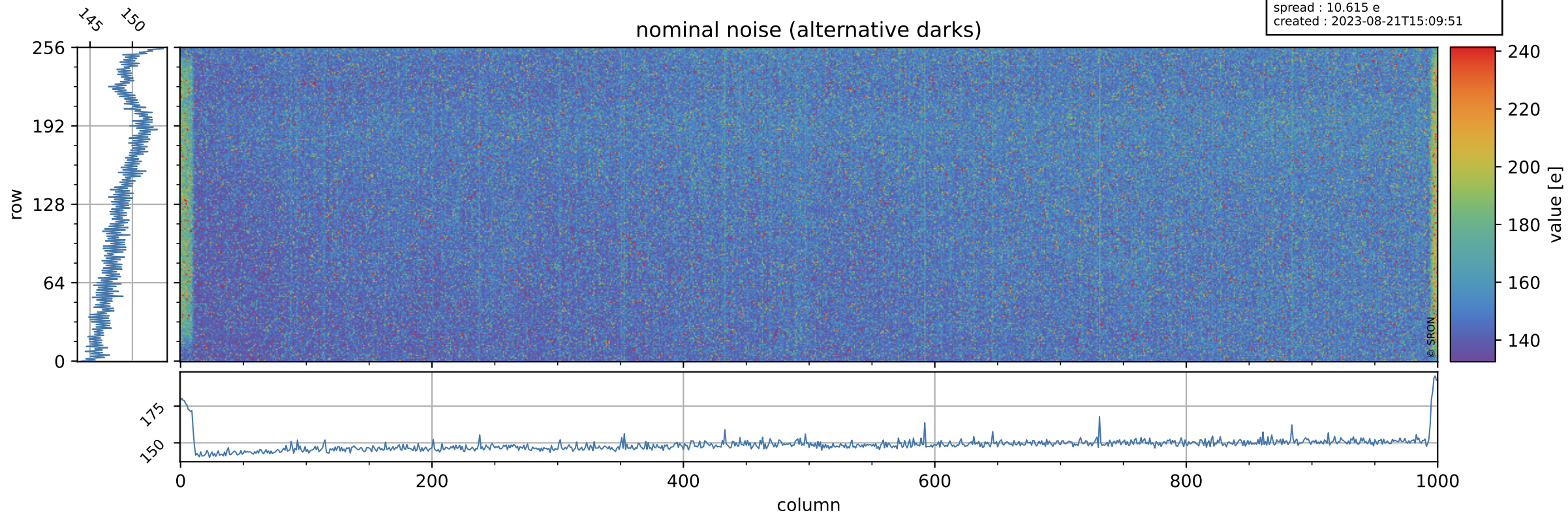


# Tropomi SWIR background noise (swir)

orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.59 e  
spread : 10.615 e  
created : 2023-08-21T15:09:51

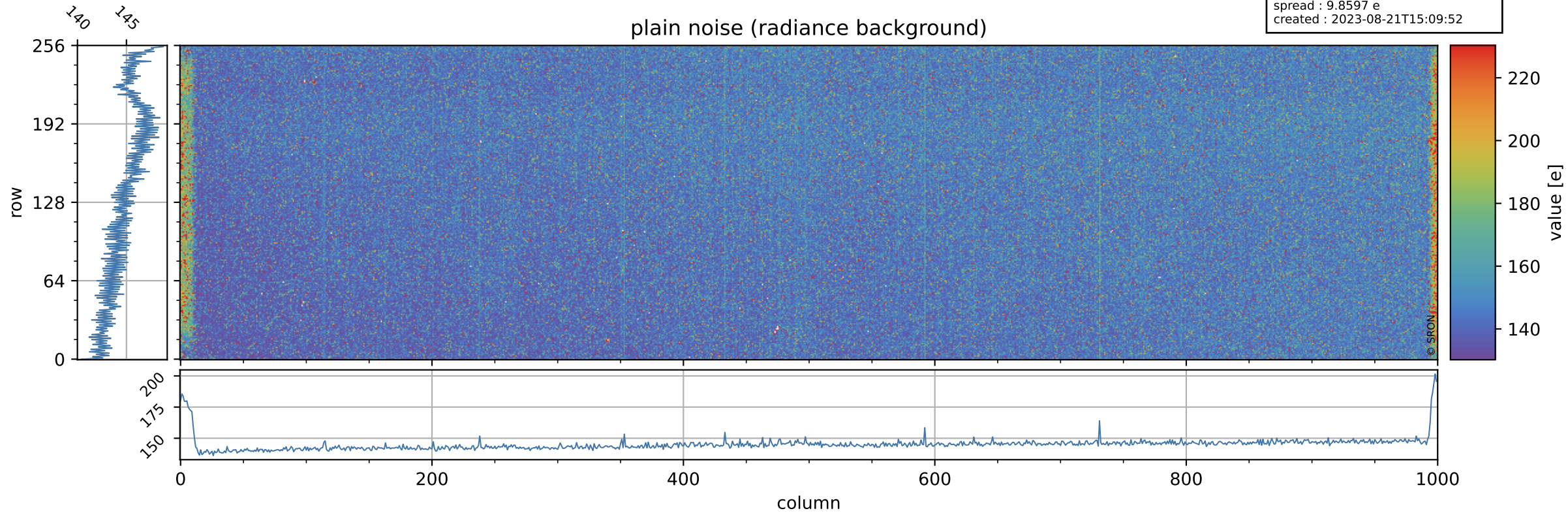
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
n\_coad, t\_exp : 1, 0.8383  
median : 144.75 e  
spread : 9.8597 e  
created : 2023-08-21T15:09:52

