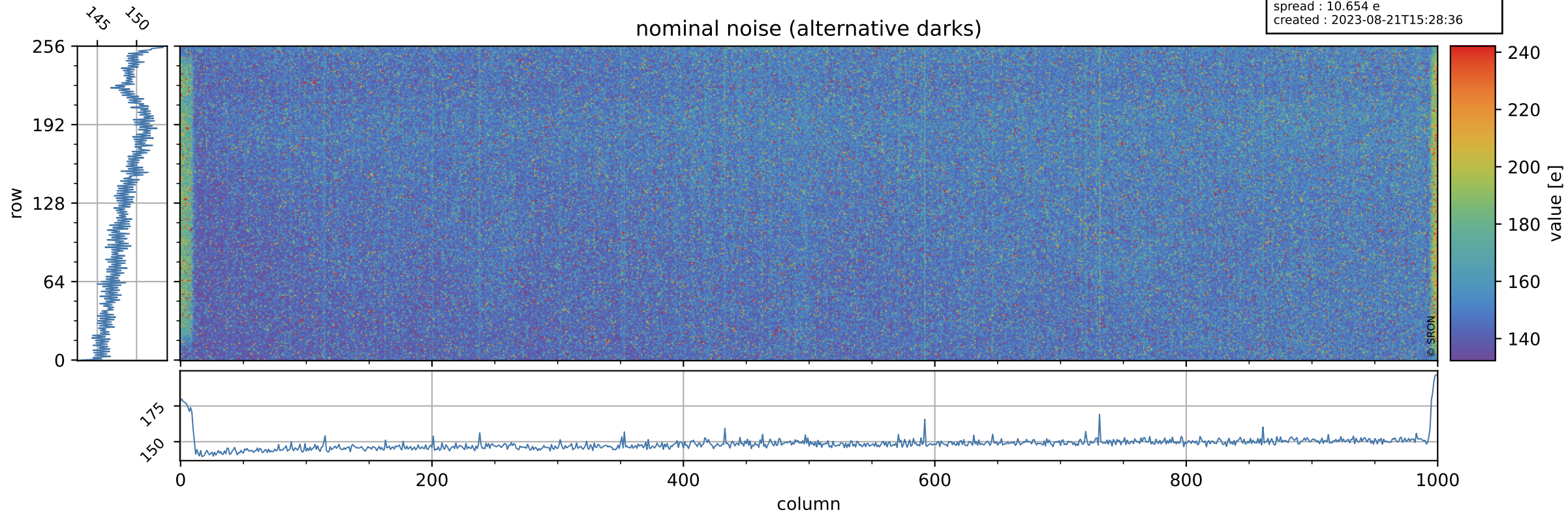


# Tropomi SWIR background noise (swir)

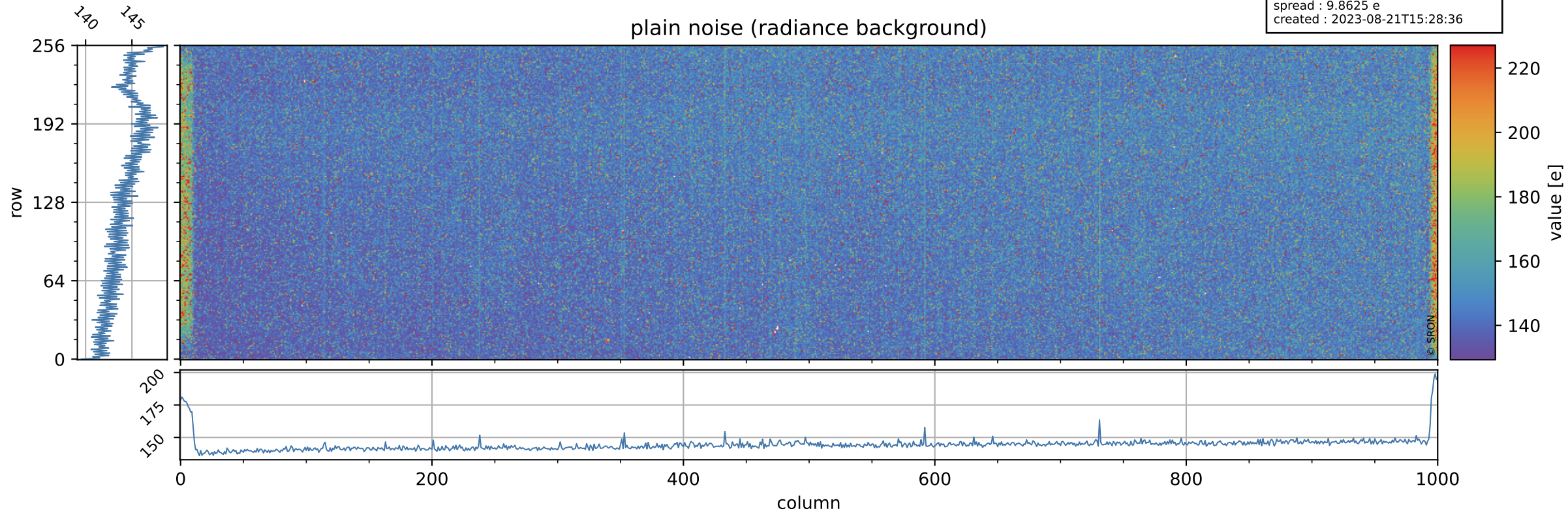
orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.41 e  
spread : 10.654 e  
created : 2023-08-21T15:28:36



