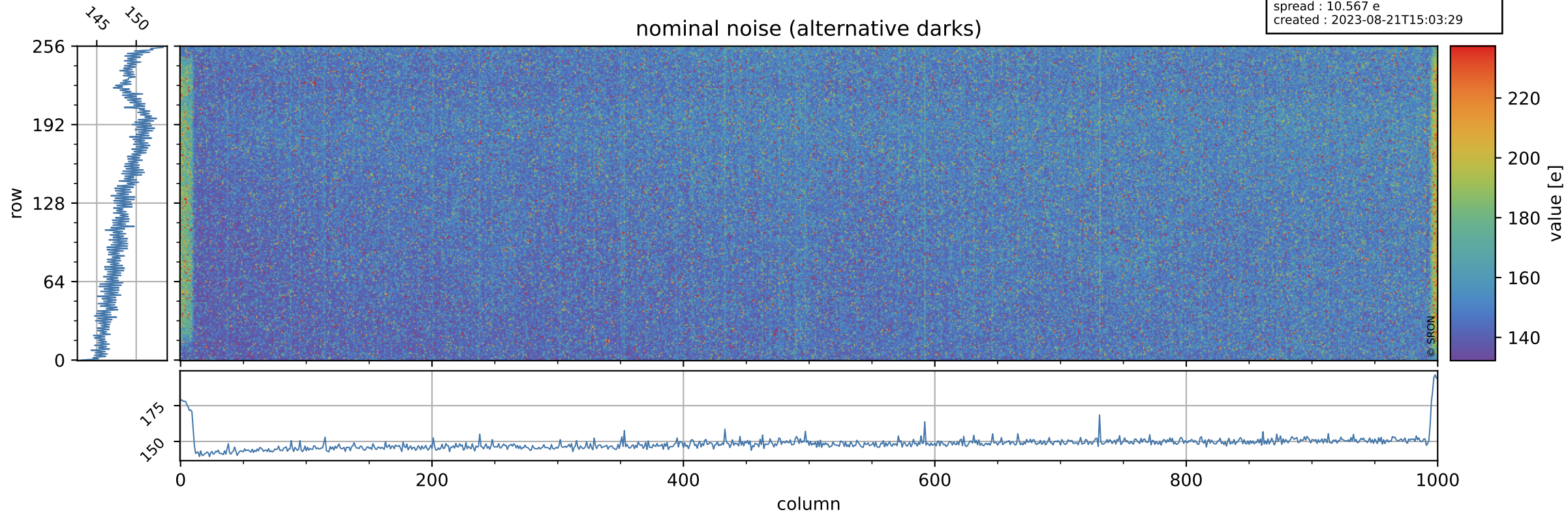


# Tropomi SWIR background noise (swir)

orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
n\_coad, t\_exp : 1, 1.0783  
median : 148.35 e  
spread : 10.567 e  
created : 2023-08-21T15:03:29

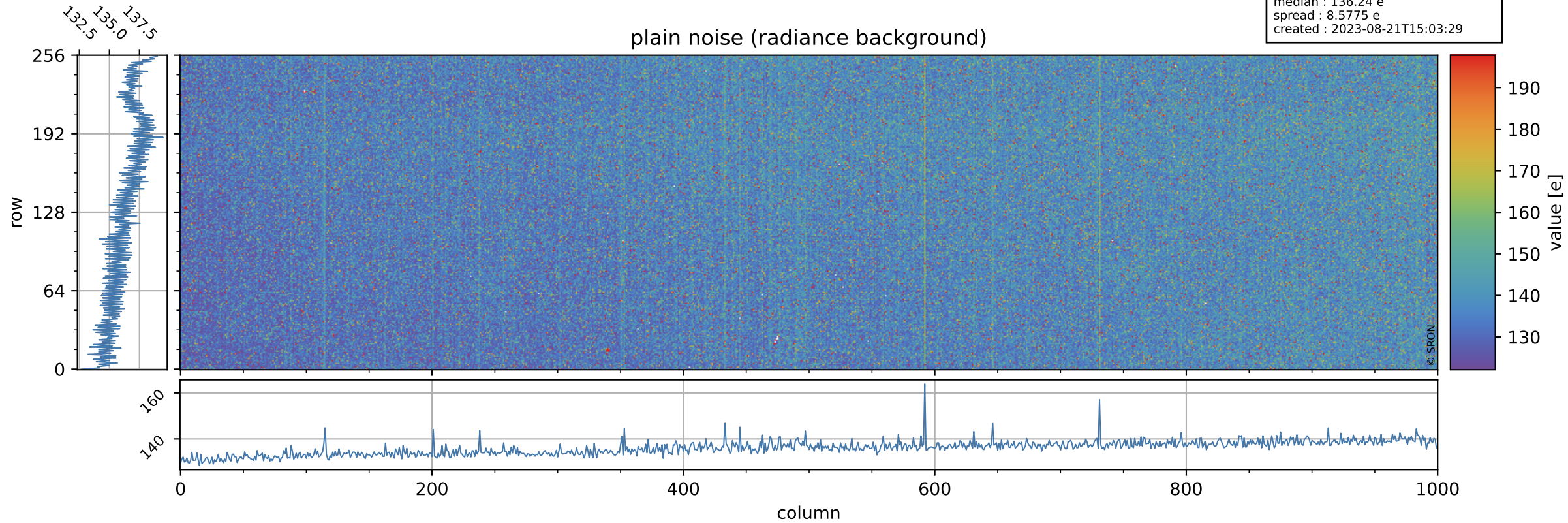
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
n\_coad, t\_exp : 2, 0.5383  
median : 136.24 e  
spread : 8.5775 e  
created : 2023-08-21T15:03:29

