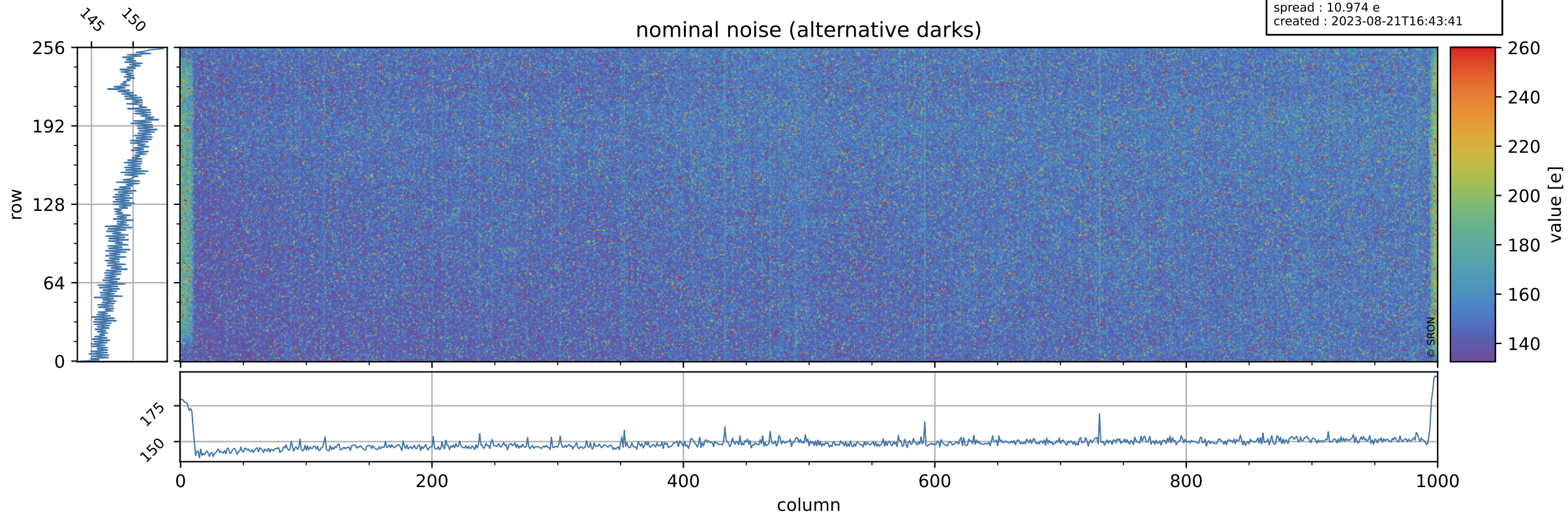


# Tropomi SWIR background noise (swir)

orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
n\_coad, t\_exp : 1, 1.0783  
median : 148.76 e  
spread : 10.974 e  
created : 2023-08-21T16:43:41

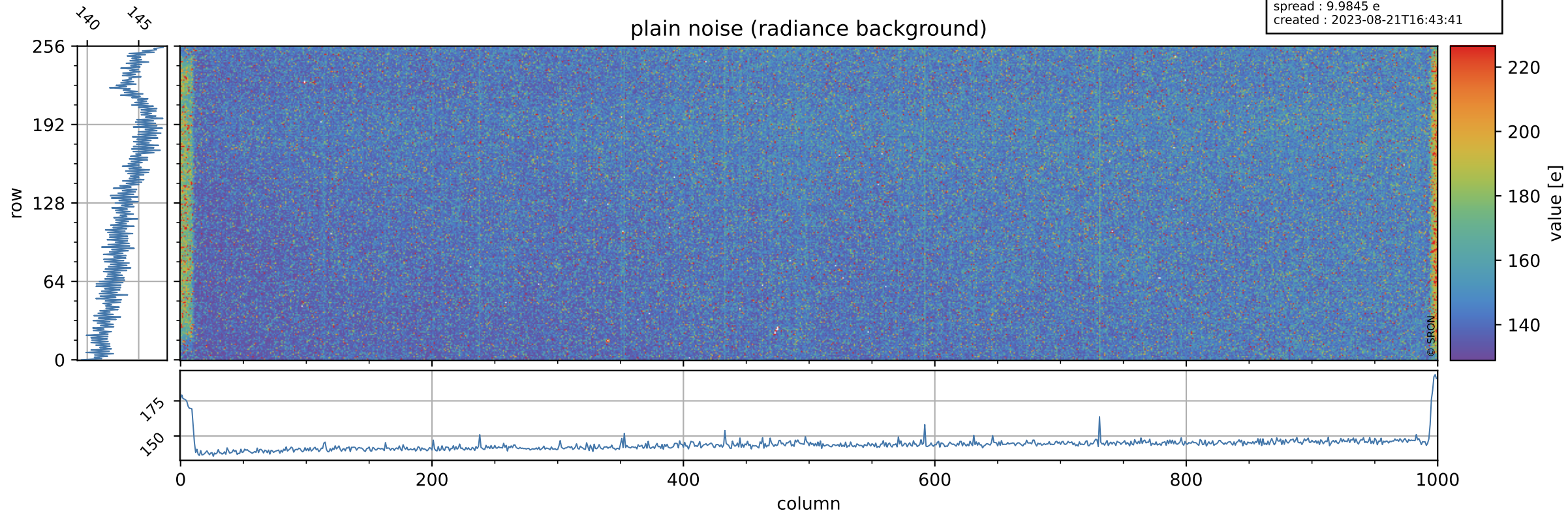
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.71 e  
spread : 9.9845 e  
created : 2023-08-21T16:43:41