# Tropomi SWIR background noise (swir)

orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
n\_coad, t\_exp : 1, 0.8383  
median : 144.07 e  
spread : 9.8625 e  
created : 2023-08-21T15:28:36

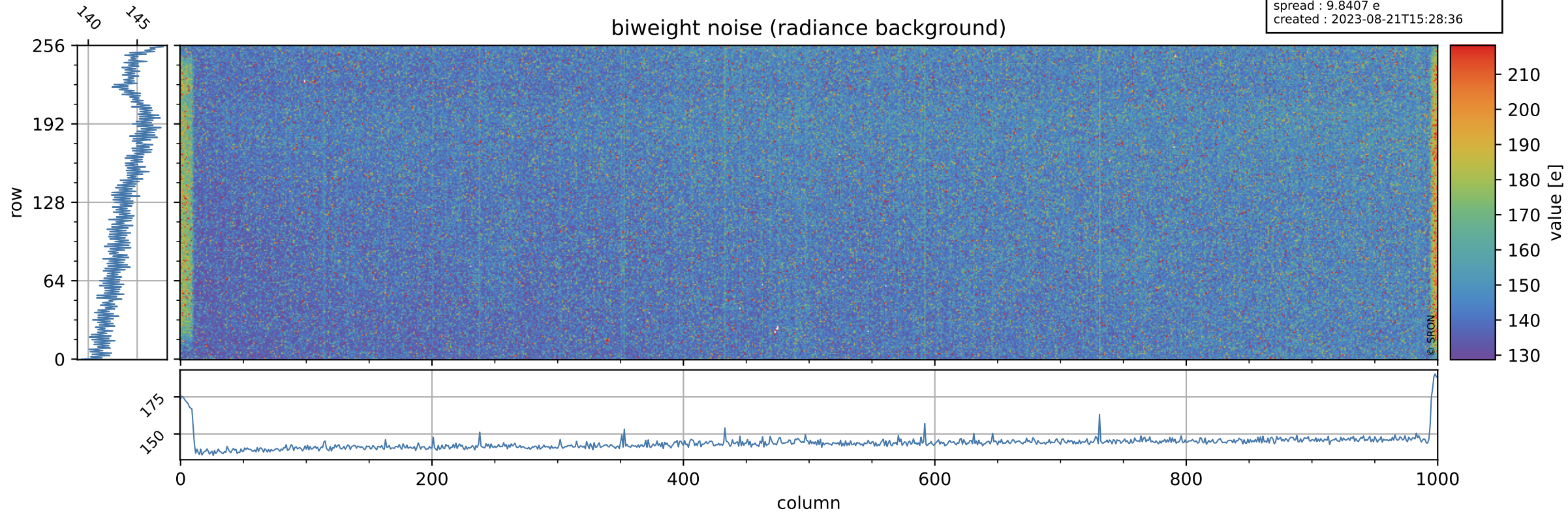
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.7 e  
spread : 9.8407 e  
created : 2023-08-21T15:28:36

