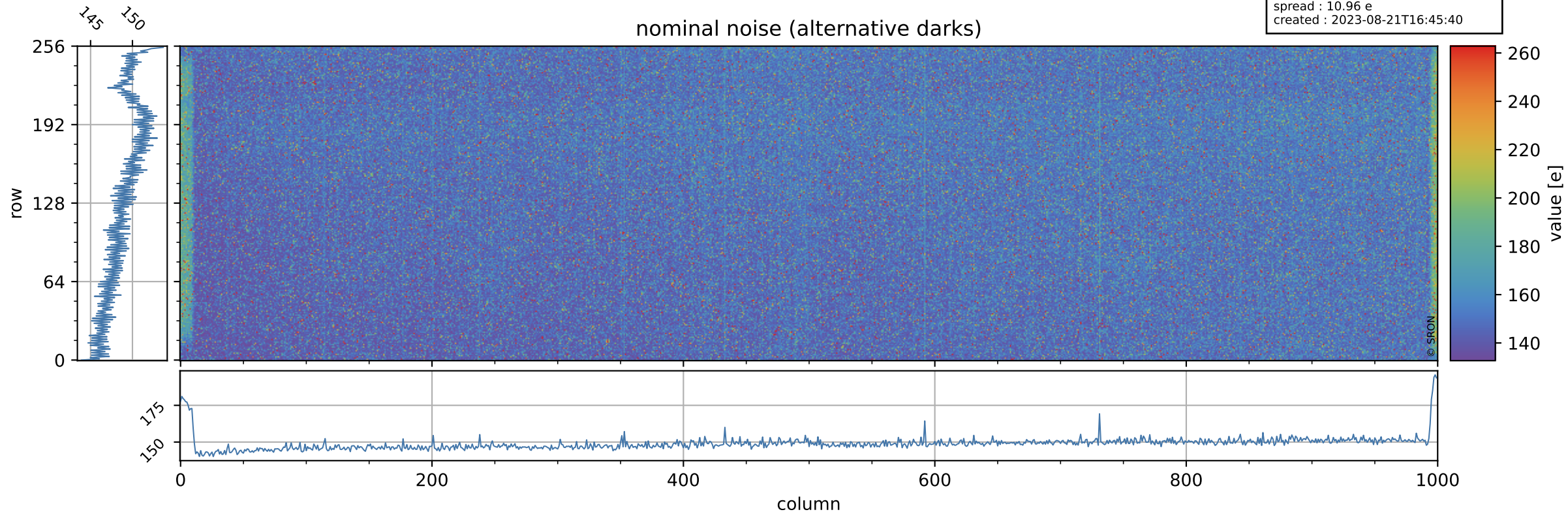


# Tropomi SWIR background noise (swir)

orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
n\_coad, t\_exp : 1, 1.0783  
median : 148.8 e  
spread : 10.96 e  
created : 2023-08-21T16:45:40

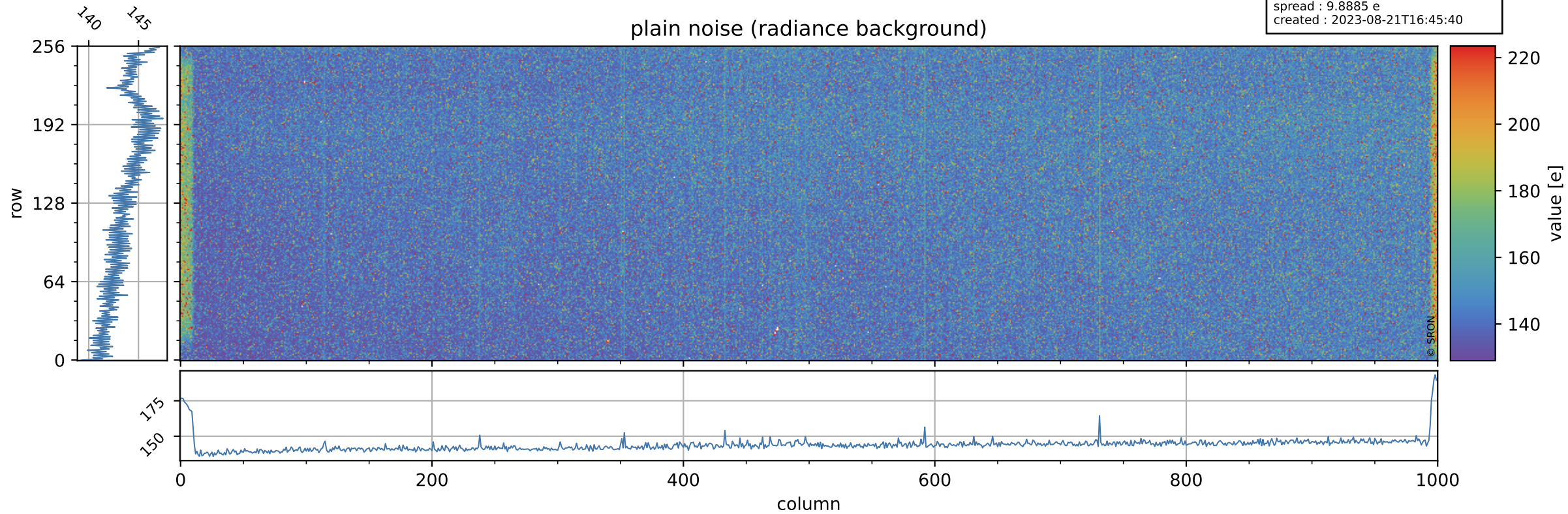
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.6 e  
spread : 9.8885 e  
created : 2023-08-21T16:45:40

