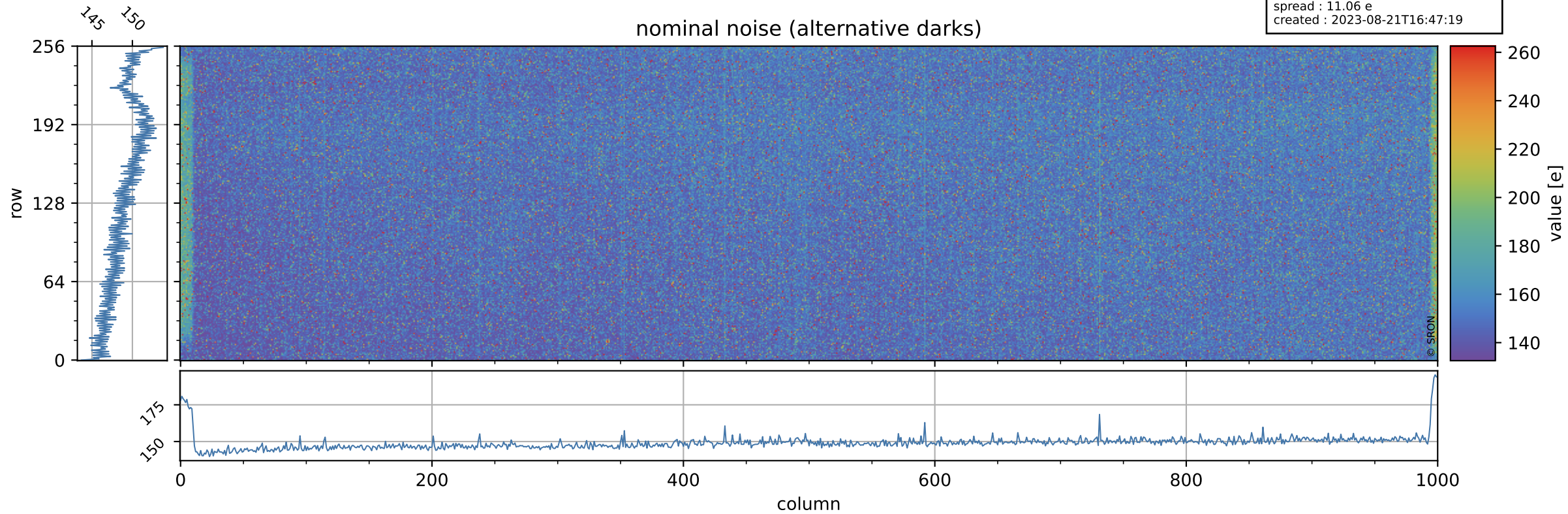


# Tropomi SWIR background noise (swir)

orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.89 e  
spread : 11.06 e  
created : 2023-08-21T16:47:19

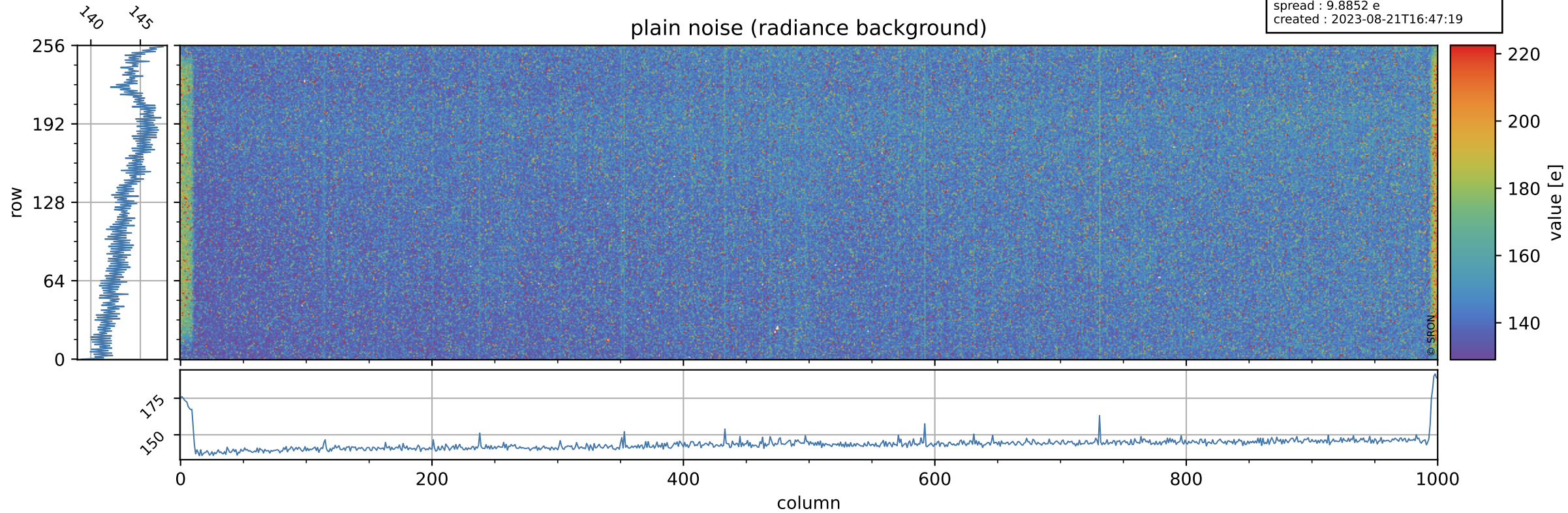
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.8852 e  
created : 2023-08-21T16:47:19