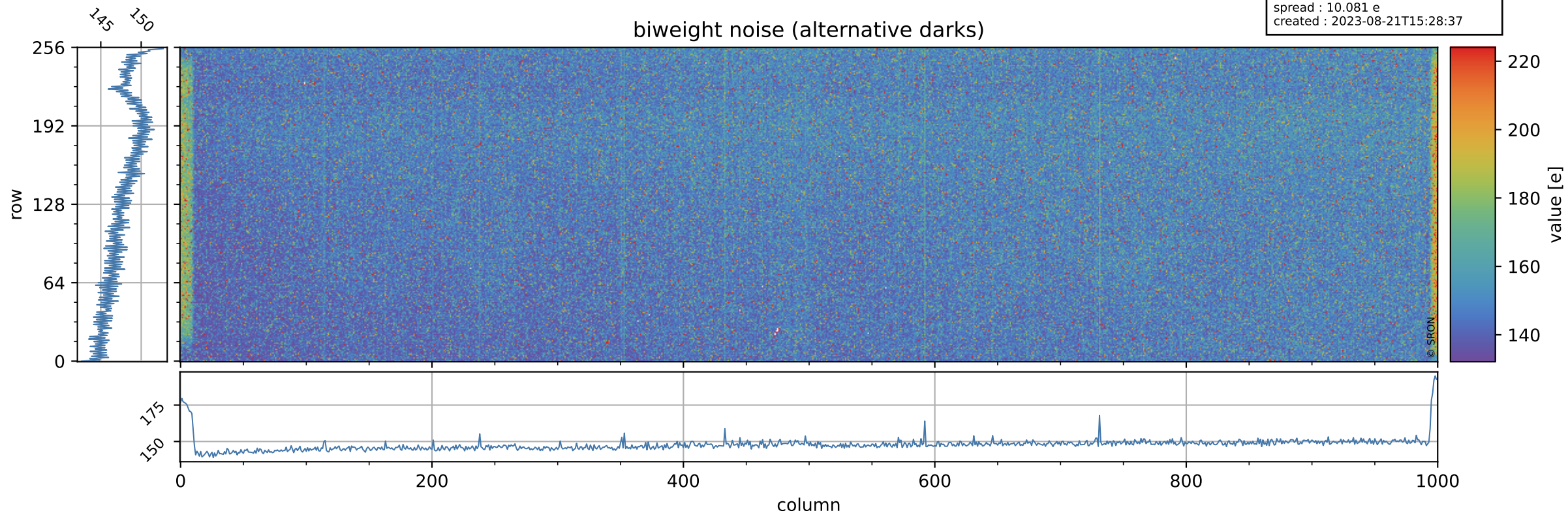
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 10.081 e  
created : 2023-08-21T15:28:37

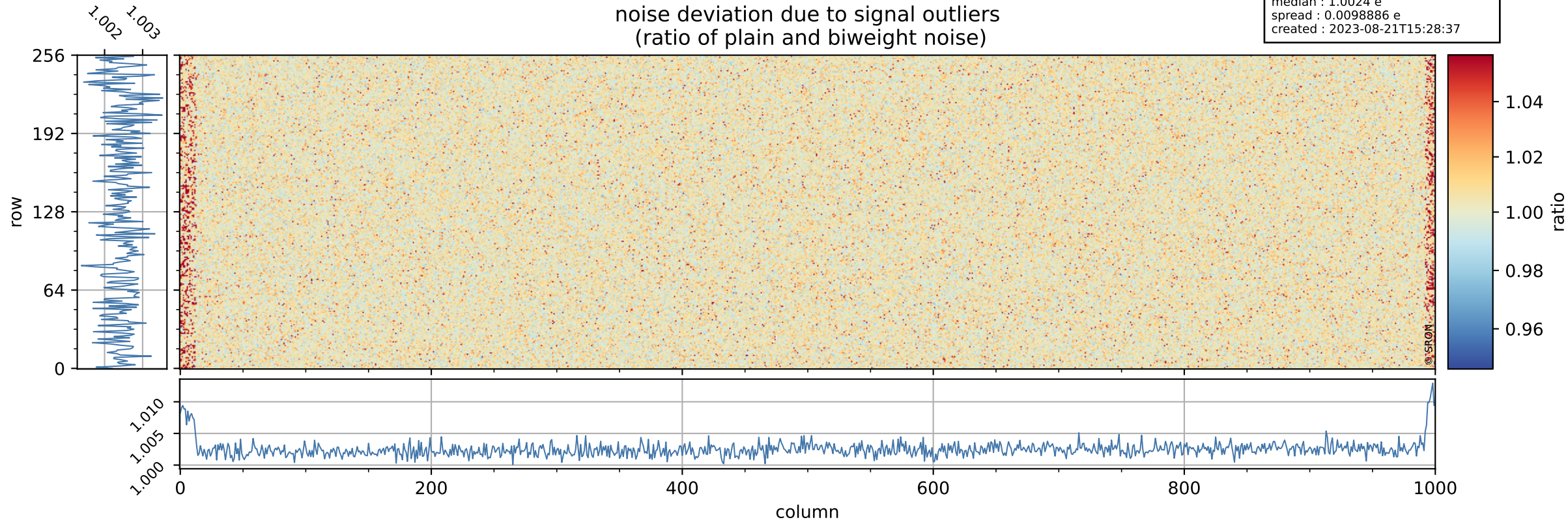
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