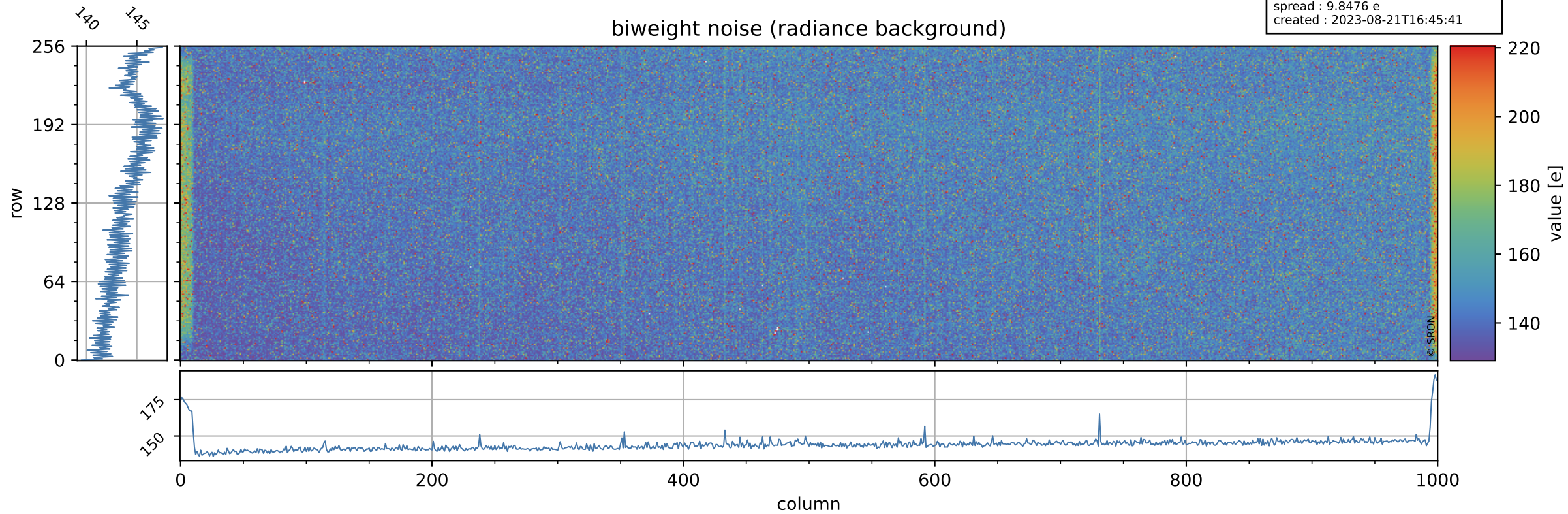
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.8476 e  
created : 2023-08-21T16:45:41

