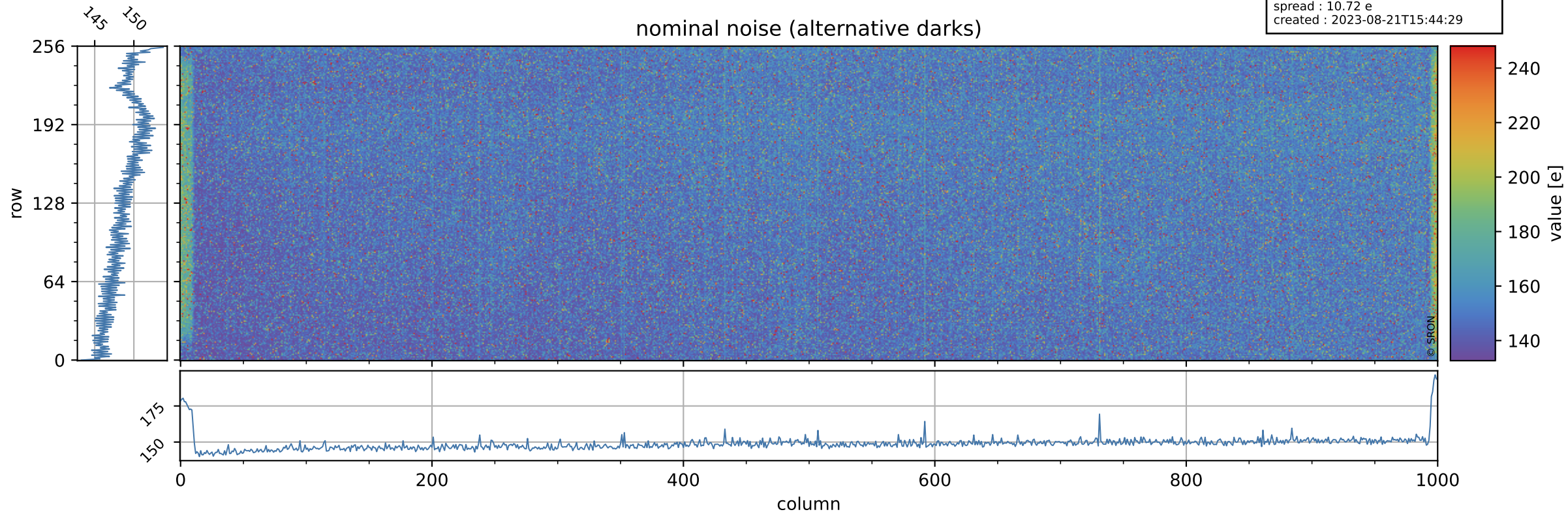


# Tropomi SWIR background noise (swir)

orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.64 e  
spread : 10.72 e  
created : 2023-08-21T15:44:29

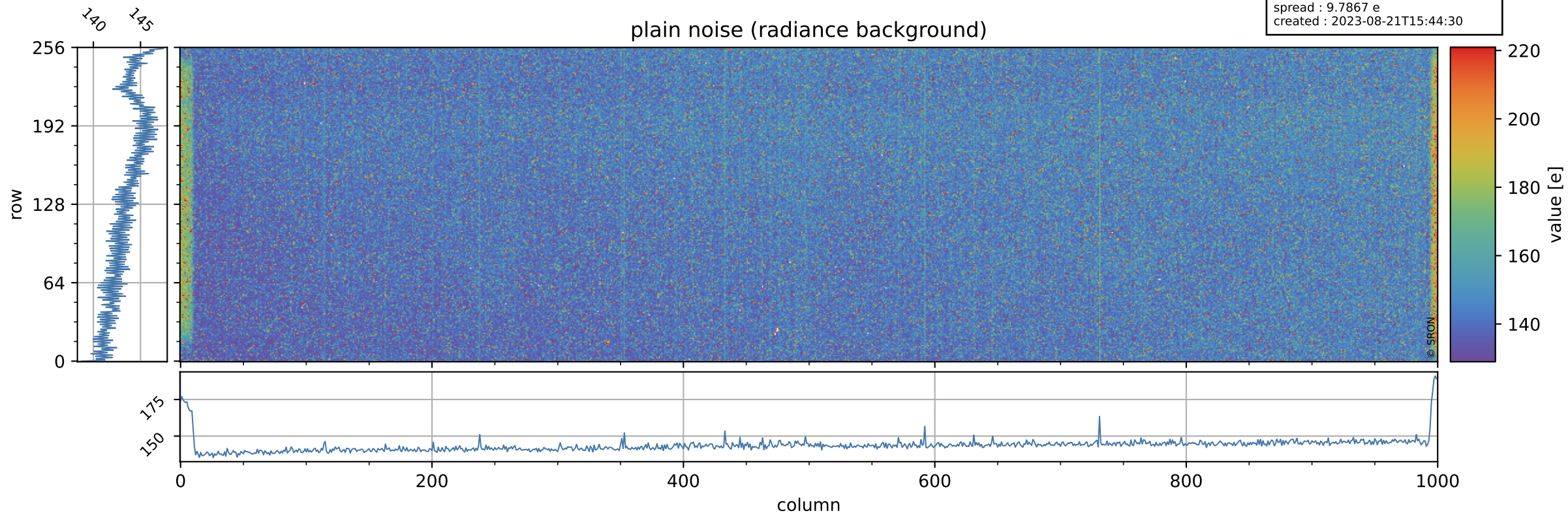
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.41 e  
spread : 9.7867 e  
created : 2023-08-21T15:44:30

