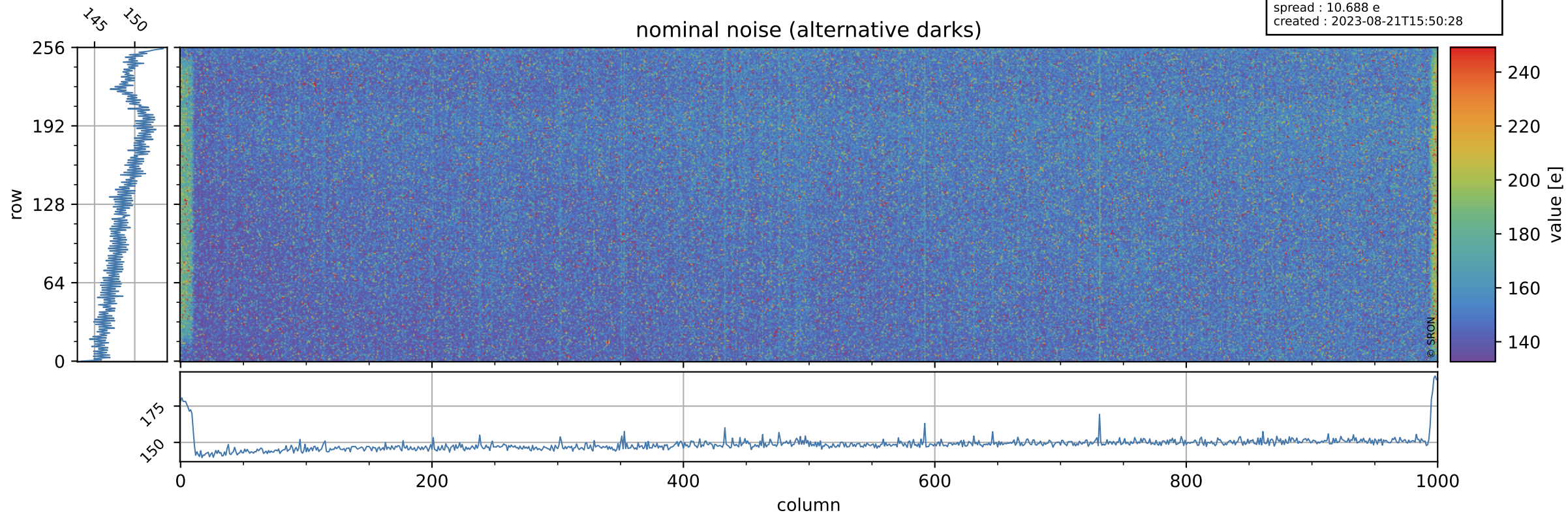


# Tropomi SWIR background noise (swir)

orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
n\_coad, t\_exp : 1, 1.0783  
median : 148.56 e  
spread : 10.688 e  
created : 2023-08-21T15:50:28

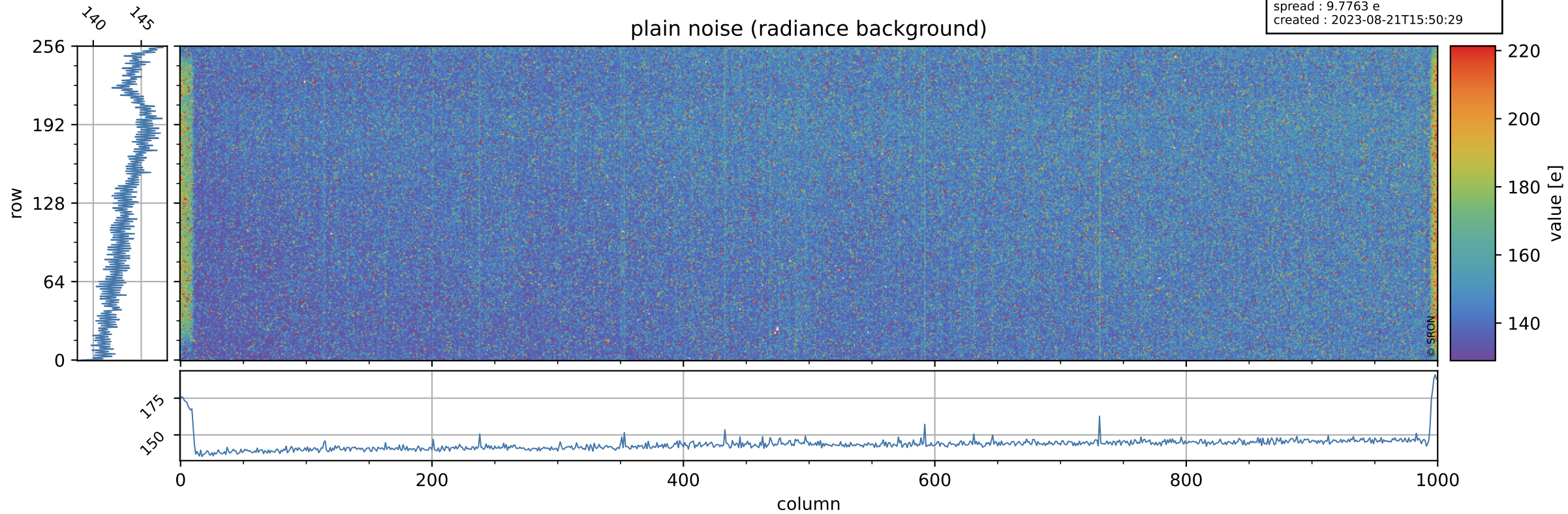
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
n\_coad, t\_exp : 1, 0.8383  
median : 143.42 e  
spread : 9.7763 e  
created : 2023-08-21T15:50:29