plain noise (radiance background)

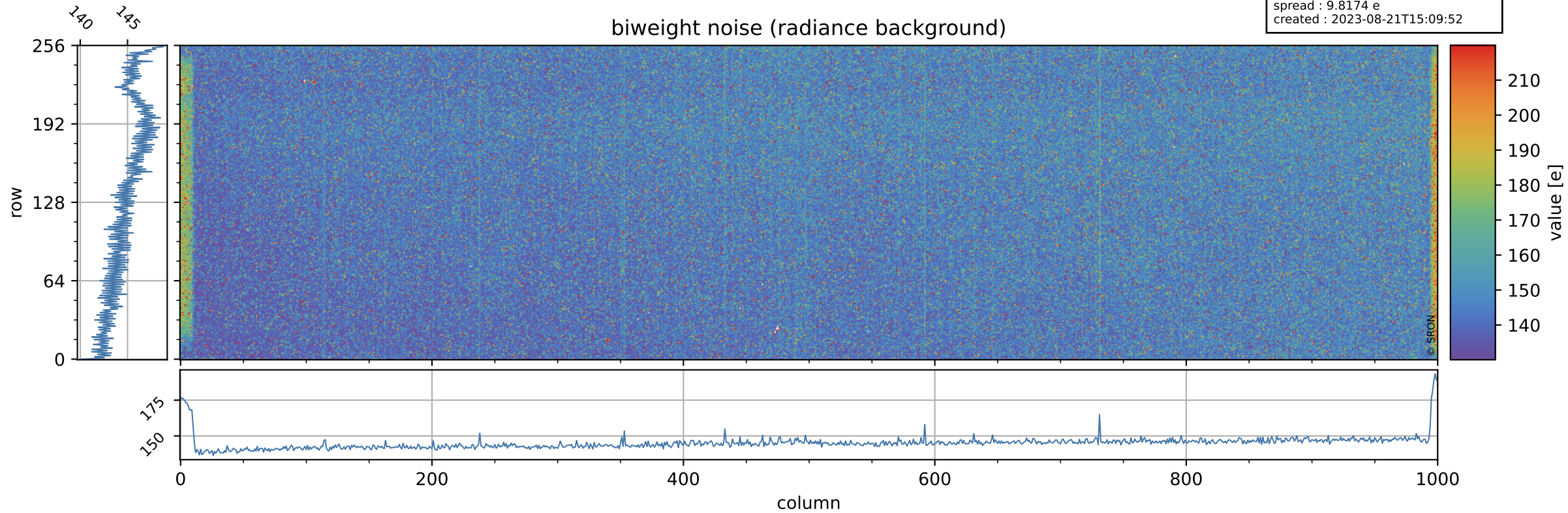




# Tropomi SWIR background noise (swir)

orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
n\_coad, t\_exp : 1, 0.8383  
median : 144.78 e  
spread : 9.8174 e  
created : 2023-08-21T15:09:52

