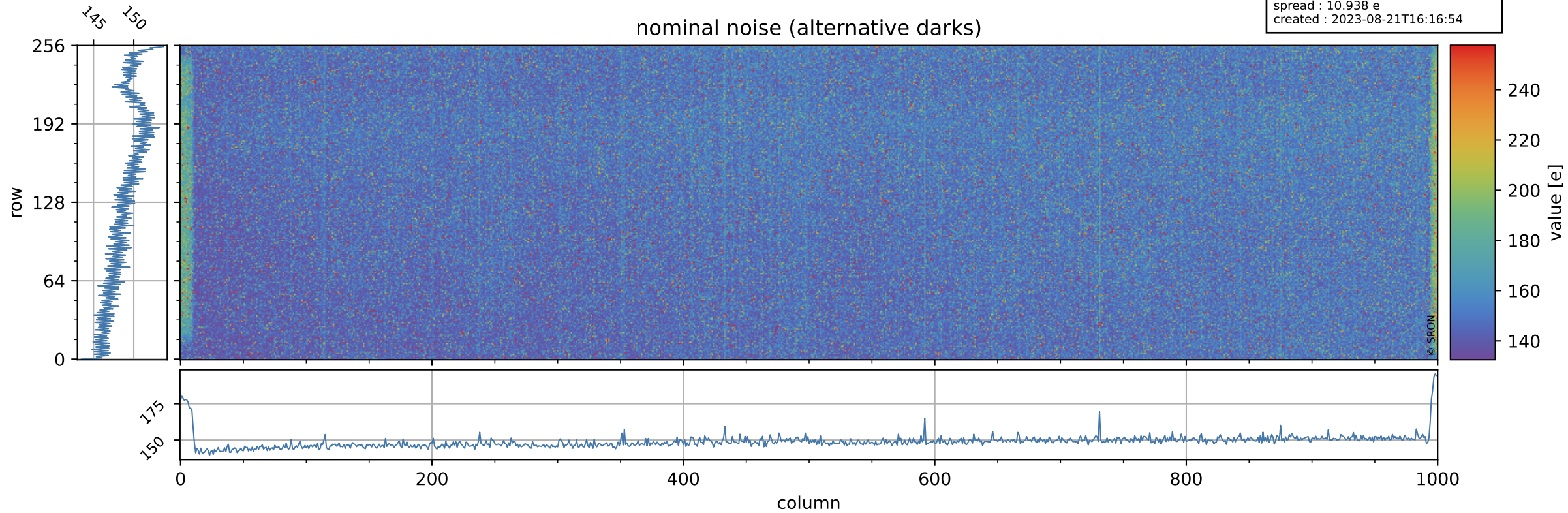


# Tropomi SWIR background noise (swir)

orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
n\_coad, t\_exp : 1, 1.0783  
median : 148.77 e  
spread : 10.938 e  
created : 2023-08-21T16:16:54

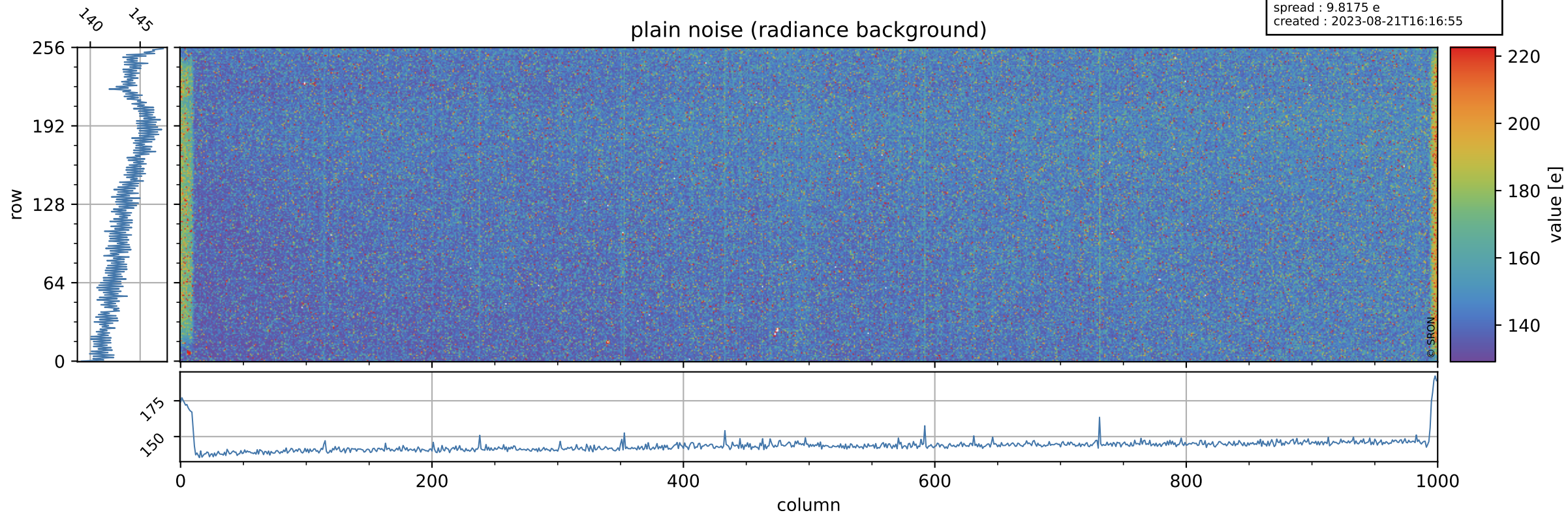
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.51 e  
spread : 9.8175 e  
created : 2023-08-21T16:16:55

