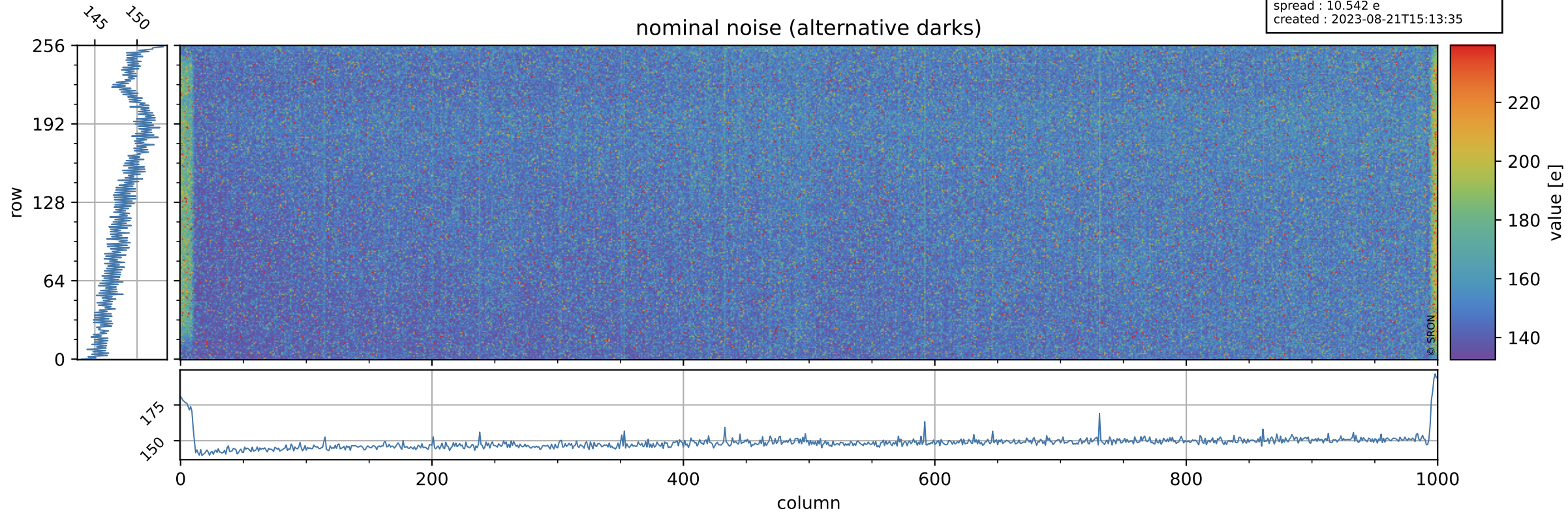


# Tropomi SWIR background noise (swir)

orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.4 e  
spread : 10.542 e  
created : 2023-08-21T15:13:35

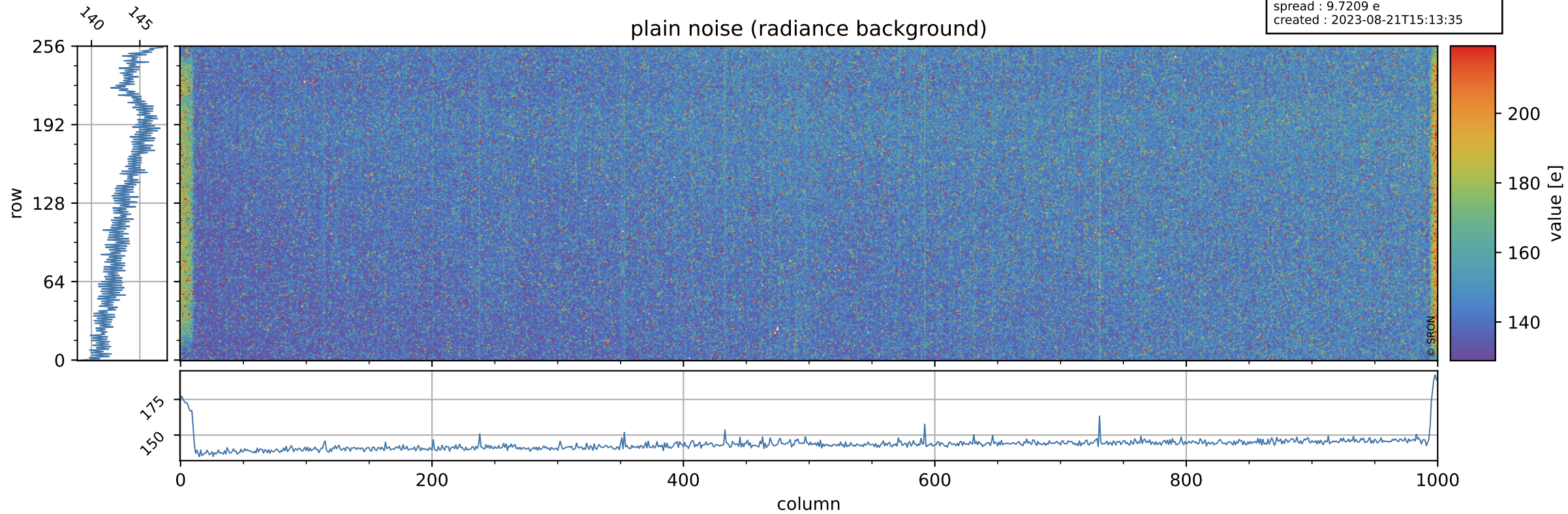
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.34 e  
spread : 9.7209 e  
created : 2023-08-21T15:13:35

