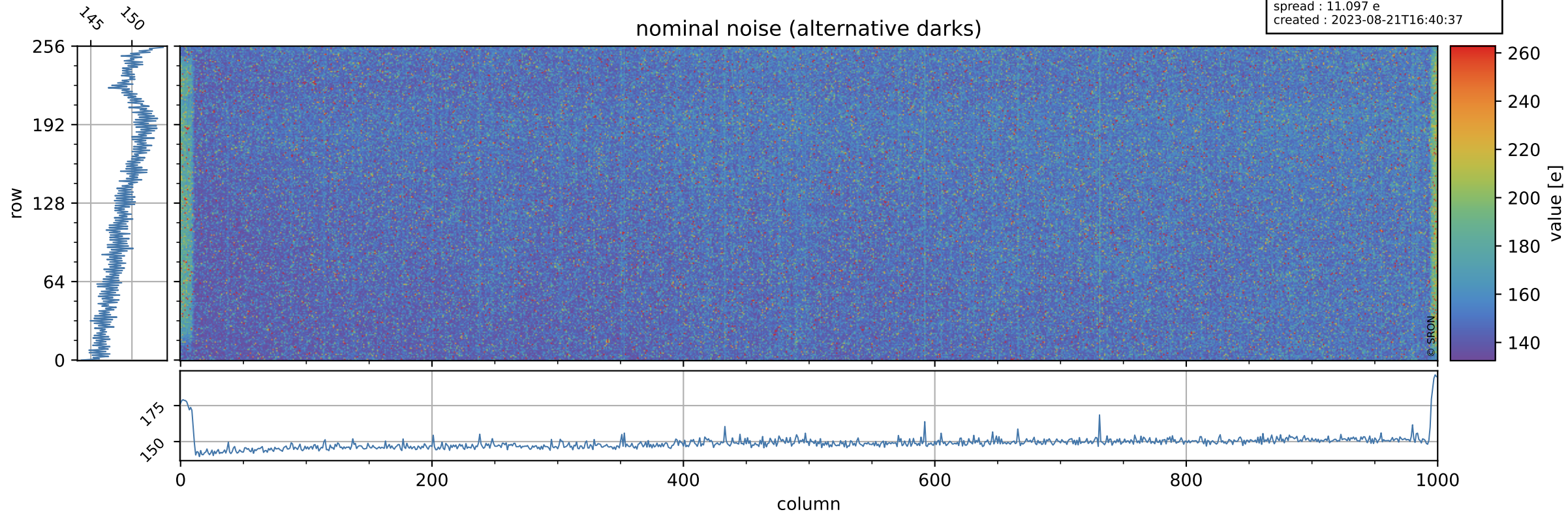


# Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
n\_coad, t\_exp : 1, 1.0783  
median : 148.94 e  
spread : 11.097 e  
created : 2023-08-21T16:40:37

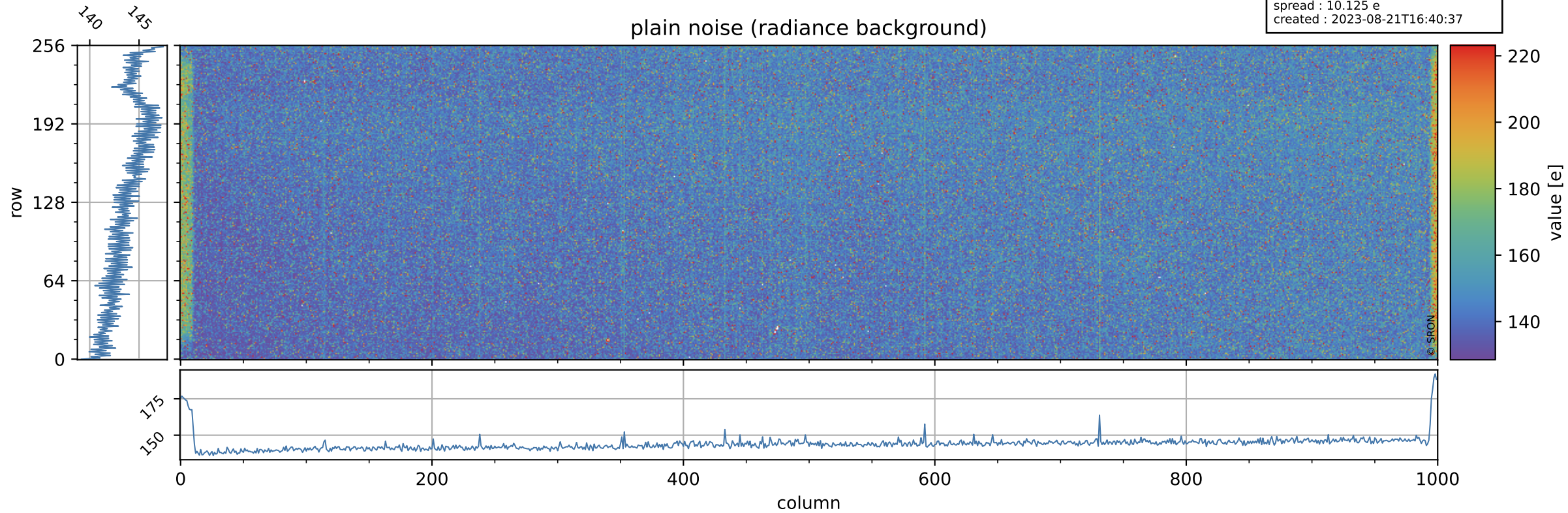
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.67 e  
spread : 10.125 e  
created : 2023-08-21T16:40:37