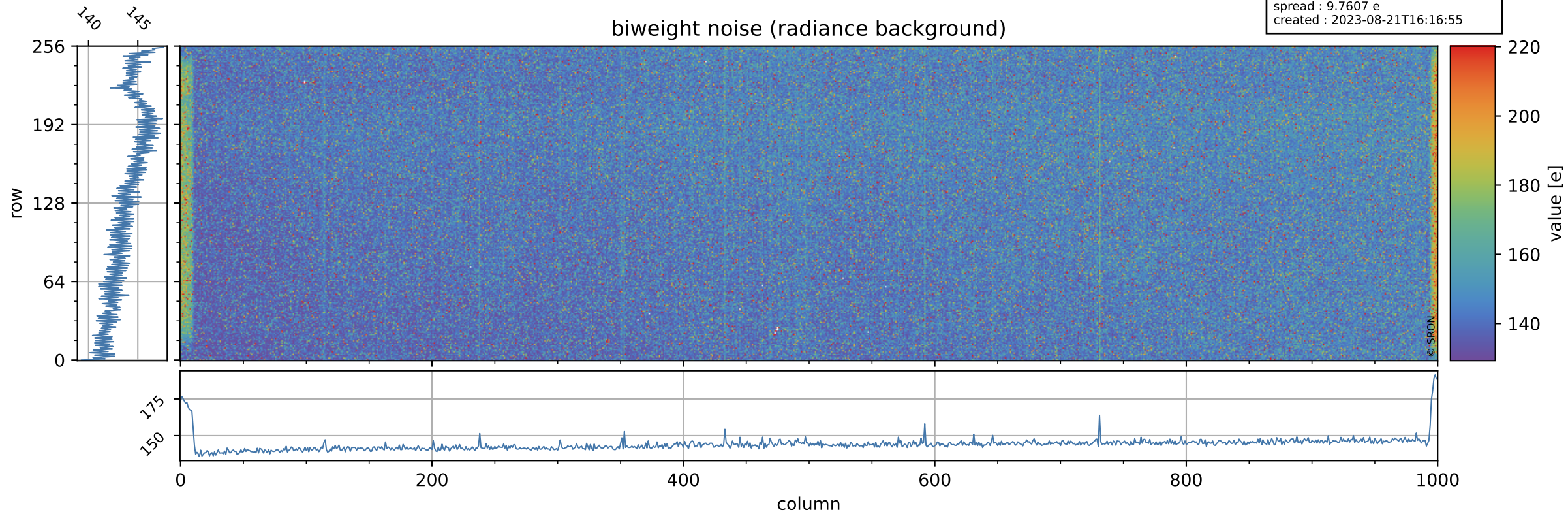
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 9.7607 e  
created : 2023-08-21T16:16:55