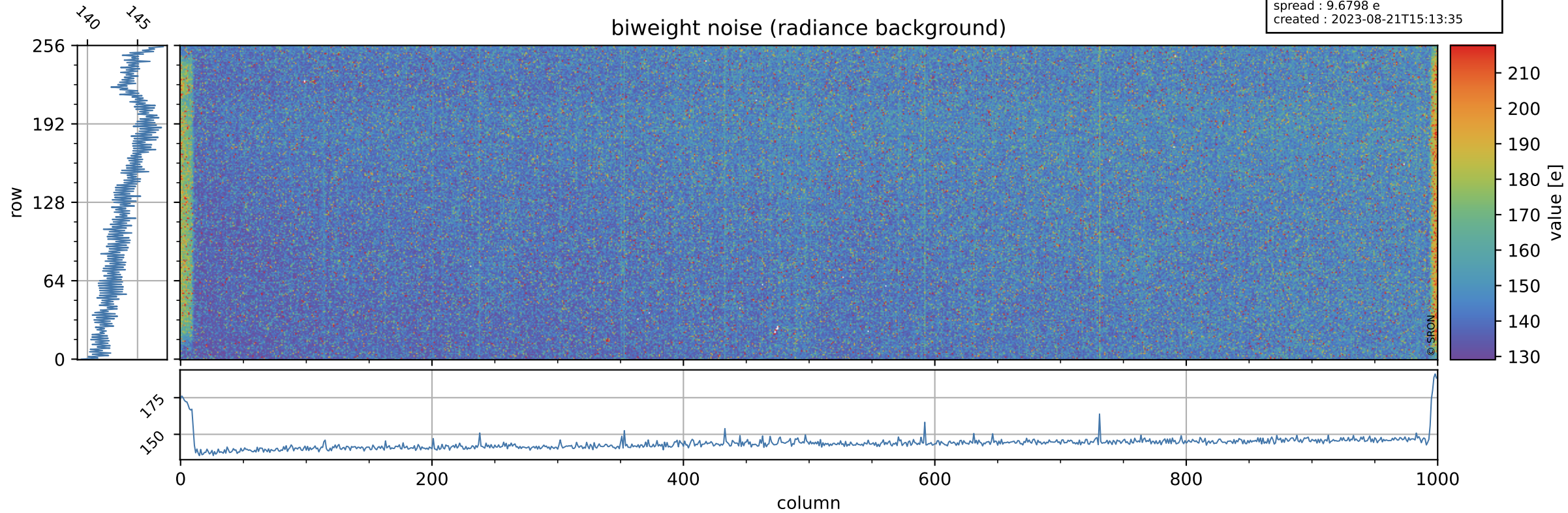
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.6798 e  
created : 2023-08-21T15:13:35

