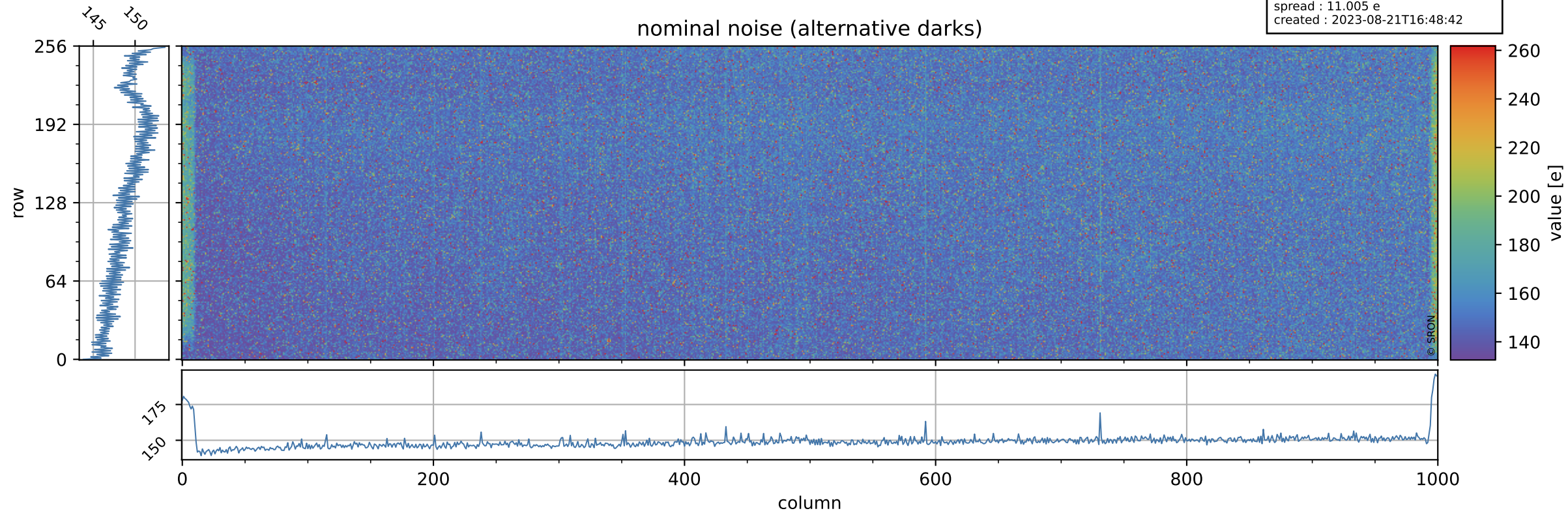


# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
n\_coad, t\_exp : 1, 1.0783  
median : 148.82 e  
spread : 11.005 e  
created : 2023-08-21T16:48:42

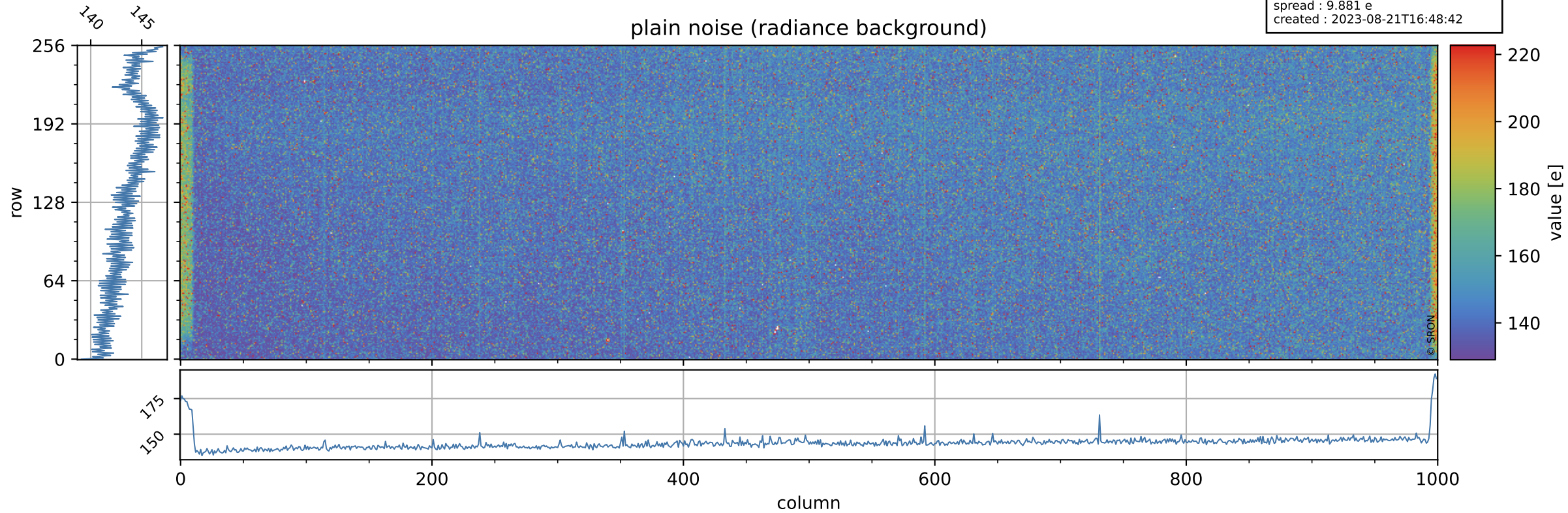
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.881 e  
created : 2023-08-21T16:48:42