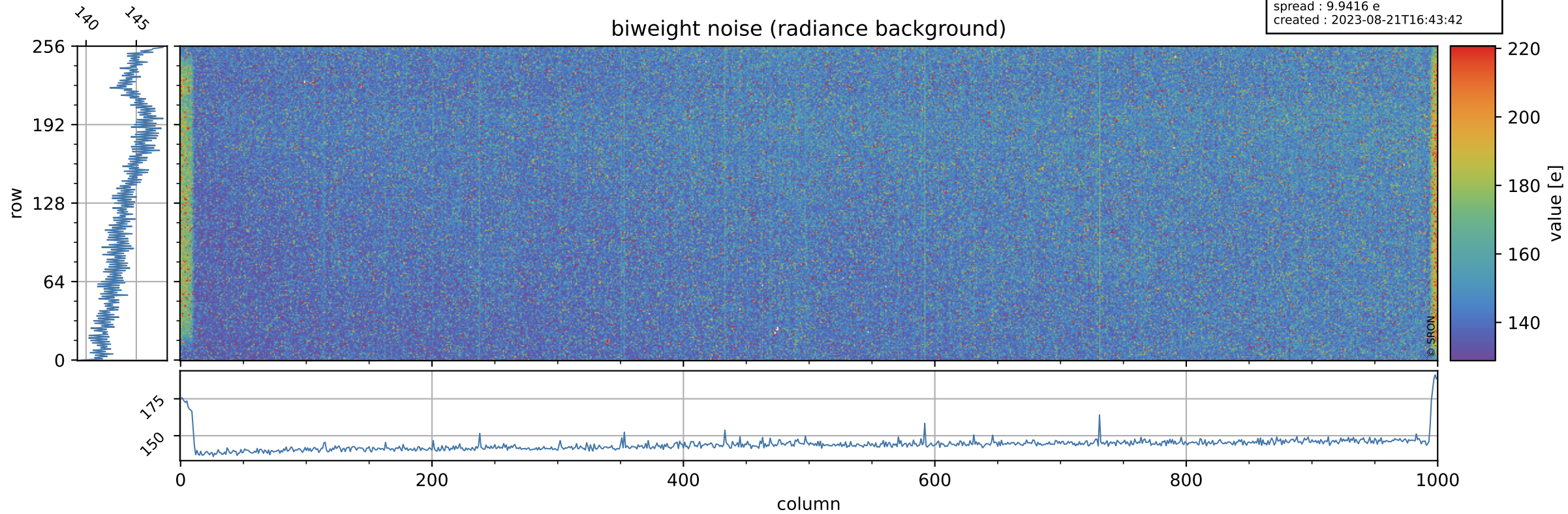
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 9.9416 e  
created : 2023-08-21T16:43:42