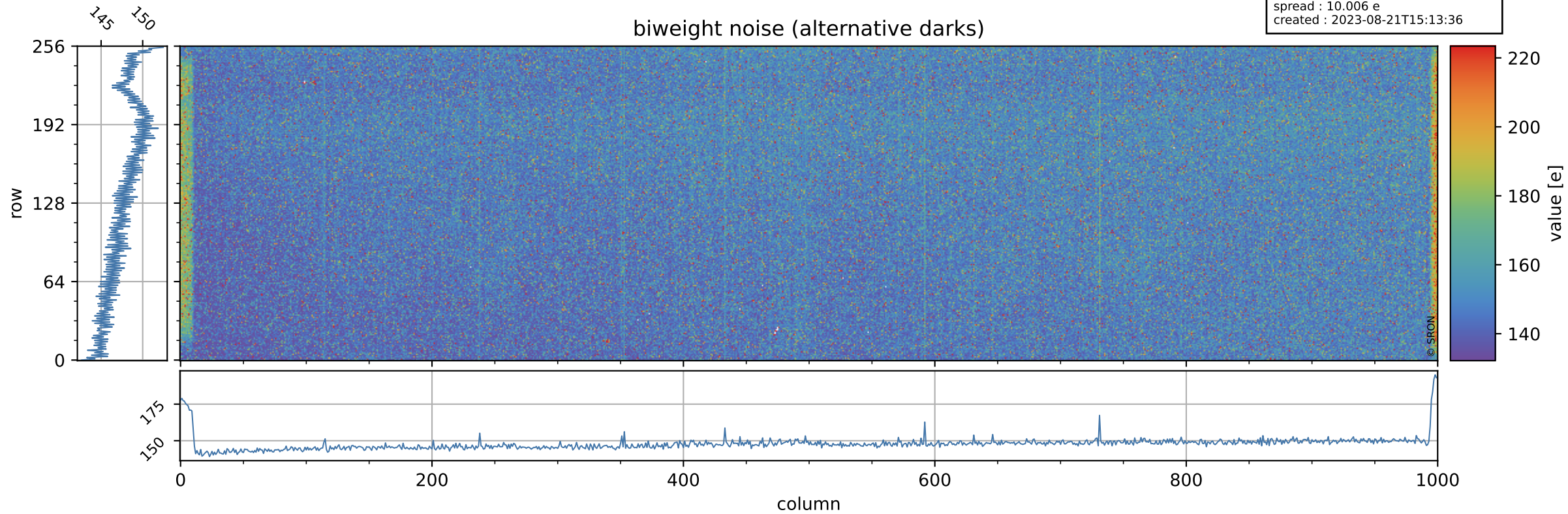
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 10.006 e  
created : 2023-08-21T15:13:36

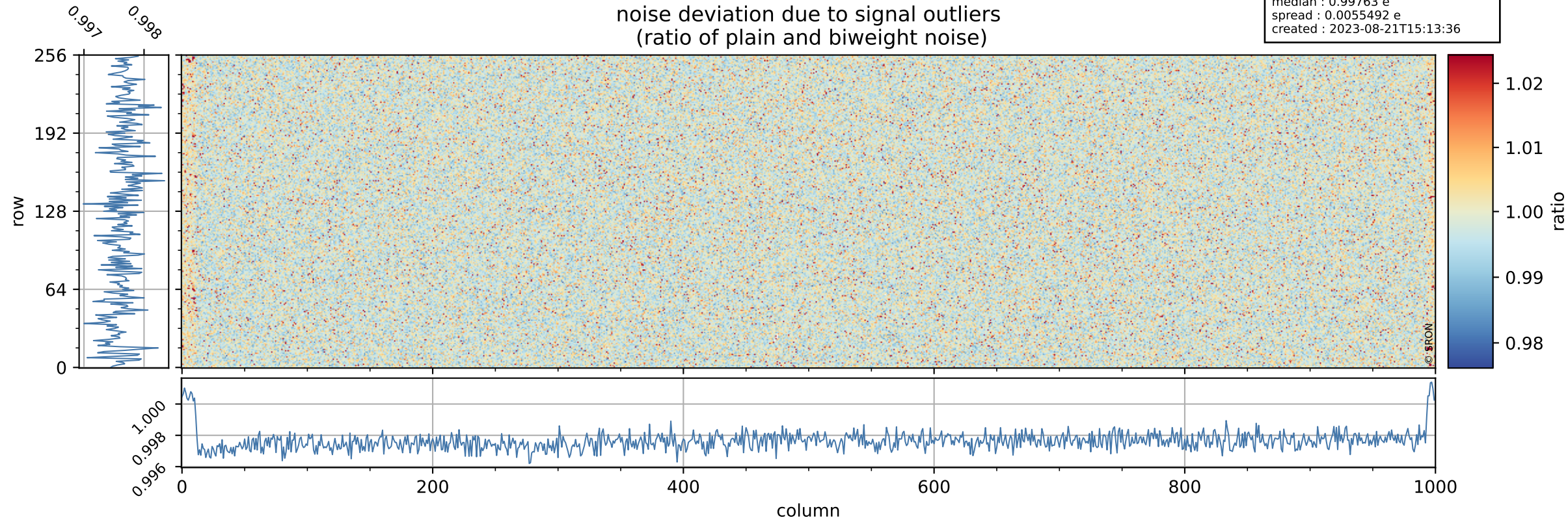
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