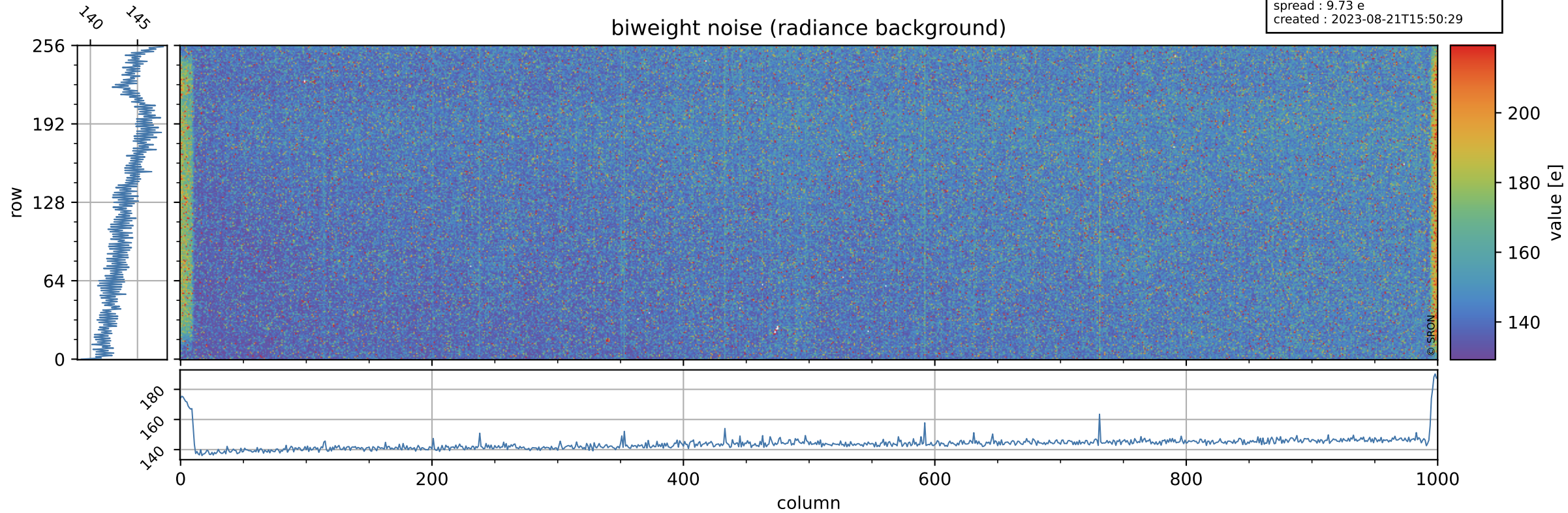
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.73 e  
created : 2023-08-21T15:50:29

