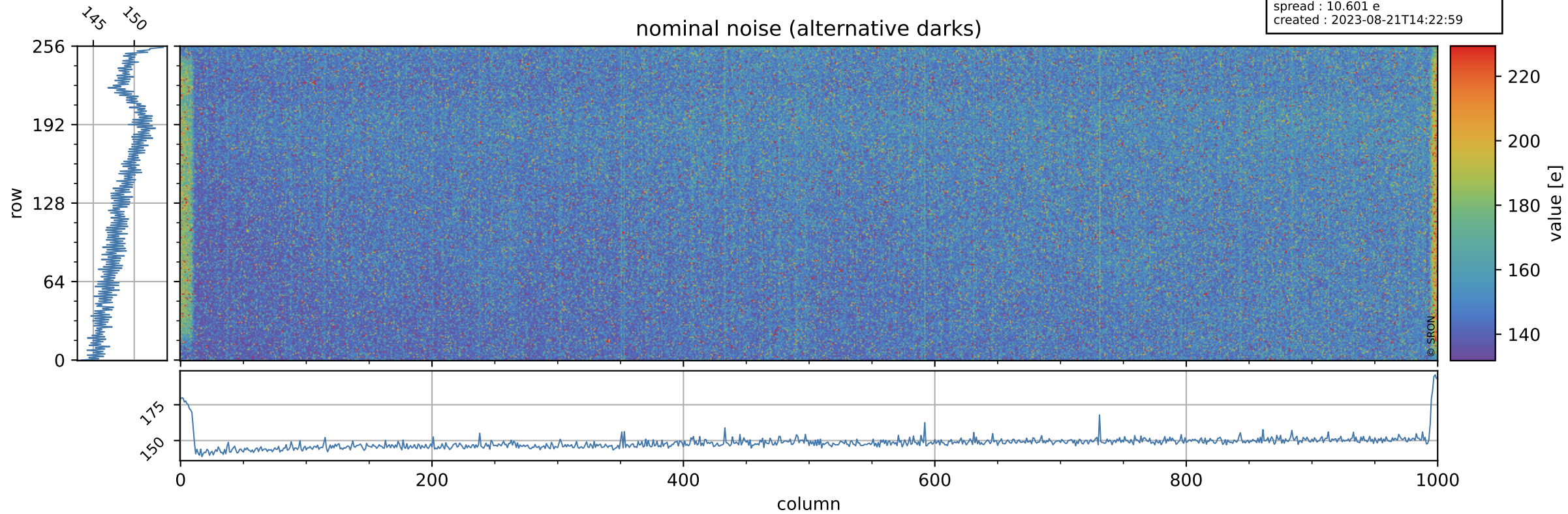


# Tropomi SWIR background noise (swir)

orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
n\_coad, t\_exp : 1, 1.0783  
median : 148.32 e  
spread : 10.601 e  
created : 2023-08-21T14:22:59

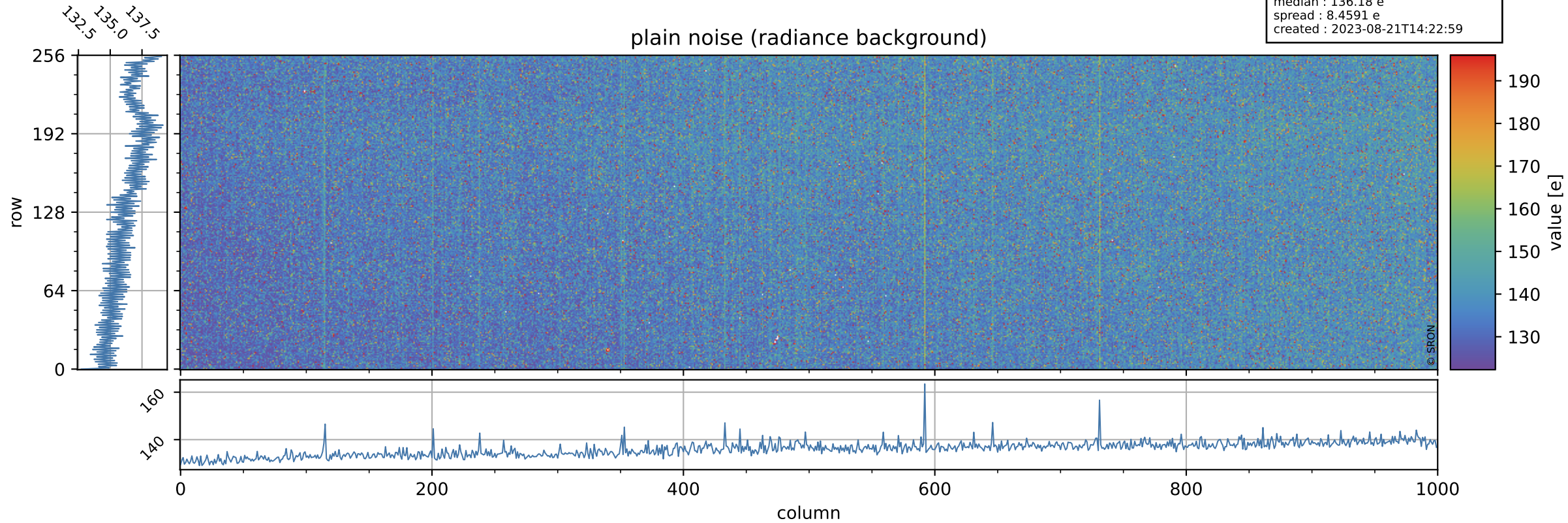
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.4591 e  
created : 2023-08-21T14:22:59

