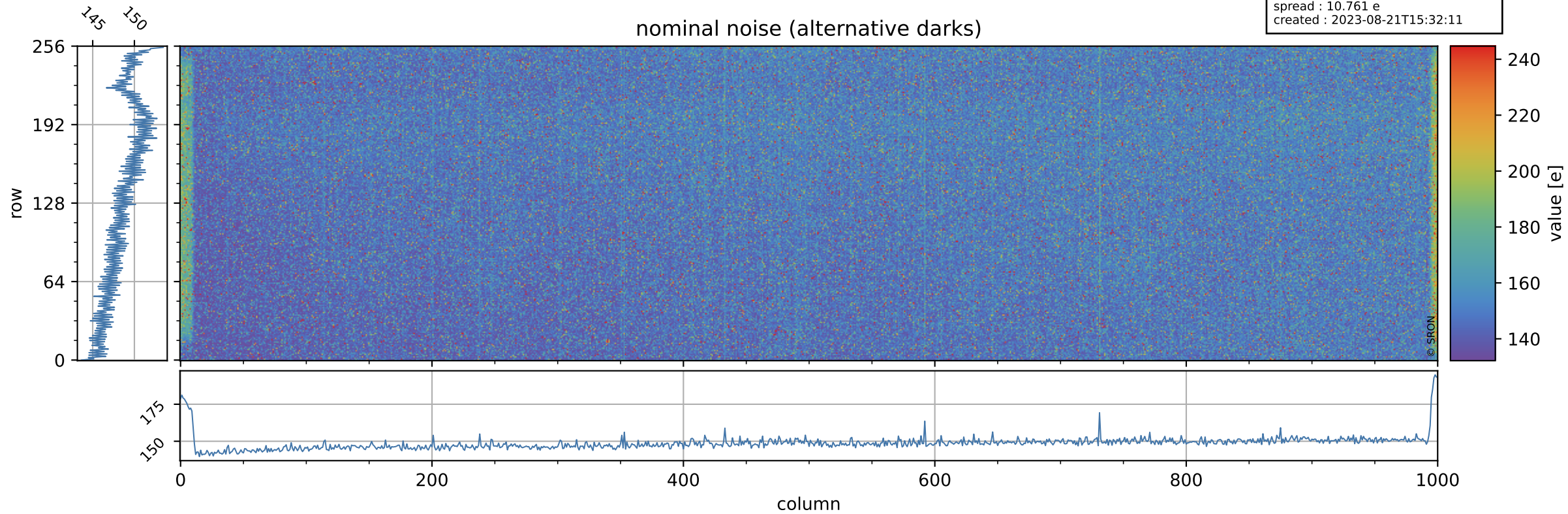


# Tropomi SWIR background noise (swir)

orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.53 e  
spread : 10.761 e  
created : 2023-08-21T15:32:11

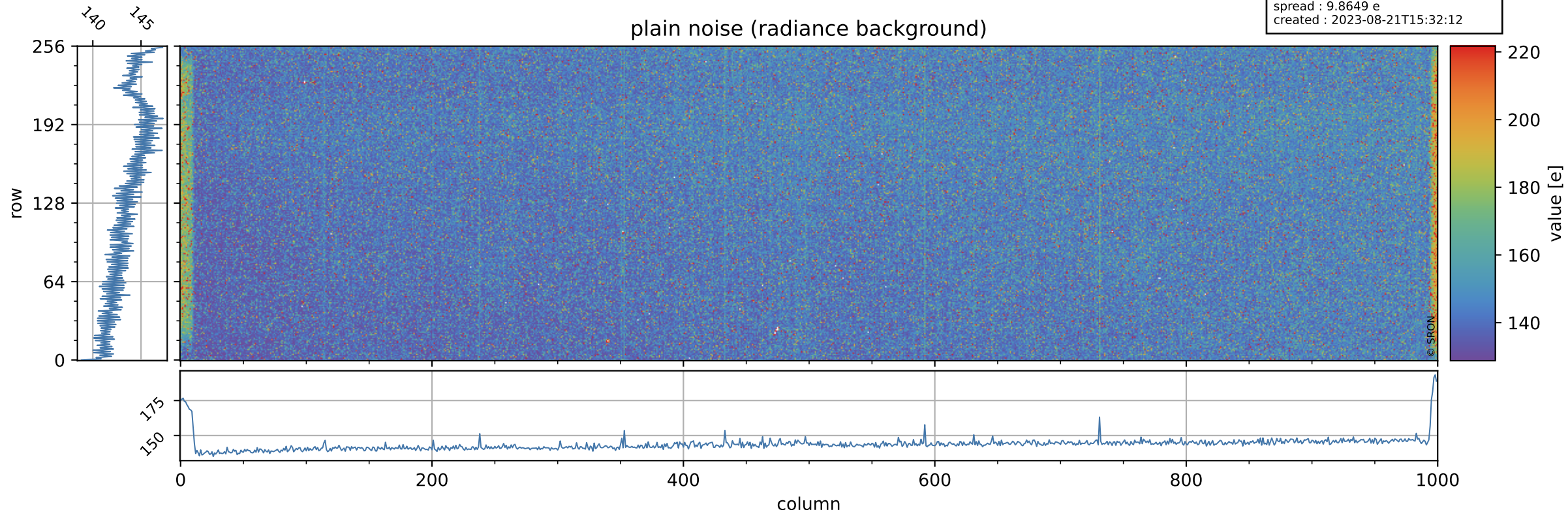
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.5 e  
spread : 9.8649 e  
created : 2023-08-21T15:32:12