plain noise (radiance background)

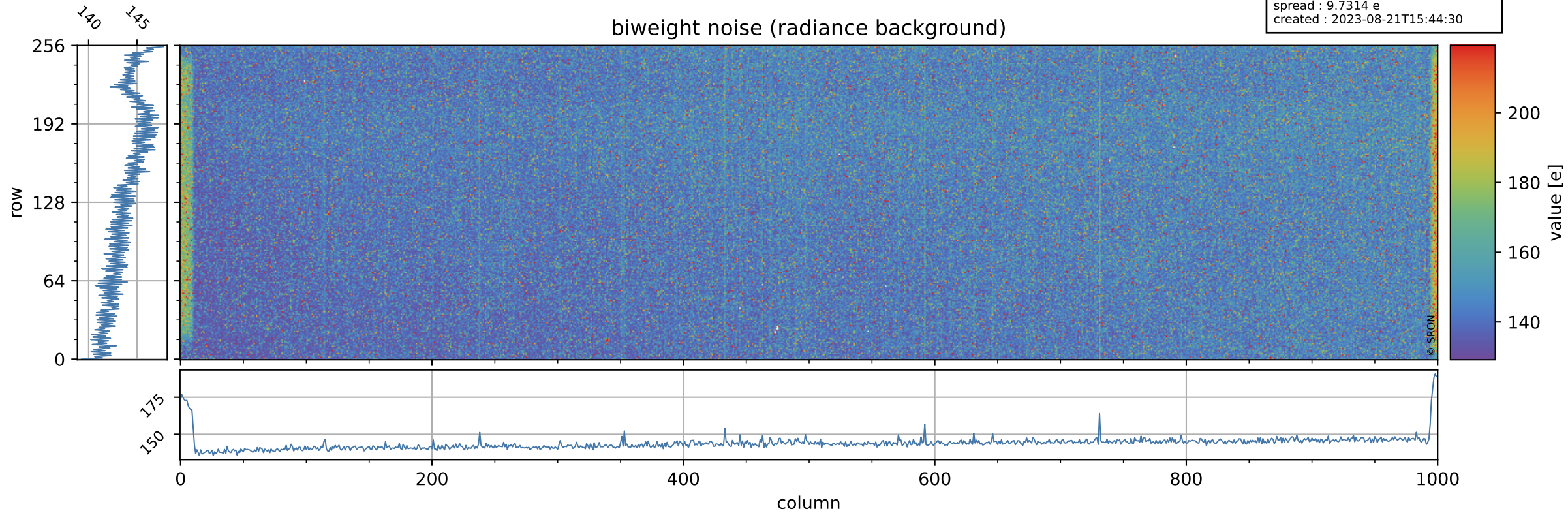




# Tropomi SWIR background noise (swir)

orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.73 e  
spread : 9.7314 e  
created : 2023-08-21T15:44:30

