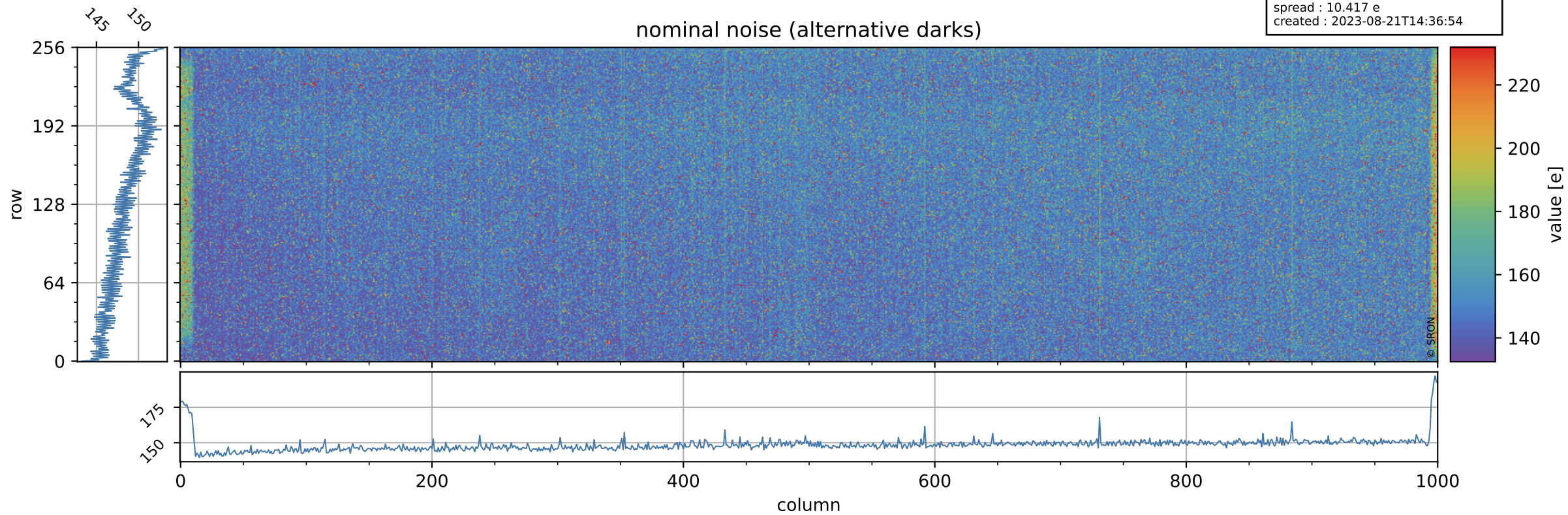


# Tropomi SWIR background noise (swir)

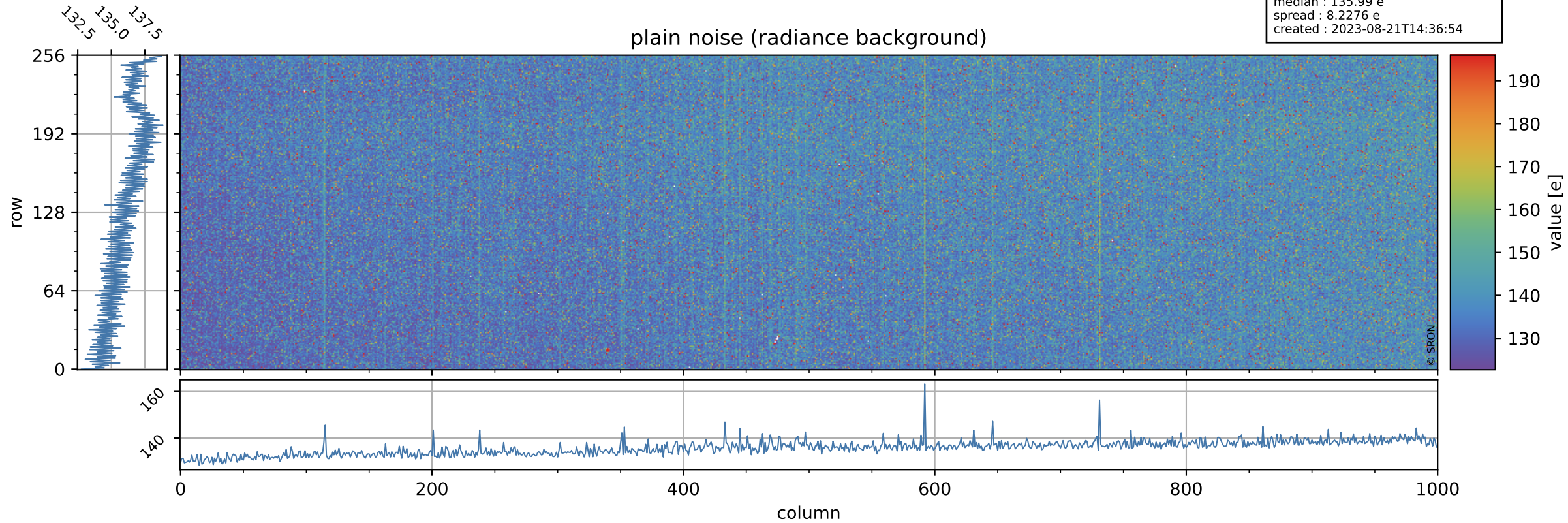
orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
n\_coad, t\_exp : 1, 1.0783  
median : 148.3 e  
spread : 10.417 e  
created : 2023-08-21T14:36:54



# Tropomi SWIR background noise (swir)

orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