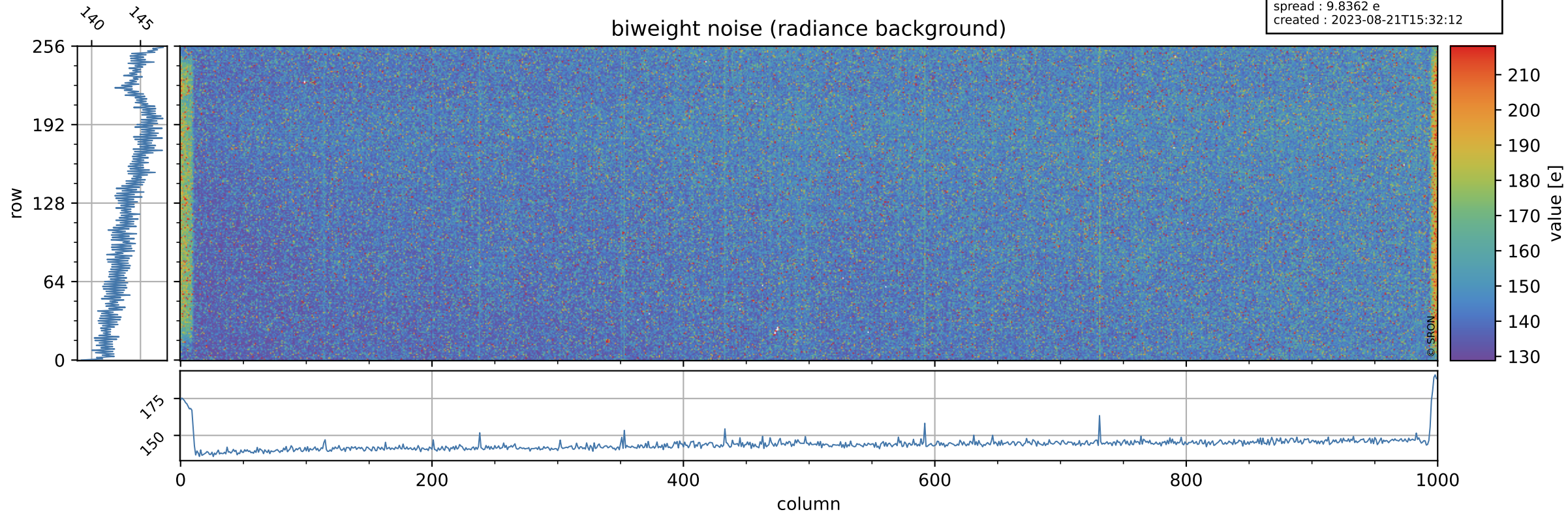
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.74 e  
spread : 9.8362 e  
created : 2023-08-21T15:32:12

