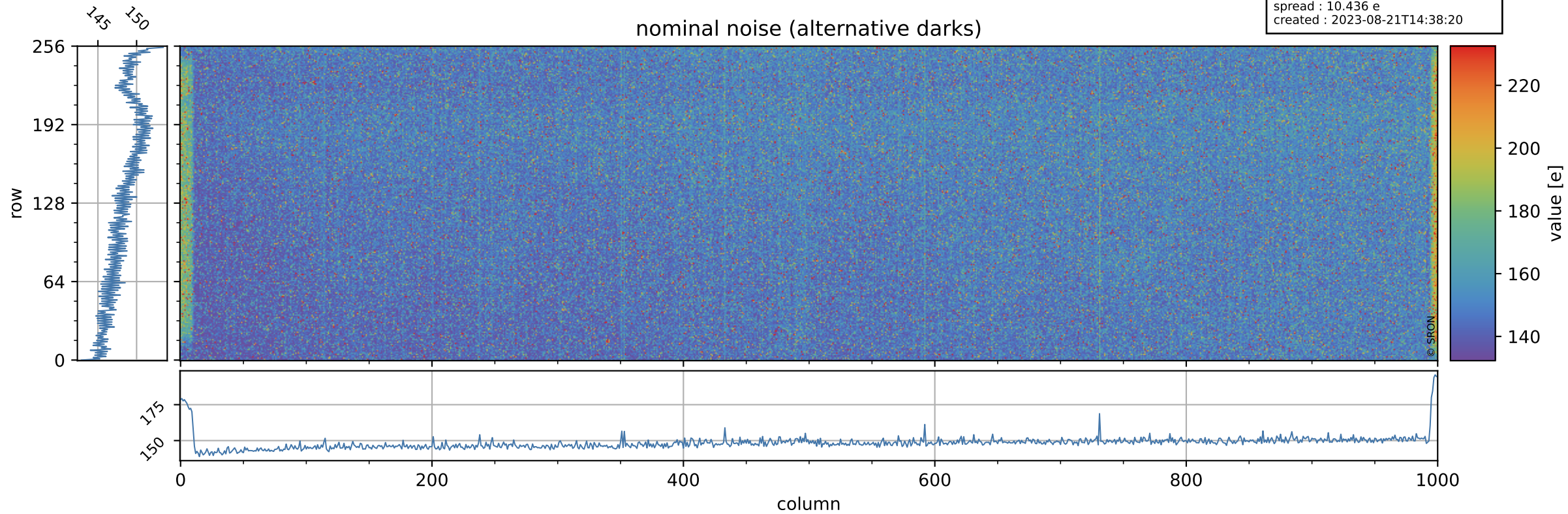


# Tropomi SWIR background noise (swir)

orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.25 e  
spread : 10.436 e  
created : 2023-08-21T14:38:20

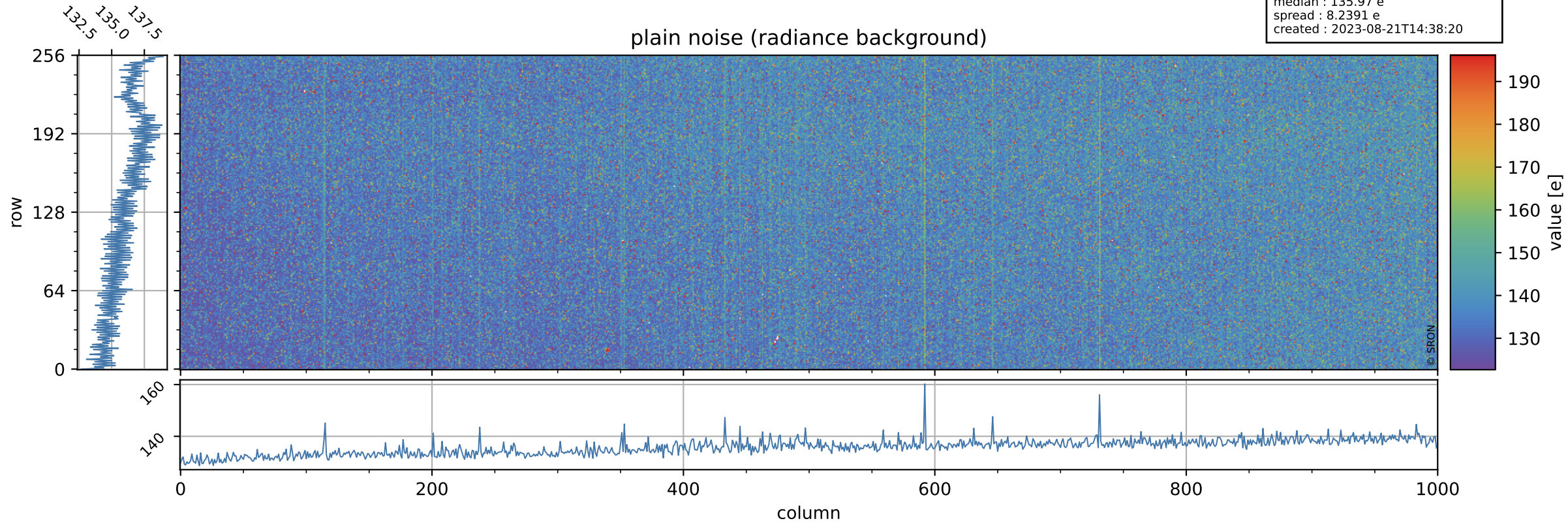
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
n\_coad, t\_exp : 2, 0.5383  
median : 135.97 e  
spread : 8.2391 e  
created : 2023-08-21T14:38:20