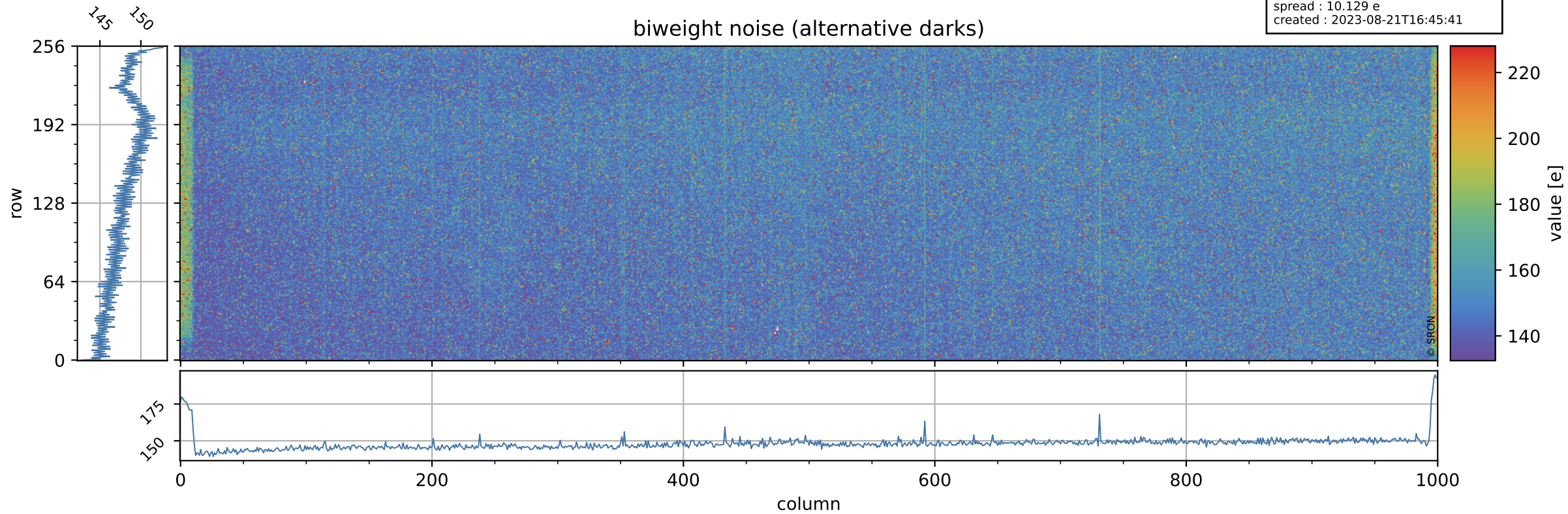
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
n\_coad, t\_exp : 1, 1.0783  
median : 147.83 e  
spread : 10.129 e  
created : 2023-08-21T16:45:41

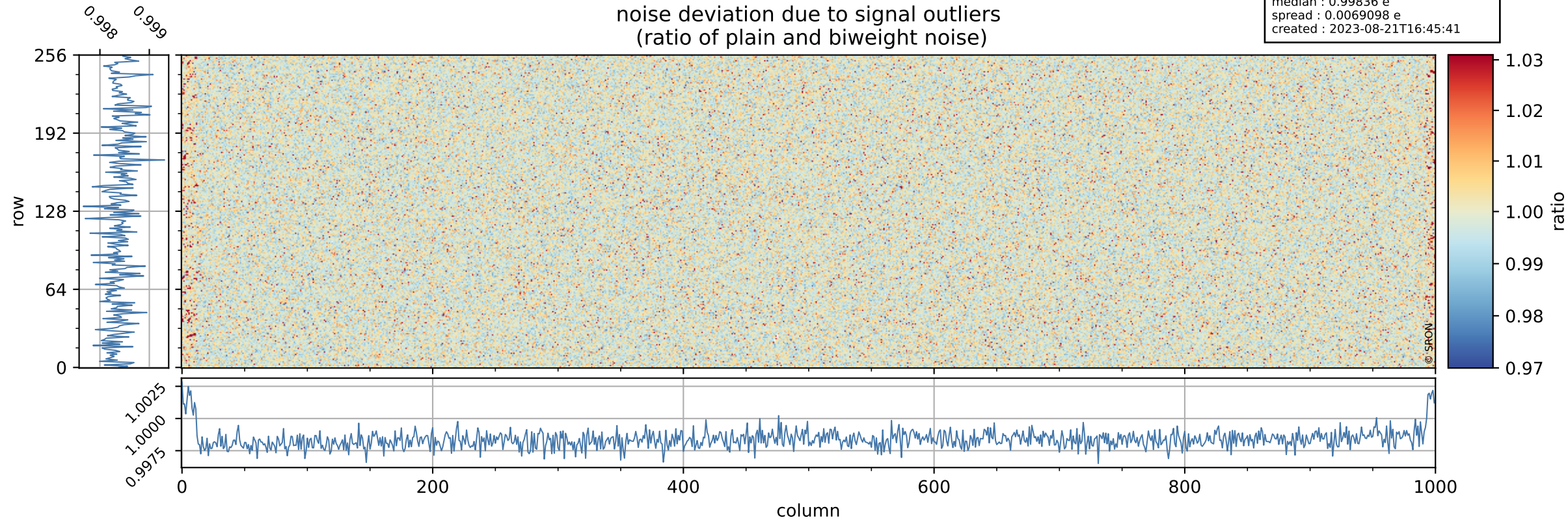
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