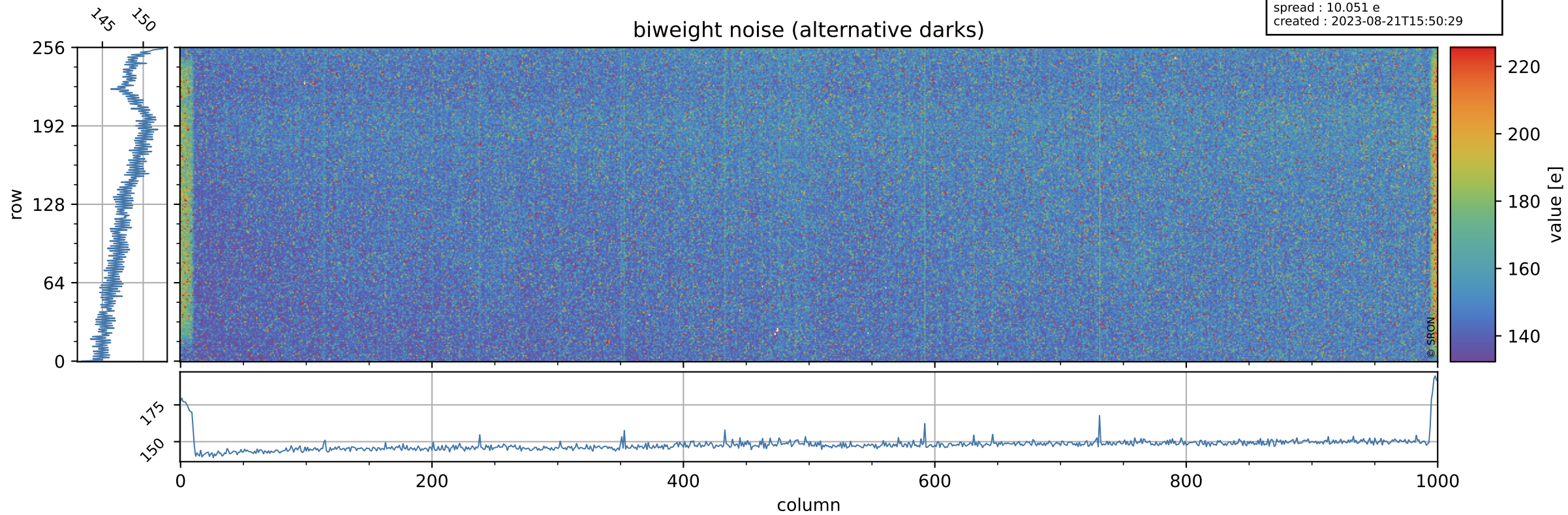
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.051 e  
created : 2023-08-21T15:50:29

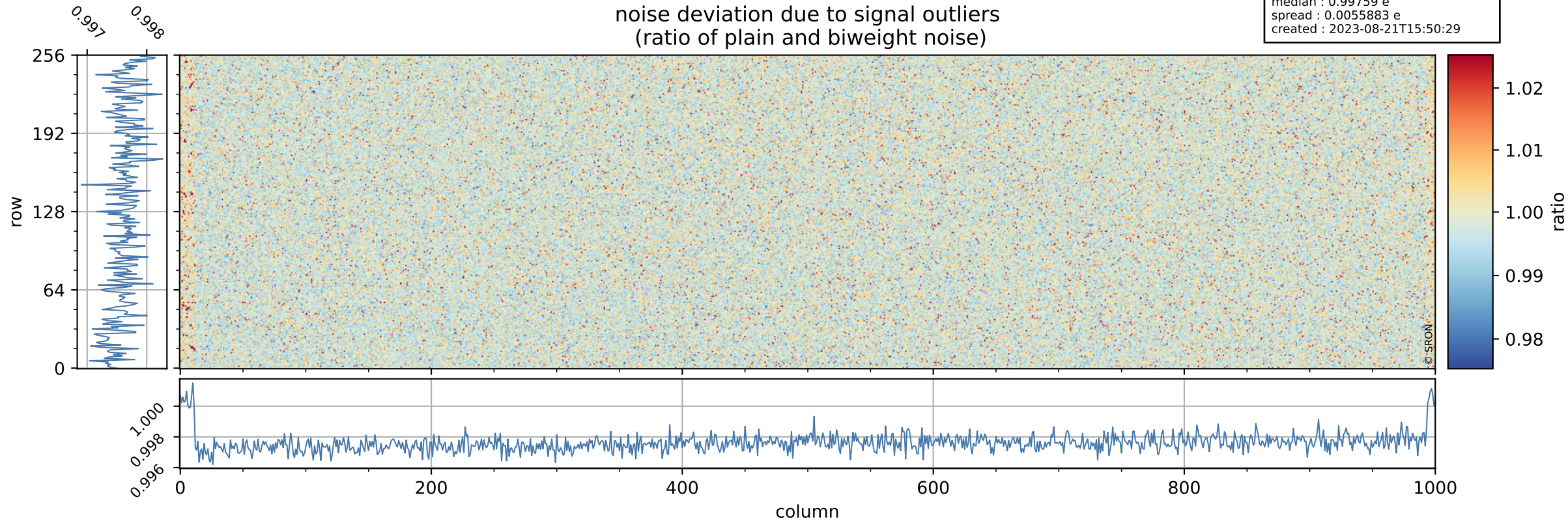
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

