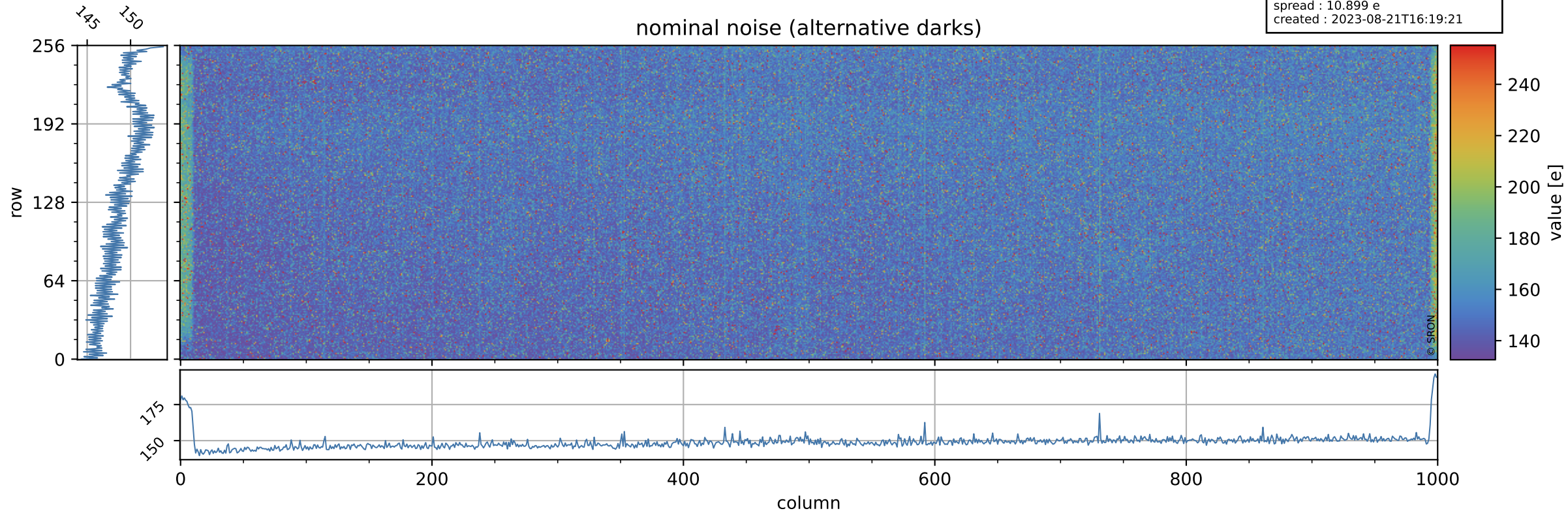


# Tropomi SWIR background noise (swir)

orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
n\_coad, t\_exp : 1, 1.0783  
median : 148.73 e  
spread : 10.899 e  
created : 2023-08-21T16:19:21

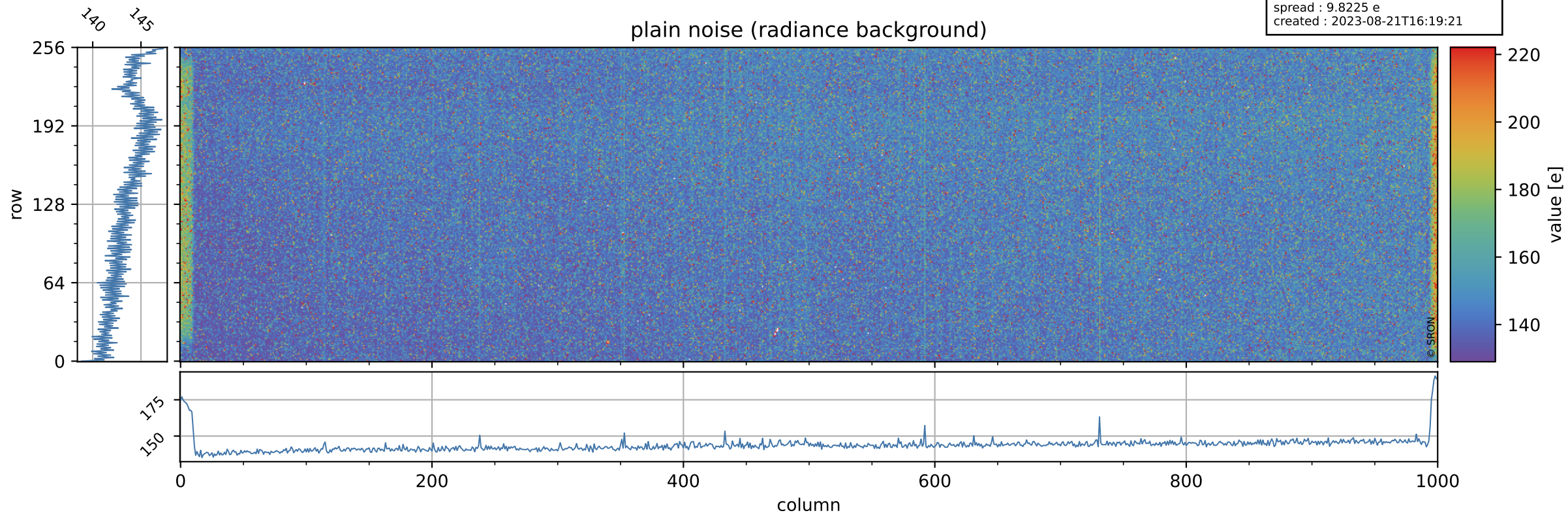
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.47 e  
spread : 9.8225 e  
created : 2023-08-21T16:19:21