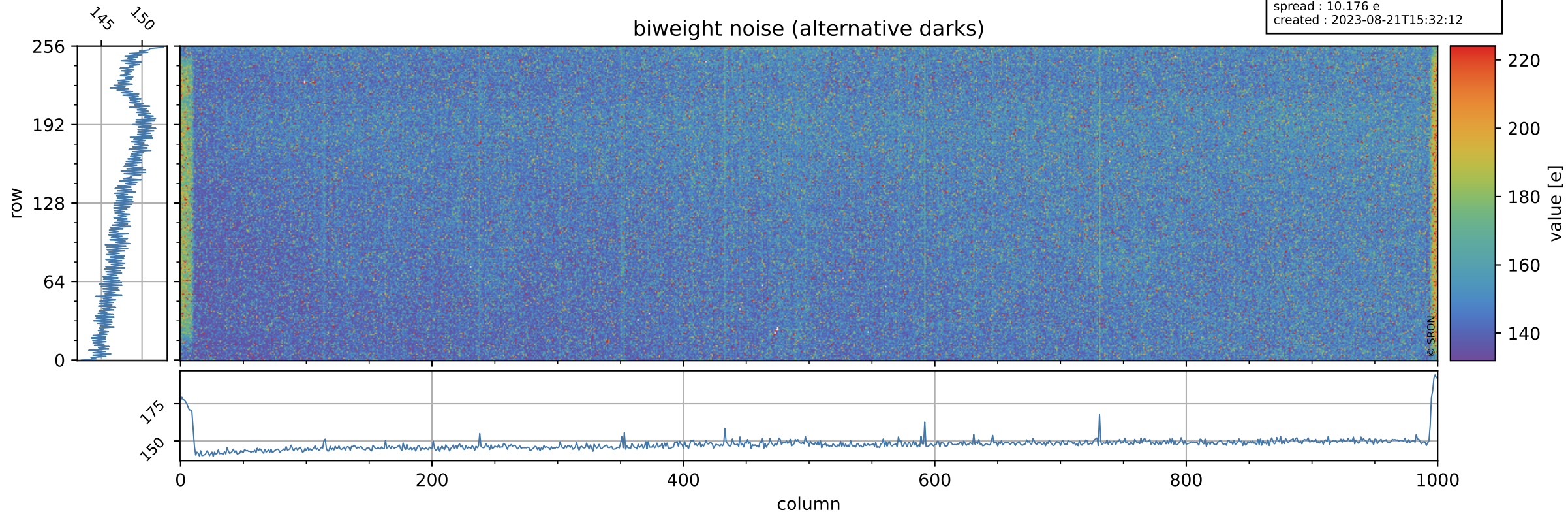
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.68 e  
spread : 10.176 e  
created : 2023-08-21T15:32:12

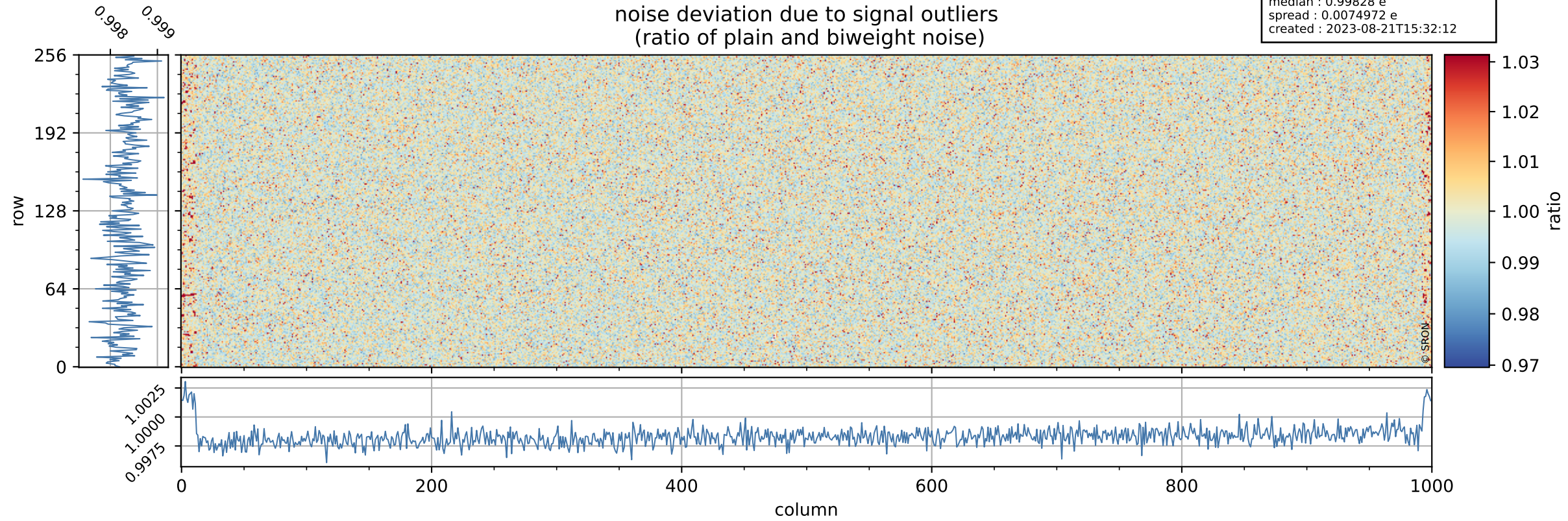
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