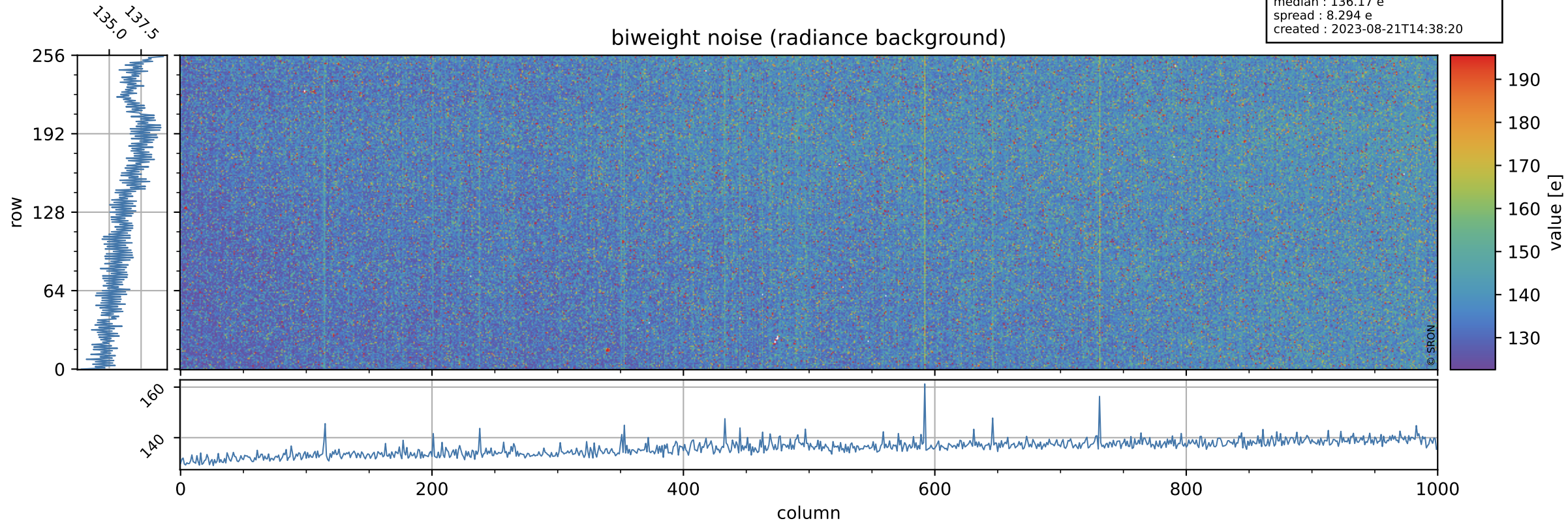
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.294 e  
created : 2023-08-21T14:38:20

