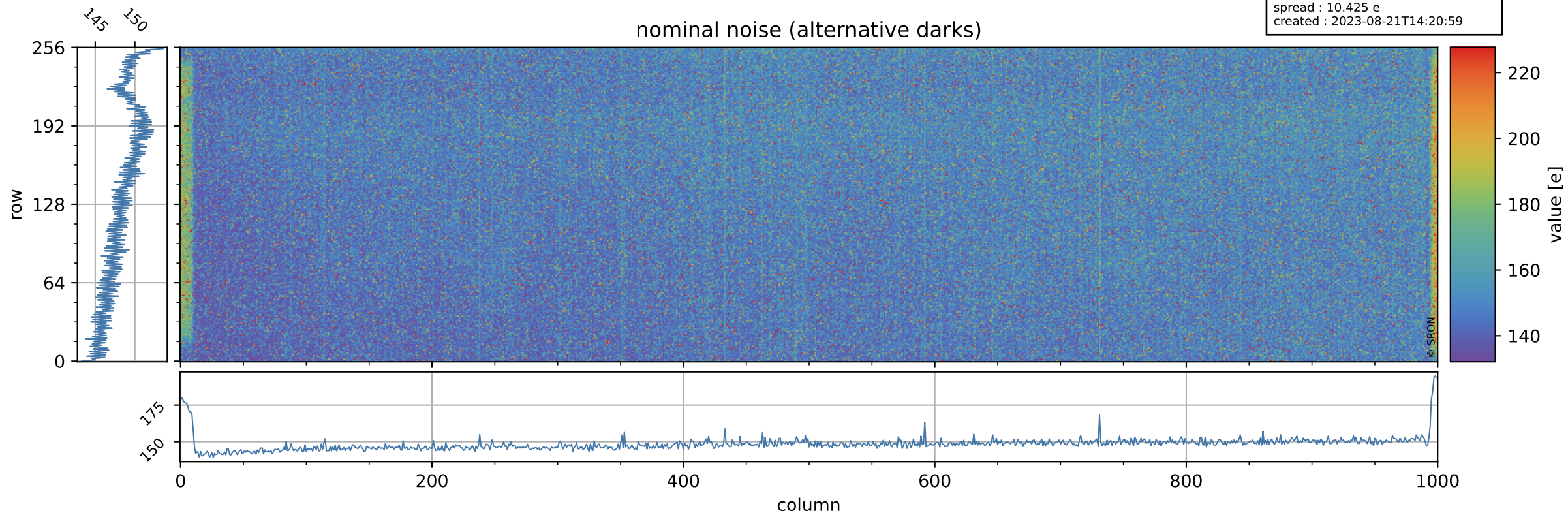


# Tropomi SWIR background noise (swir)

orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
n\_coad, t\_exp : 1, 1.0783  
median : 148.24 e  
spread : 10.425 e  
created : 2023-08-21T14:20:59

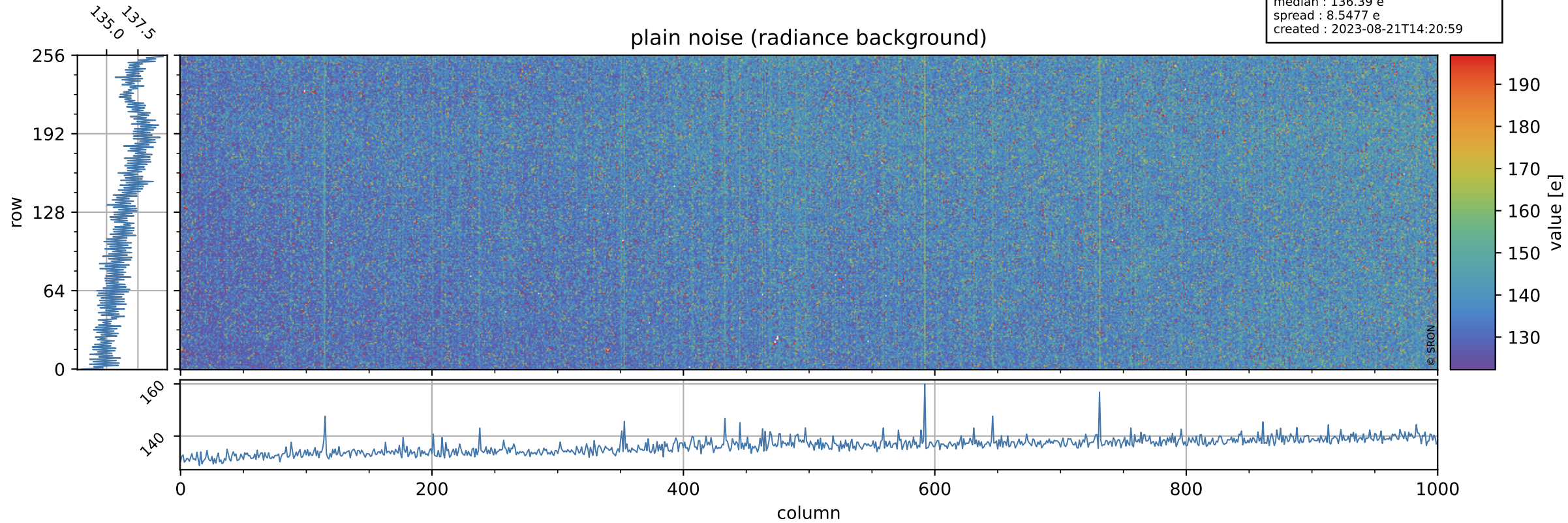
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
n\_coad, t\_exp : 2, 0.5383  
median : 136.39 e  
spread : 8.5477 e  
created : 2023-08-21T14:20:59

