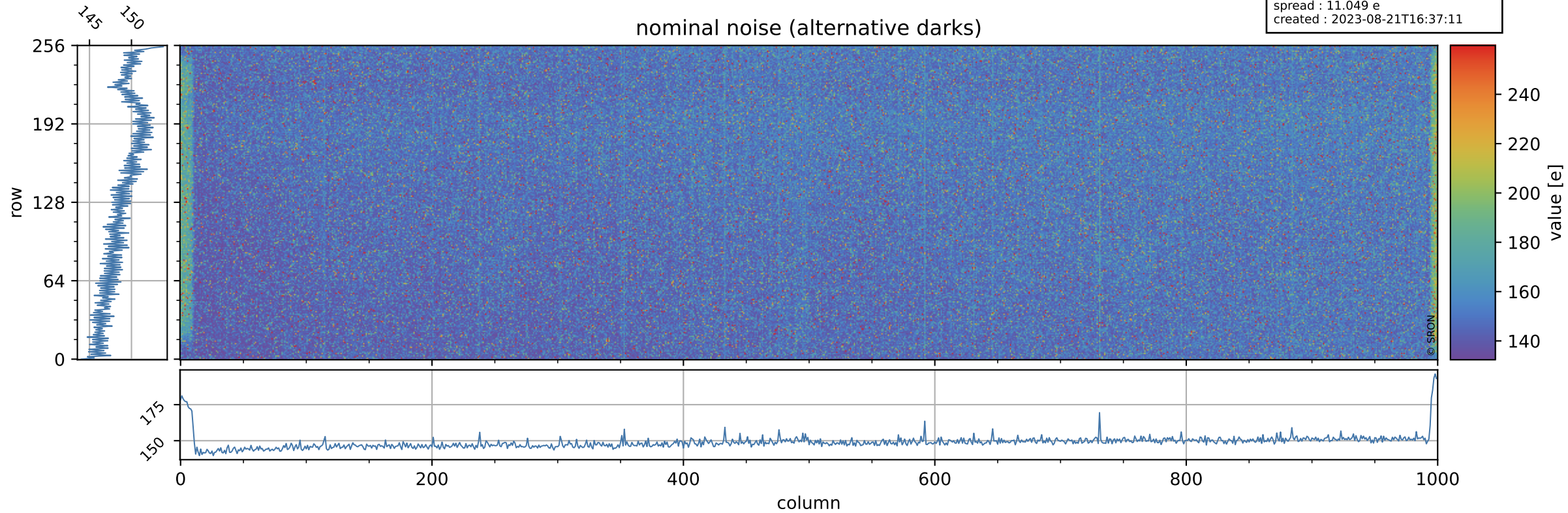


# Tropomi SWIR background noise (swir)

orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.77 e  
spread : 11.049 e  
created : 2023-08-21T16:37:11

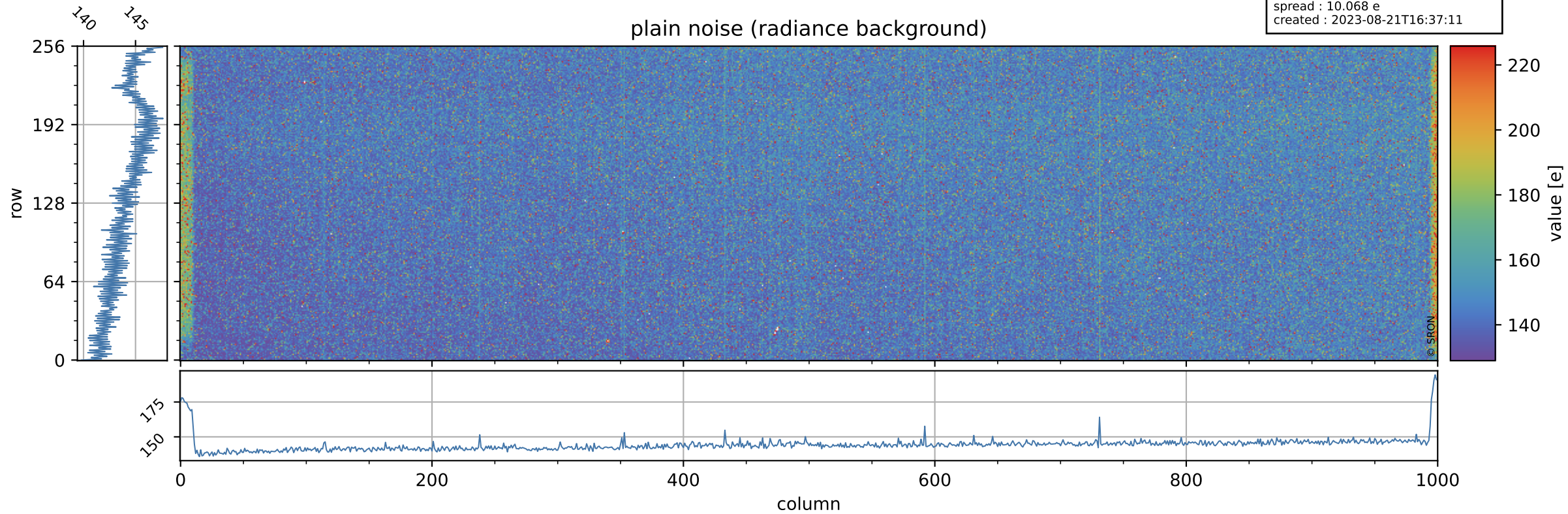
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.98 e  
spread : 10.068 e  
created : 2023-08-21T16:37:11