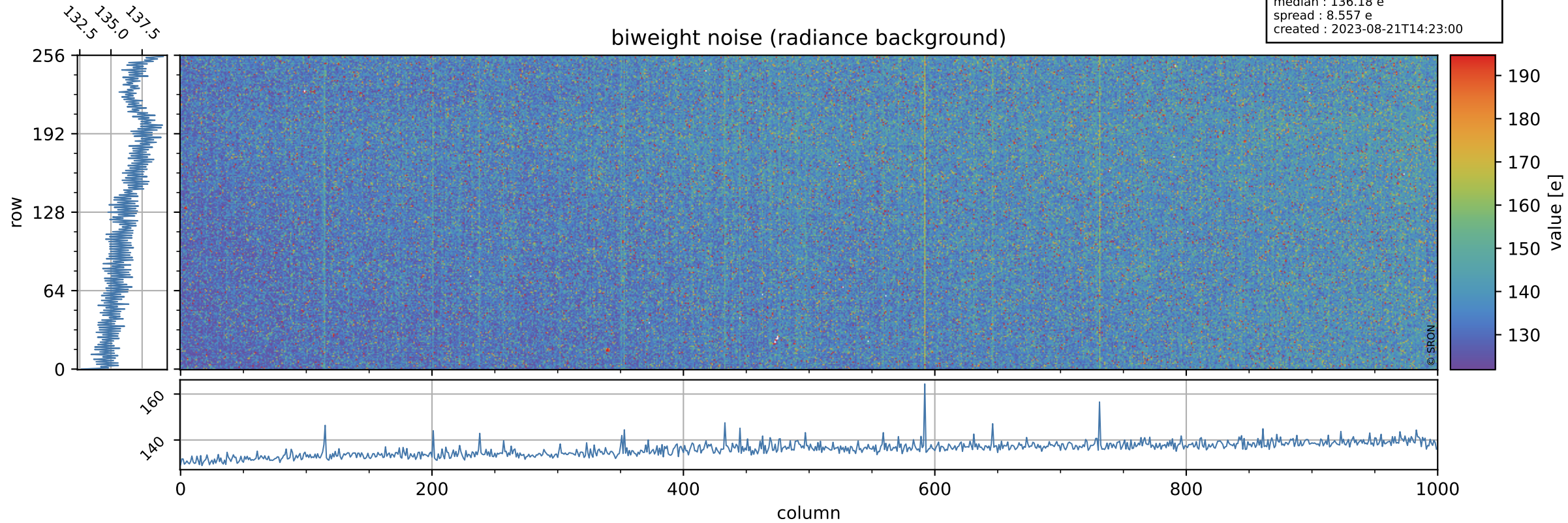
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.557 e  
created : 2023-08-21T14:23:00