## plain noise (radiance background)

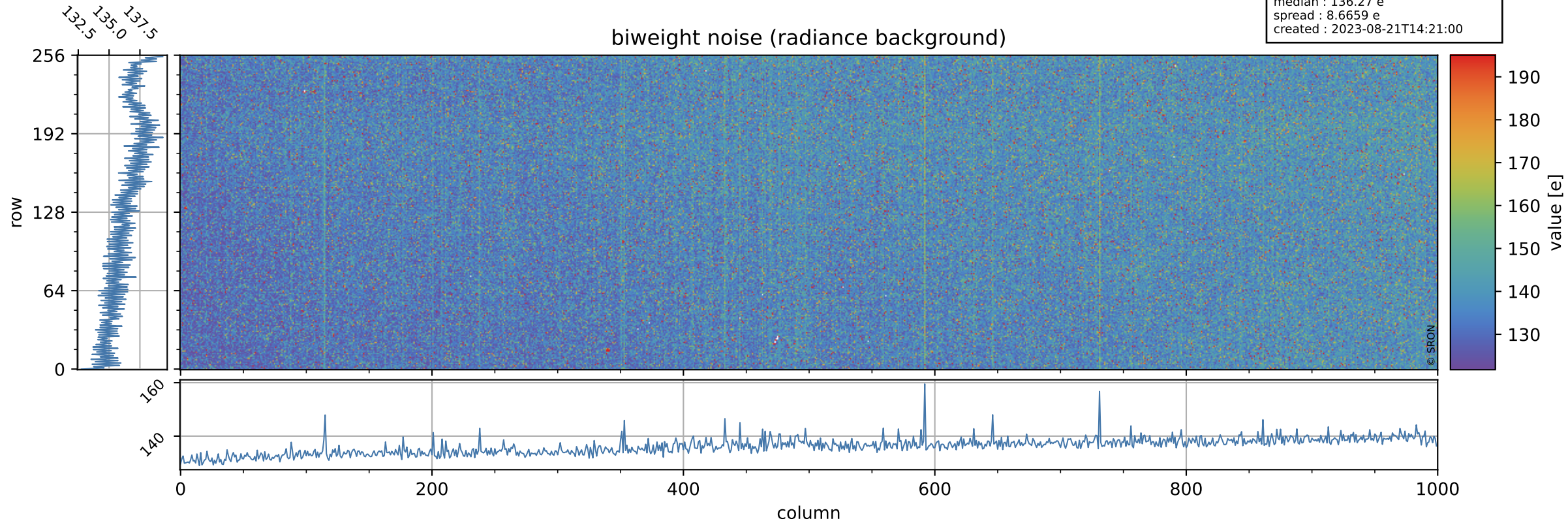




# Tropomi SWIR background noise (swir)

orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
n\_coad, t\_exp : 2, 0.5383  
median : 136.27 e  
spread : 8.6659 e  
created : 2023-08-21T14:21:00