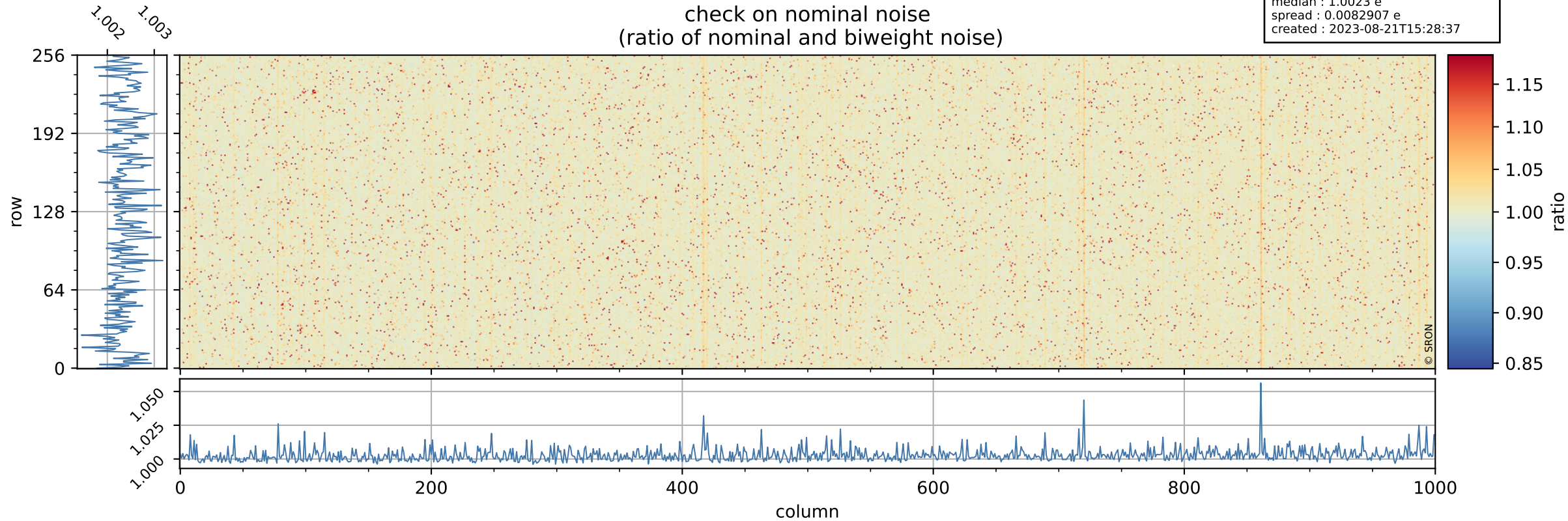
orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
median : 1.0024 e  
spread : 0.0098886 e  
created : 2023-08-21T15:28:37



