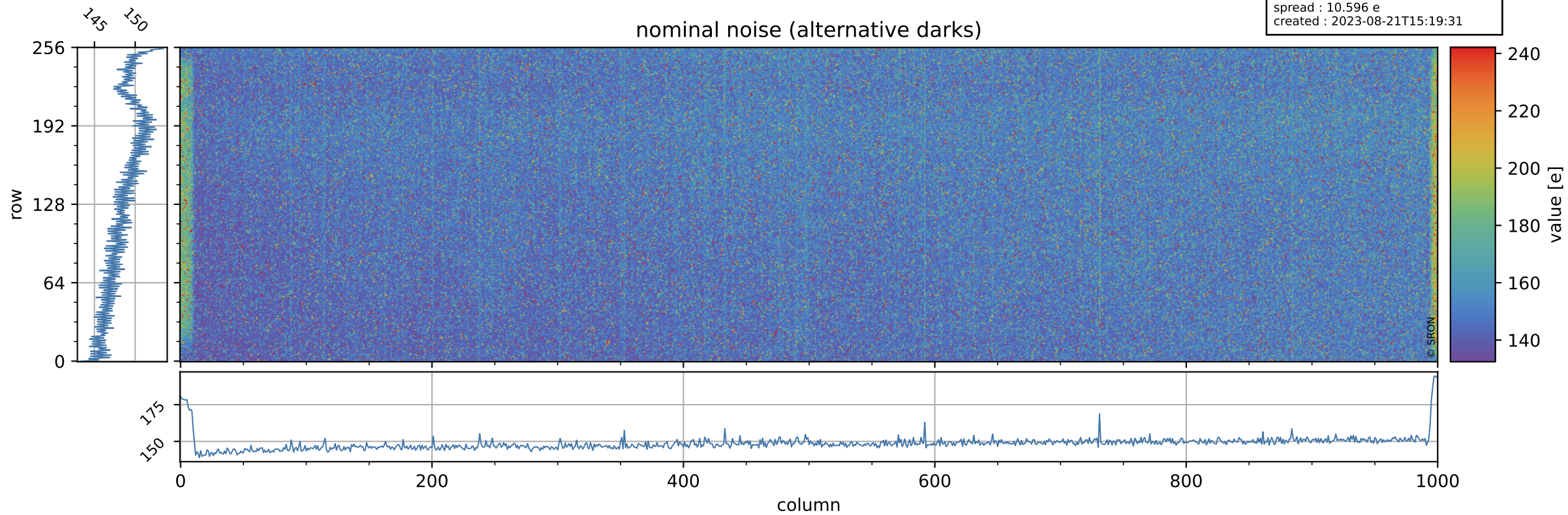


# Tropomi SWIR background noise (swir)

orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.46 e  
spread : 10.596 e  
created : 2023-08-21T15:19:31

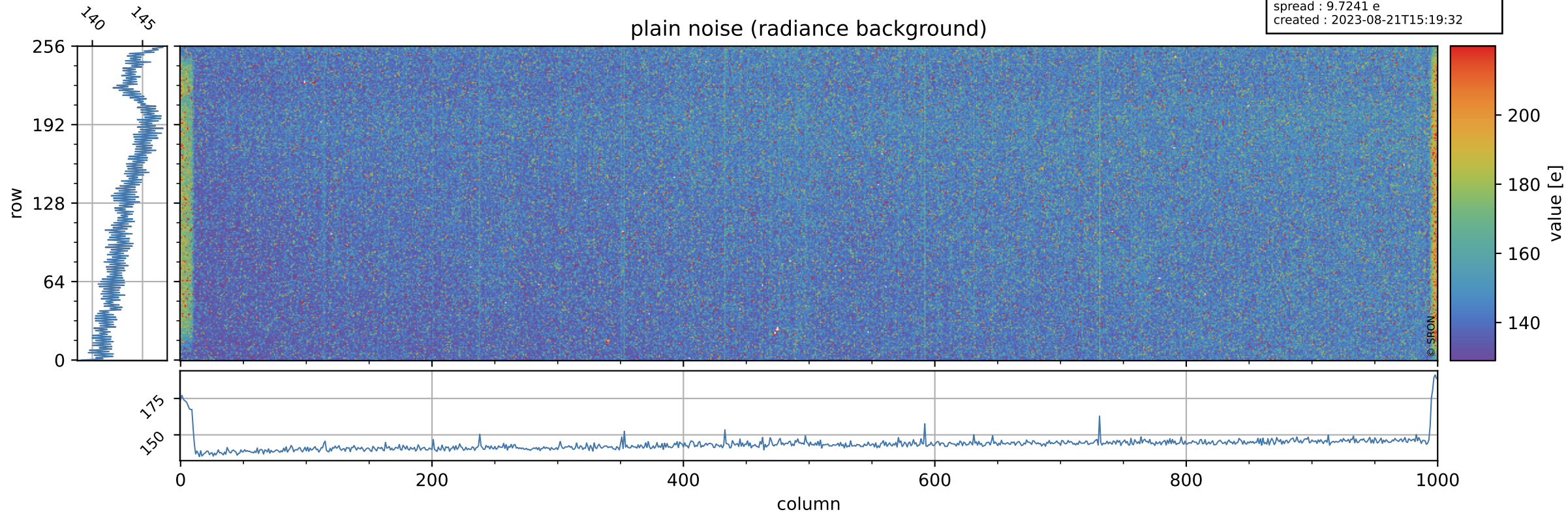
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7241 e  
created : 2023-08-21T15:19:32

