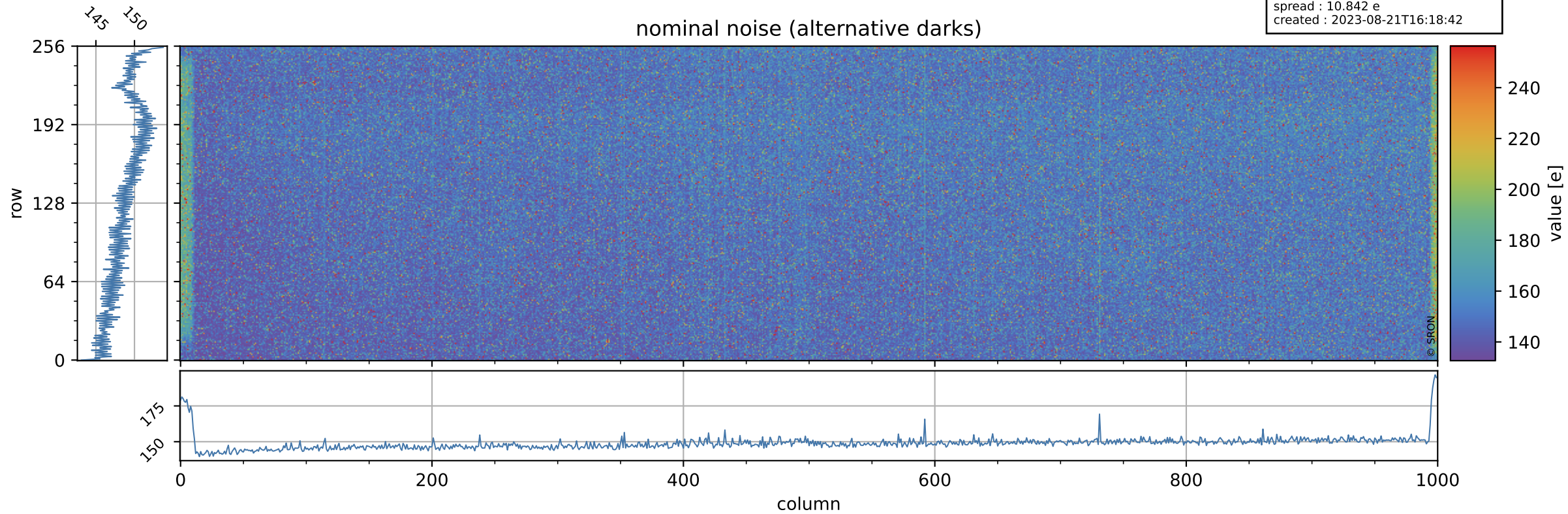


# Tropomi SWIR background noise (swir)

orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.68 e  
spread : 10.842 e  
created : 2023-08-21T16:18:42

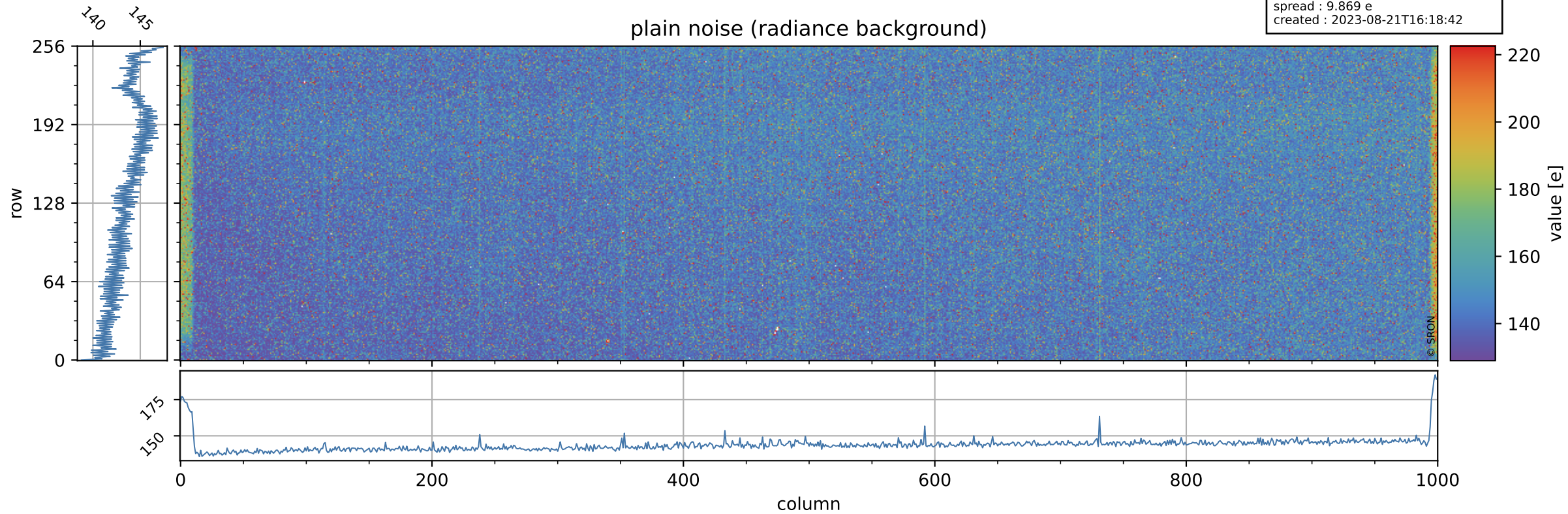
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.49 e  
spread : 9.869 e  
created : 2023-08-21T16:18:42