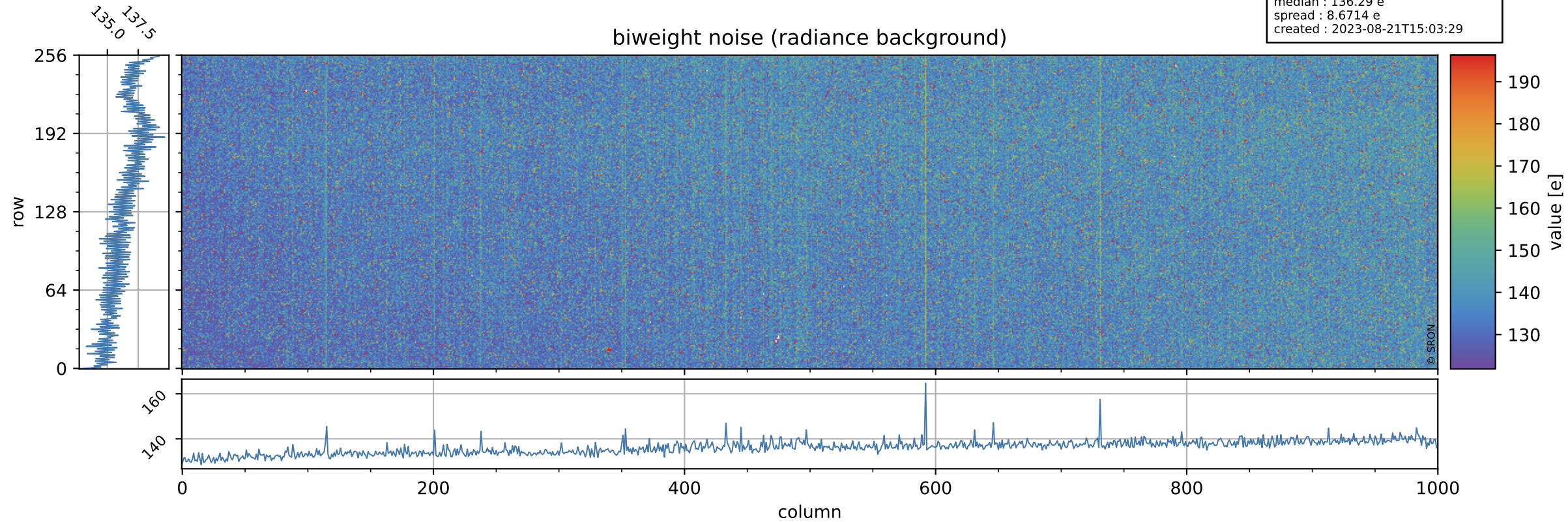
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
n\_coad, t\_exp : 2, 0.5383  
median : 136.29 e  
spread : 8.6714 e  
created : 2023-08-21T15:03:29