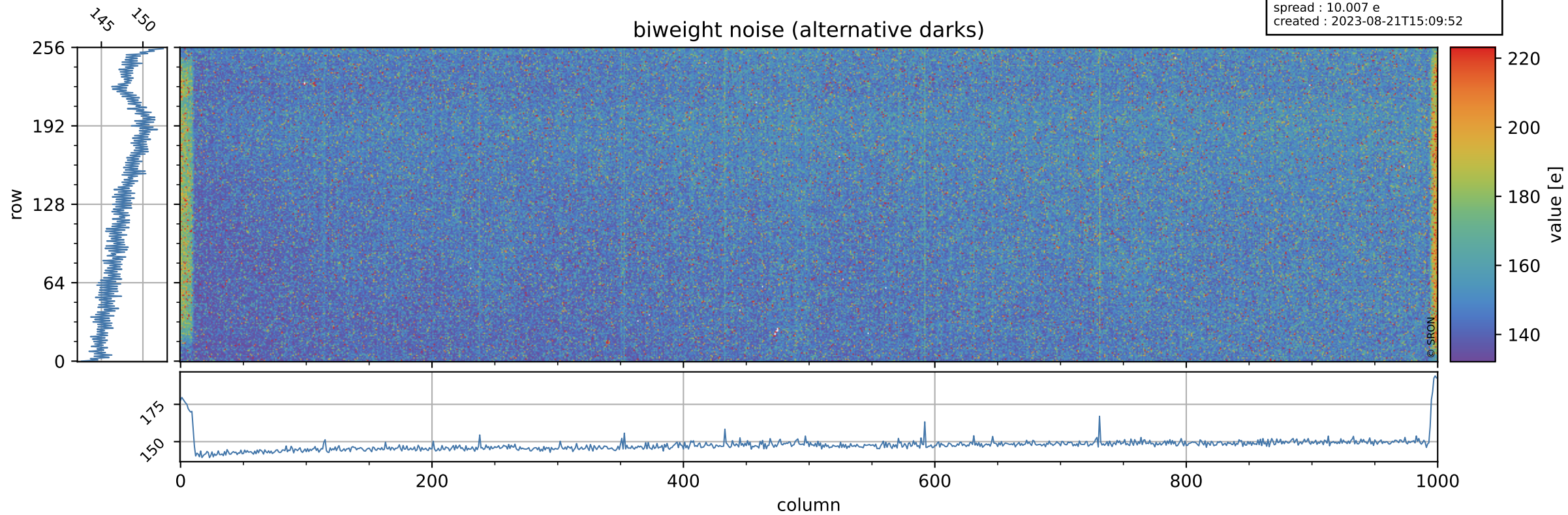
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.55 e  
spread : 10.007 e  
created : 2023-08-21T15:09:52

