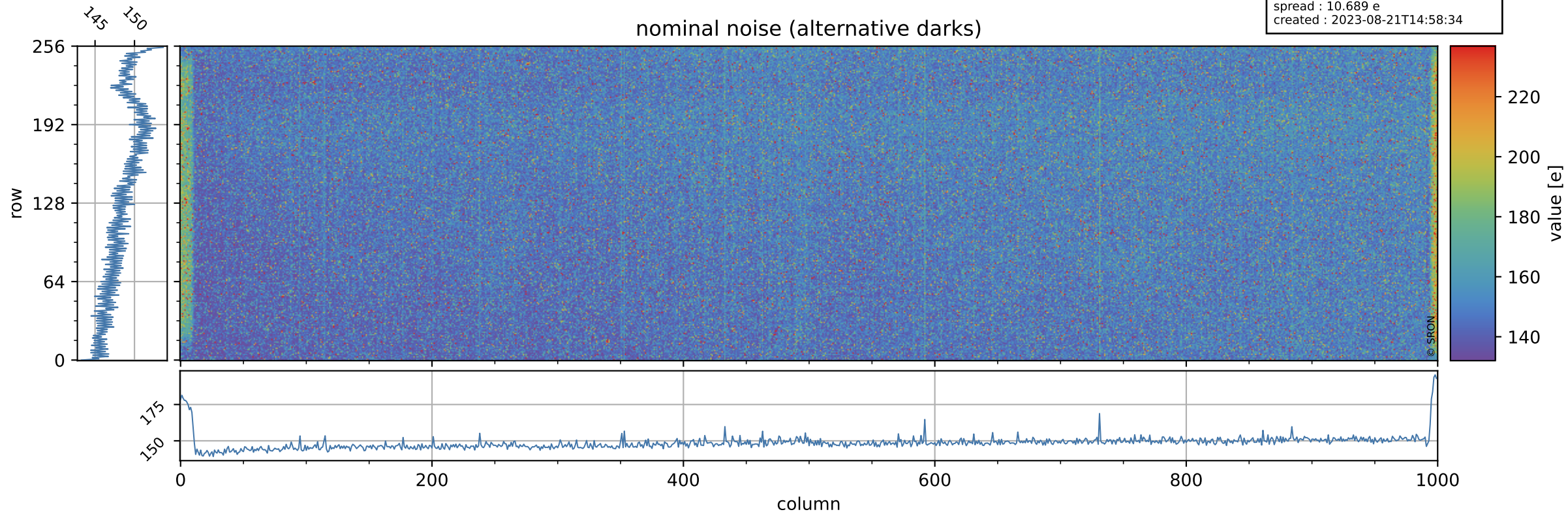


# Tropomi SWIR background noise (swir)

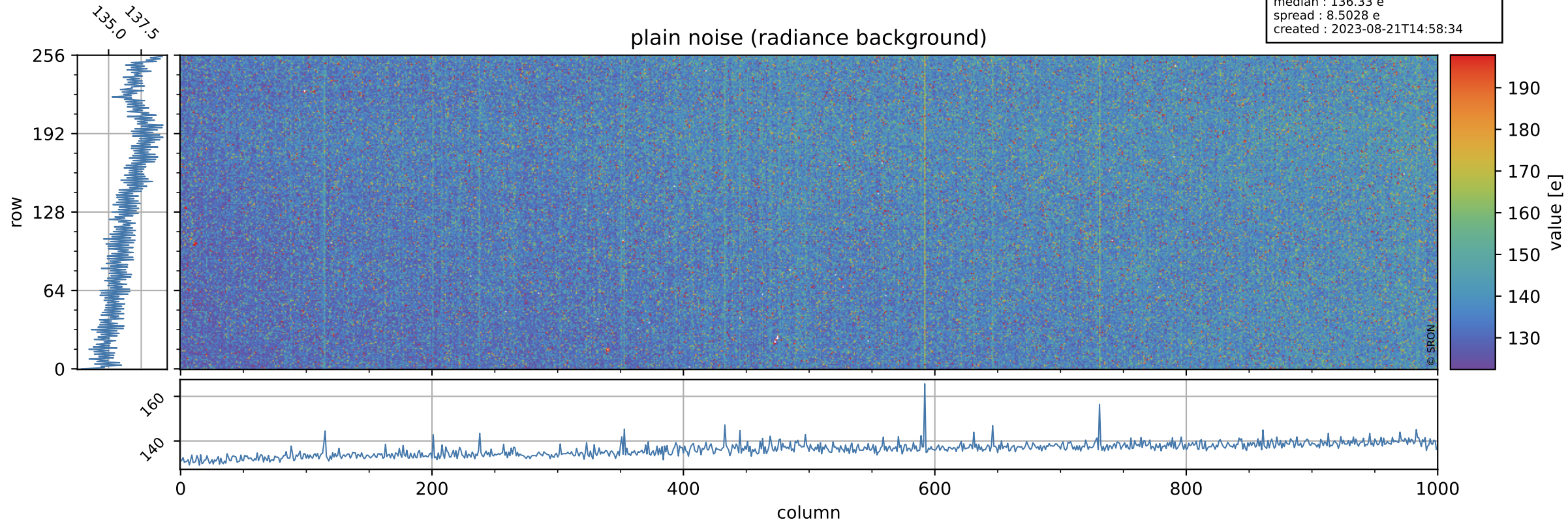
orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
n\_coad, t\_exp : 1, 1.0783  
median : 148.41 e  
spread : 10.689 e  
created : 2023-08-21T14:58:34