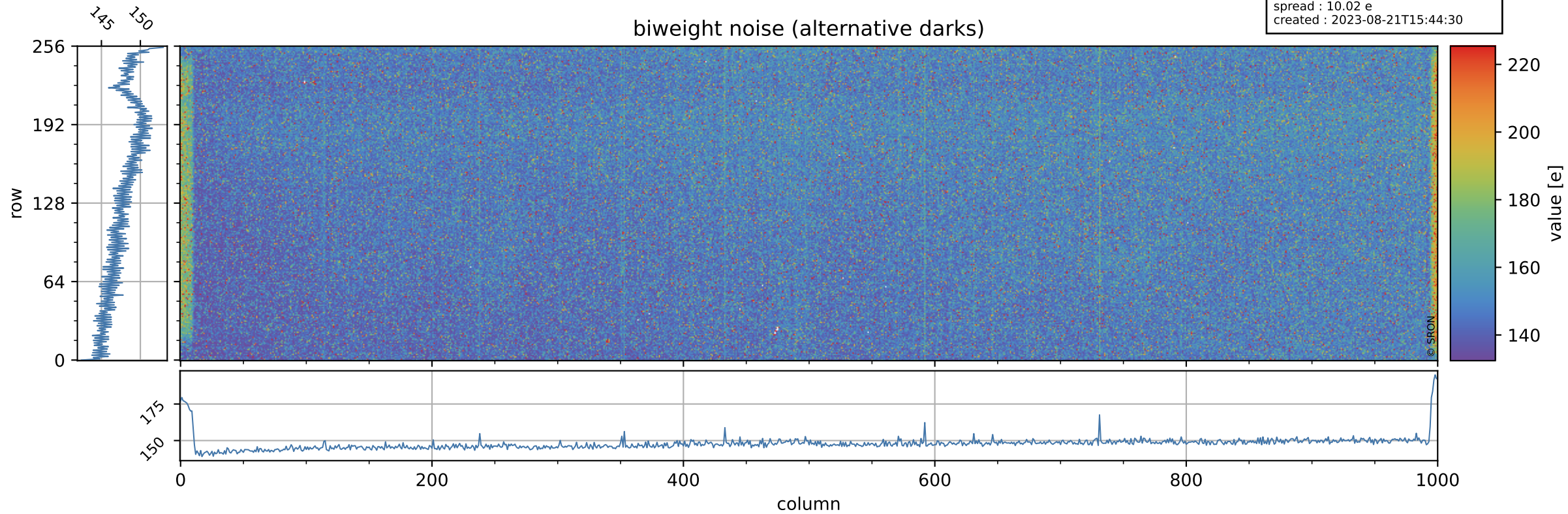
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.69 e  
spread : 10.02 e  
created : 2023-08-21T15:44:30

