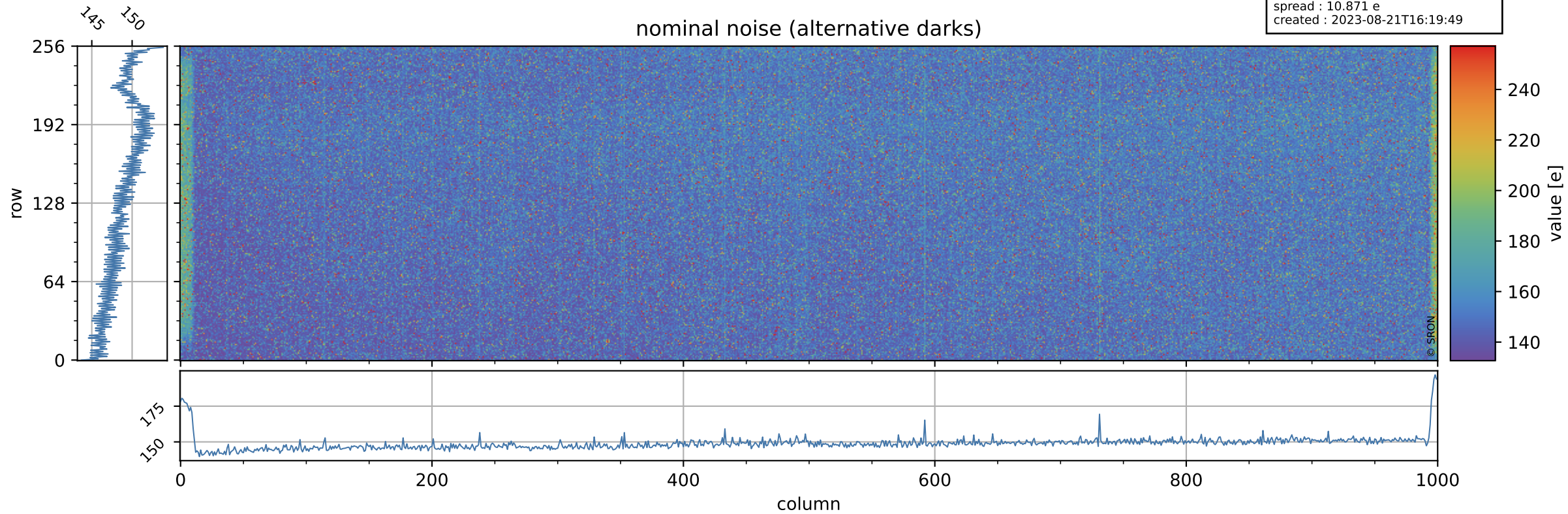


# Tropomi SWIR background noise (swir)

orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.73 e  
spread : 10.871 e  
created : 2023-08-21T16:19:49

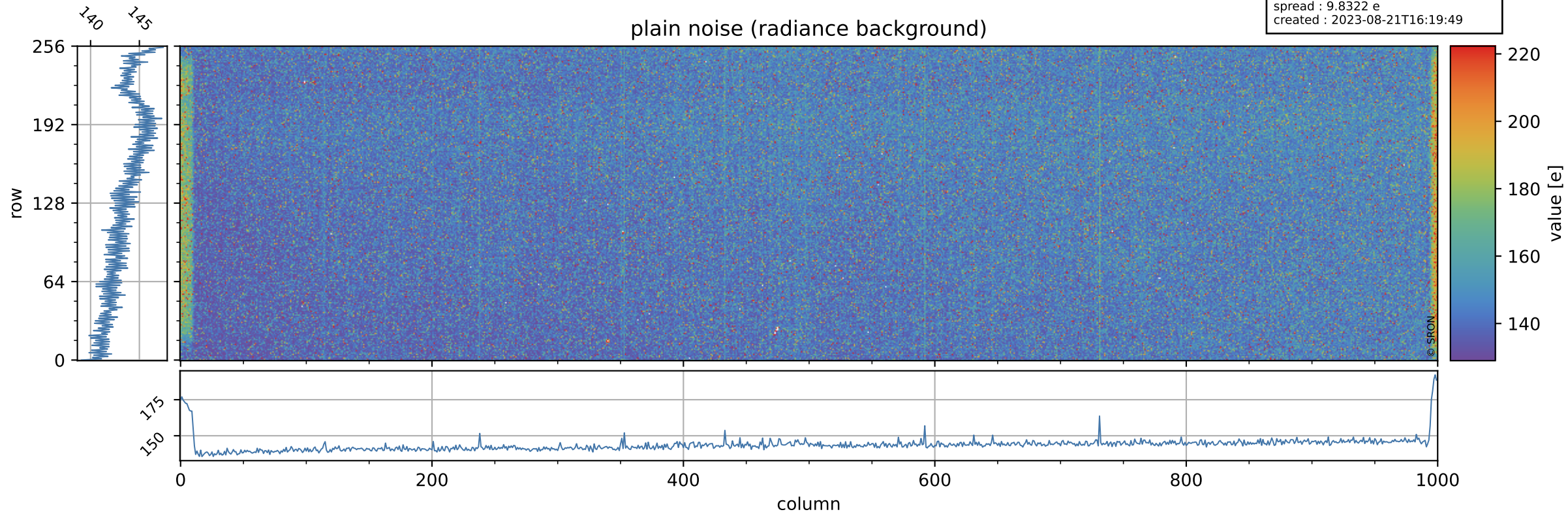
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.45 e  
spread : 9.8322 e  
created : 2023-08-21T16:19:49