# Tropomi SWIR background noise (swir)

orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.33 e  
spread : 8.5028 e  
created : 2023-08-21T14:58:34

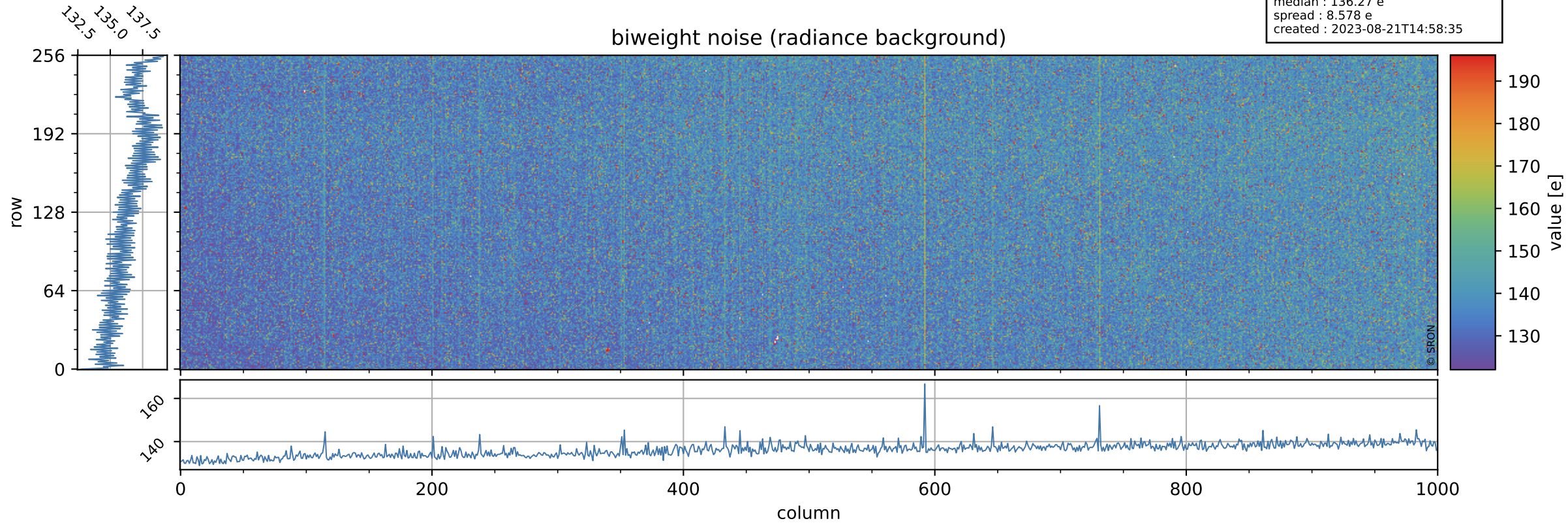
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.27 e  
spread : 8.578 e  
created : 2023-08-21T14:58:35