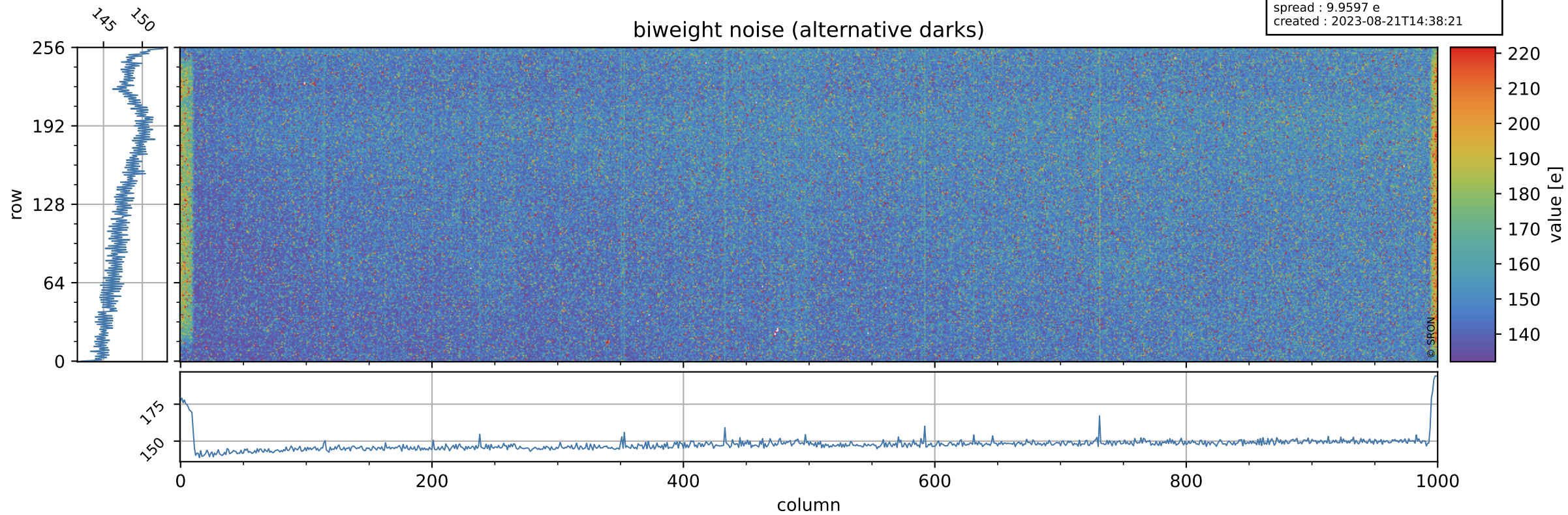
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.55 e  
spread : 9.9597 e  
created : 2023-08-21T14:38:21

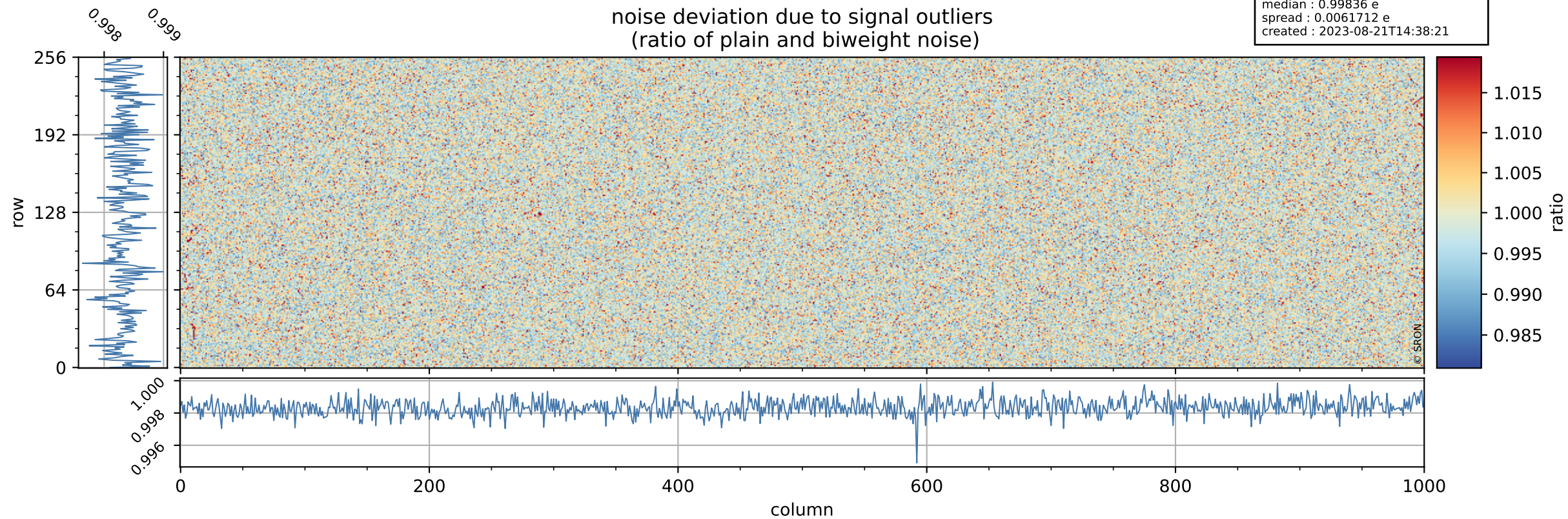
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