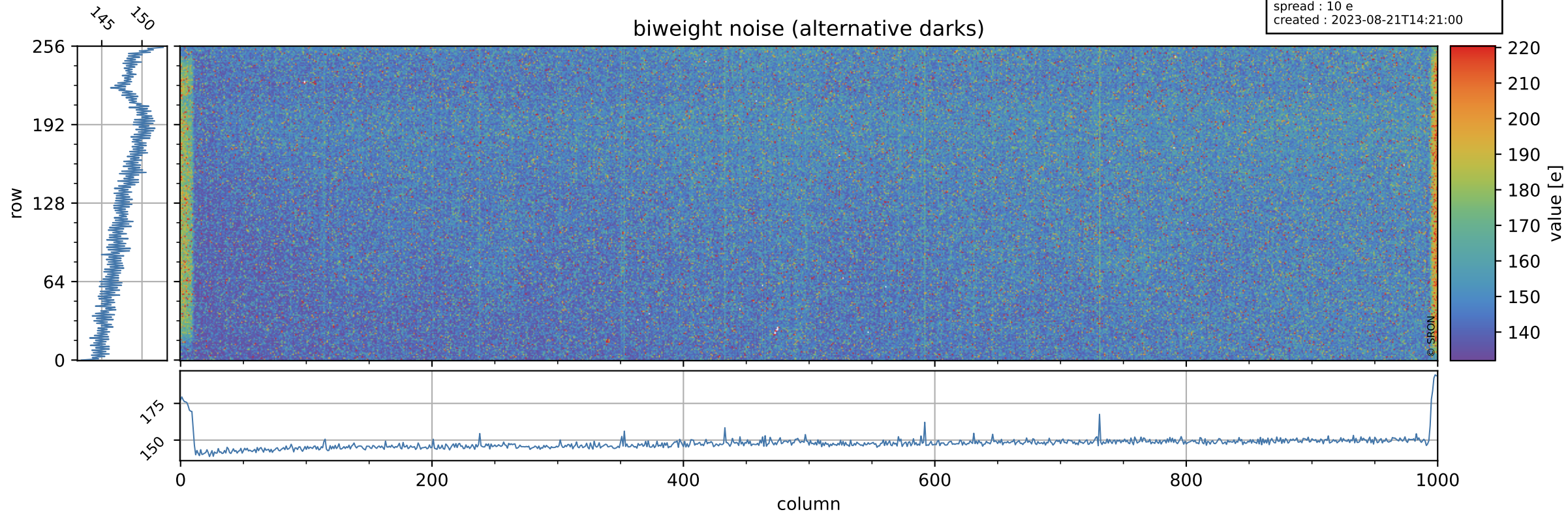
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 10 e  
created : 2023-08-21T14:21:00