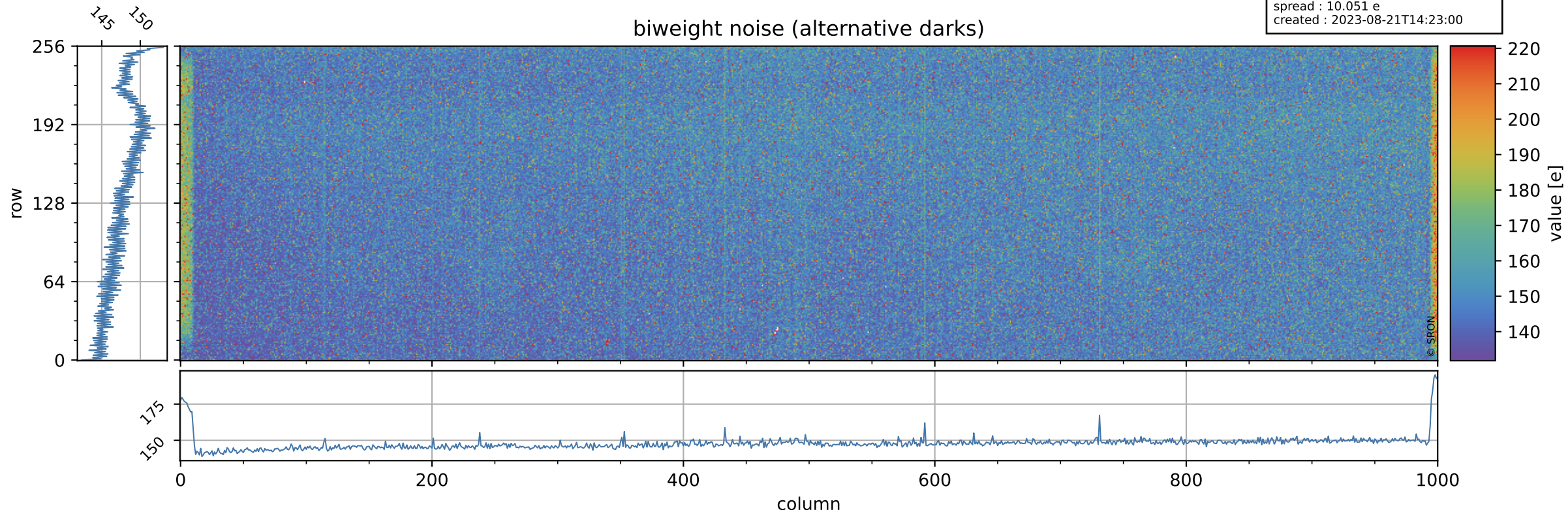
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
n\_coad, t\_exp : 1, 1.0783  
median : 147.55 e  
spread : 10.051 e  
created : 2023-08-21T14:23:00

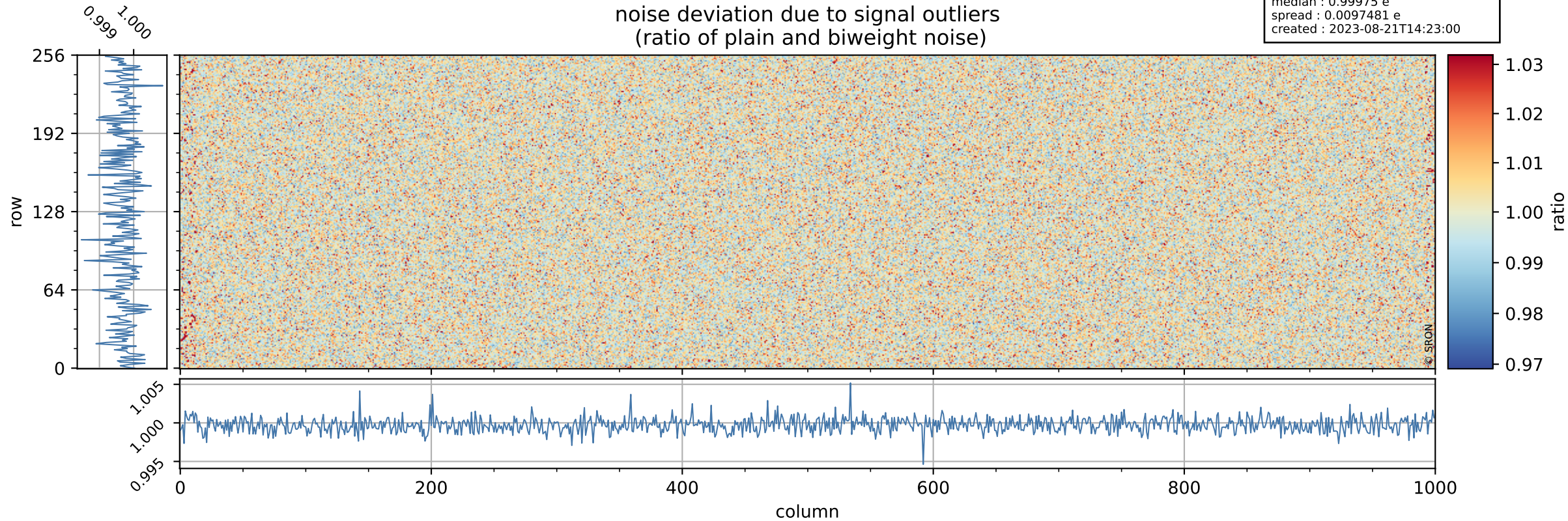
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

