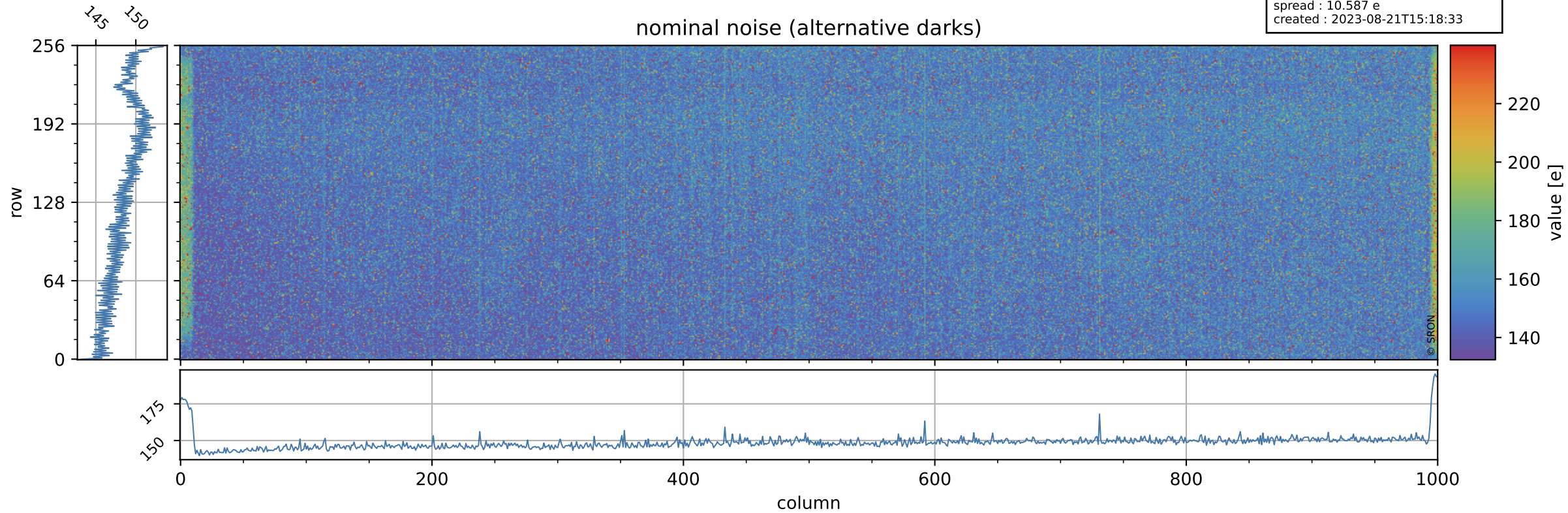


# Tropomi SWIR background noise (swir)

orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
n\_coad, t\_exp : 1, 1.0783  
median : 148.4 e  
spread : 10.587 e  
created : 2023-08-21T15:18:33

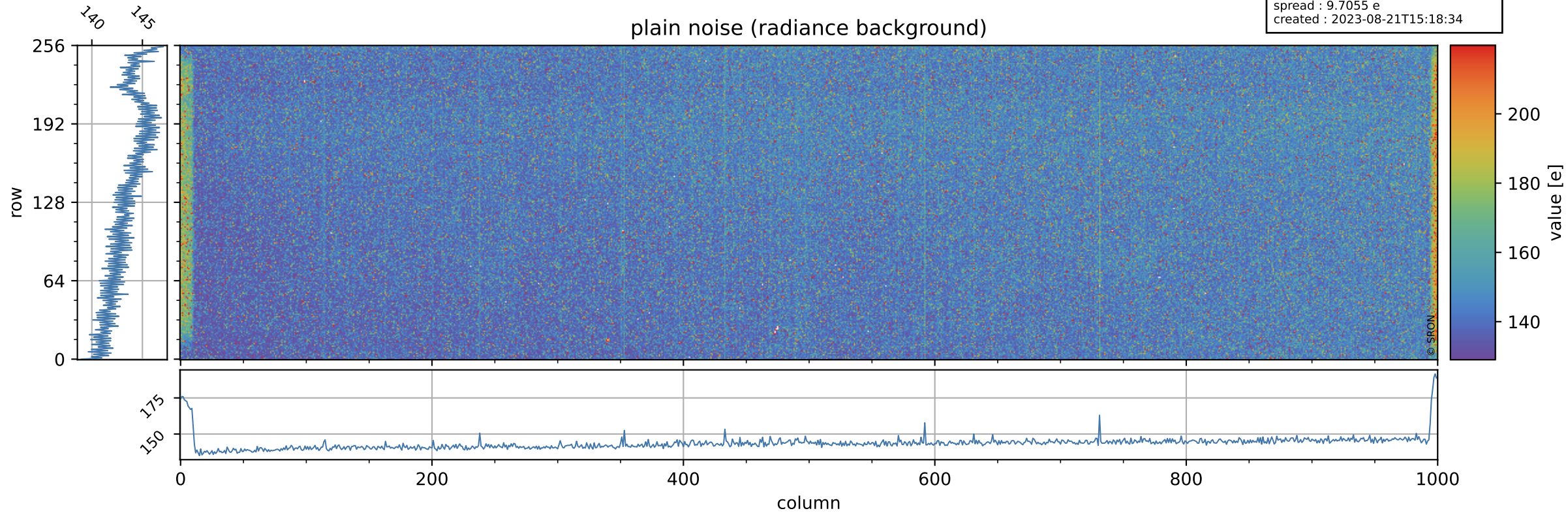
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.37 e  
spread : 9.7055 e  
created : 2023-08-21T15:18:34