## plain noise (radiance background)

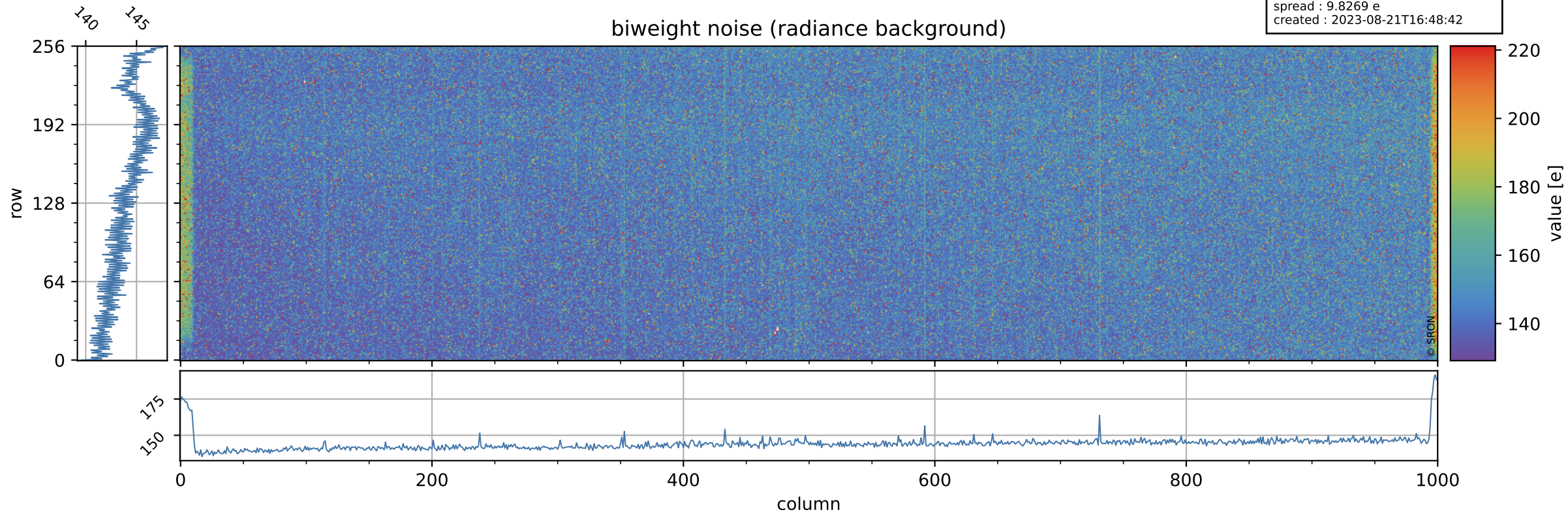




# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 9.8269 e  
created : 2023-08-21T16:48:42