## biweight noise (alternative darks)

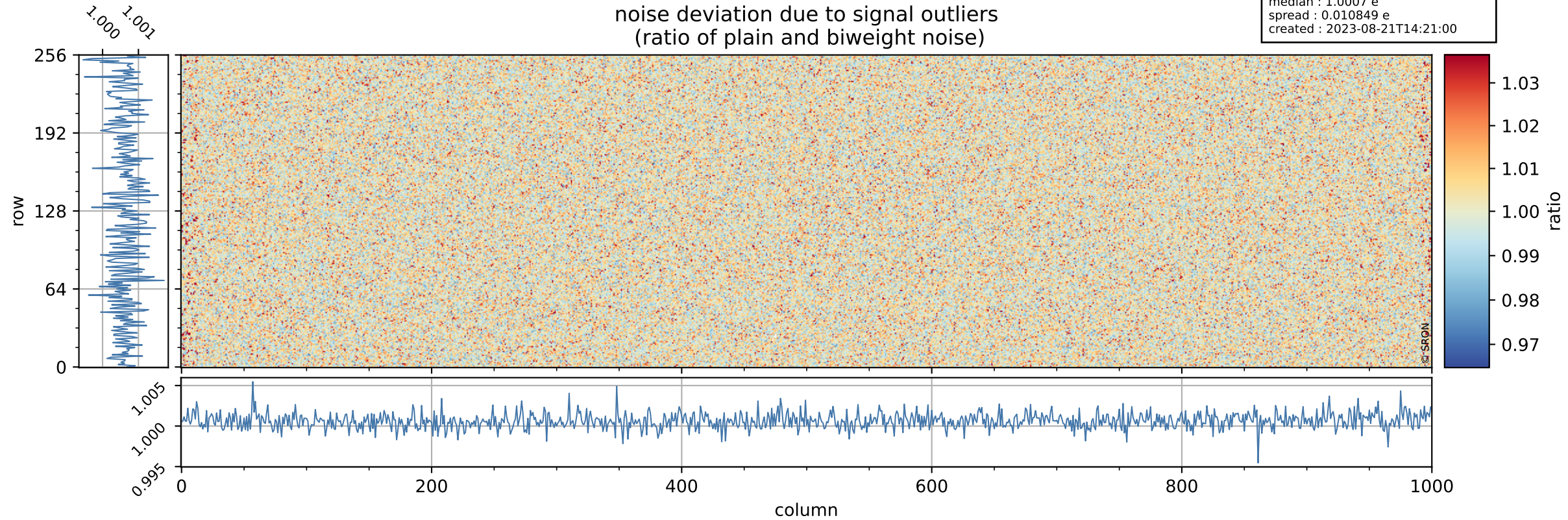




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
median : 1.0007 e  
spread : 0.010849 e  
created : 2023-08-21T14:21:00