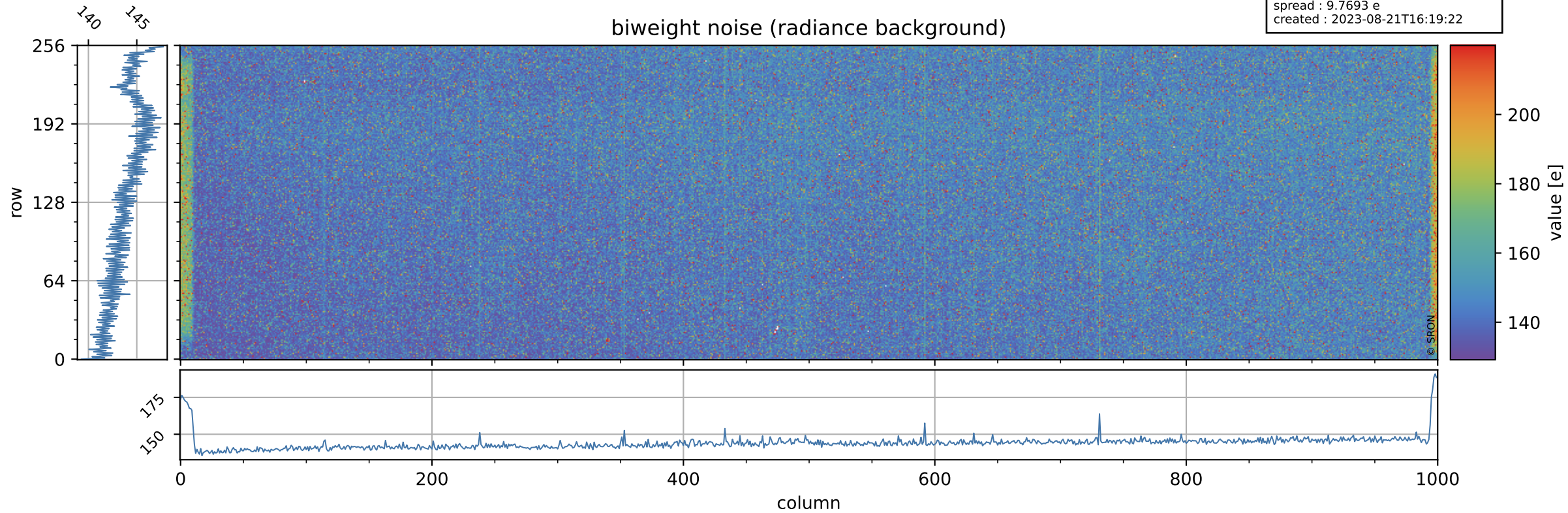
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
n\_coad, t\_exp : 1, 0.8383  
median : 143.79 e  
spread : 9.7693 e  
created : 2023-08-21T16:19:22