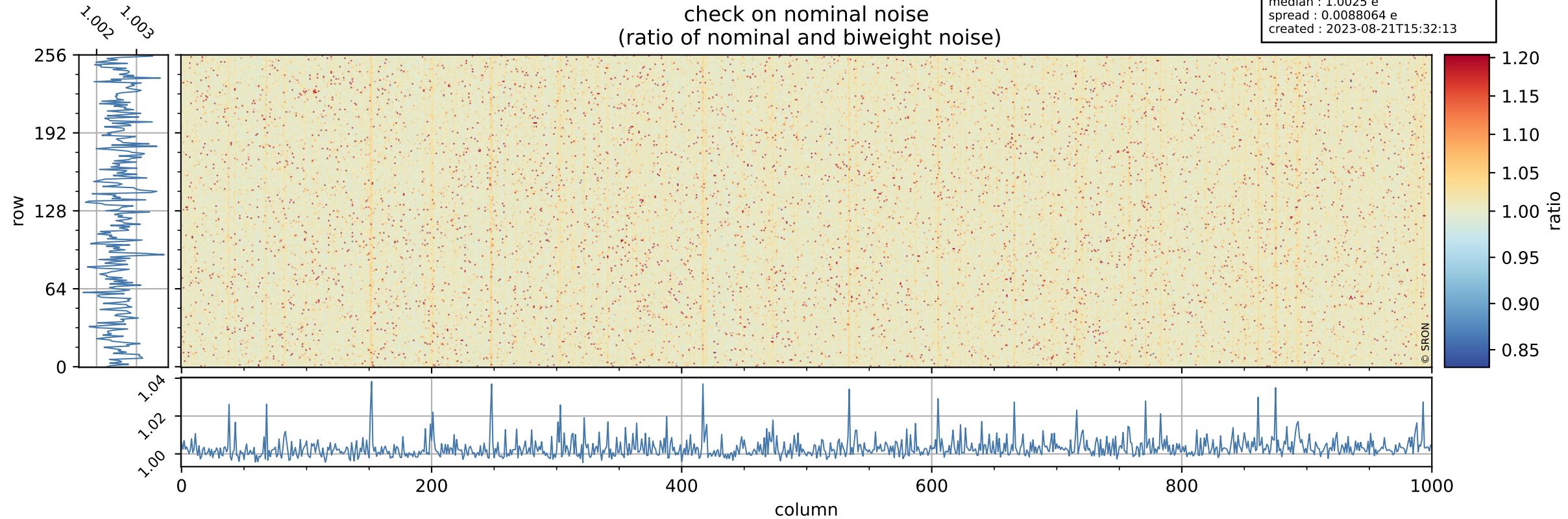
orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
median : 0.99828 e  
spread : 0.0074972 e  
created : 2023-08-21T15:32:12