## plain noise (radiance background)

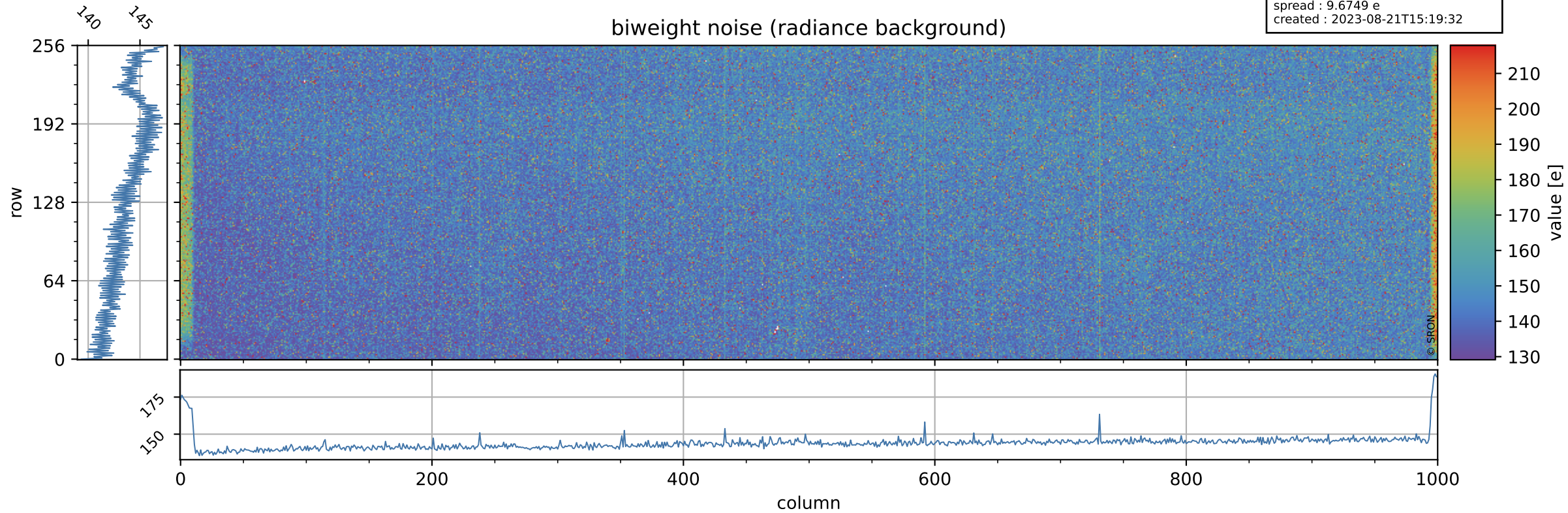




# Tropomi SWIR background noise (swir)

orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.6749 e  
created : 2023-08-21T15:19:32