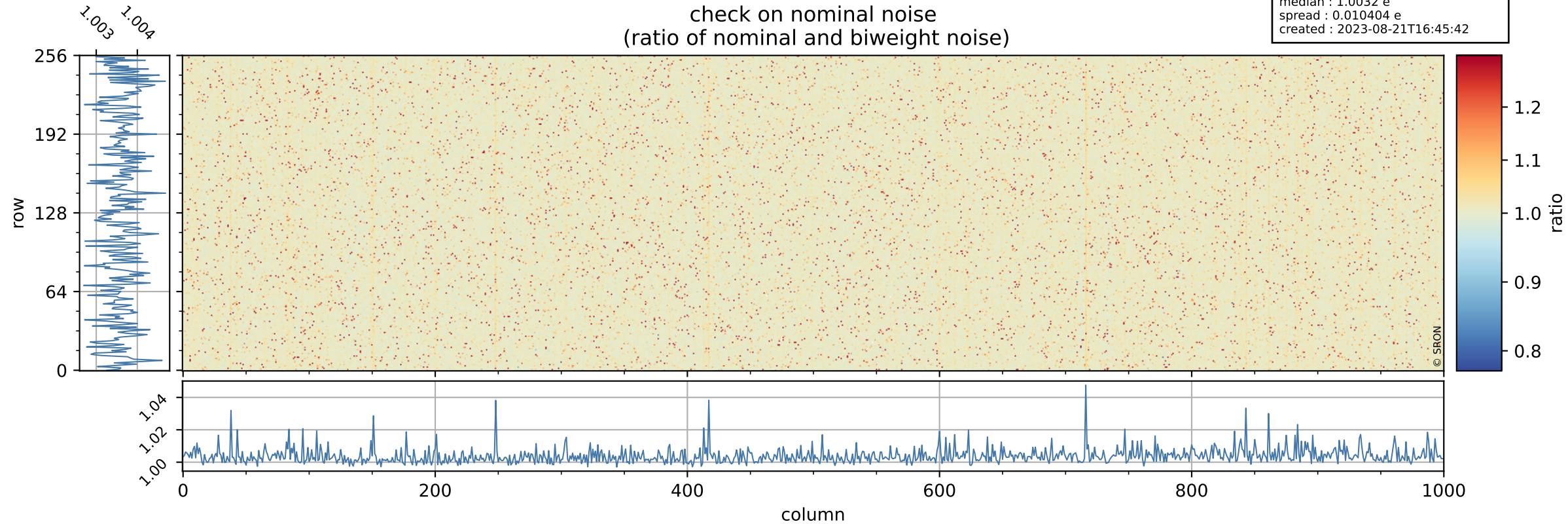
orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
median : 0.99836 e  
spread : 0.0069098 e  
created : 2023-08-21T16:45:41