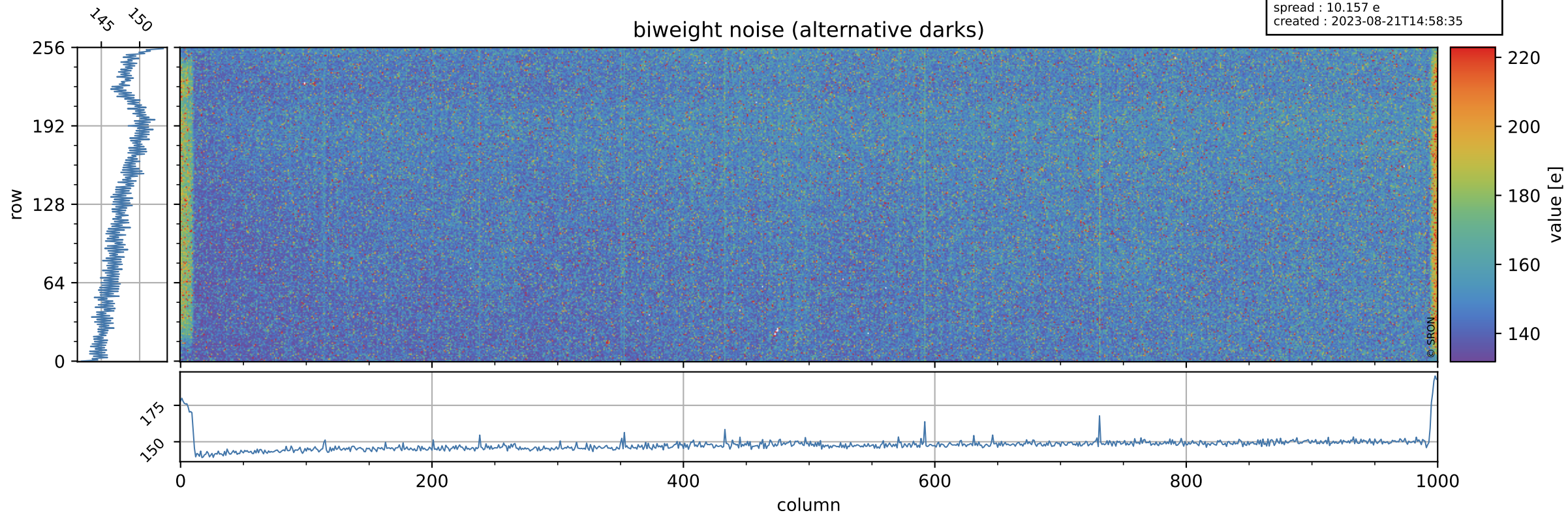
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 10.157 e  
created : 2023-08-21T14:58:35

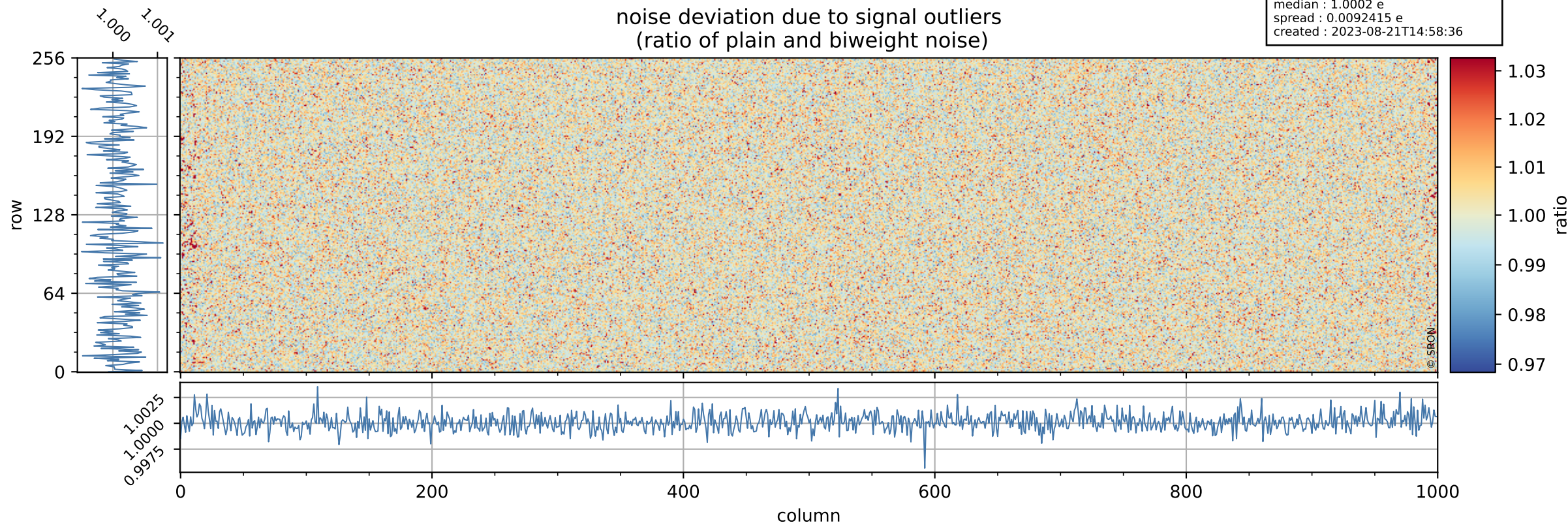
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