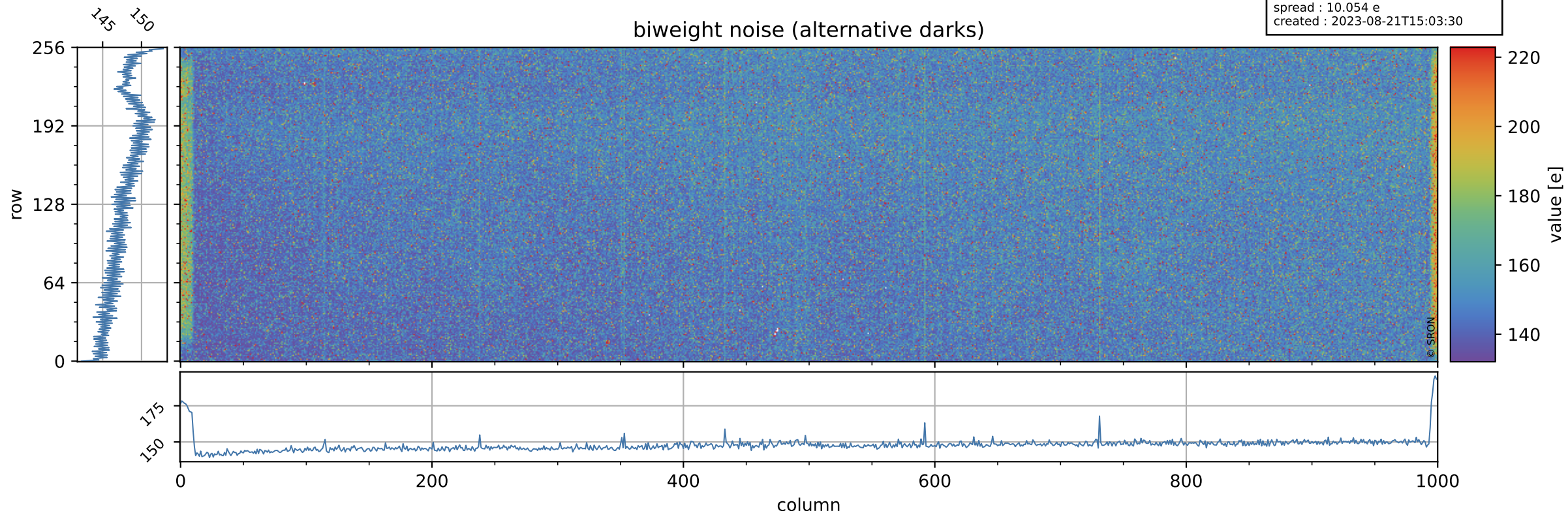
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
n\_coad, t\_exp : 1, 1.0783  
median : 147.59 e  
spread : 10.054 e  
created : 2023-08-21T15:03:30

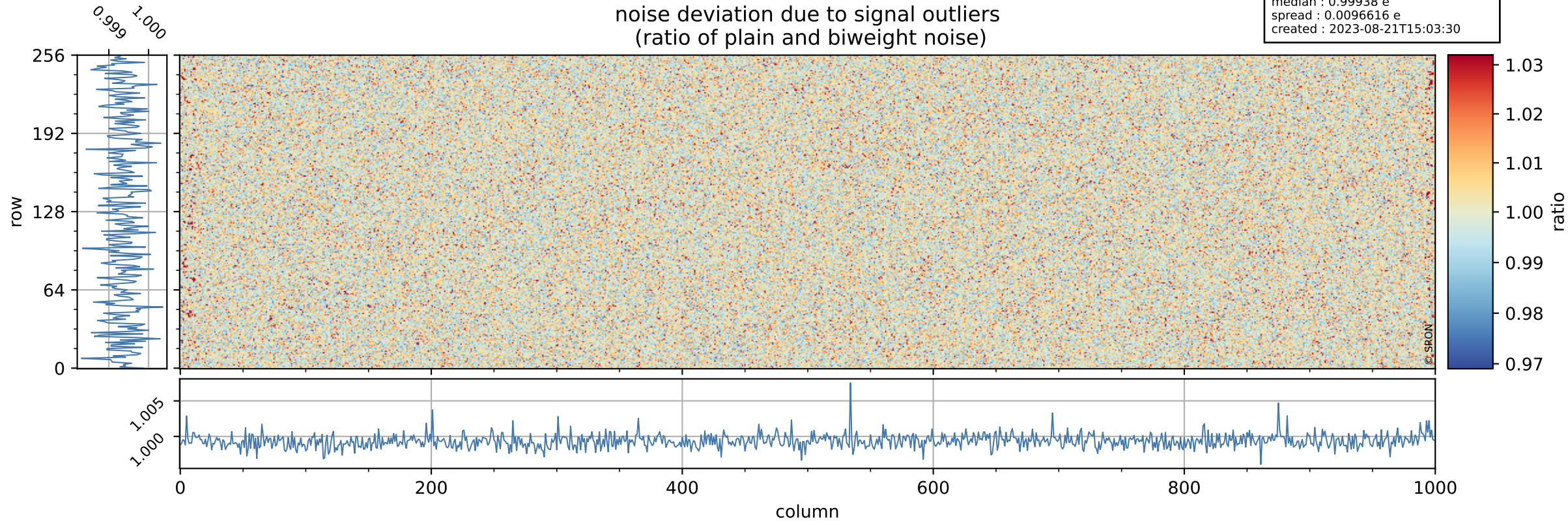
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