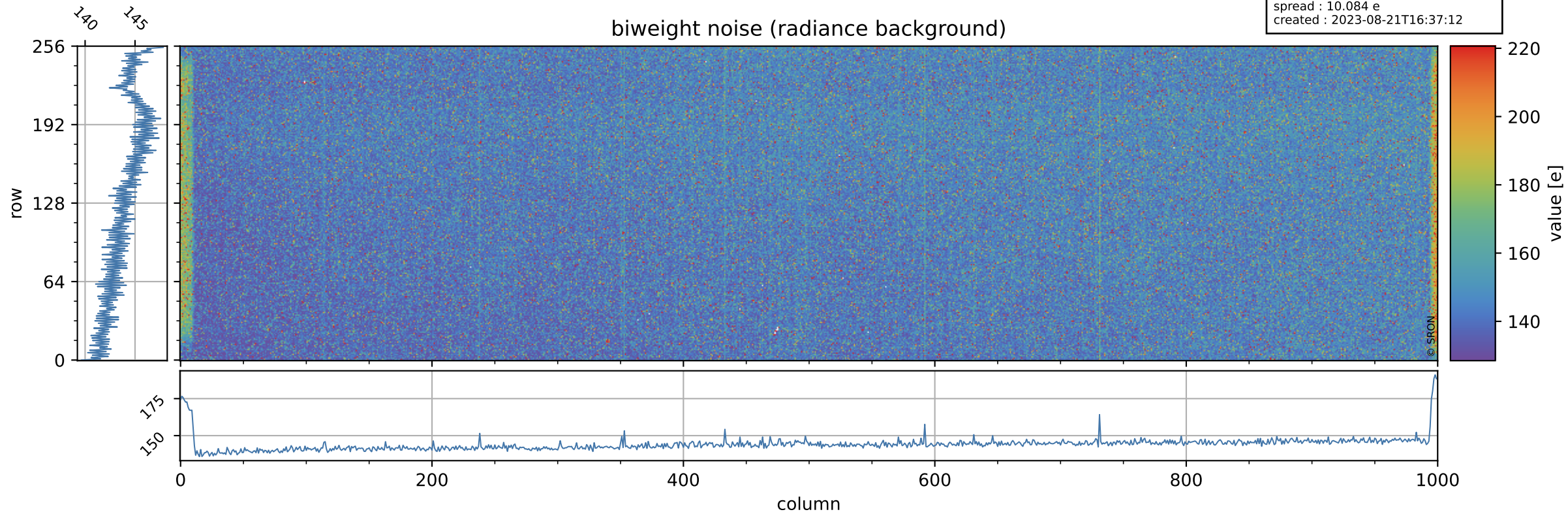
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
n\_coad, t\_exp : 1, 0.8383  
median : 143.89 e  
spread : 10.084 e  
created : 2023-08-21T16:37:12

