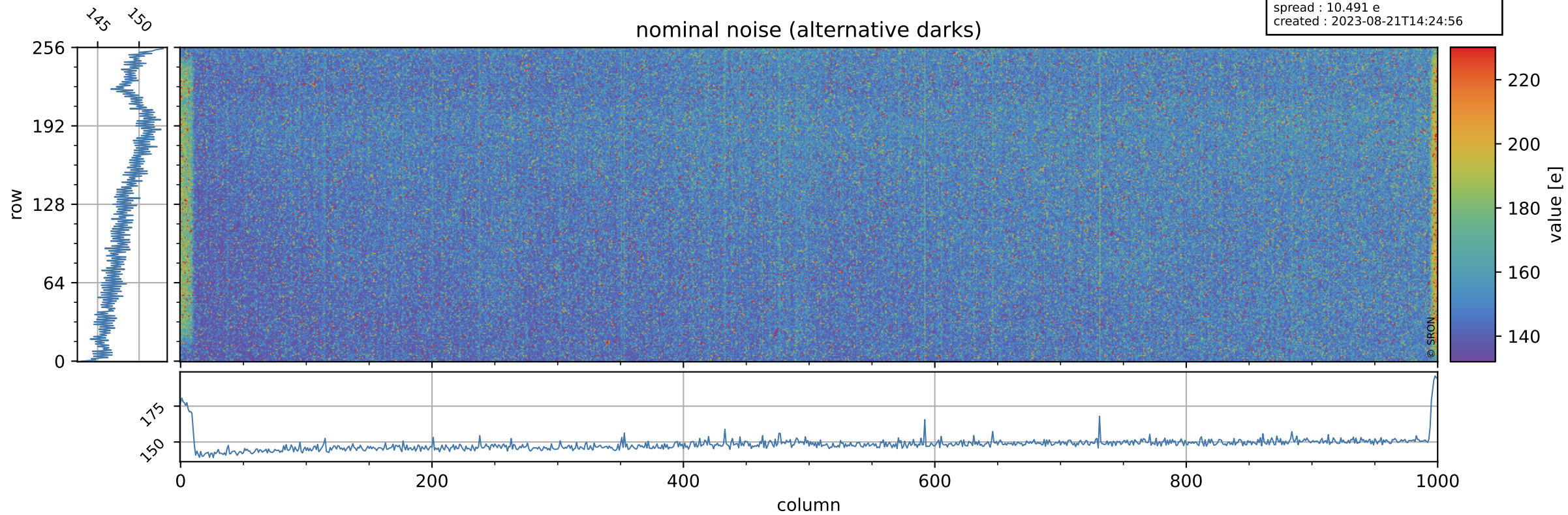


# Tropomi SWIR background noise (swir)

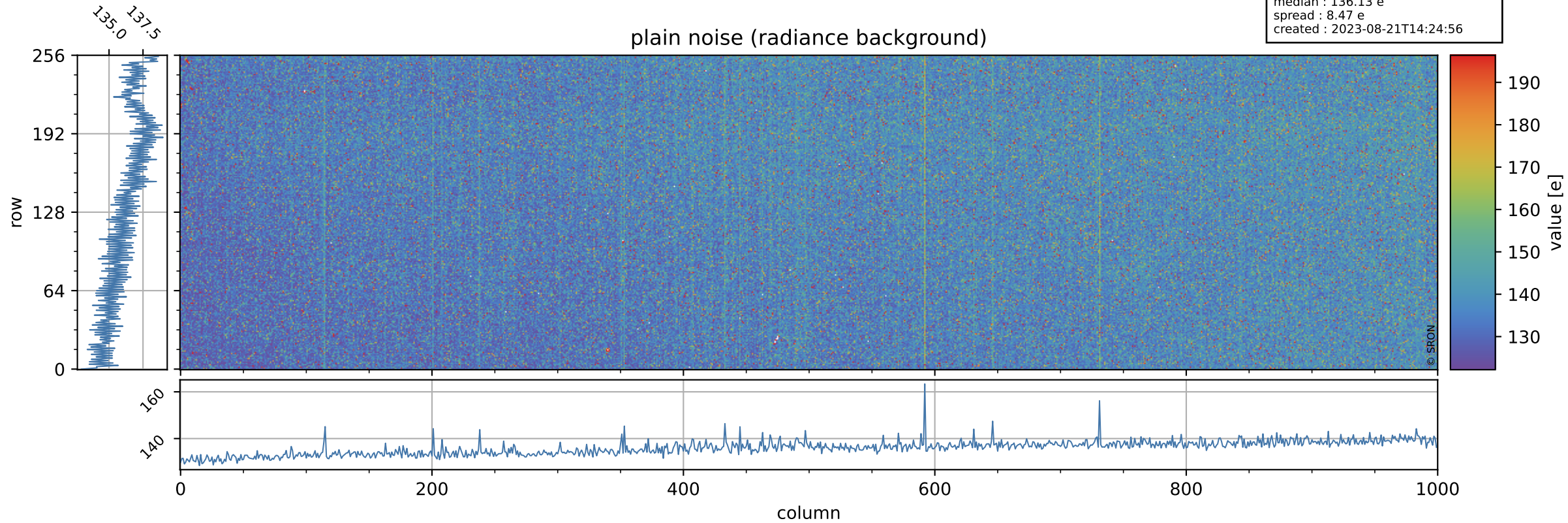
orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.28 e  
spread : 10.491 e  
created : 2023-08-21T14:24:56



# Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.13 e  
spread : 8.47 e  
created : 2023-08-21T14:24:56

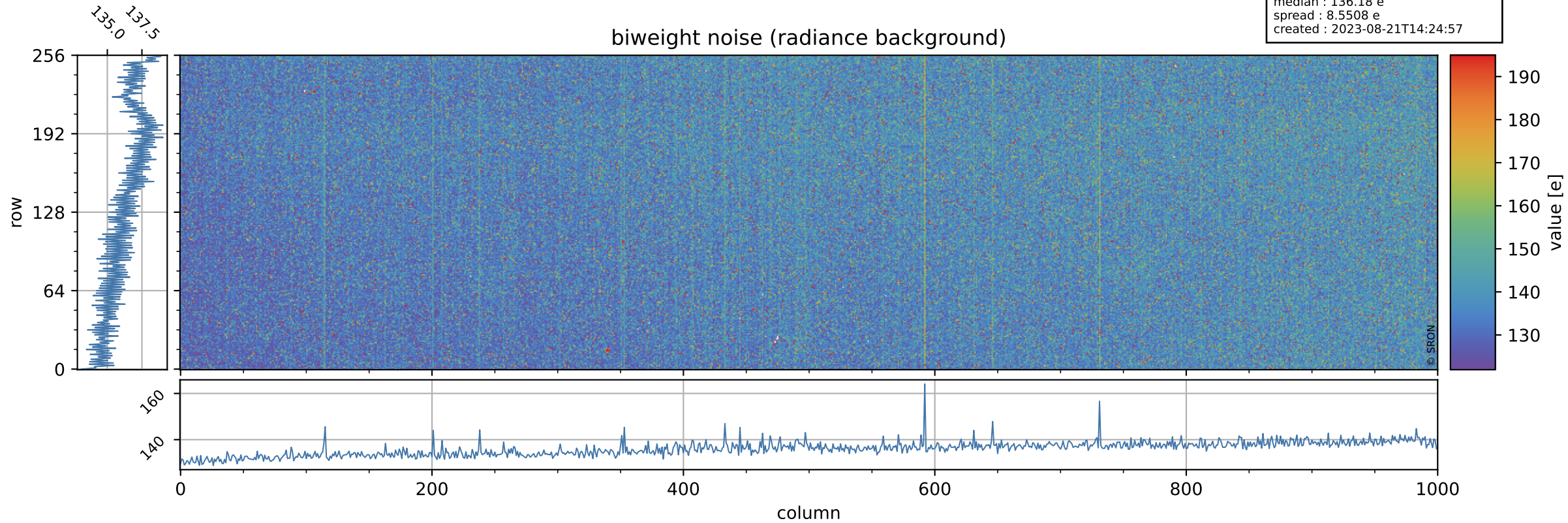
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.5508 e  
created : 2023-08-21T14:24:57