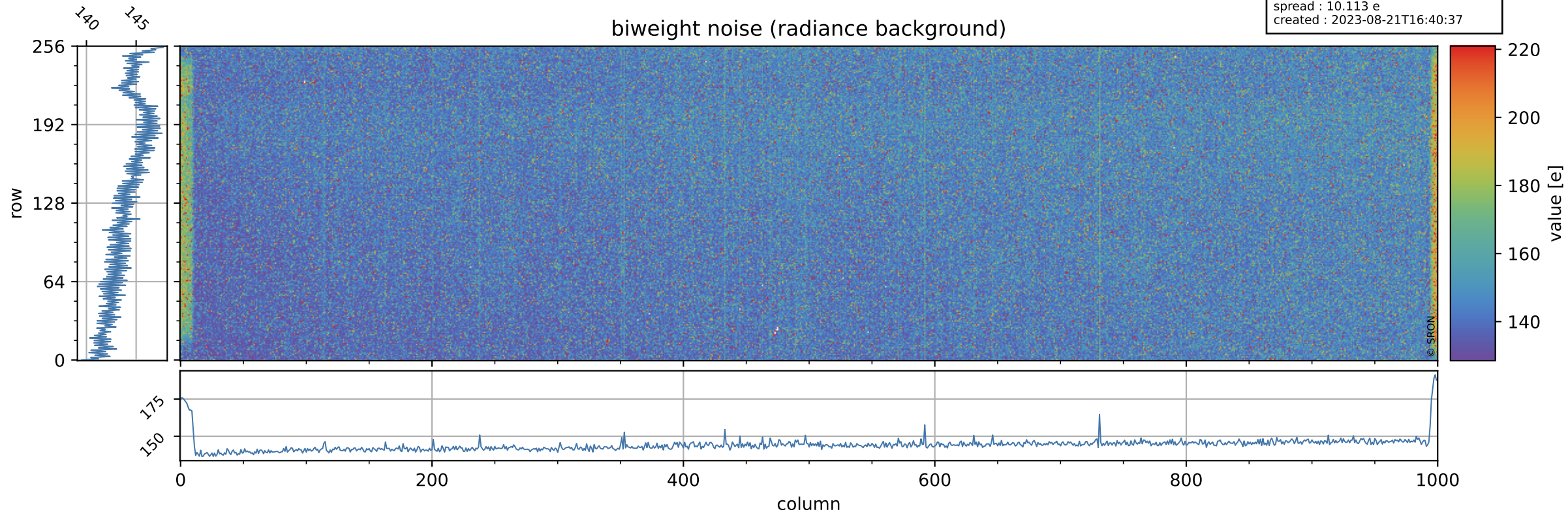
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.94 e  
spread : 10.113 e  
created : 2023-08-21T16:40:37