# Tropomi SWIR background noise (swir)

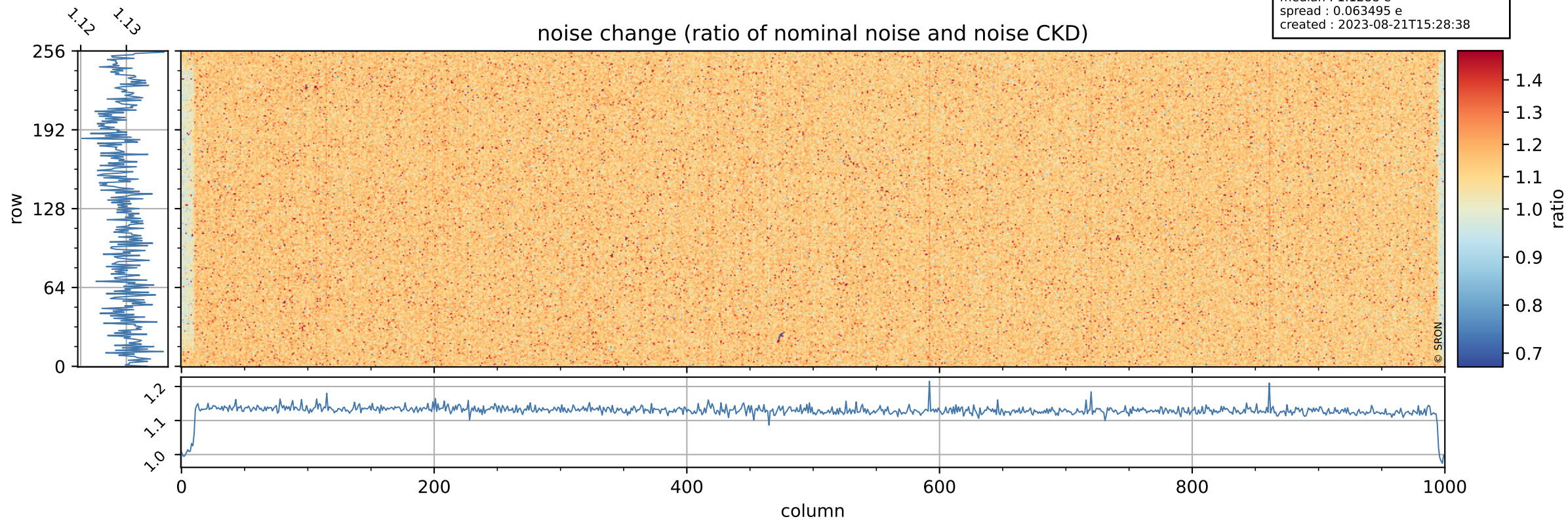
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
median : 1.0023 e  
spread : 0.0082907 e  
created : 2023-08-21T15:28:37



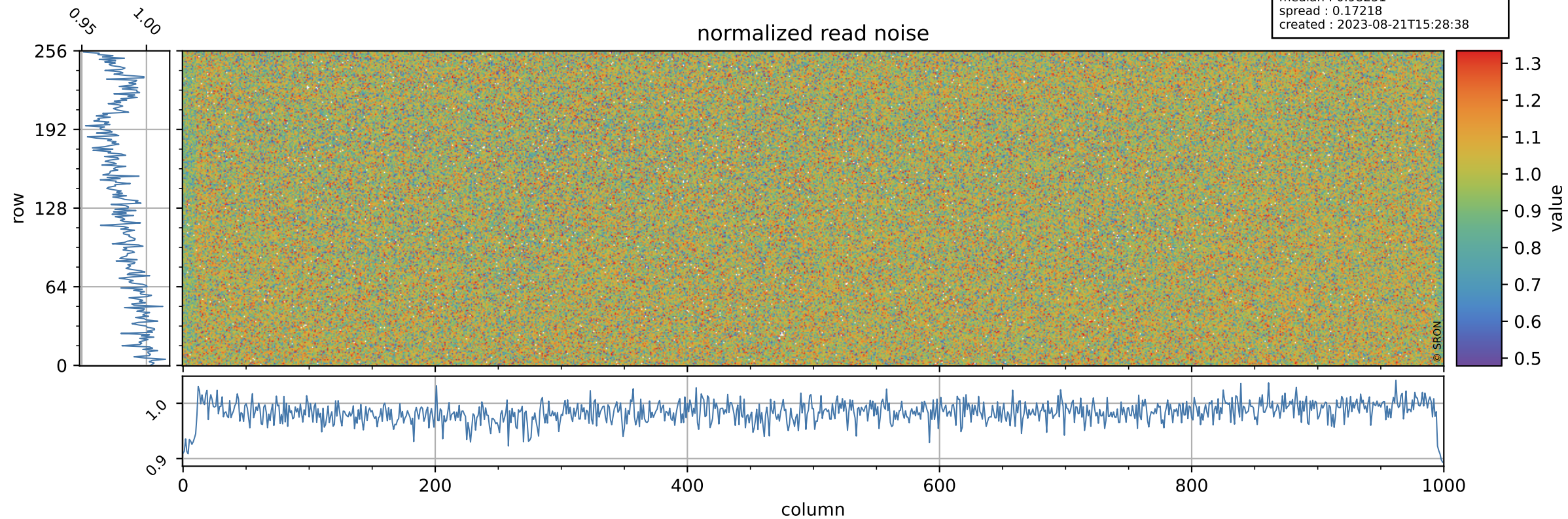
# Tropomi SWIR background noise (swir)

orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
median : 1.1288 e  
spread : 0.063495 e  
created : 2023-08-21T15:28:38