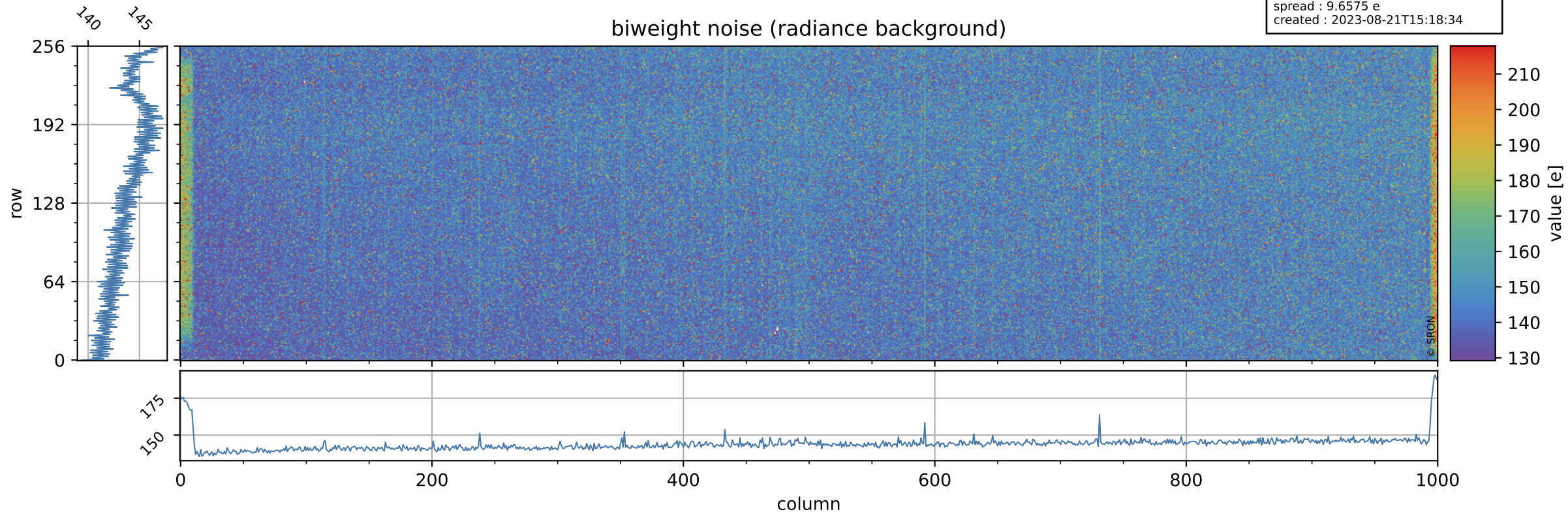
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
n\_coad, t\_exp : 1, 0.8383  
median : 143.69 e  
spread : 9.6575 e  
created : 2023-08-21T15:18:34