# Tropomi SWIR background noise (swir)

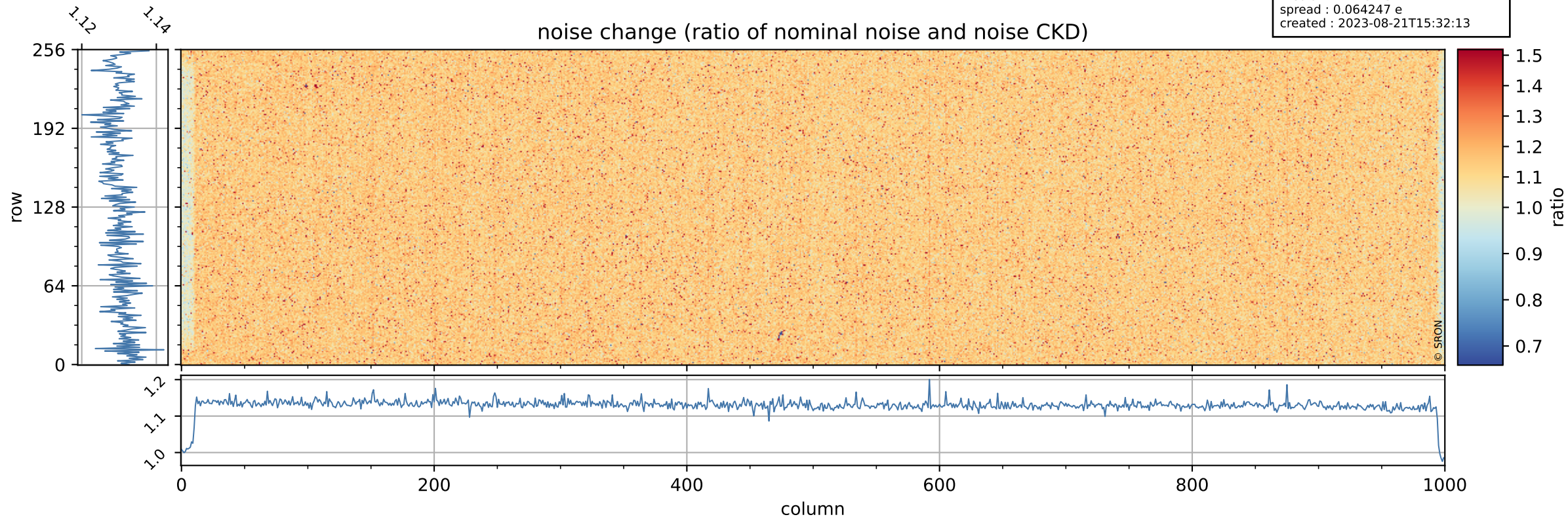
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
median : 1.0025 e  
spread : 0.0088064 e  
created : 2023-08-21T15:32:13



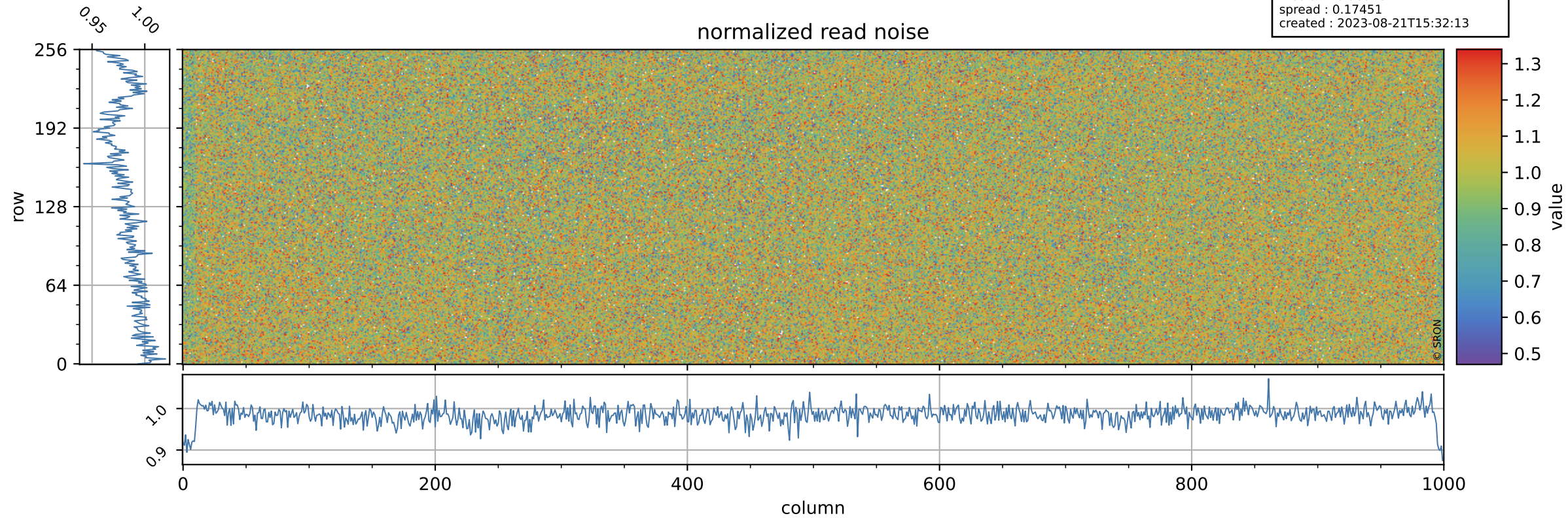
# Tropomi SWIR background noise (swir)

orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
median : 1.1294 e  
spread : 0.064247 e  
created : 2023-08-21T15:32:13