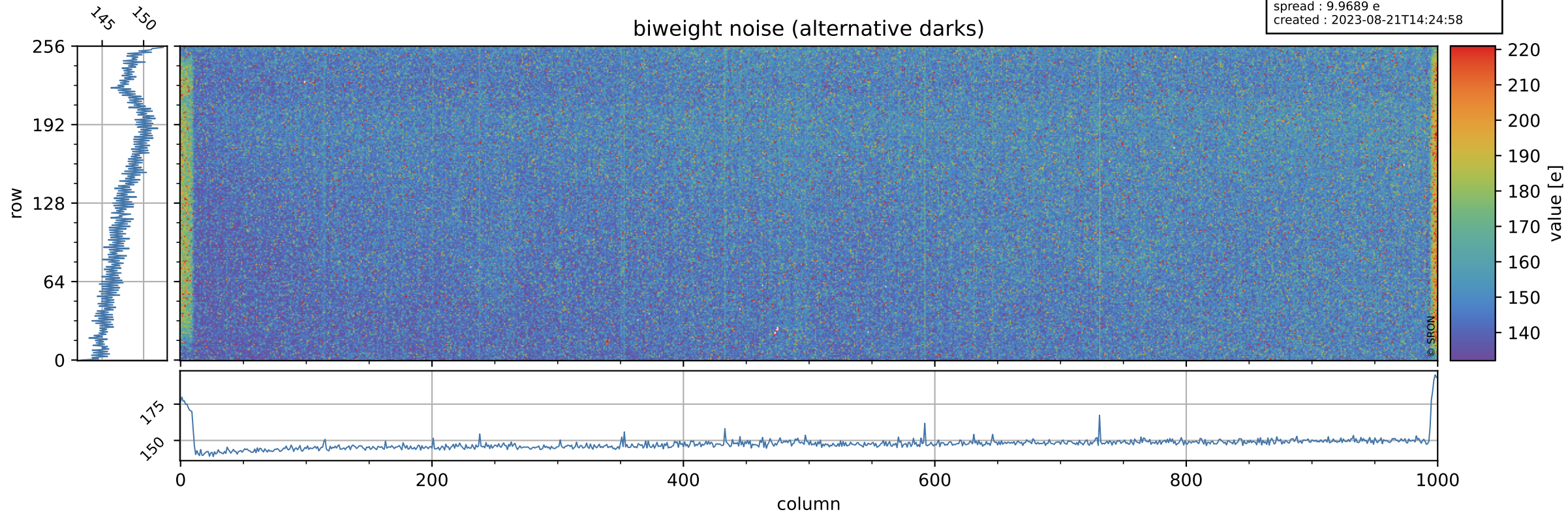
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.55 e  
spread : 9.9689 e  
created : 2023-08-21T14:24:58

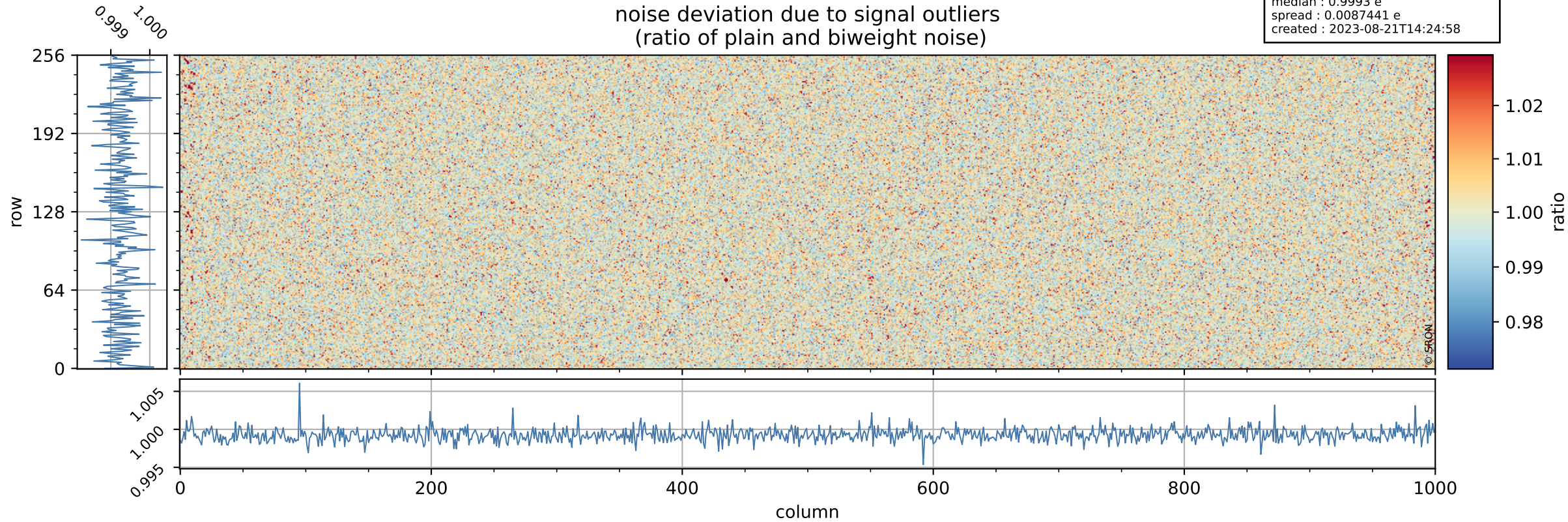
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