## plain noise (radiance background)

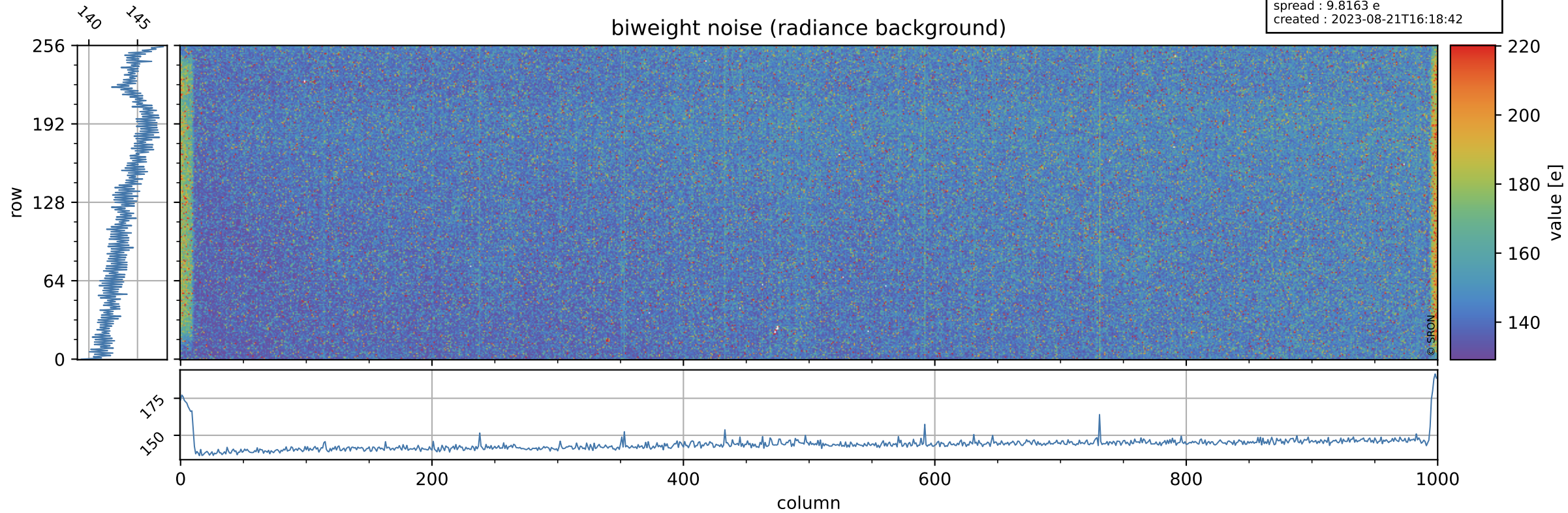




# Tropomi SWIR background noise (swir)

orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.79 e  
spread : 9.8163 e  
created : 2023-08-21T16:18:42