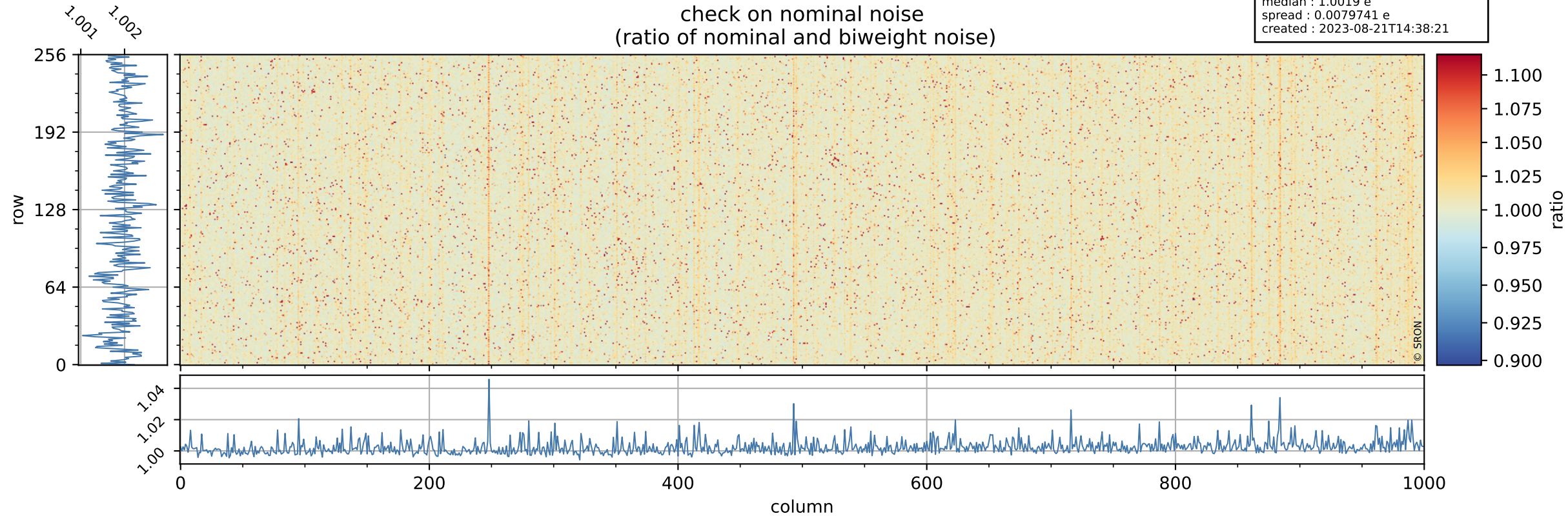
orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
median : 0.99836 e  
spread : 0.0061712 e  
created : 2023-08-21T14:38:21