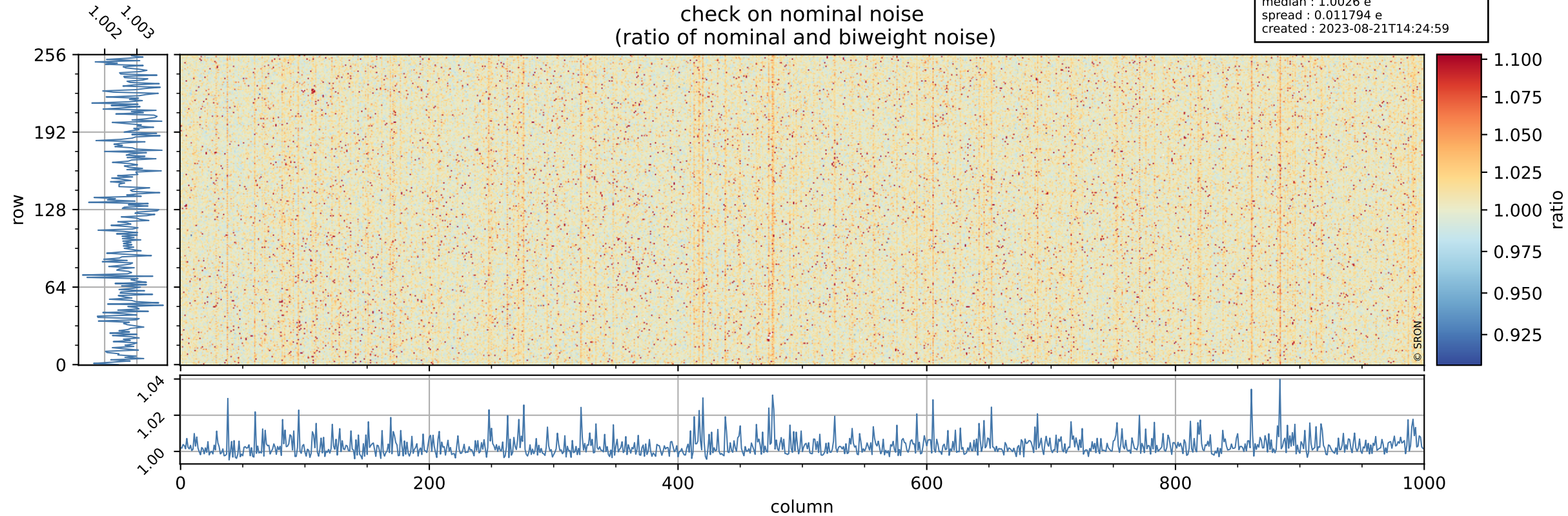
orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
median : 0.9993 e  
spread : 0.0087441 e  
created : 2023-08-21T14:24:58