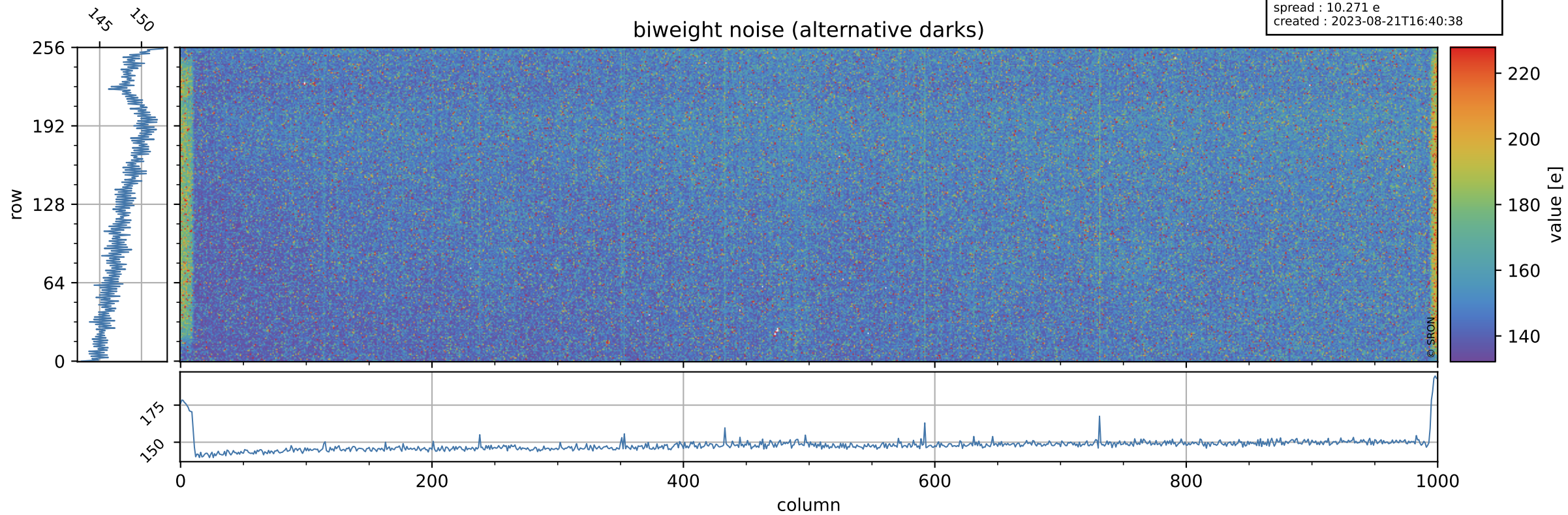
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.271 e  
created : 2023-08-21T16:40:38

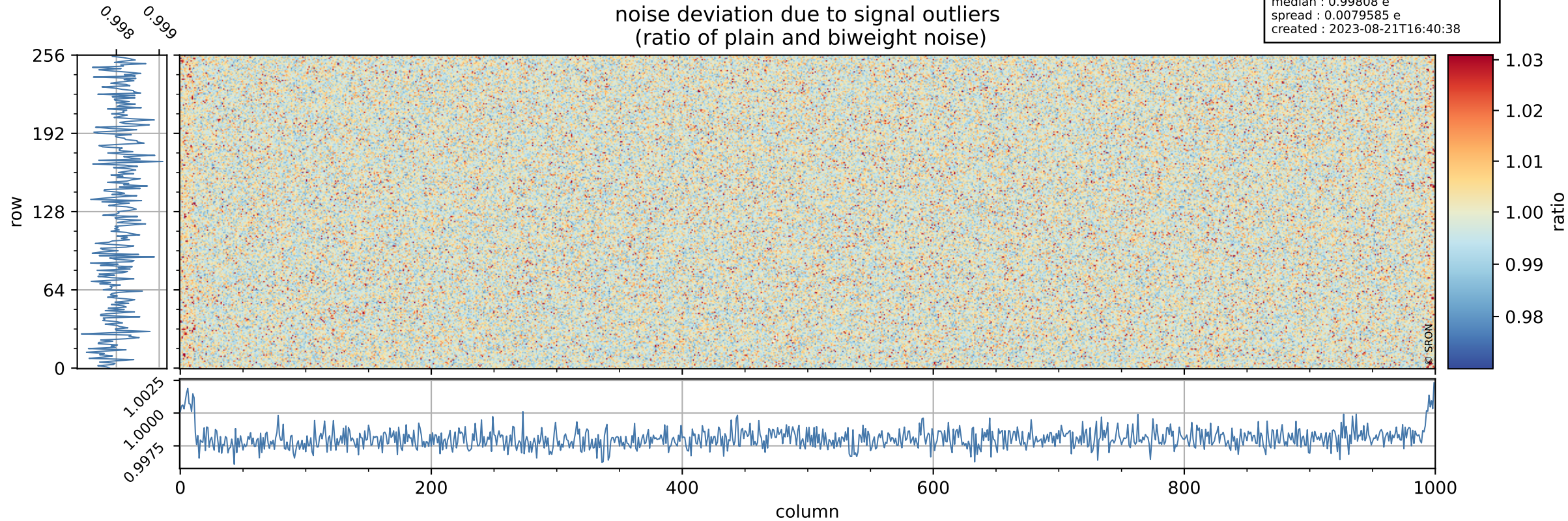
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