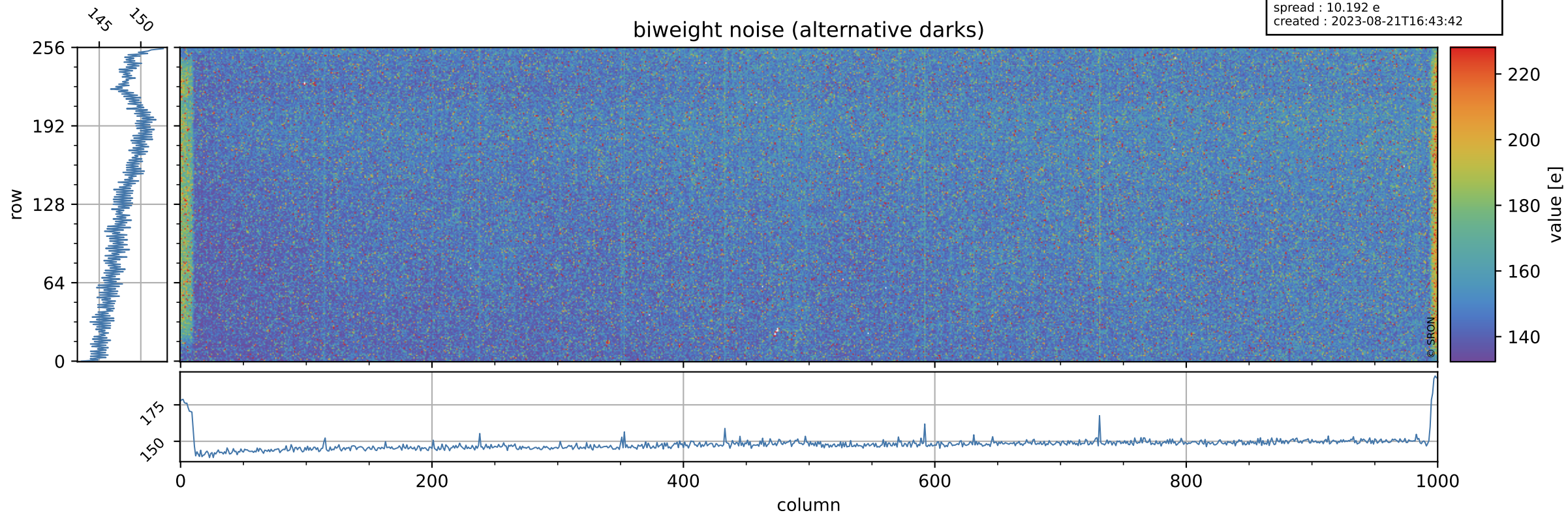
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.192 e  
created : 2023-08-21T16:43:42

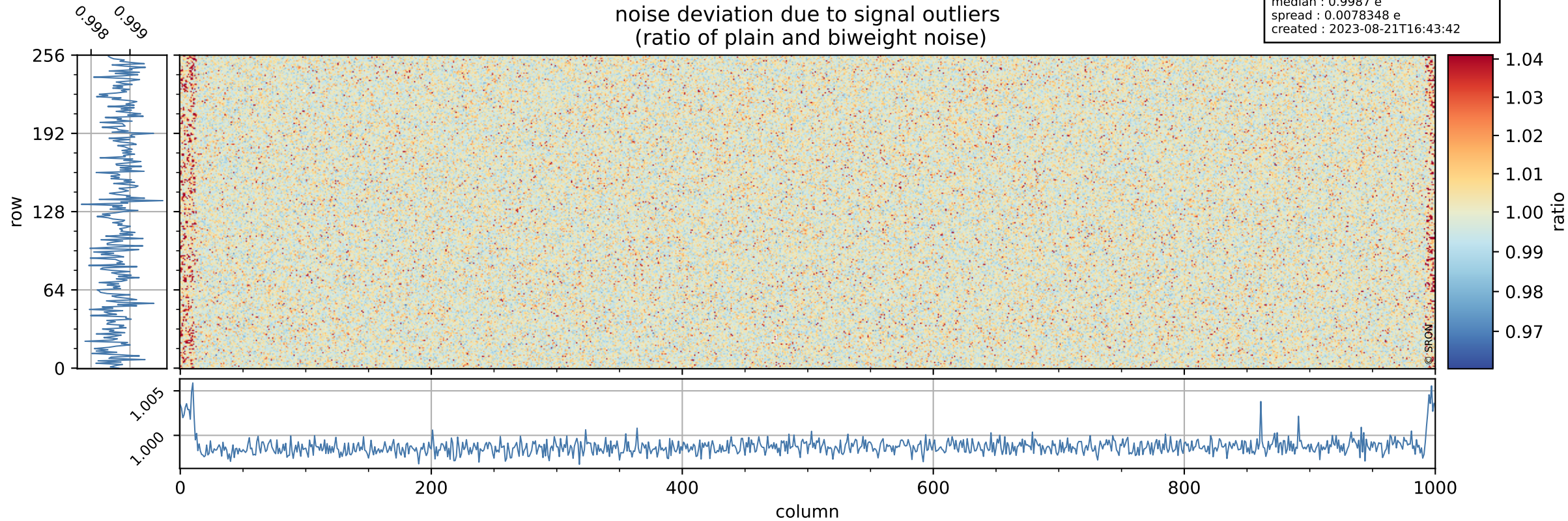
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