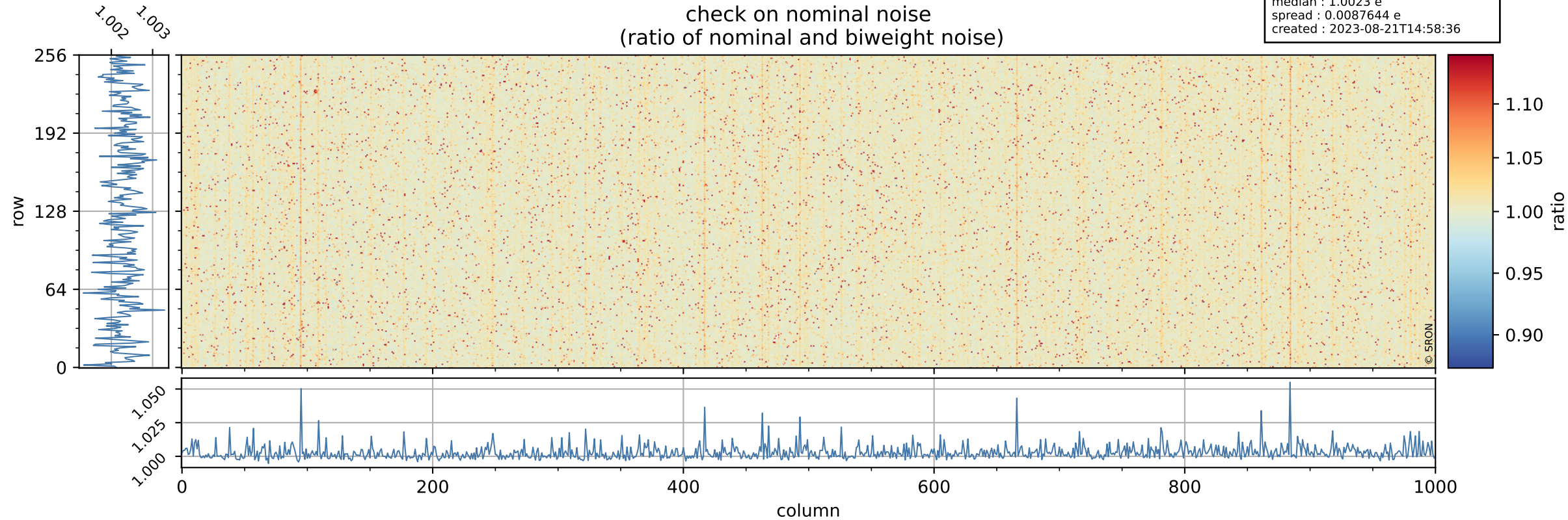
orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
median : 1.0002 e  
spread : 0.0092415 e  
created : 2023-08-21T14:58:36