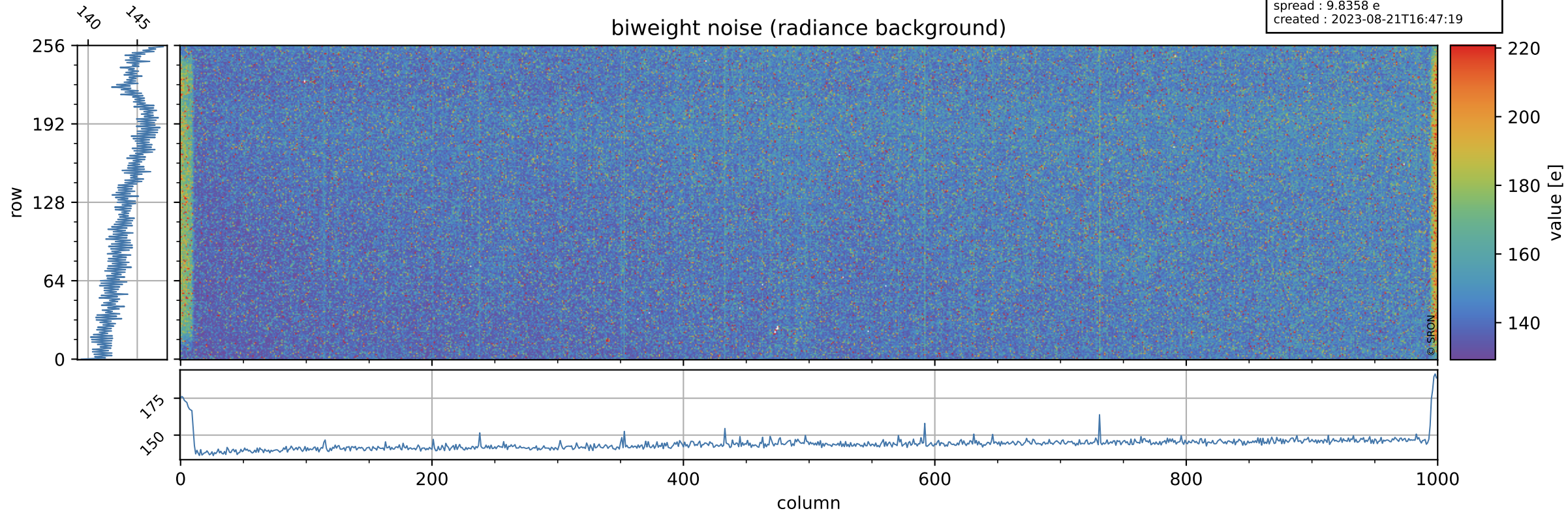
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.85 e  
spread : 9.8358 e  
created : 2023-08-21T16:47:19