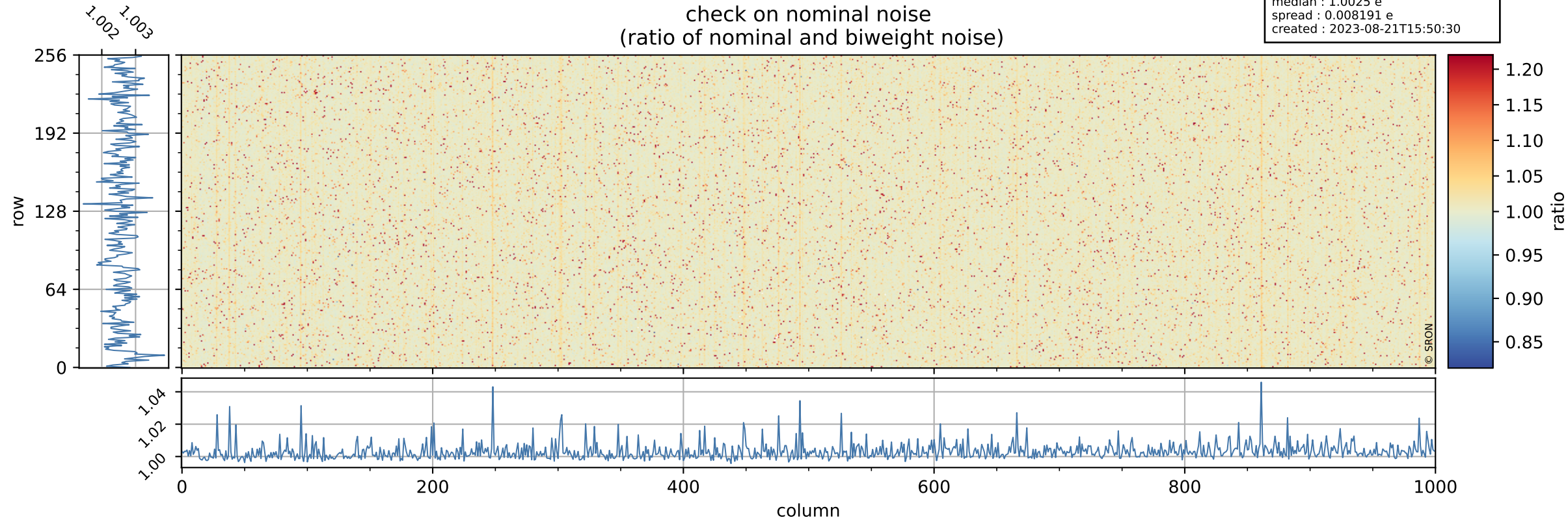
orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
median : 0.99759 e  
spread : 0.0055883 e  
created : 2023-08-21T15:50:29