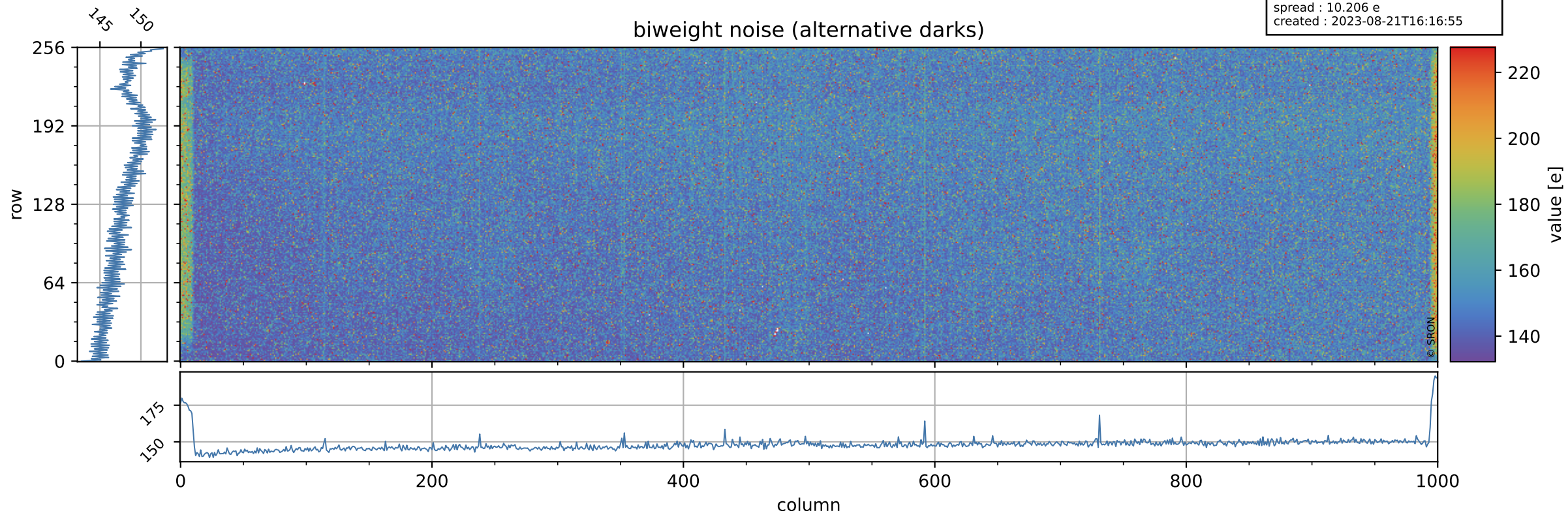
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.206 e  
created : 2023-08-21T16:16:55

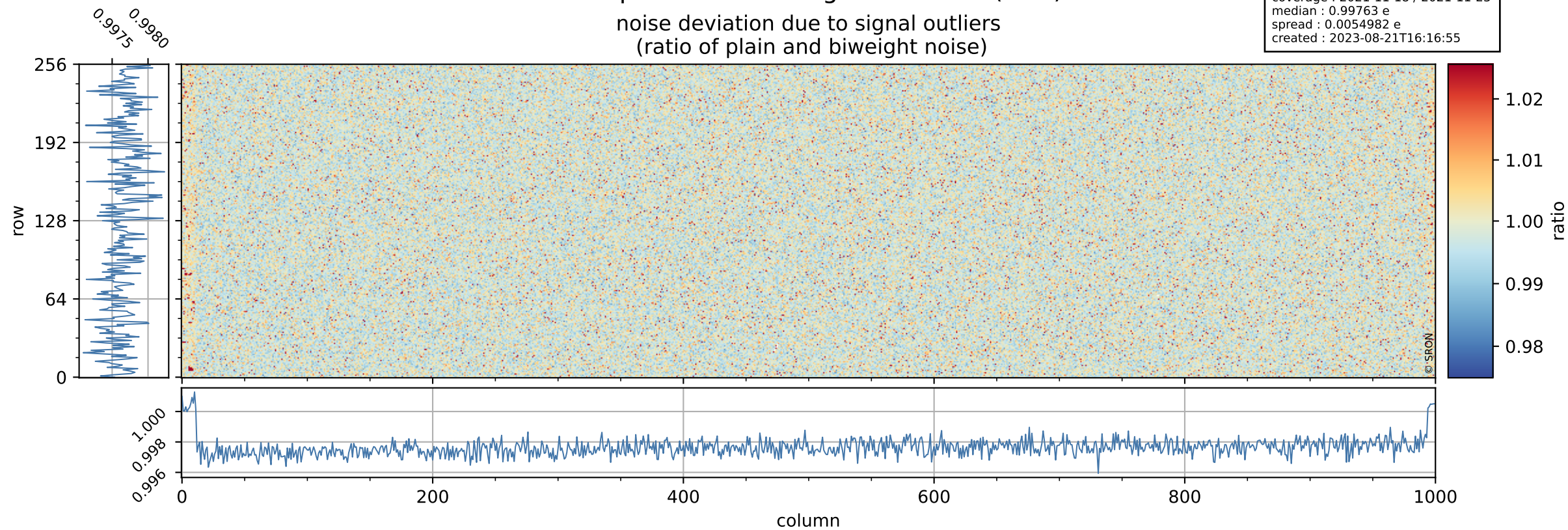
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

