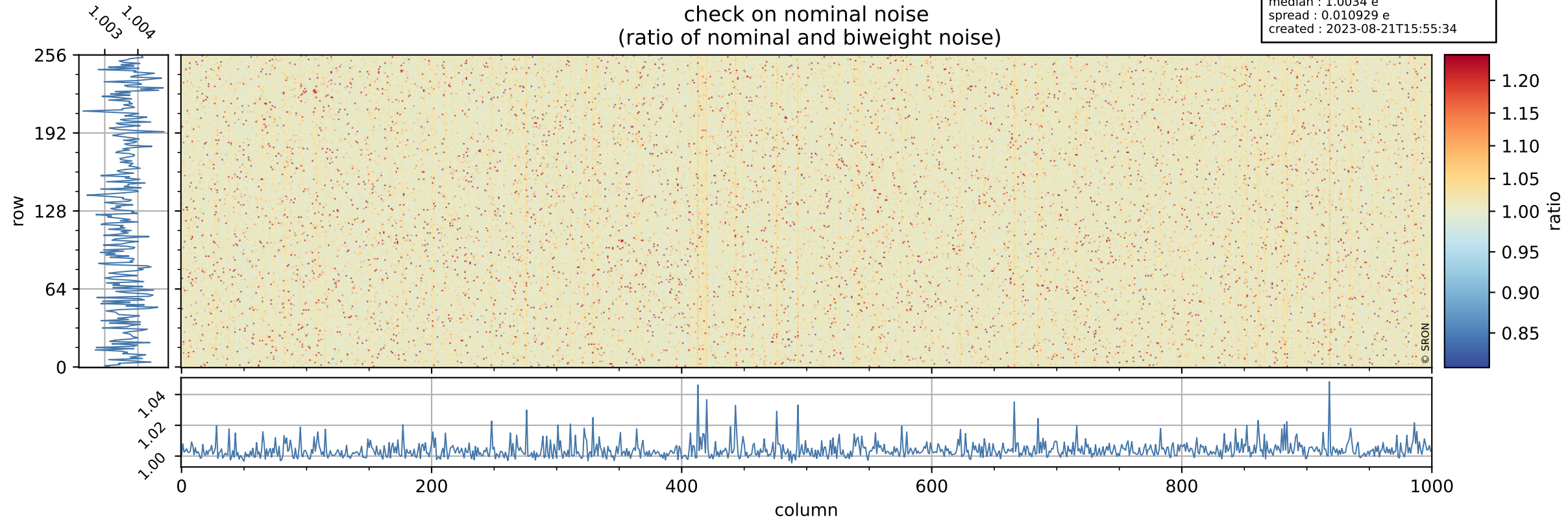
orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
median : 0.9997 e  
spread : 0.0081457 e  
created : 2023-08-21T15:55:34