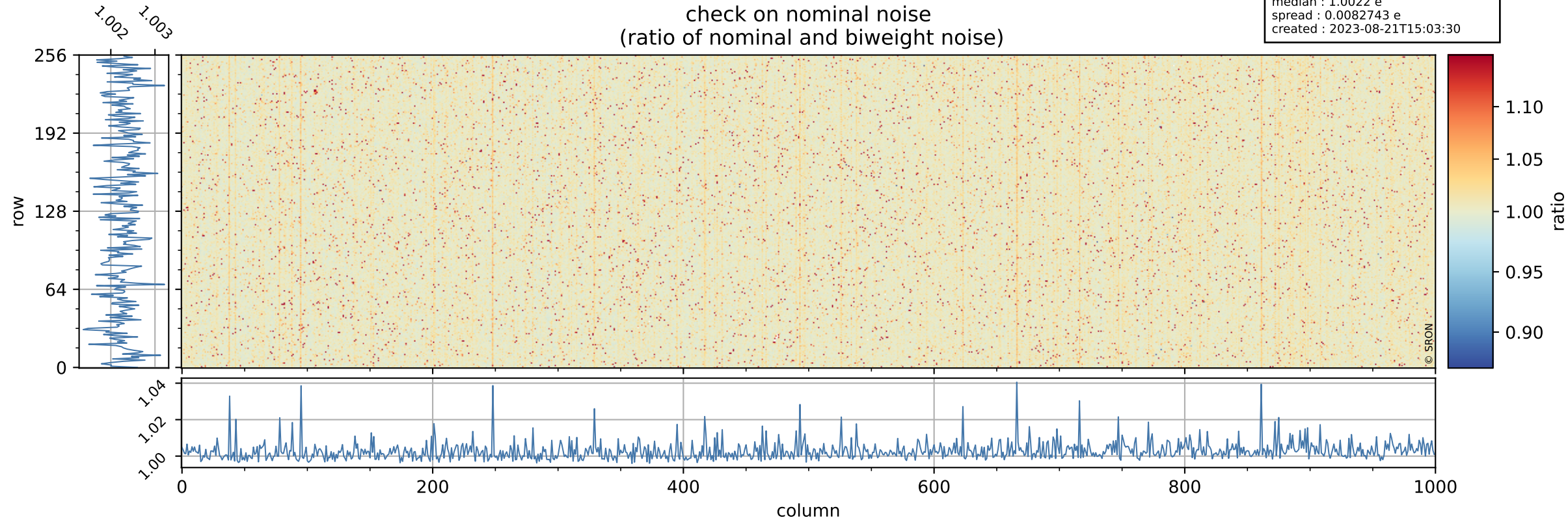
orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
median : 0.99938 e  
spread : 0.0096616 e  
created : 2023-08-21T15:03:30