# Tropomi SWIR background noise (swir)

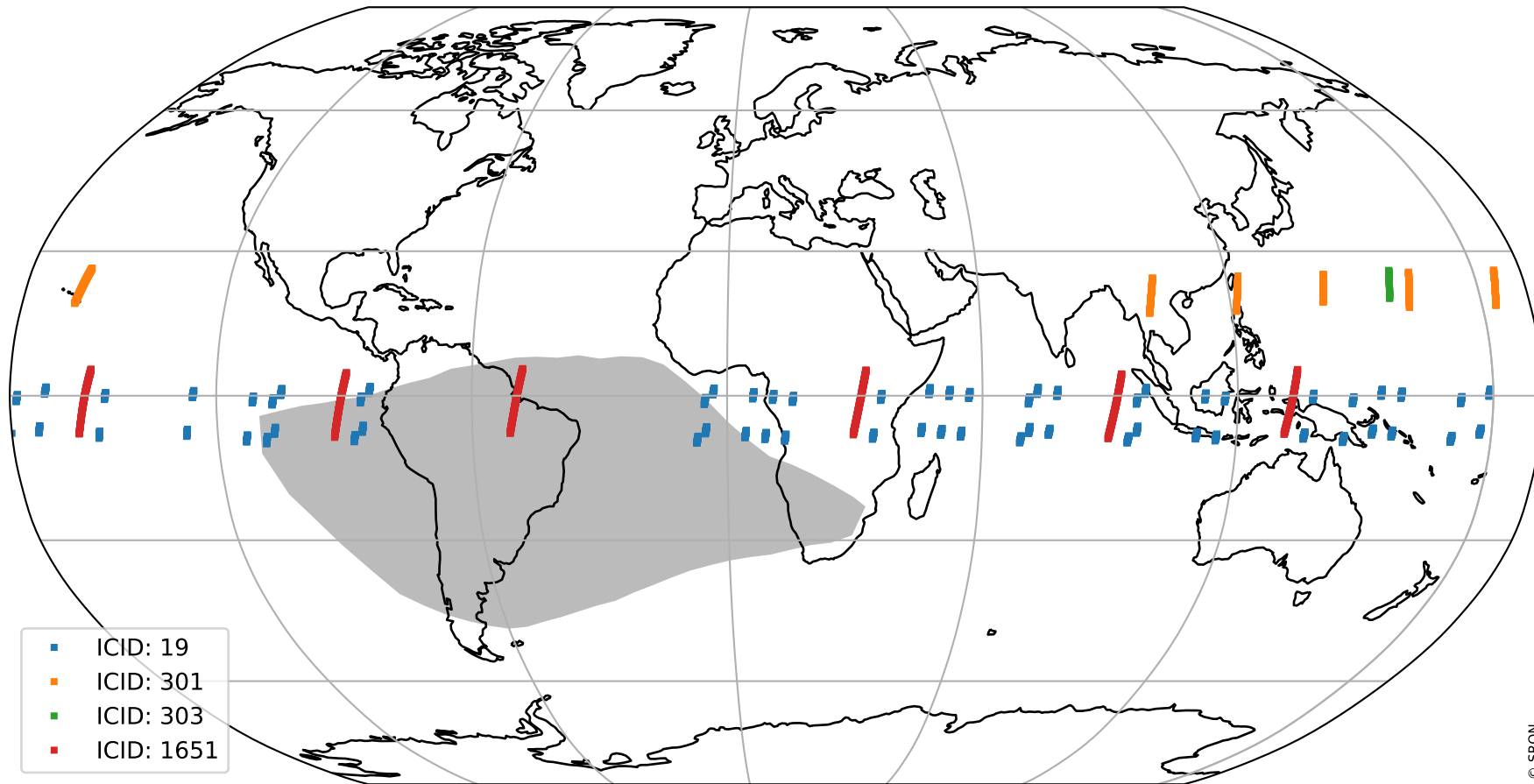
orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
median : 0.98251  
spread : 0.17218  
created : 2023-08-21T15:28:38





