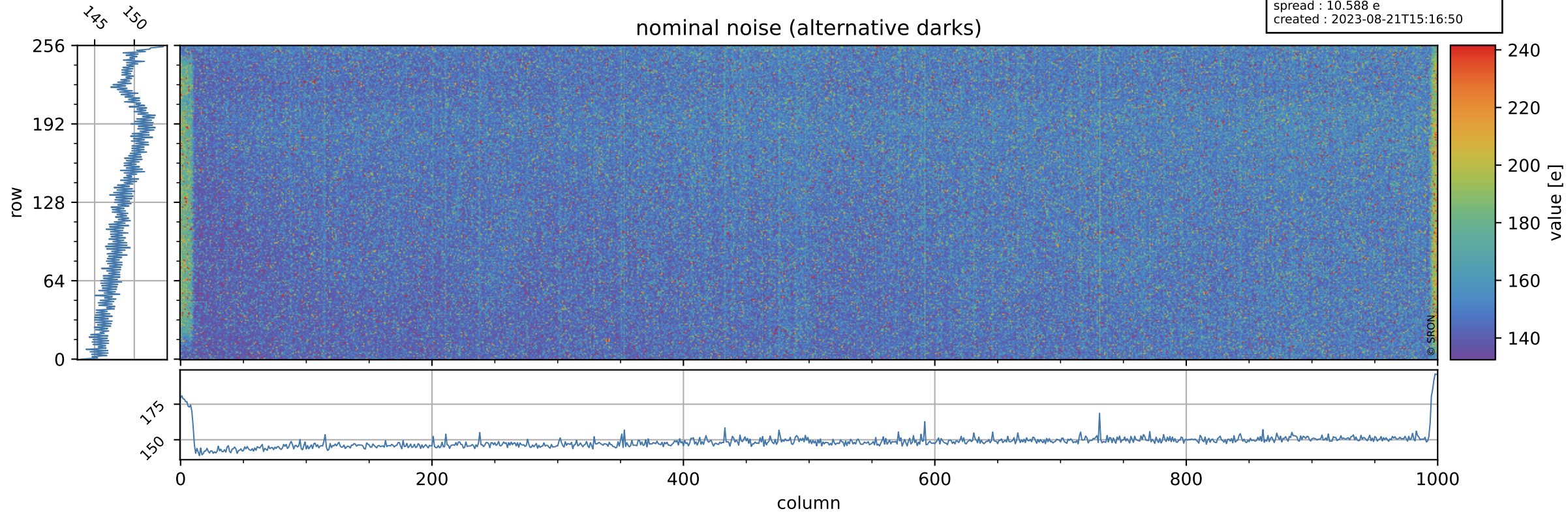


# Tropomi SWIR background noise (swir)

orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.48 e  
spread : 10.588 e  
created : 2023-08-21T15:16:50

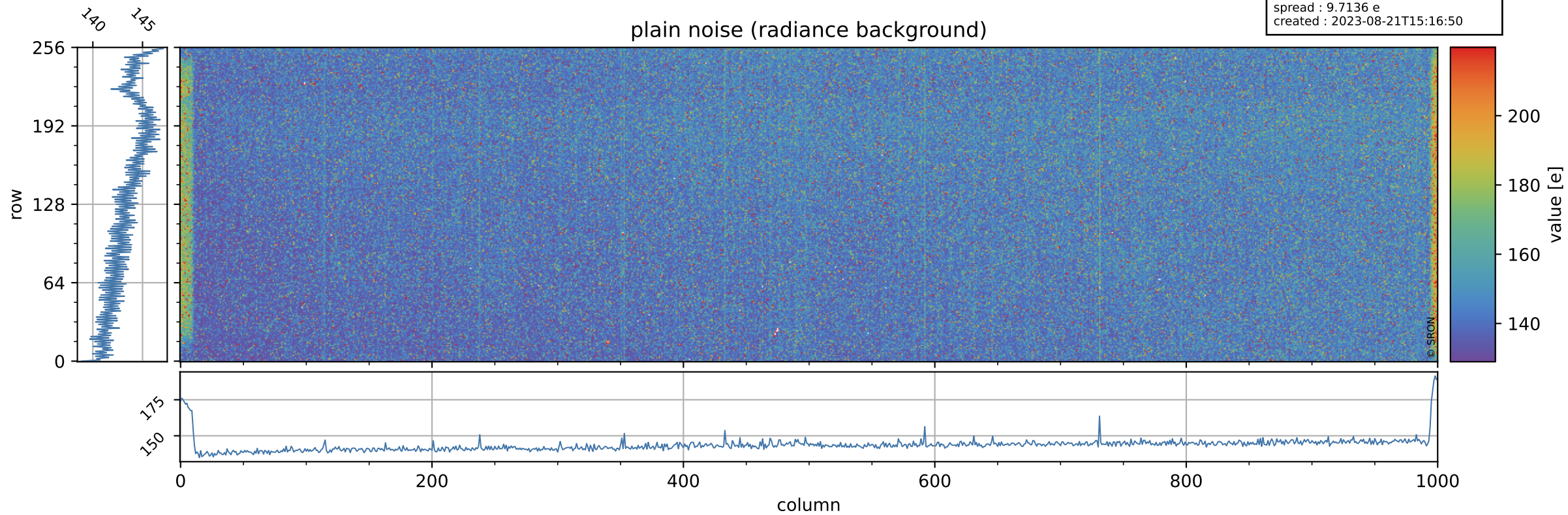
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7136 e  
created : 2023-08-21T15:16:50