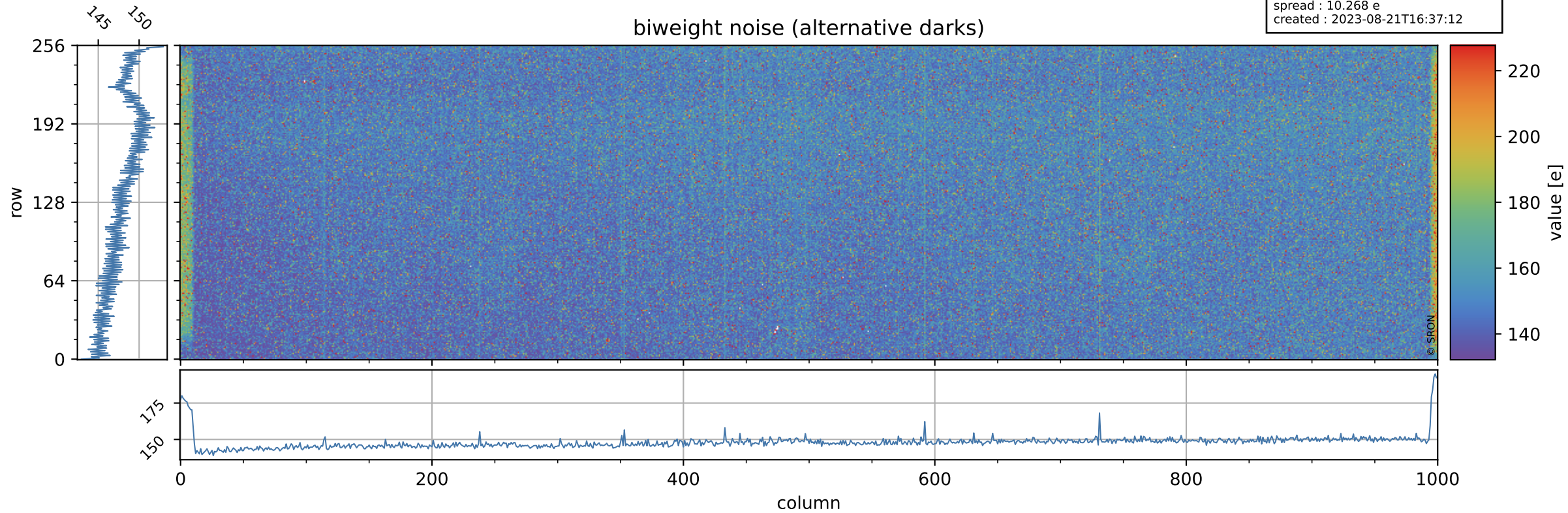
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.268 e  
created : 2023-08-21T16:37:12

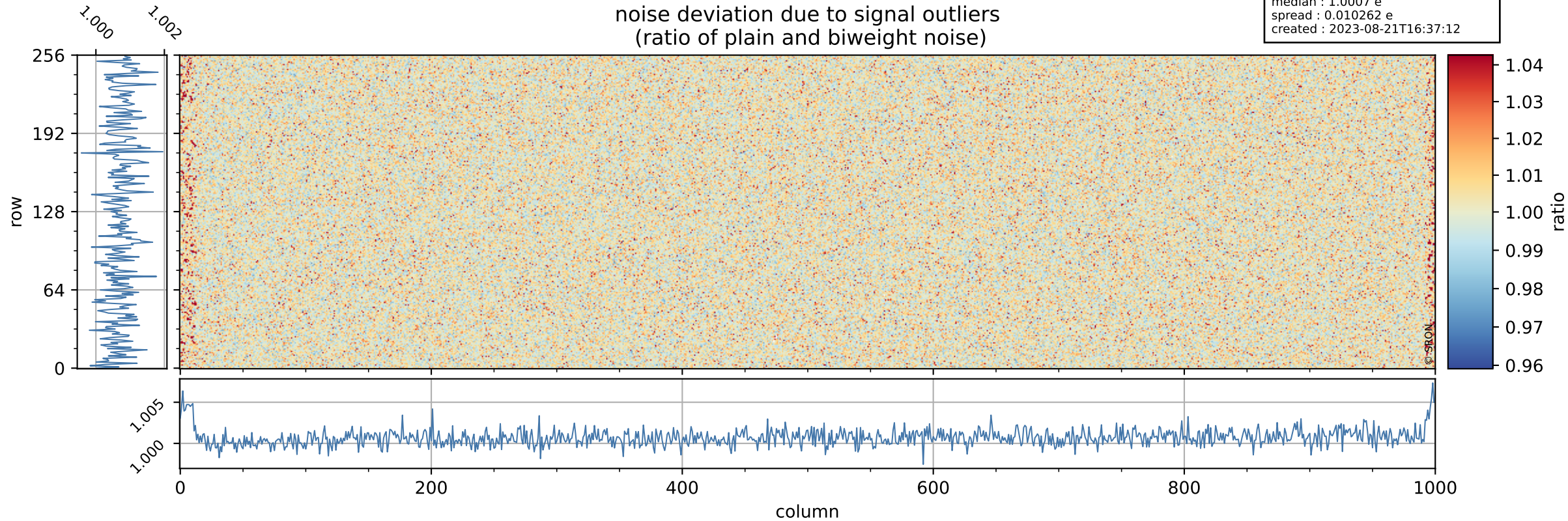
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