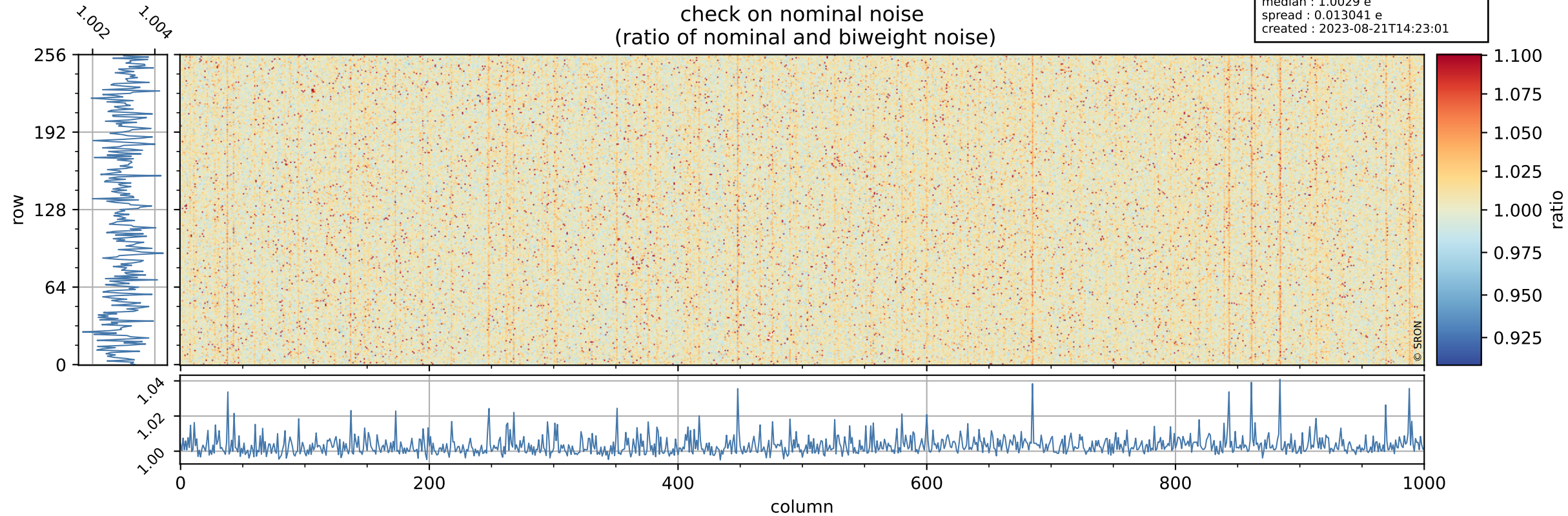
orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
median : 0.99975 e  
spread : 0.0097481 e  
created : 2023-08-21T14:23:00