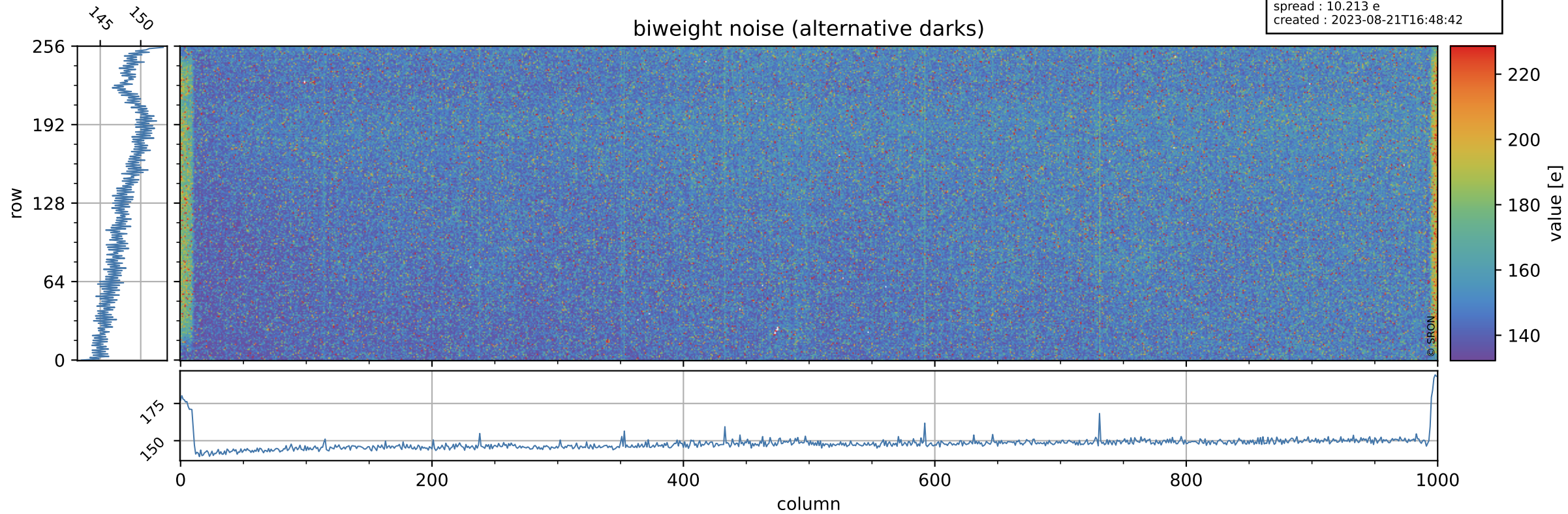
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
n\_coad, t\_exp : 1, 1.0783  
median : 147.81 e  
spread : 10.213 e  
created : 2023-08-21T16:48:42