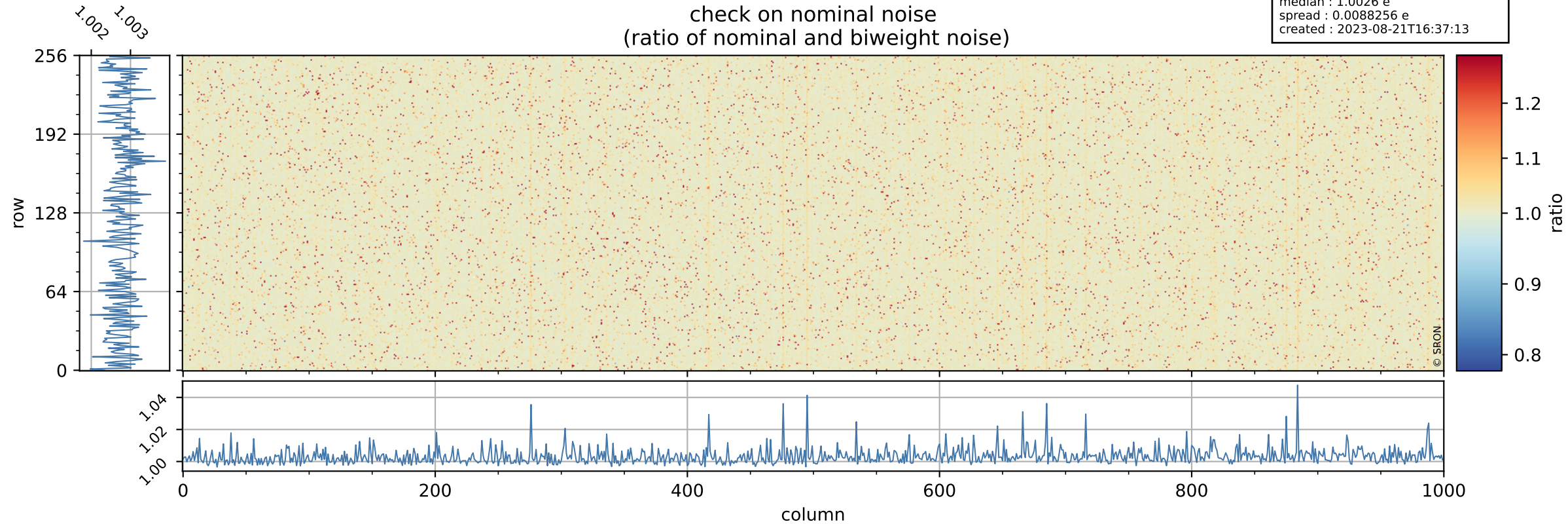
orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
median : 1.0007 e  
spread : 0.010262 e  
created : 2023-08-21T16:37:12