n\_coad, t\_exp : 2, 0.5383  
median : 135.99 e  
spread : 8.2276 e  
created : 2023-08-21T14:36:54

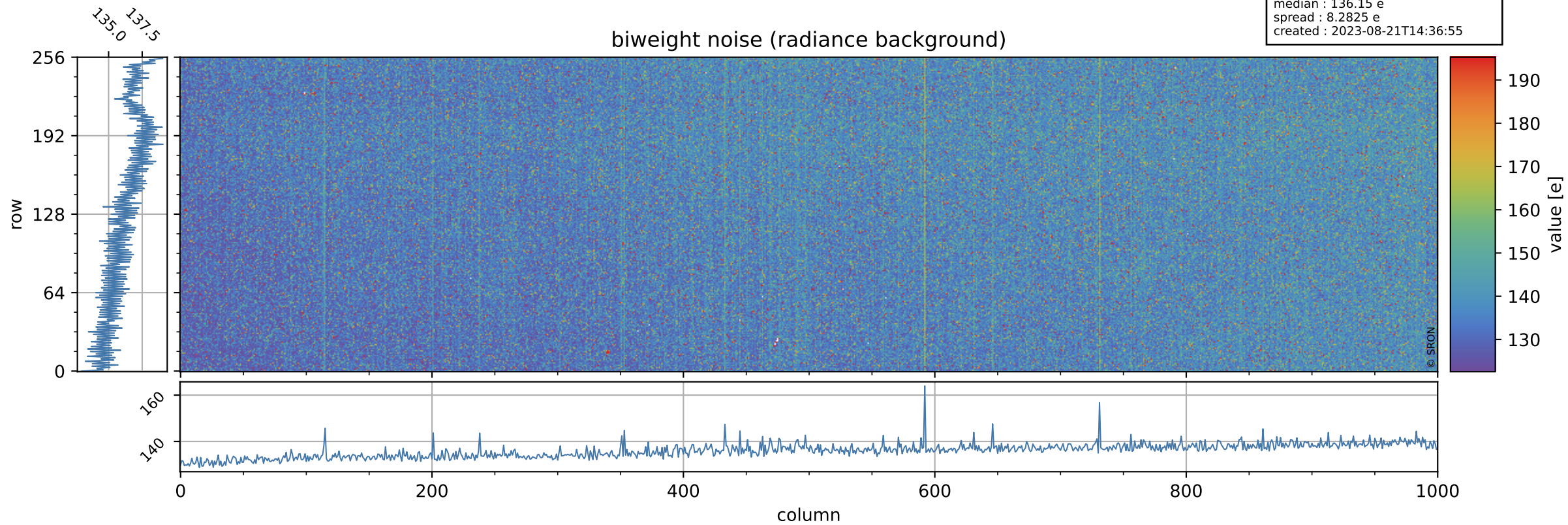
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
n\_coad, t\_exp : 2, 0.5383  
median : 136.15 e  
spread : 8.2825 e  
created : 2023-08-21T14:36:55