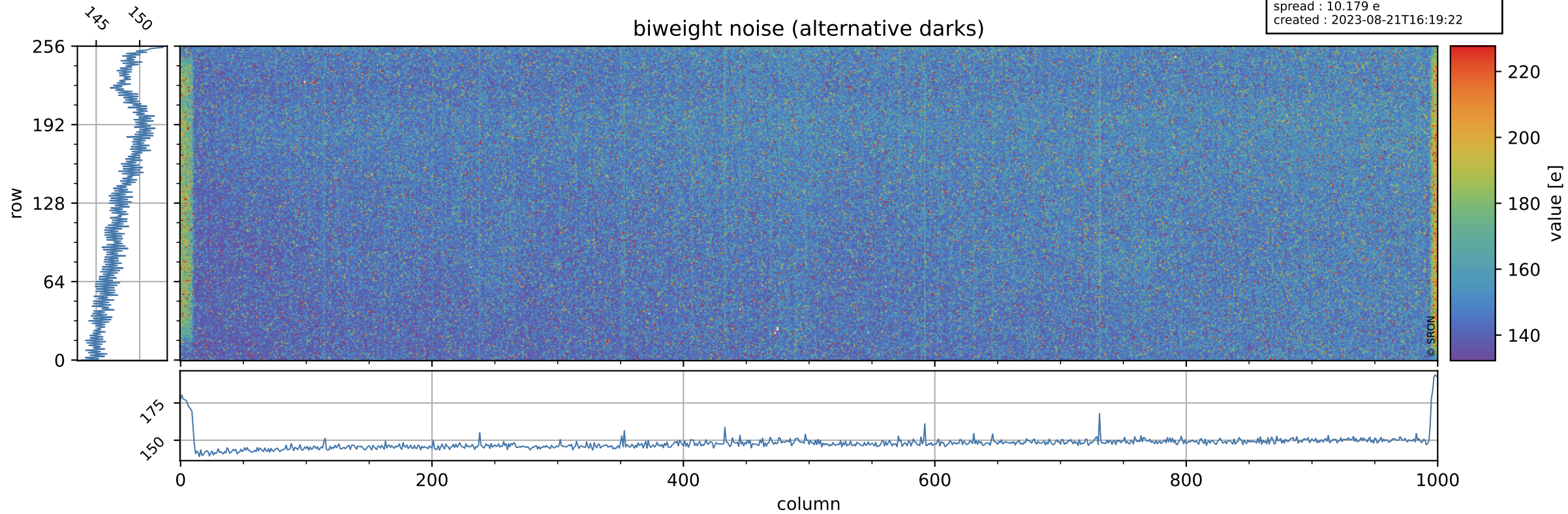
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.179 e  
created : 2023-08-21T16:19:22

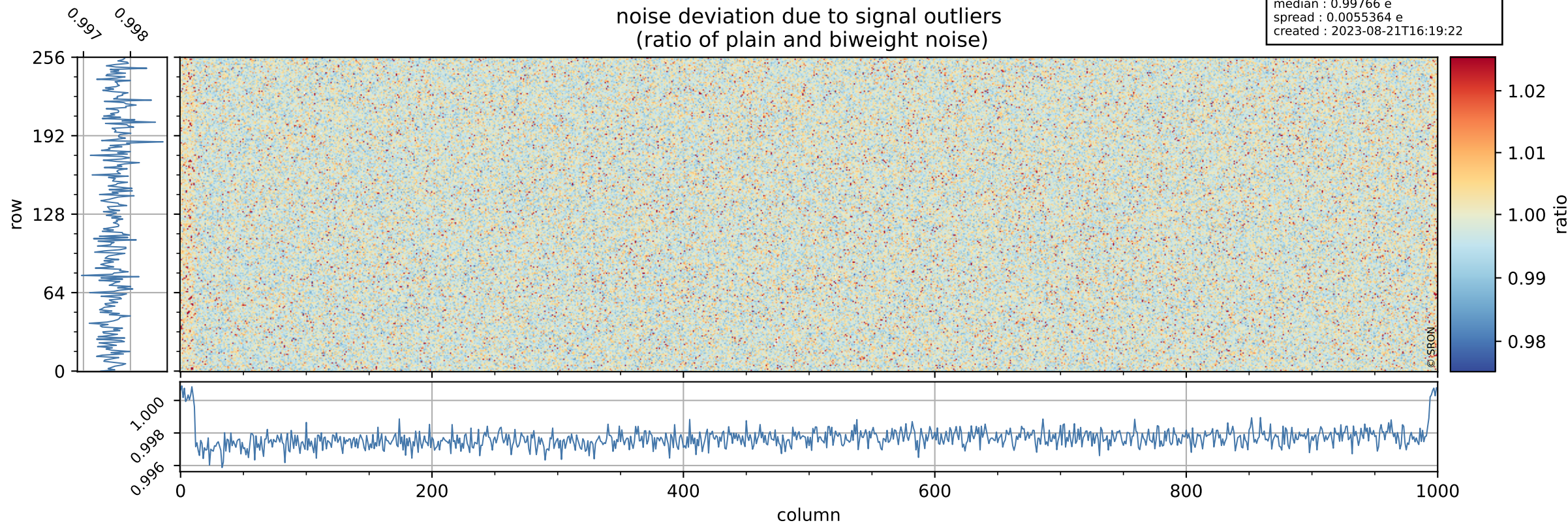
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