# Tropomi SWIR background noise (swir)

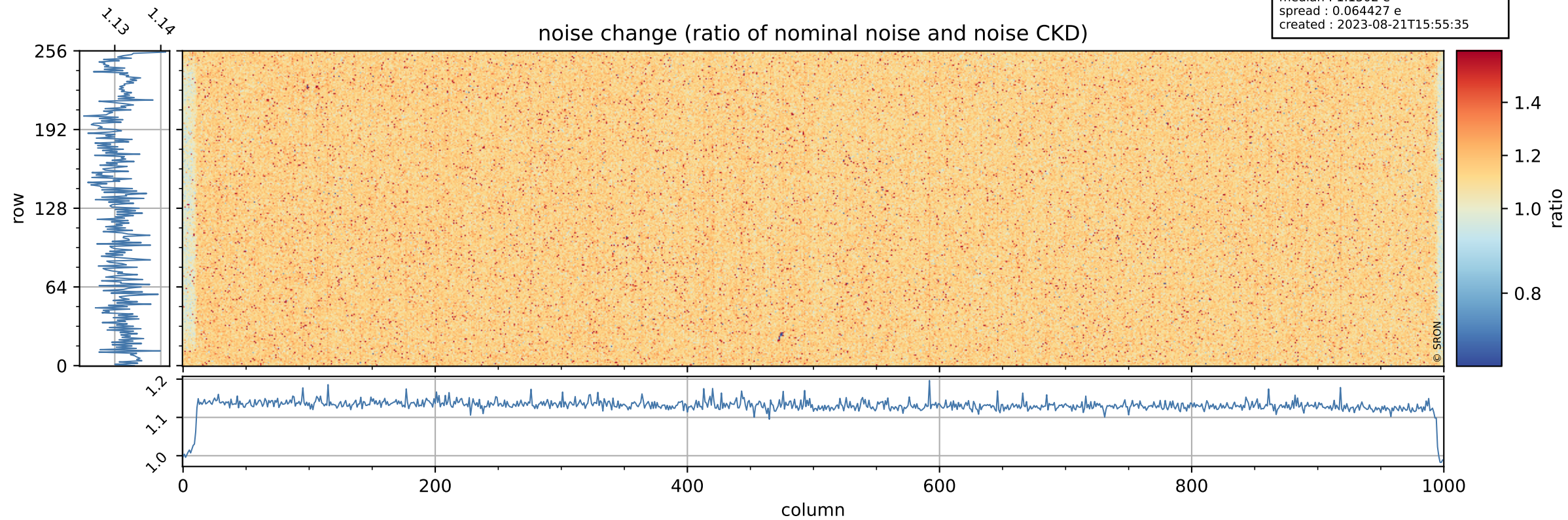
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
median : 1.0034 e  
spread : 0.010929 e  
created : 2023-08-21T15:55:34



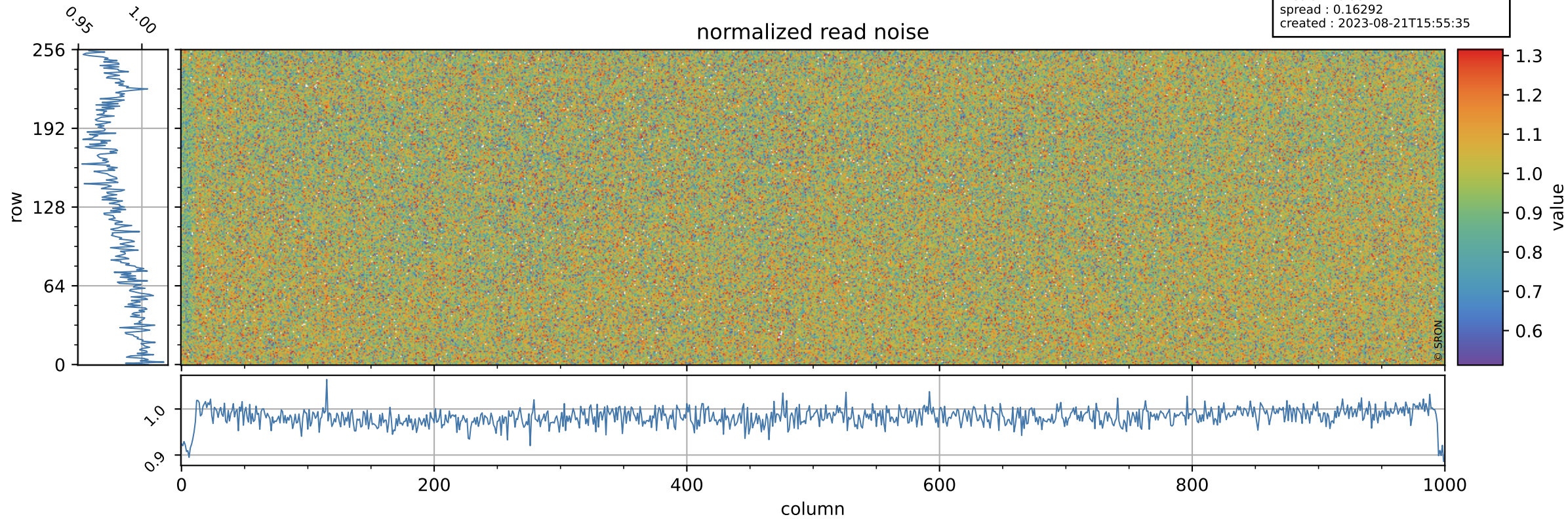
# Tropomi SWIR background noise (swir)

orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
median : 1.1302 e  
spread : 0.064427 e  
created : 2023-08-21T15:55:35