# Tropomi SWIR background noise (swir)

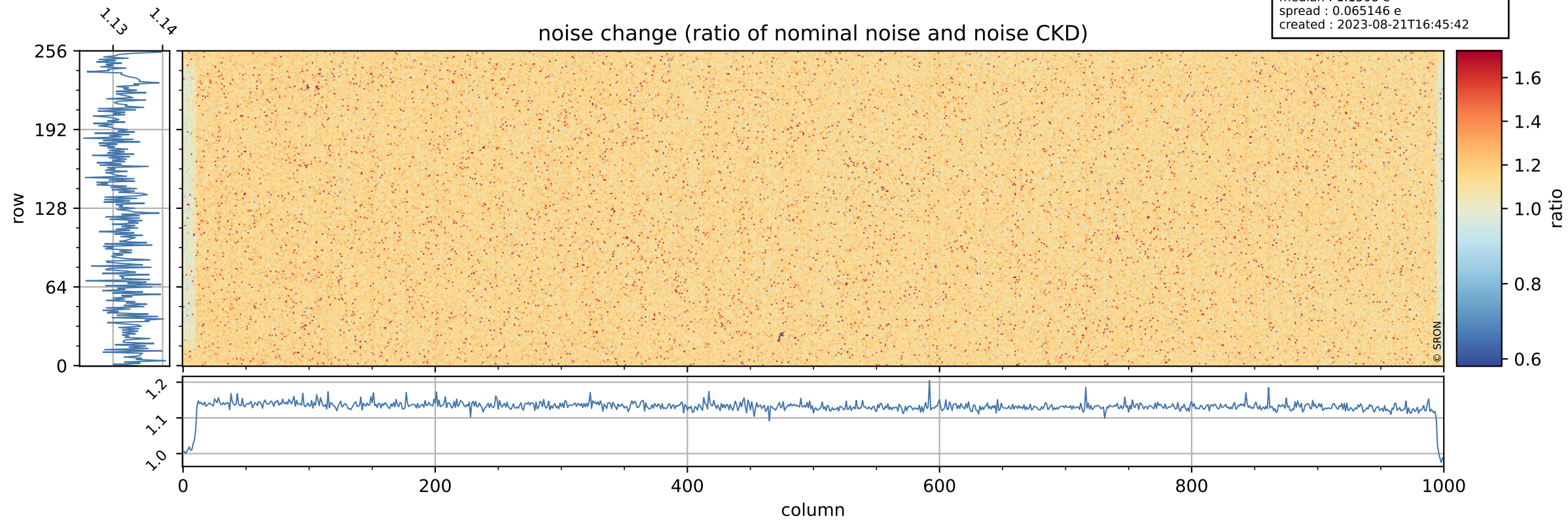
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
median : 1.0032 e  
spread : 0.010404 e  
created : 2023-08-21T16:45:42



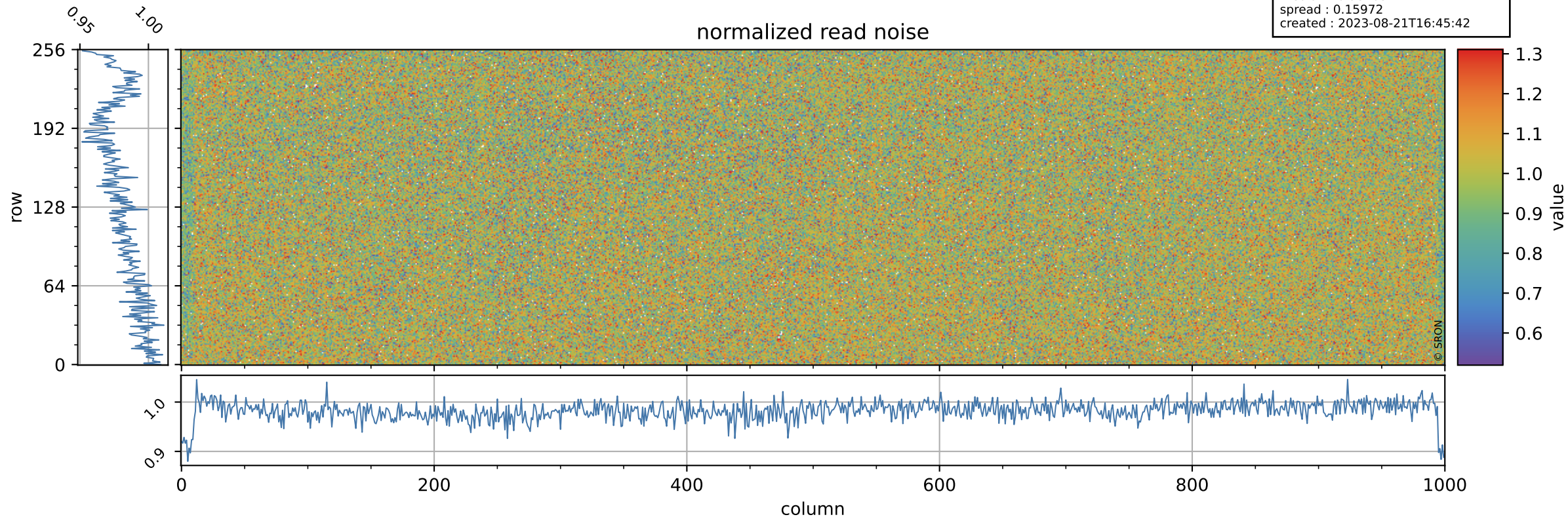
# Tropomi SWIR background noise (swir)

orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
median : 1.1308 e  
spread : 0.065146 e  
created : 2023-08-21T16:45:42