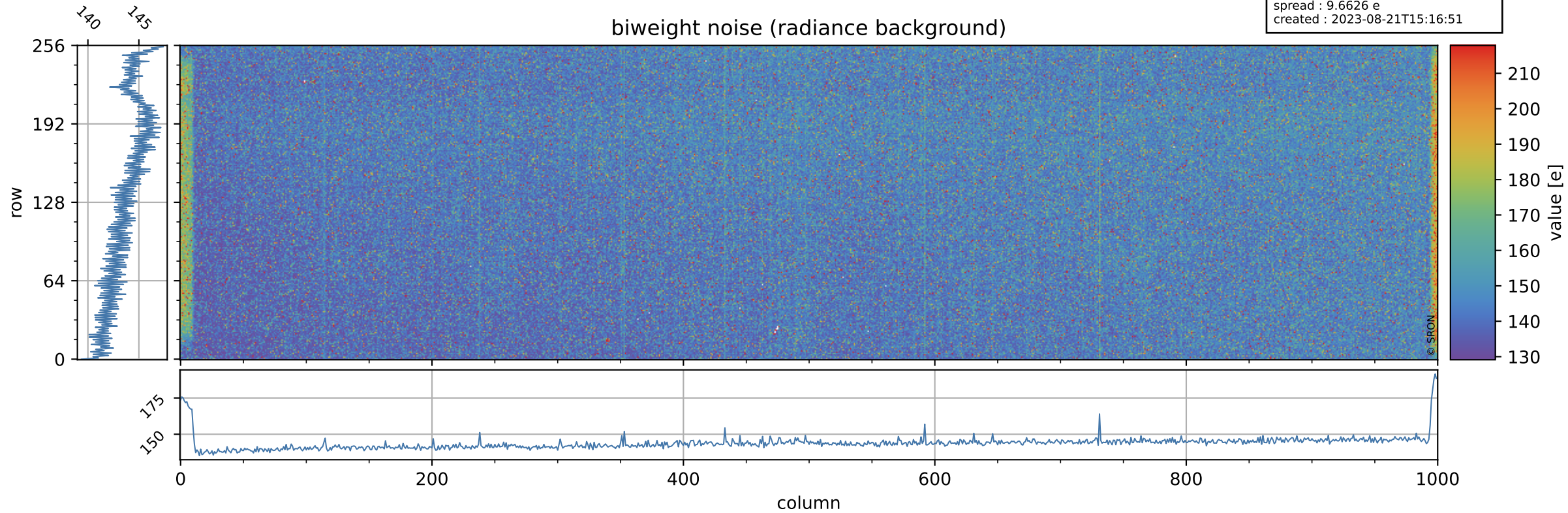
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.6626 e  
created : 2023-08-21T15:16:51