# Tropomi SWIR background noise (swir)

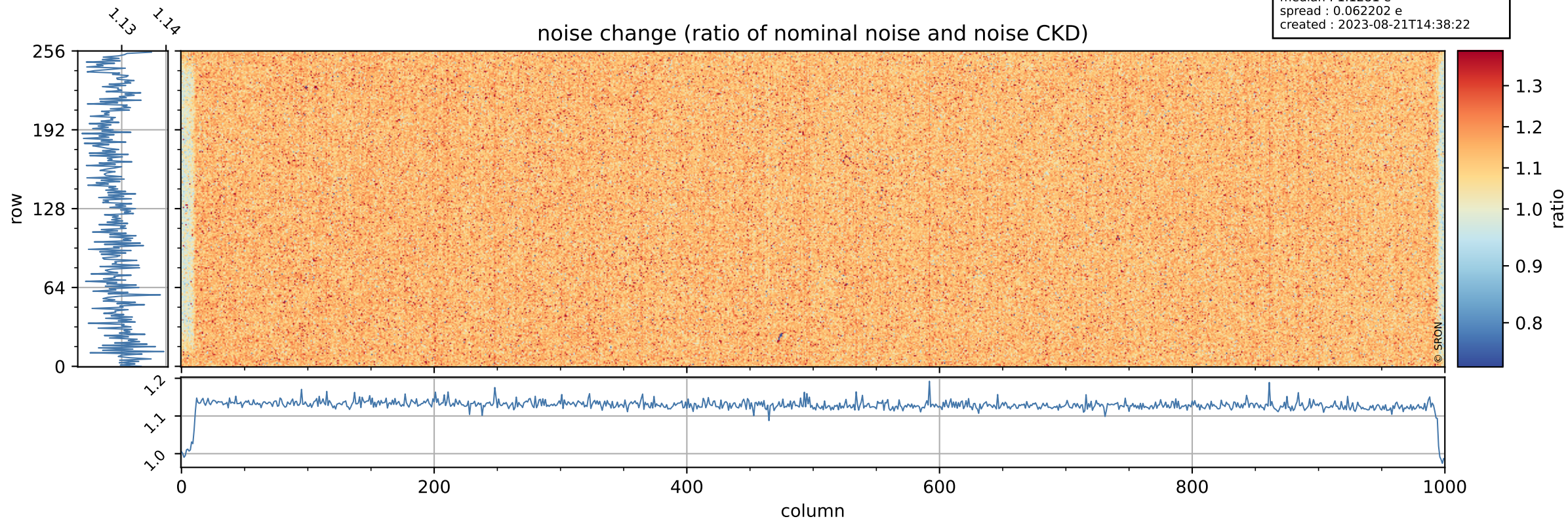
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
median : 1.0019 e  
spread : 0.0079741 e  
created : 2023-08-21T14:38:21



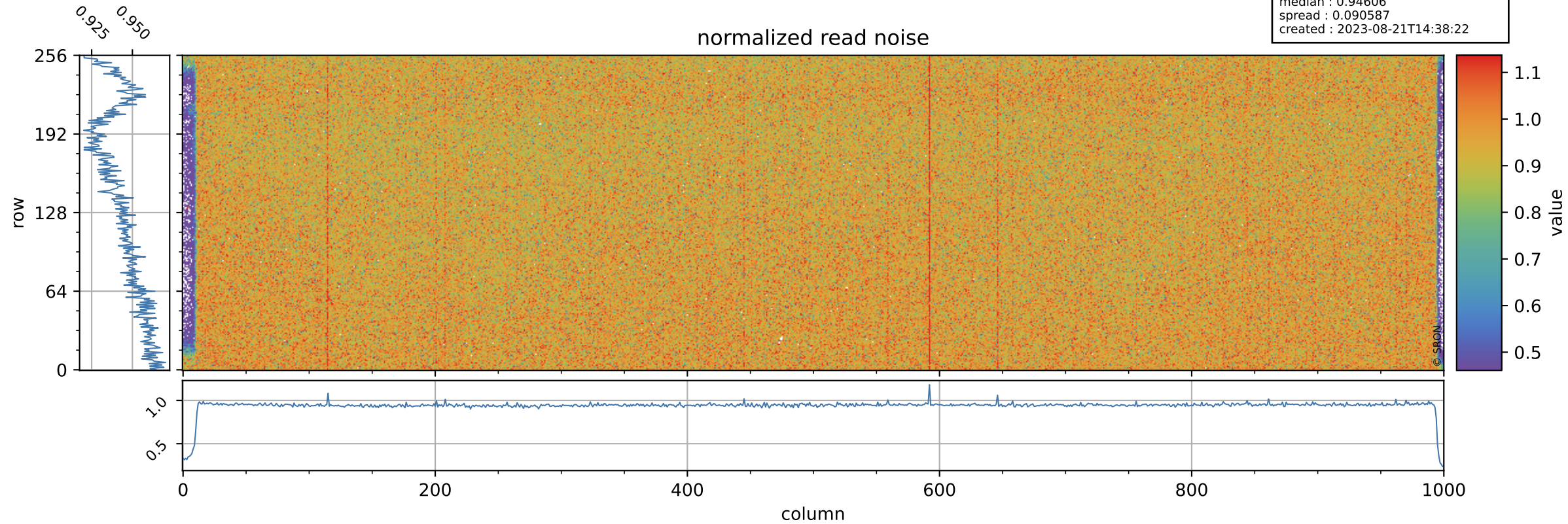
# Tropomi SWIR background noise (swir)

orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
median : 1.1281 e  
spread : 0.062202 e  
created : 2023-08-21T14:38:22