# Tropomi SWIR background noise (swir)

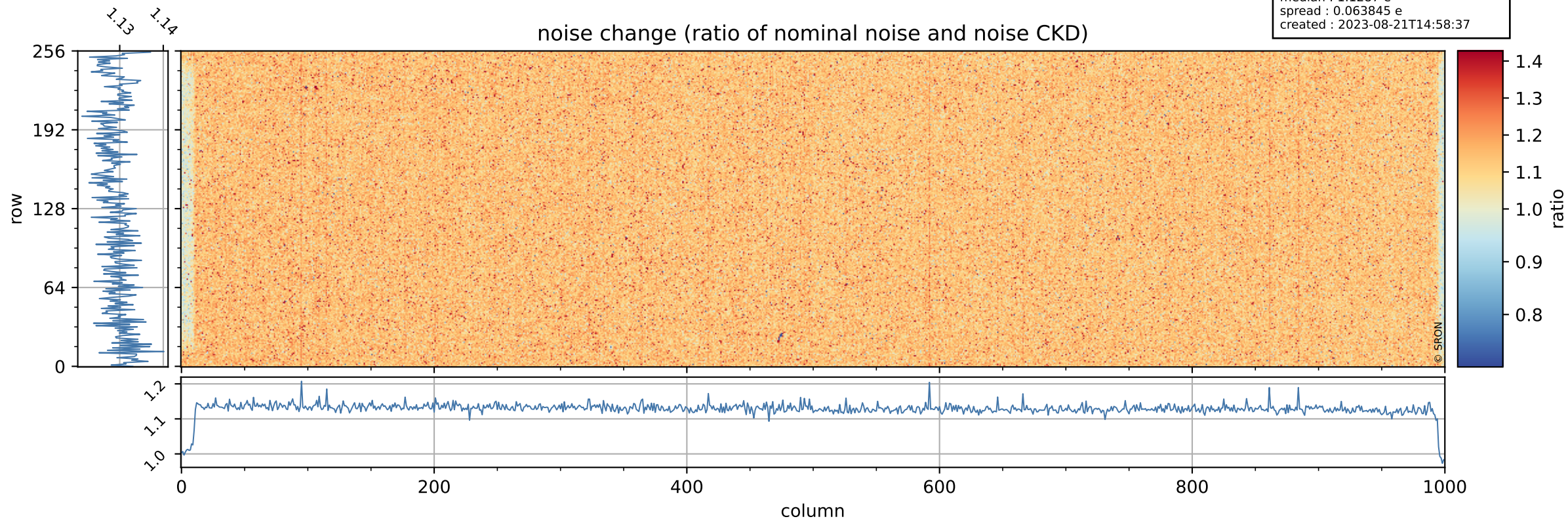
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
median : 1.0023 e  
spread : 0.0087644 e  
created : 2023-08-21T14:58:36



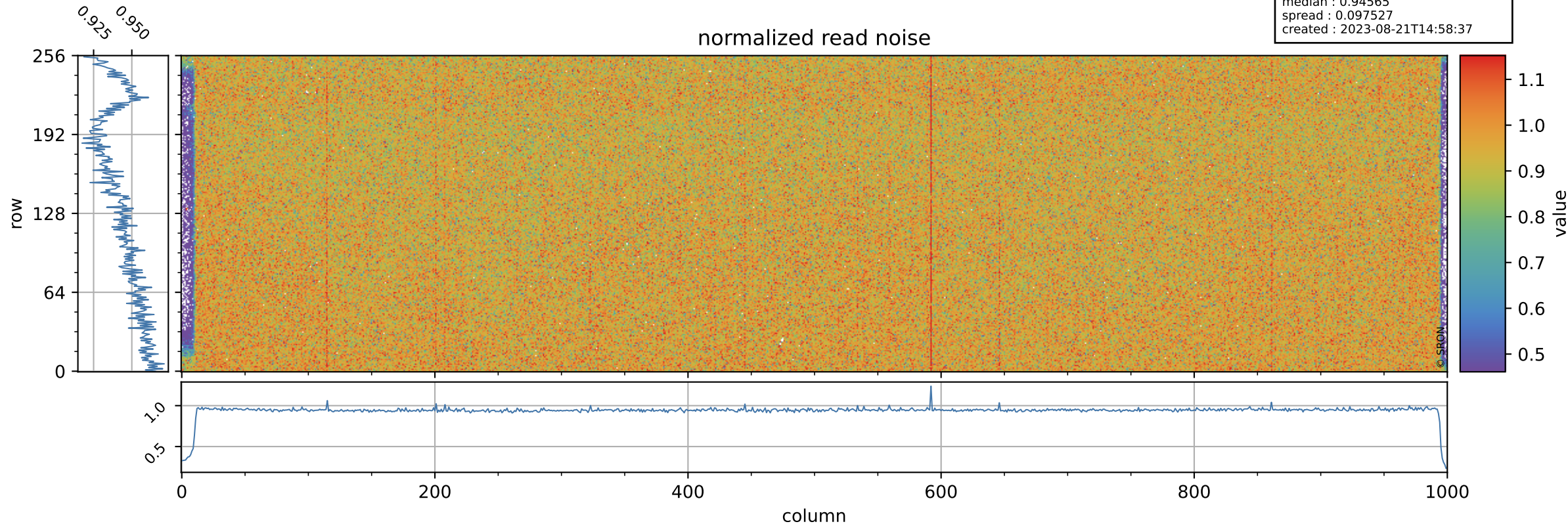
# Tropomi SWIR background noise (swir)

orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
median : 1.1287 e  
spread : 0.063845 e  
created : 2023-08-21T14:58:37