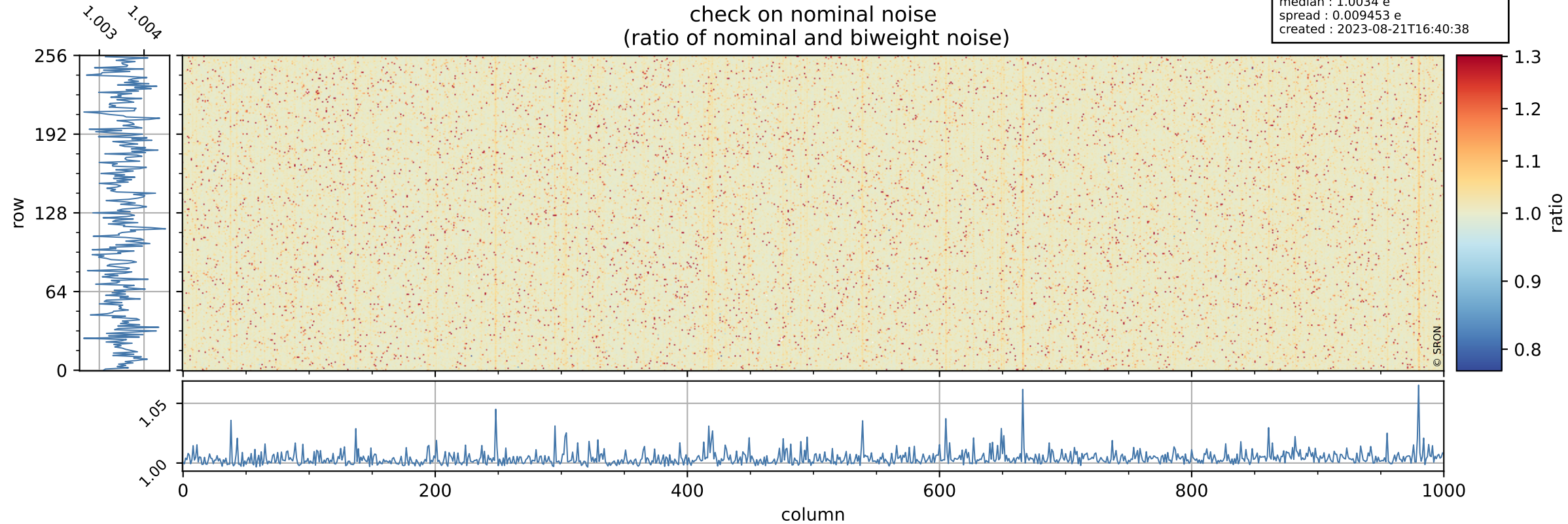
orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
median : 0.99808 e  
spread : 0.0079585 e  
created : 2023-08-21T16:40:38