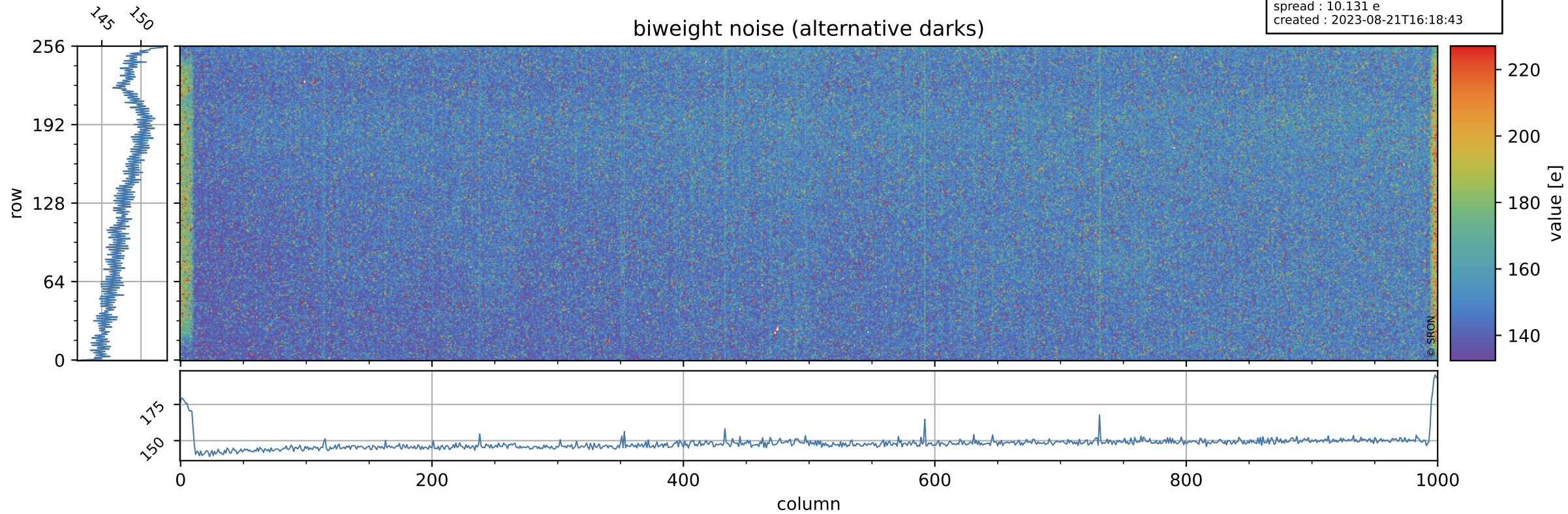
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.131 e  
created : 2023-08-21T16:18:43