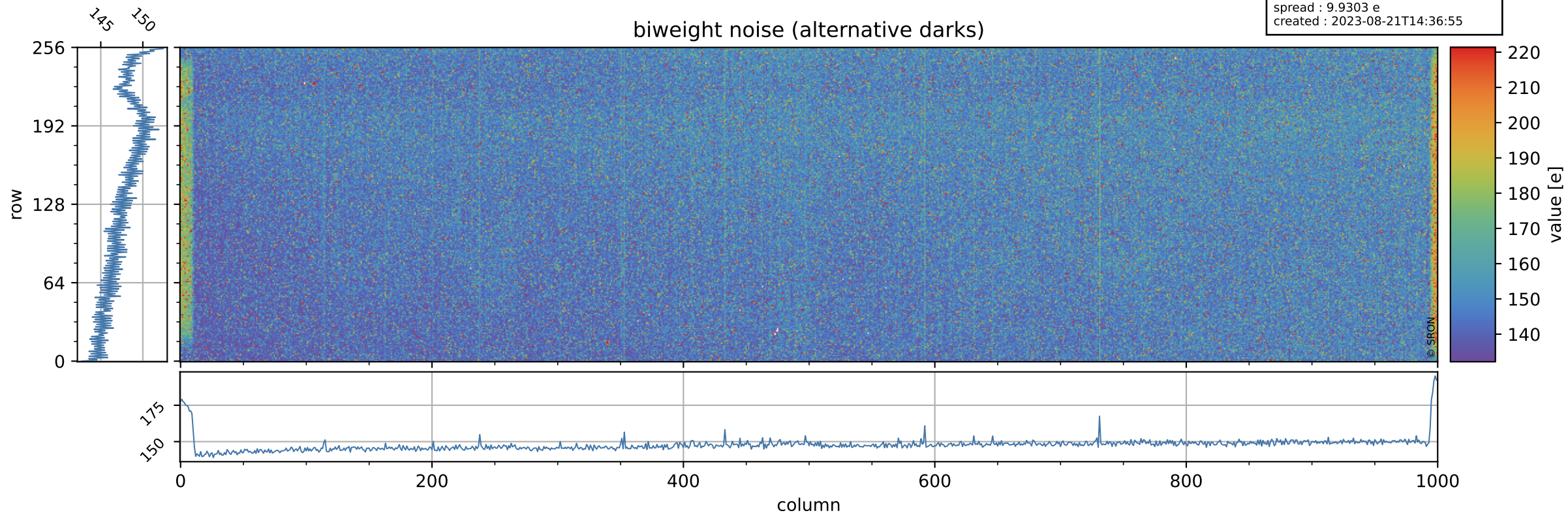
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
n\_coad, t\_exp : 1, 1.0783  
median : 147.54 e  
spread : 9.9303 e  
created : 2023-08-21T14:36:55