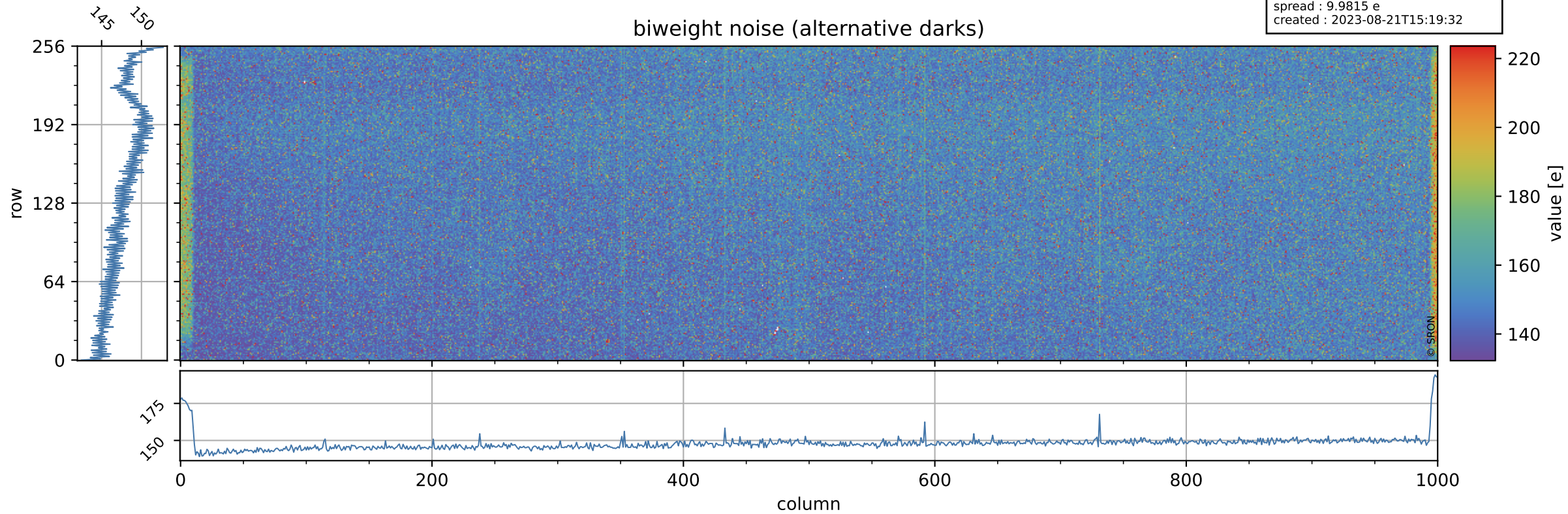
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 9.9815 e  
created : 2023-08-21T15:19:32