## plain noise (radiance background)

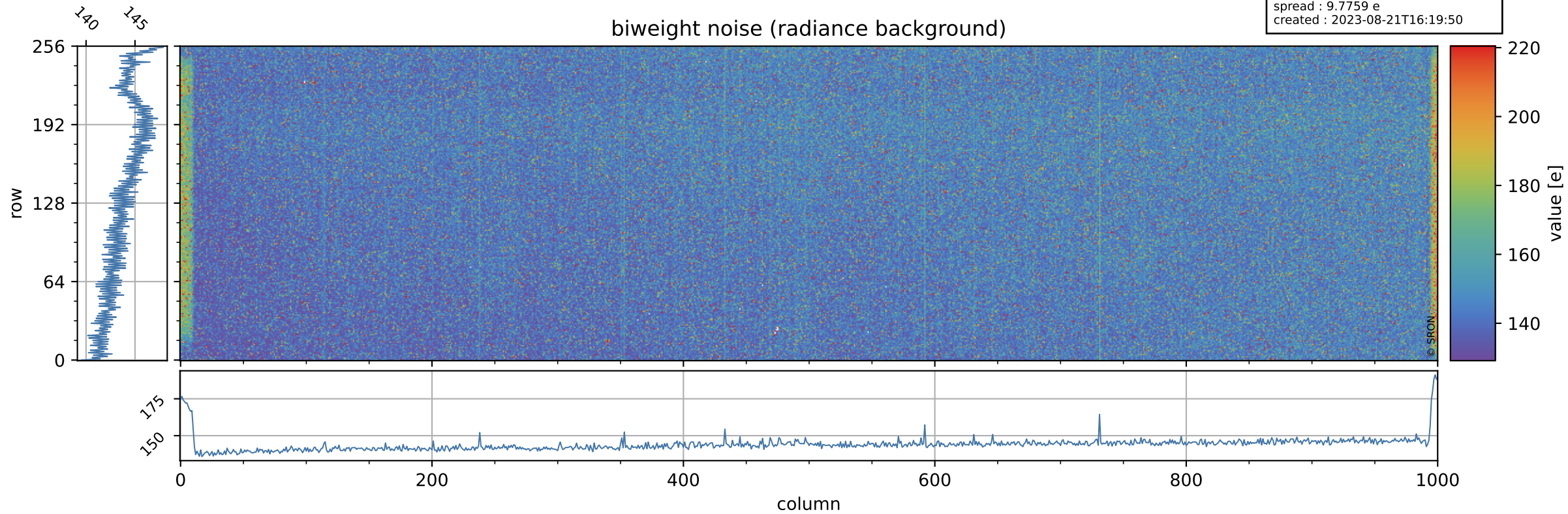




# Tropomi SWIR background noise (swir)

orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 9.7759 e  
created : 2023-08-21T16:19:50