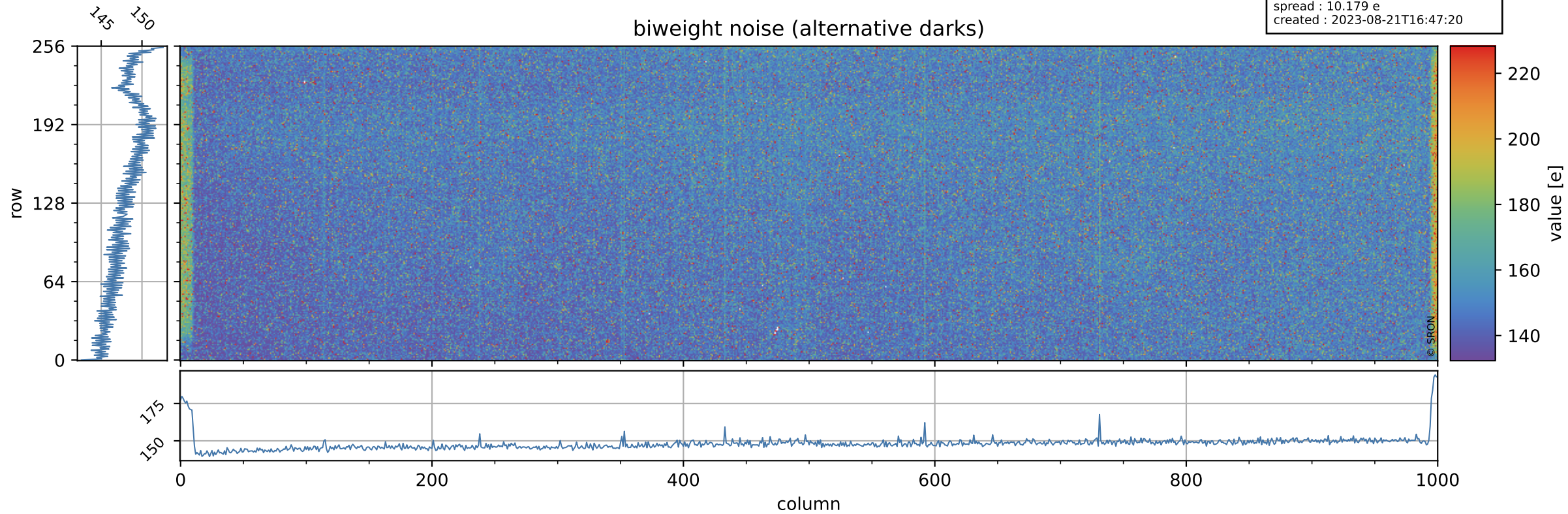
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.85 e  
spread : 10.179 e  
created : 2023-08-21T16:47:20

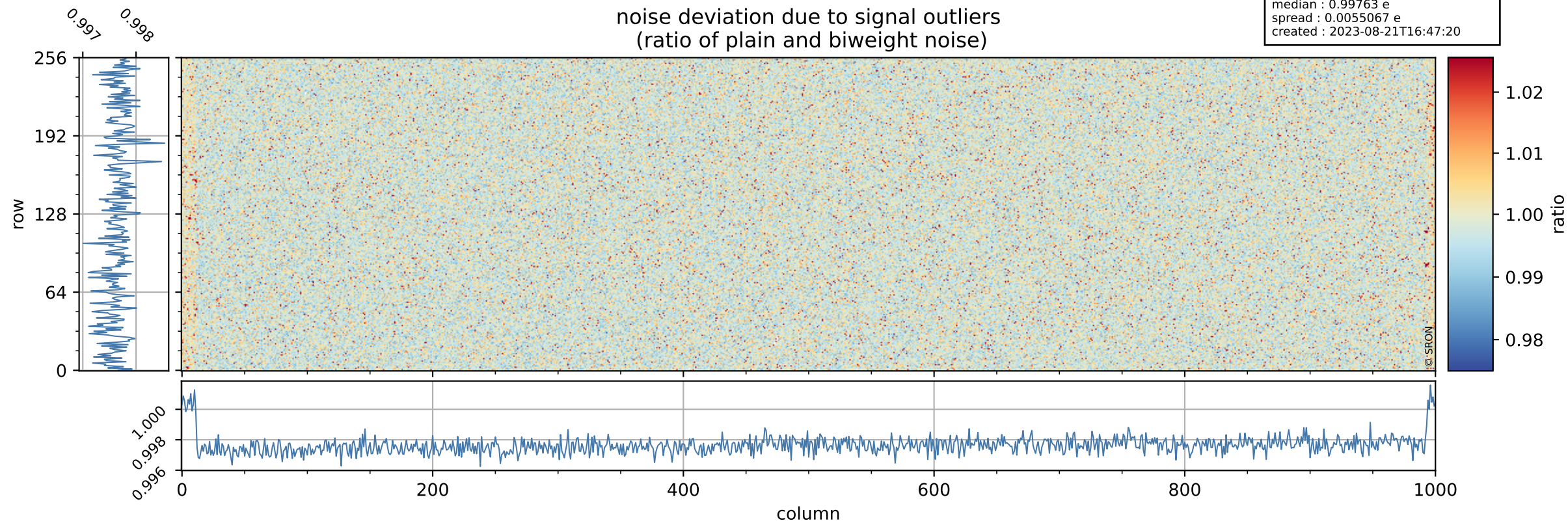
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