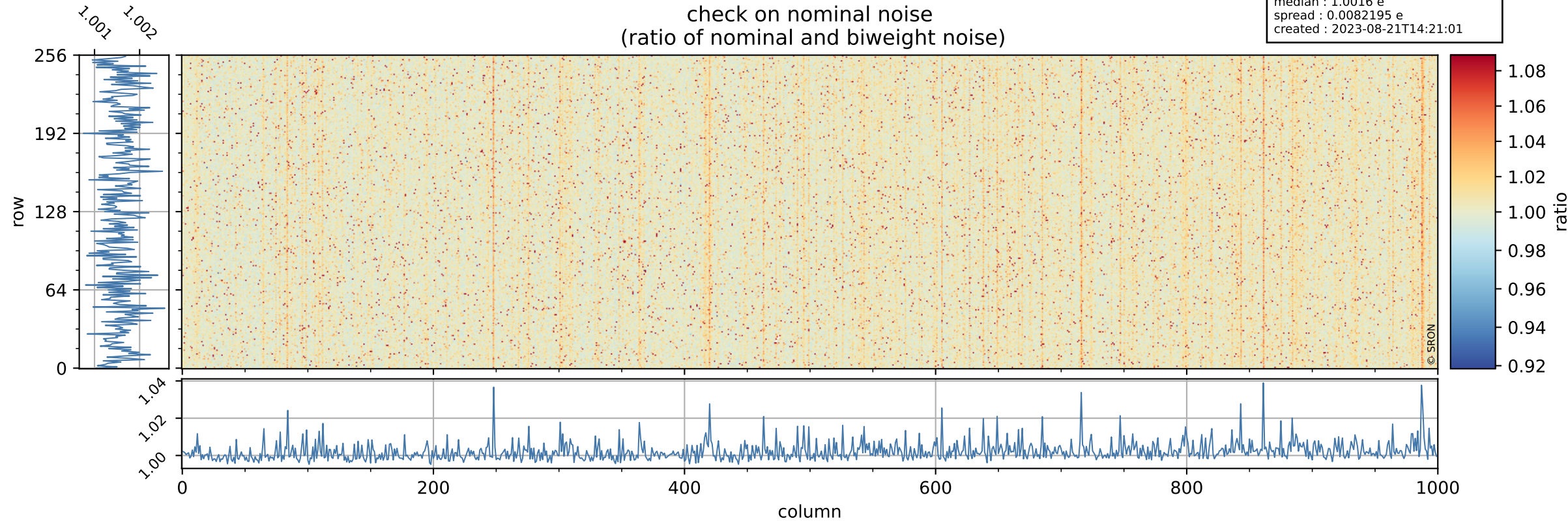




# Tropomi SWIR background noise (swir)

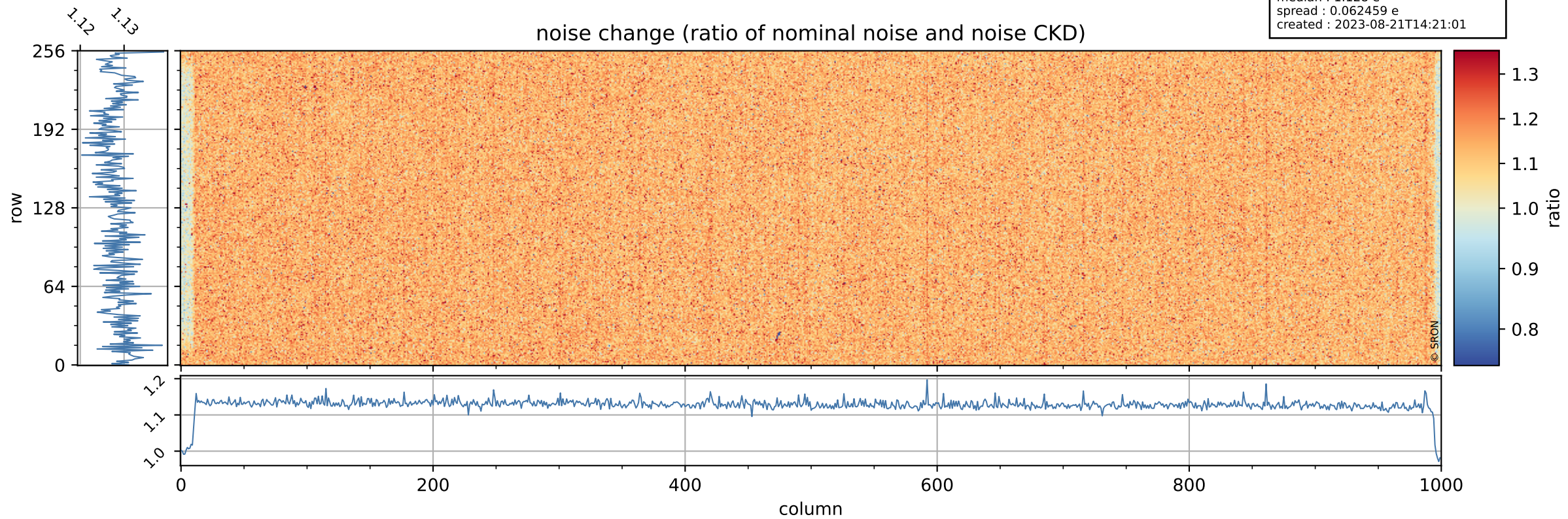
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
median : 1.0016 e  
spread : 0.0082195 e  
created : 2023-08-21T14:21:01



# Tropomi SWIR background noise (swir)

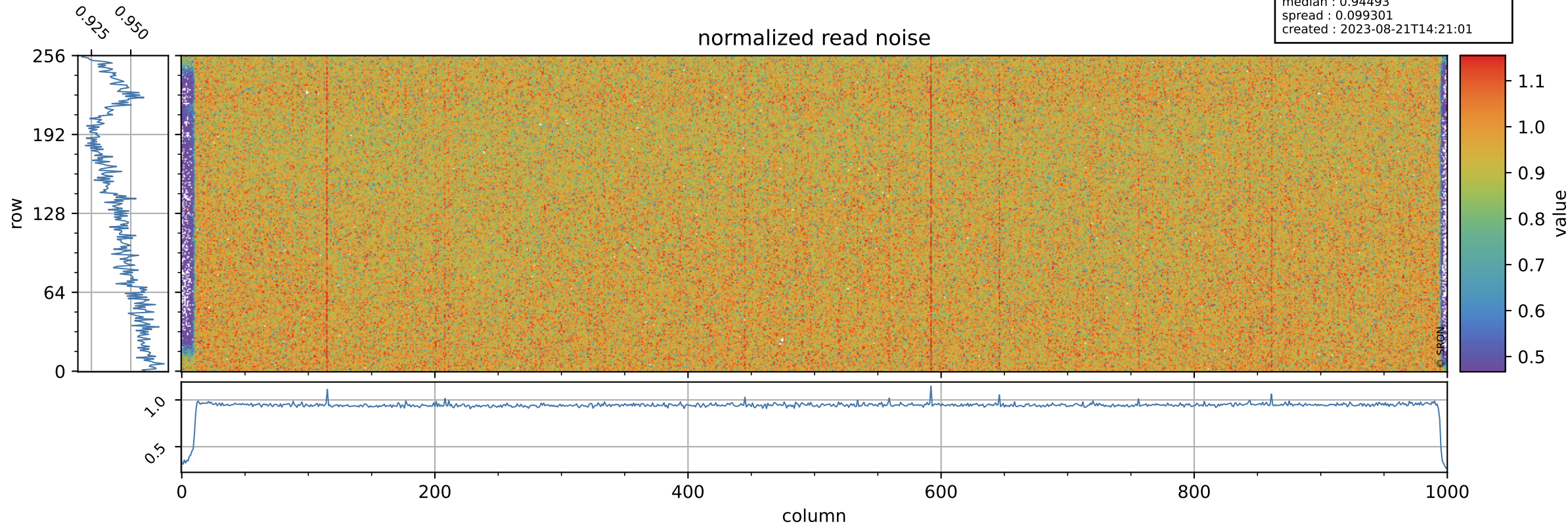
orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
median : 1.128 e  
spread : 0.062459 e  
created : 2023-08-21T14:21:01