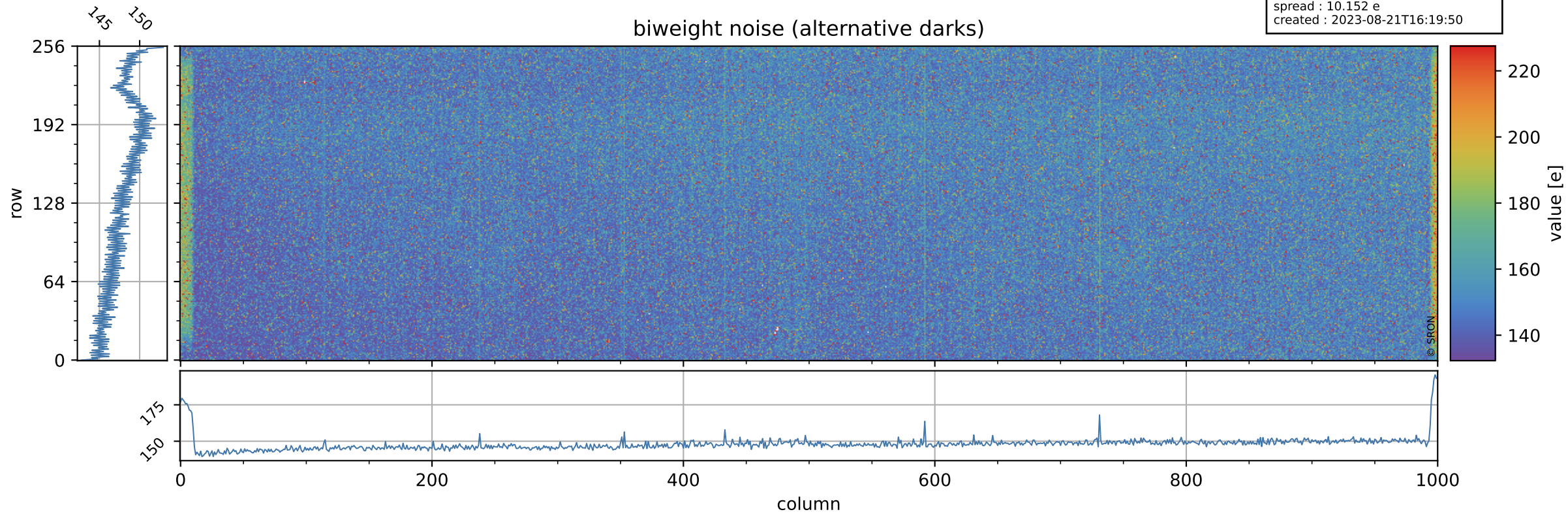
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.78 e  
spread : 10.152 e  
created : 2023-08-21T16:19:50