## biweight noise (alternative darks)

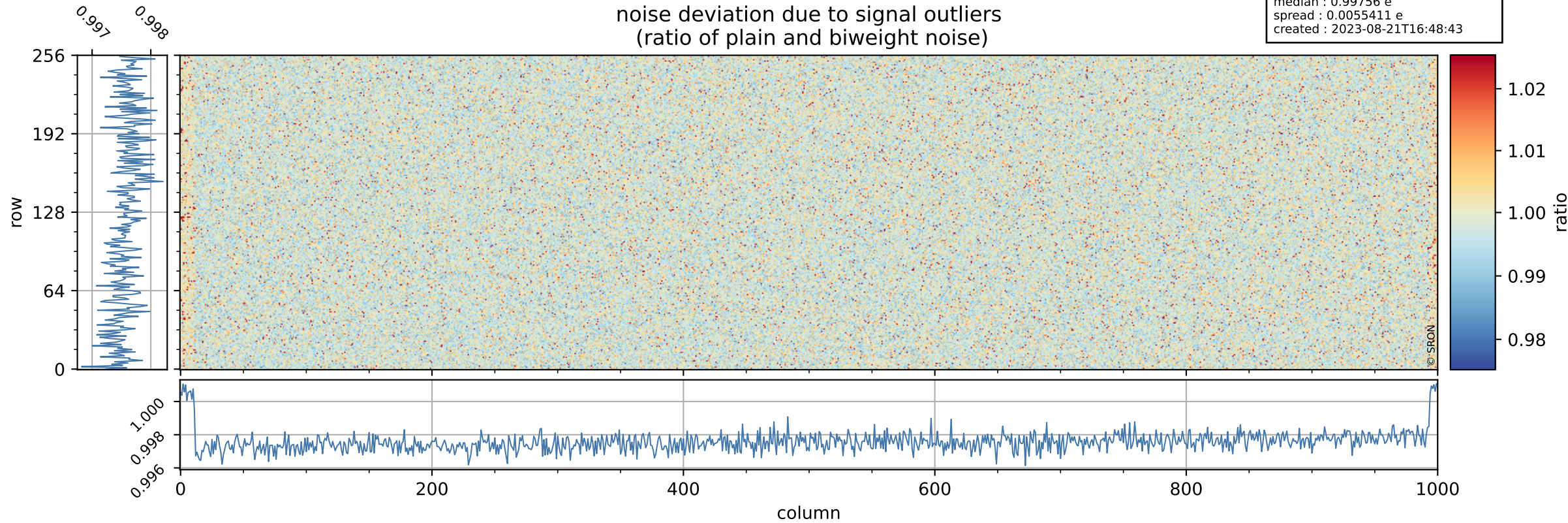




# Tropomi SWIR background noise (swir)

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

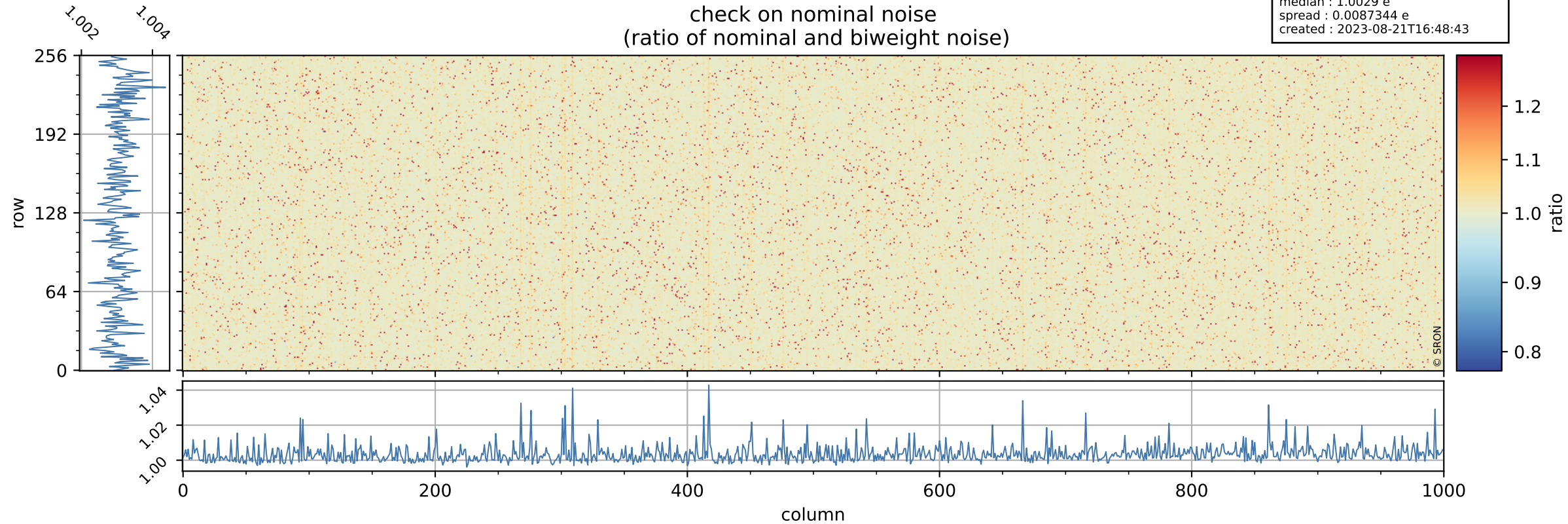
orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
median : 0.99756 e  
spread : 0.0055411 e  
created : 2023-08-21T16:48:43