# Tropomi SWIR background noise (swir)

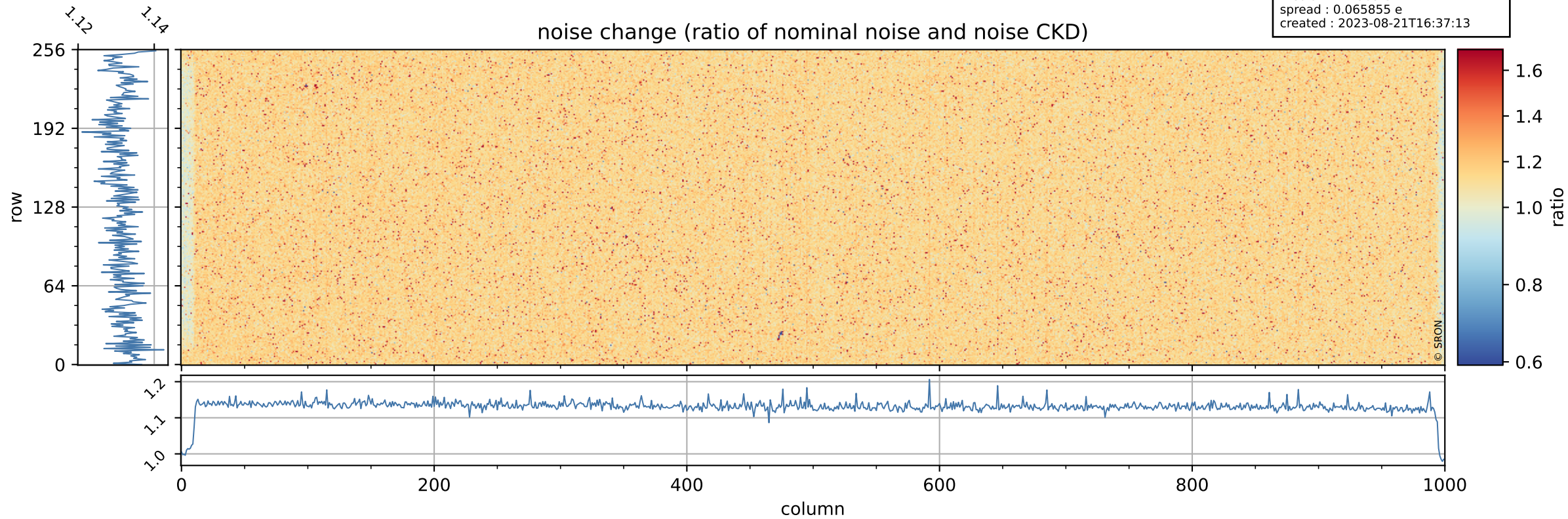
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
median : 1.0026 e  
spread : 0.0088256 e  
created : 2023-08-21T16:37:13



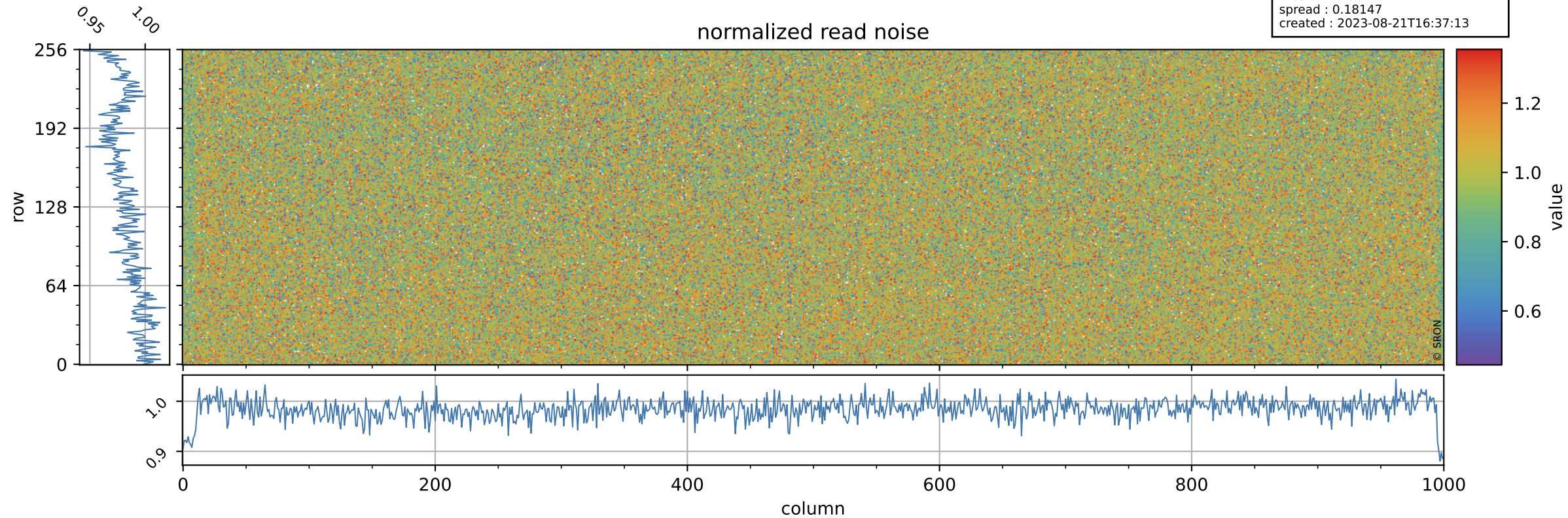
# Tropomi SWIR background noise (swir)

orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
median : 1.1303 e  
spread : 0.065855 e  
created : 2023-08-21T16:37:13