## biweight noise (alternative darks)

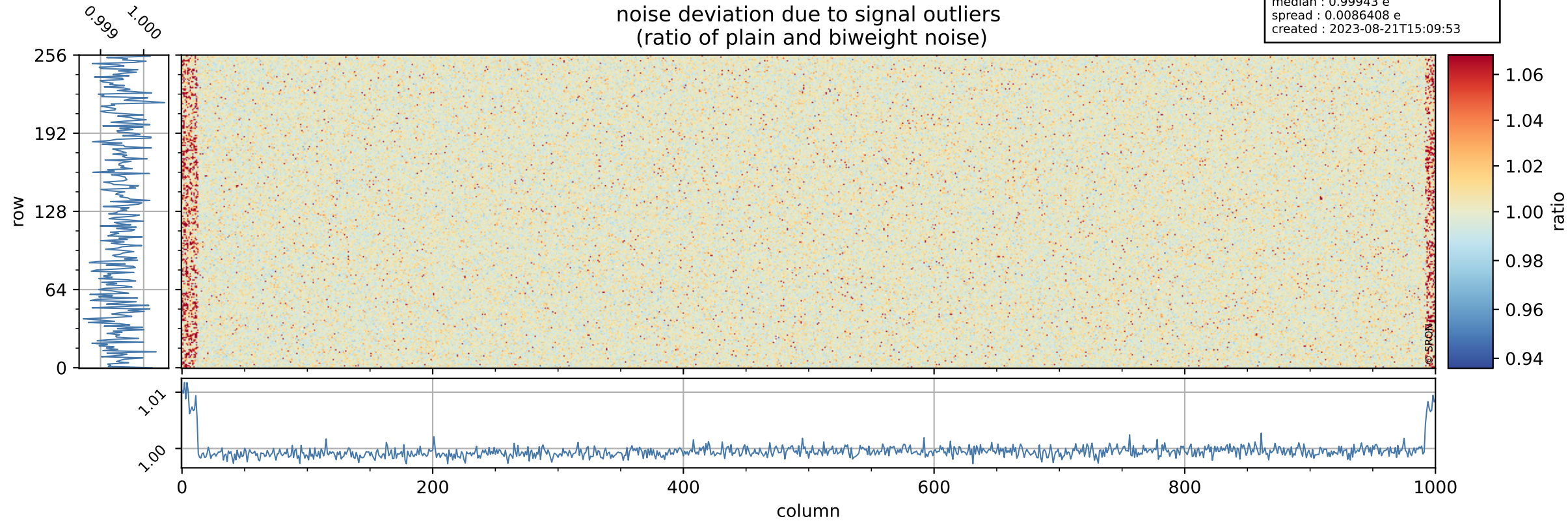




# Tropomi SWIR background noise (swir)

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

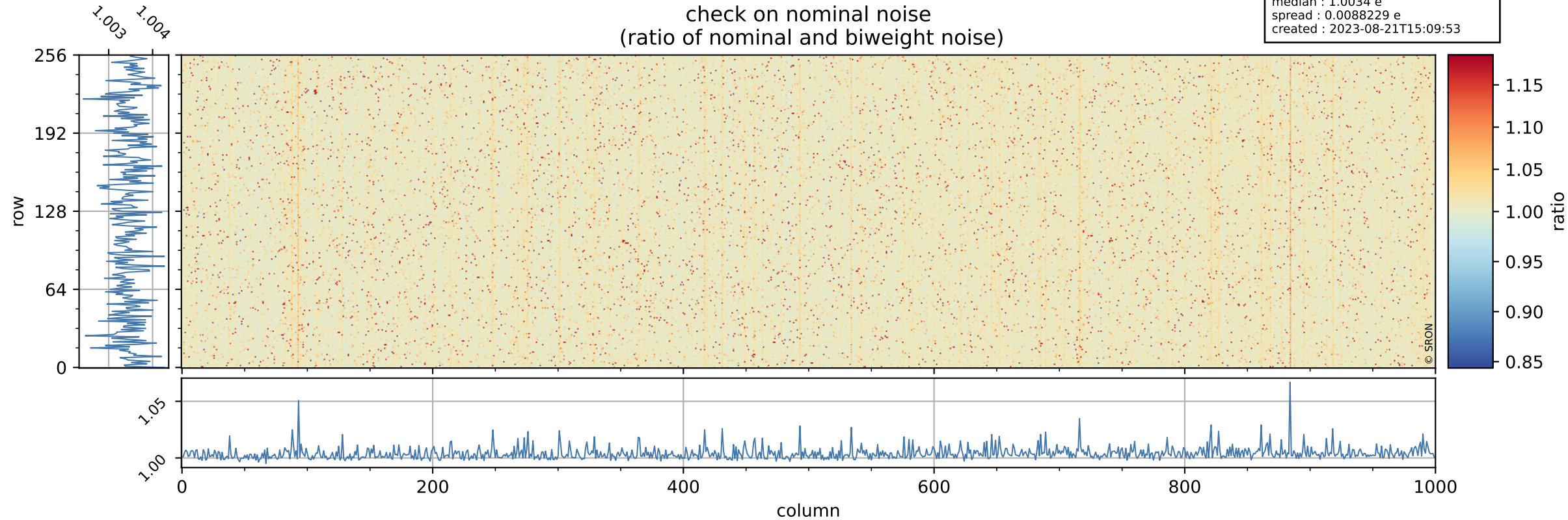
orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
median : 0.99943 e  
spread : 0.0086408 e  
created : 2023-08-21T15:09:53