## biweight noise (alternative darks)

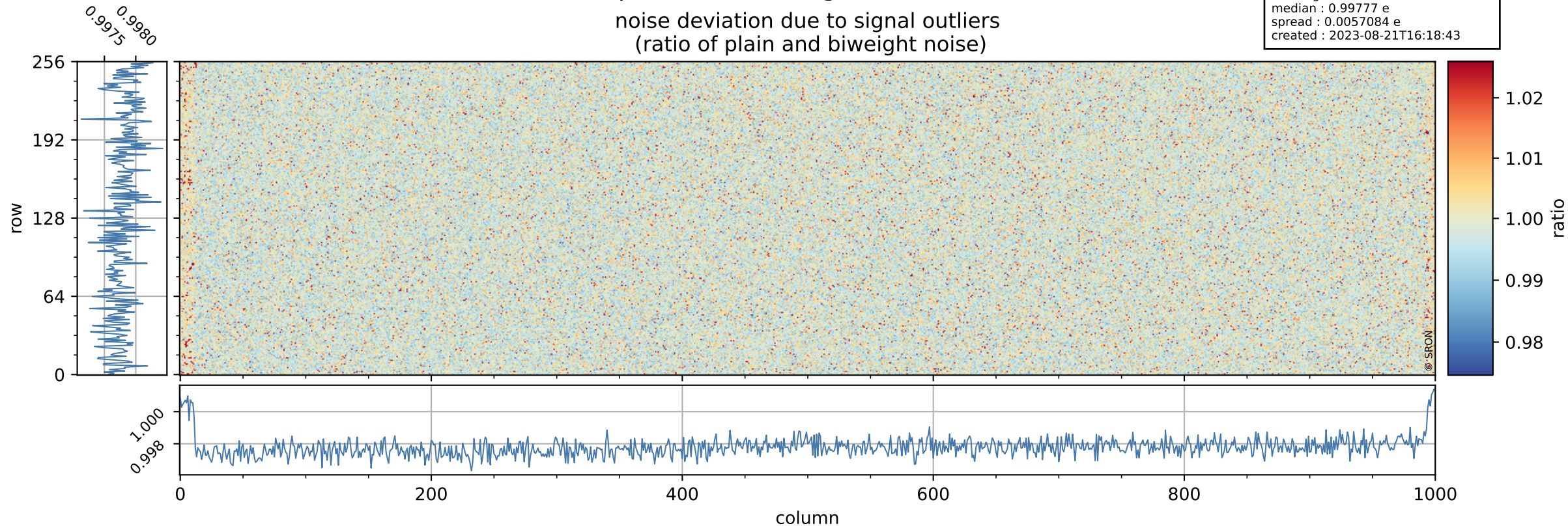




# Tropomi SWIR background noise (swir)

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

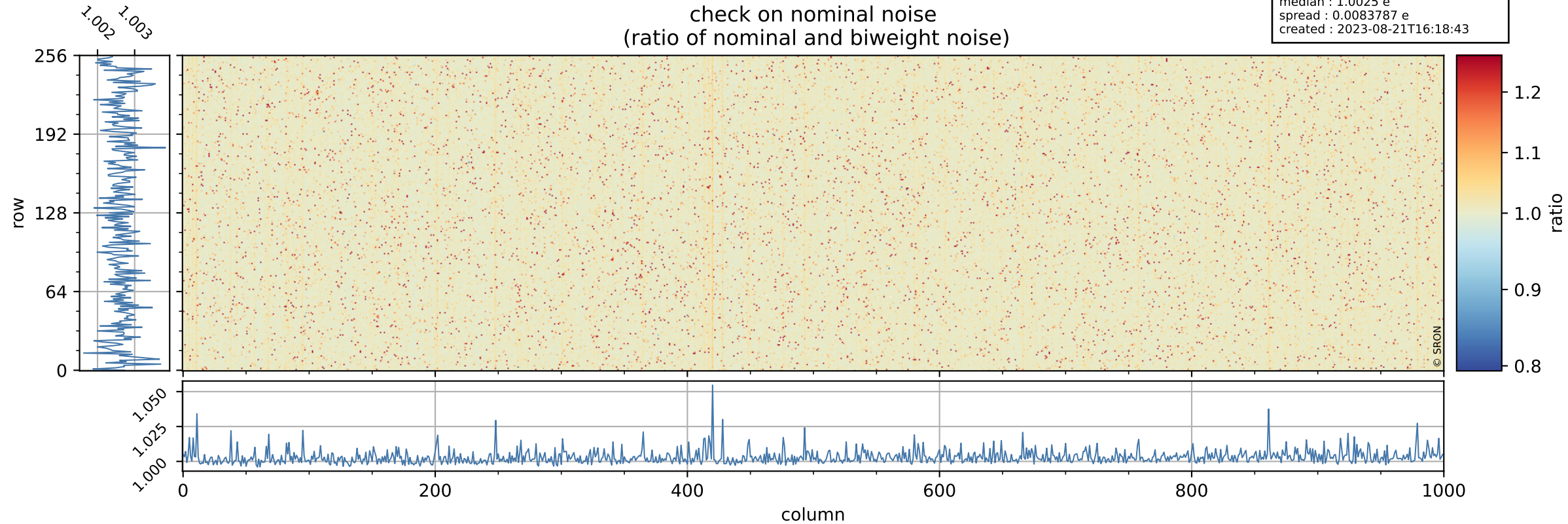
orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
median : 0.99777 e  
spread : 0.0057084 e  
created : 2023-08-21T16:18:43