# Tropomi SWIR background noise (swir)

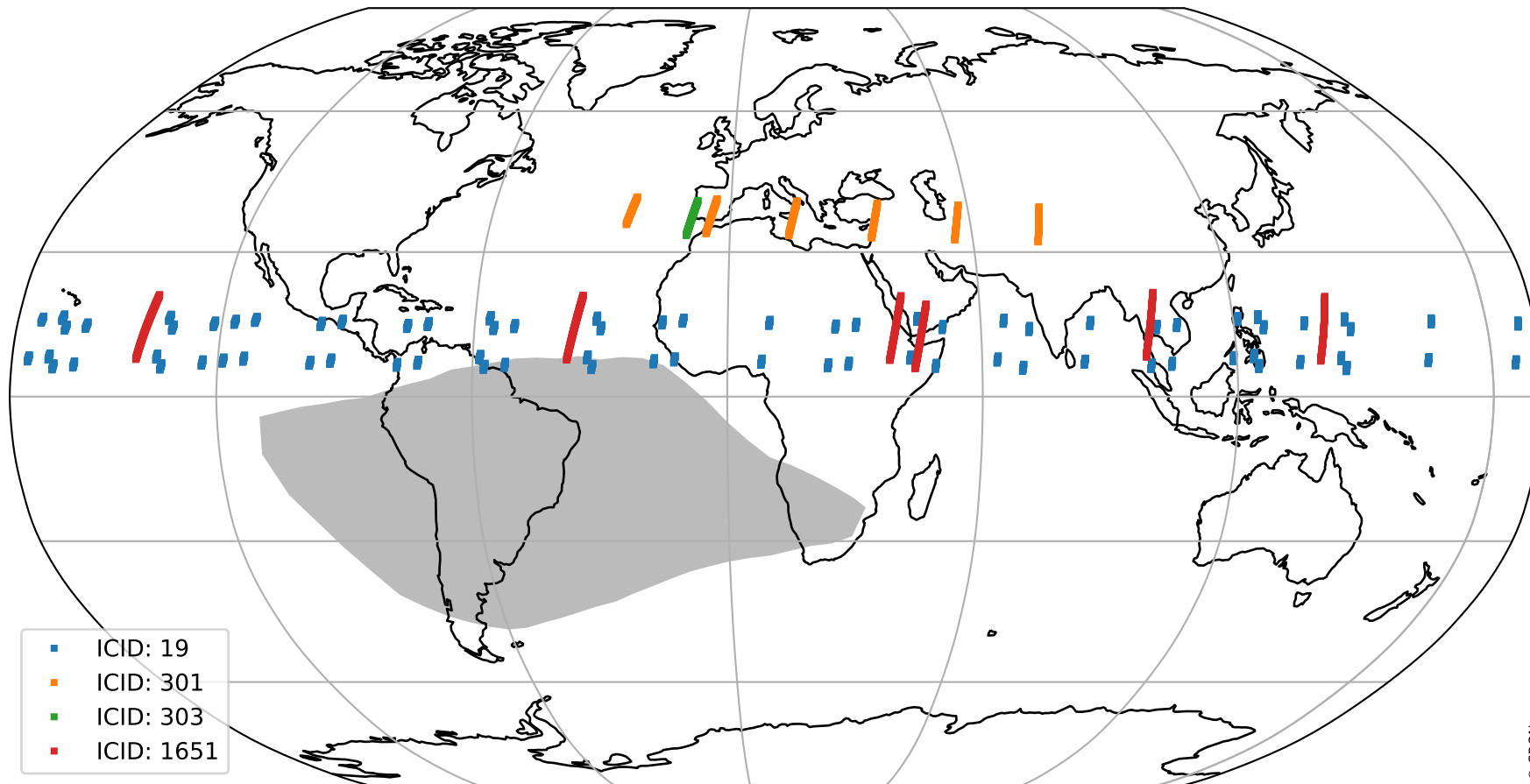
orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
median : 0.98103  
spread : 0.15972  
created : 2023-08-21T16:45:42