# Tropomi SWIR background noise (swir)

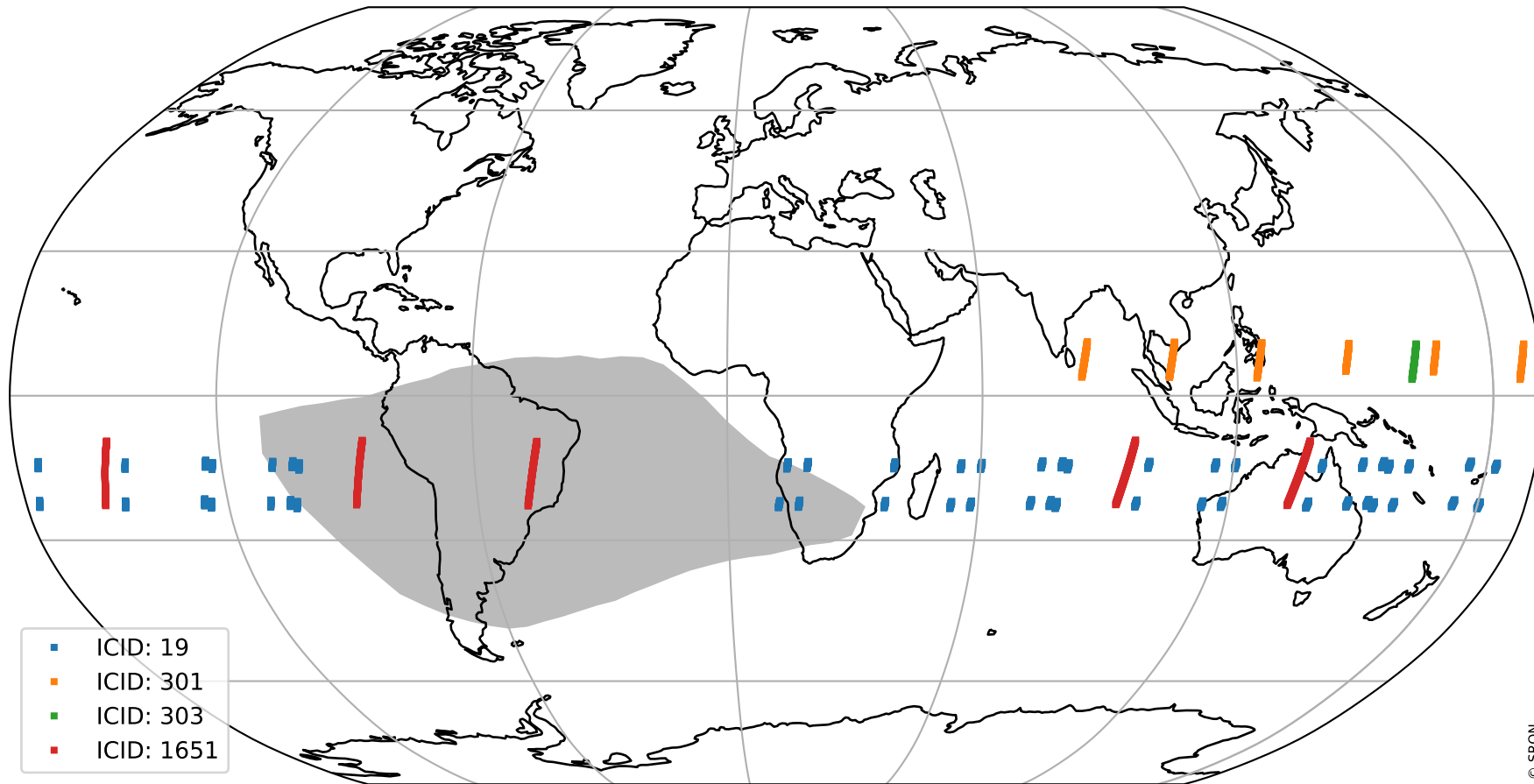
orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
median : 0.98242  
spread : 0.18147  
created : 2023-08-21T16:37:13