# Tropomi SWIR background noise (swir)

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

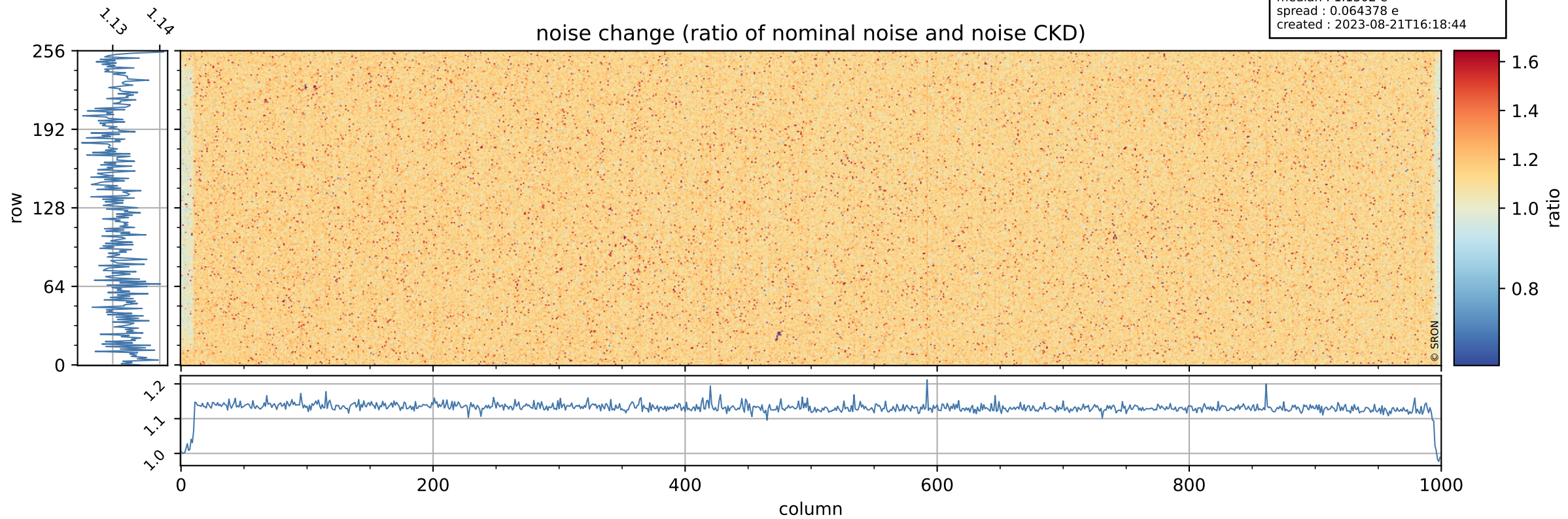
orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
median : 1.0025 e  
spread : 0.0083787 e  
created : 2023-08-21T16:18:43





# Tropomi SWIR background noise (swir)

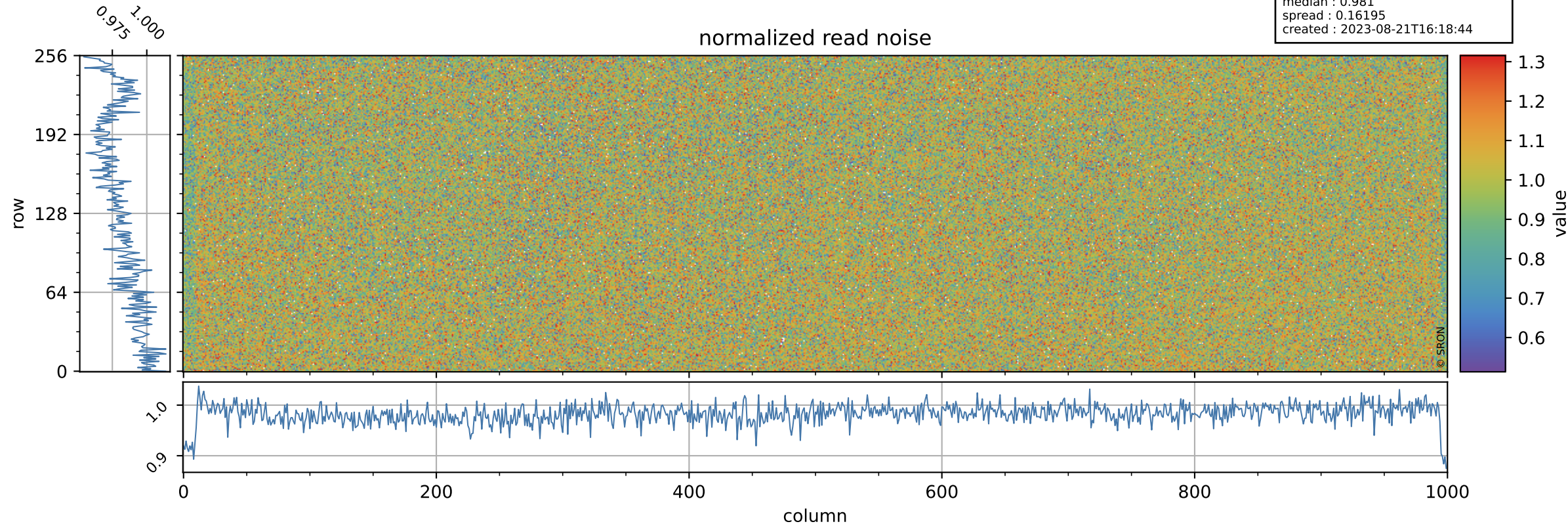
orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
median : 1.1302 e  
spread : 0.064378 e  
created : 2023-08-21T16:18:44