## biweight noise (alternative darks)

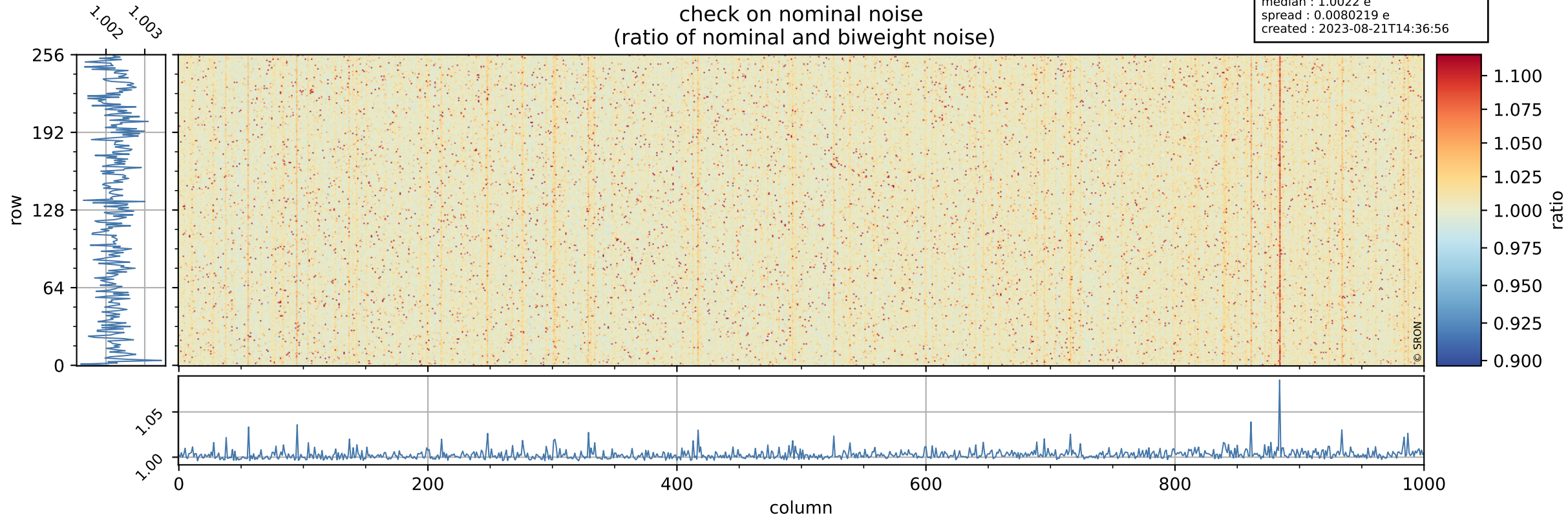




# Tropomi SWIR background noise (swir)

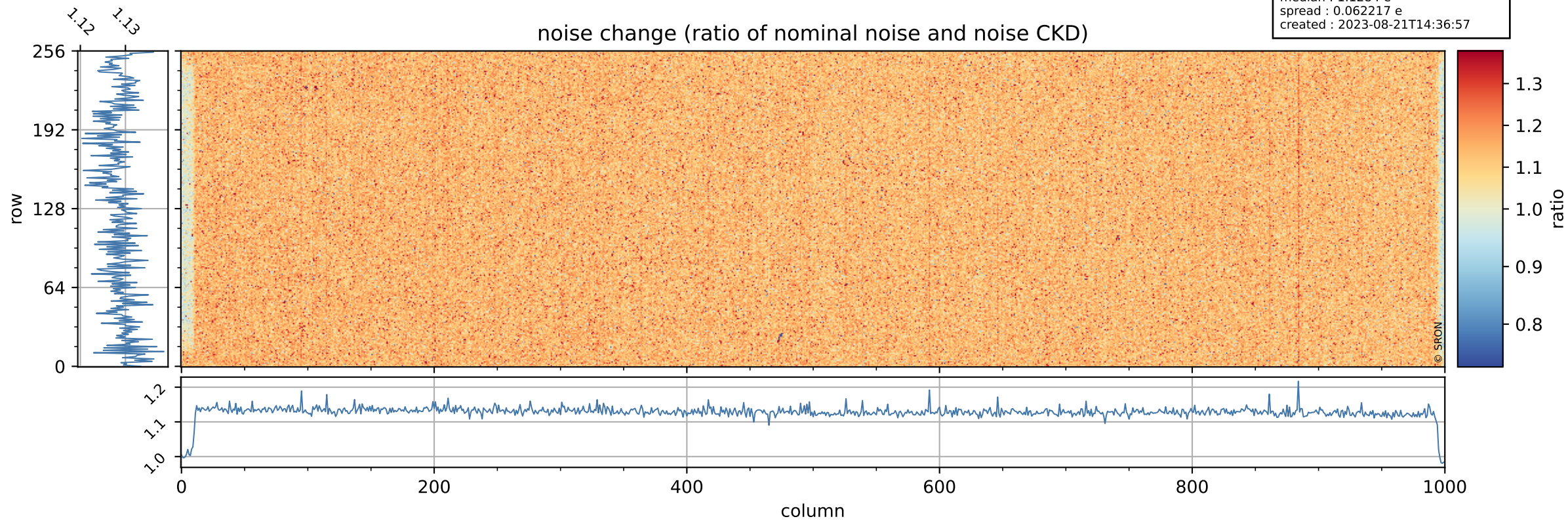
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
median : 1.0022 e  
spread : 0.0080219 e  
created : 2023-08-21T14:36:56