# Tropomi SWIR background noise (swir)

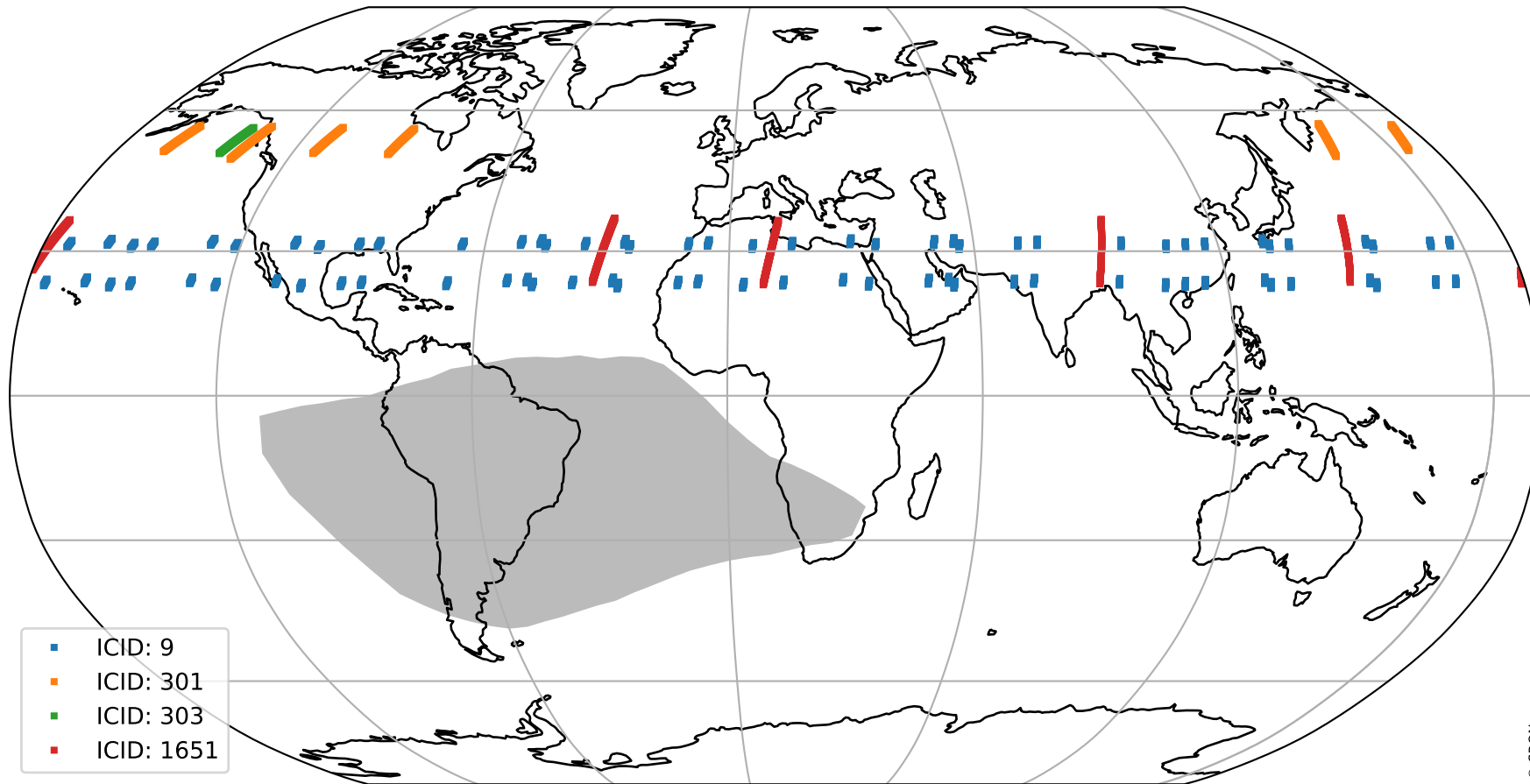
orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
median : 0.94606  
spread : 0.090587  
created : 2023-08-21T14:38:22