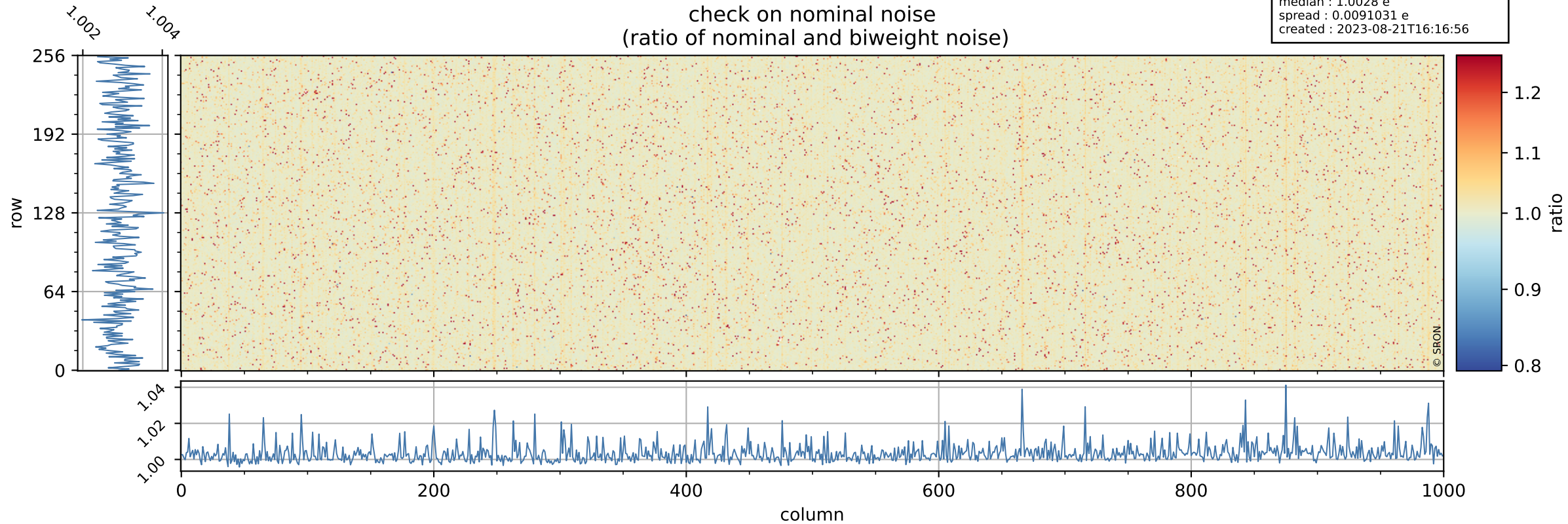
orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
median : 0.99763 e  
spread : 0.0054982 e  
created : 2023-08-21T16:16:55