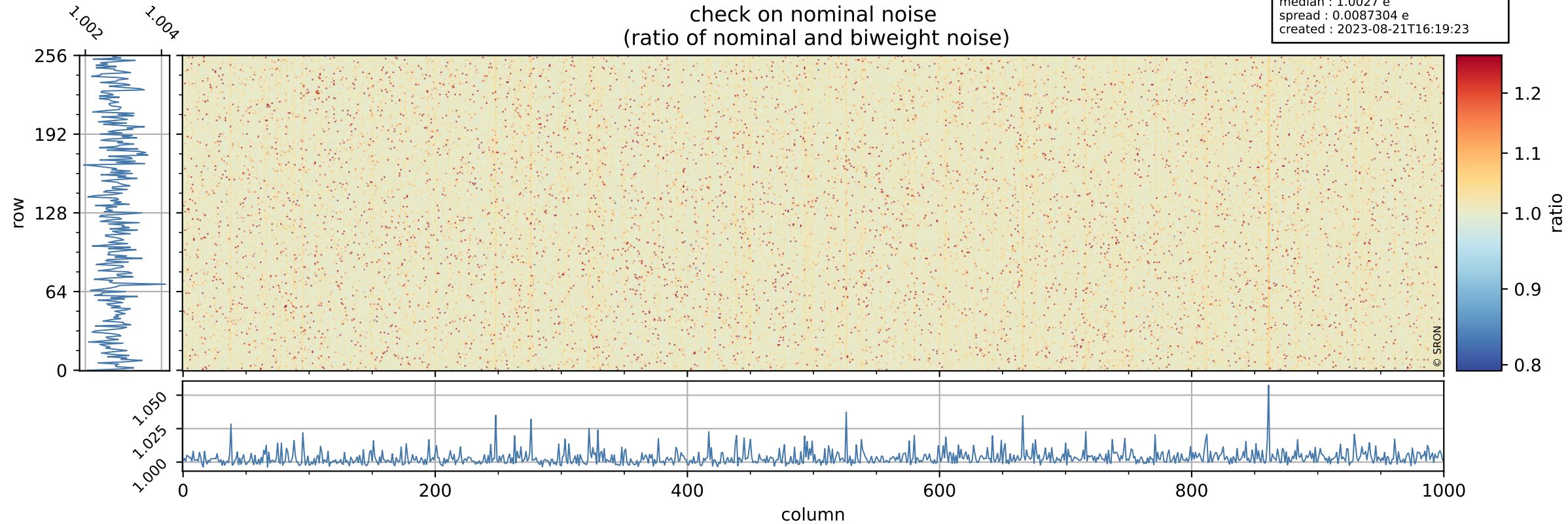
orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
median : 0.99766 e  
spread : 0.0055364 e  
created : 2023-08-21T16:19:22