# Tropomi SWIR background noise (swir)

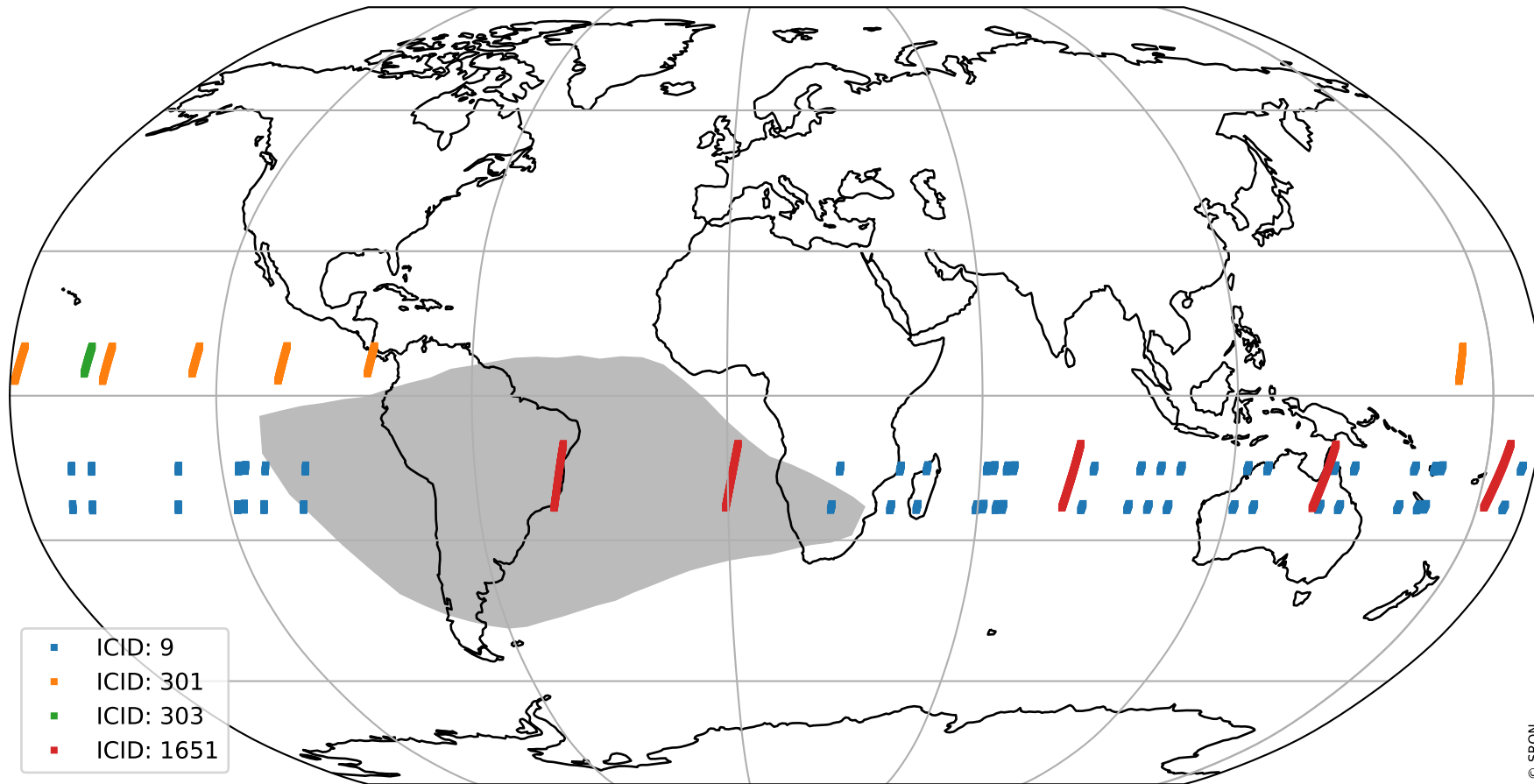
orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
median : 0.94565  
spread : 0.097527  
created : 2023-08-21T14:58:37