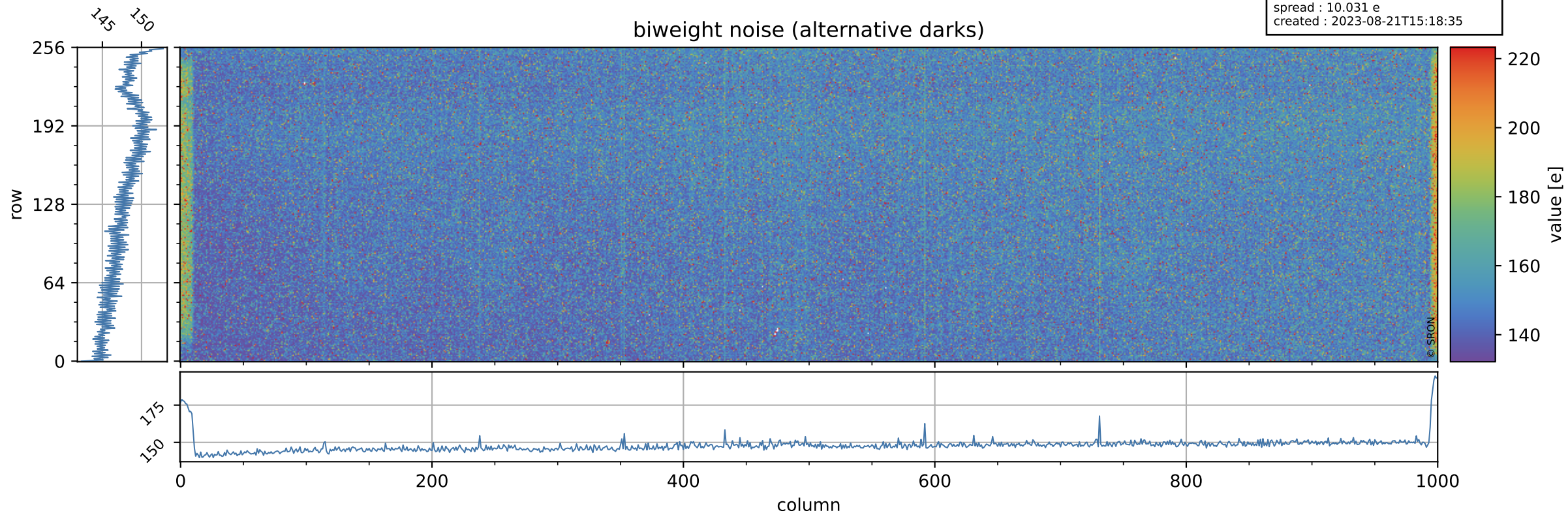
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
n\_coad, t\_exp : 1, 1.0783  
median : 147.63 e  
spread : 10.031 e  
created : 2023-08-21T15:18:35

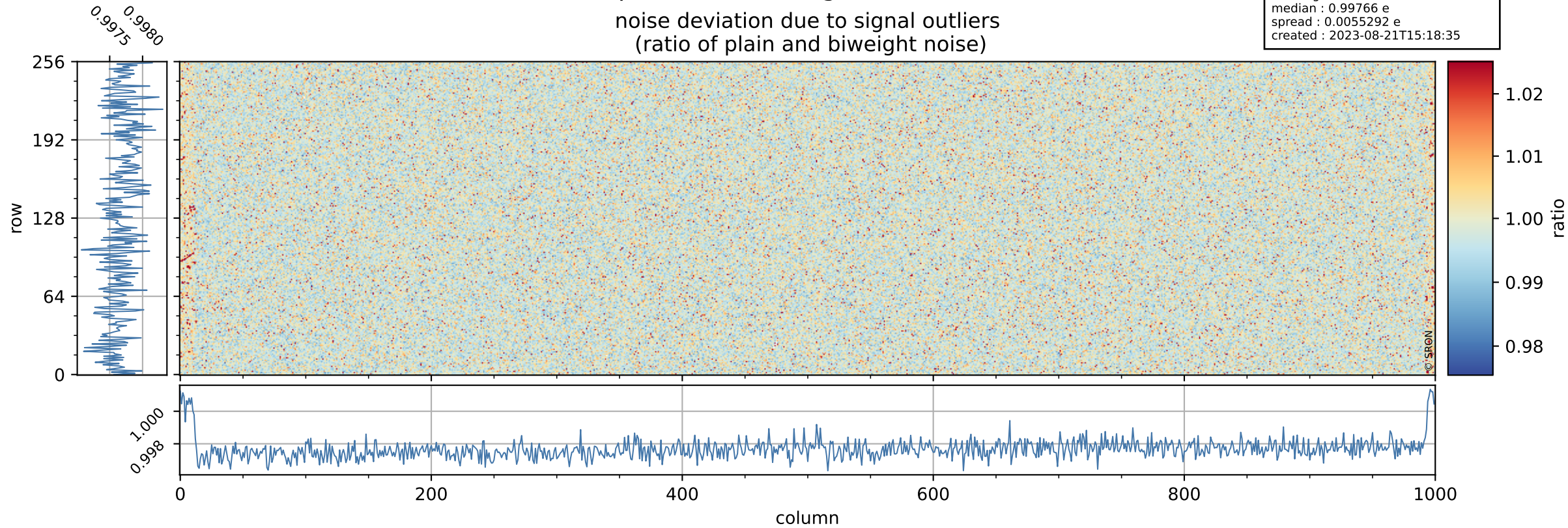
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