# Tropomi SWIR background noise (swir)

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

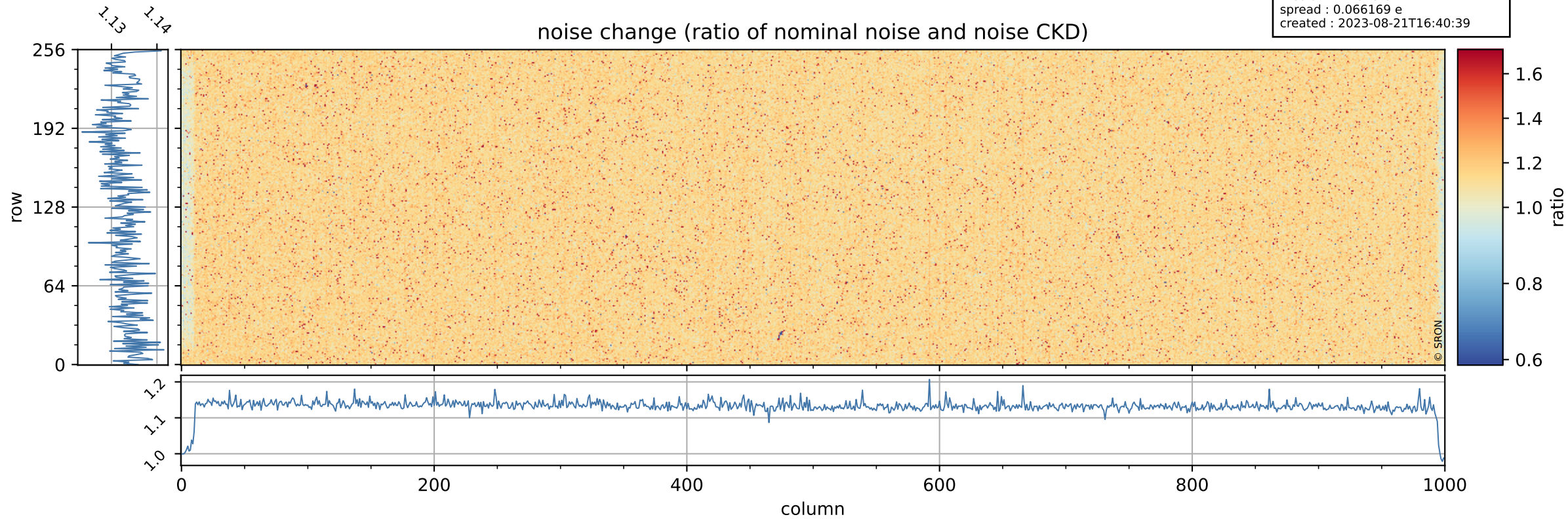
orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
median : 1.0034 e  
spread : 0.009453 e  
created : 2023-08-21T16:40:38



# Tropomi SWIR background noise (swir)

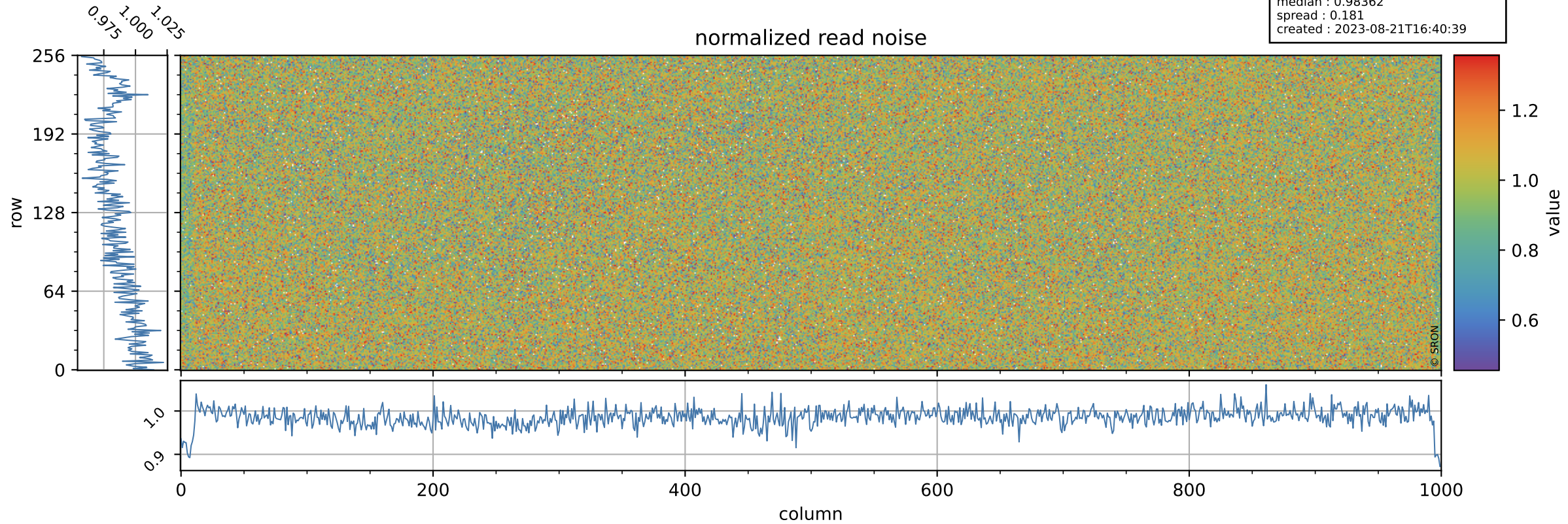
orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
median : 1.1315 e  
spread : 0.066169 e  
created : 2023-08-21T16:40:39

noise change (ratio of nominal noise and noise CKD)