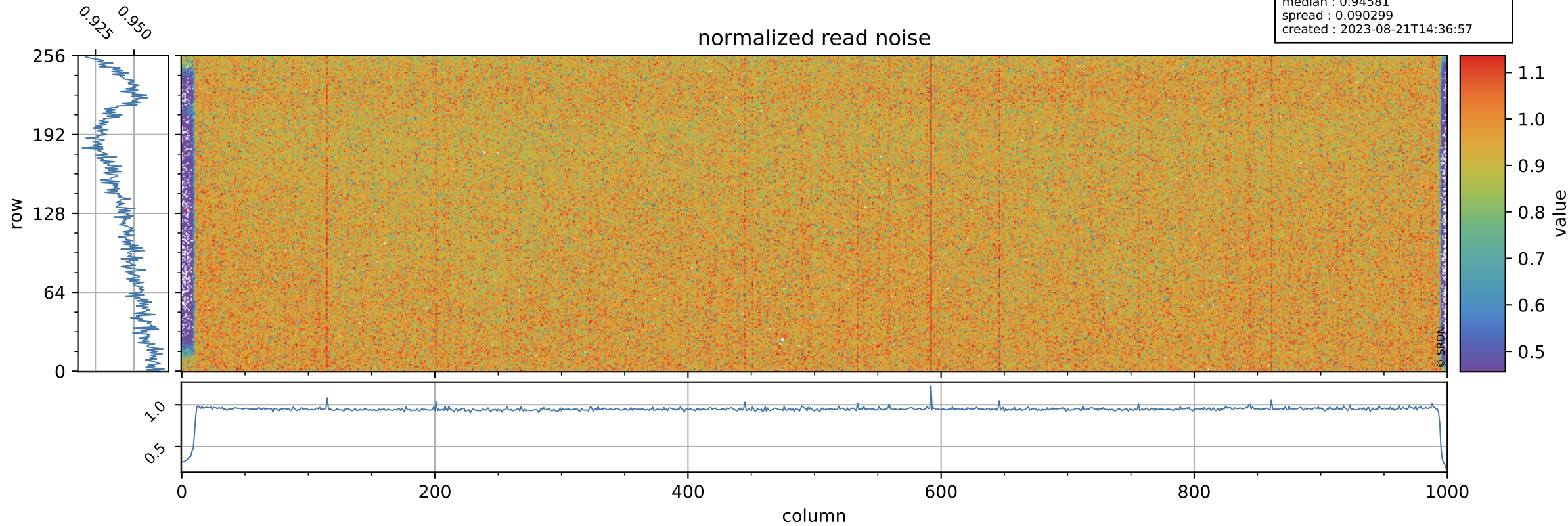
# Tropomi SWIR background noise (swir)

orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
median : 1.1284 e  
spread : 0.062217 e  
created : 2023-08-21T14:36:57