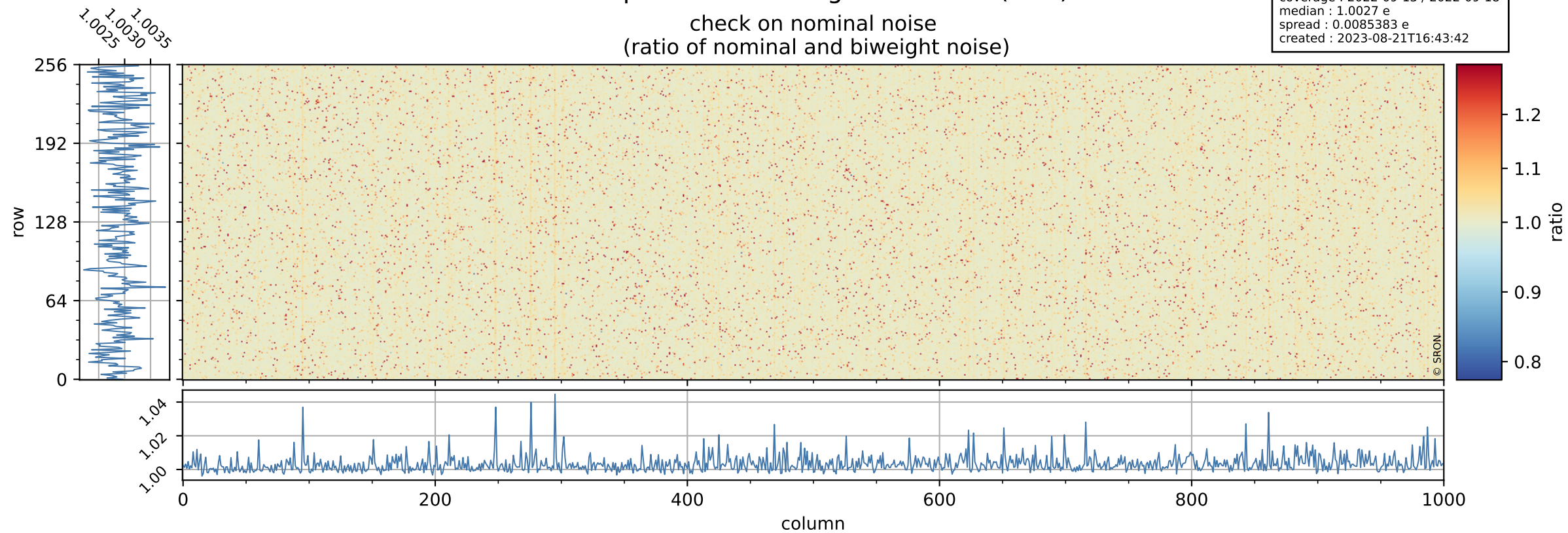
orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
median : 0.9987 e  
spread : 0.0078348 e  
created : 2023-08-21T16:43:42