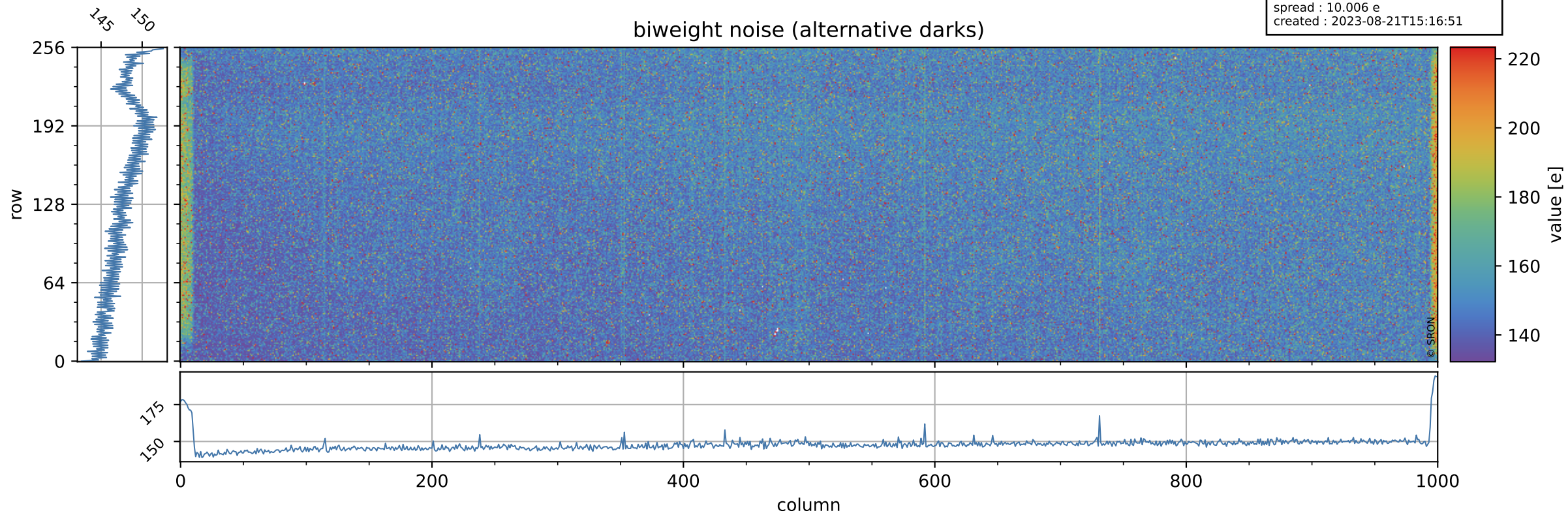
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 10.006 e  
created : 2023-08-21T15:16:51

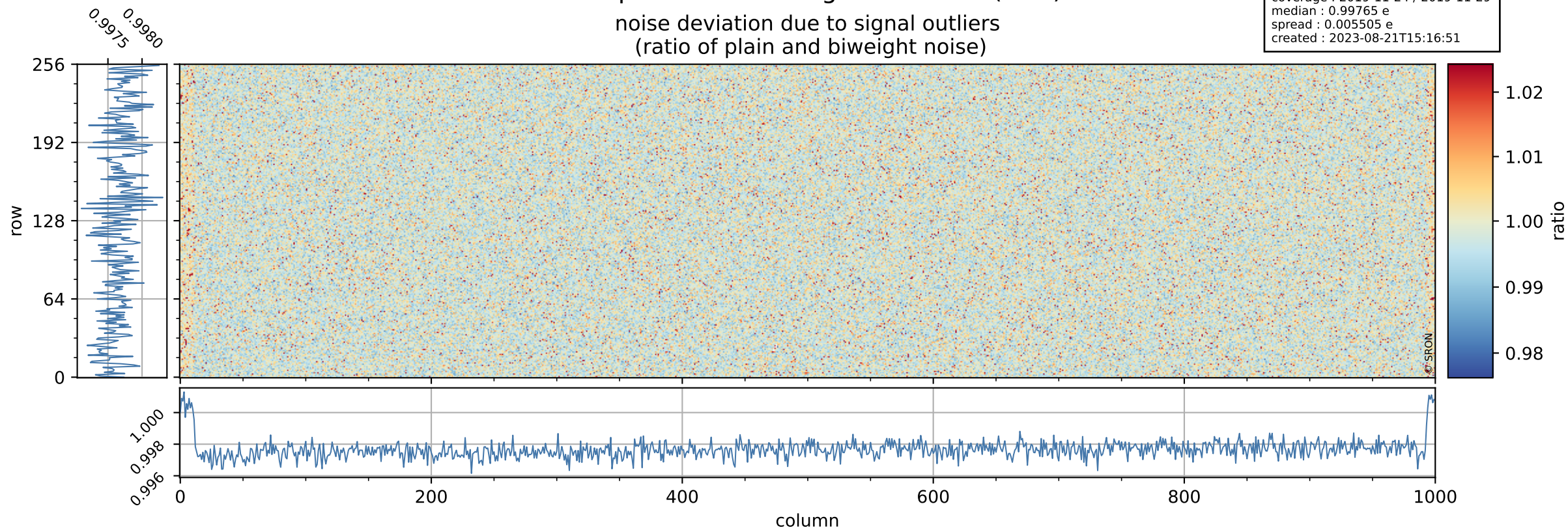
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