## biweight noise (alternative darks)

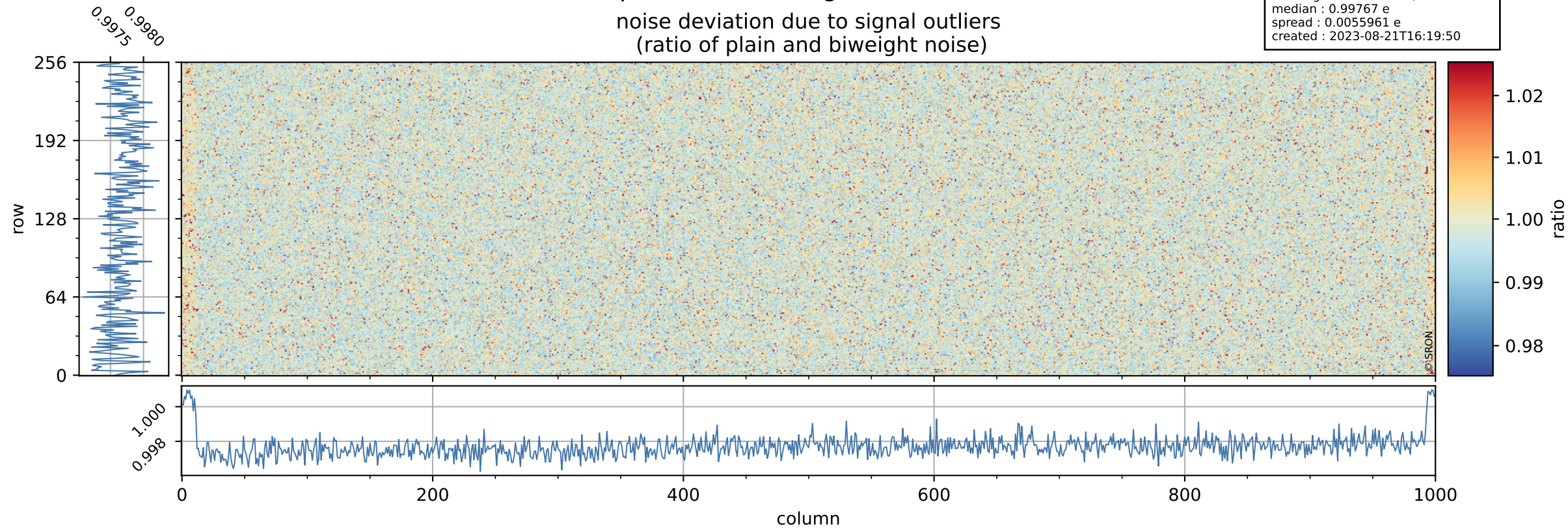




# Tropomi SWIR background noise (swir)

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

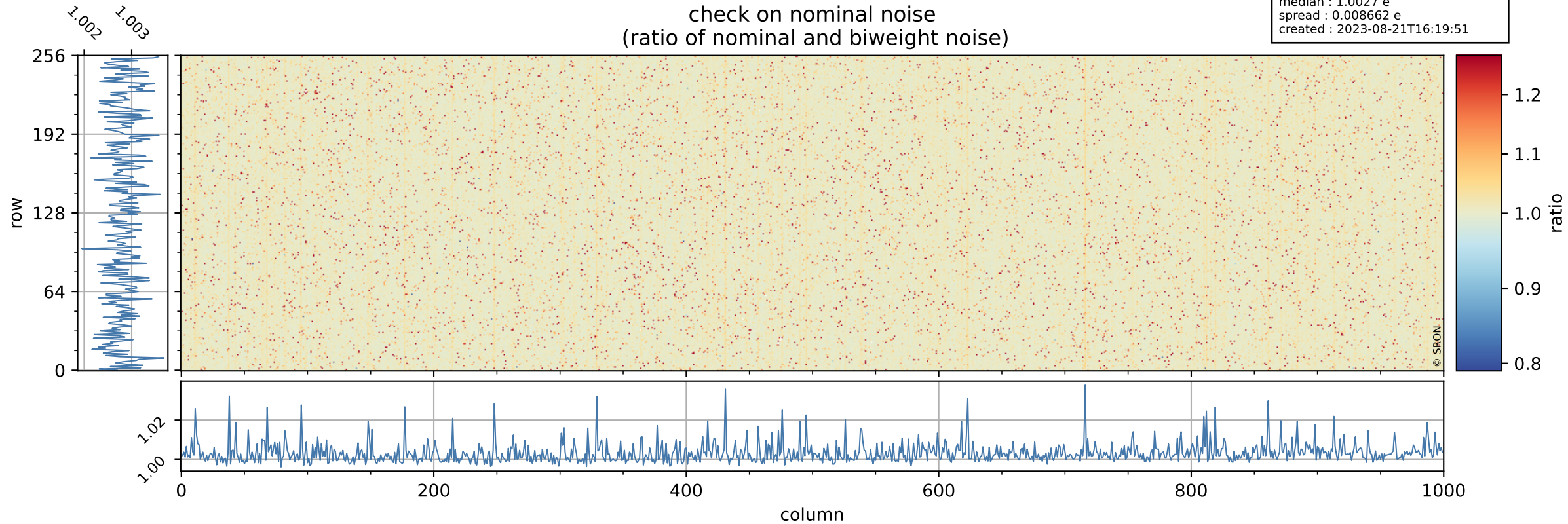
orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
median : 0.99767 e  
spread : 0.0055961 e  
created : 2023-08-21T16:19:50