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

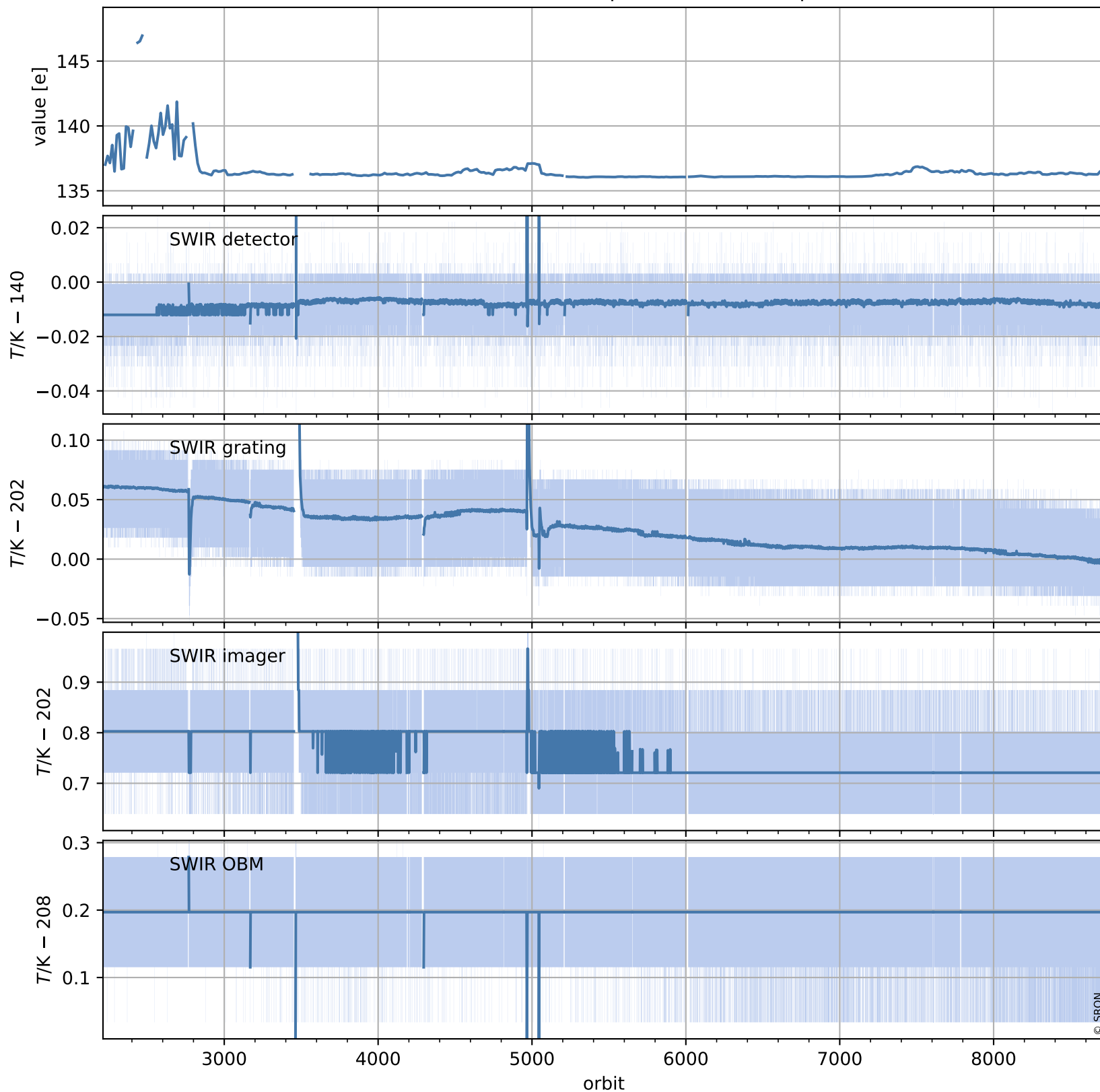
orbits : 12 in [8632, 8722]  
coverage : 2019-06-14 / 2019-06-19  
created : 2023-08-21T14:58:38