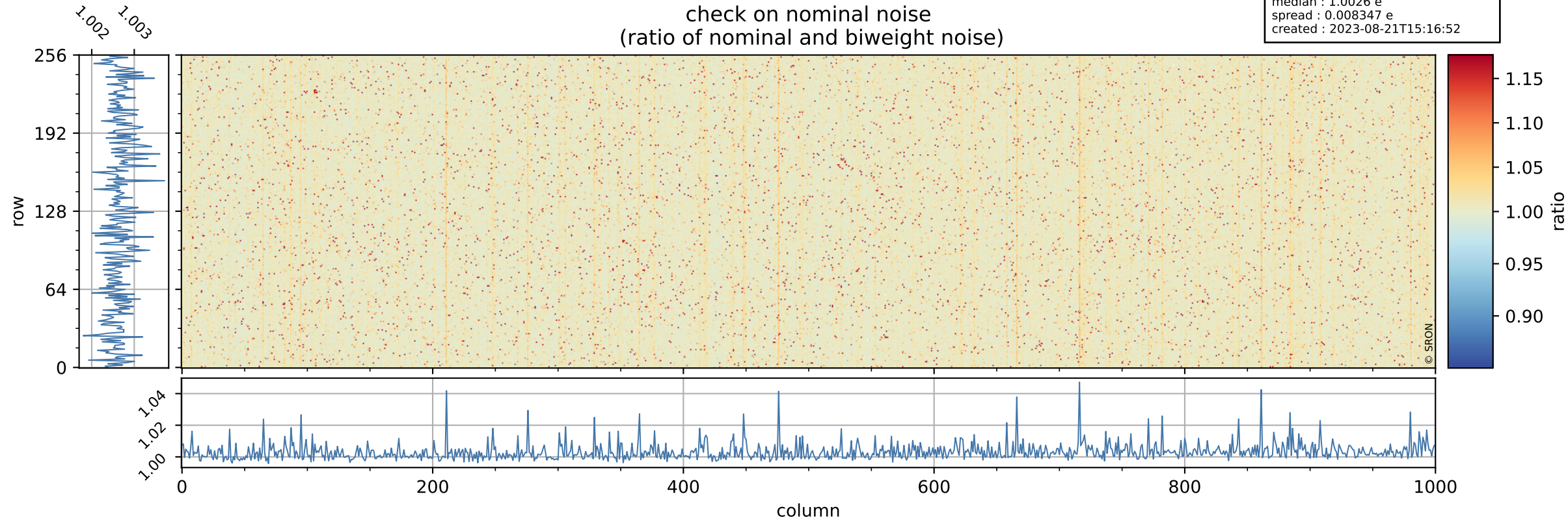
orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
median : 0.99765 e  
spread : 0.005505 e  
created : 2023-08-21T15:16:51