# Tropomi SWIR background noise (swir)

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

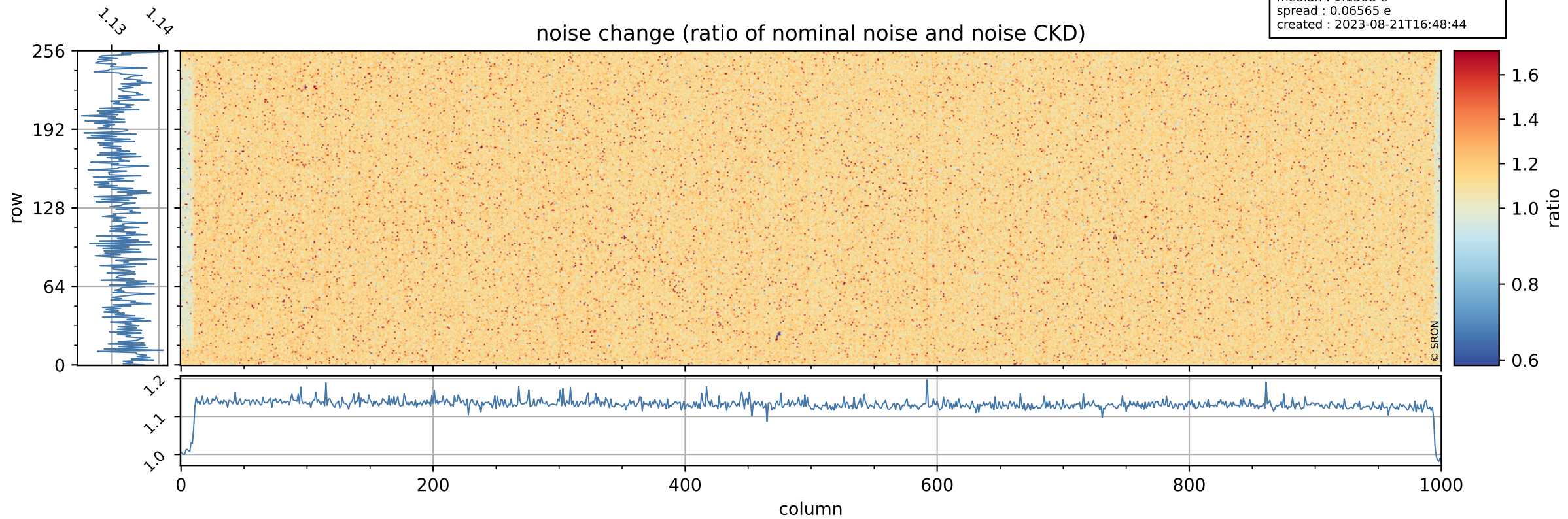
orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
median : 1.0029 e  
spread : 0.0087344 e  
created : 2023-08-21T16:48:43





# Tropomi SWIR background noise (swir)

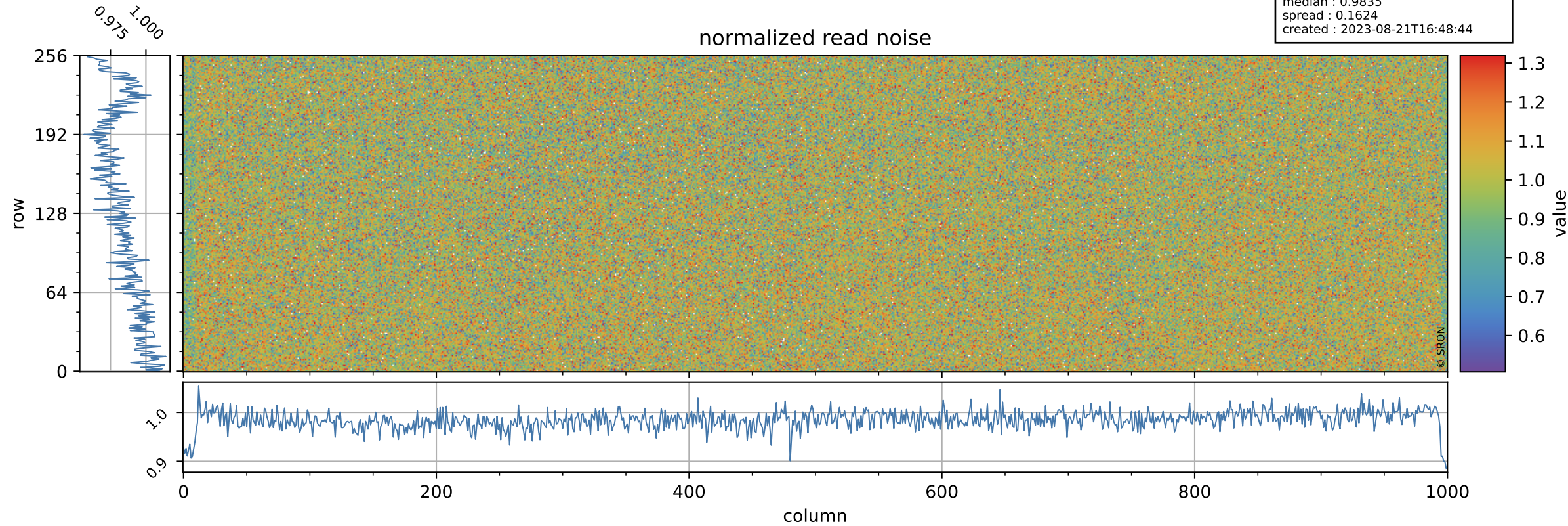
orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
median : 1.1308 e  
spread : 0.06565 e  
created : 2023-08-21T16:48:44