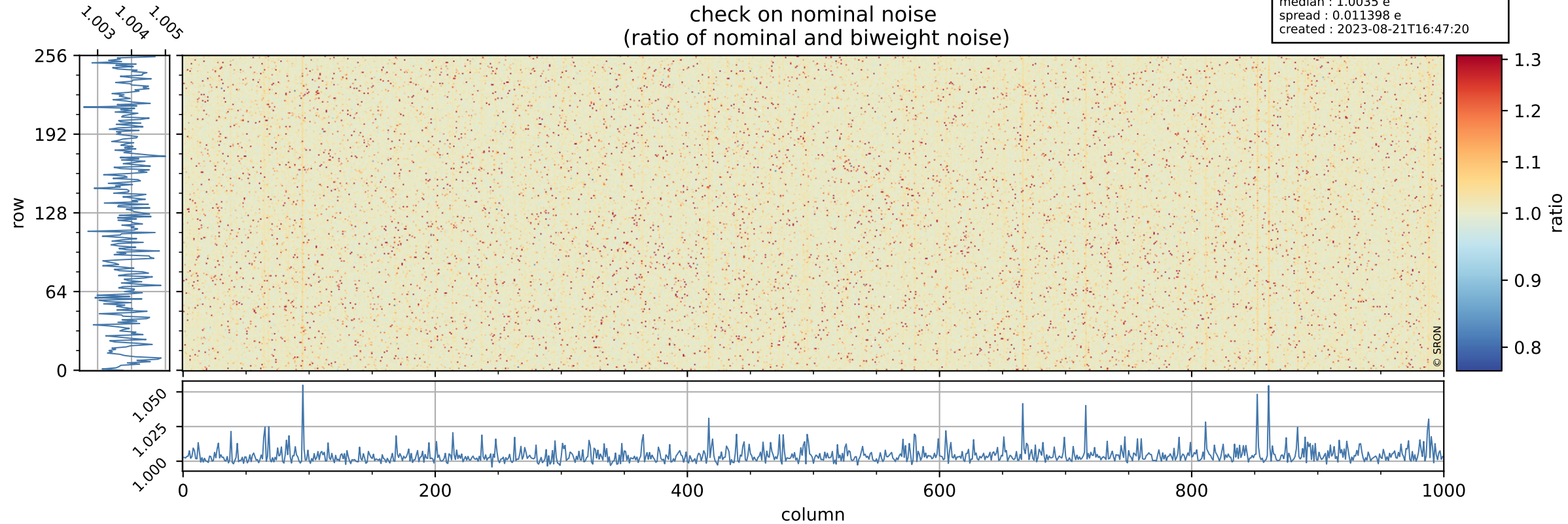
orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
median : 0.99763 e  
spread : 0.0055067 e  
created : 2023-08-21T16:47:20