# Tropomi SWIR background noise (swir)

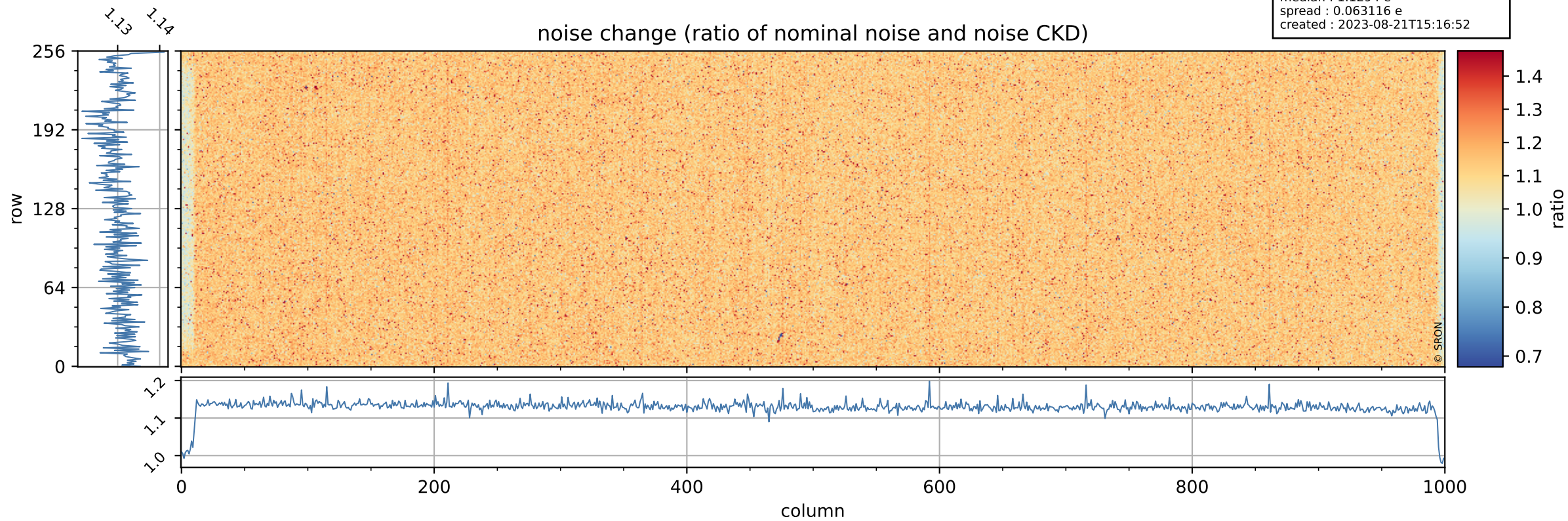
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
median : 1.0026 e  
spread : 0.008347 e  
created : 2023-08-21T15:16:52



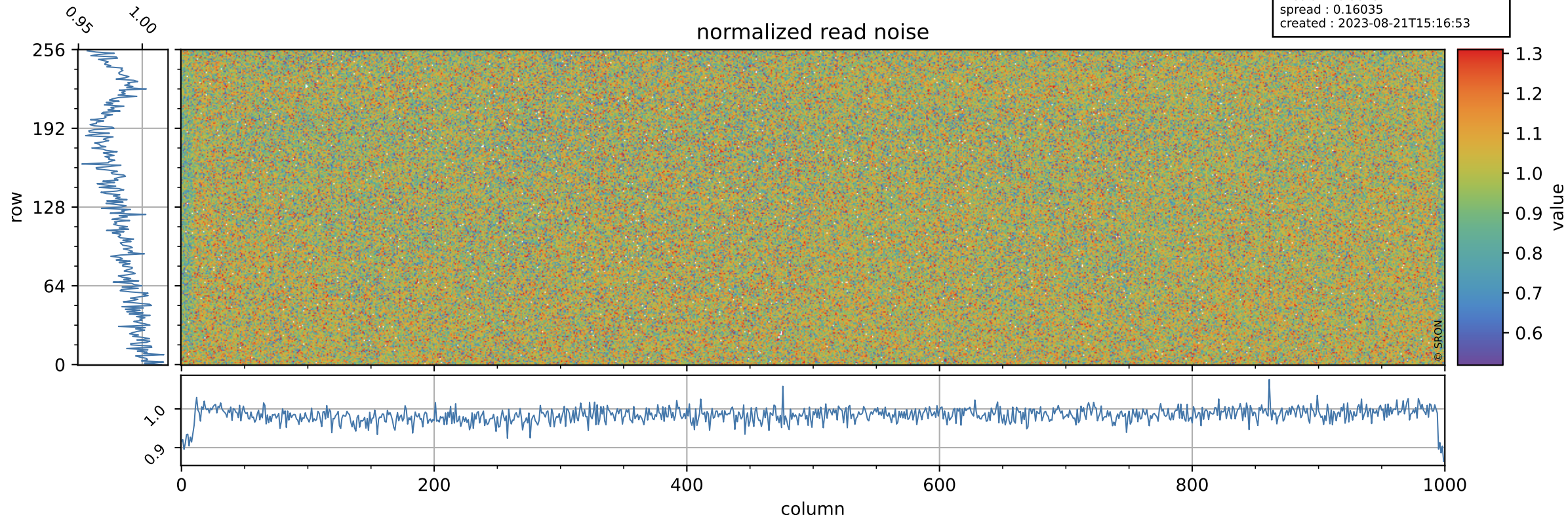
# Tropomi SWIR background noise (swir)

orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
median : 1.1294 e  
spread : 0.063116 e  
created : 2023-08-21T15:16:52