# Tropomi SWIR background noise (swir)

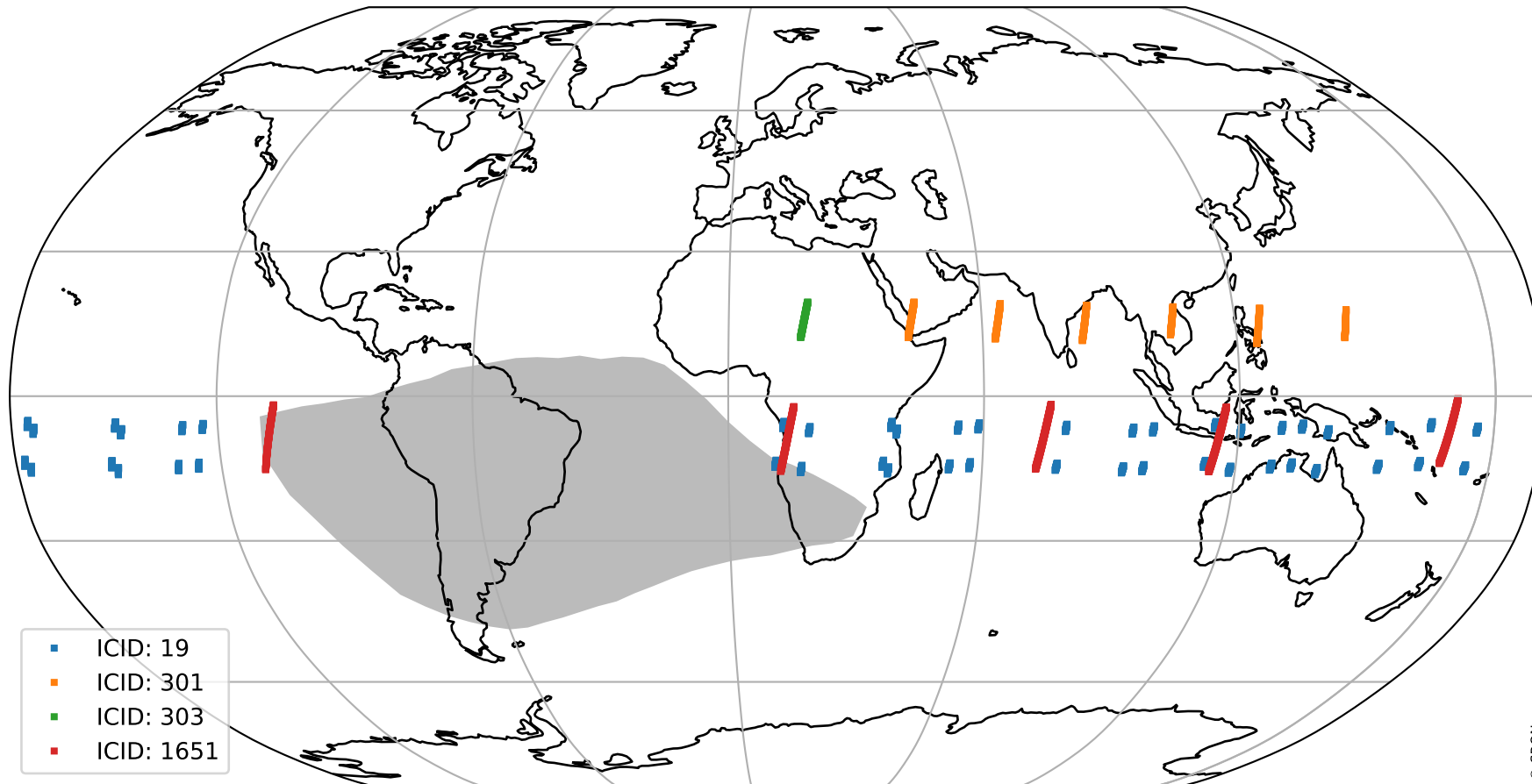
orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
median : 0.98362  
spread : 0.181  
created : 2023-08-21T16:40:39