## biweight noise (alternative darks)

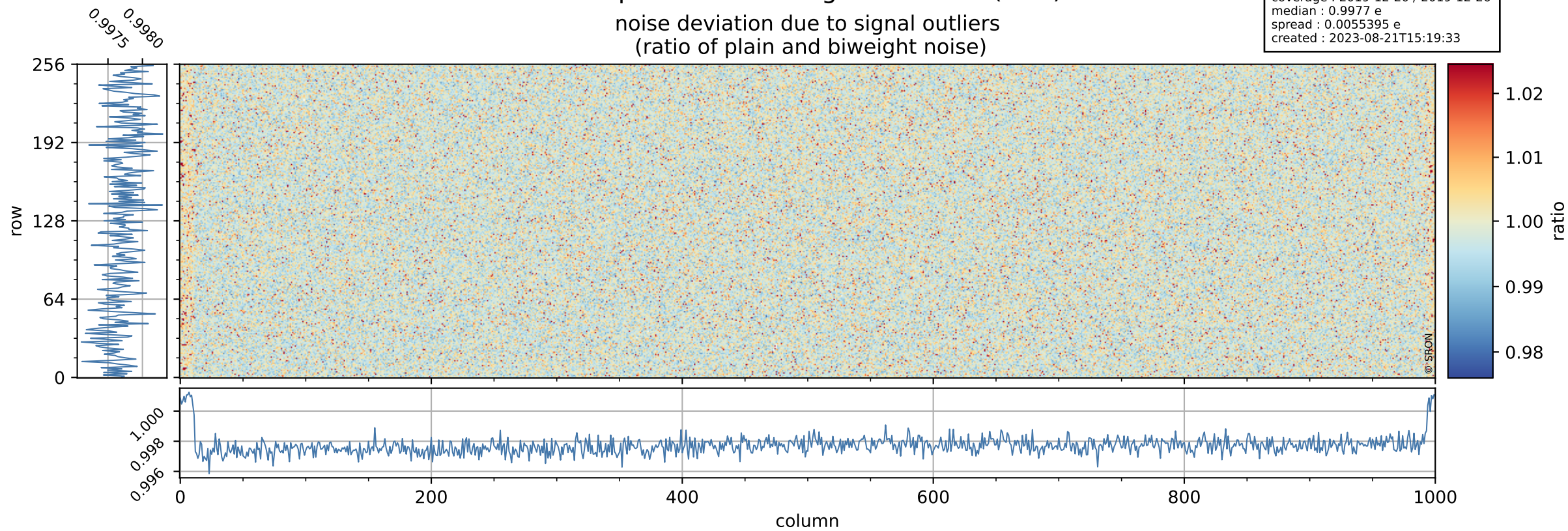




# Tropomi SWIR background noise (swir)

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

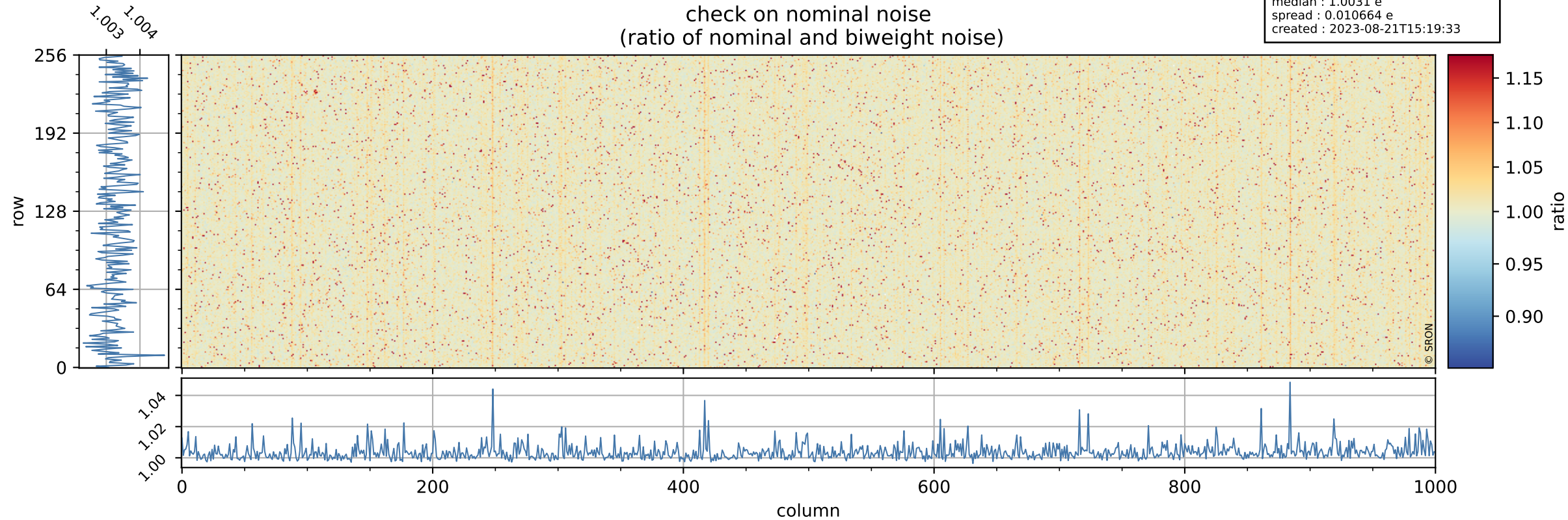
orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
median : 0.9977 e  
spread : 0.0055395 e  
created : 2023-08-21T15:19:33