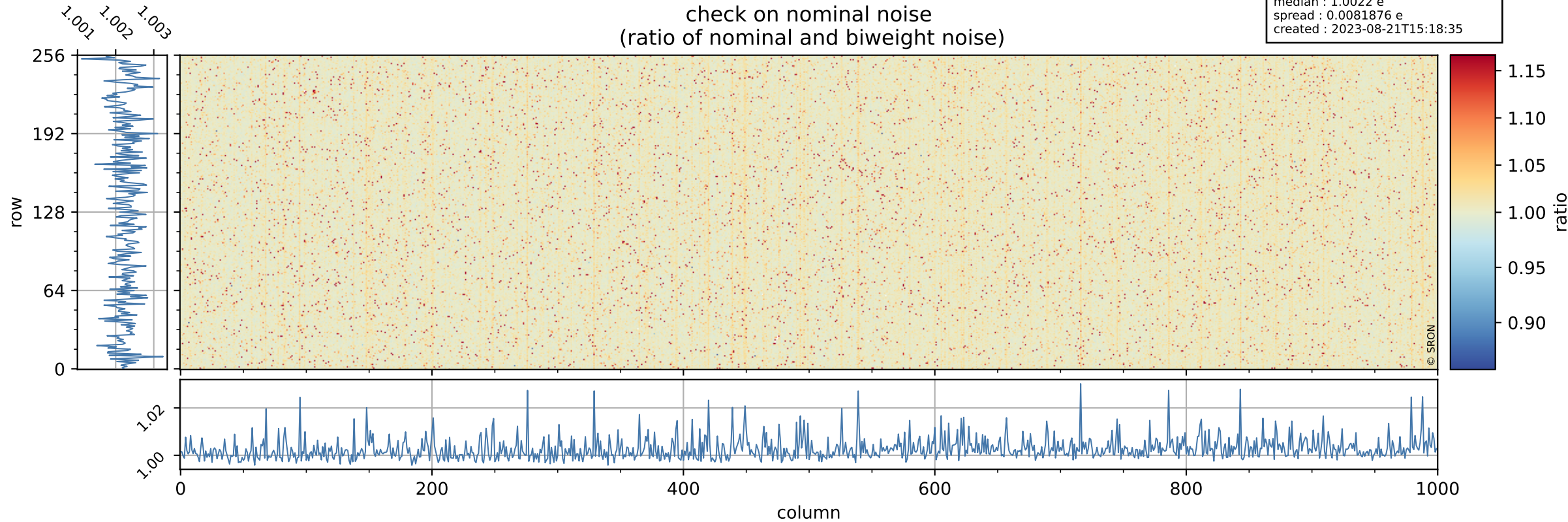
orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
median : 0.99766 e  
spread : 0.0055292 e  
created : 2023-08-21T15:18:35