# Tropomi SWIR background noise (swir)

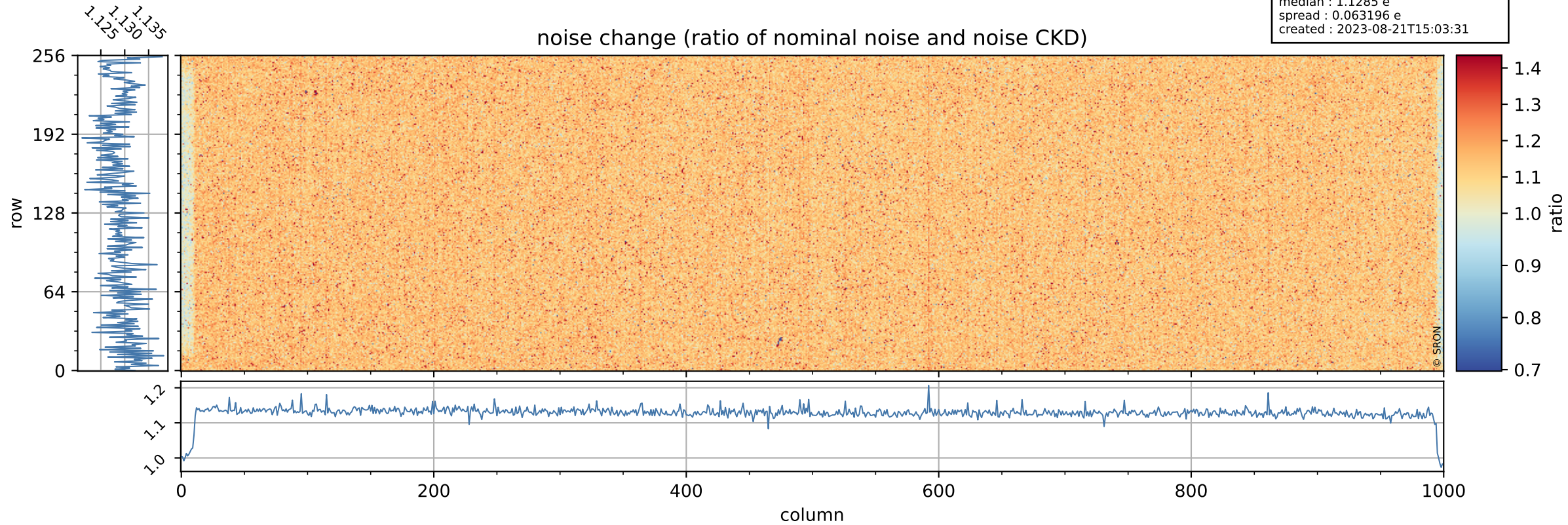
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
median : 1.0022 e  
spread : 0.0082743 e  
created : 2023-08-21T15:03:30



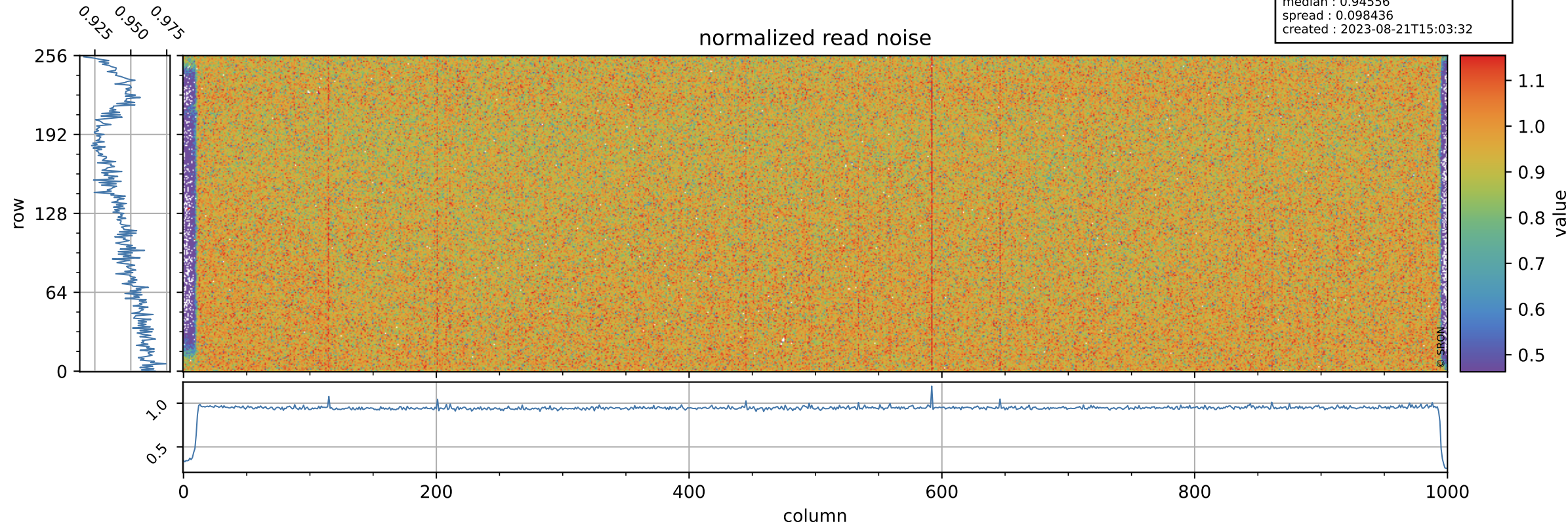
# Tropomi SWIR background noise (swir)

orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
median : 1.1285 e  
spread : 0.063196 e  
created : 2023-08-21T15:03:31



# Tropomi SWIR background noise (swir)

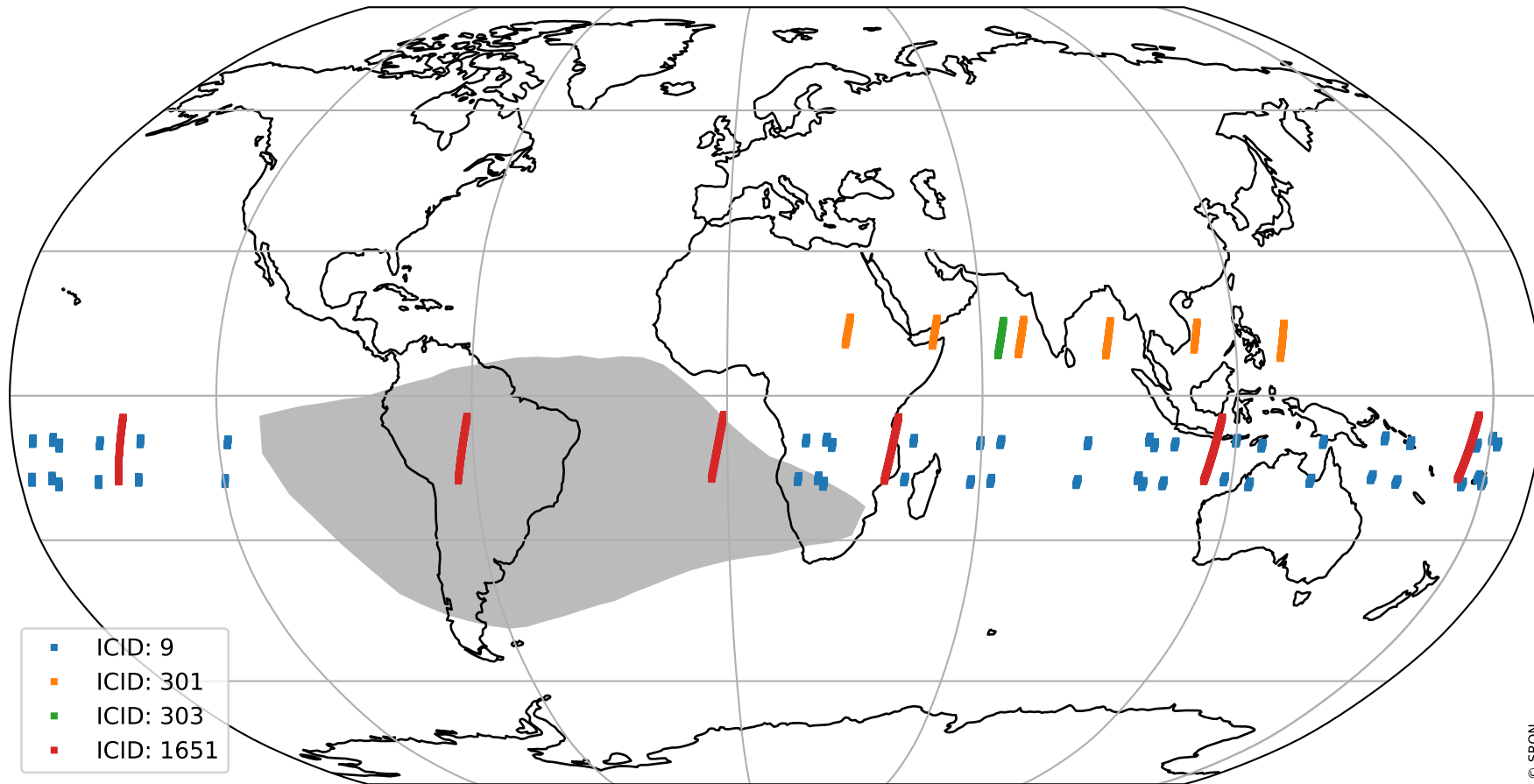
orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
median : 0.94556  
spread : 0.098436  
created : 2023-08-21T15:03:32