# Tropomi SWIR background noise (swir)

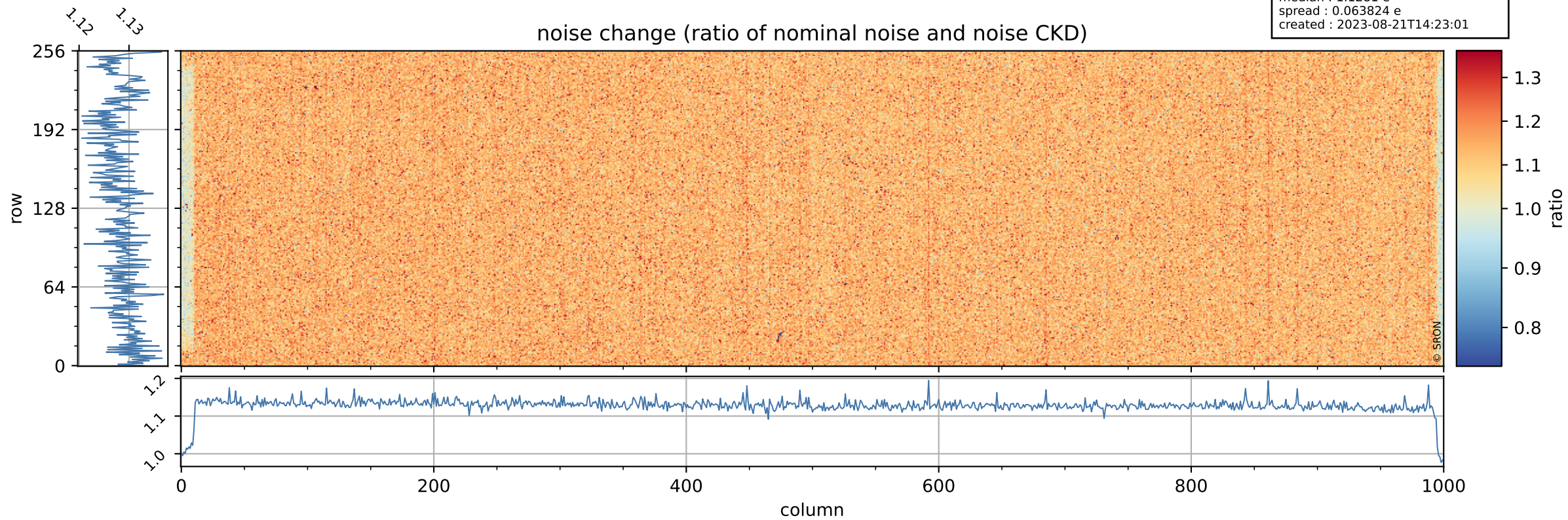
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
median : 1.0029 e  
spread : 0.013041 e  
created : 2023-08-21T14:23:01



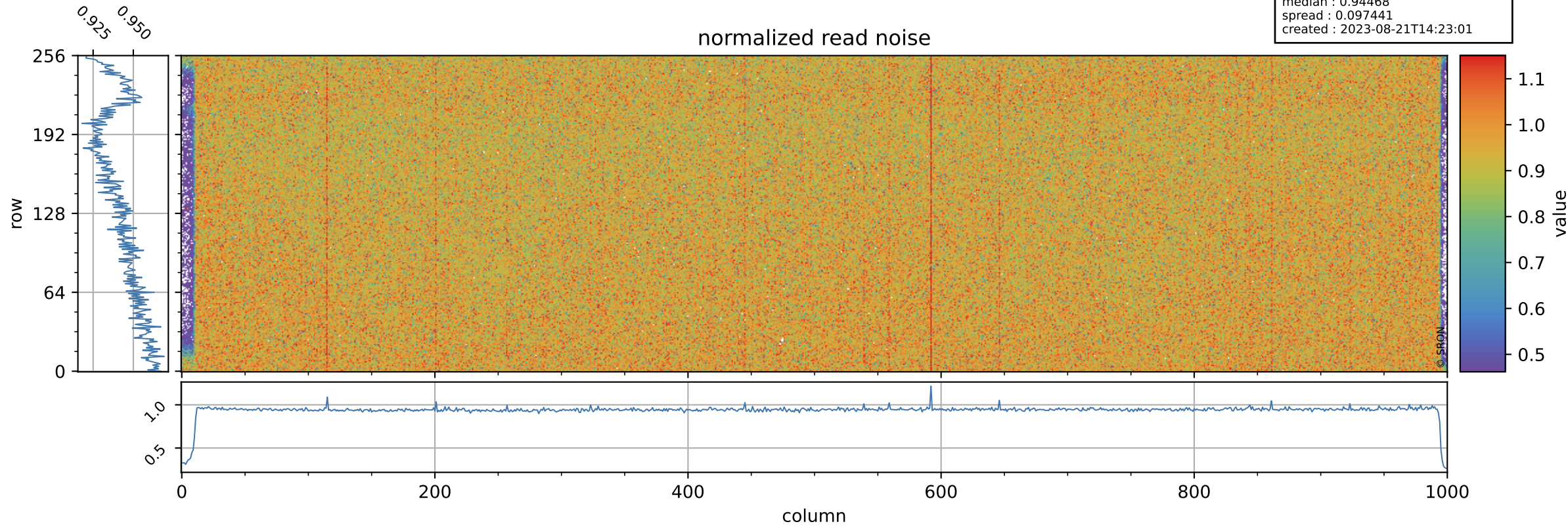
# Tropomi SWIR background noise (swir)

orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
median : 1.1281 e  
spread : 0.063824 e  
created : 2023-08-21T14:23:01