# Tropomi SWIR background noise (swir)

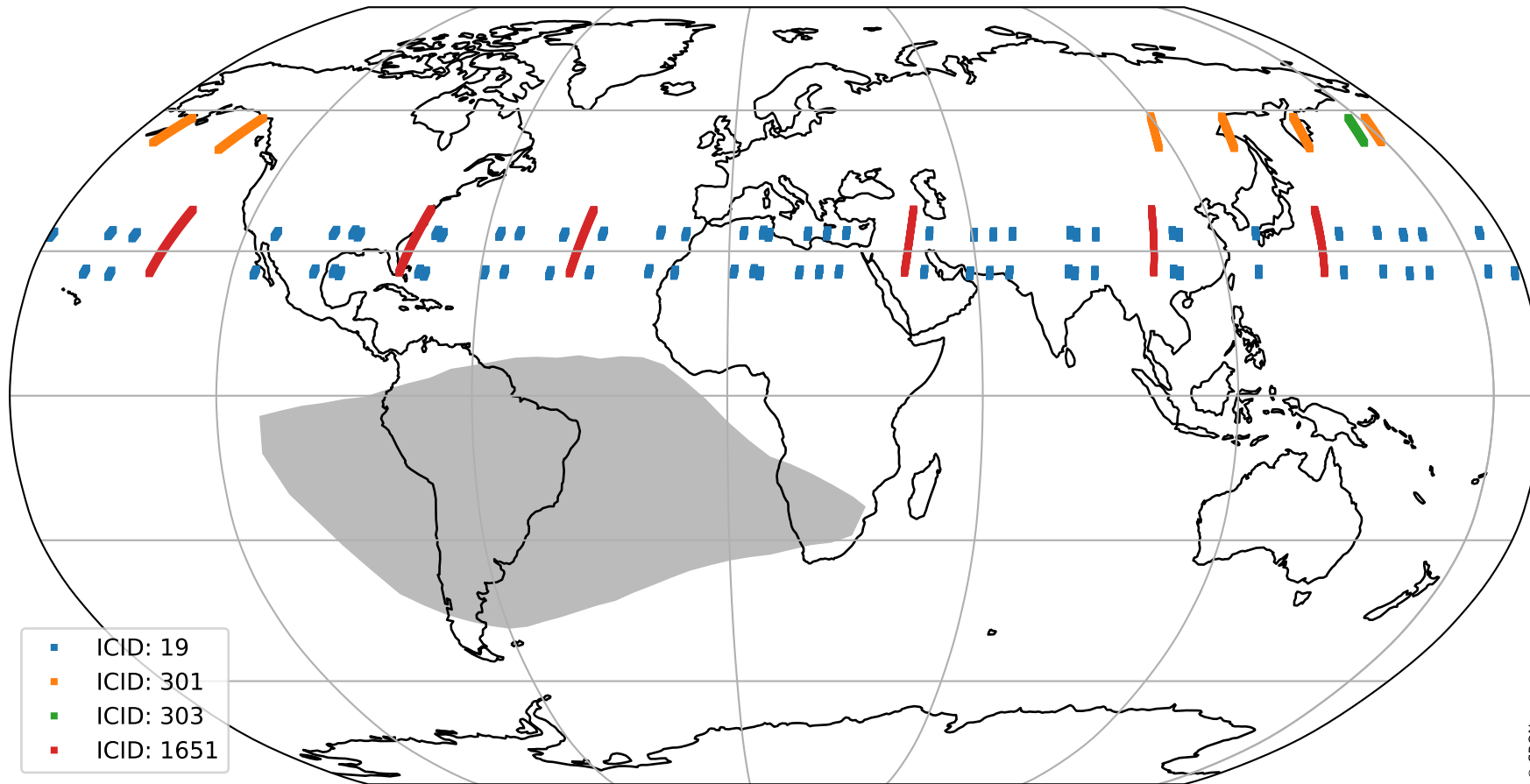
orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
median : 0.981  
spread : 0.16195  
created : 2023-08-21T16:18:44