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

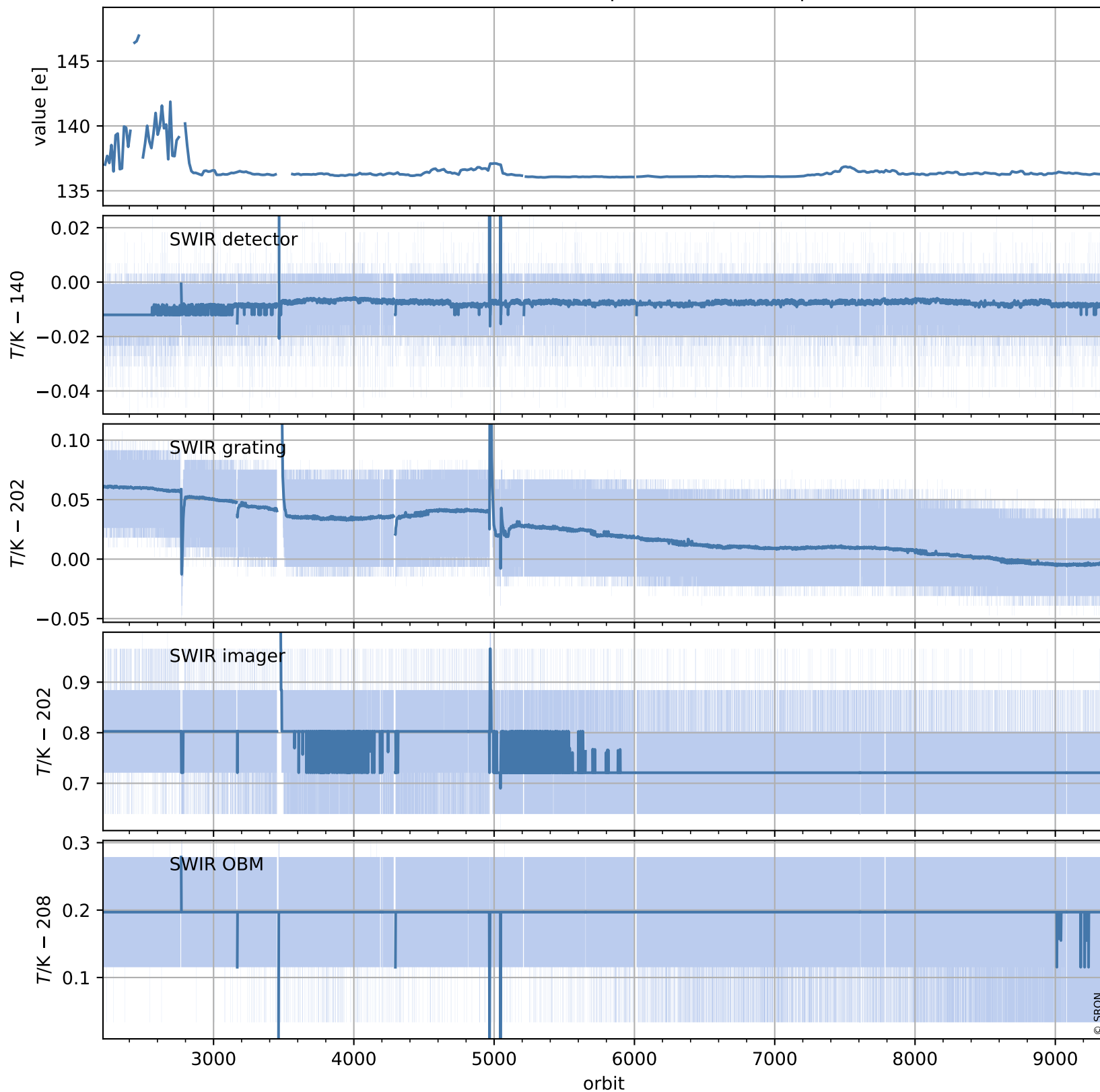
orbits : 13 in [9262, 9352]  
coverage : 2019-07-28 / 2019-08-03  
created : 2023-08-21T15:03:32