# Tropomi SWIR background noise (swir)

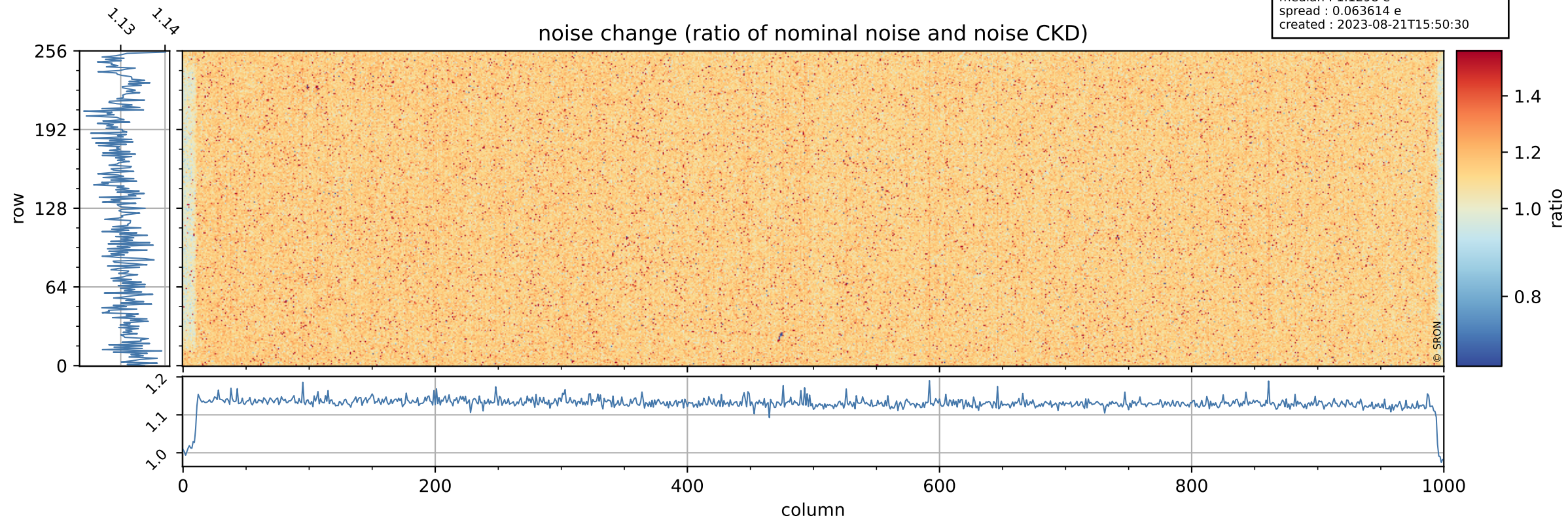
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
median : 1.0025 e  
spread : 0.008191 e  
created : 2023-08-21T15:50:30



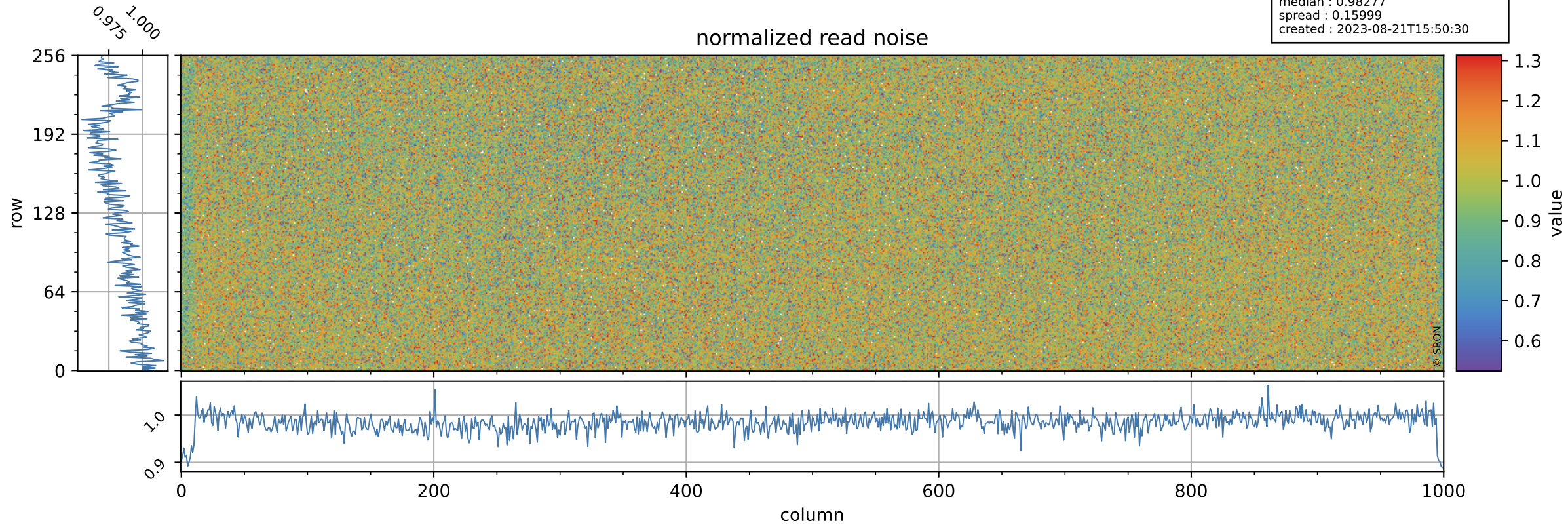
# Tropomi SWIR background noise (swir)

orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
median : 1.1298 e  
spread : 0.063614 e  
created : 2023-08-21T15:50:30