# Tropomi SWIR background noise (swir)

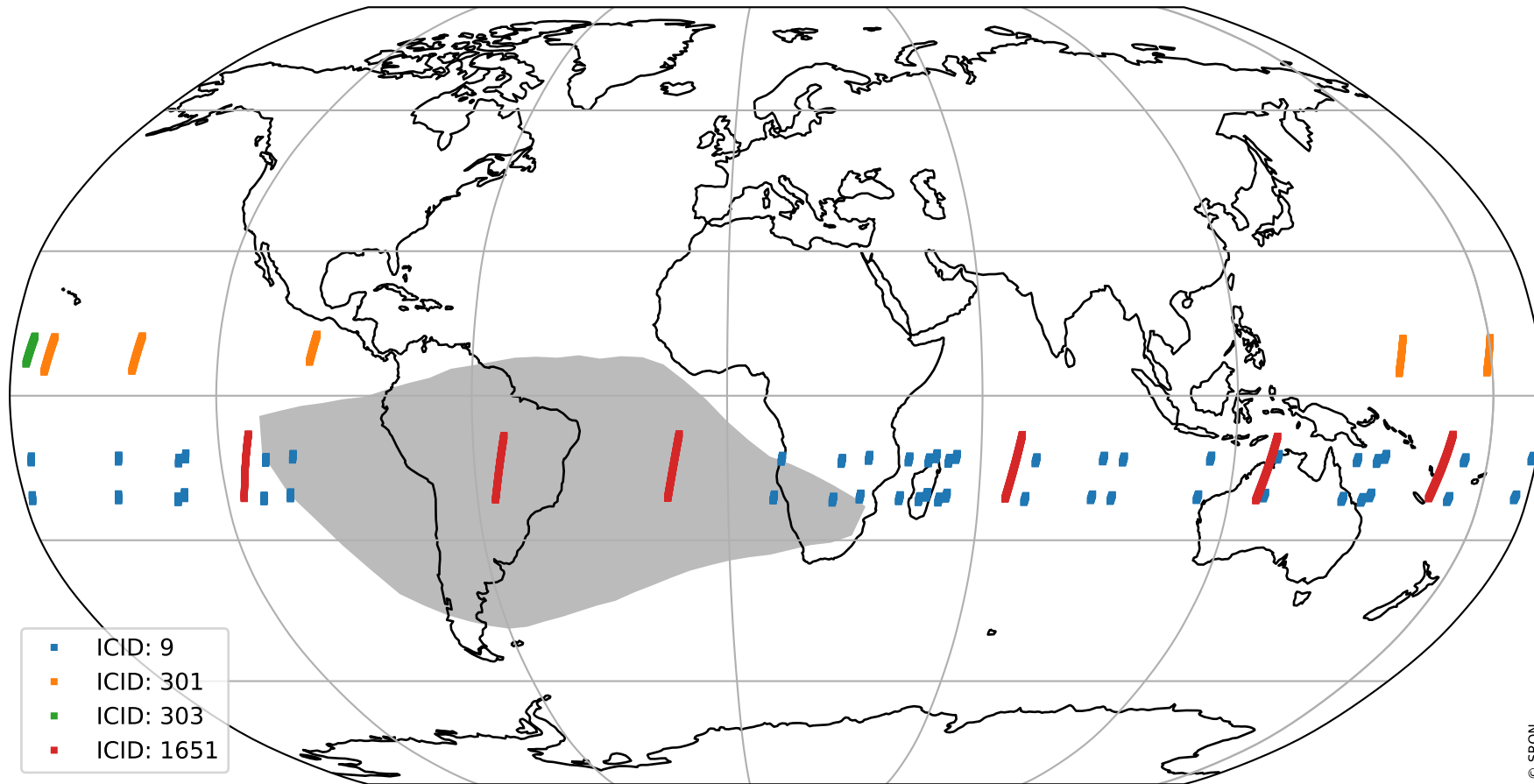
orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
median : 0.94493  
spread : 0.099301  
created : 2023-08-21T14:21:01