# Tropomi SWIR background noise (swir)

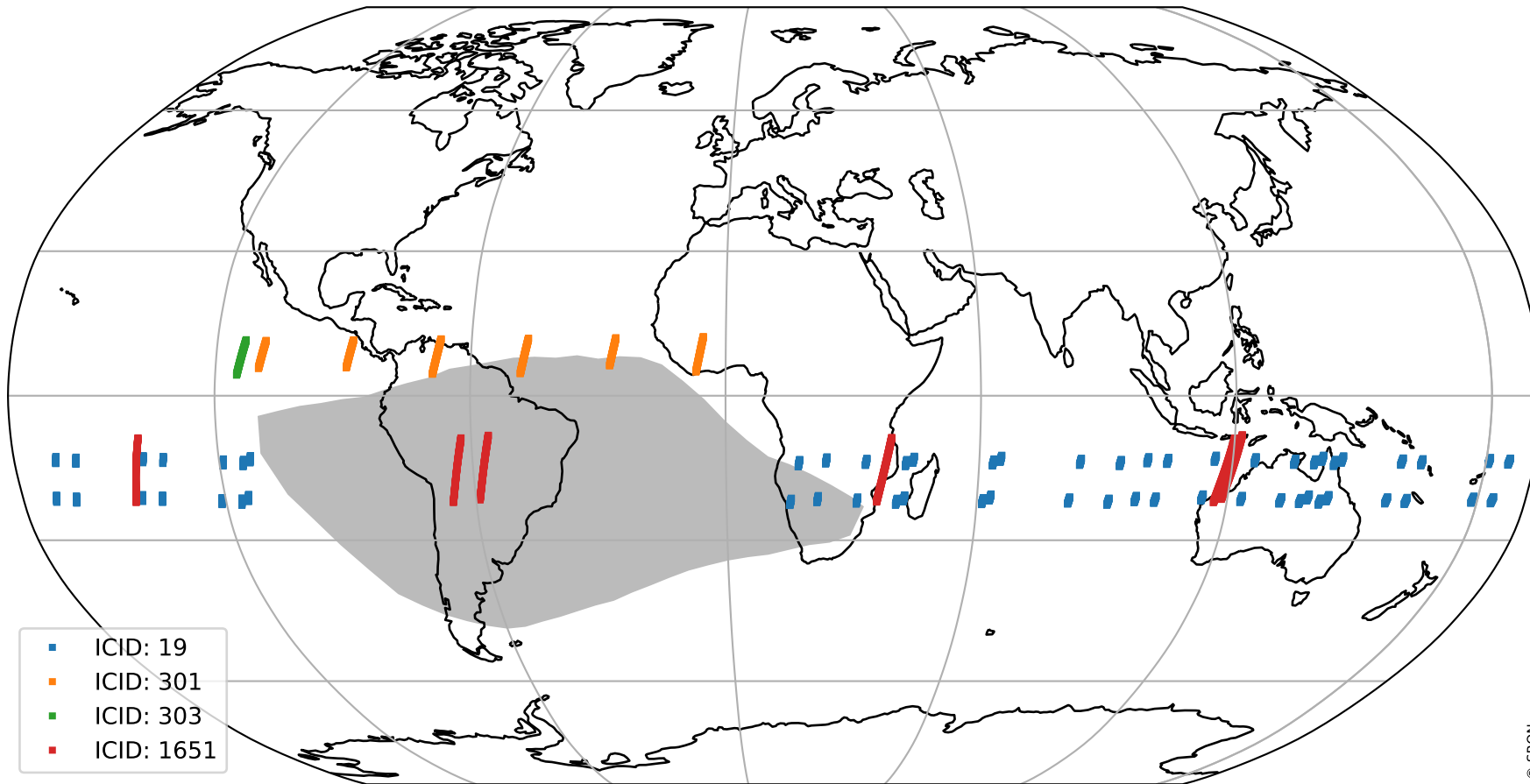
orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
median : 0.98318  
spread : 0.17451  
created : 2023-08-21T15:32:13