# Tropomi SWIR background noise (swir)

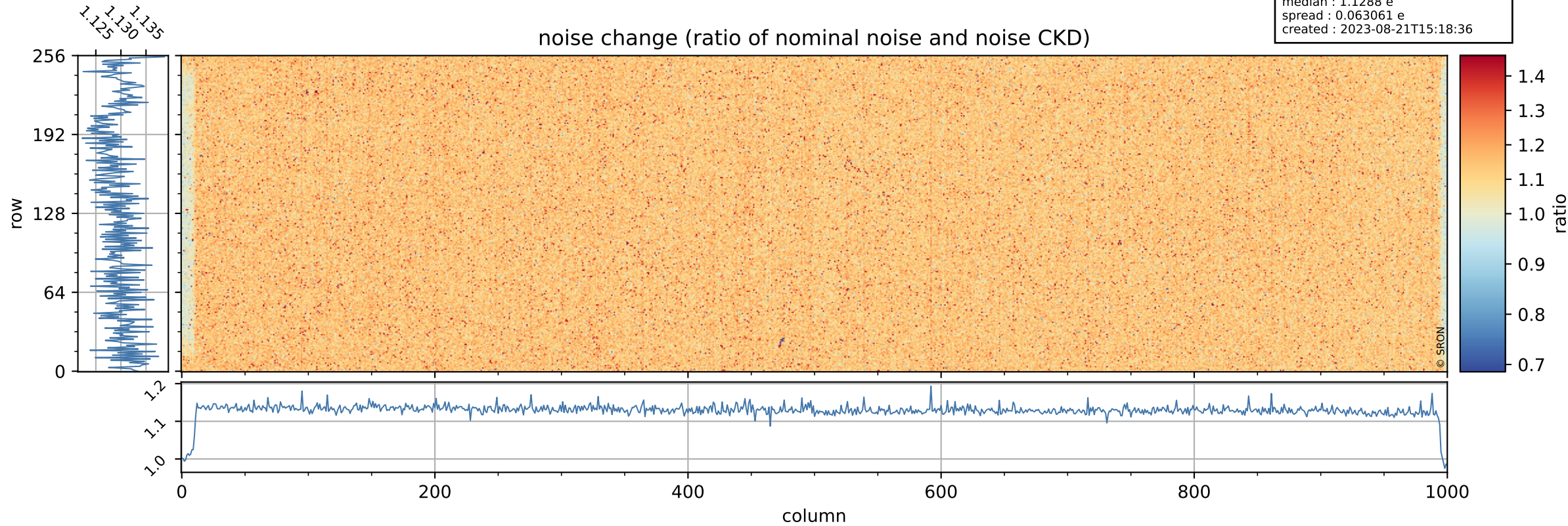
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
median : 1.0022 e  
spread : 0.0081876 e  
created : 2023-08-21T15:18:35



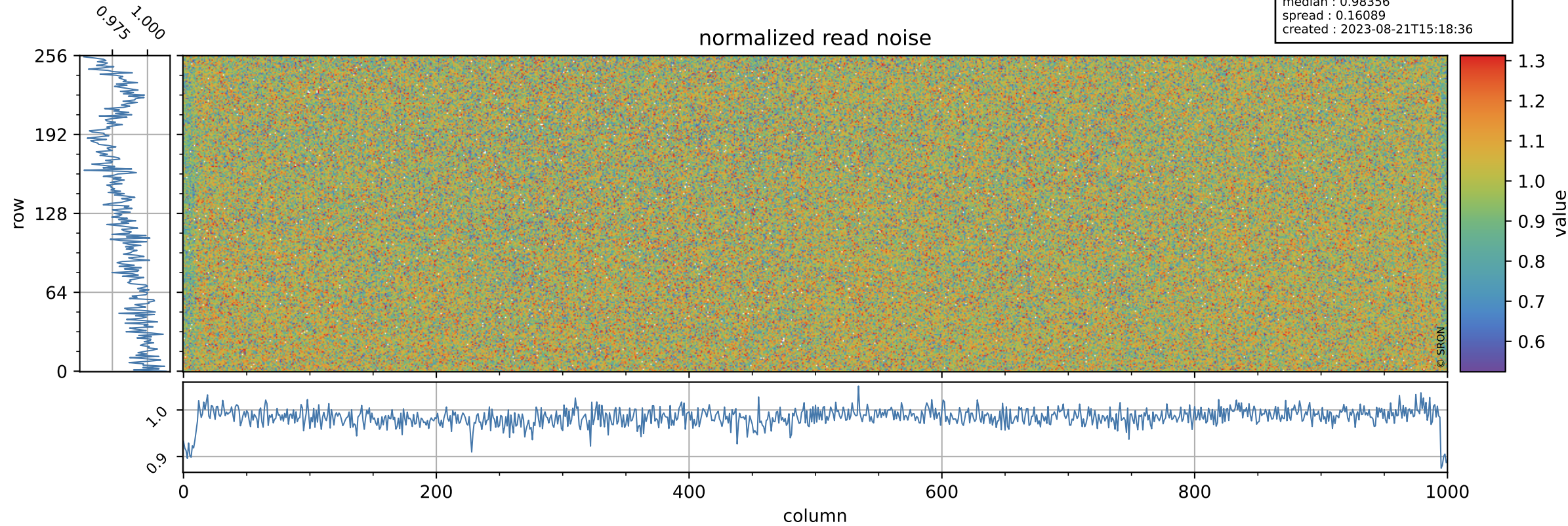
# Tropomi SWIR background noise (swir)

orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
median : 1.1288 e  
spread : 0.063061 e  
created : 2023-08-21T15:18:36