# Tropomi SWIR background noise (swir)

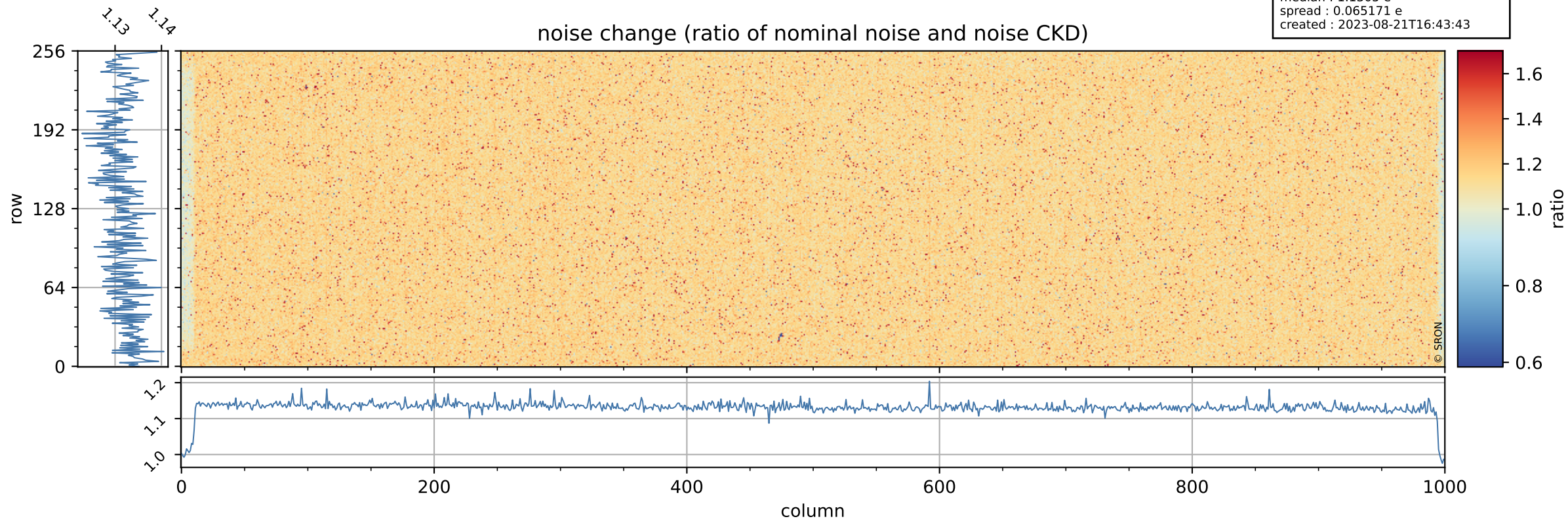
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
median : 1.0027 e  
spread : 0.0085383 e  
created : 2023-08-21T16:43:42



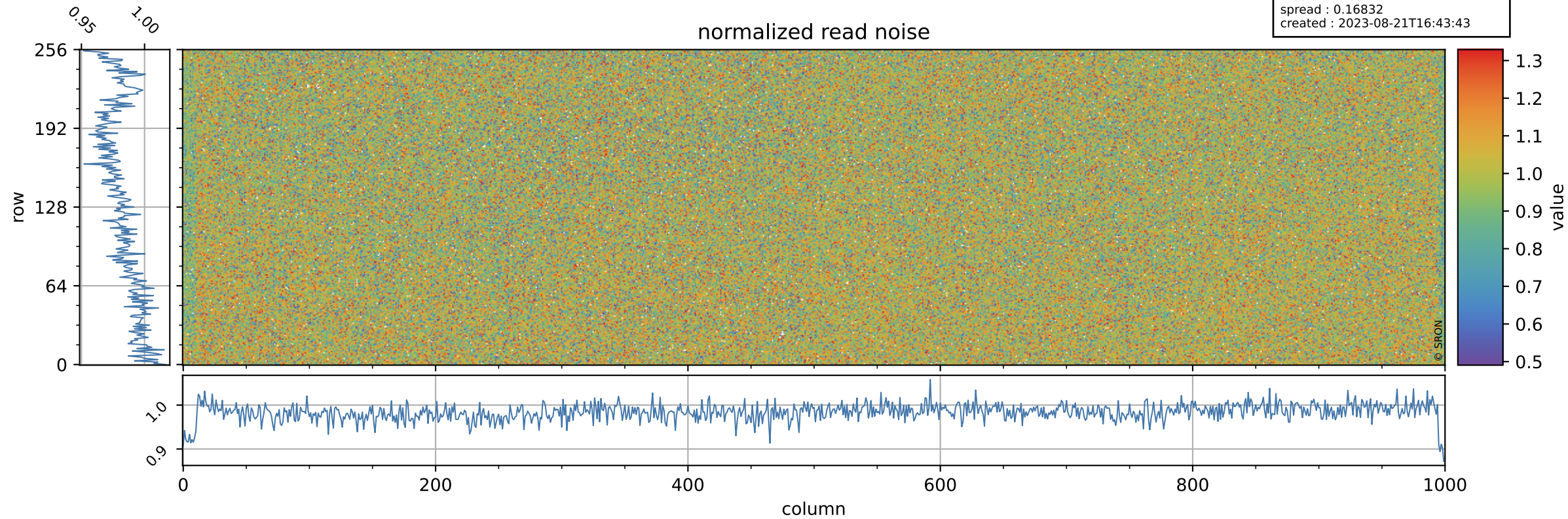
# Tropomi SWIR background noise (swir)

orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
median : 1.1305 e  
spread : 0.065171 e  
created : 2023-08-21T16:43:43