# Tropomi SWIR background noise (swir)

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

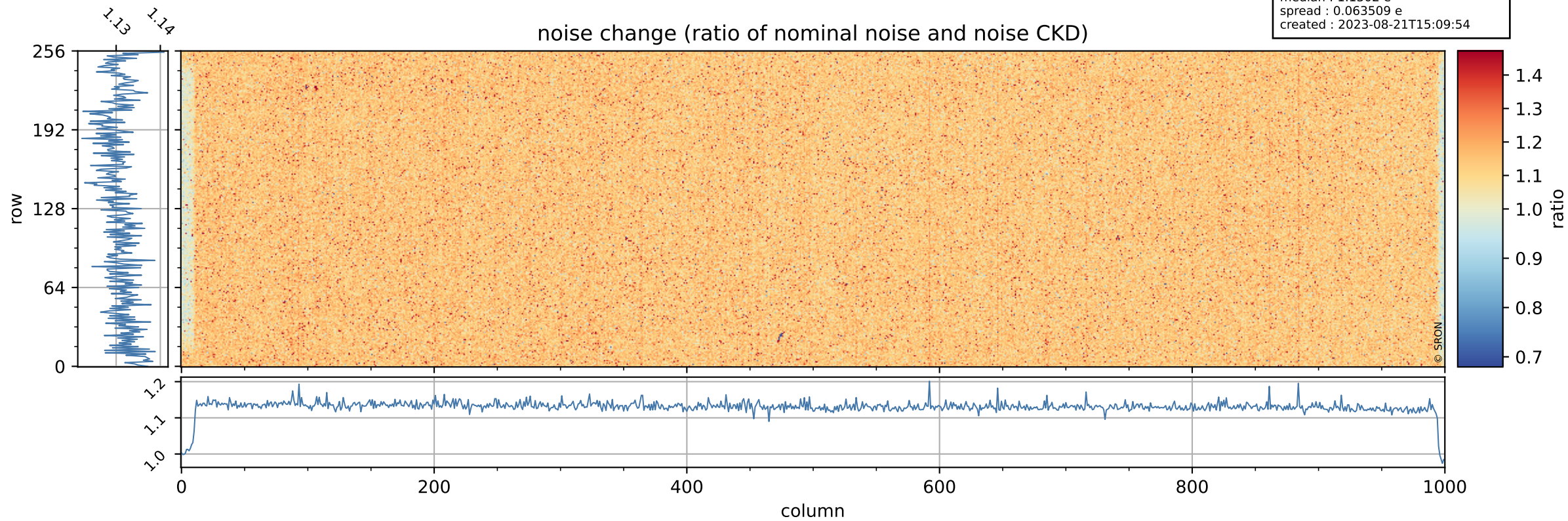
orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
median : 1.0034 e  
spread : 0.0088229 e  
created : 2023-08-21T15:09:53





# Tropomi SWIR background noise (swir)

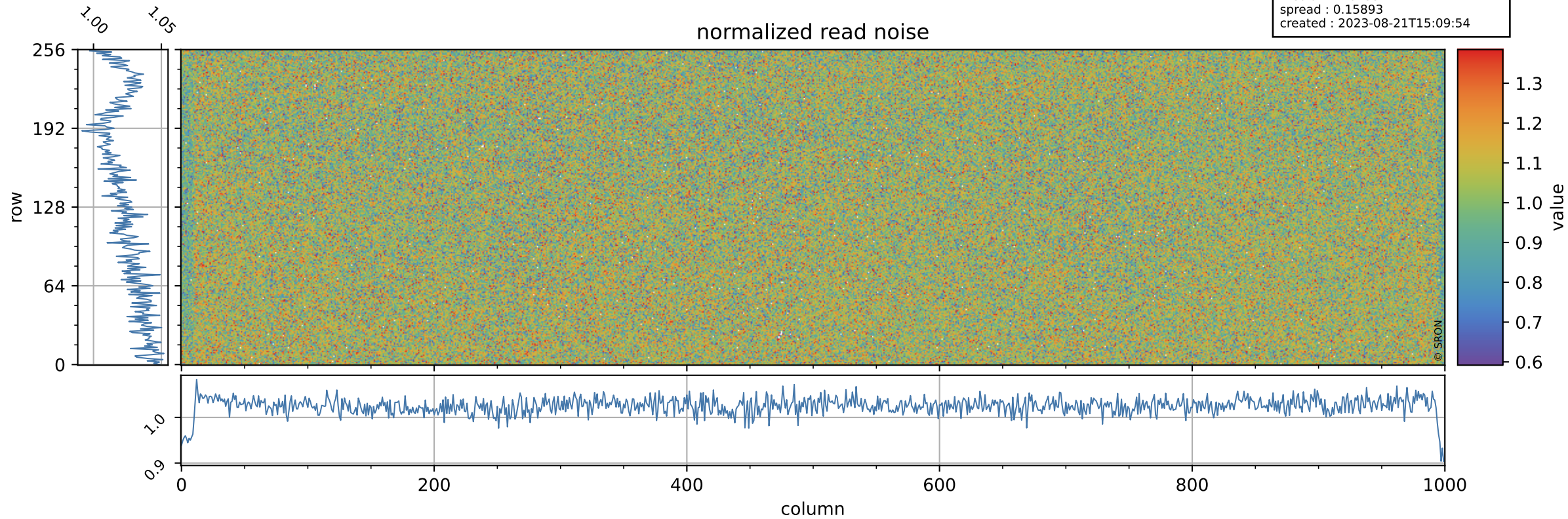
orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
median : 1.1302 e  
spread : 0.063509 e  
created : 2023-08-21T15:09:54