# Tropomi SWIR background noise (swir)

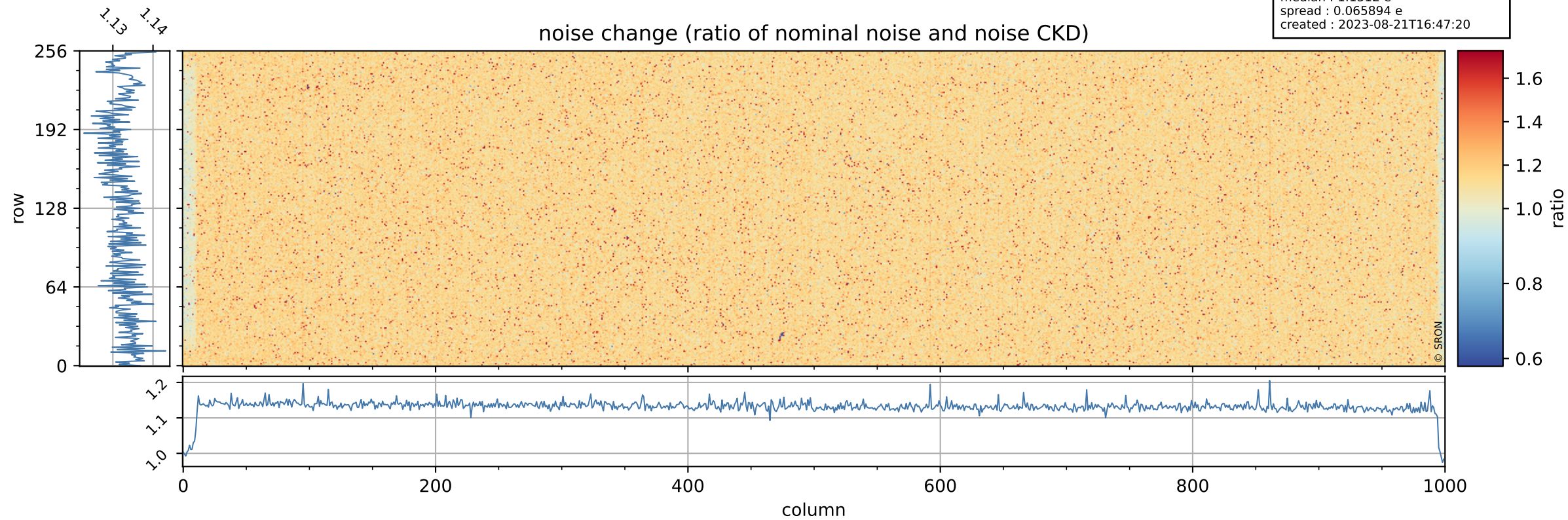
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
median : 1.0035 e  
spread : 0.011398 e  
created : 2023-08-21T16:47:20



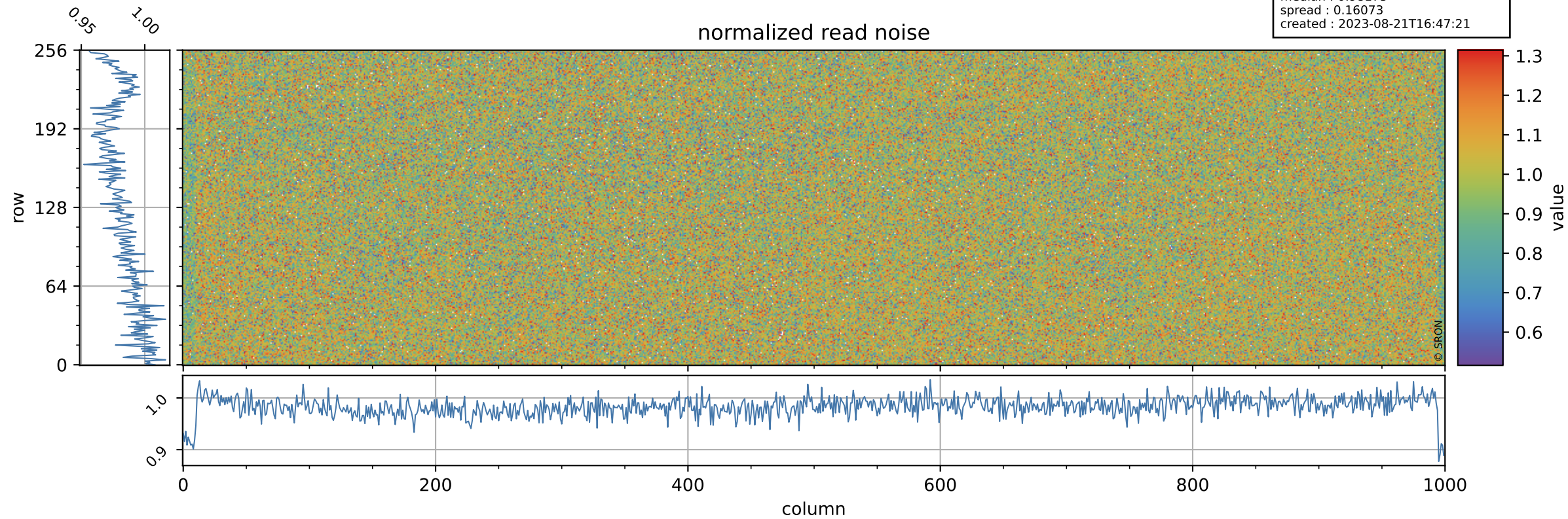
# Tropomi SWIR background noise (swir)

orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
median : 1.1312 e  
spread : 0.065894 e  
created : 2023-08-21T16:47:20