# Tropomi SWIR background noise (swir)

orbits : [2212, 9352]  
coverage : 2018-03-18 / 2019-08-03  
created : 2023-08-21T15:03:32

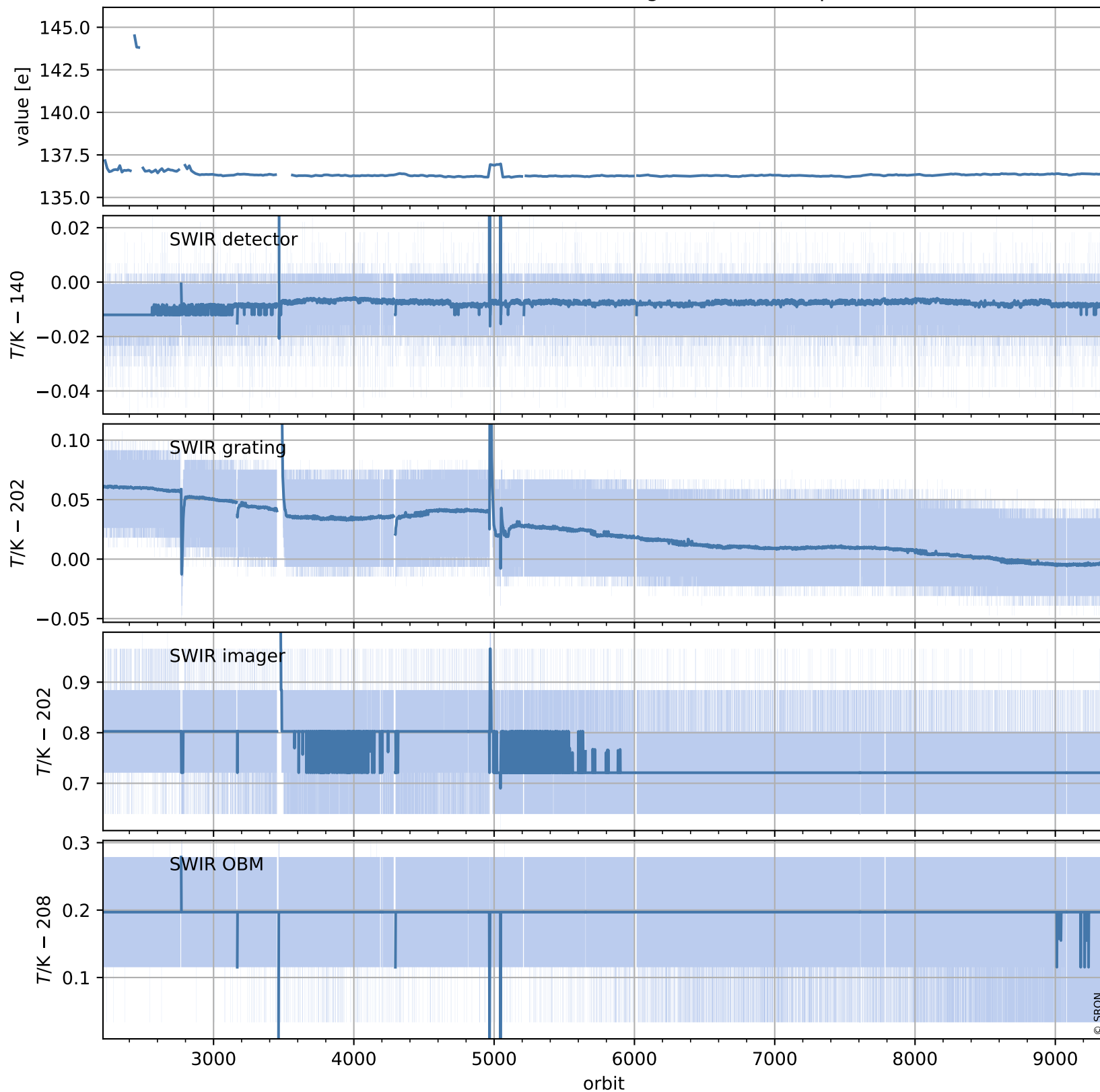
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9352]  
coverage : 2018-03-18 / 2019-08-03  
created : 2023-08-21T15:03:33

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9352]  
coverage : 2018-03-18 / 2019-08-03  
created : 2023-08-21T15:03:34

## trend of normalized read-noise & temperatures