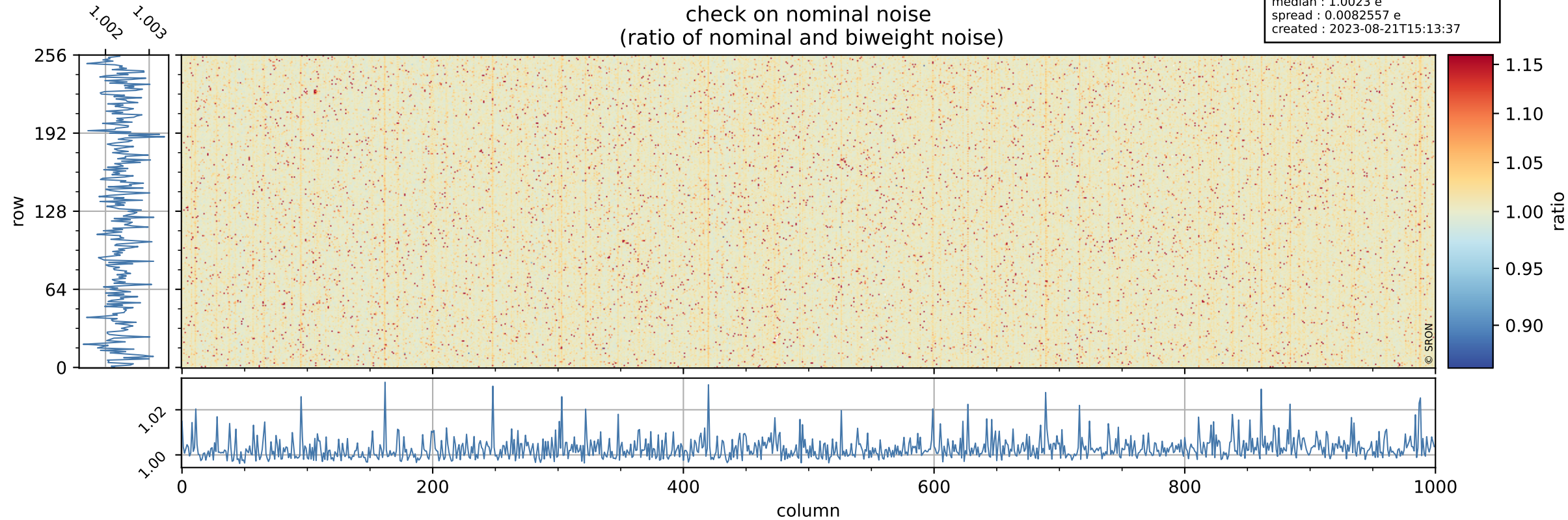
orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
median : 0.99763 e  
spread : 0.0055492 e  
created : 2023-08-21T15:13:36



