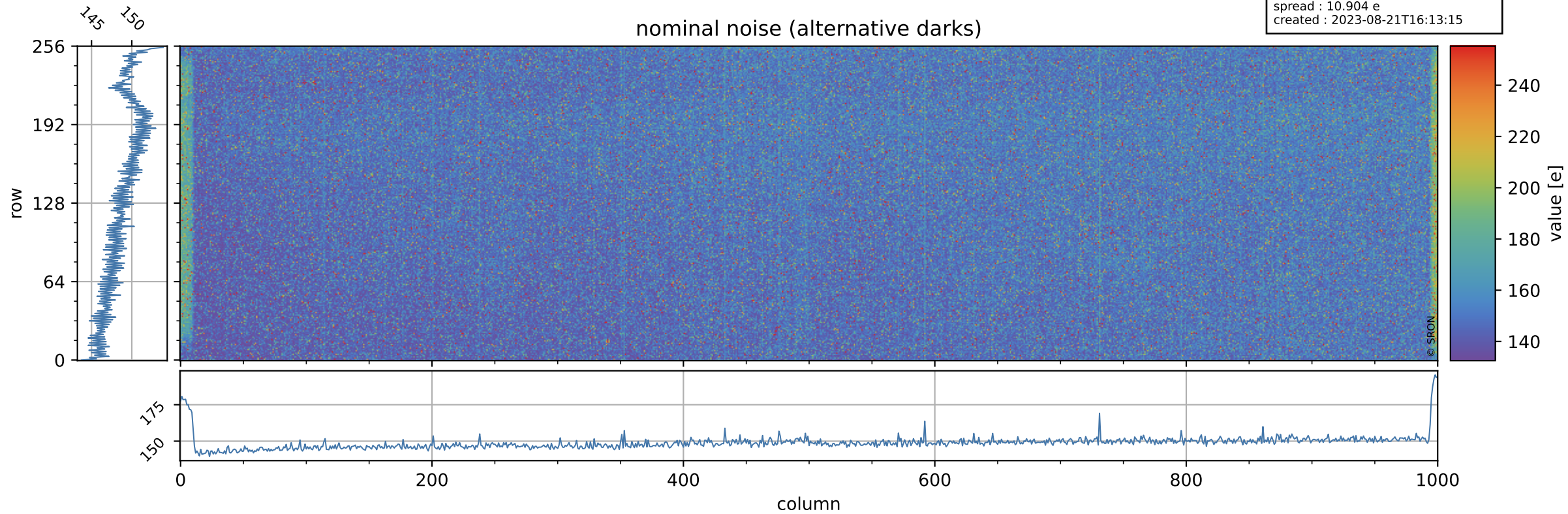


# Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
n\_coad, t\_exp : 1, 1.0783  
median : 148.72 e  
spread : 10.904 e  
created : 2023-08-21T16:13:15

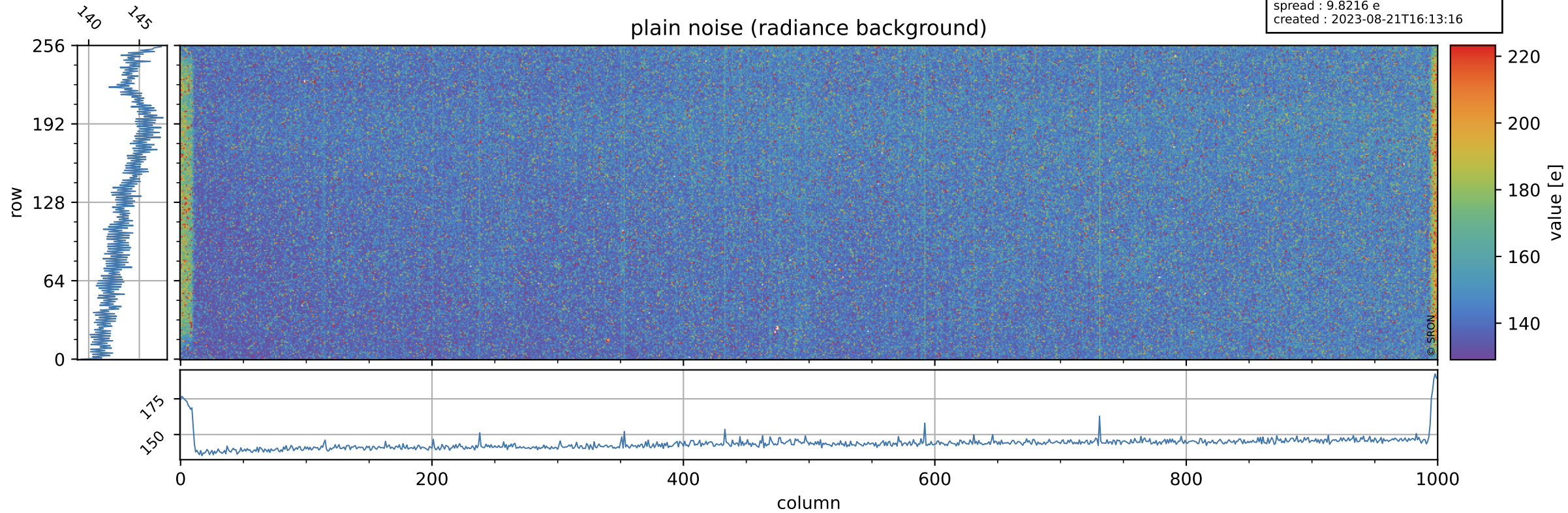
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.54 e  
spread : 9.8216 e  
created : 2023-08-21T16:13:16