# Tropomi SWIR background noise (swir)

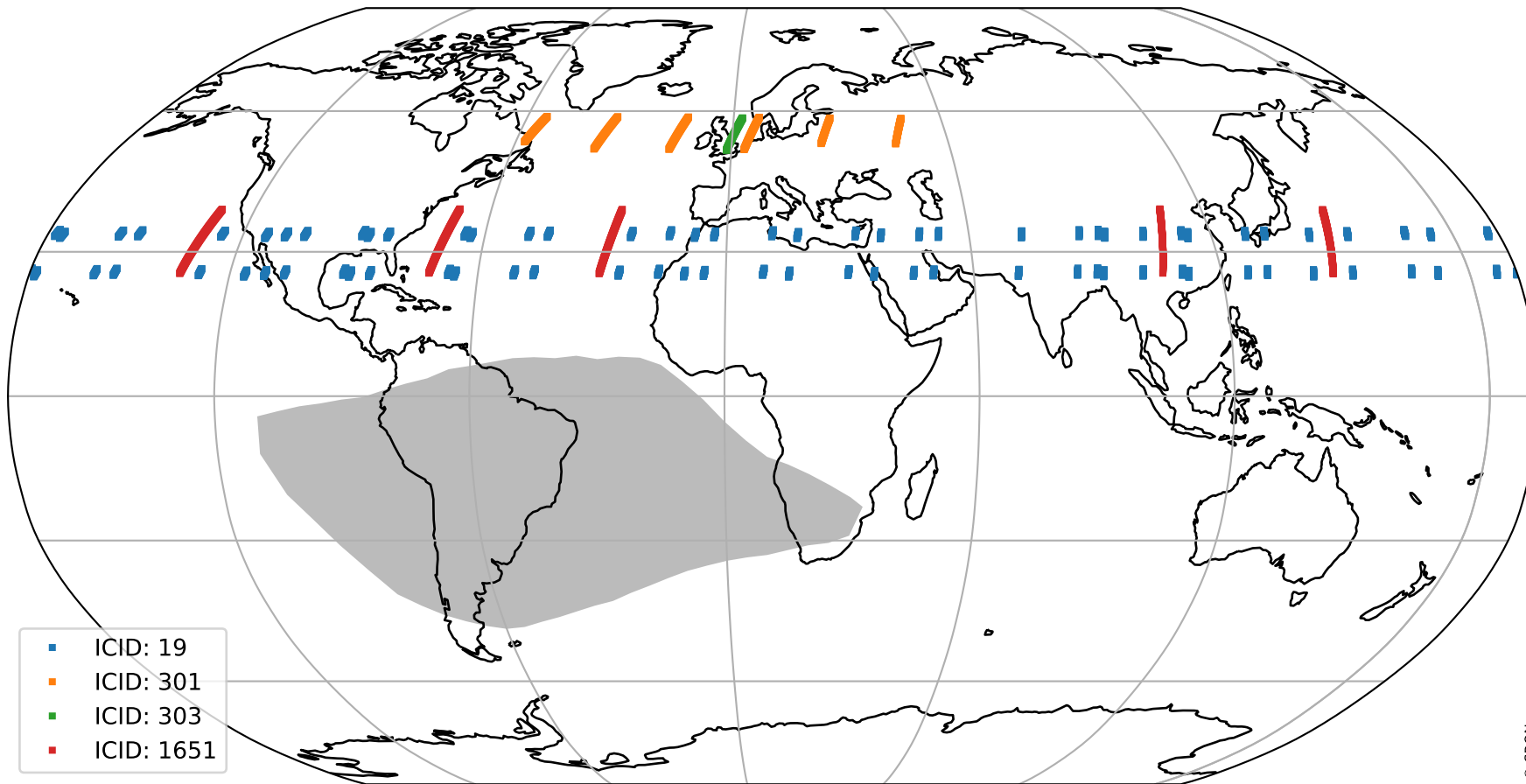
orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
median : 0.98356  
spread : 0.16089  
created : 2023-08-21T15:18:36