# Tropomi SWIR background noise (swir)

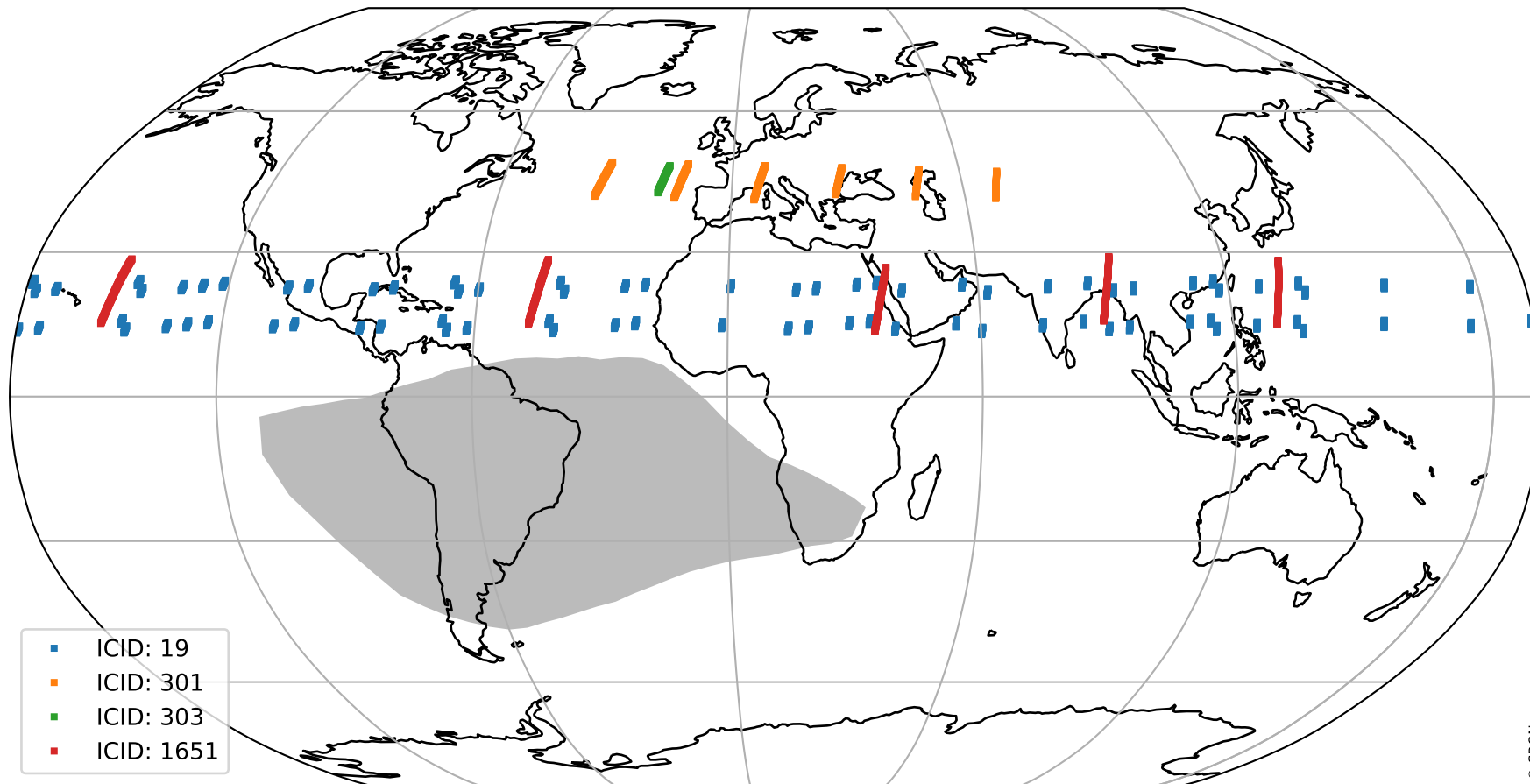
orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
median : 0.98175  
spread : 0.16073  
created : 2023-08-21T16:47:21