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

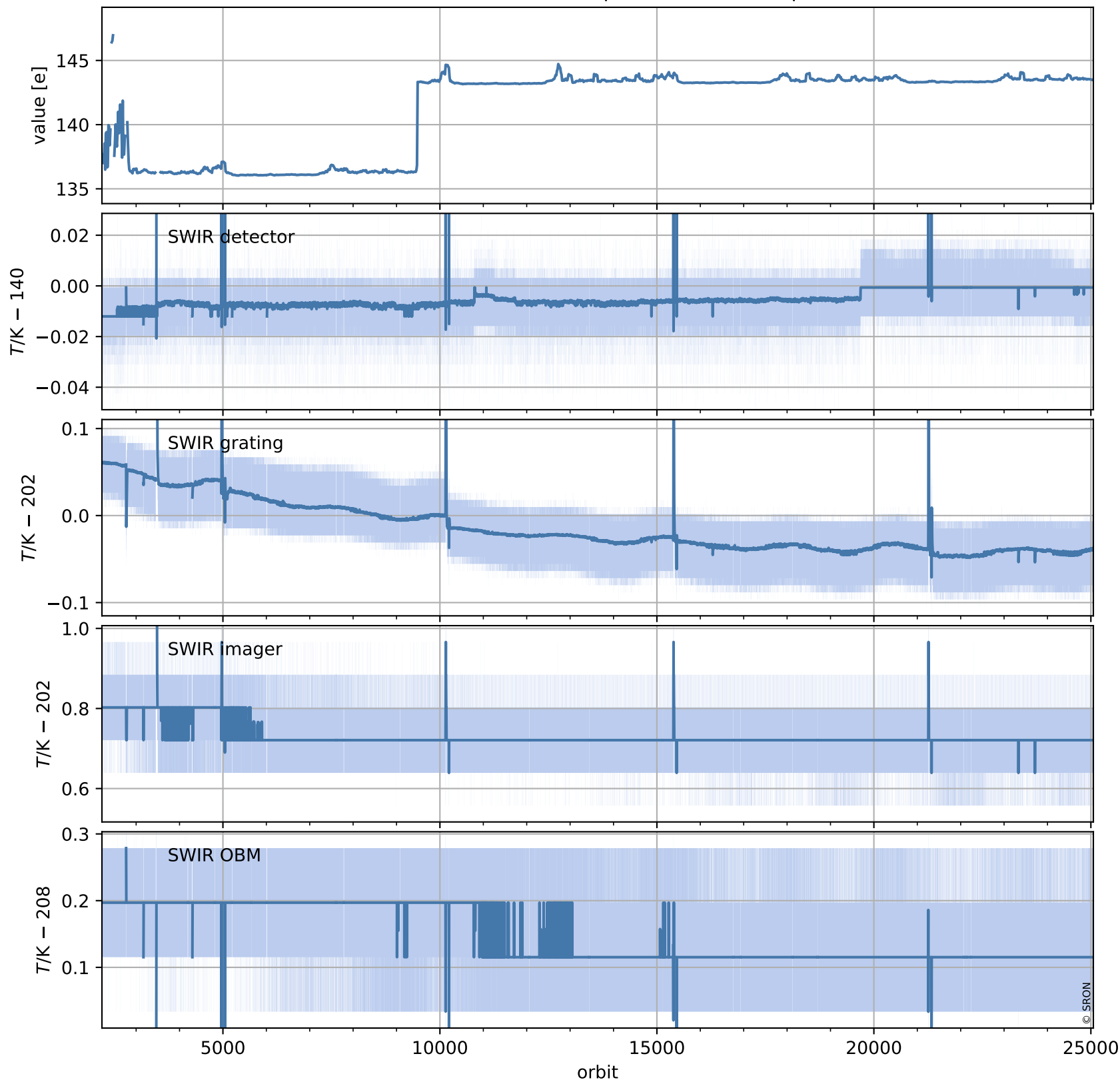
orbits : 12 in [24967, 25057]  
coverage : 2022-08-08 / 2022-08-14  
created : 2023-08-21T16:40:39