## biweight noise (alternative darks)

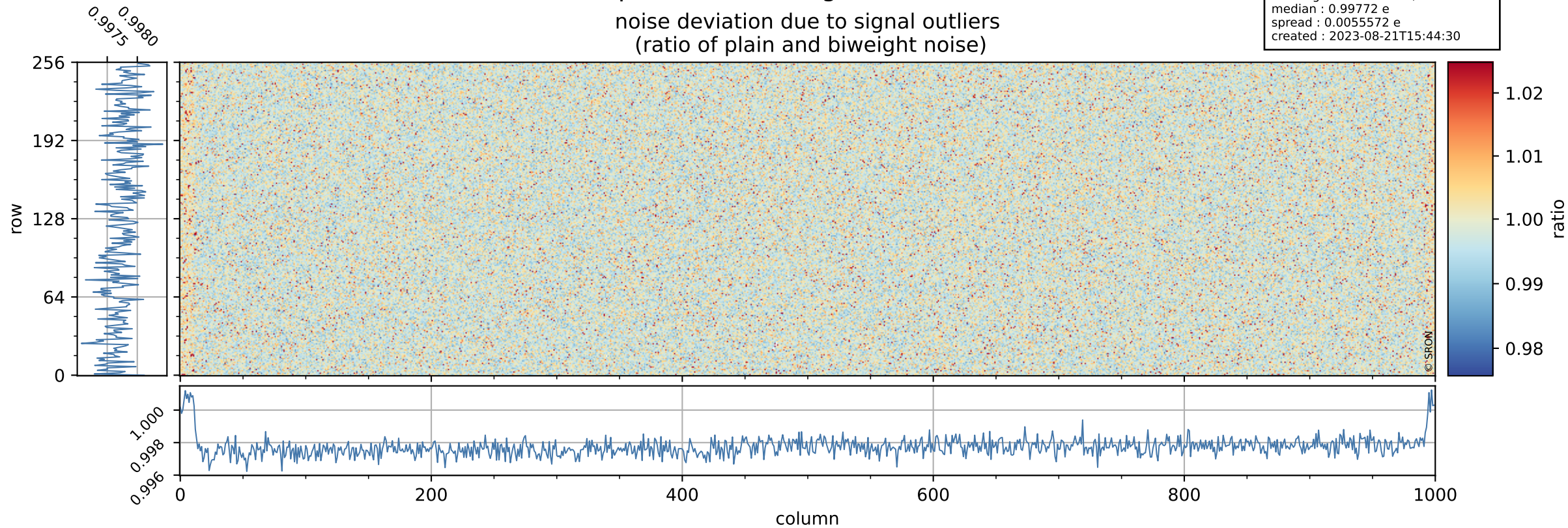




# Tropomi SWIR background noise (swir)

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

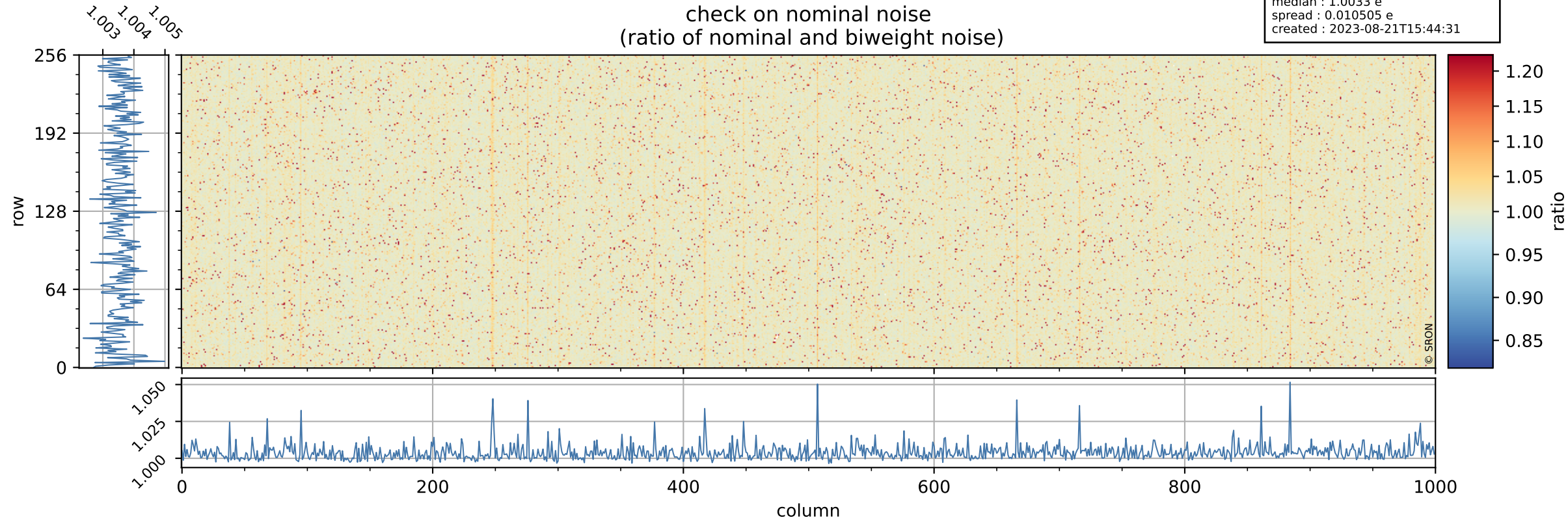
orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
median : 0.99772 e  
spread : 0.0055572 e  
created : 2023-08-21T15:44:30