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

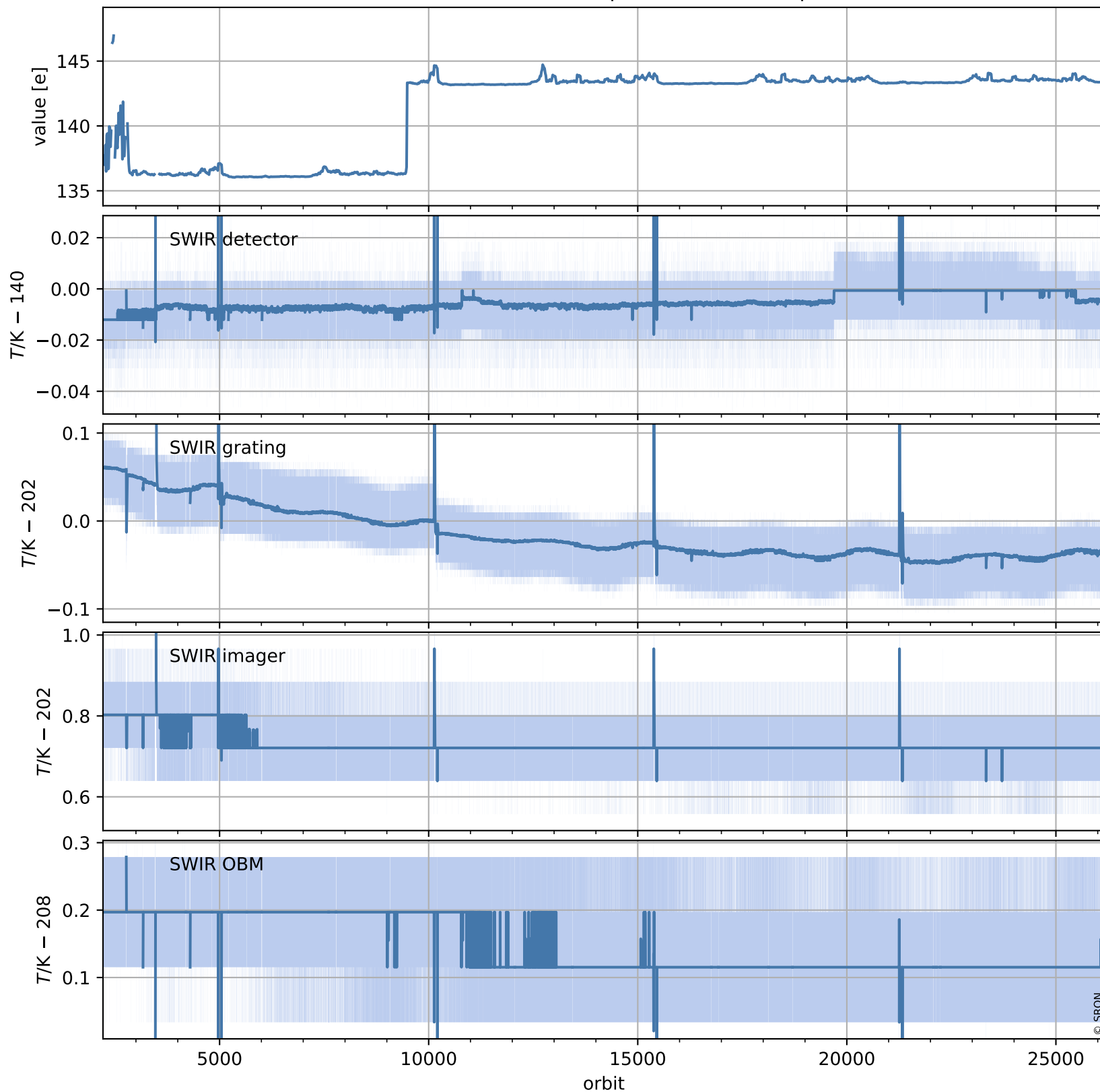
orbits : 12 in [26077, 26167]  
coverage : 2022-10-25 / 2022-10-31  
created : 2023-08-21T16:47:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 26167]  
coverage : 2018-03-18 / 2022-10-31  
created : 2023-08-21T16:47:21