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

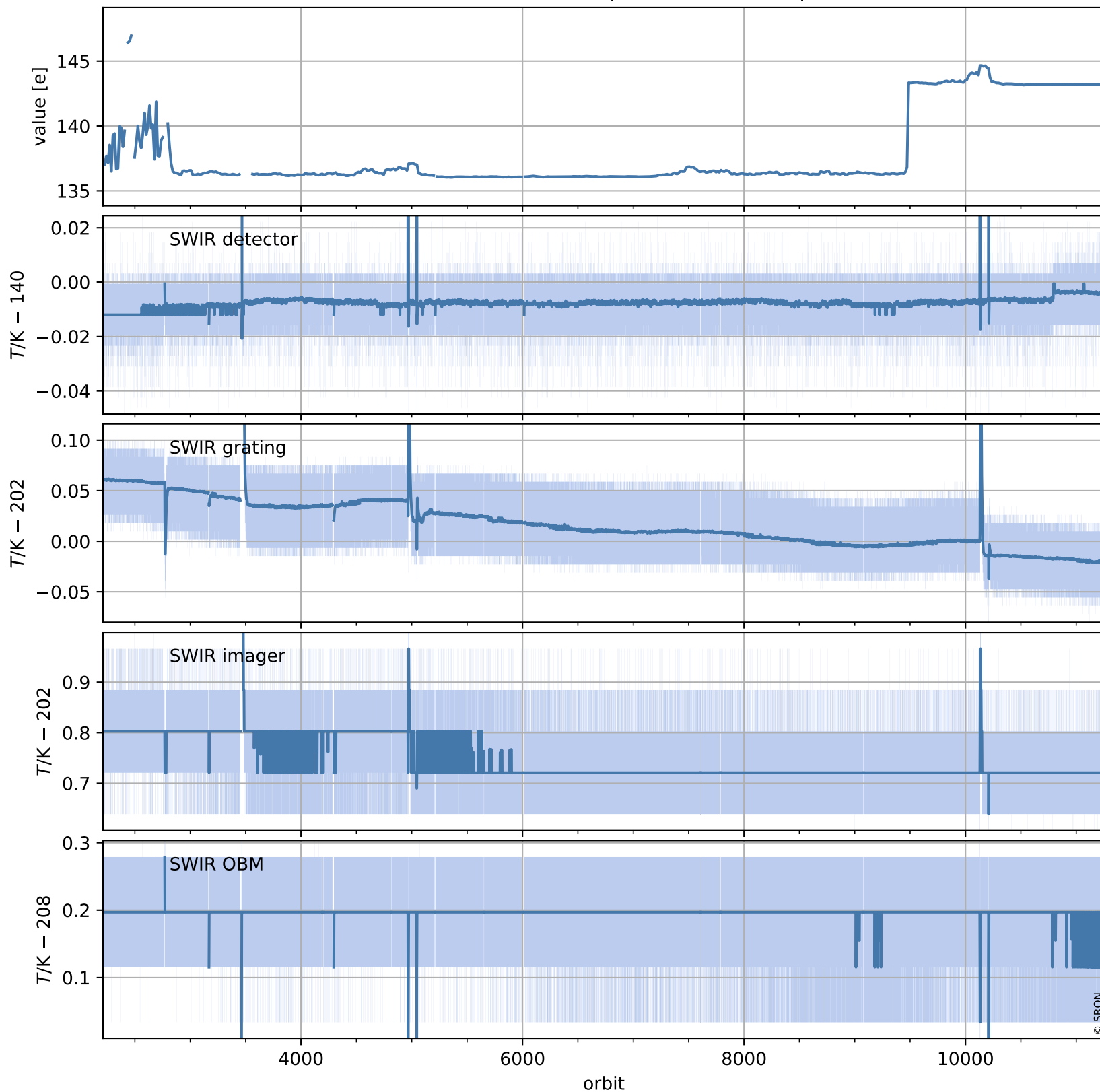
orbits : 12 in [11182, 11257]  
coverage : 2019-12-09 / 2019-12-15  
created : 2023-08-21T15:18:36