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

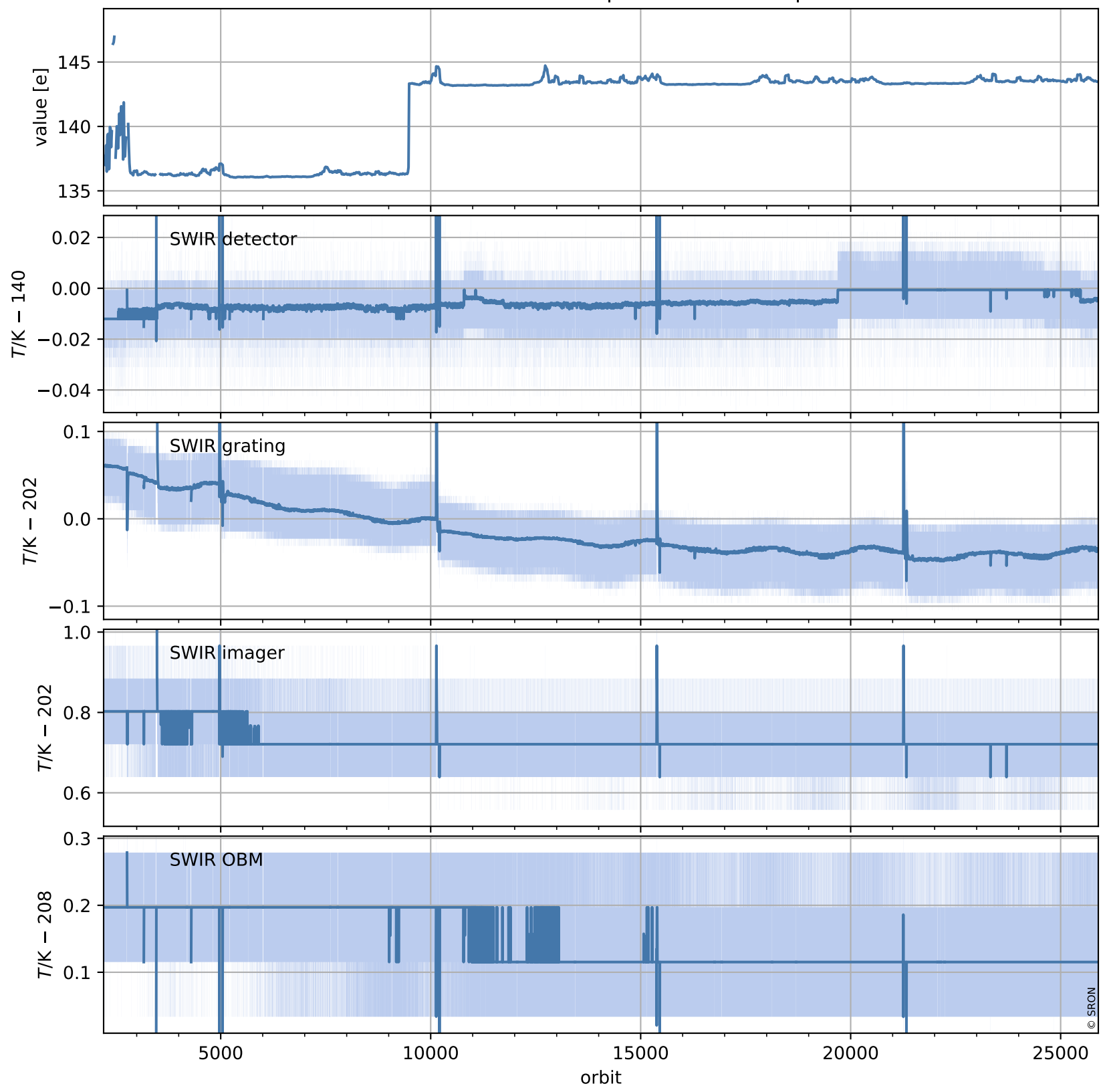
orbits : 13 in [25807, 25897]  
coverage : 2022-10-06 / 2022-10-12  
created : 2023-08-21T16:45:42