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

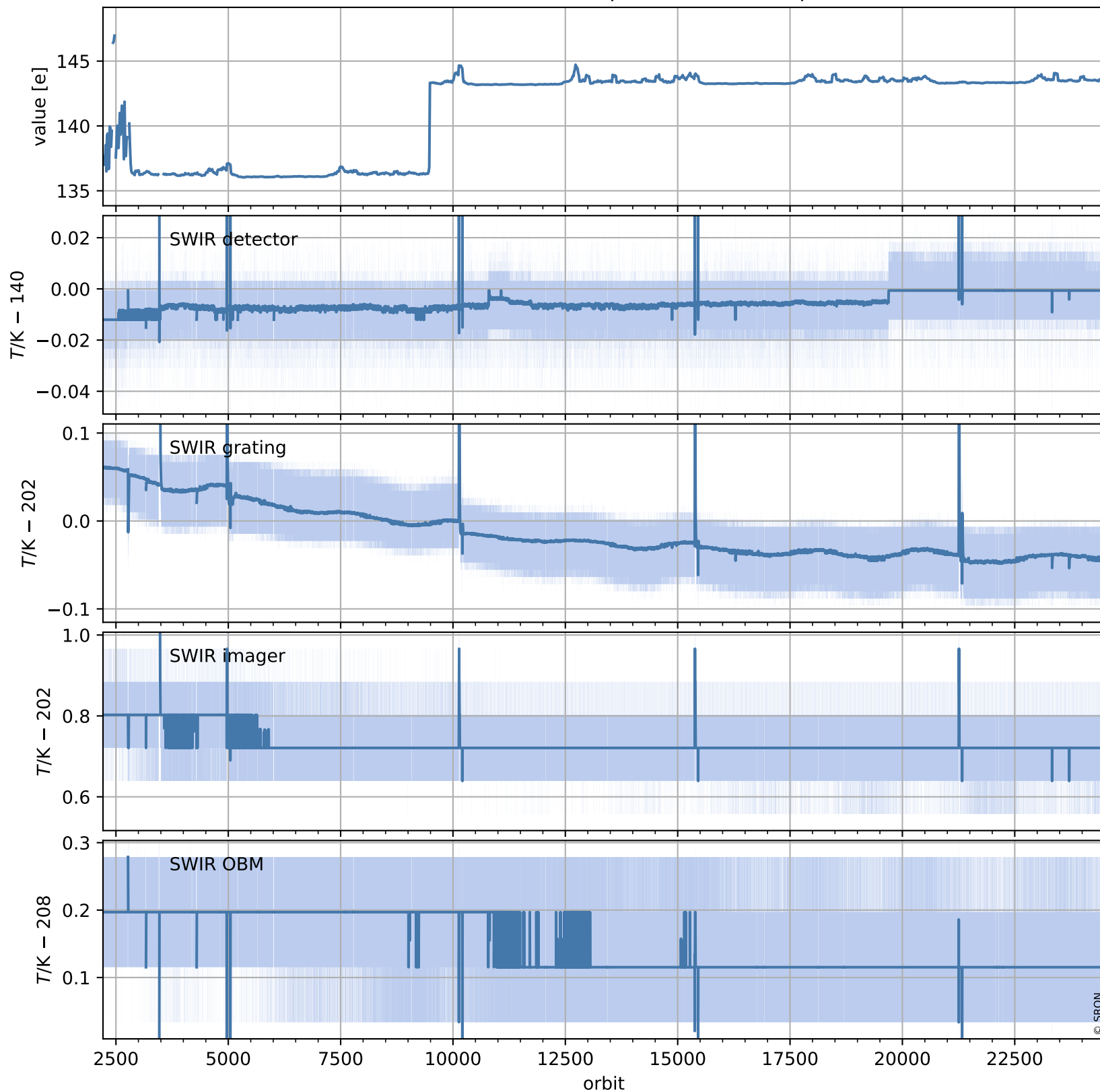
orbits : 13 in [24427, 24502]  
coverage : 2022-06-30 / 2022-07-05  
created : 2023-08-21T16:37:13