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

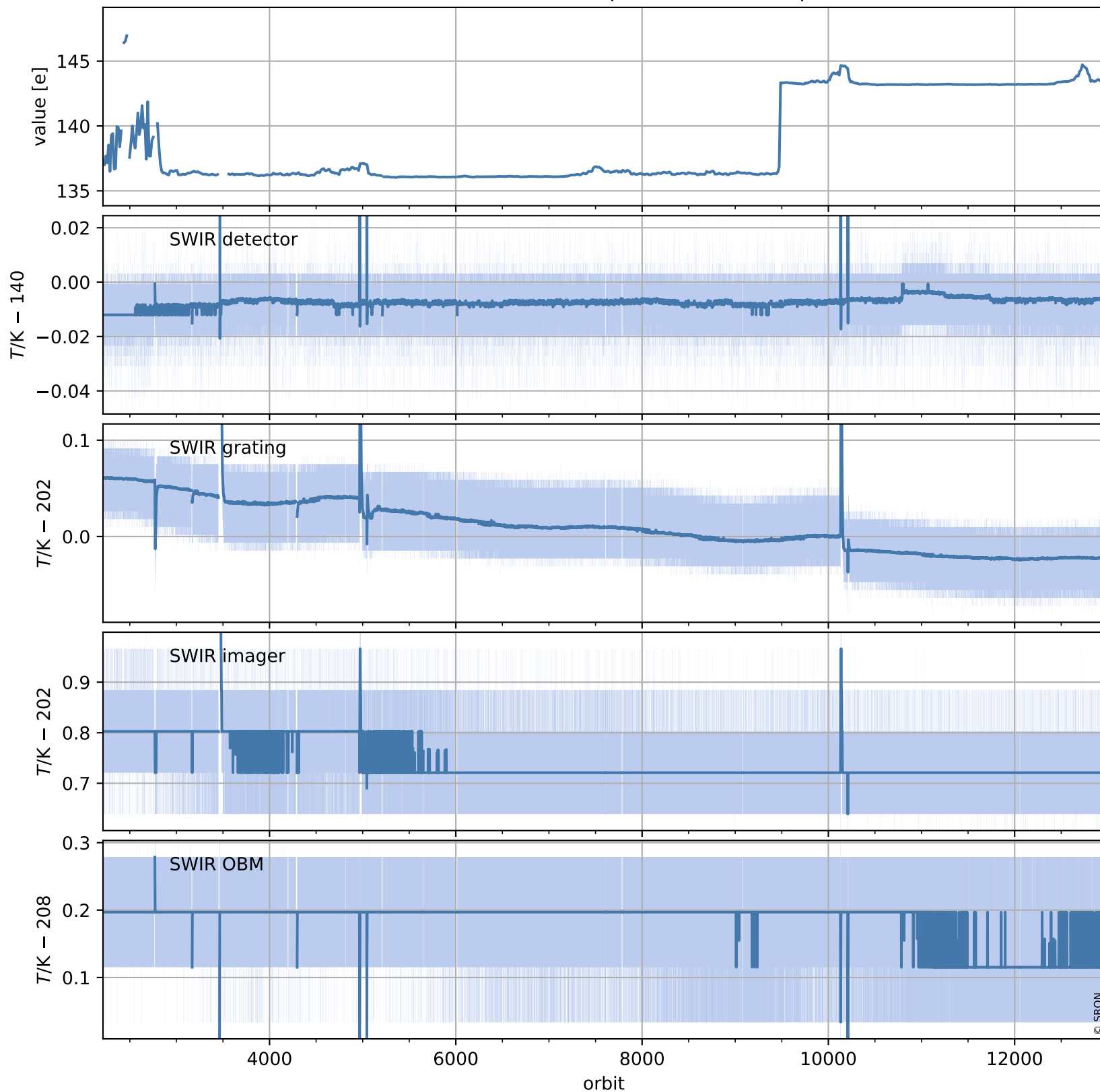
orbits : 13 in [12892, 12967]  
coverage : 2020-04-08 / 2020-04-13  
created : 2023-08-21T15:28:38