# Tropomi SWIR background noise (swir)

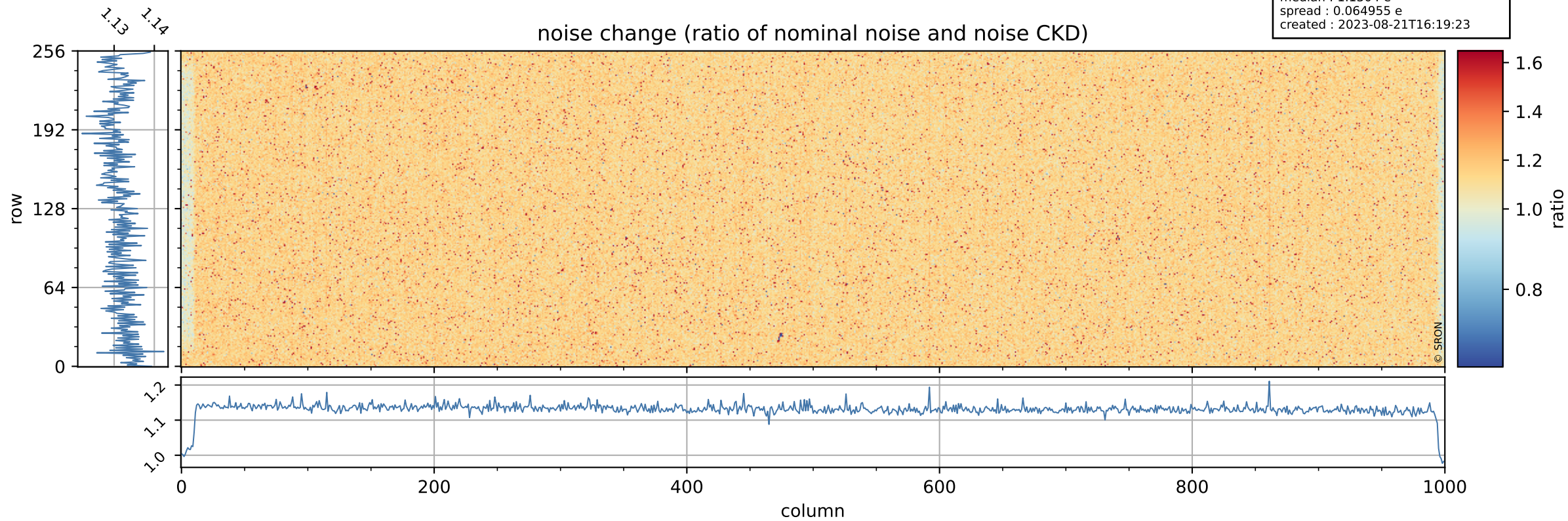
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
median : 1.0027 e  
spread : 0.0087304 e  
created : 2023-08-21T16:19:23



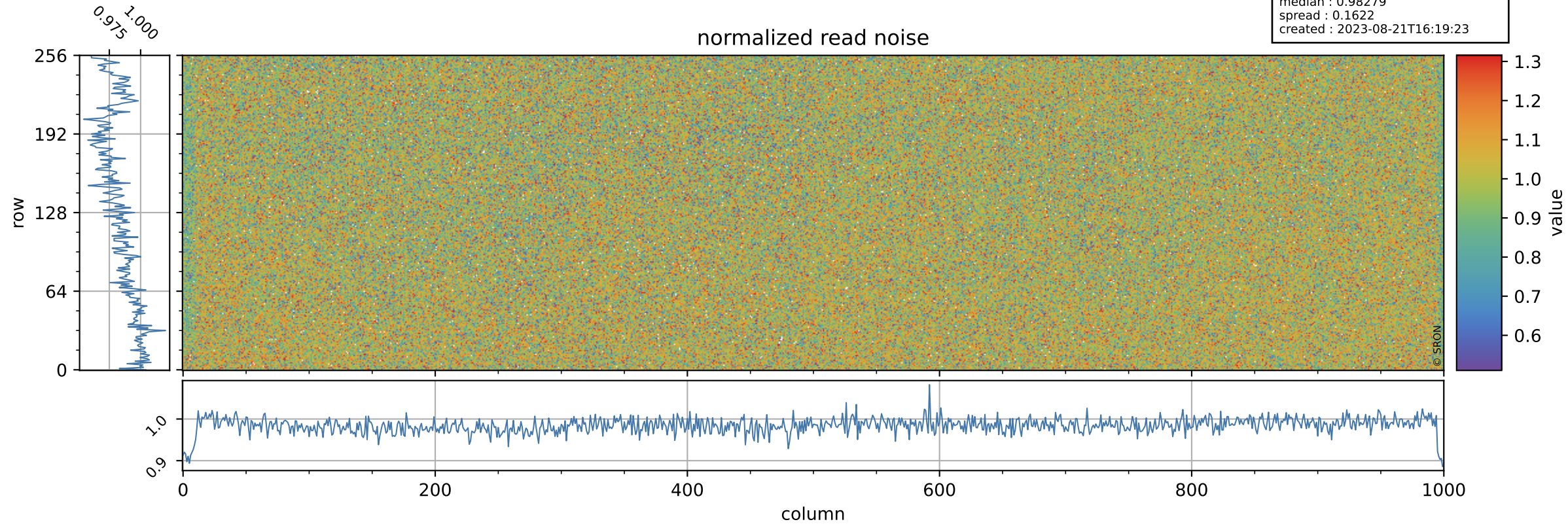
# Tropomi SWIR background noise (swir)

orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
median : 1.1304 e  
spread : 0.064955 e  
created : 2023-08-21T16:19:23