# Tropomi SWIR background noise (swir)

orbits : [2212, 8722]  
coverage : 2018-03-18 / 2019-06-19  
created : 2023-08-21T14:58:38

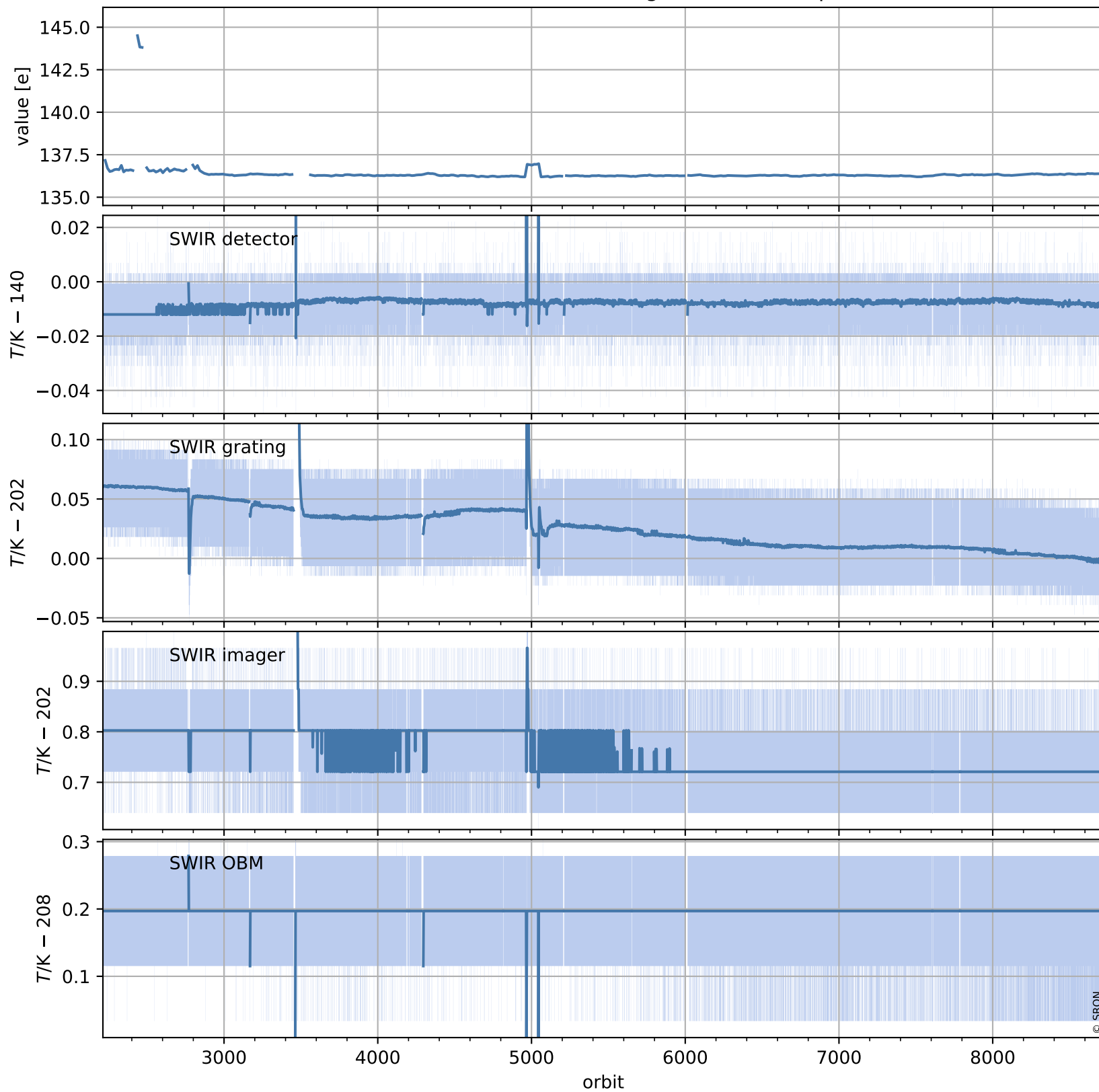
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8722]  
coverage : 2018-03-18 / 2019-06-19  
created : 2023-08-21T14:58:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8722]  
coverage : 2018-03-18 / 2019-06-19  
created : 2023-08-21T14:58:39

## trend of normalized read-noise & temperatures