# Tropomi SWIR background noise (swir)

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

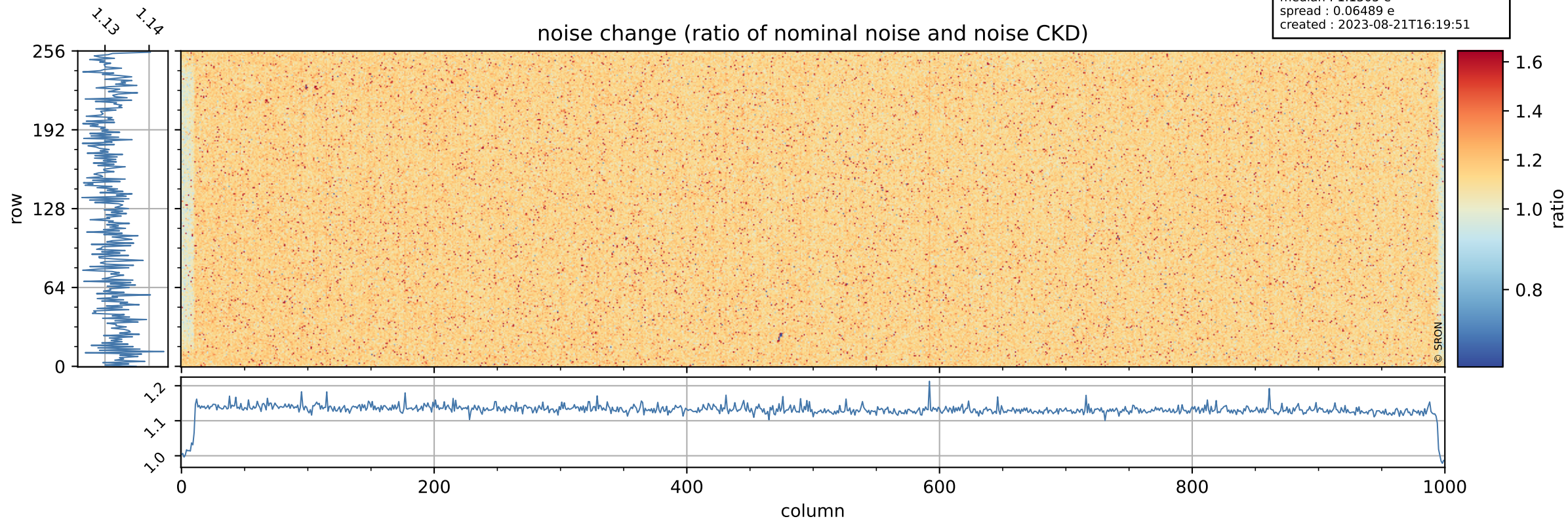
orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
median : 1.0027 e  
spread : 0.008662 e  
created : 2023-08-21T16:19:51





# Tropomi SWIR background noise (swir)

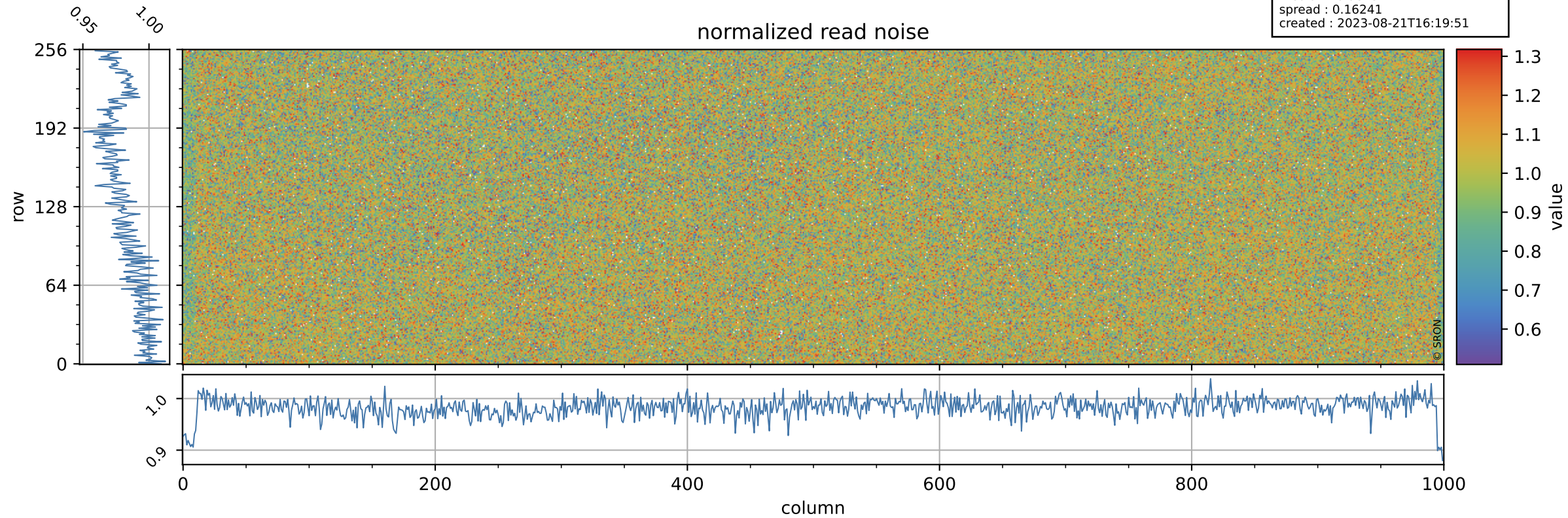
orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
median : 1.1305 e  
spread : 0.06489 e  
created : 2023-08-21T16:19:51