# Tropomi SWIR background noise (swir)

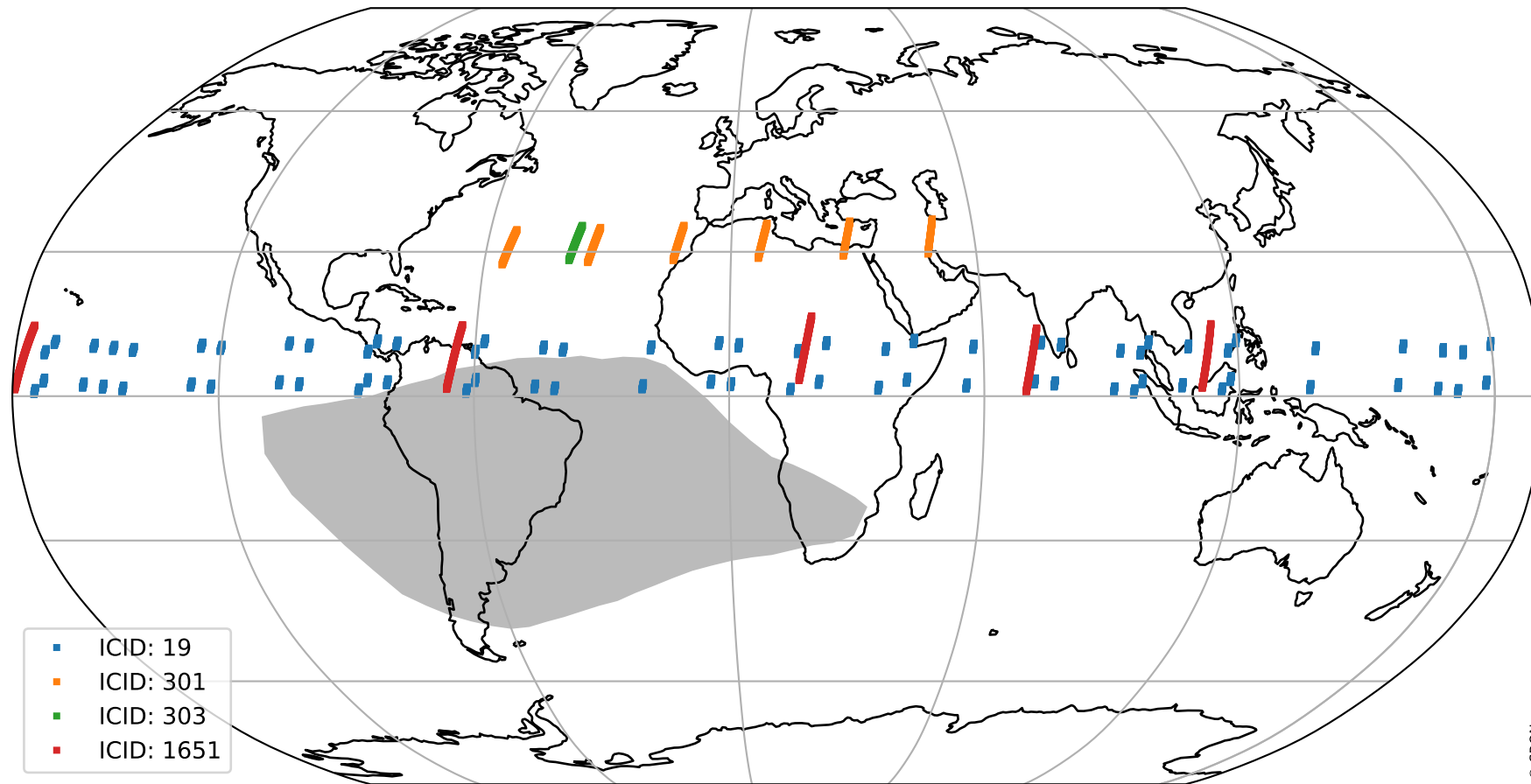
orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
median : 0.98127  
spread : 0.16292  
created : 2023-08-21T15:55:35