# Tropomi SWIR background noise (swir)

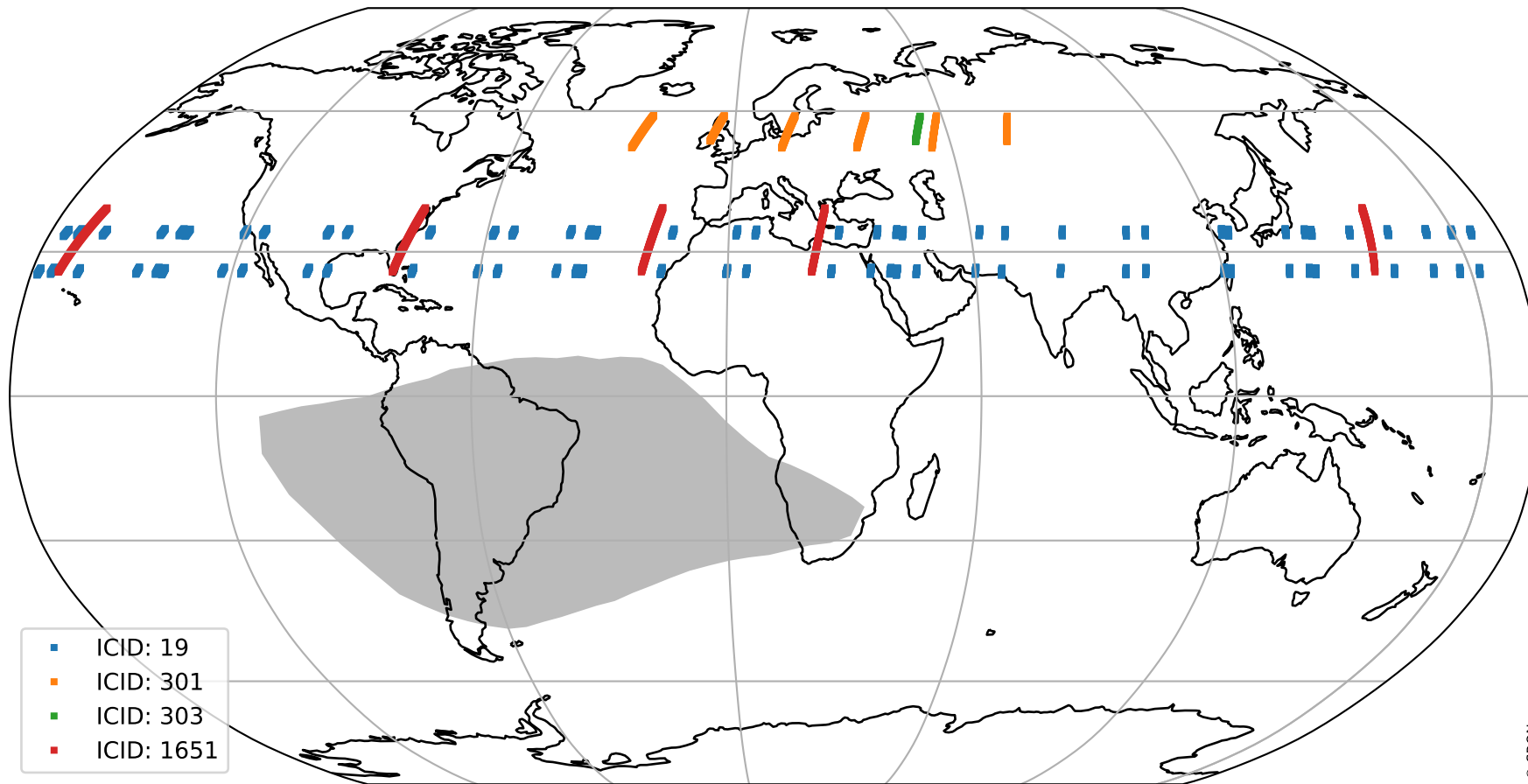
orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
median : 0.98279  
spread : 0.1622  
created : 2023-08-21T16:19:23