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

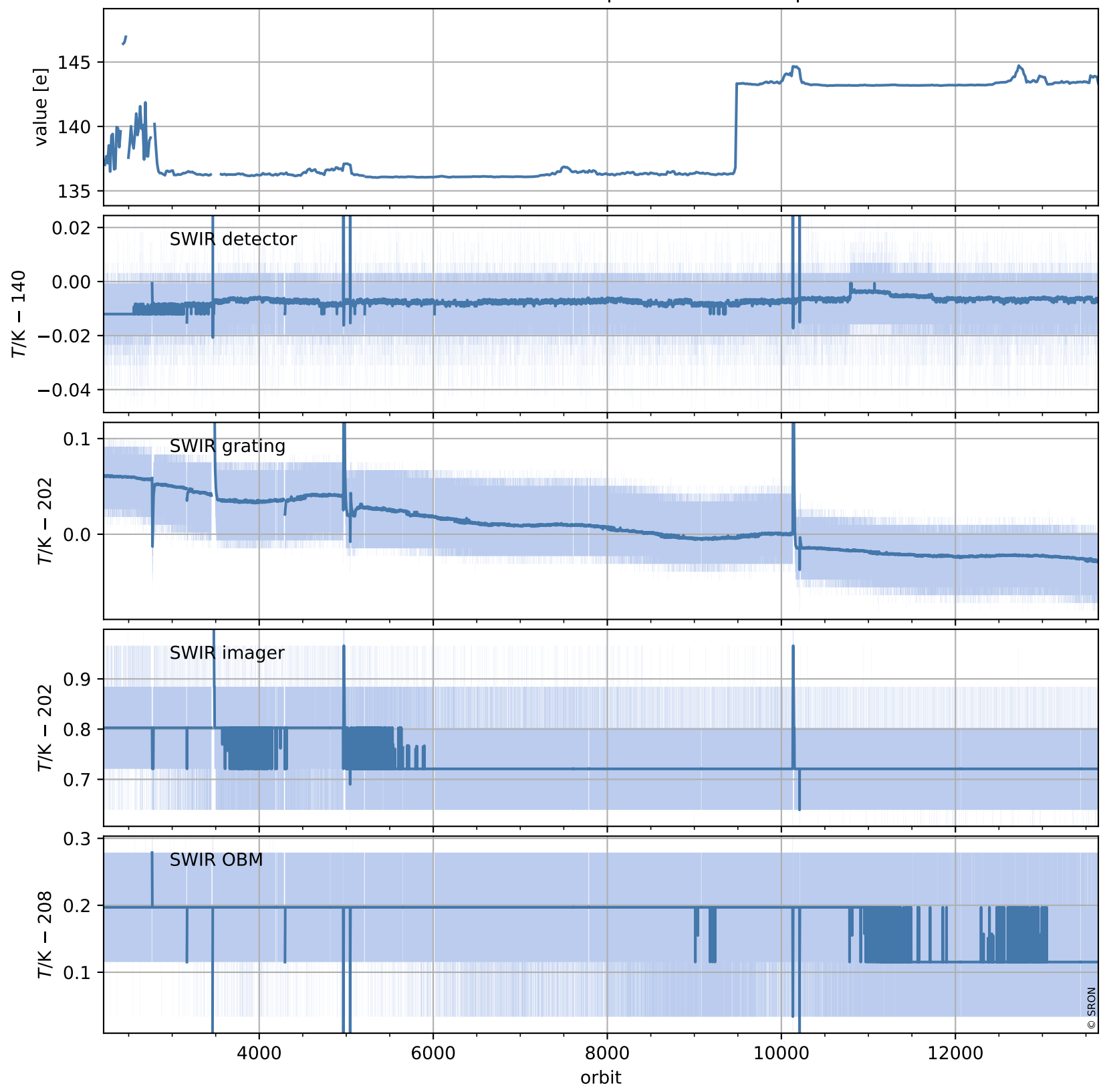
orbits : 13 in [13552, 13642]  
coverage : 2020-05-26 / 2020-05-31  
created : 2023-08-21T15:32:14