# Tropomi SWIR background noise (swir)

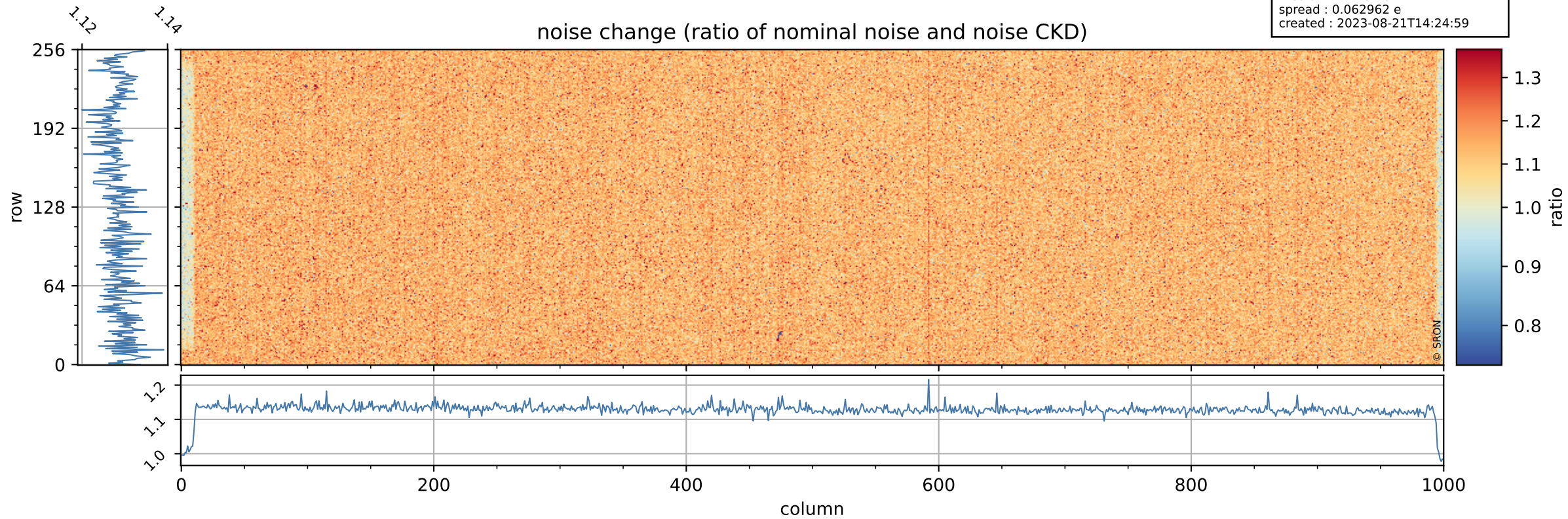
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
median : 1.0026 e  
spread : 0.011794 e  
created : 2023-08-21T14:24:59



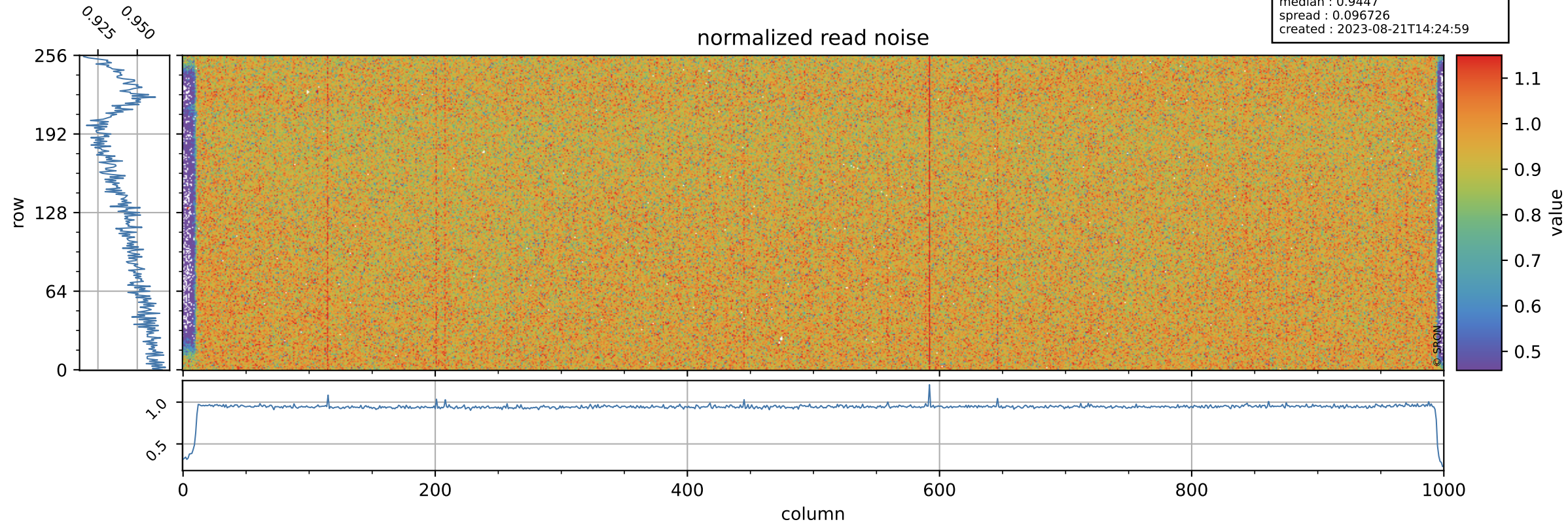
# Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
median : 1.1281 e  
spread : 0.062962 e  
created : 2023-08-21T14:24:59