# Tropomi SWIR background noise (swir)

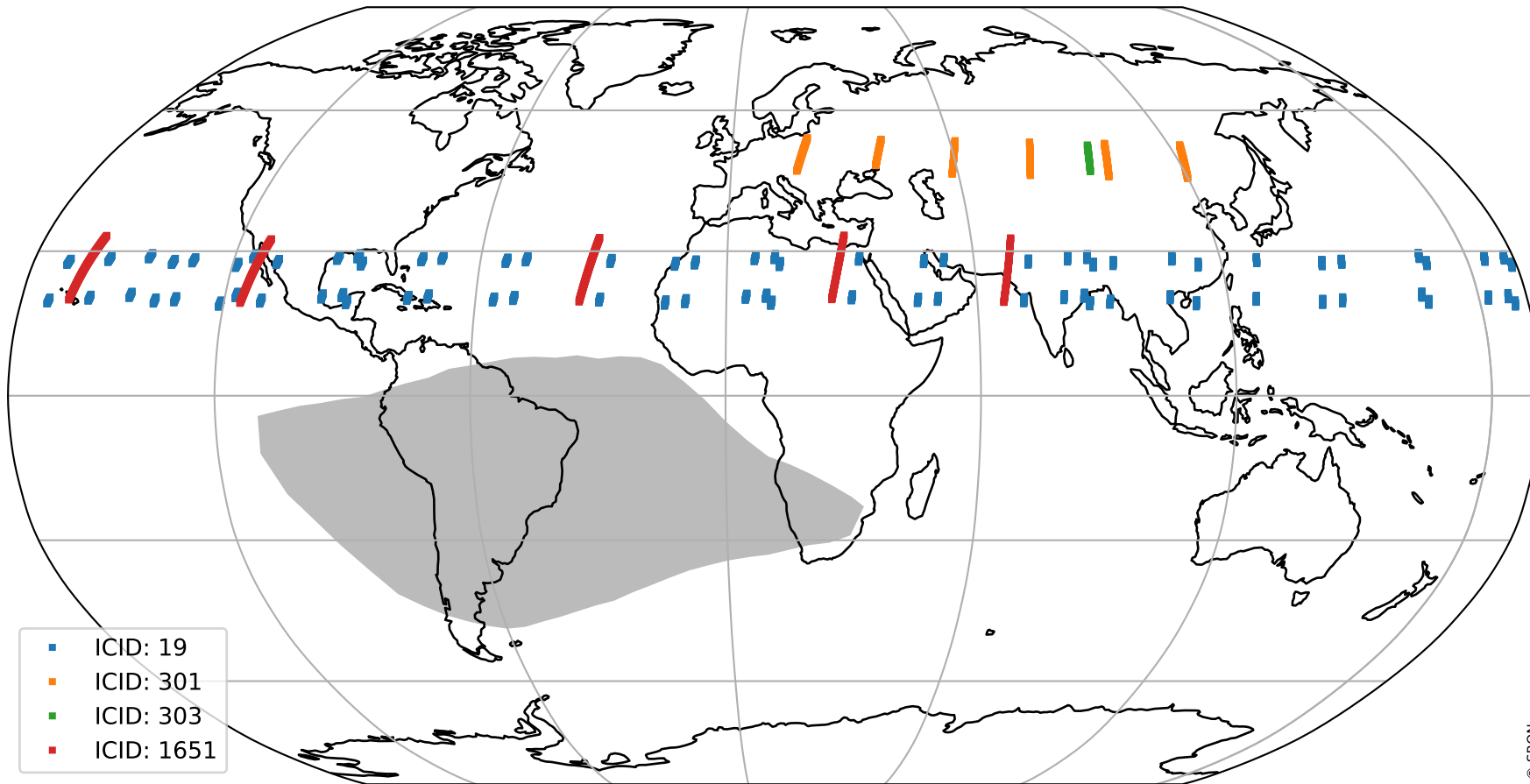
orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
median : 0.9835  
spread : 0.1624  
created : 2023-08-21T16:48:44