# Tropomi SWIR background noise (swir)

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

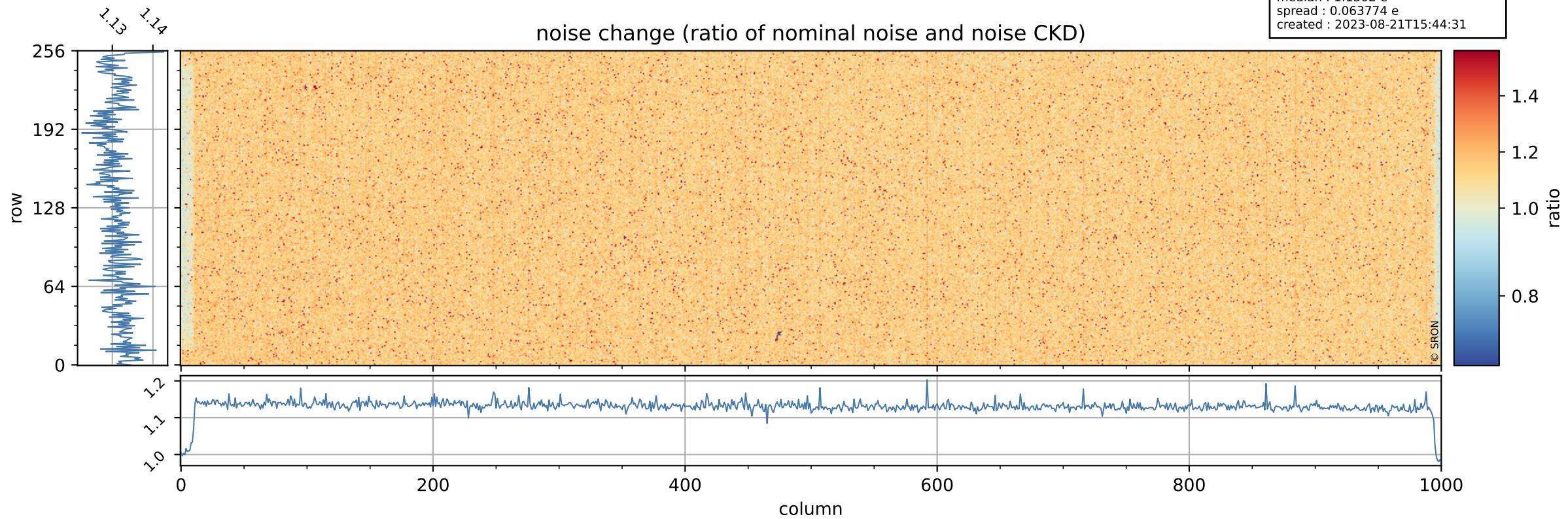
orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
median : 1.0033 e  
spread : 0.010505 e  
created : 2023-08-21T15:44:31





# Tropomi SWIR background noise (swir)

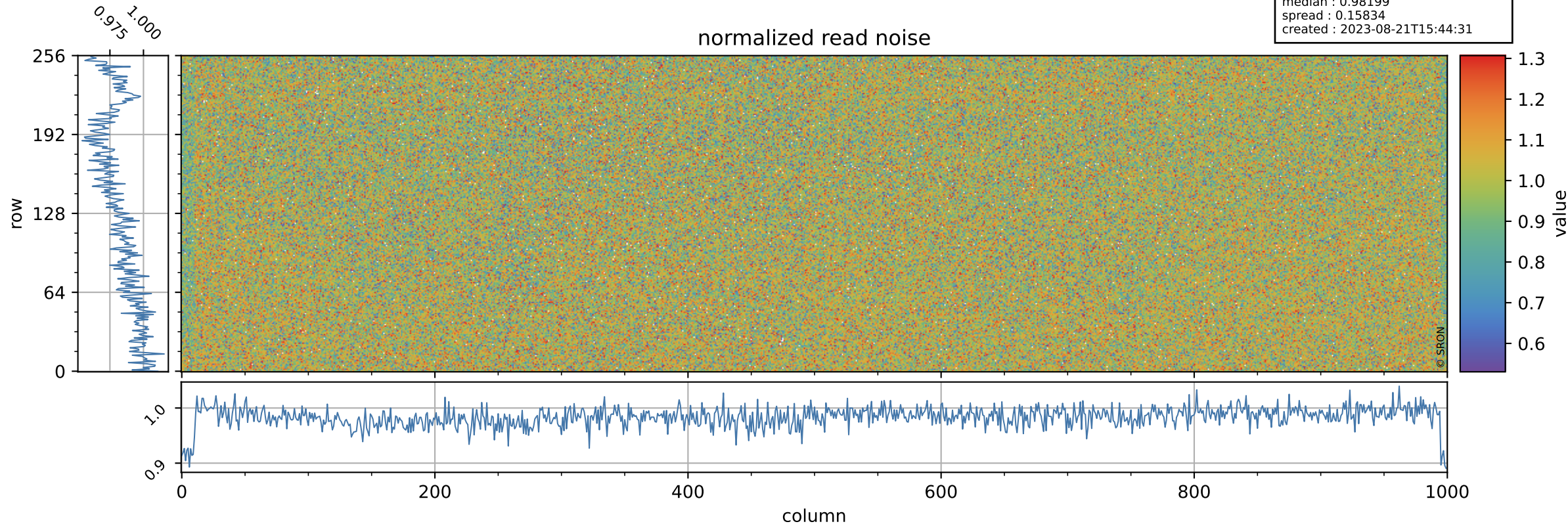
orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
median : 1.1302 e  
spread : 0.063774 e  
created : 2023-08-21T15:44:31