# Tropomi SWIR background noise (swir)

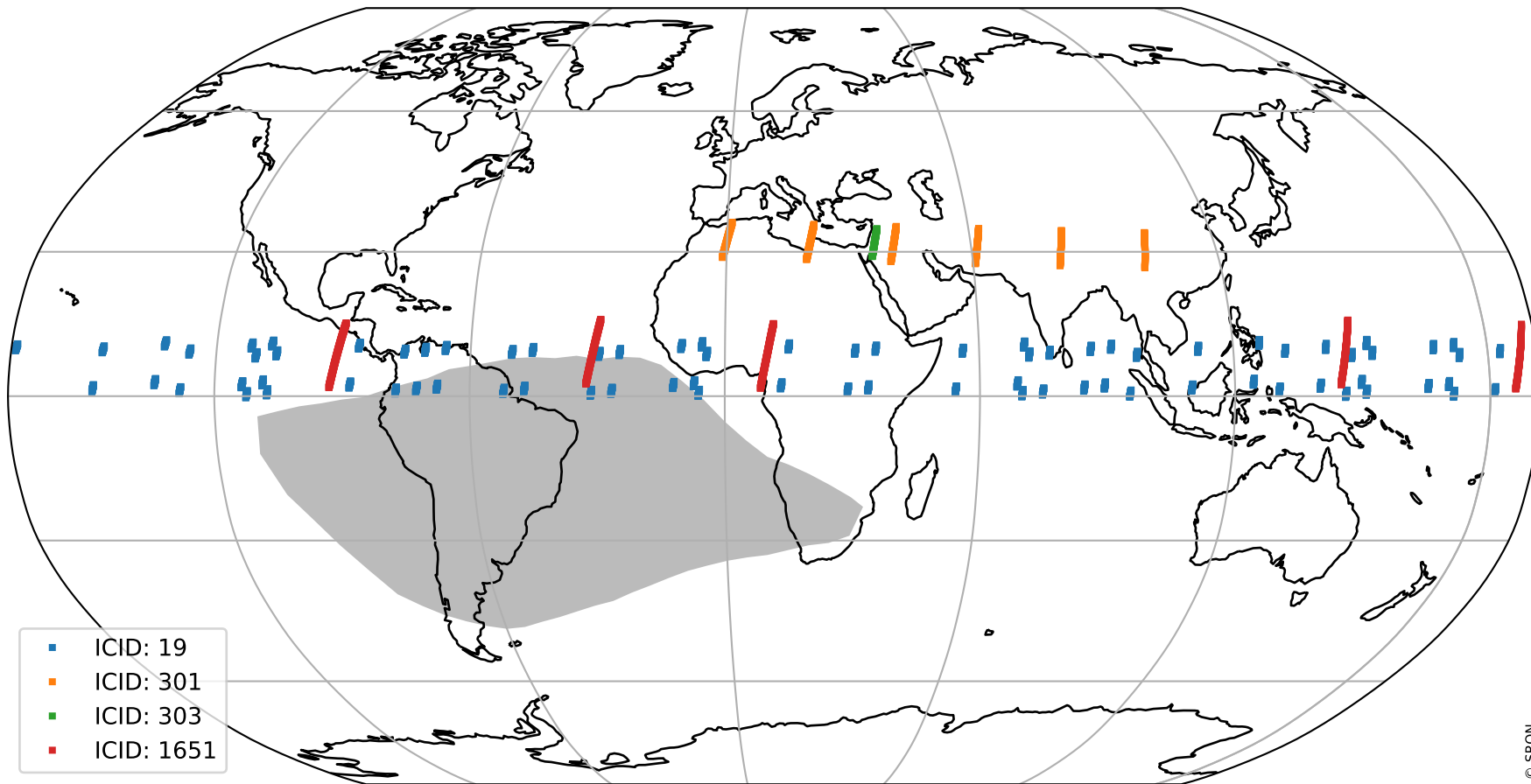
orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
median : 1.0233  
spread : 0.15893  
created : 2023-08-21T15:09:54