# Tropomi SWIR background noise (swir)

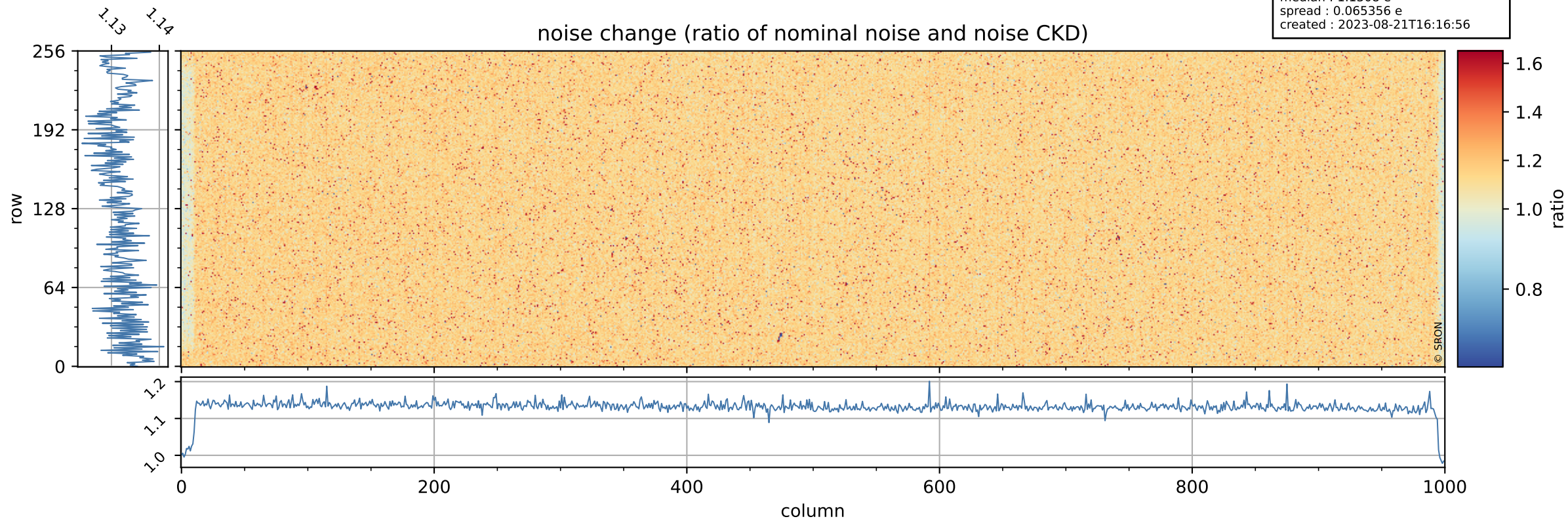
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
median : 1.0028 e  
spread : 0.0091031 e  
created : 2023-08-21T16:16:56



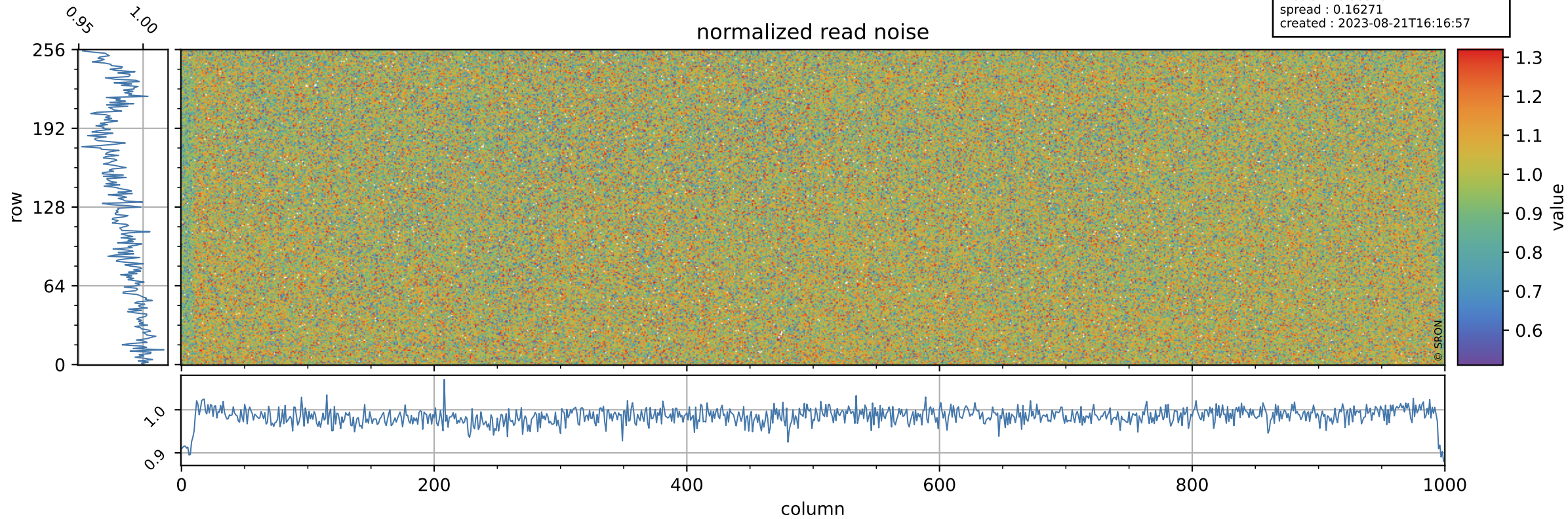
# Tropomi SWIR background noise (swir)

orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
median : 1.1308 e  
spread : 0.065356 e  
created : 2023-08-21T16:16:56