# Tropomi SWIR background noise (swir)

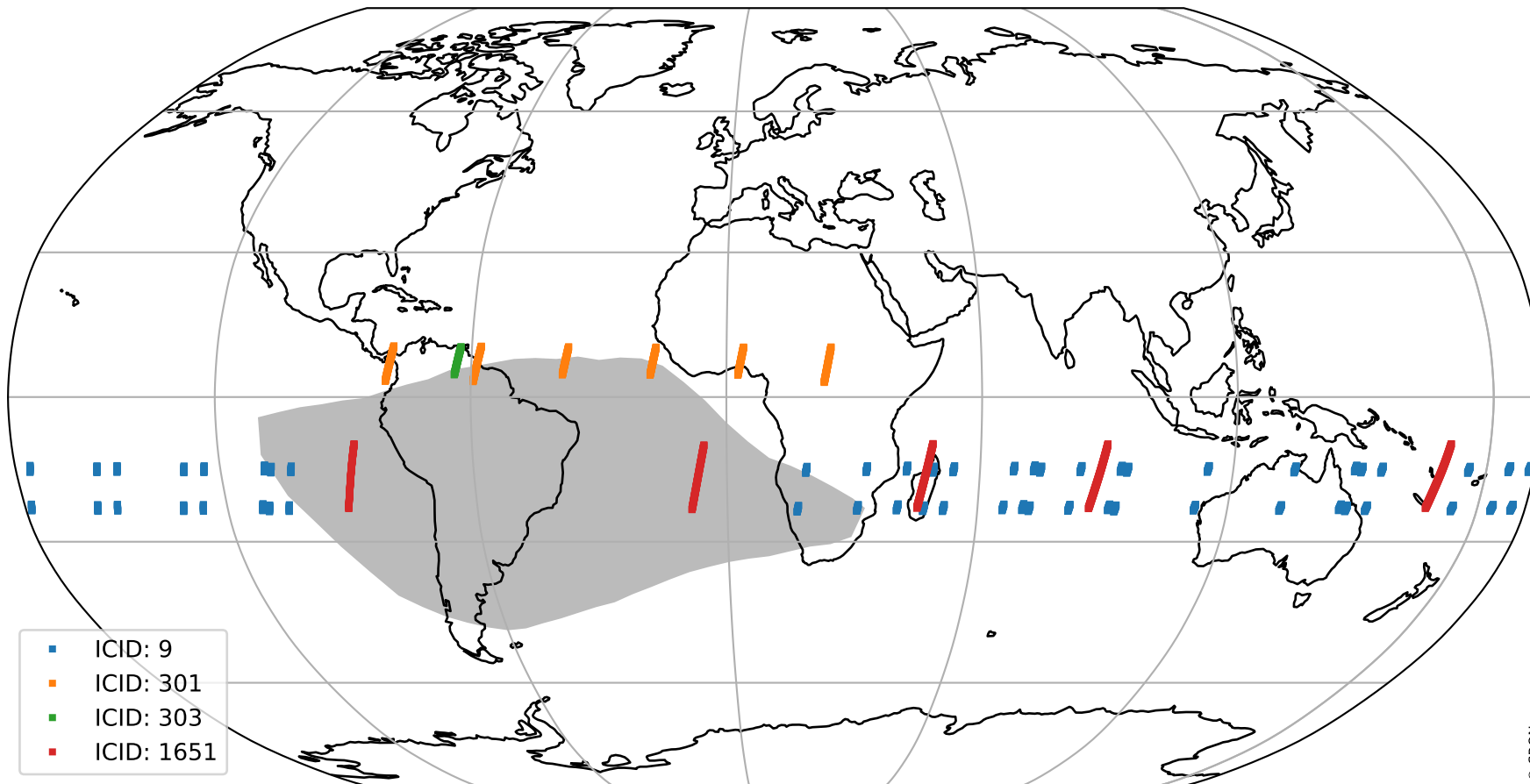
orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
median : 0.94468  
spread : 0.097441  
created : 2023-08-21T14:23:01