# Tropomi SWIR background noise (swir)

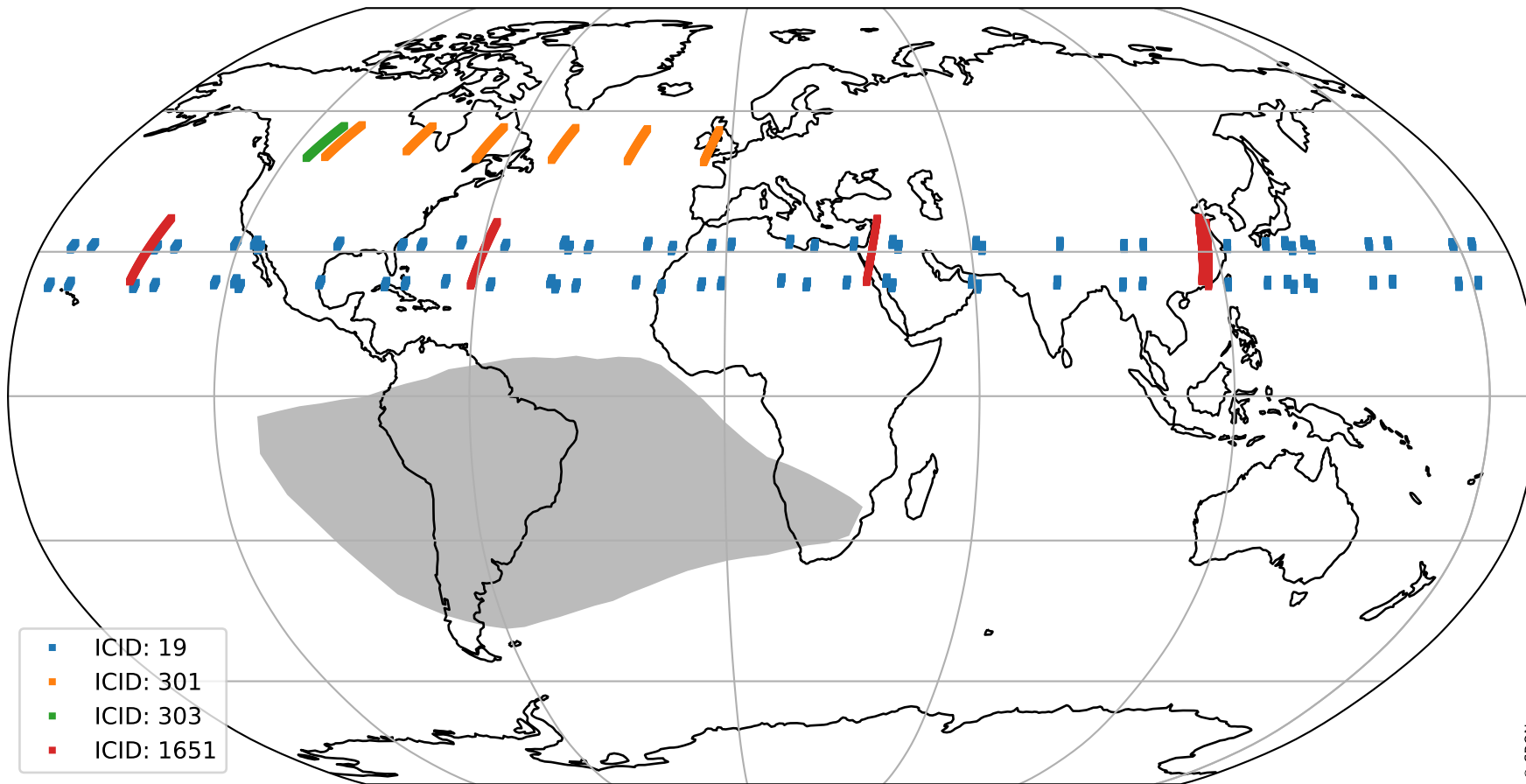
orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
median : 0.98237  
spread : 0.16035  
created : 2023-08-21T15:16:53