# Tropomi SWIR background noise (swir)

orbits : [2212, 25057]  
coverage : 2018-03-18 / 2022-08-14  
created : 2023-08-21T16:40:40

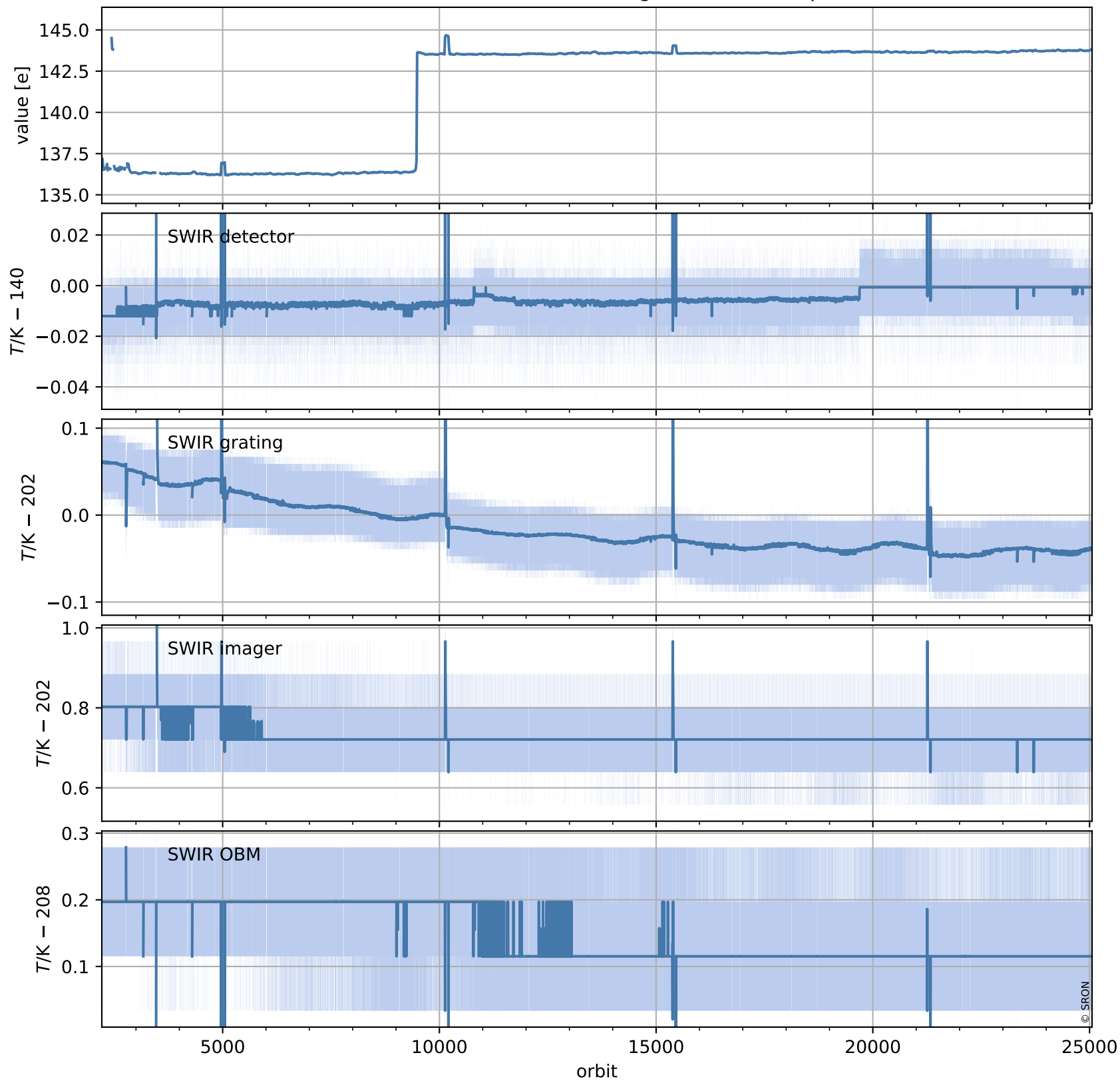
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25057]  
coverage : 2018-03-18 / 2022-08-14  
created : 2023-08-21T16:40:40

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25057]  
coverage : 2018-03-18 / 2022-08-14  
created : 2023-08-21T16:40:41

## trend of normalized read-noise & temperatures