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

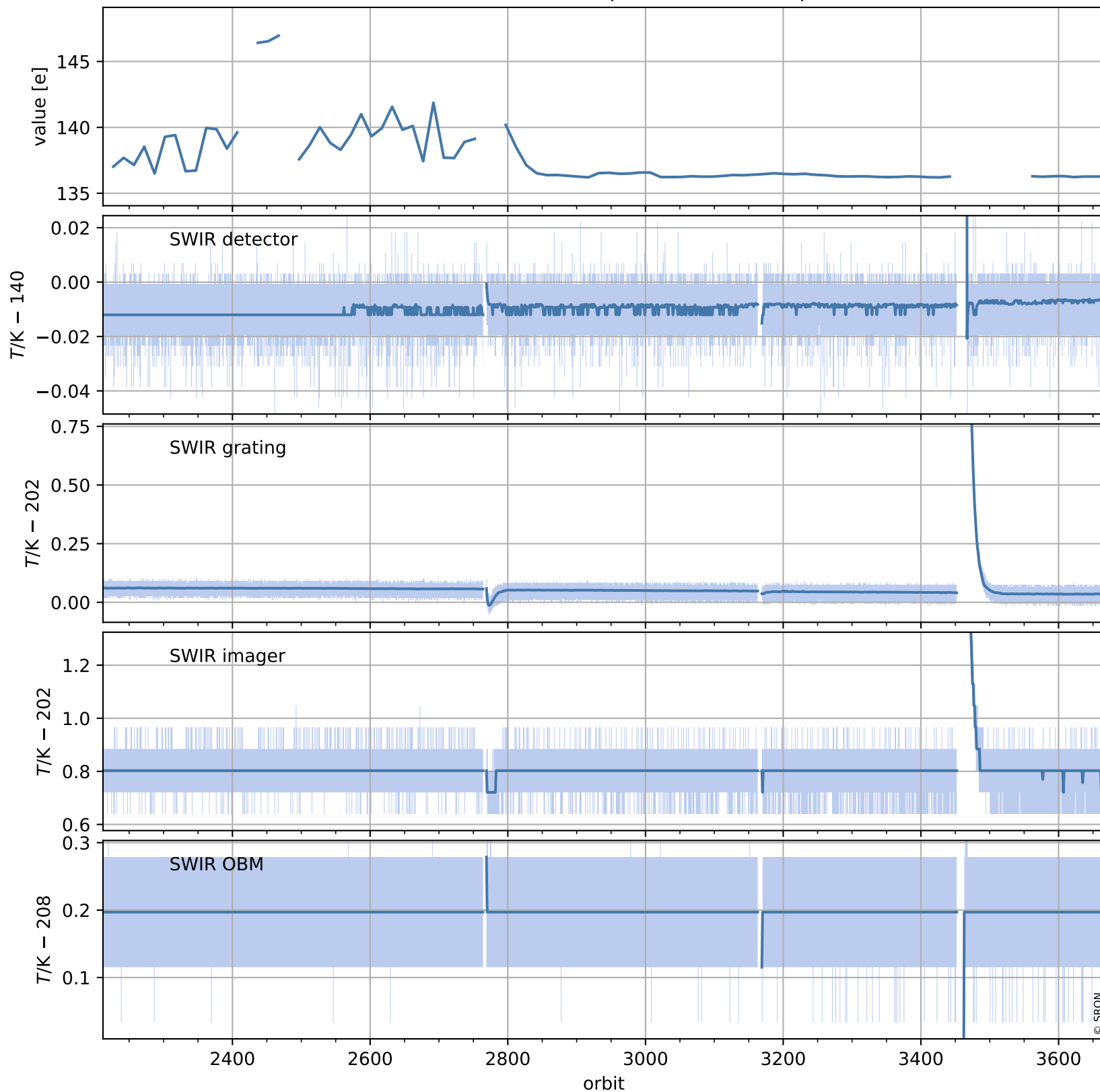
orbits : 12 in [3577, 3667]  
coverage : 2018-06-22 / 2018-06-28  
created : 2023-08-21T14:23:01