# Tropomi SWIR background noise (swir)

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

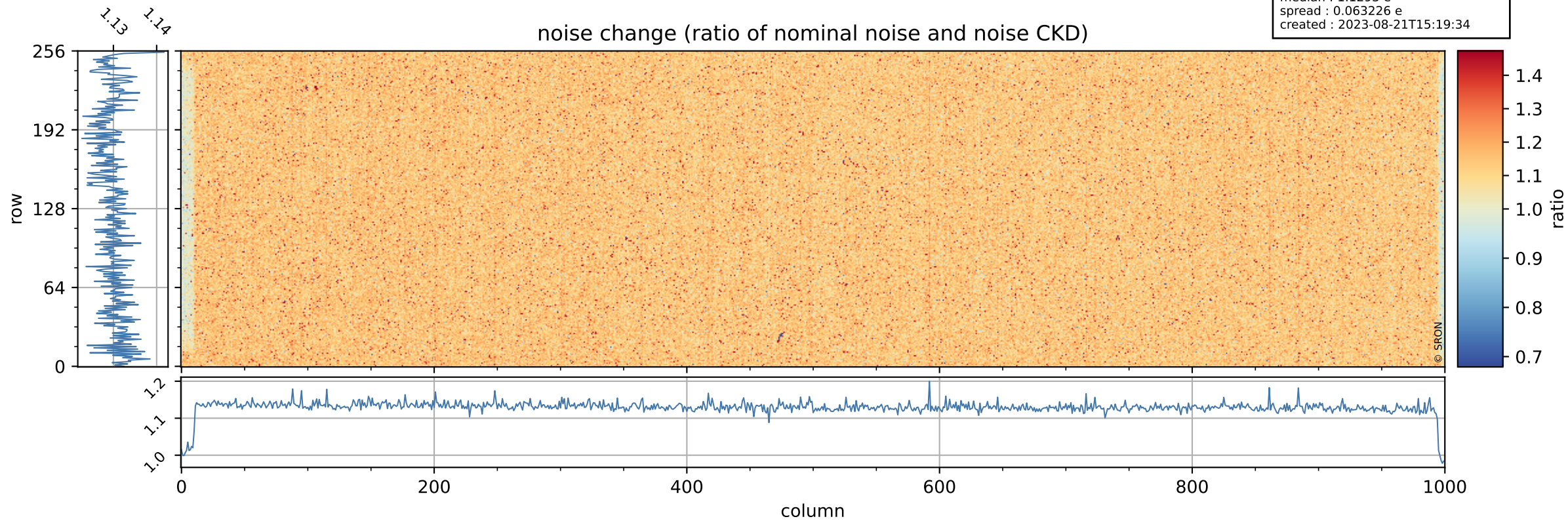
orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
median : 1.0031 e  
spread : 0.010664 e  
created : 2023-08-21T15:19:33





# Tropomi SWIR background noise (swir)

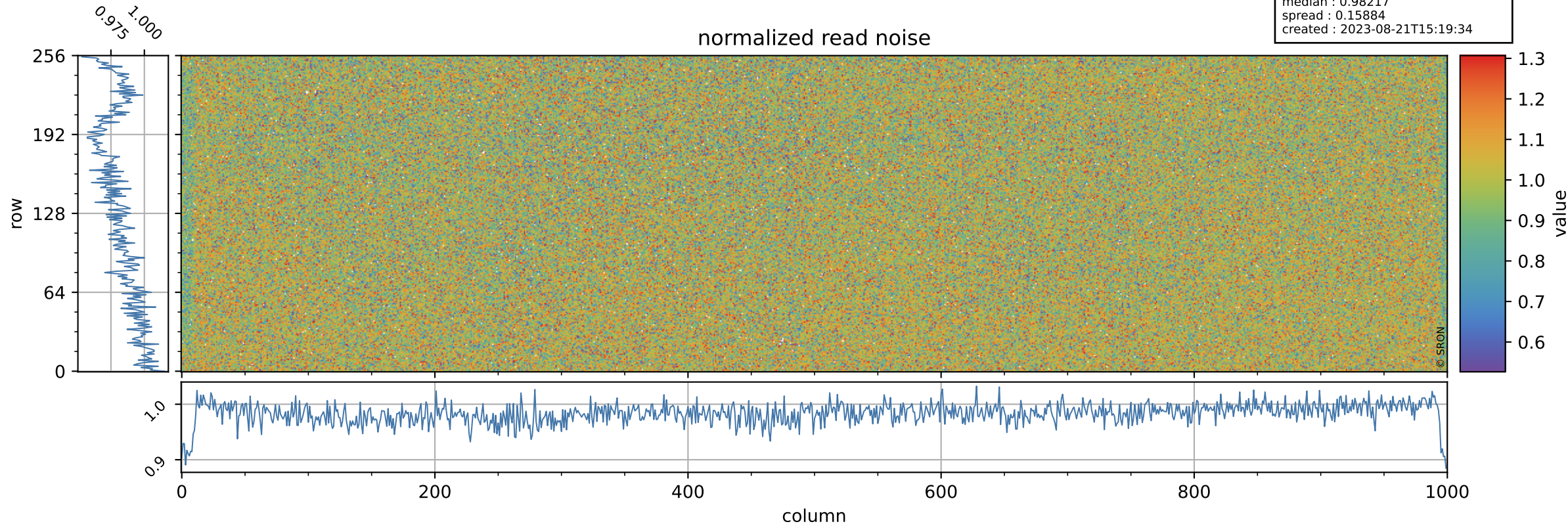
orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
median : 1.1293 e  
spread : 0.063226 e  
created : 2023-08-21T15:19:34