# Tropomi SWIR background noise (swir)

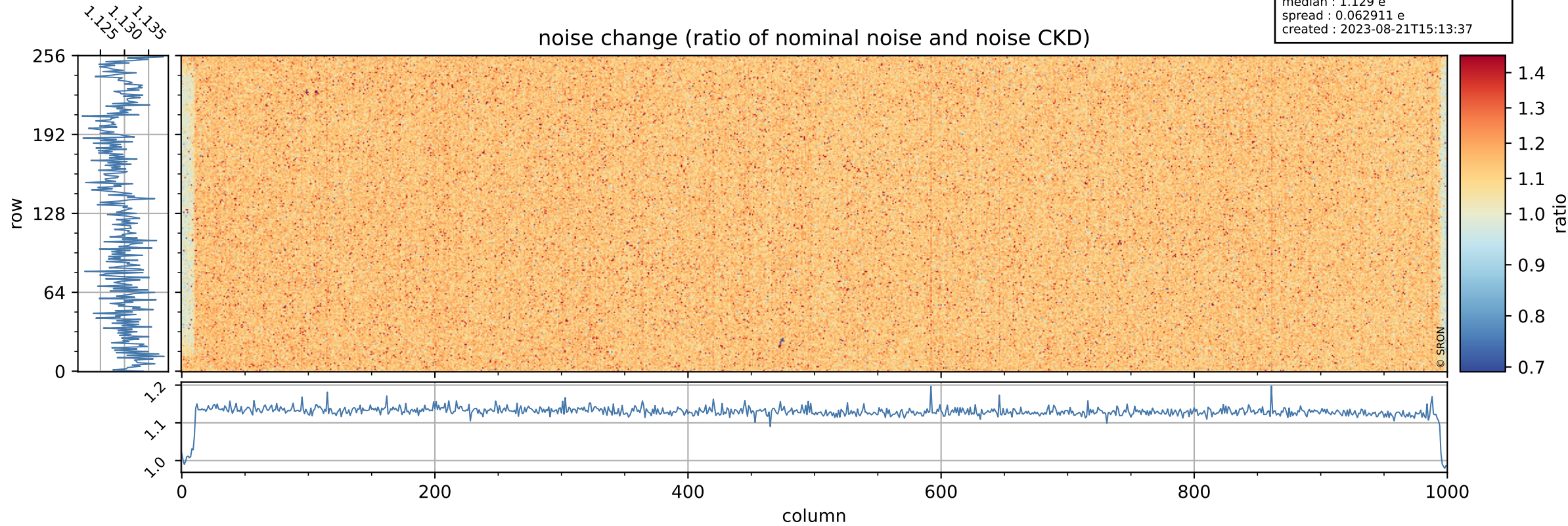
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
median : 1.0023 e  
spread : 0.0082557 e  
created : 2023-08-21T15:13:37



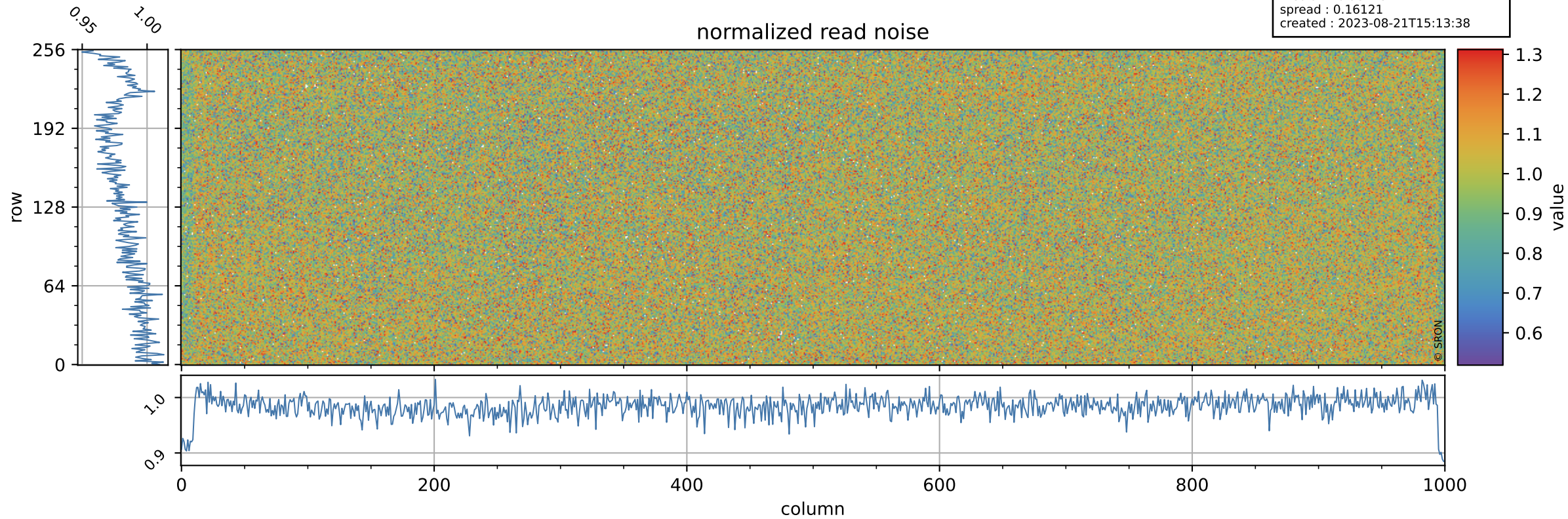
# Tropomi SWIR background noise (swir)

orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
median : 1.129 e  
spread : 0.062911 e  
created : 2023-08-21T15:13:37