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

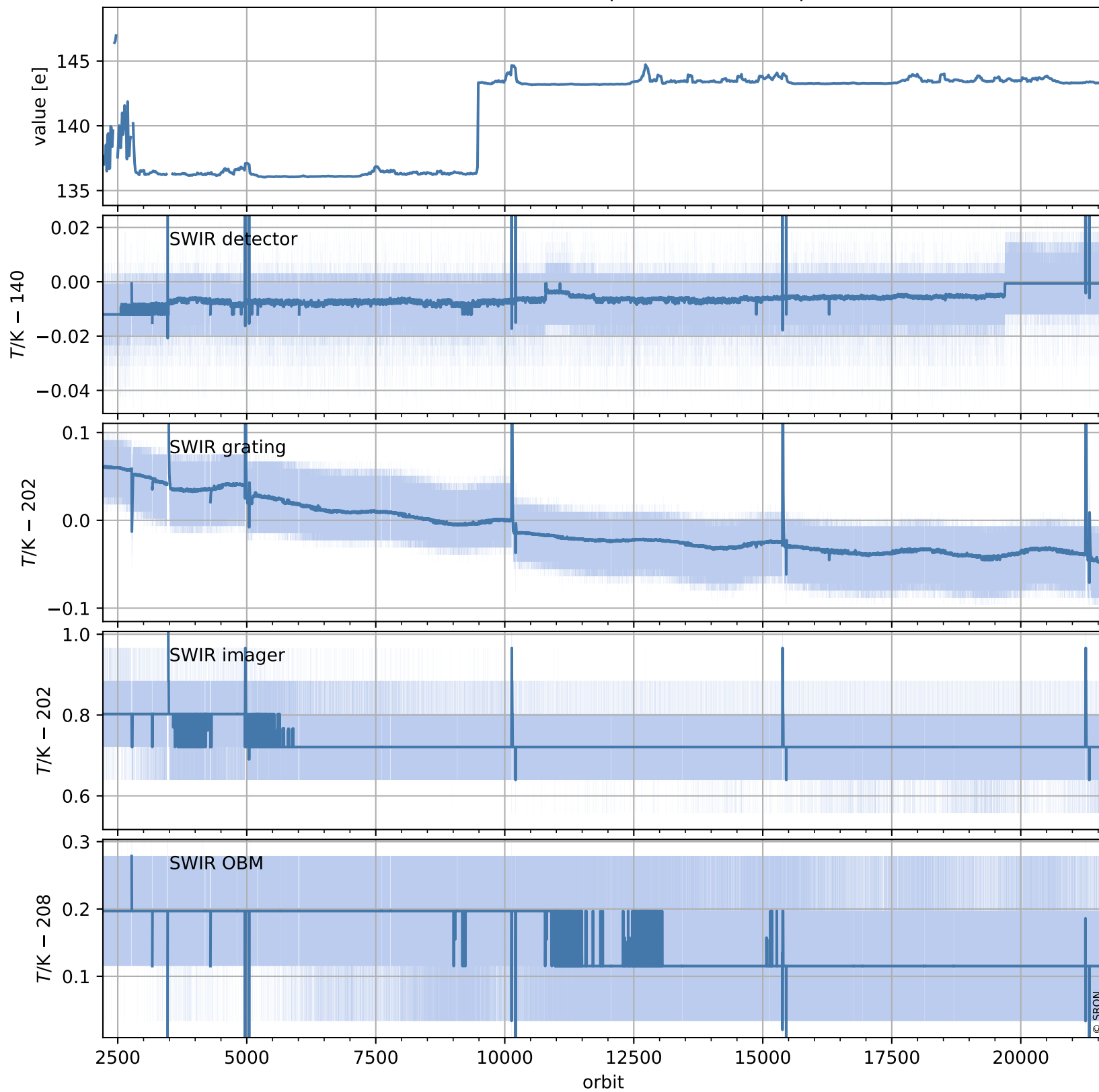
orbits : 13 in [21532, 21607]  
coverage : 2021-12-08 / 2021-12-13  
created : 2023-08-21T16:18:44



# Tropomi SWIR background noise (swir)

orbits : [2212, 21607]  
coverage : 2018-03-18 / 2021-12-13  
created : 2023-08-21T16:18:45