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

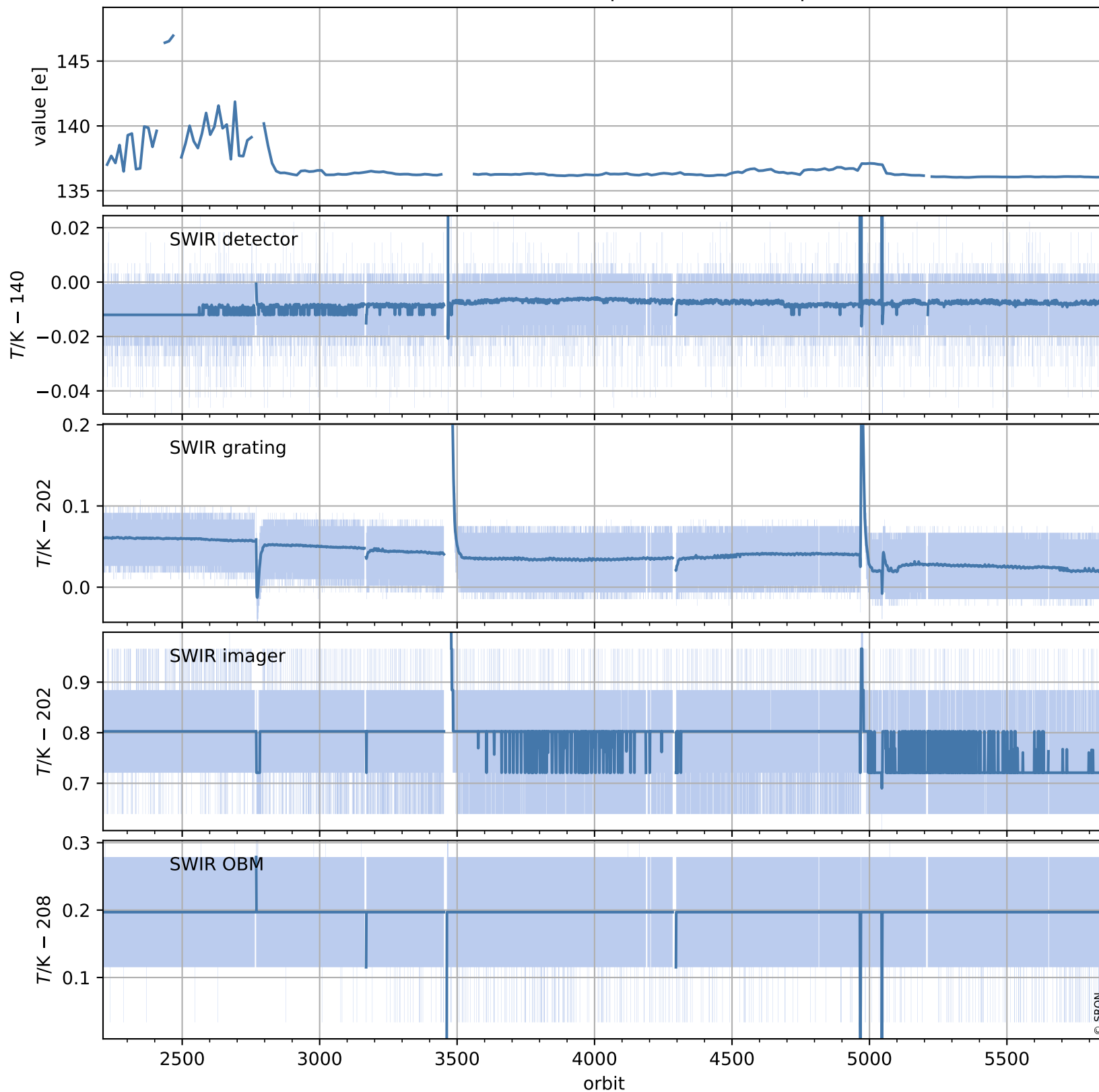
orbits : 12 in [5782, 5857]  
coverage : 2018-11-24 / 2018-11-29  
created : 2023-08-21T14:38:22