# Tropomi SWIR background noise (swir)

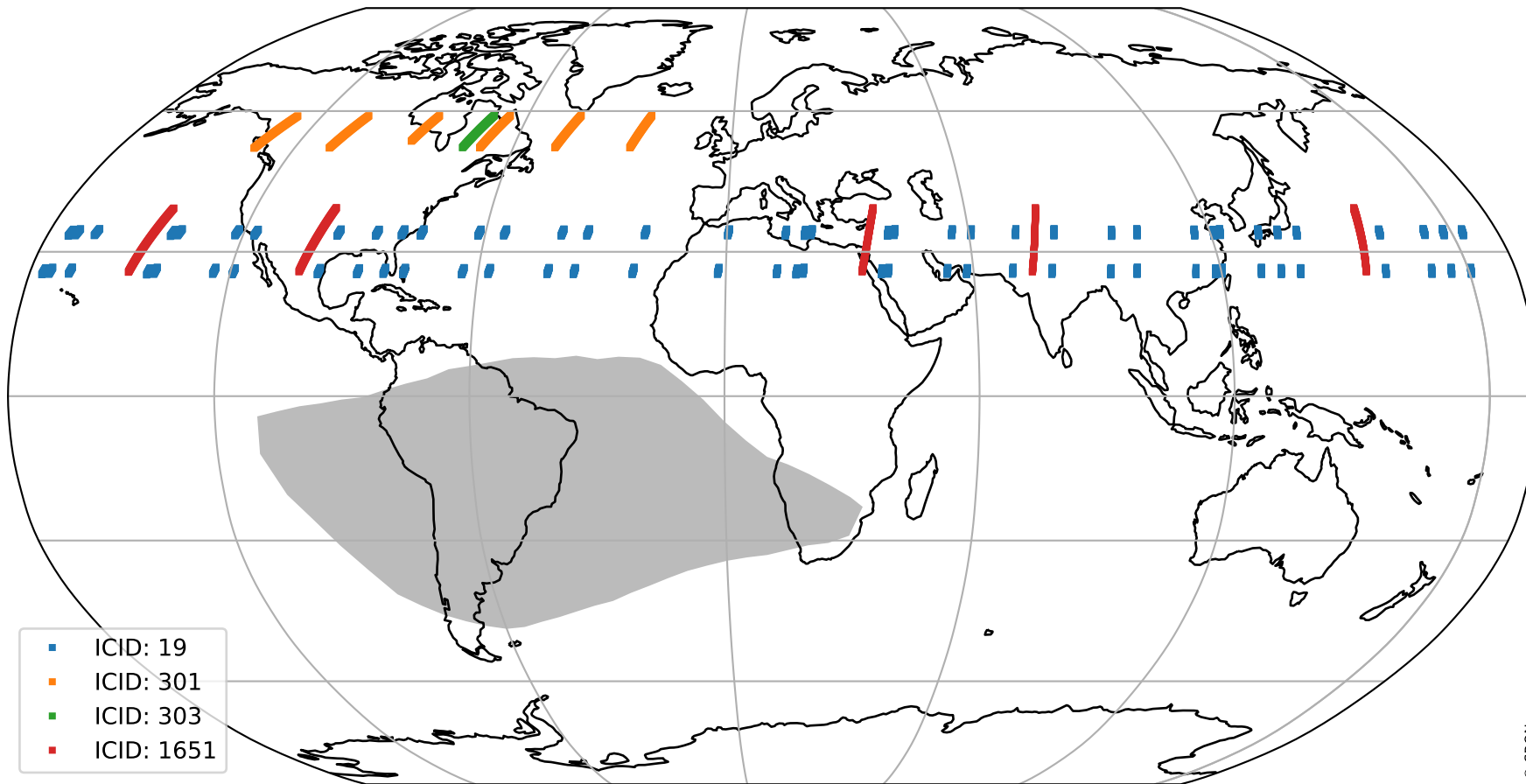
orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
median : 0.98151  
spread : 0.16241  
created : 2023-08-21T16:19:51