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

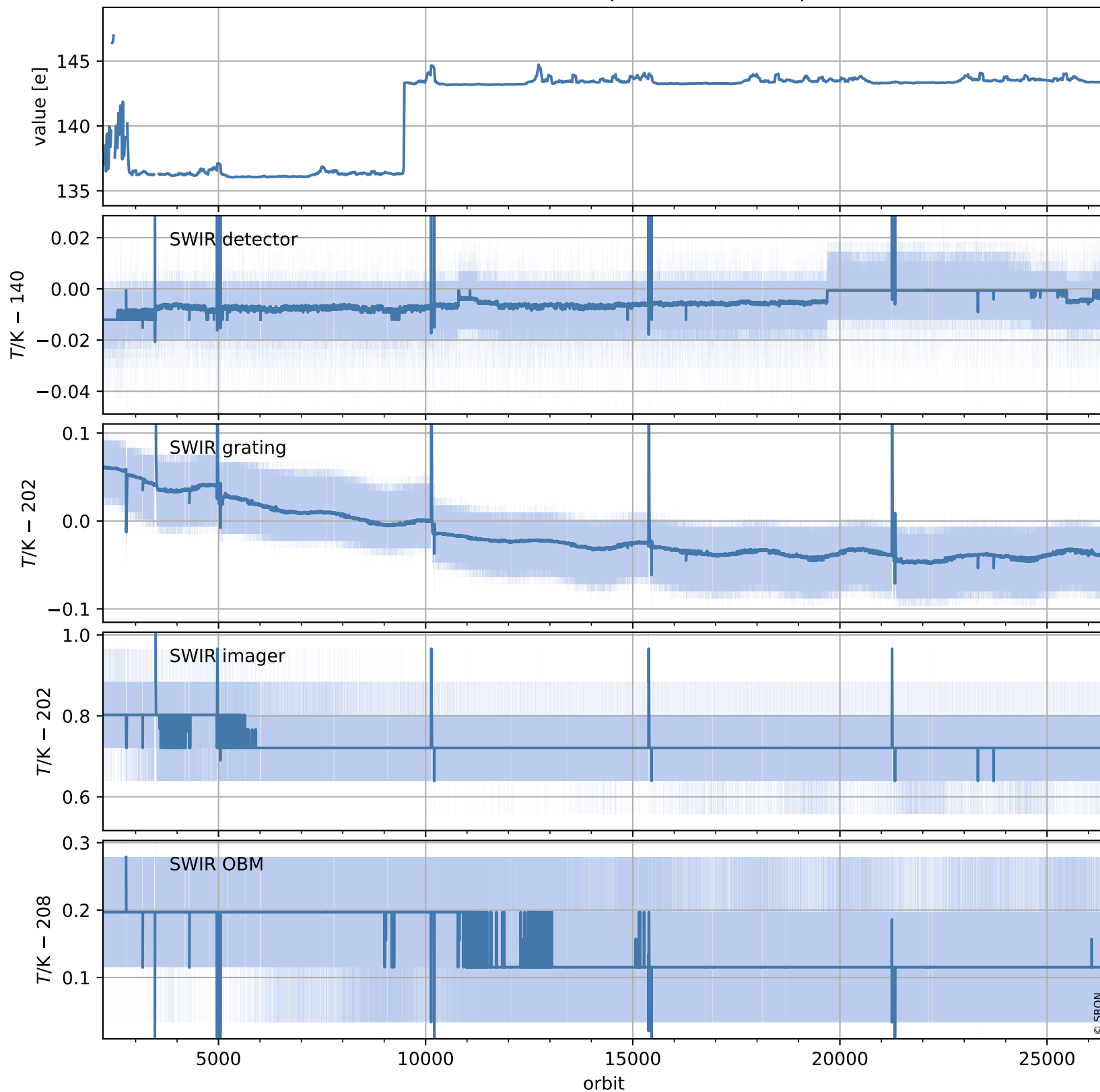
orbits : 12 in [26317, 26392]  
coverage : 2022-11-10 / 2022-11-16  
created : 2023-08-21T16:48:44



# Tropomi SWIR background noise (swir)

orbits : [2212, 26392]  
coverage : 2018-03-18 / 2022-11-16  
created : 2023-08-21T16:48:44