# Tropomi SWIR background noise (swir)

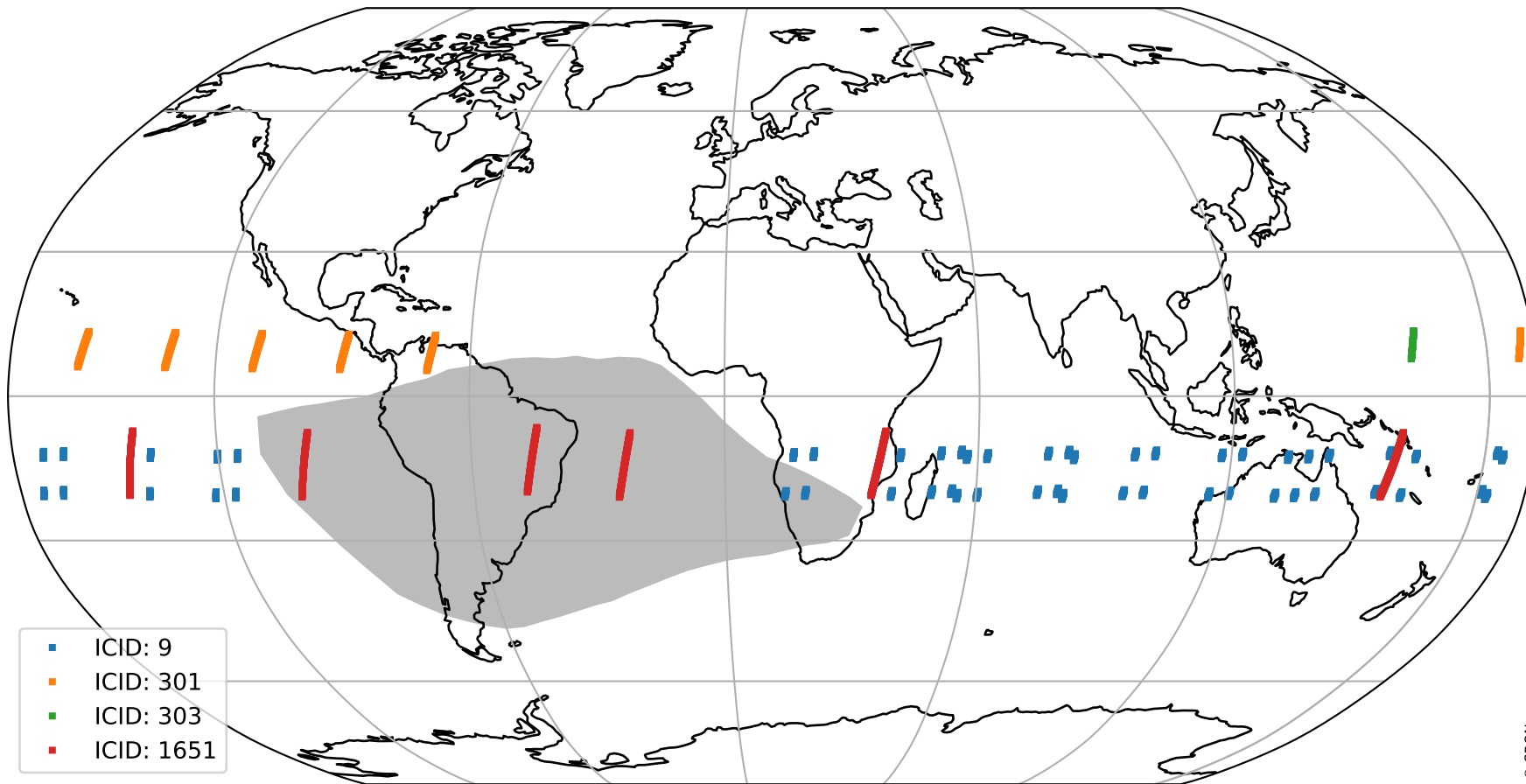
orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
median : 0.9447  
spread : 0.096726  
created : 2023-08-21T14:24:59