# Tropomi SWIR background noise (swir)

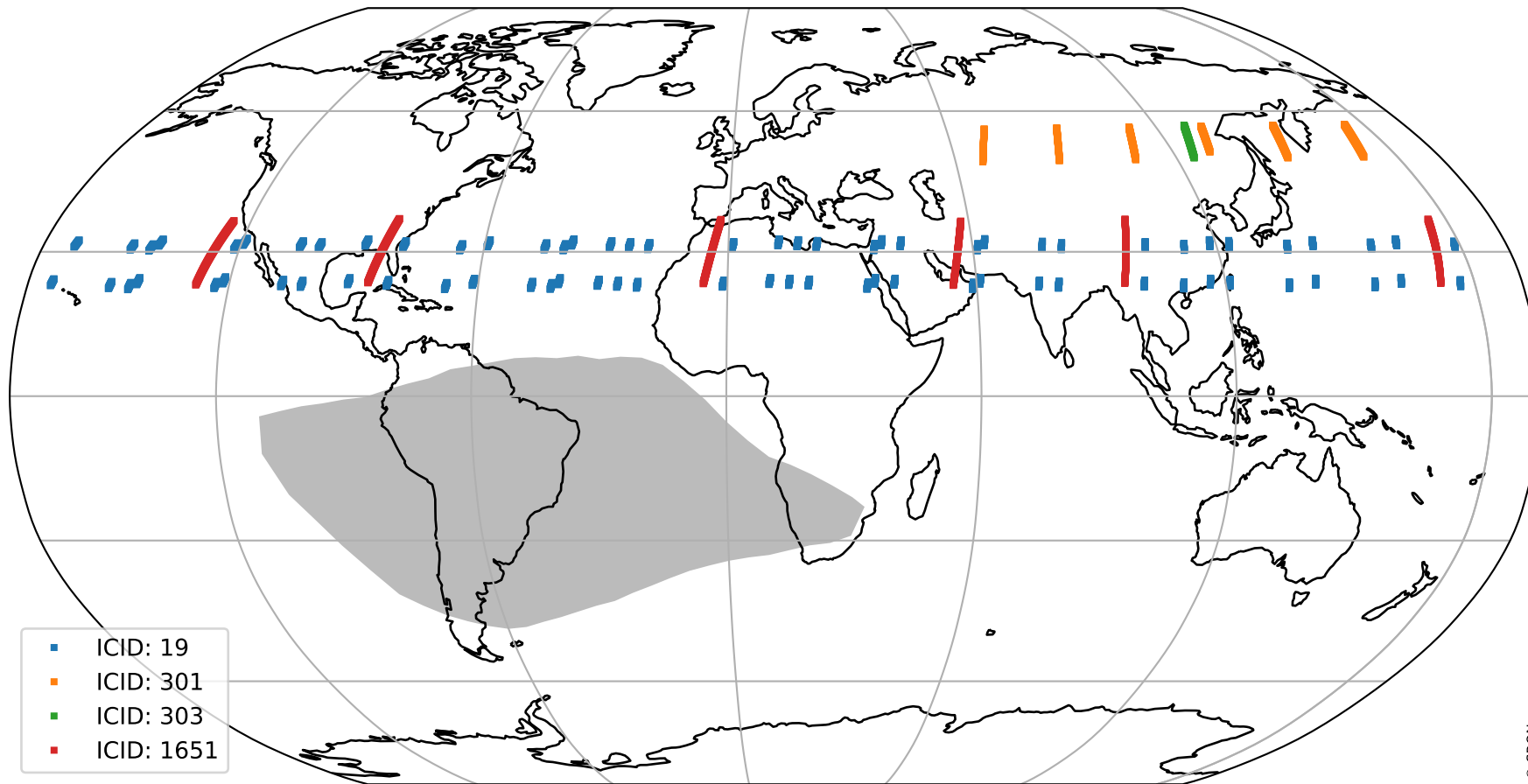
orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
median : 0.98277  
spread : 0.15999  
created : 2023-08-21T15:50:30