## trend of detector median of plain noise & temperatures

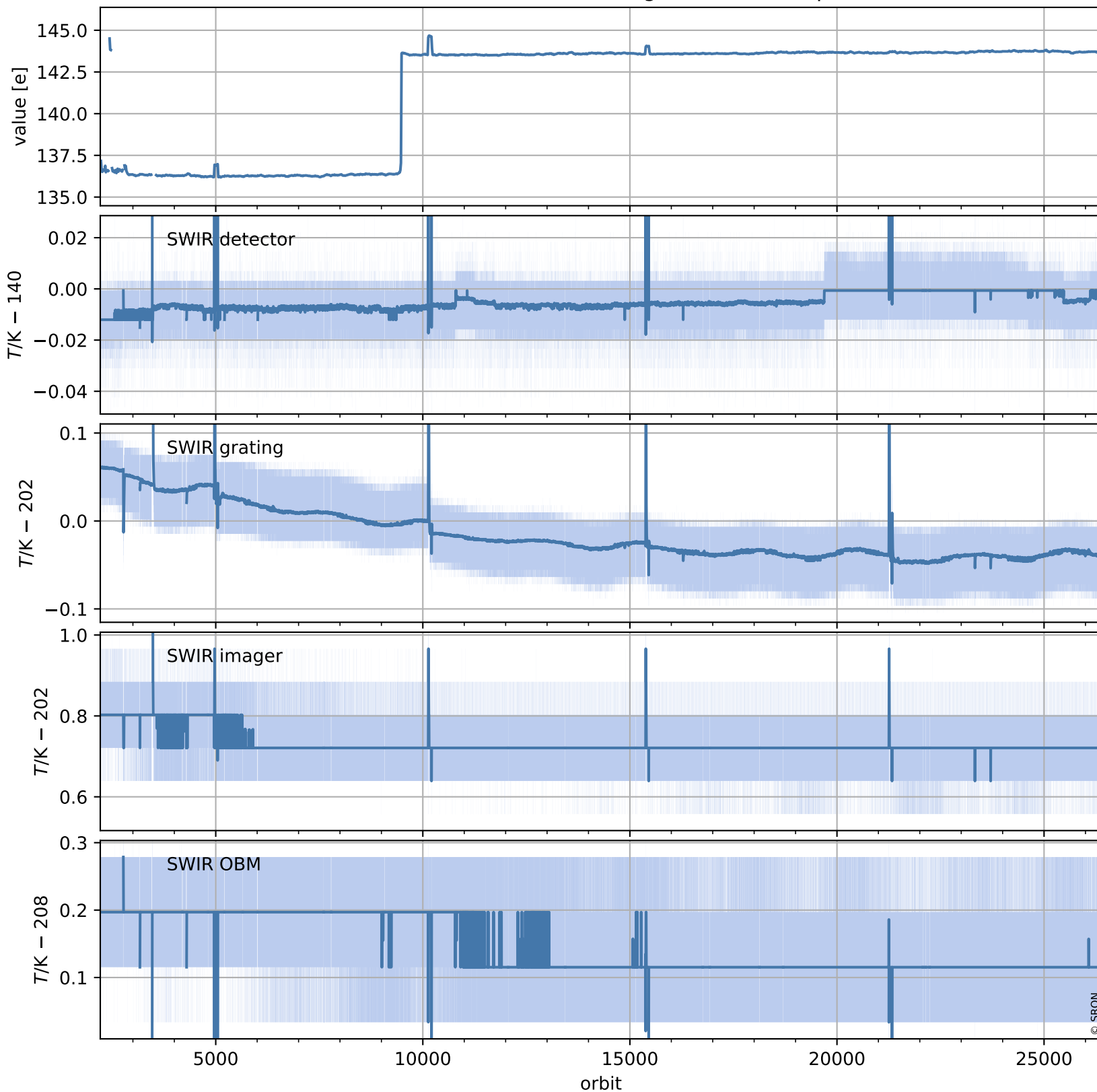




# Tropomi SWIR background noise (swir)

orbits : [2212, 26392]  
coverage : 2018-03-18 / 2022-11-16  
created : 2023-08-21T16:48:45

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 26392]  
coverage : 2018-03-18 / 2022-11-16  
created : 2023-08-21T16:48:46

## trend of normalized read-noise & temperatures