# Tropomi SWIR background noise (swir)

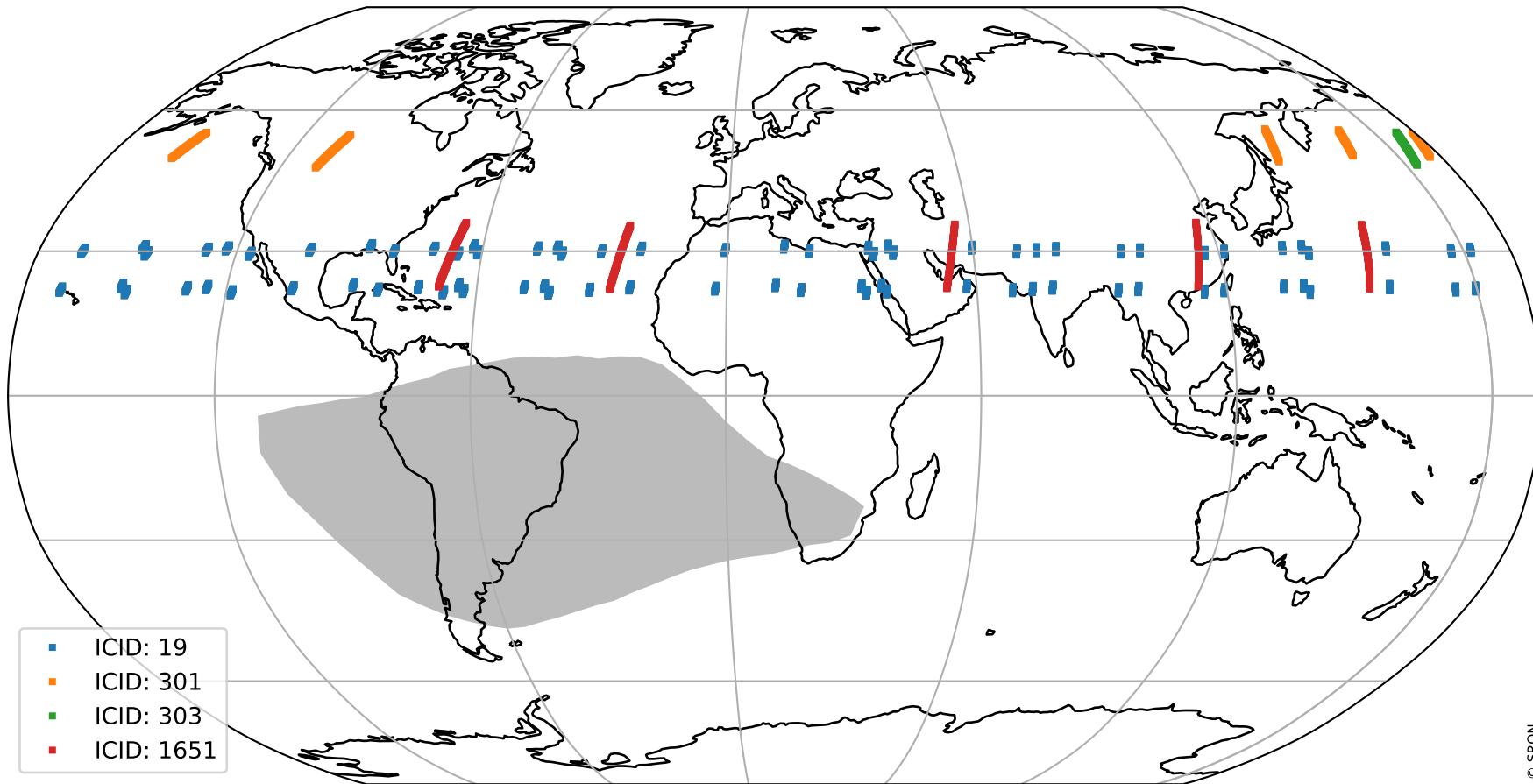
orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
median : 0.98343  
spread : 0.16271  
created : 2023-08-21T16:16:57