# Tropomi SWIR background noise (swir)

orbits : [2212, 24502]  
coverage : 2018-03-18 / 2022-07-05  
created : 2023-08-21T16:37:14

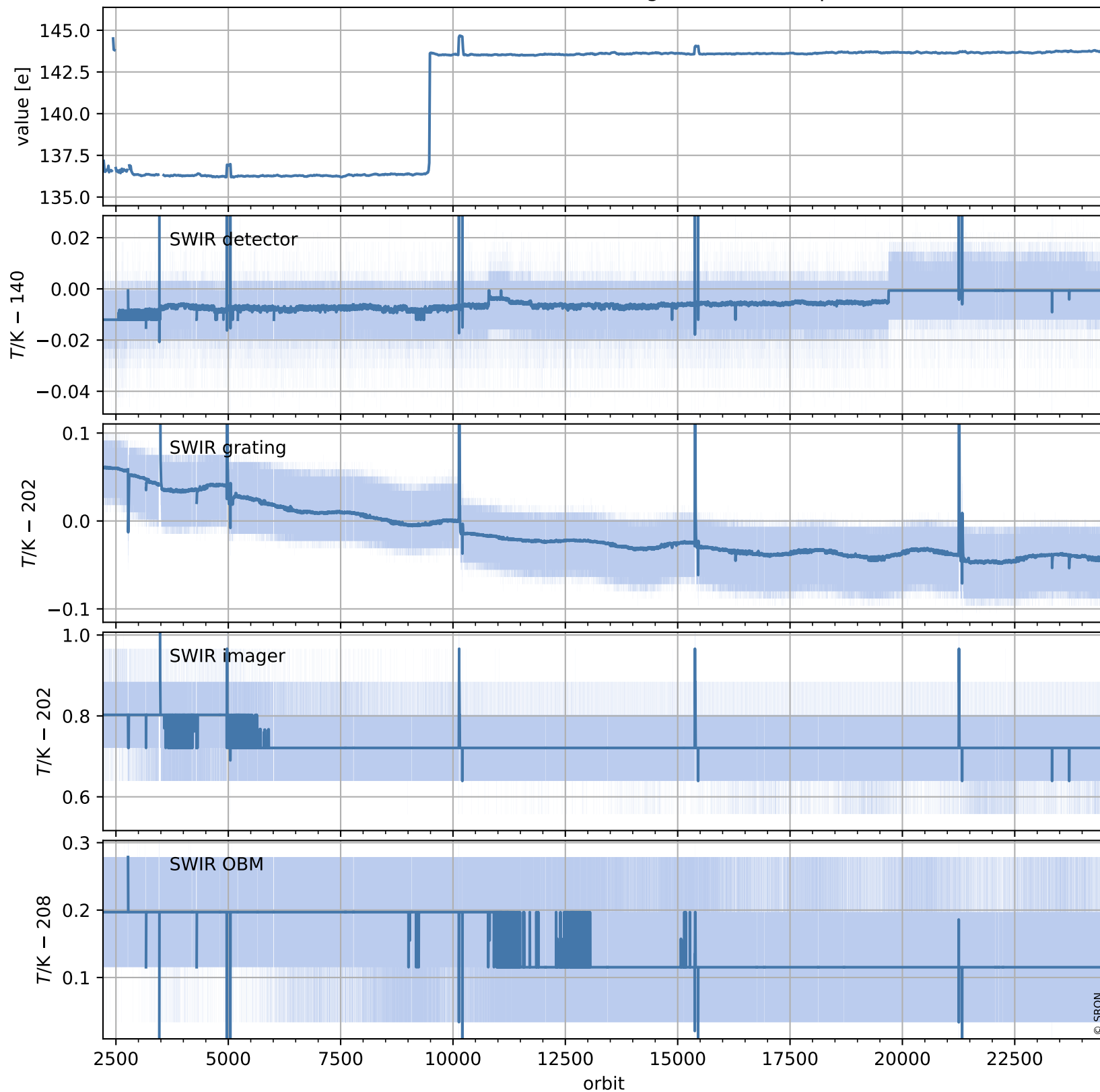
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24502]  
coverage : 2018-03-18 / 2022-07-05  
created : 2023-08-21T16:37:15

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24502]  
coverage : 2018-03-18 / 2022-07-05  
created : 2023-08-21T16:37:16

## trend of normalized read-noise & temperatures