# Tropomi SWIR background noise (swir)

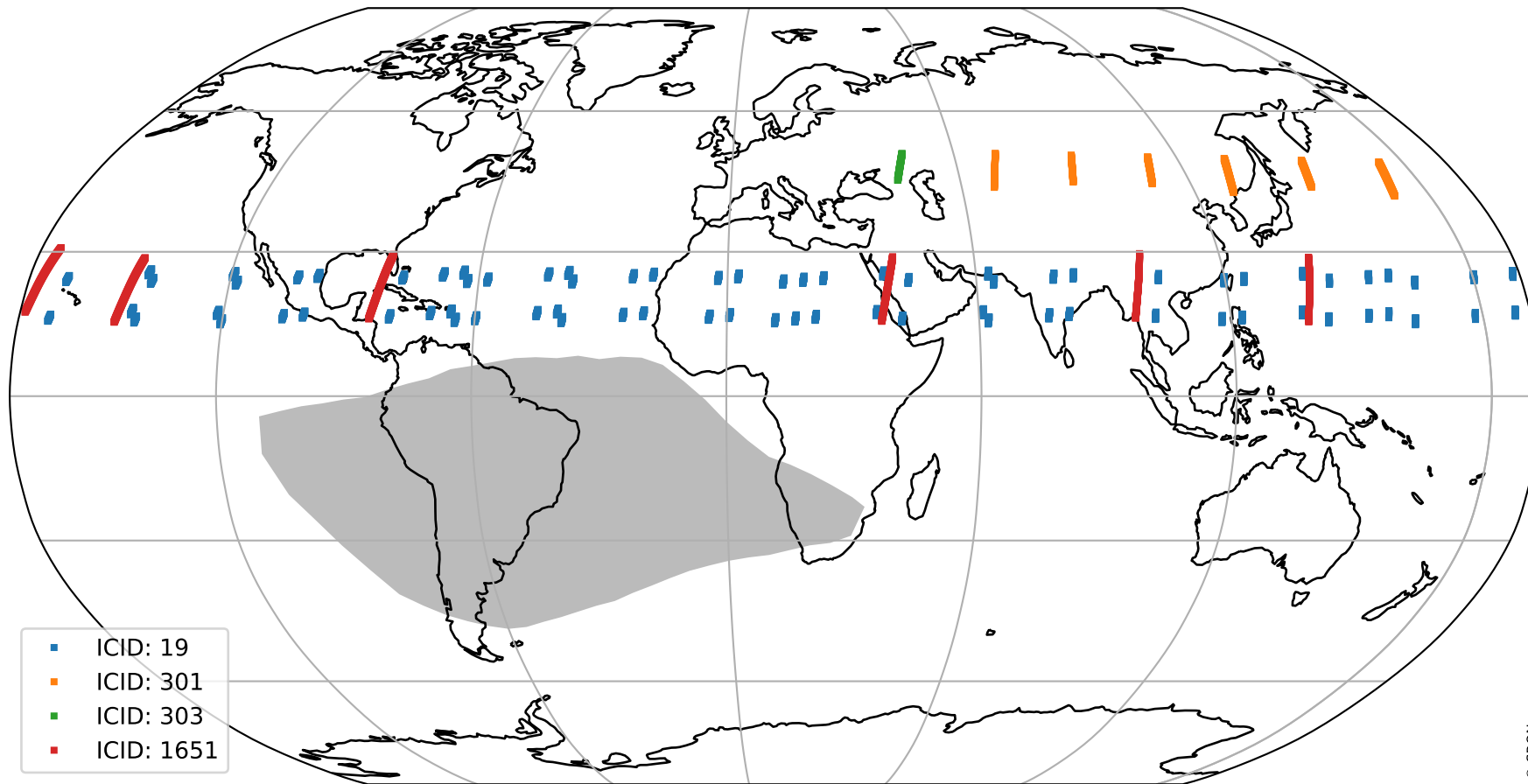
orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
median : 0.98199  
spread : 0.15834  
created : 2023-08-21T15:44:31