# Tropomi SWIR background noise (swir)

orbits : [2212, 13642]  
coverage : 2018-03-18 / 2020-05-31  
created : 2023-08-21T15:32:14

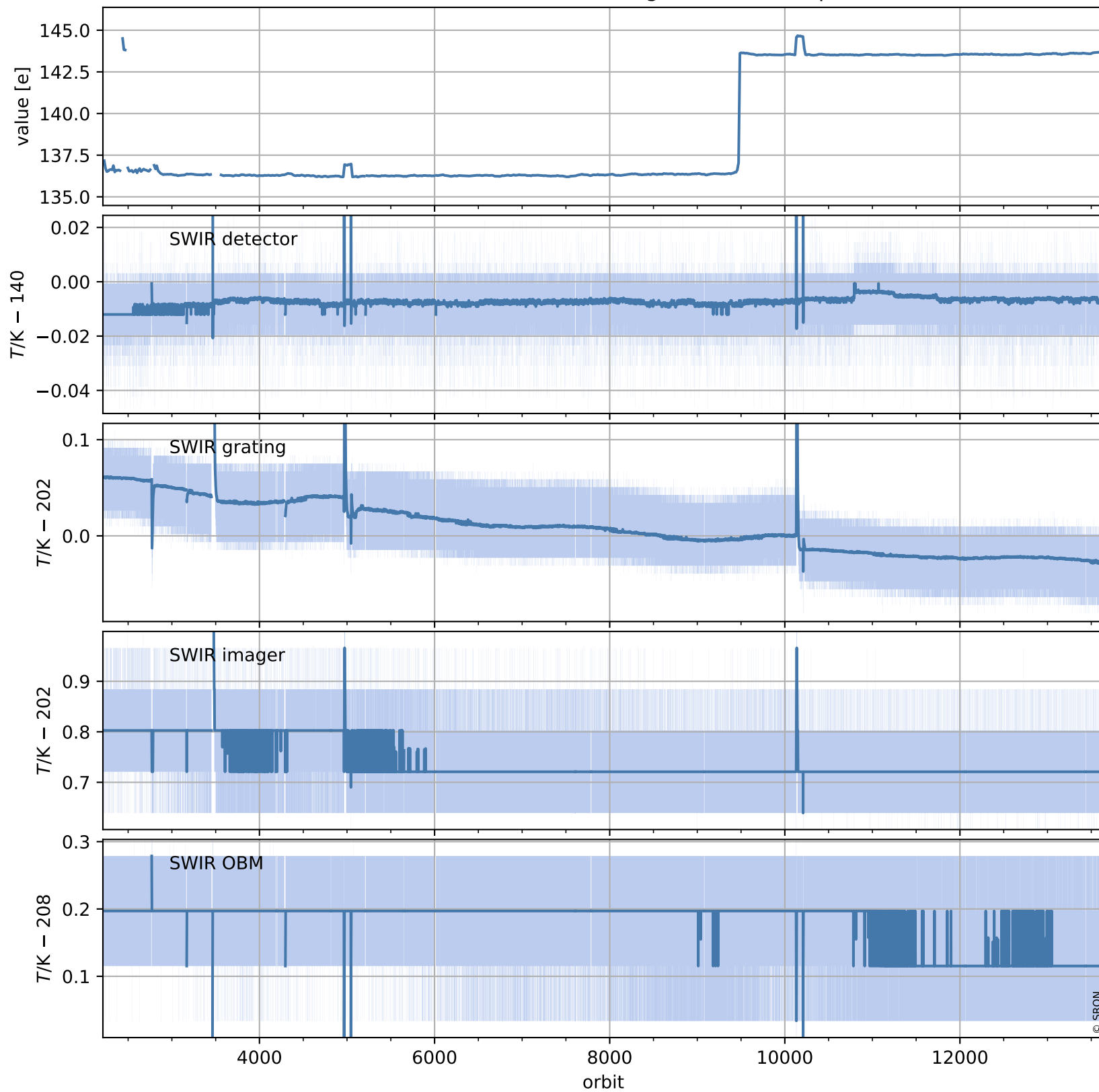
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 13642]  
coverage : 2018-03-18 / 2020-05-31  
created : 2023-08-21T15:32:15

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 13642]  
coverage : 2018-03-18 / 2020-05-31  
created : 2023-08-21T15:32:15

## trend of normalized read-noise & temperatures