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

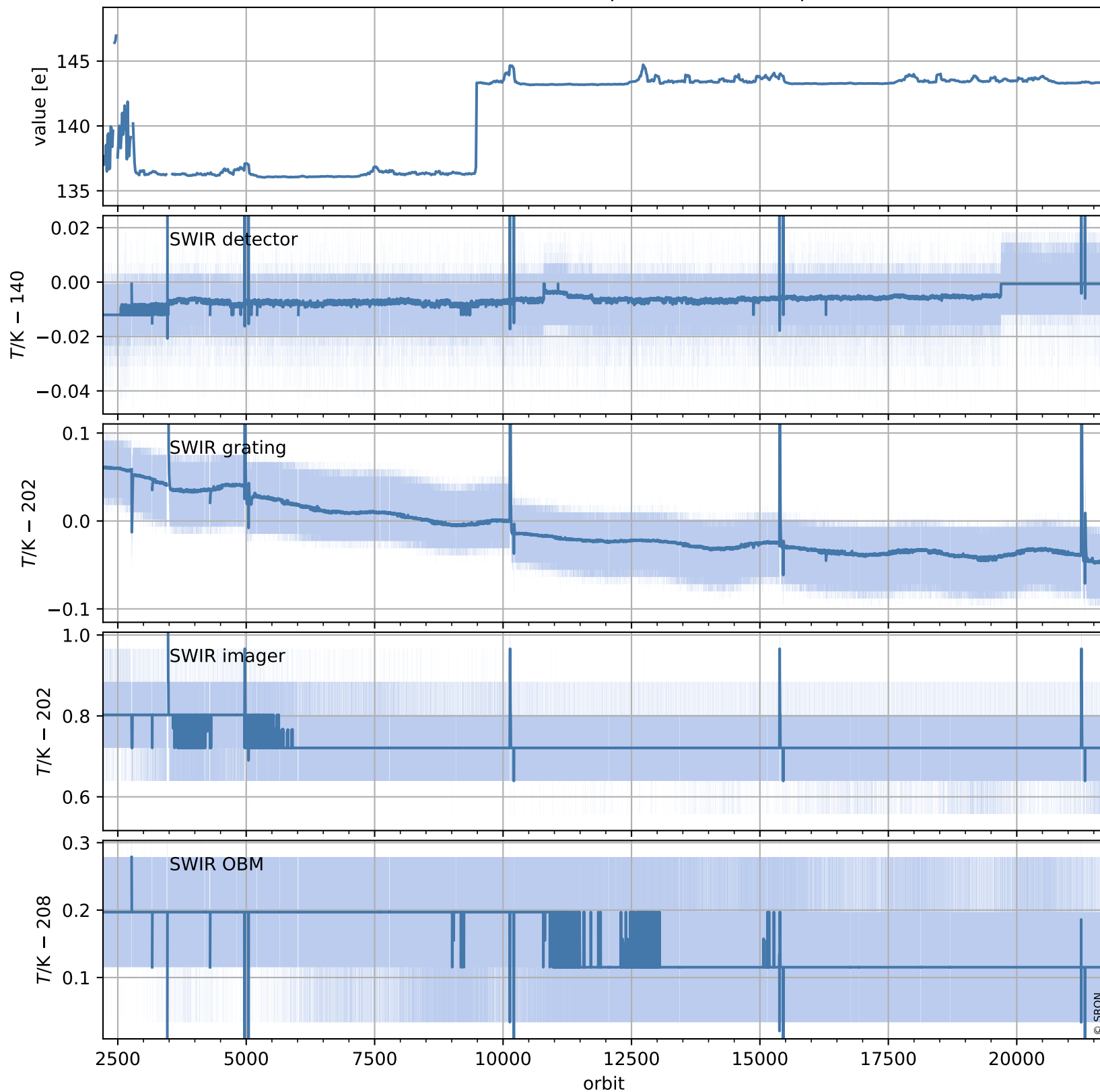
orbits : 12 in [21637, 21712]  
coverage : 2021-12-15 / 2021-12-21  
created : 2023-08-21T16:19:23