# Tropomi SWIR background noise (swir)

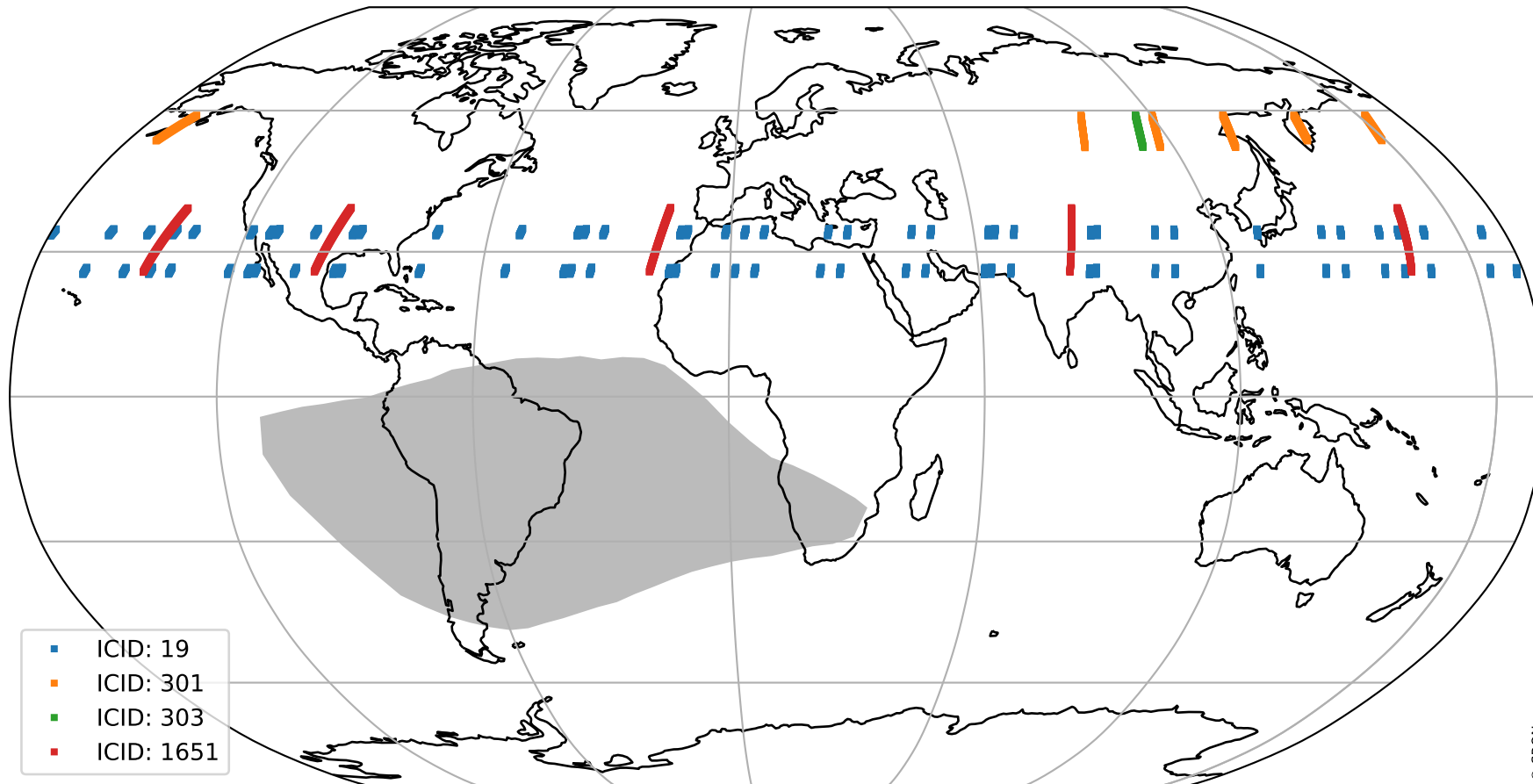
orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
median : 0.98217  
spread : 0.15884  
created : 2023-08-21T15:19:34