# Tropomi SWIR background noise (swir)

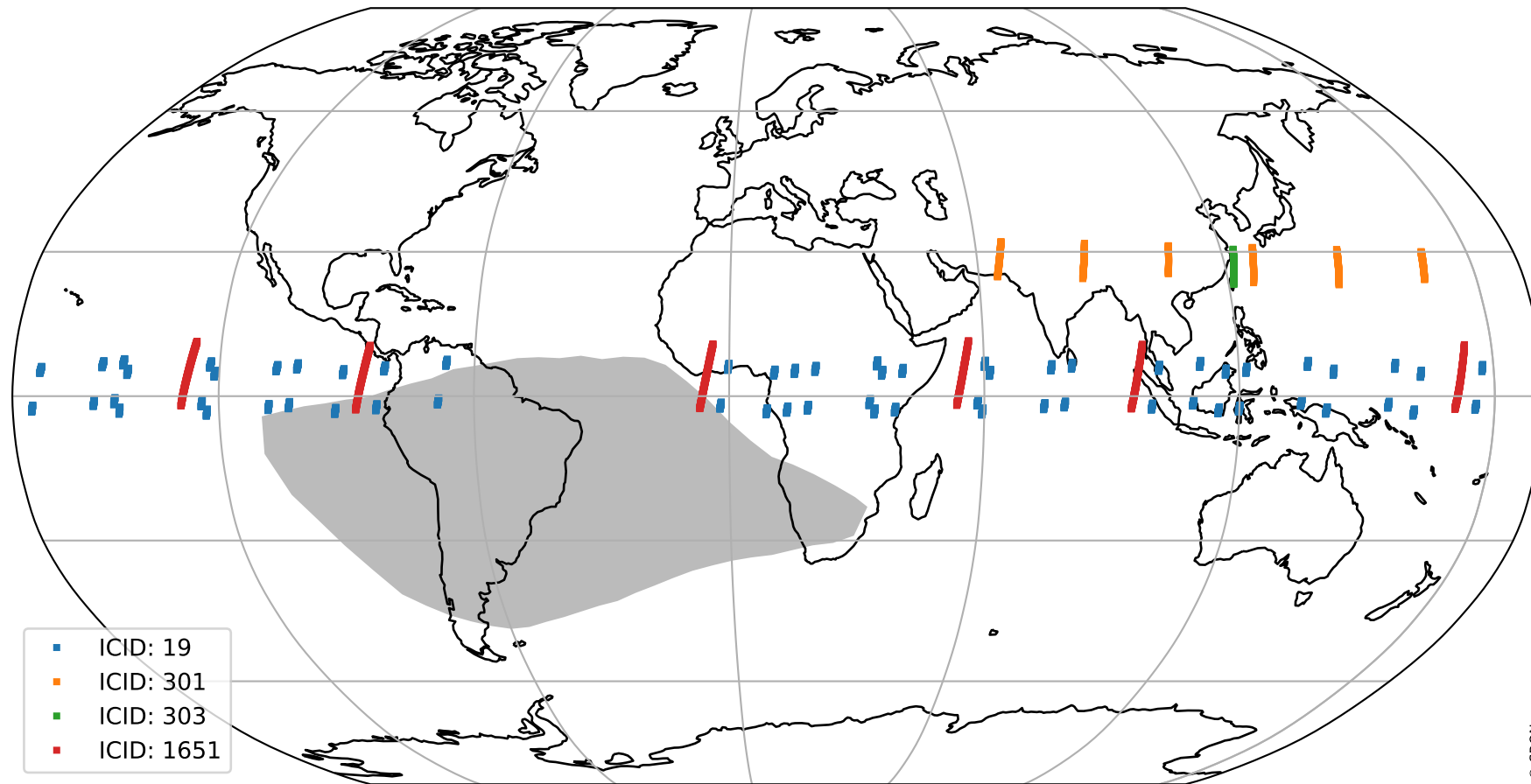
orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
median : 0.98212  
spread : 0.16832  
created : 2023-08-21T16:43:43