# Tropomi SWIR background noise (swir)

orbits : [2212, 21712]  
coverage : 2018-03-18 / 2021-12-21  
created : 2023-08-21T16:19:24

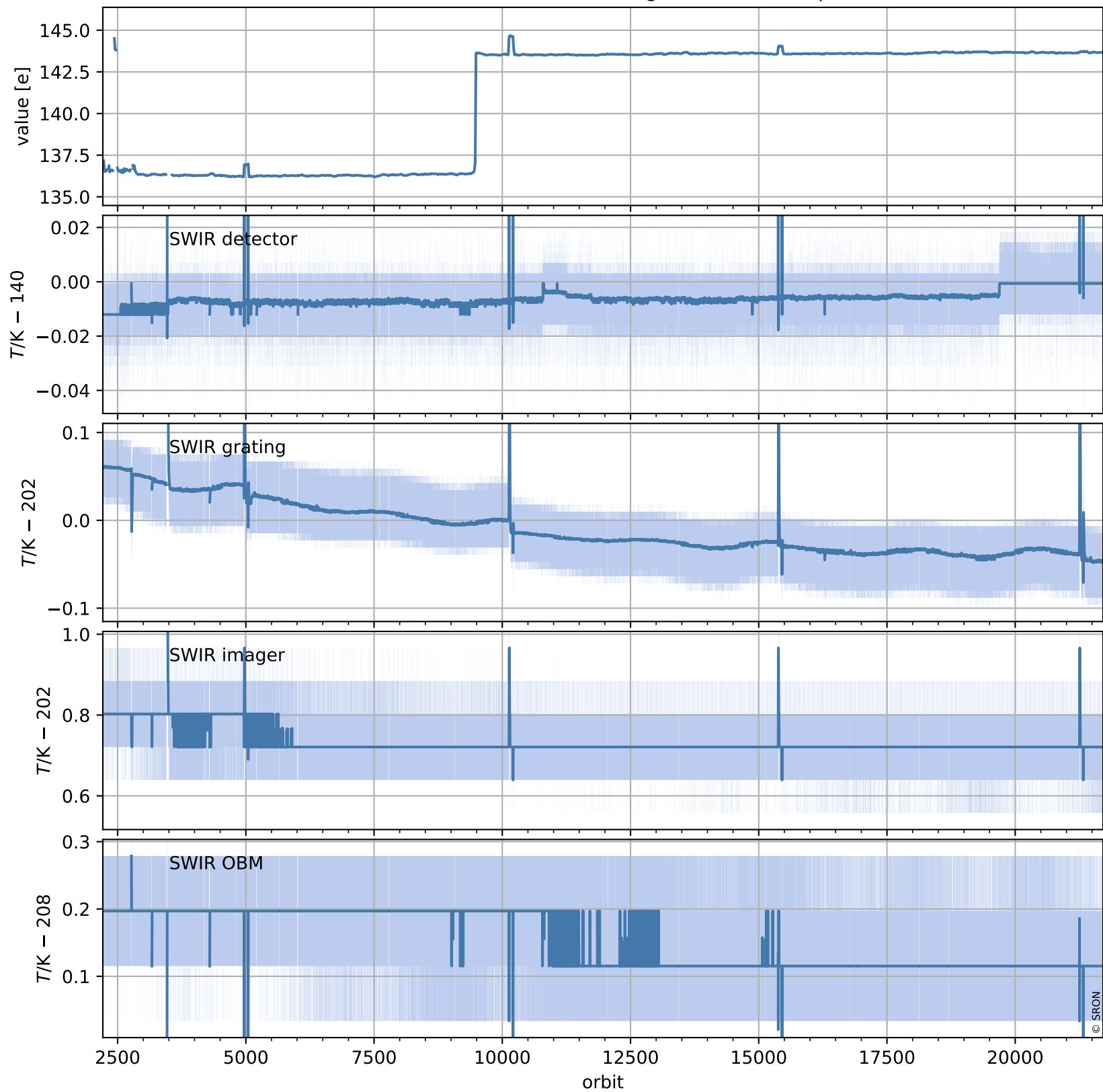
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21712]  
coverage : 2018-03-18 / 2021-12-21  
created : 2023-08-21T16:19:25

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21712]  
coverage : 2018-03-18 / 2021-12-21  
created : 2023-08-21T16:19:26

## trend of normalized read-noise & temperatures