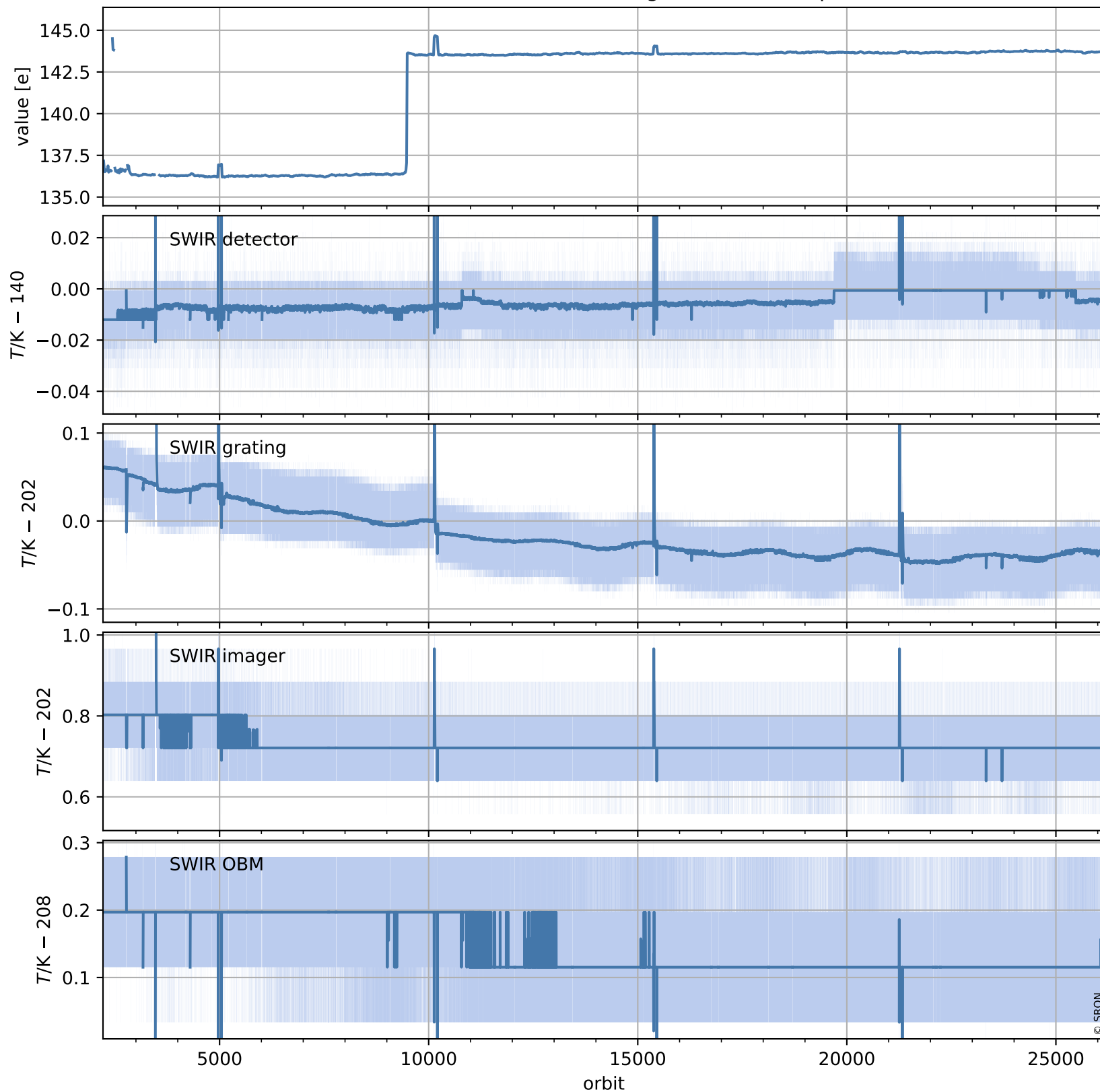
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26167]  
coverage : 2018-03-18 / 2022-10-31  
created : 2023-08-21T16:47:22

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26167]  
coverage : 2018-03-18 / 2022-10-31  
created : 2023-08-21T16:47:23

## trend of normalized read-noise & temperatures