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

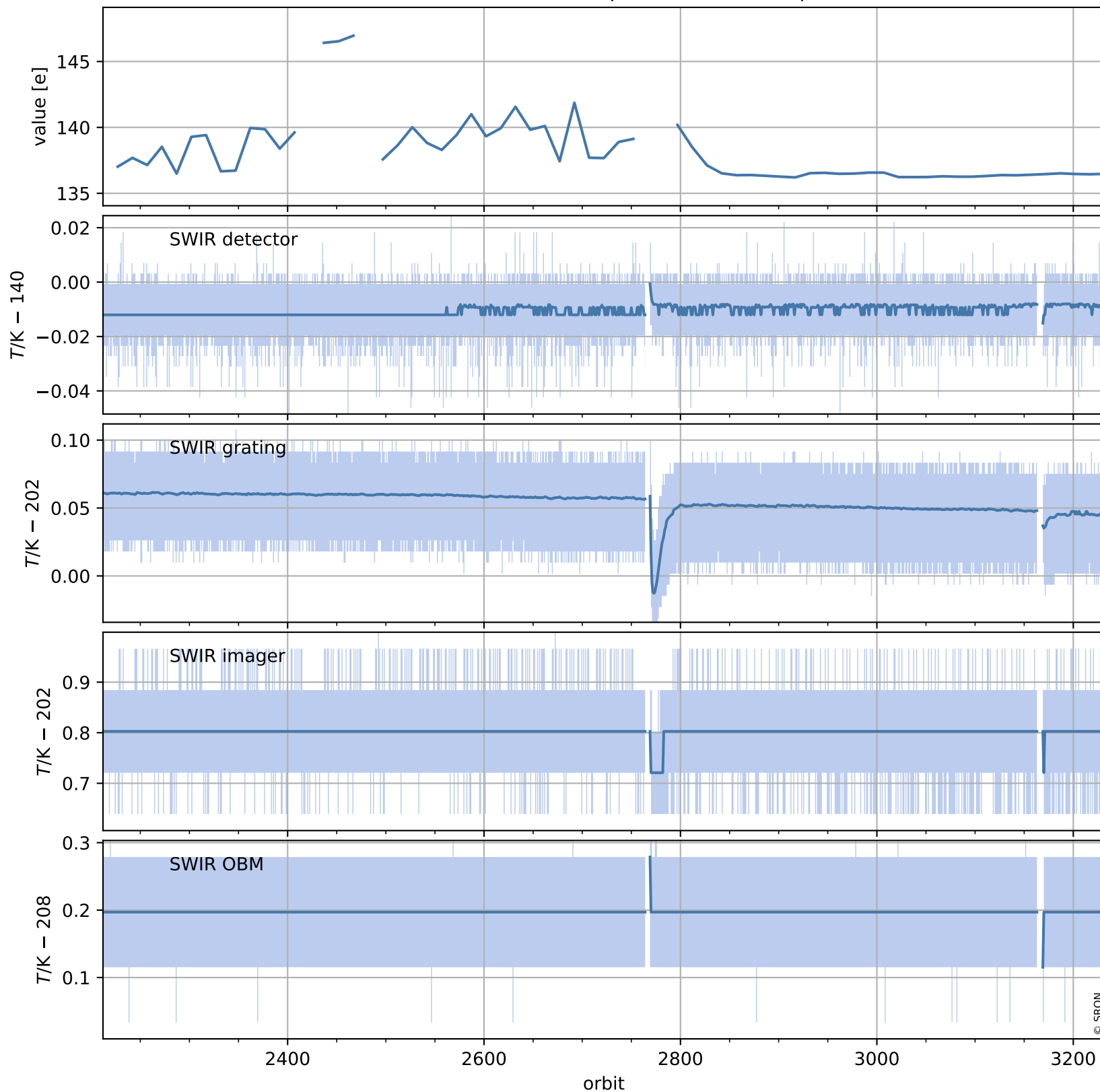
orbits : 12 in [3142, 3232]  
coverage : 2018-05-23 / 2018-05-28  
created : 2023-08-21T14:21:01



# Tropomi SWIR background noise (swir)

orbits : [2212, 3232]  
coverage : 2018-03-18 / 2018-05-28  
created : 2023-08-21T14:21:02