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

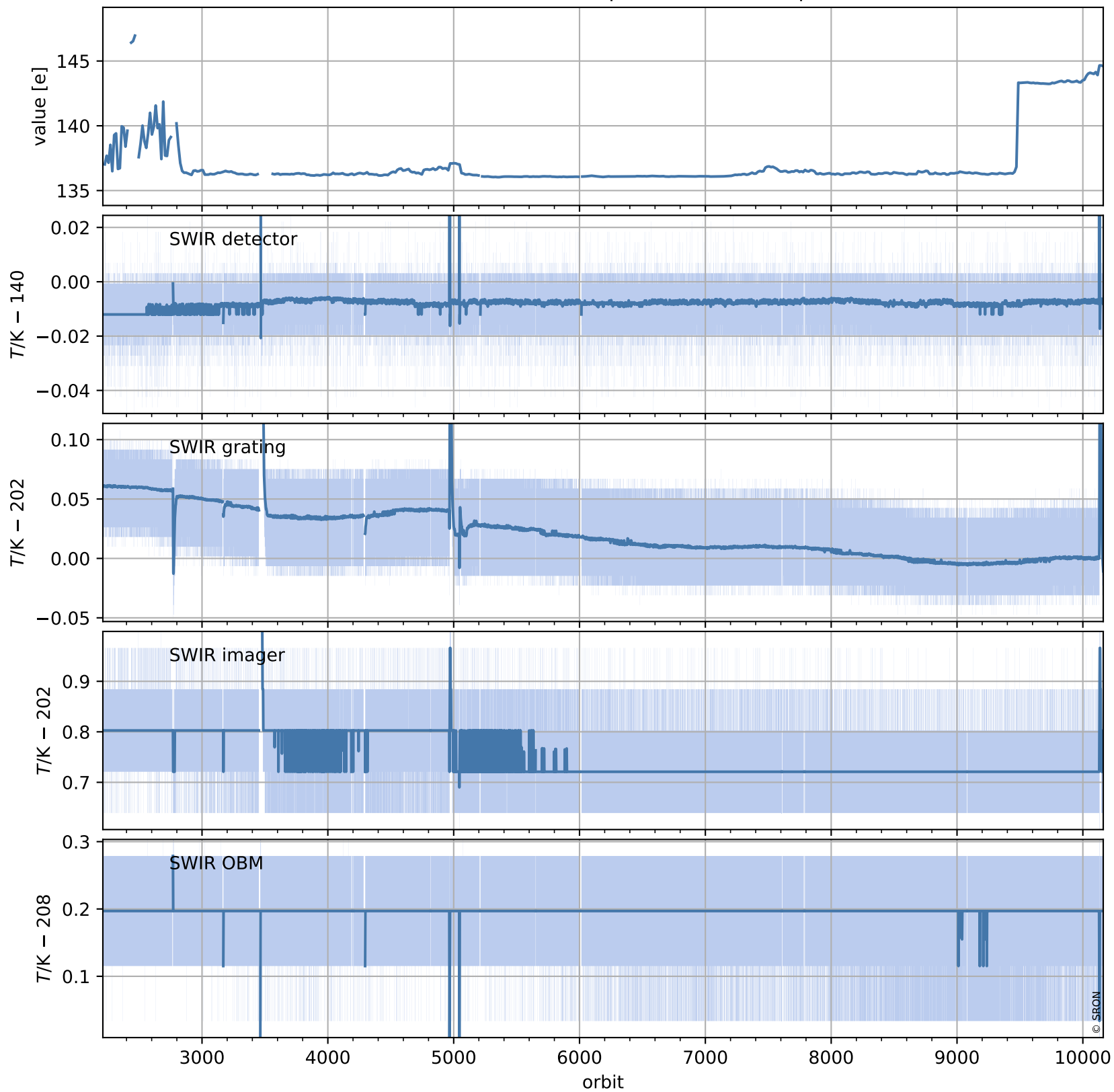
orbits : 12 in [10072, 10162]  
coverage : 2019-09-23 / 2019-09-29  
created : 2023-08-21T15:09:54