# Tropomi SWIR background noise (swir)

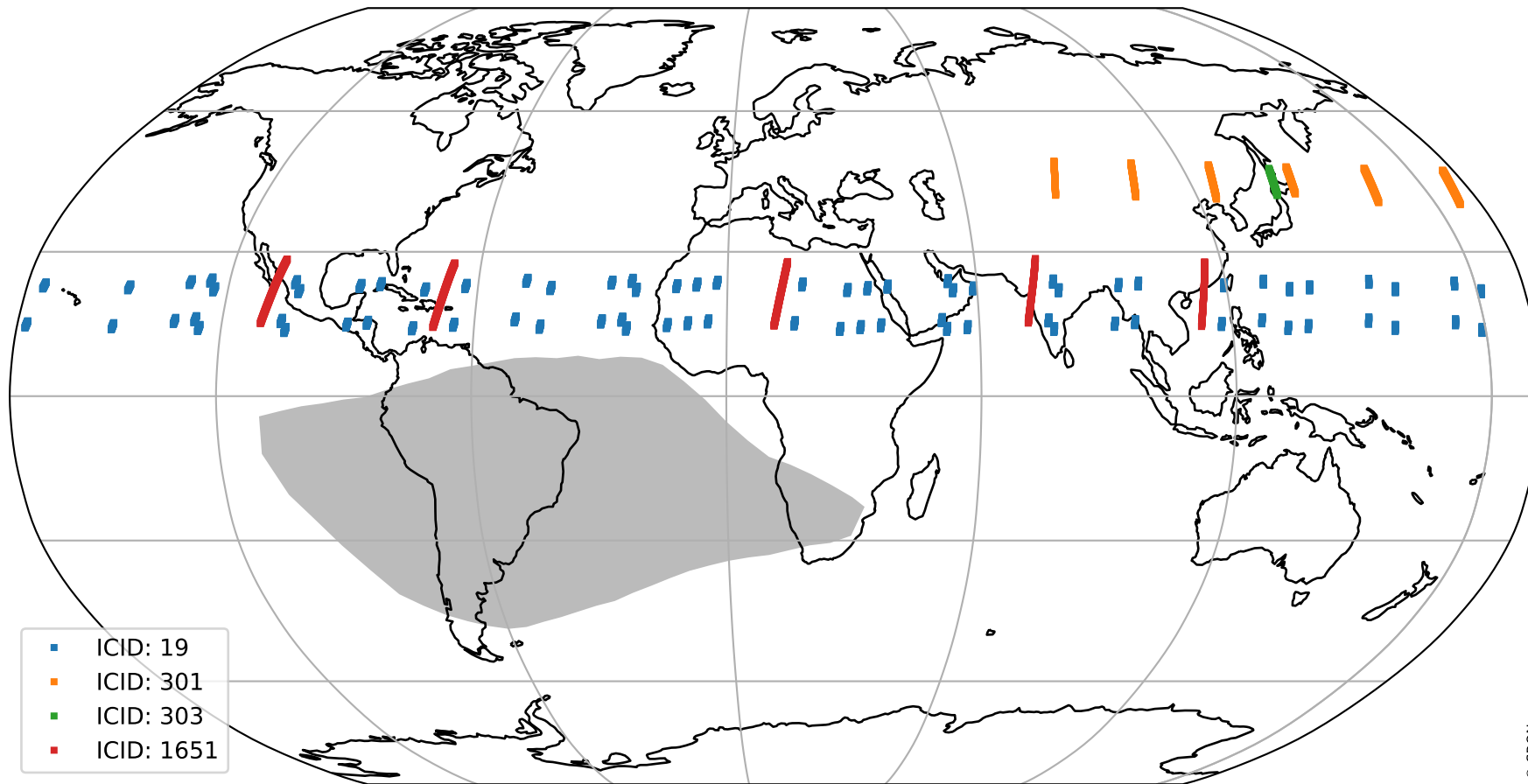
orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
median : 0.98273  
spread : 0.16121  
created : 2023-08-21T15:13:38