## trend of detector median of plain noise & temperatures

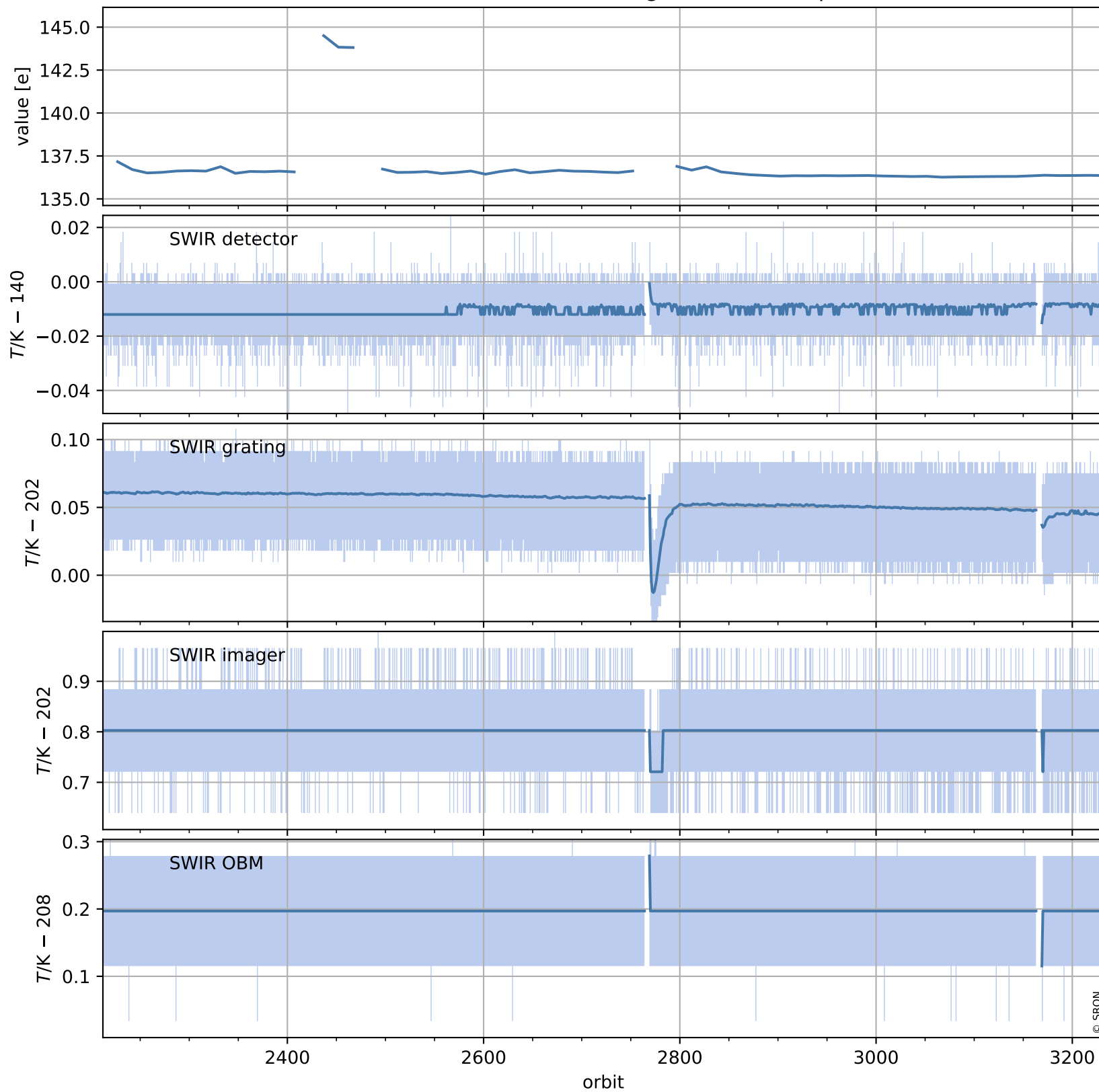




# Tropomi SWIR background noise (swir)

orbits : [2212, 3232]  
coverage : 2018-03-18 / 2018-05-28  
created : 2023-08-21T14:21:02

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3232]  
coverage : 2018-03-18 / 2018-05-28  
created : 2023-08-21T14:21:03

## trend of normalized read-noise & temperatures