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

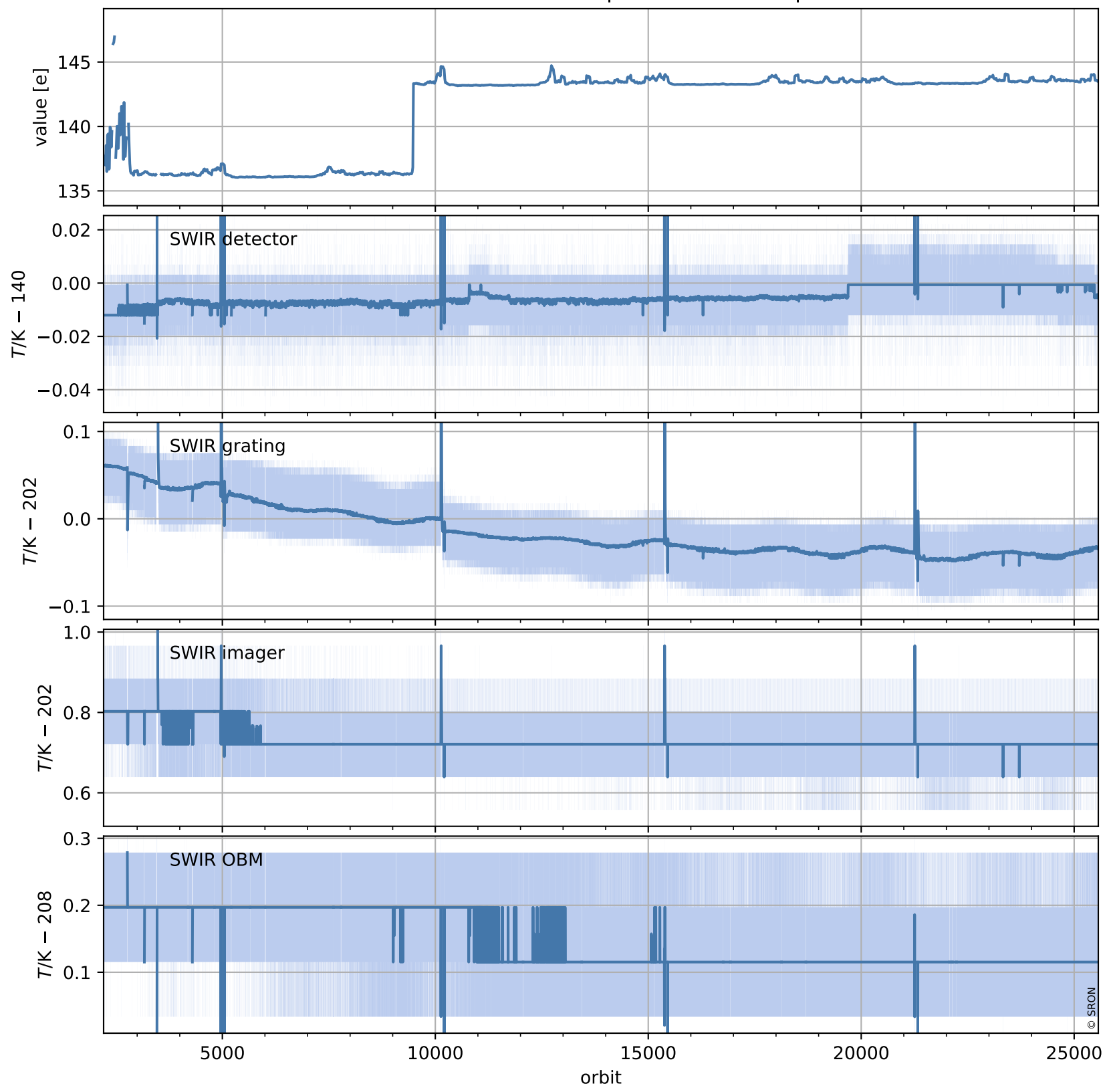
orbits : 13 in [25492, 25567]  
coverage : 2022-09-13 / 2022-09-18  
created : 2023-08-21T16:43:43