# Tropomi SWIR background noise (swir)

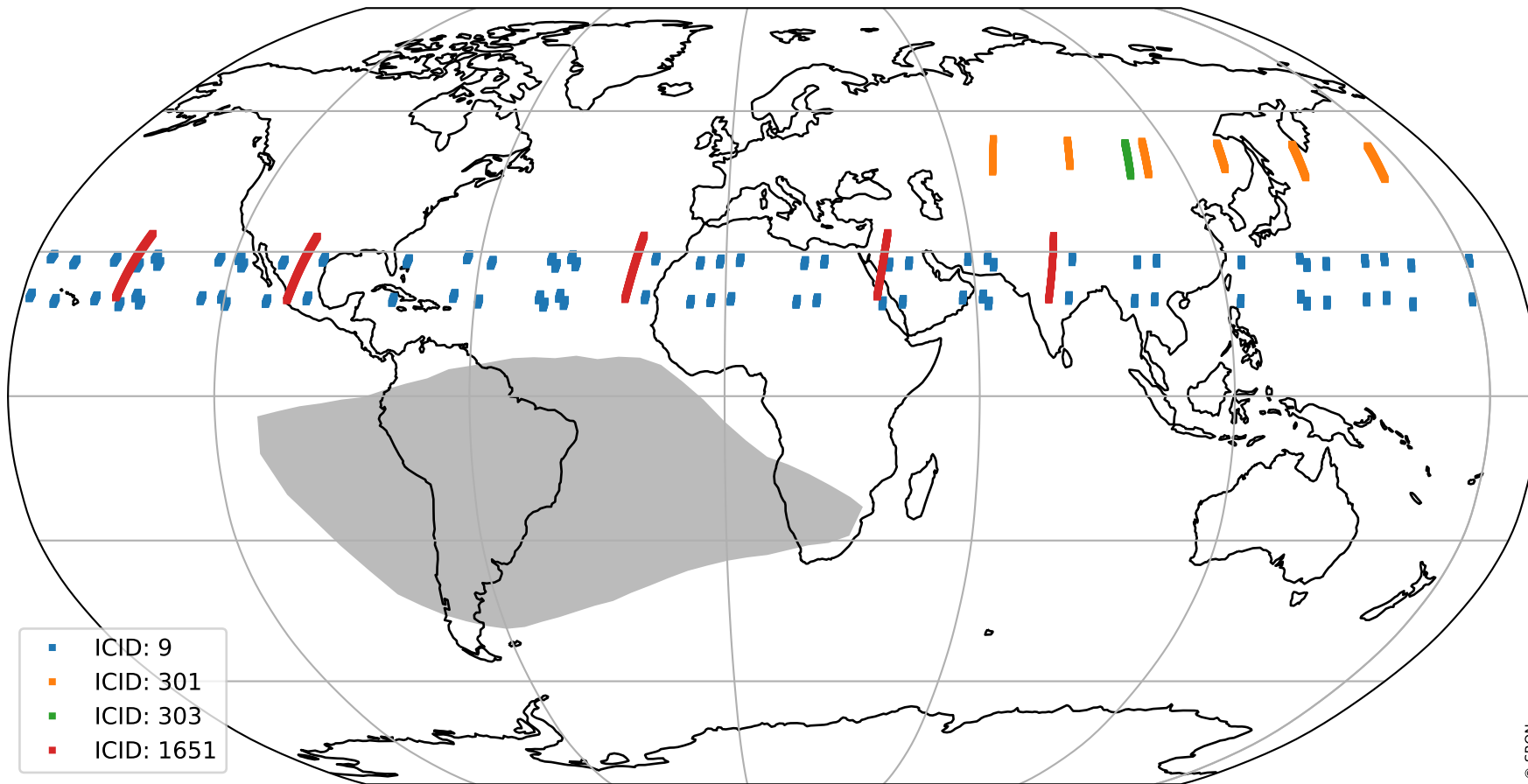
orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
median : 0.94581  
spread : 0.090299  
created : 2023-08-21T14:36:57