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

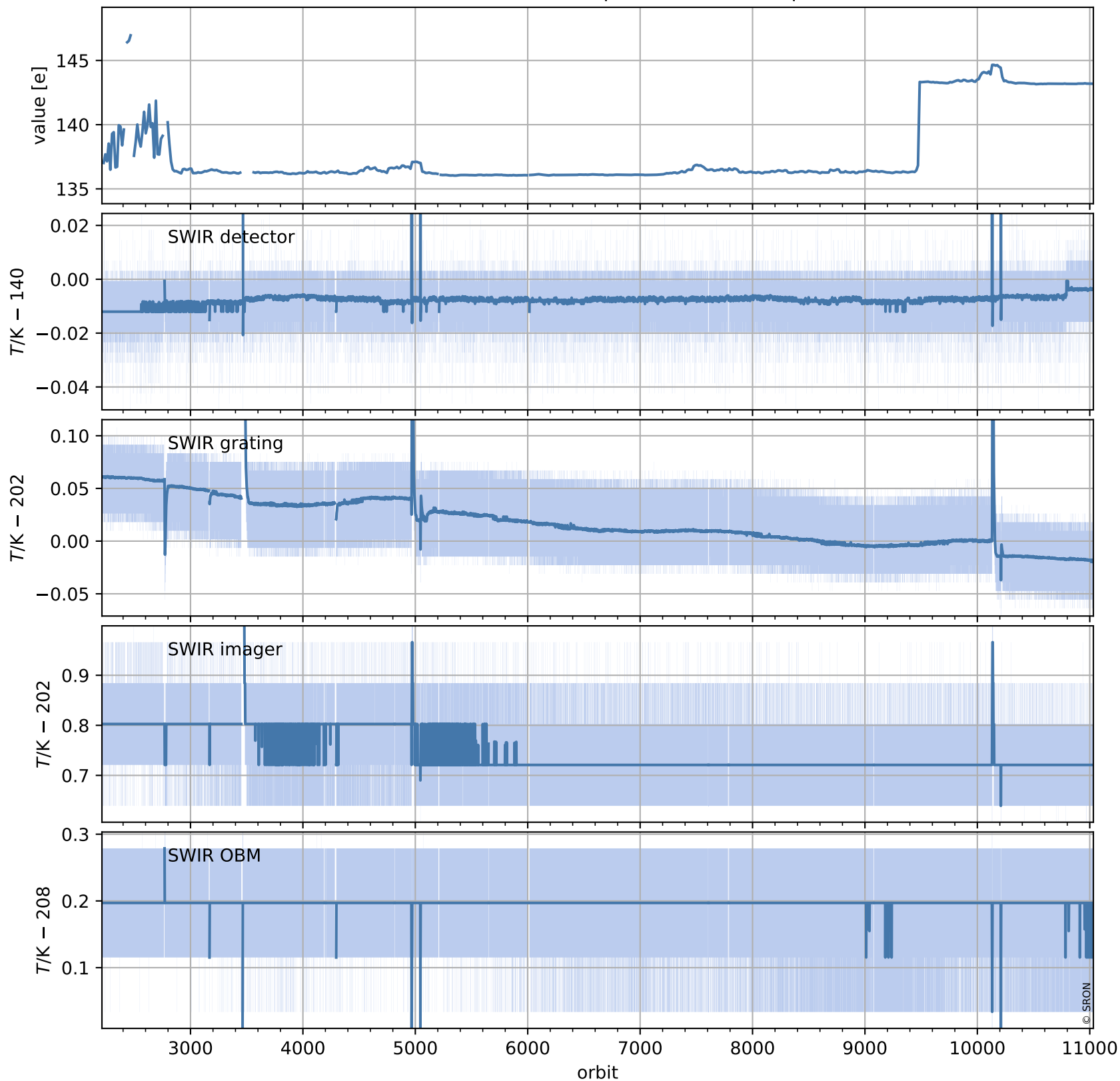
orbits : 12 in [10942, 11032]  
coverage : 2019-11-24 / 2019-11-29  
created : 2023-08-21T15:16:53