# Tropomi SWIR background noise (swir)

orbits : [2212, 25567]  
coverage : 2018-03-18 / 2022-09-18  
created : 2023-08-21T16:43:43

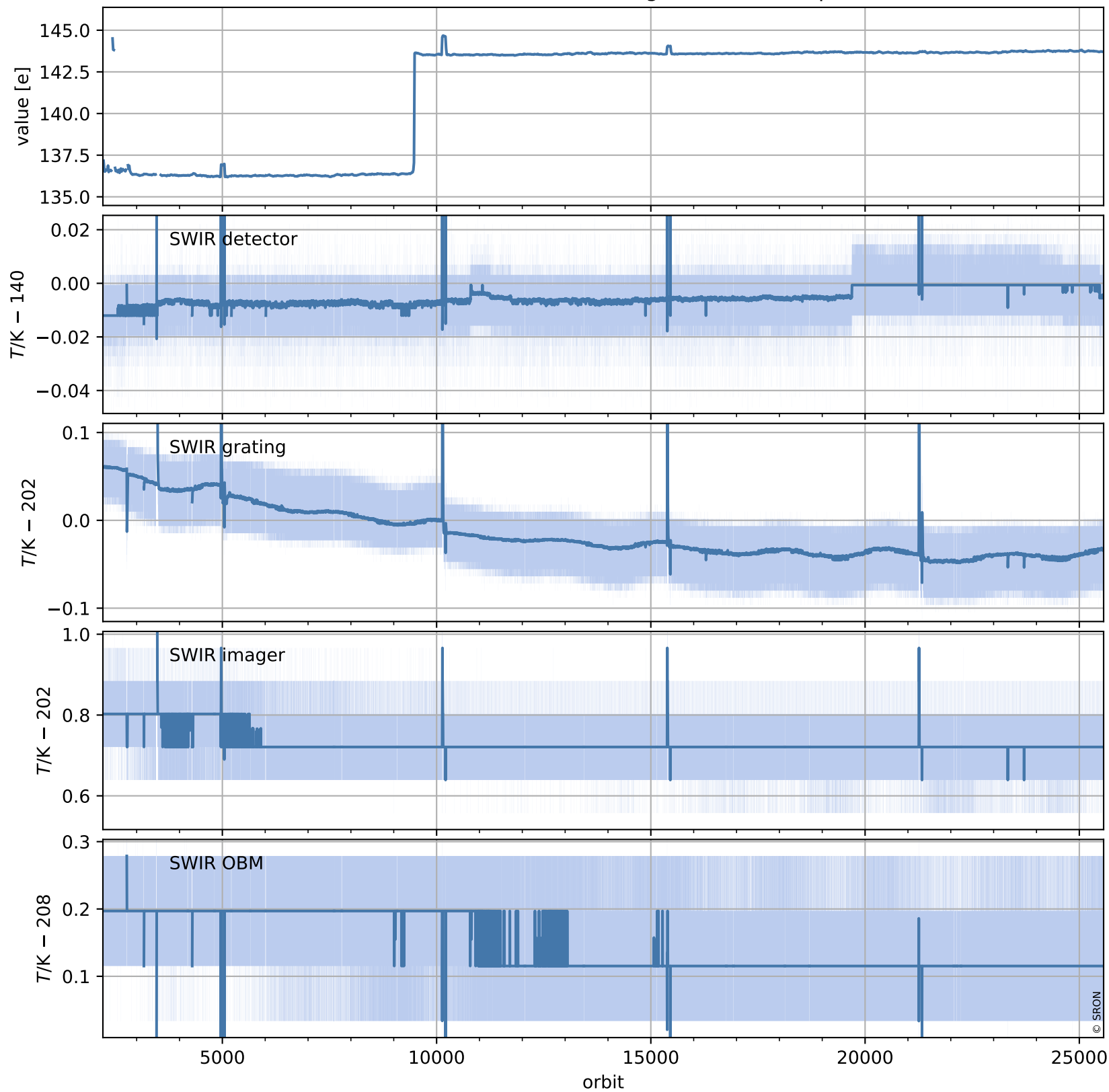
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25567]  
coverage : 2018-03-18 / 2022-09-18  
created : 2023-08-21T16:43:44

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25567]  
coverage : 2018-03-18 / 2022-09-18  
created : 2023-08-21T16:43:45

## trend of normalized read-noise & temperatures