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

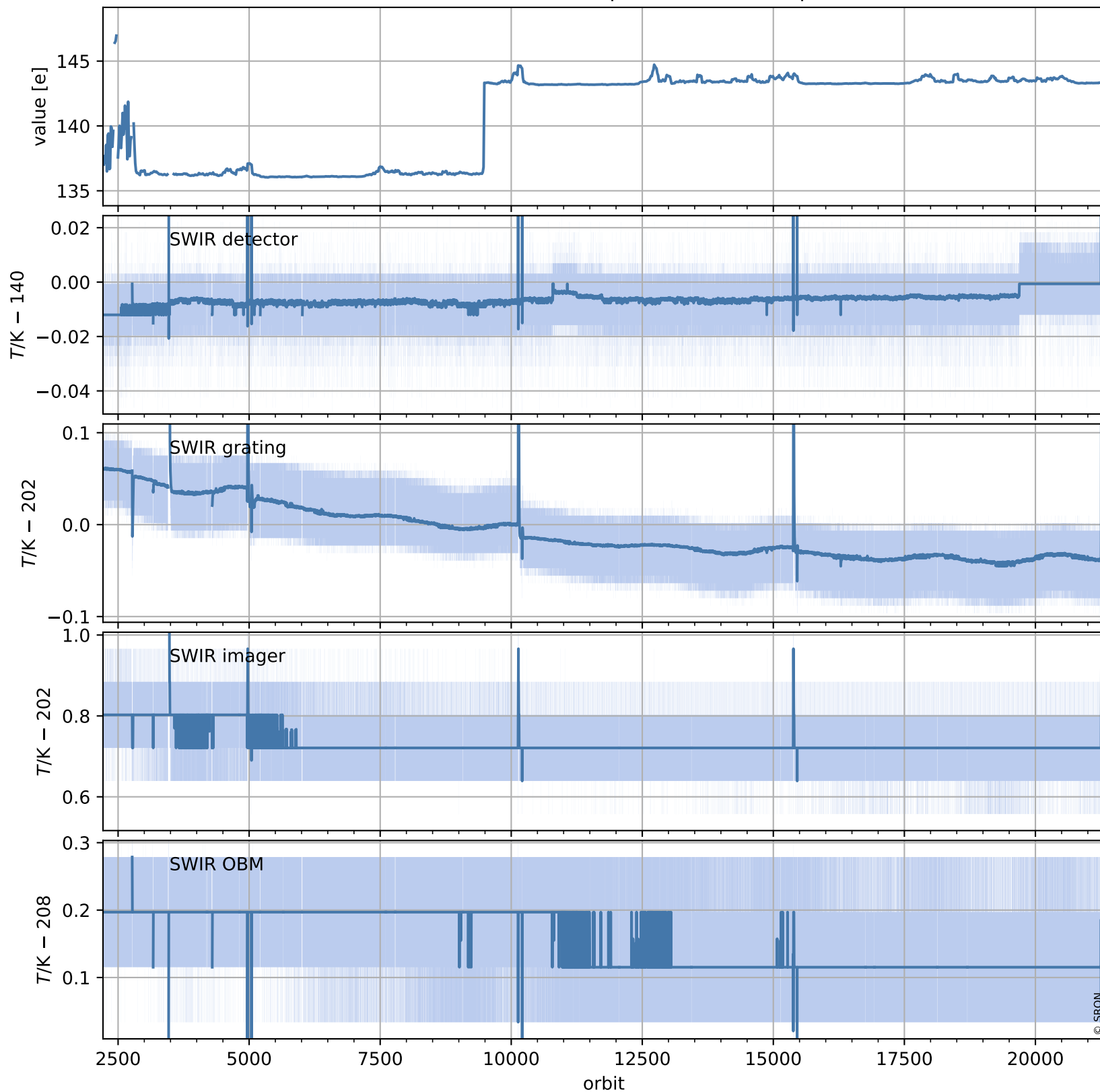
orbits : 11 in [21232, 21322]  
coverage : 2021-11-18 / 2021-11-23  
created : 2023-08-21T16:16:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 21322]  
coverage : 2018-03-18 / 2021-11-23  
created : 2023-08-21T16:16:57