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

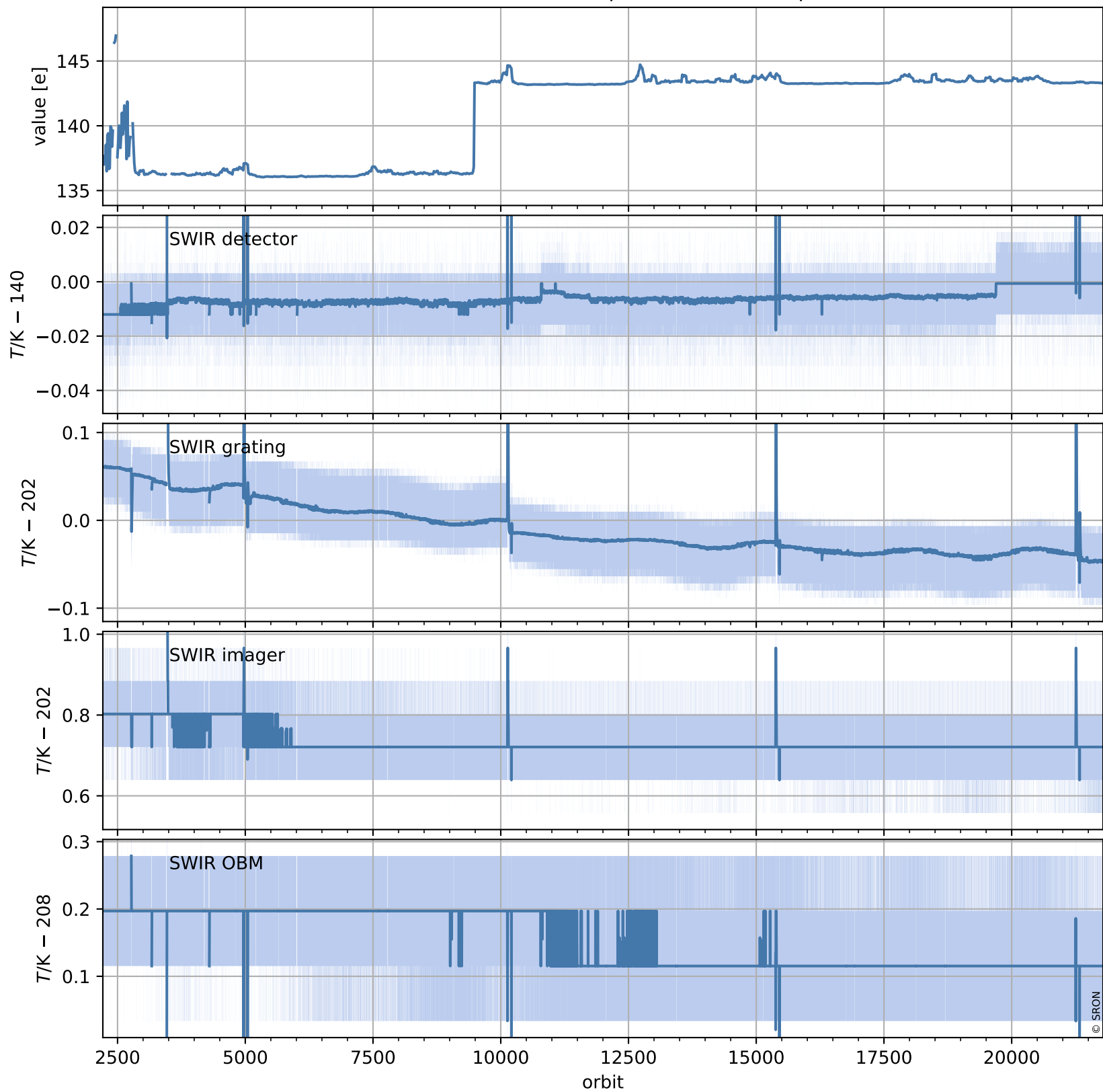
orbits : 12 in [21712, 21787]  
coverage : 2021-12-21 / 2021-12-26  
created : 2023-08-21T16:19:51



# Tropomi SWIR background noise (swir)

orbits : [2212, 21787]  
coverage : 2018-03-18 / 2021-12-26  
created : 2023-08-21T16:19:52