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

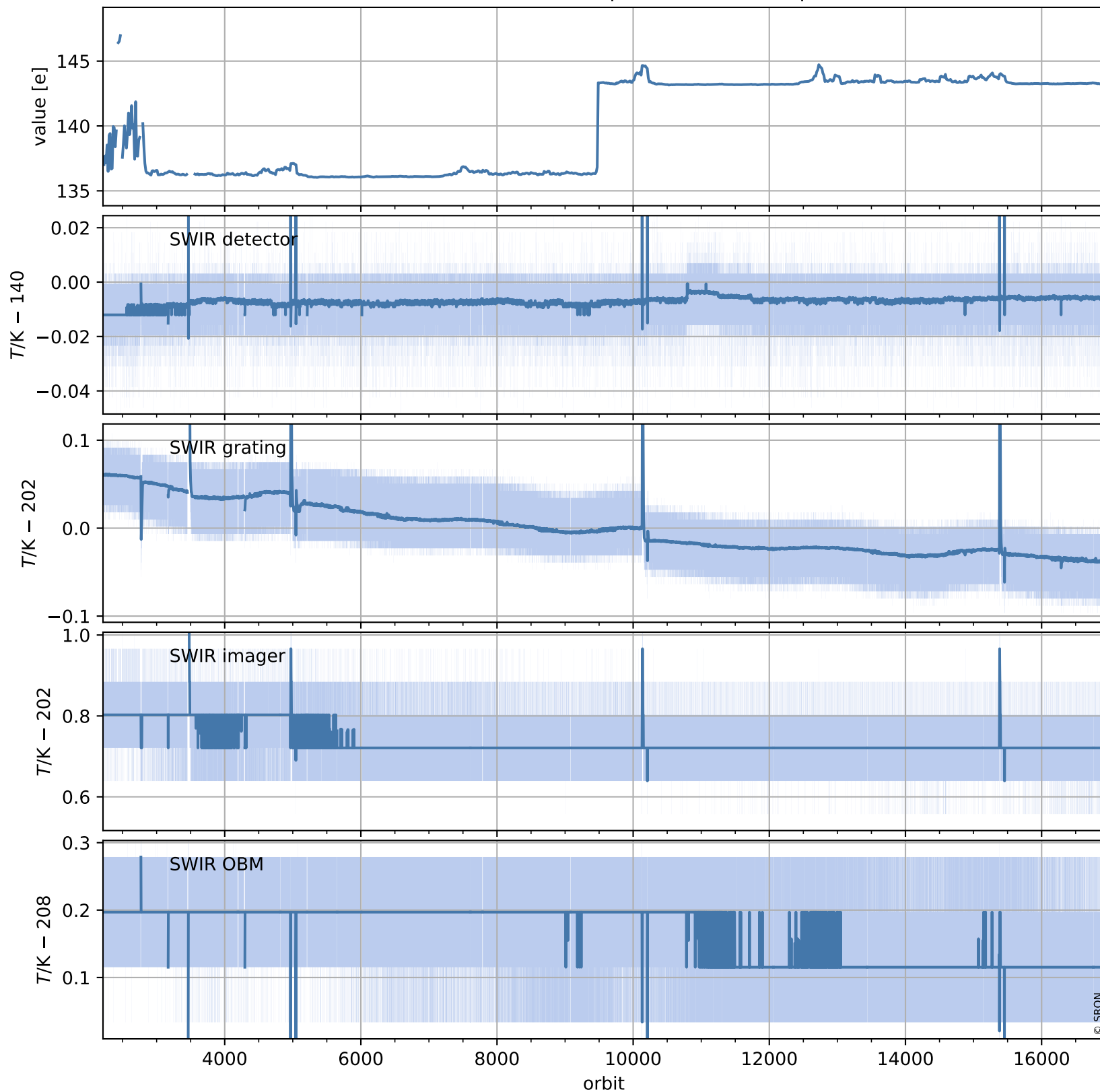
orbits : 13 in [16852, 16927]  
coverage : 2021-01-12 / 2021-01-17  
created : 2023-08-21T15:50:31