# Tropomi SWIR background noise (swir)

orbits : [2212, 11257]  
coverage : 2018-03-18 / 2019-12-15  
created : 2023-08-21T15:18:37

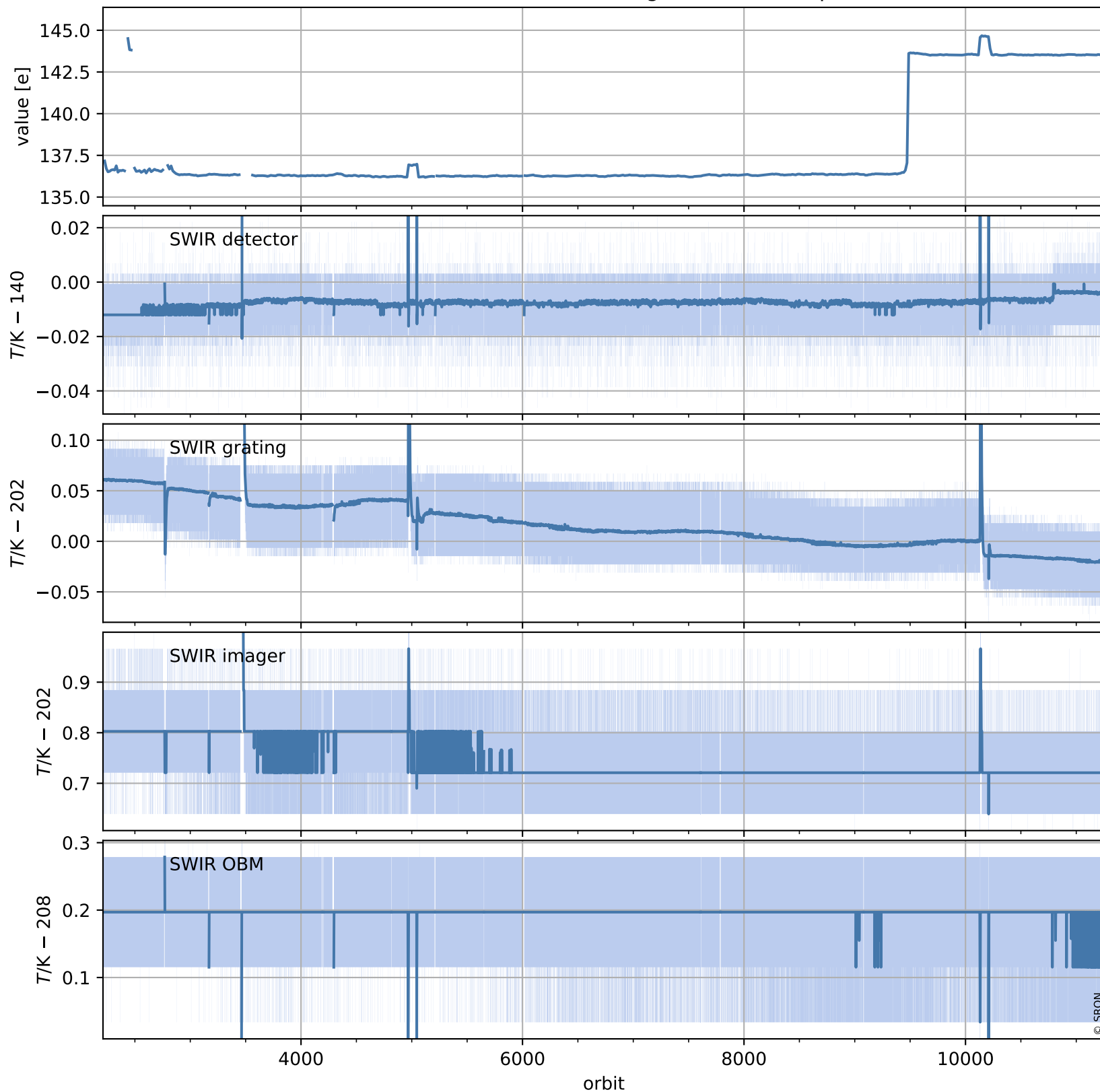
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11257]  
coverage : 2018-03-18 / 2019-12-15  
created : 2023-08-21T15:18:37

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11257]  
coverage : 2018-03-18 / 2019-12-15  
created : 2023-08-21T15:18:38

## trend of normalized read-noise & temperatures