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

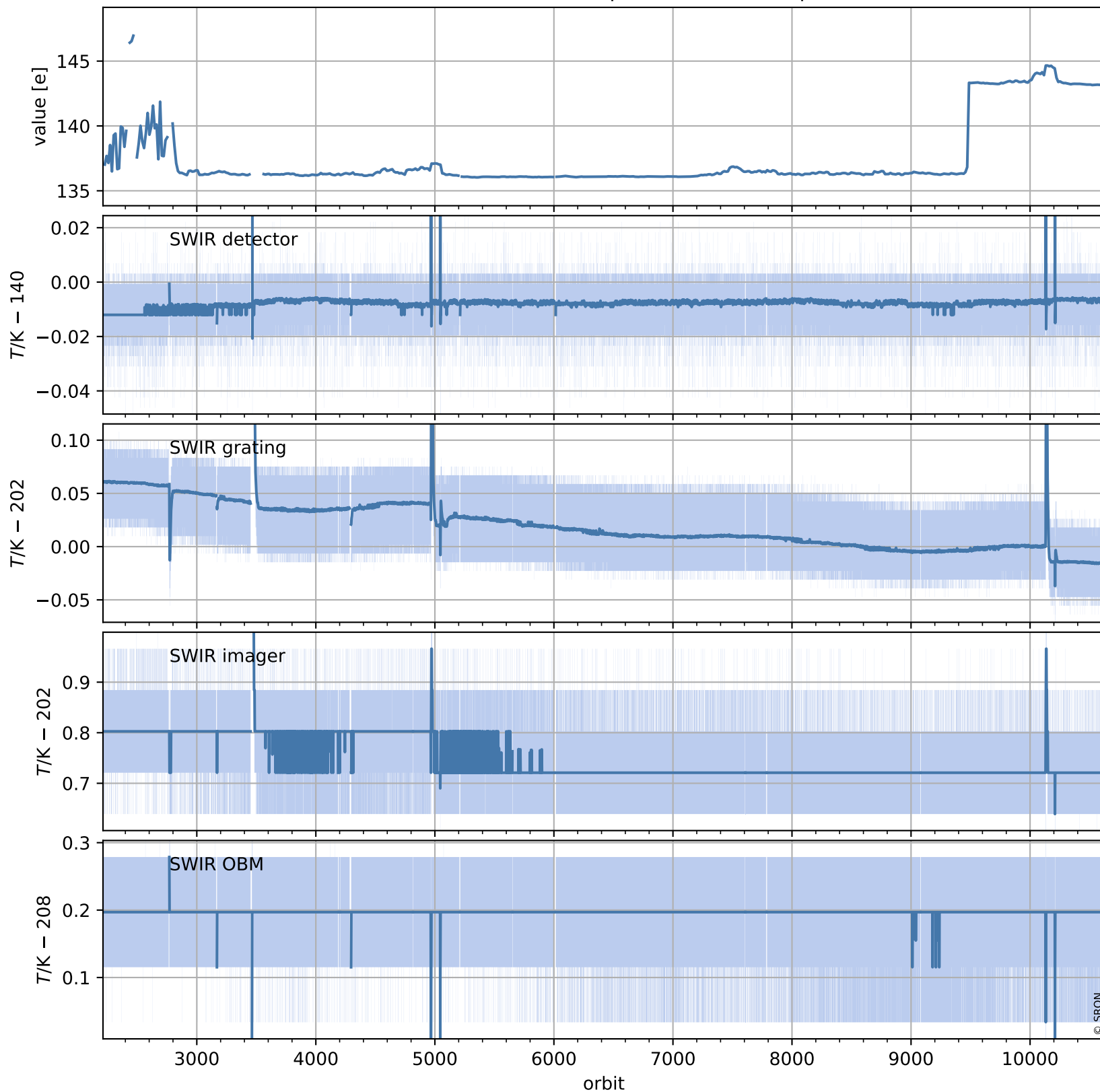
orbits : 12 in [10552, 10627]  
coverage : 2019-10-26 / 2019-10-31  
created : 2023-08-21T15:13:38