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

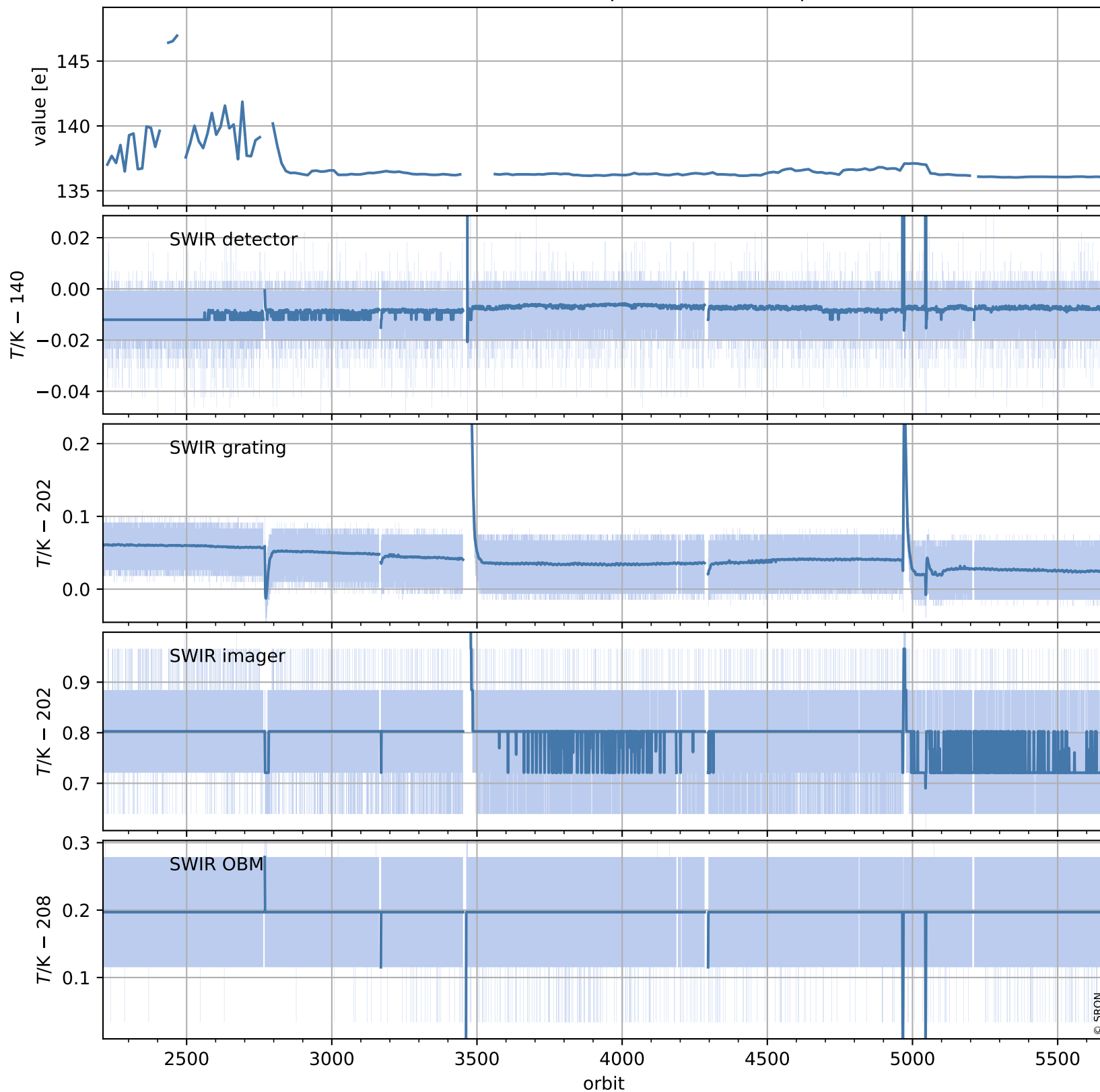
orbits : 12 in [5572, 5662]  
coverage : 2018-11-10 / 2018-11-15  
created : 2023-08-21T14:36:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 5662]  
coverage : 2018-03-18 / 2018-11-15  
created : 2023-08-21T14:36:58