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

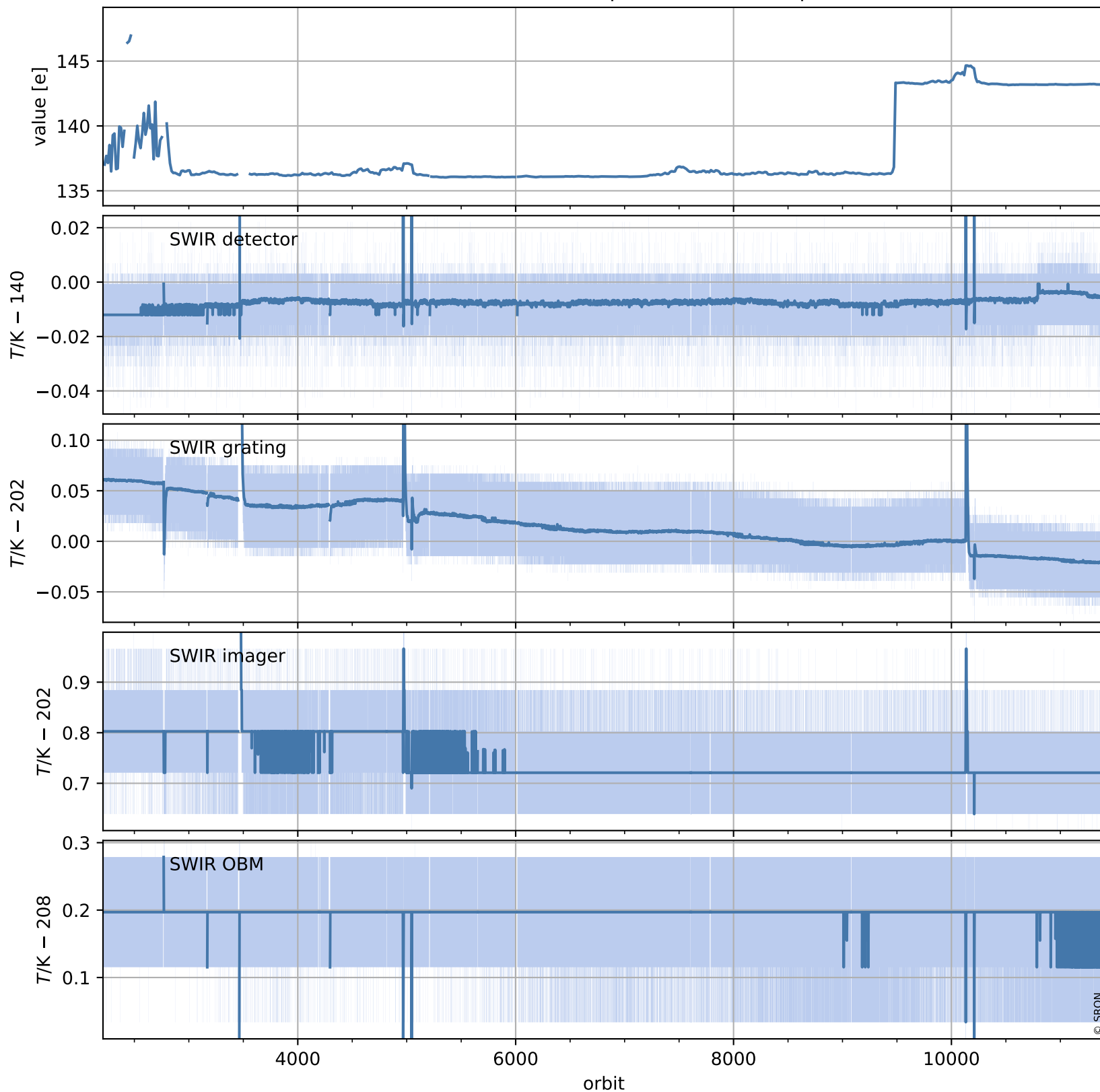
orbits : 12 in [11317, 11407]  
coverage : 2019-12-20 / 2019-12-26  
created : 2023-08-21T15:19:34



# Tropomi SWIR background noise (swir)

orbits : [2212, 11407]  
coverage : 2018-03-18 / 2019-12-26  
created : 2023-08-21T15:19:35