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

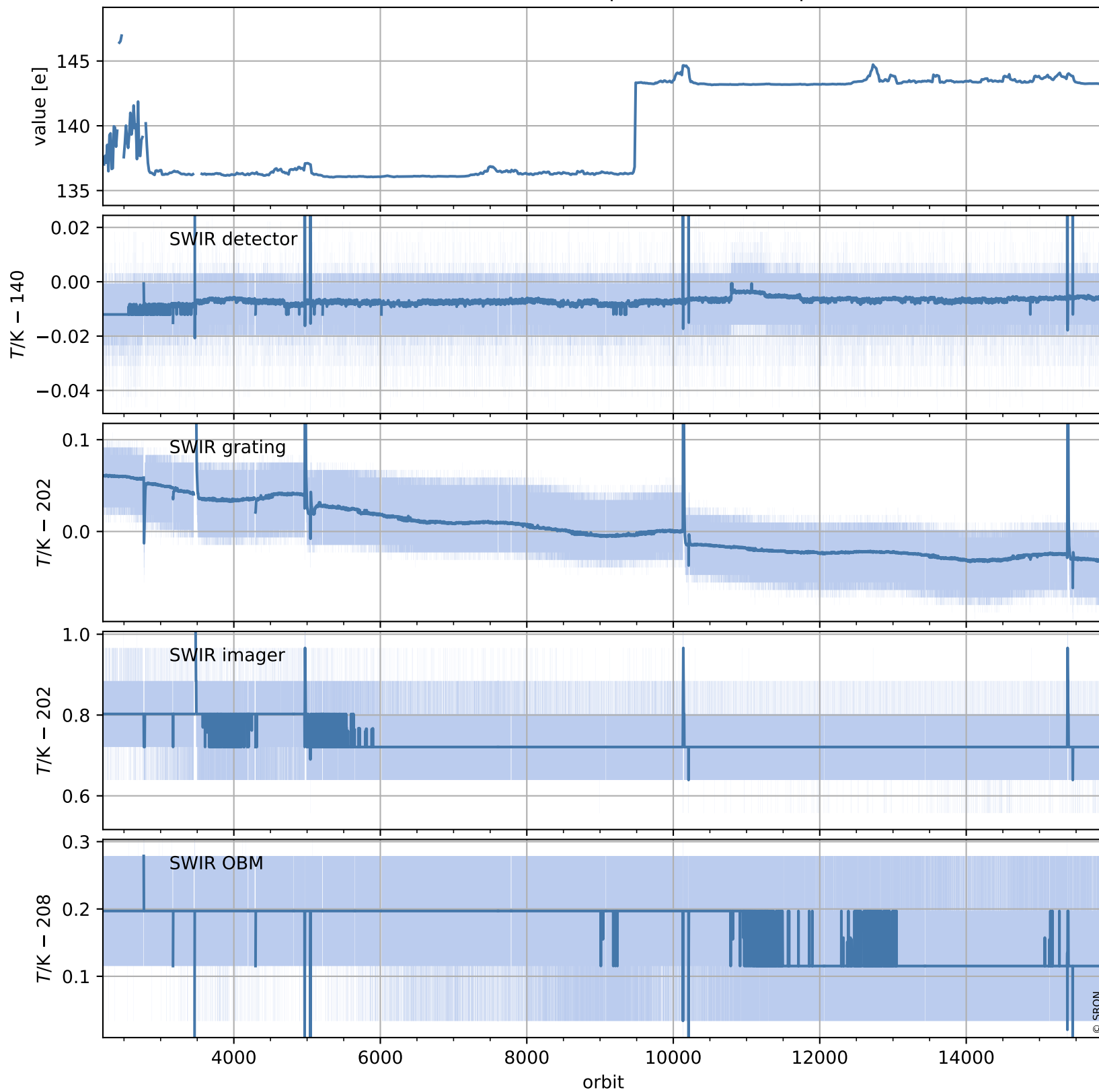
orbits : 13 in [15787, 15877]  
coverage : 2020-10-30 / 2020-11-05  
created : 2023-08-21T15:44:31



# Tropomi SWIR background noise (swir)

orbits : [2212, 15877]  
coverage : 2018-03-18 / 2020-11-05  
created : 2023-08-21T15:44:32