# Tropomi SWIR background noise (swir)

orbits : [2212, 10162]  
coverage : 2018-03-18 / 2019-09-29  
created : 2023-08-21T15:09:55

## trend of detector median of plain noise & temperatures

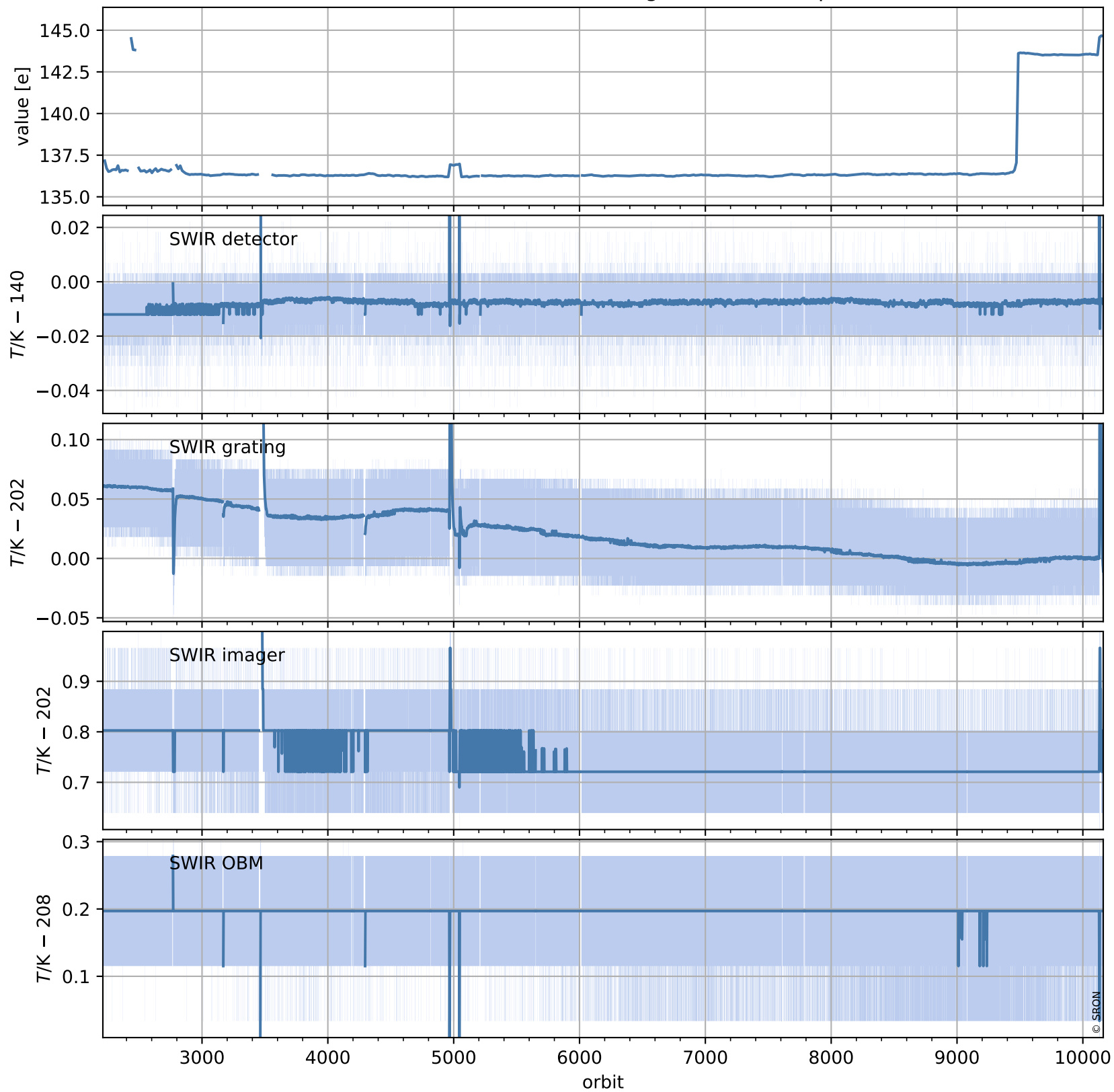




# Tropomi SWIR background noise (swir)

orbits : [2212, 10162]  
coverage : 2018-03-18 / 2019-09-29  
created : 2023-08-21T15:09:56

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10162]  
coverage : 2018-03-18 / 2019-09-29  
created : 2023-08-21T15:09:57

## trend of normalized read-noise & temperatures