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

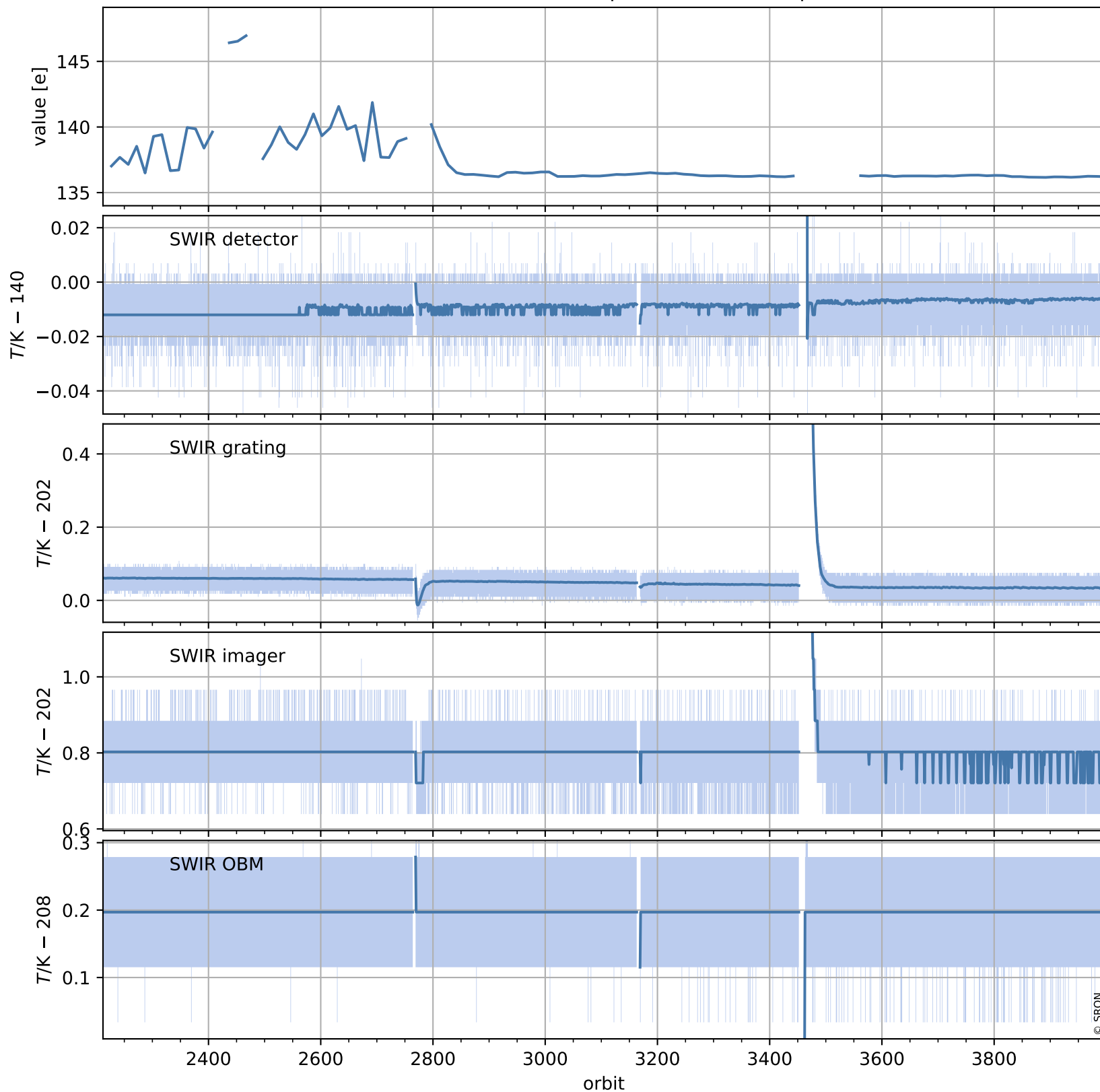
orbits : 13 in [3907, 3997]  
coverage : 2018-07-16 / 2018-07-22  
created : 2023-08-21T14:25:00