# Tropomi SWIR background noise (swir)

orbits : [2212, 10627]  
coverage : 2018-03-18 / 2019-10-31  
created : 2023-08-21T15:13:38

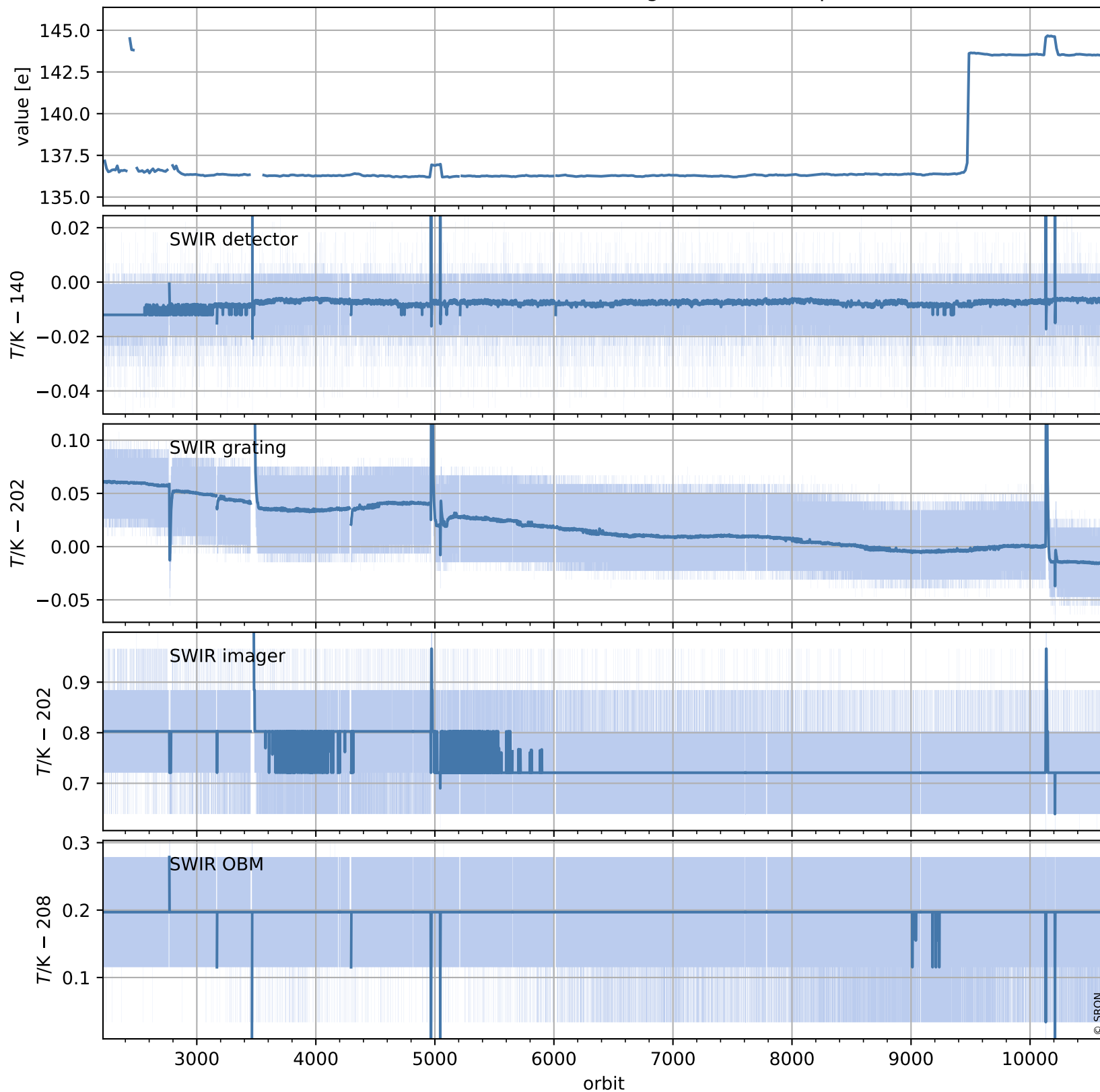
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10627]  
coverage : 2018-03-18 / 2019-10-31  
created : 2023-08-21T15:13:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10627]  
coverage : 2018-03-18 / 2019-10-31  
created : 2023-08-21T15:13:40

## trend of normalized read-noise & temperatures