## trend of detector median of plain noise & temperatures

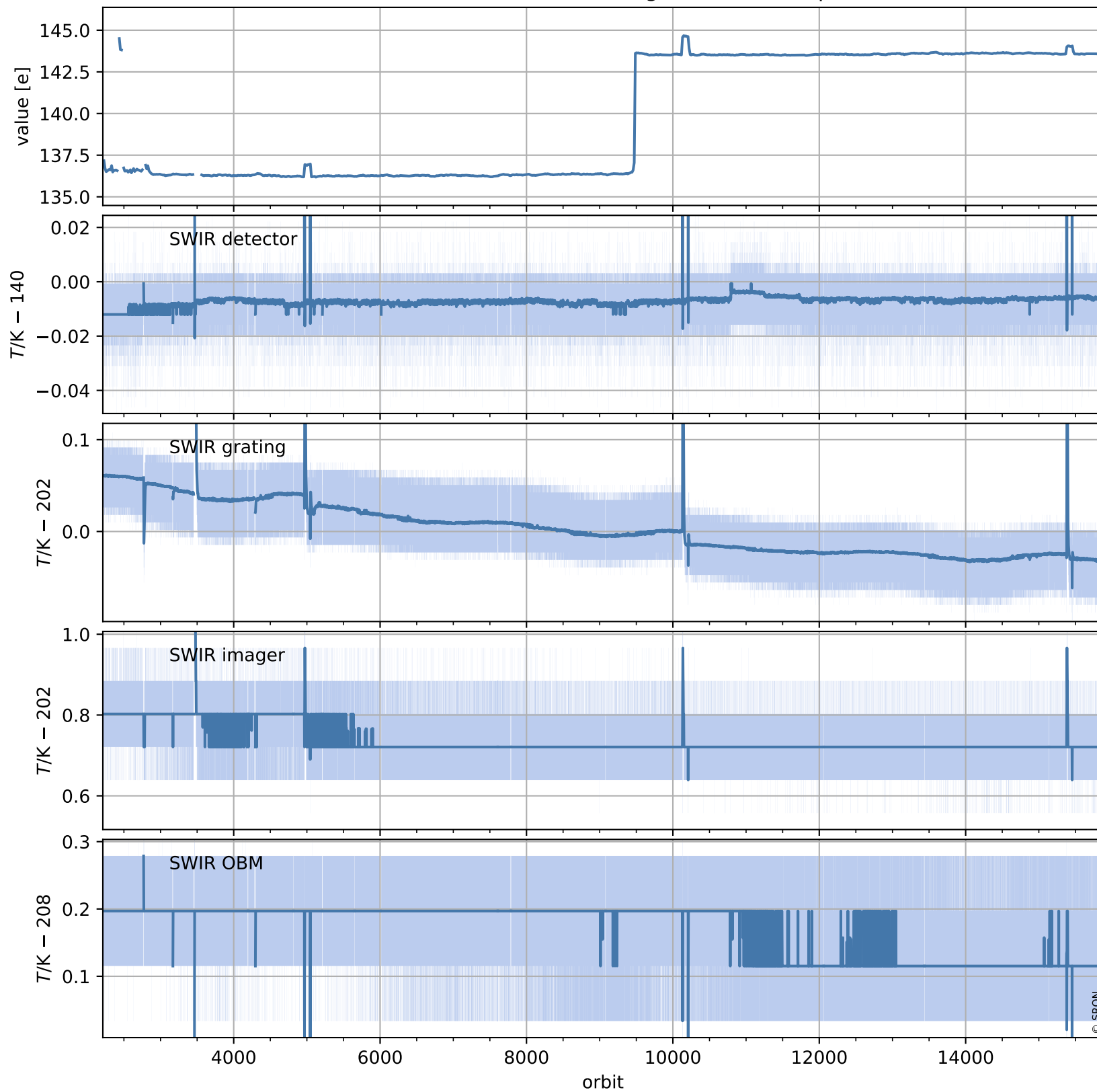




# Tropomi SWIR background noise (swir)

orbits : [2212, 15877]  
coverage : 2018-03-18 / 2020-11-05  
created : 2023-08-21T15:44:33

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15877]  
coverage : 2018-03-18 / 2020-11-05  
created : 2023-08-21T15:44:33

## trend of normalized read-noise & temperatures