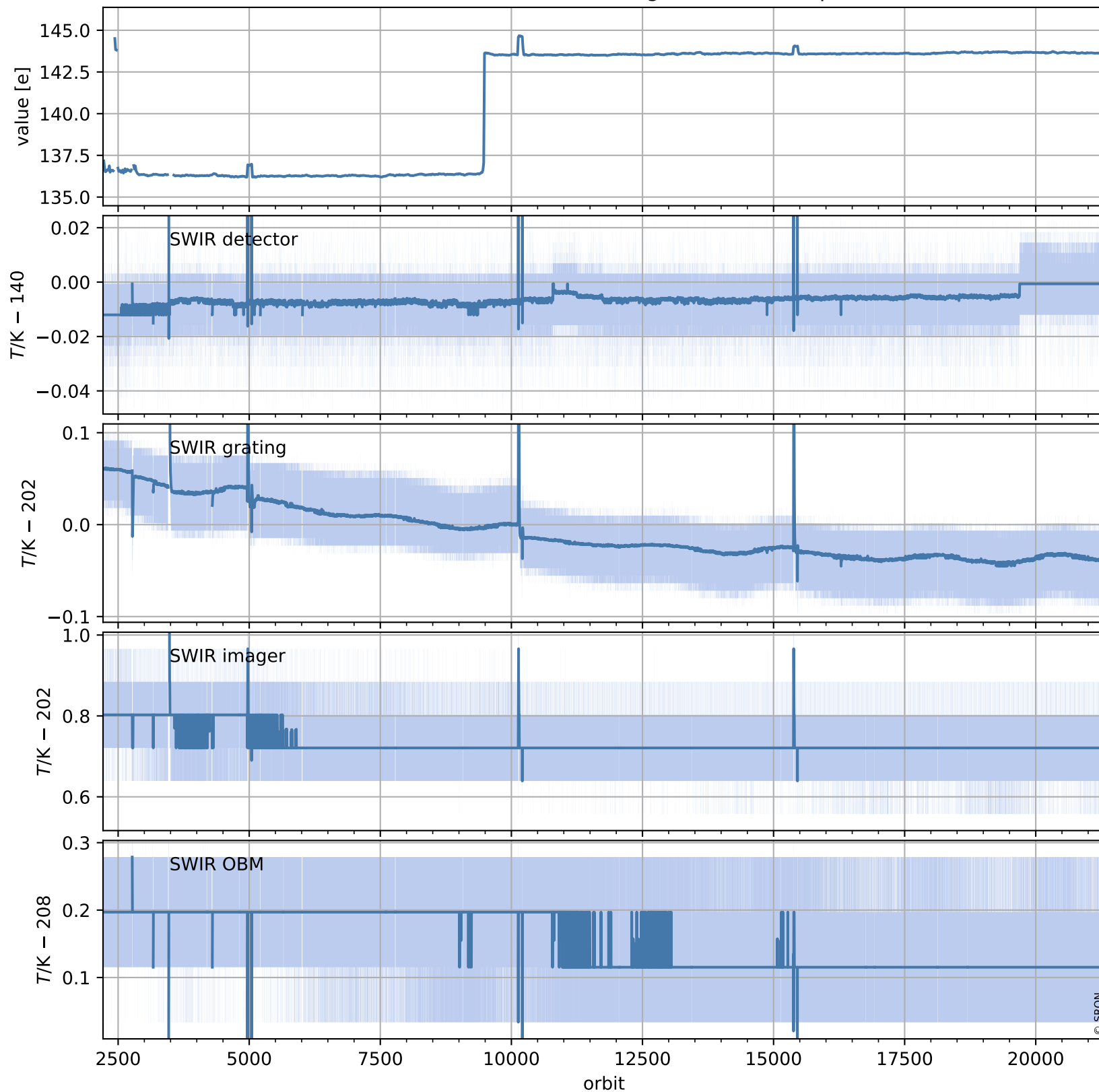
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21322]  
coverage : 2018-03-18 / 2021-11-23  
created : 2023-08-21T16:16:58

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21322]  
coverage : 2018-03-18 / 2021-11-23  
created : 2023-08-21T16:16:59

## trend of normalized read-noise & temperatures