# Tropomi SWIR background noise (swir)

orbits : [2212, 25897]  
coverage : 2018-03-18 / 2022-10-12  
created : 2023-08-21T16:45:43

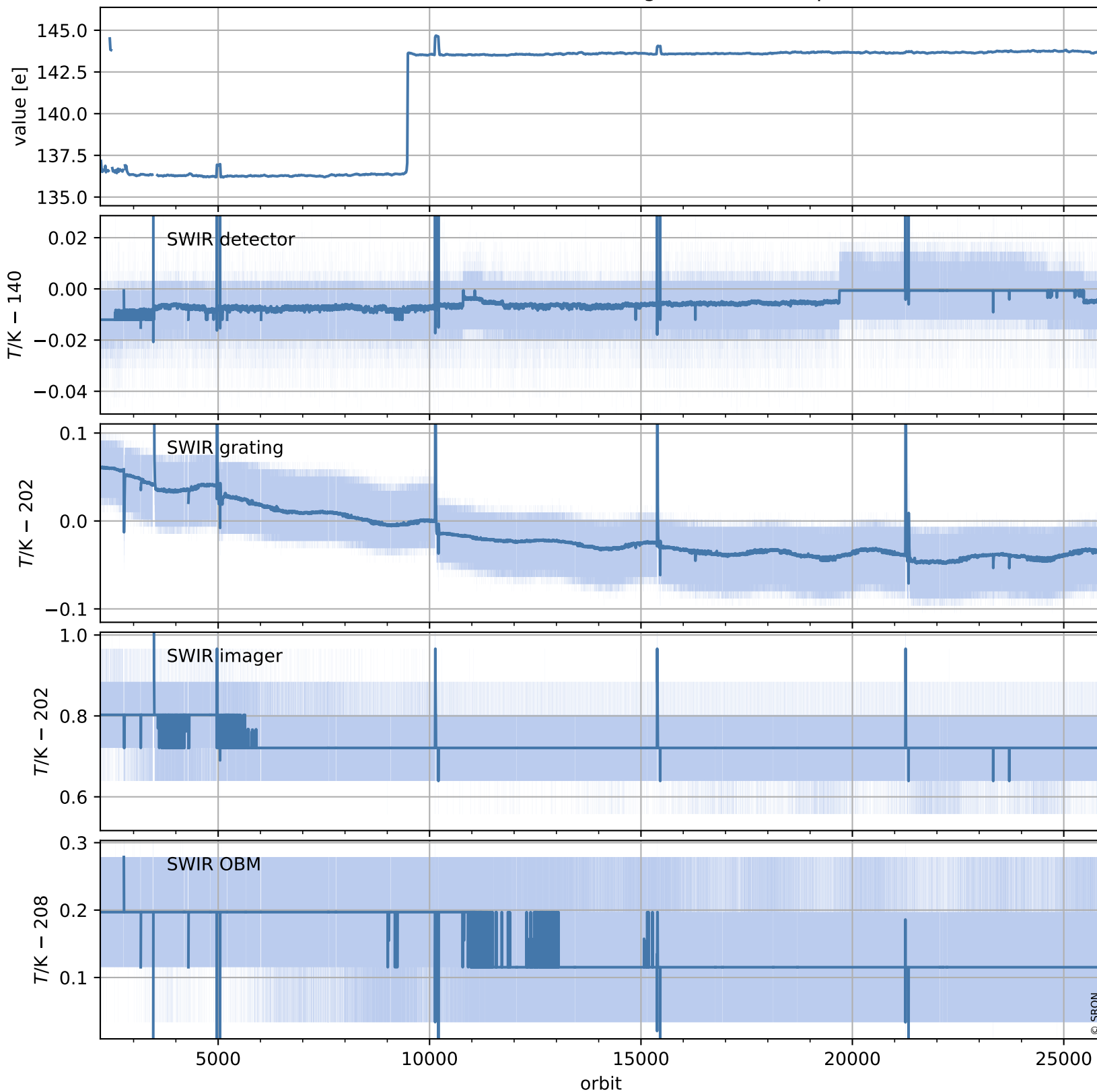
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25897]  
coverage : 2018-03-18 / 2022-10-12  
created : 2023-08-21T16:45:44

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25897]  
coverage : 2018-03-18 / 2022-10-12  
created : 2023-08-21T16:45:45

## trend of normalized read-noise & temperatures