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

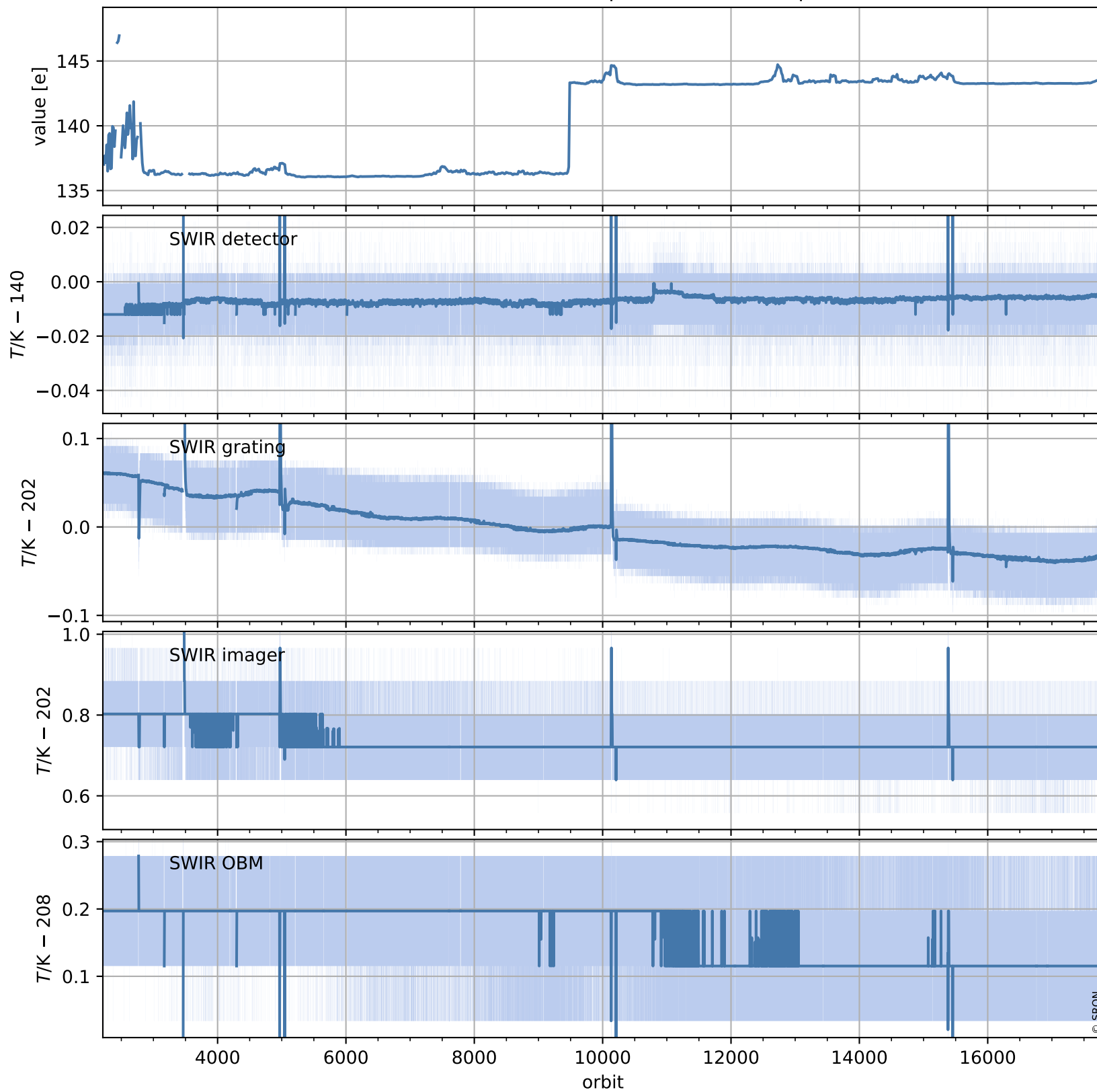
orbits : 12 in [17707, 17797]  
coverage : 2021-03-14 / 2021-03-20  
created : 2023-08-21T15:55:35



# Tropomi SWIR background noise (swir)

orbits : [2212, 17797]  
coverage : 2018-03-18 / 2021-03-20  
created : 2023-08-21T15:55:36