# Tropomi SWIR background noise (swir)

orbits : [2212, 3667]  
coverage : 2018-03-18 / 2018-06-28  
created : 2023-08-21T14:23:02

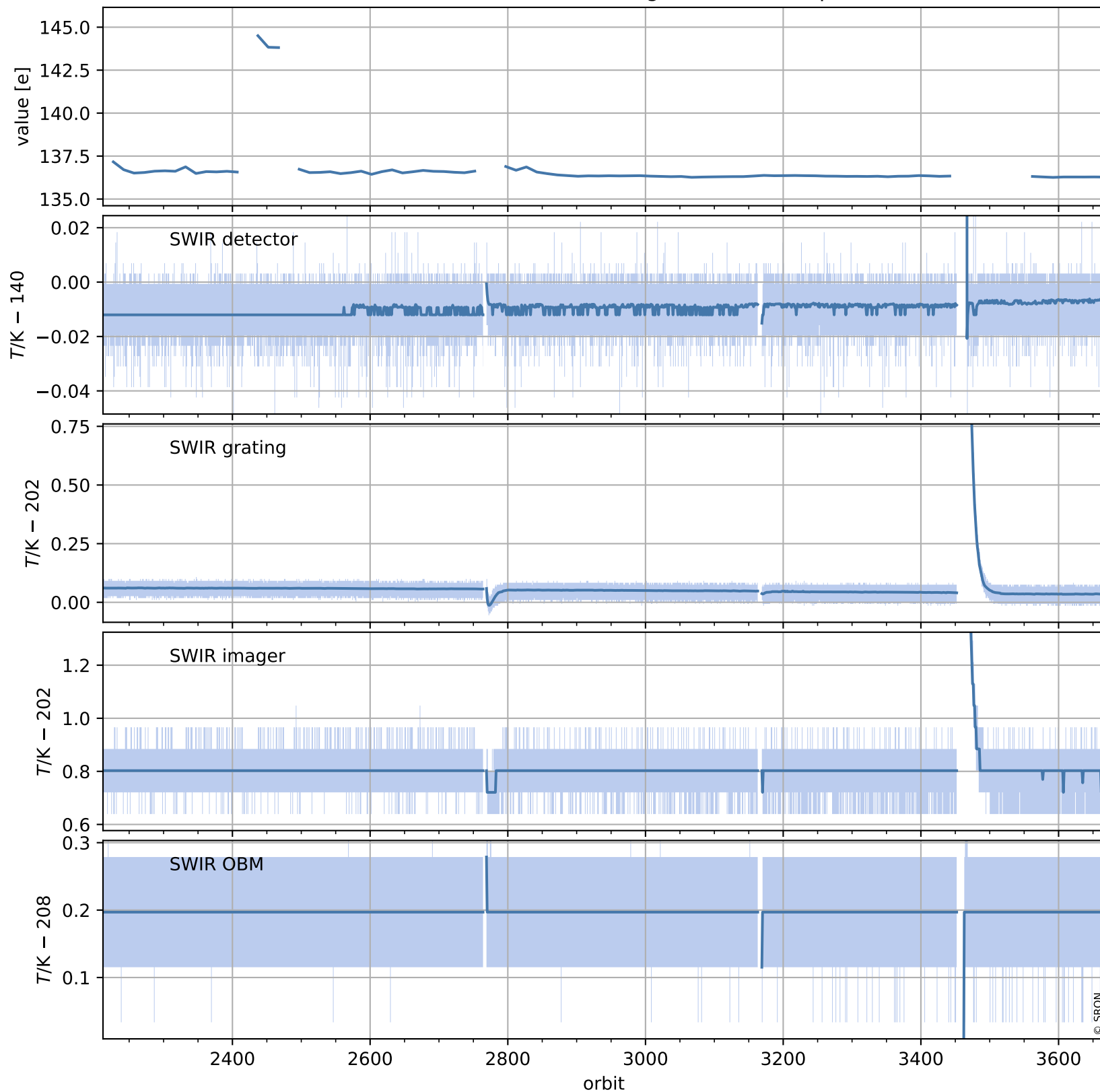
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3667]  
coverage : 2018-03-18 / 2018-06-28  
created : 2023-08-21T14:23:02

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3667]  
coverage : 2018-03-18 / 2018-06-28  
created : 2023-08-21T14:23:03

## trend of normalized read-noise & temperatures