# Tropomi SWIR background noise (swir)

orbits : [2212, 5857]  
coverage : 2018-03-18 / 2018-11-29  
created : 2023-08-21T14:38:23

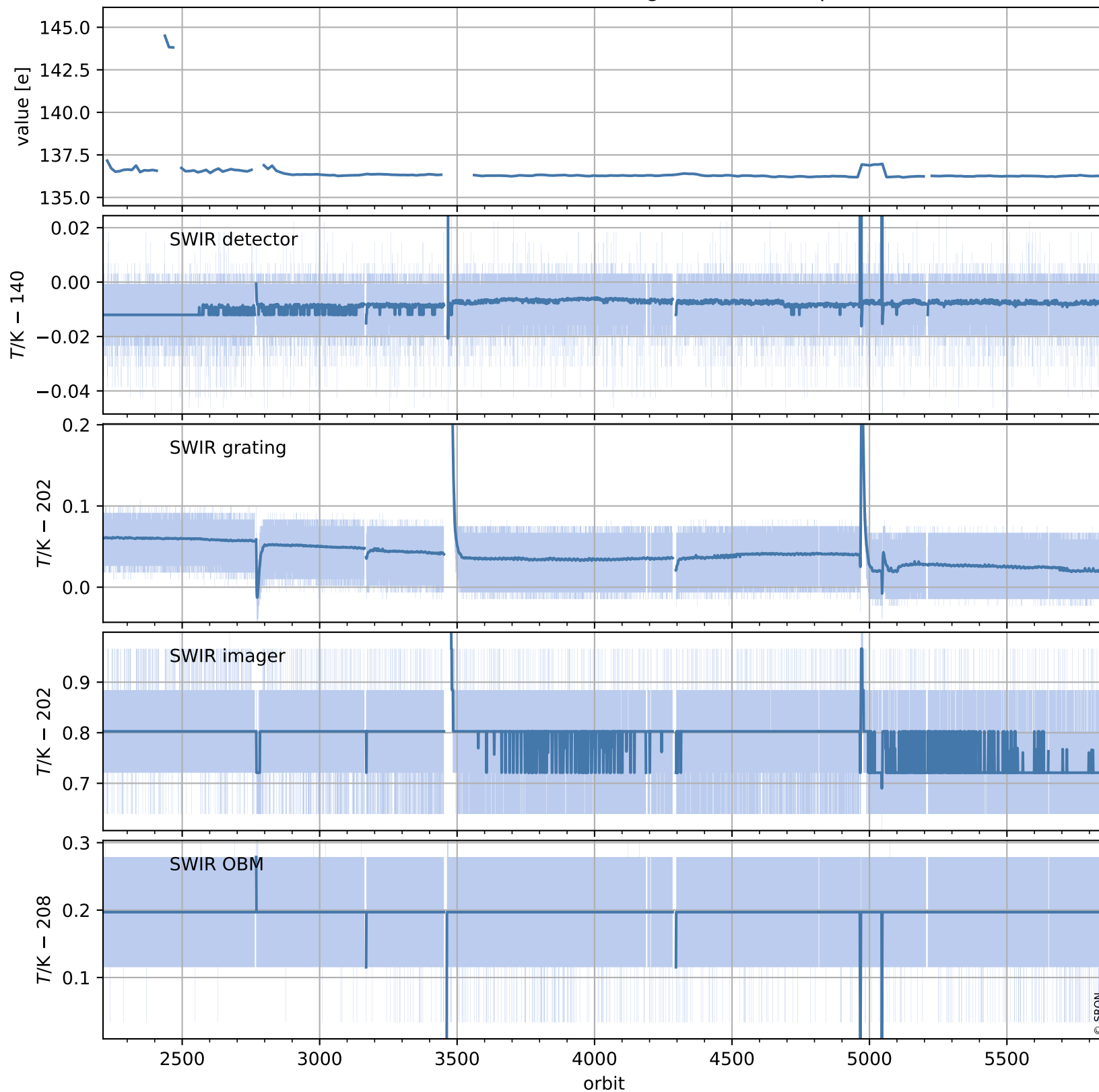
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5857]  
coverage : 2018-03-18 / 2018-11-29  
created : 2023-08-21T14:38:23

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5857]  
coverage : 2018-03-18 / 2018-11-29  
created : 2023-08-21T14:38:24

## trend of normalized read-noise & temperatures