## trend of detector median of plain noise & temperatures

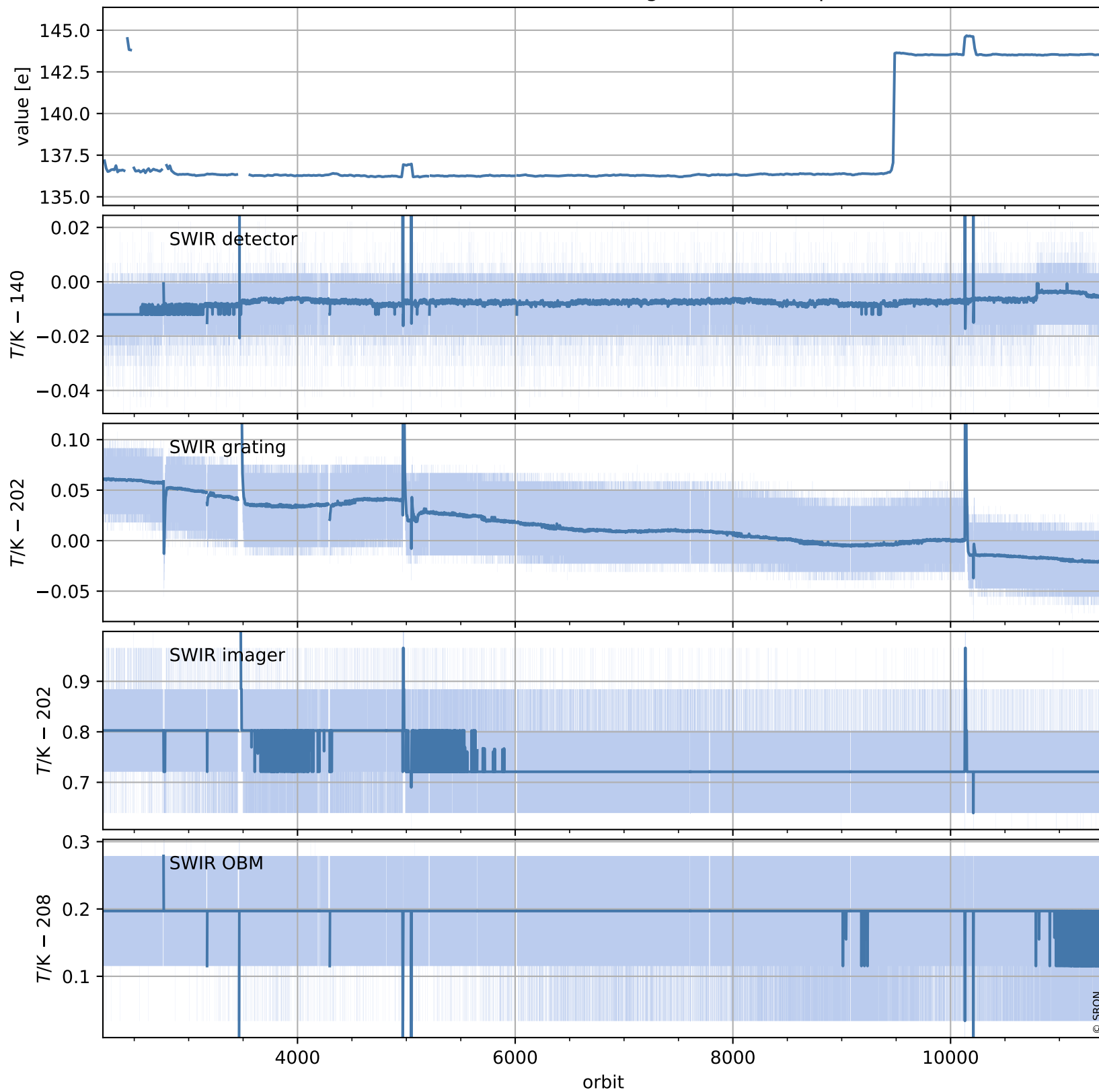




# Tropomi SWIR background noise (swir)

orbits : [2212, 11407]  
coverage : 2018-03-18 / 2019-12-26  
created : 2023-08-21T15:19:35

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11407]  
coverage : 2018-03-18 / 2019-12-26  
created : 2023-08-21T15:19:36

## trend of normalized read-noise & temperatures