## trend of detector median of plain noise & temperatures

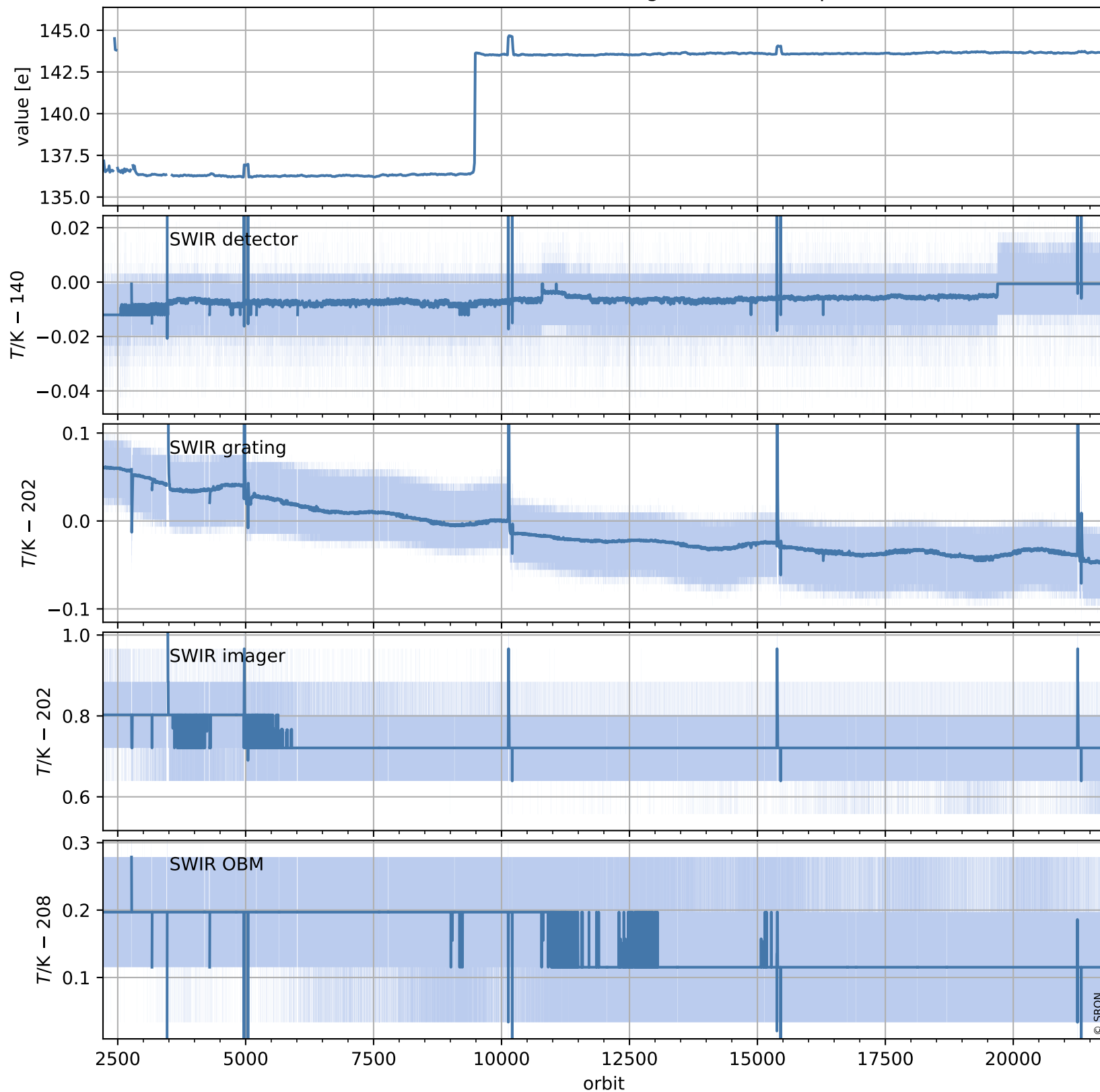




# Tropomi SWIR background noise (swir)

orbits : [2212, 21787]  
coverage : 2018-03-18 / 2021-12-26  
created : 2023-08-21T16:19:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21787]  
coverage : 2018-03-18 / 2021-12-26  
created : 2023-08-21T16:19:54

## trend of normalized read-noise & temperatures