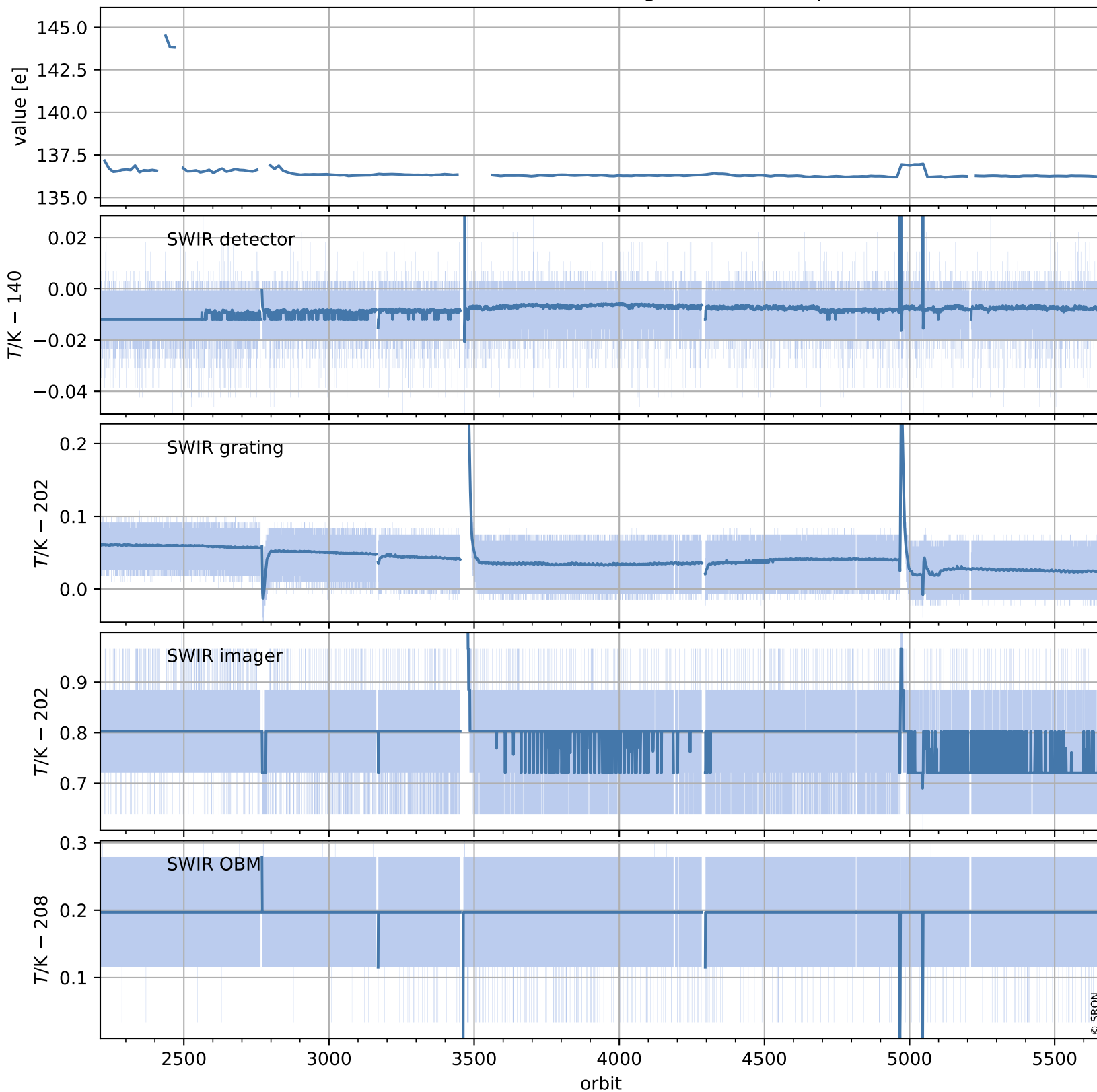
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5662]  
coverage : 2018-03-18 / 2018-11-15  
created : 2023-08-21T14:36:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5662]  
coverage : 2018-03-18 / 2018-11-15  
created : 2023-08-21T14:36:59

## trend of normalized read-noise & temperatures