# Tropomi SWIR background noise (swir)

orbits : [2212, 16927]  
coverage : 2018-03-18 / 2021-01-17  
created : 2023-08-21T15:50:31

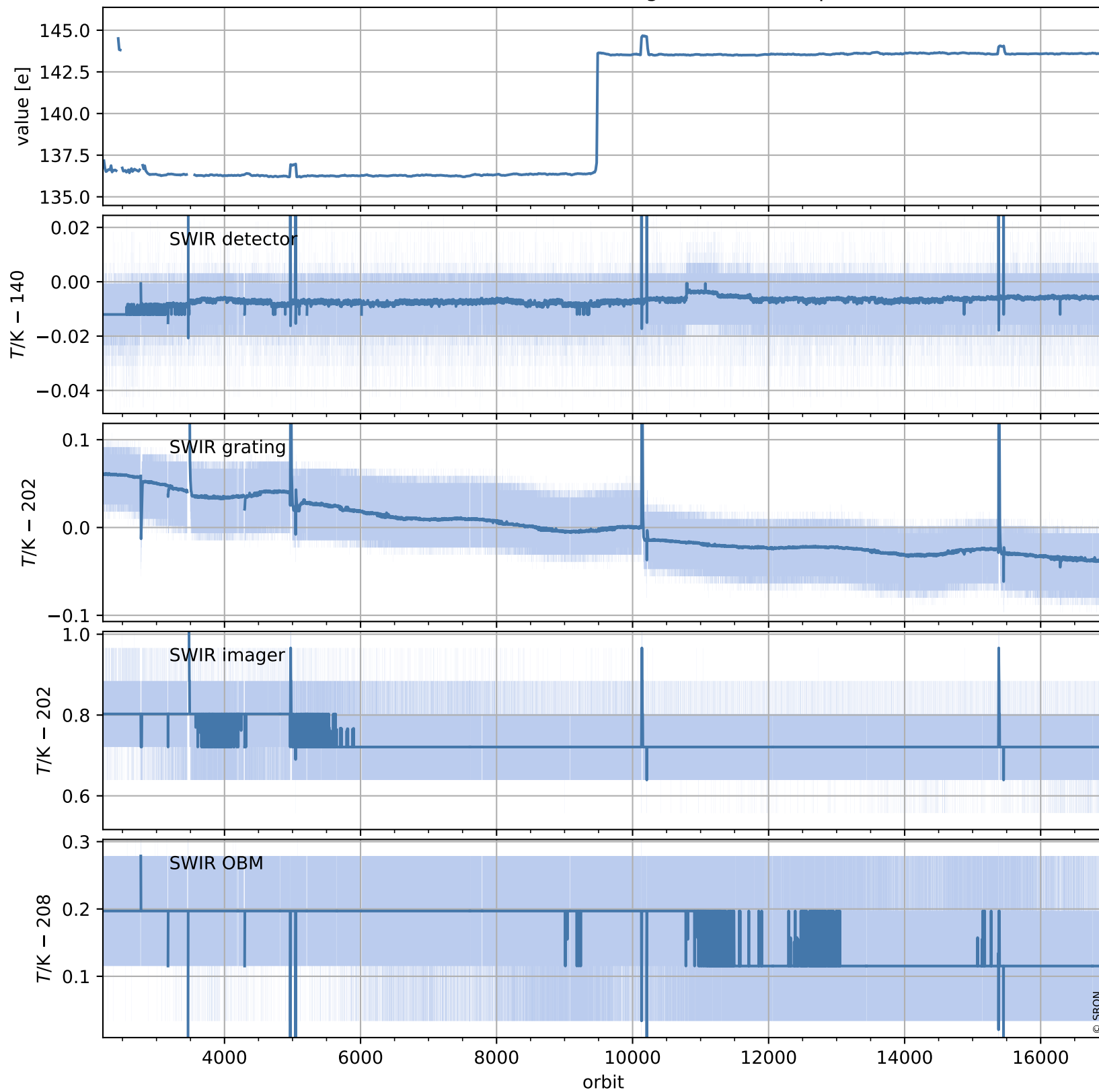
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 16927]  
coverage : 2018-03-18 / 2021-01-17  
created : 2023-08-21T15:50:32

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 16927]  
coverage : 2018-03-18 / 2021-01-17  
created : 2023-08-21T15:50:32

## trend of normalized read-noise & temperatures