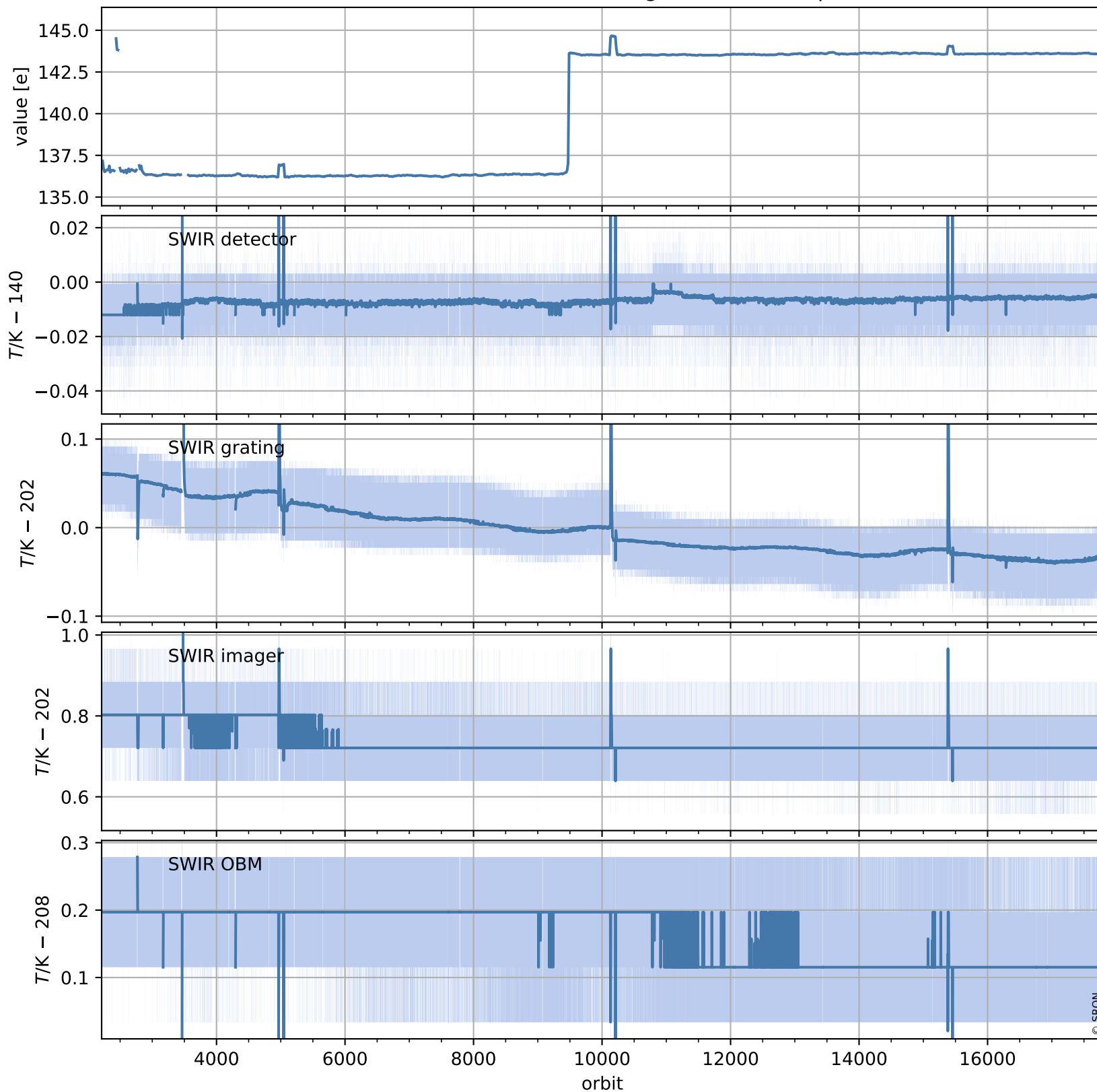
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 17797]  
coverage : 2018-03-18 / 2021-03-20  
created : 2023-08-21T15:55:36

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 17797]  
coverage : 2018-03-18 / 2021-03-20  
created : 2023-08-21T15:55:37

## trend of normalized read-noise & temperatures