# Tropomi SWIR background noise (swir)

orbits : [2212, 12967]  
coverage : 2018-03-18 / 2020-04-13  
created : 2023-08-21T15:28:38

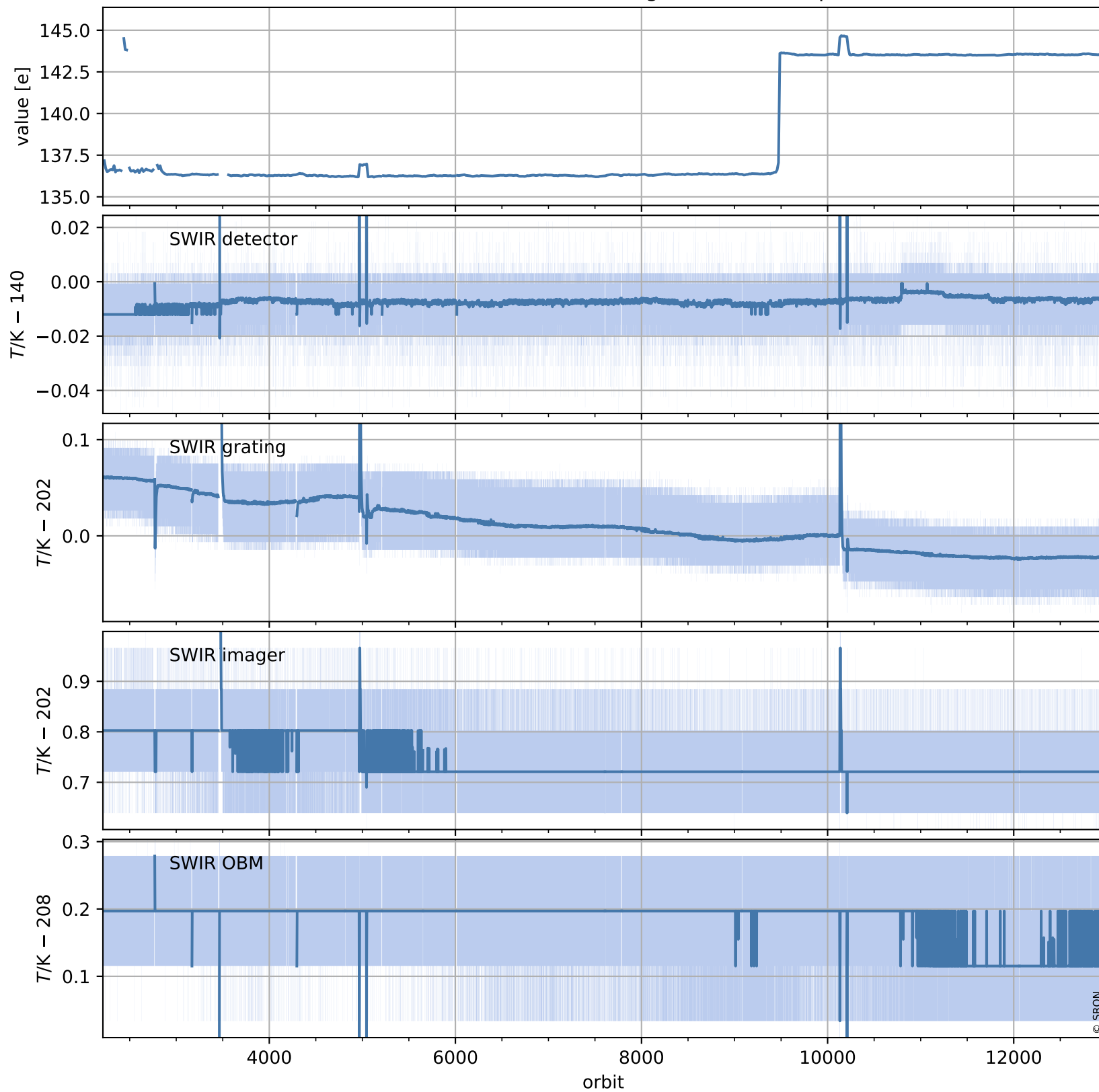
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 12967]  
coverage : 2018-03-18 / 2020-04-13  
created : 2023-08-21T15:28:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 12967]  
coverage : 2018-03-18 / 2020-04-13  
created : 2023-08-21T15:28:40

## trend of normalized read-noise & temperatures