# Tropomi SWIR background noise (swir)

orbits : [2212, 3997]  
coverage : 2018-03-18 / 2018-07-22  
created : 2023-08-21T14:25:00

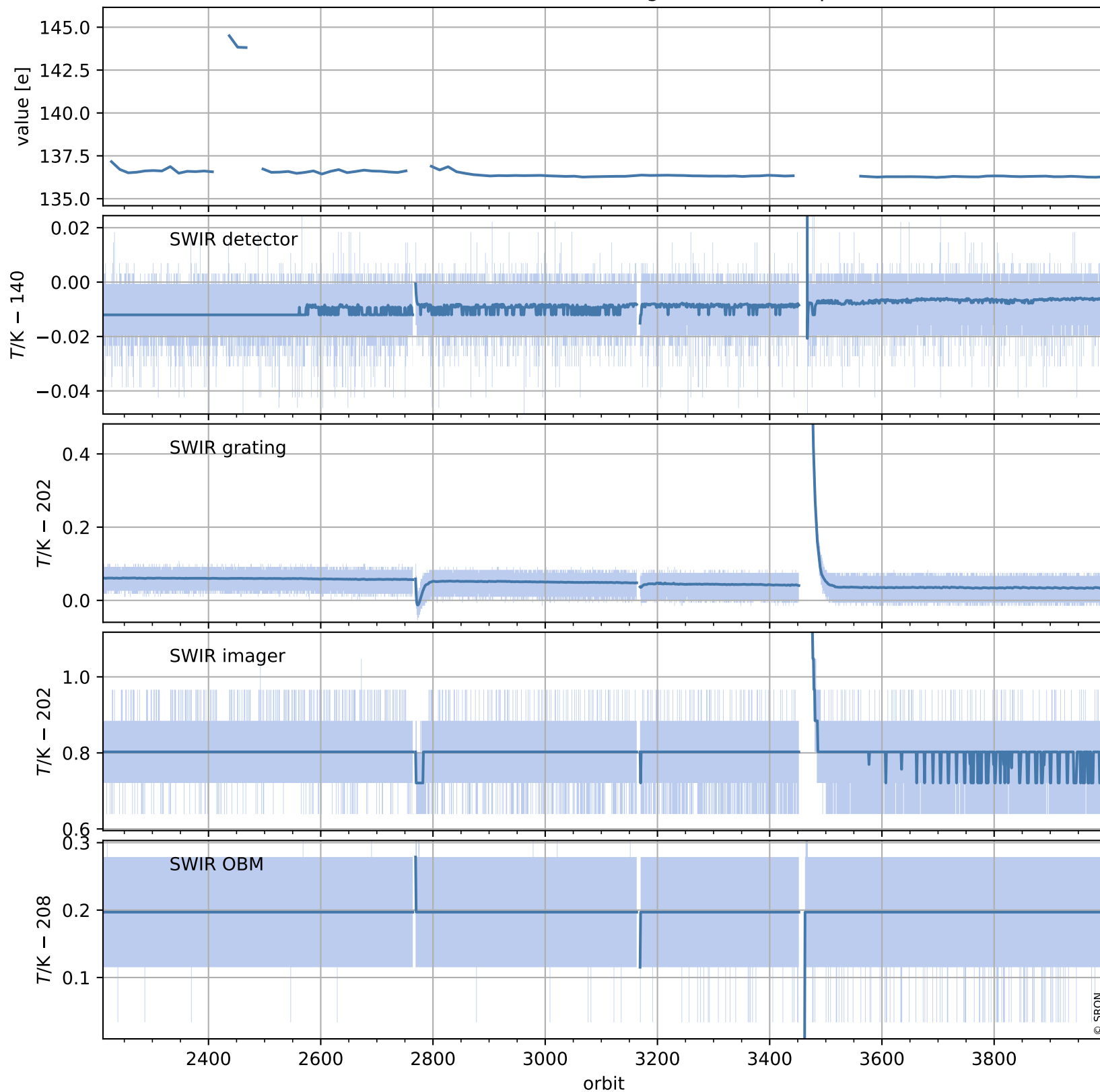
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3997]  
coverage : 2018-03-18 / 2018-07-22  
created : 2023-08-21T14:25:01

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3997]  
coverage : 2018-03-18 / 2018-07-22  
created : 2023-08-21T14:25:02

## trend of normalized read-noise & temperatures