## trend of detector median of plain noise & temperatures

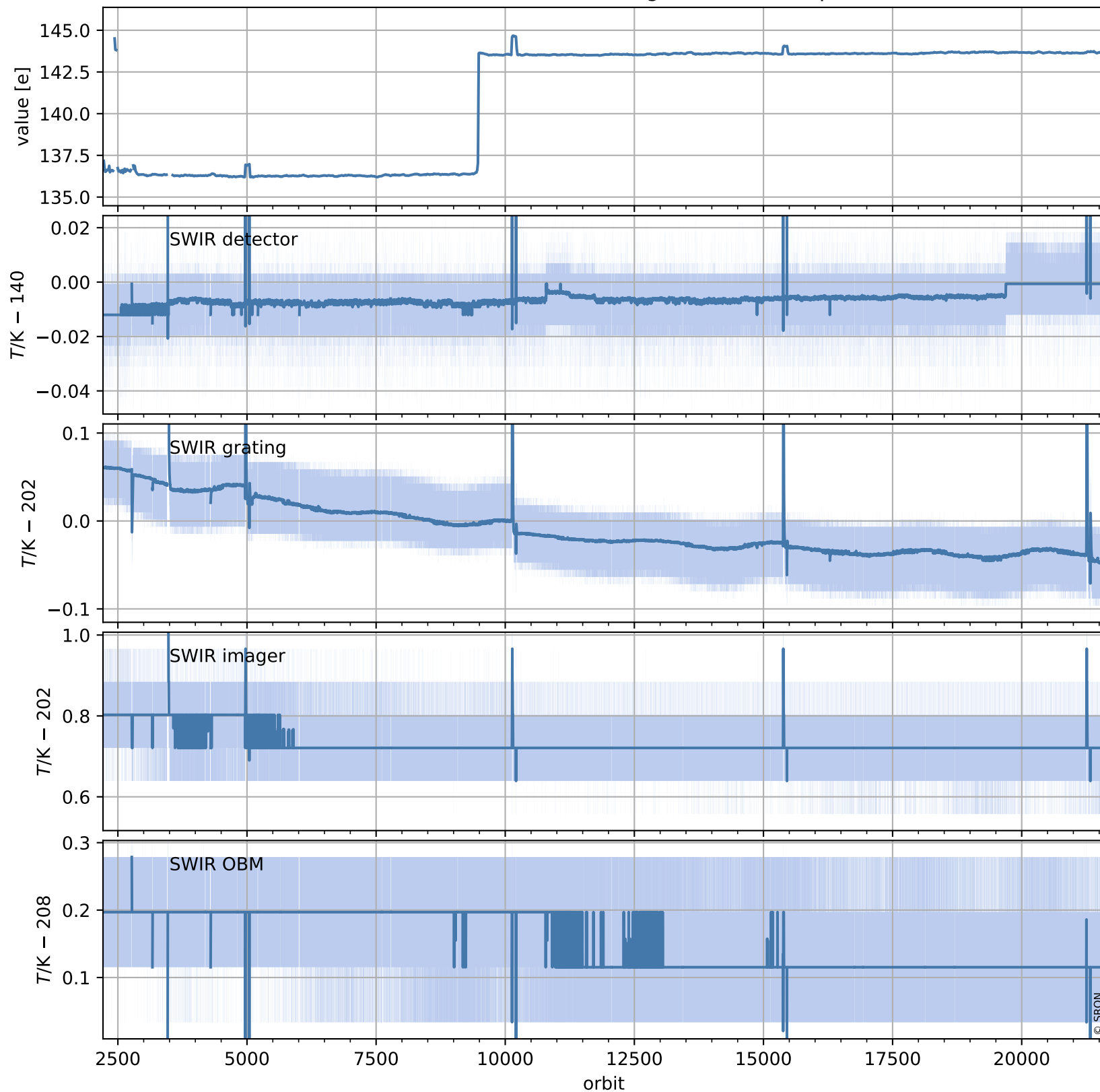




# Tropomi SWIR background noise (swir)

orbits : [2212, 21607]  
coverage : 2018-03-18 / 2021-12-13  
created : 2023-08-21T16:18:45

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21607]  
coverage : 2018-03-18 / 2021-12-13  
created : 2023-08-21T16:18:46

## trend of normalized read-noise & temperatures