# Tropomi SWIR background noise (swir)

orbits : [2212, 11032]  
coverage : 2018-03-18 / 2019-11-29  
created : 2023-08-21T15:16:54

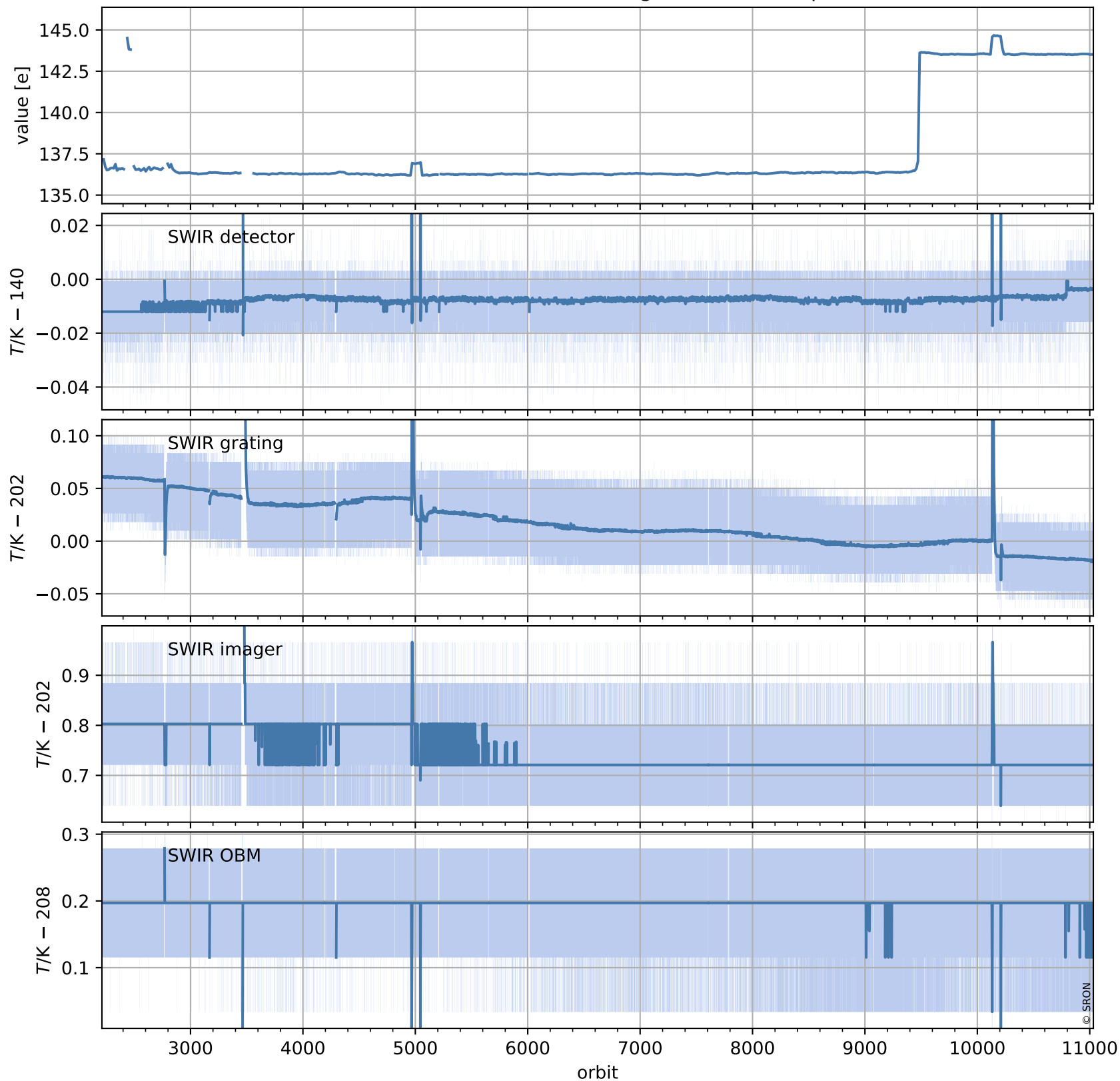
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11032]  
coverage : 2018-03-18 / 2019-11-29  
created : 2023-08-21T15:16:55

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11032]  
coverage : 2018-03-18 / 2019-11-29  
created : 2023-08-21T15:16:55

## trend of normalized read-noise & temperatures