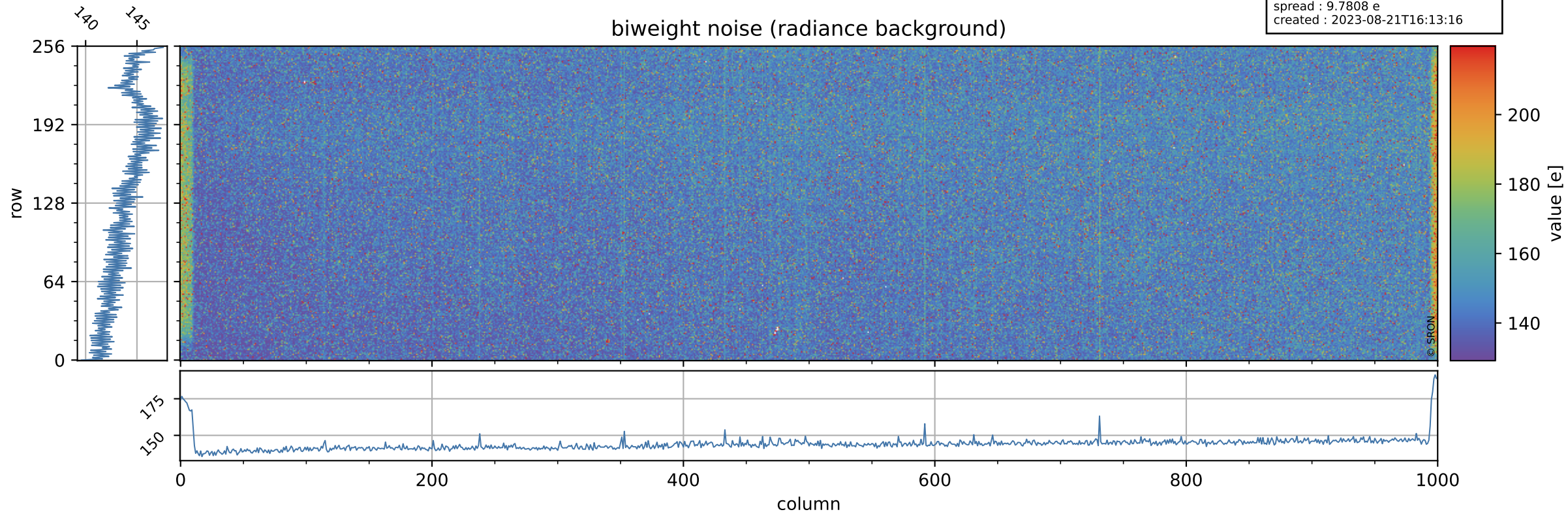
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
n\_coad, t\_exp : 1, 0.8383  
median : 143.84 e  
spread : 9.7808 e  
created : 2023-08-21T16:13:16

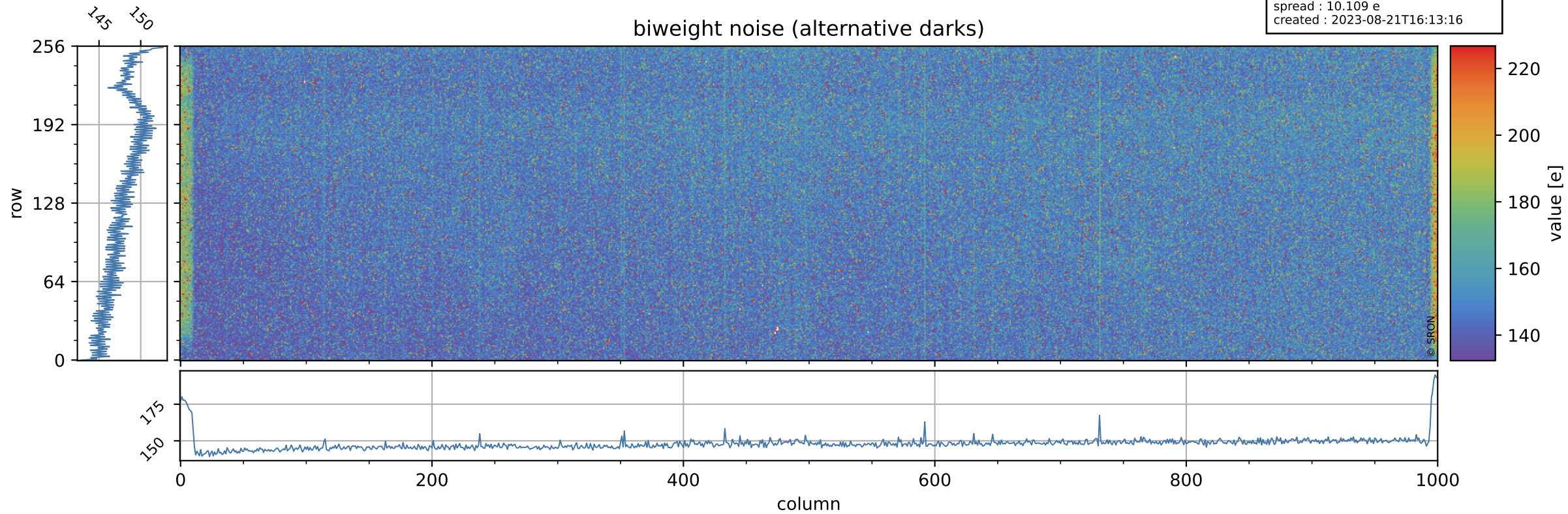
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.109 e  
created : 2023-08-21T16:13:16

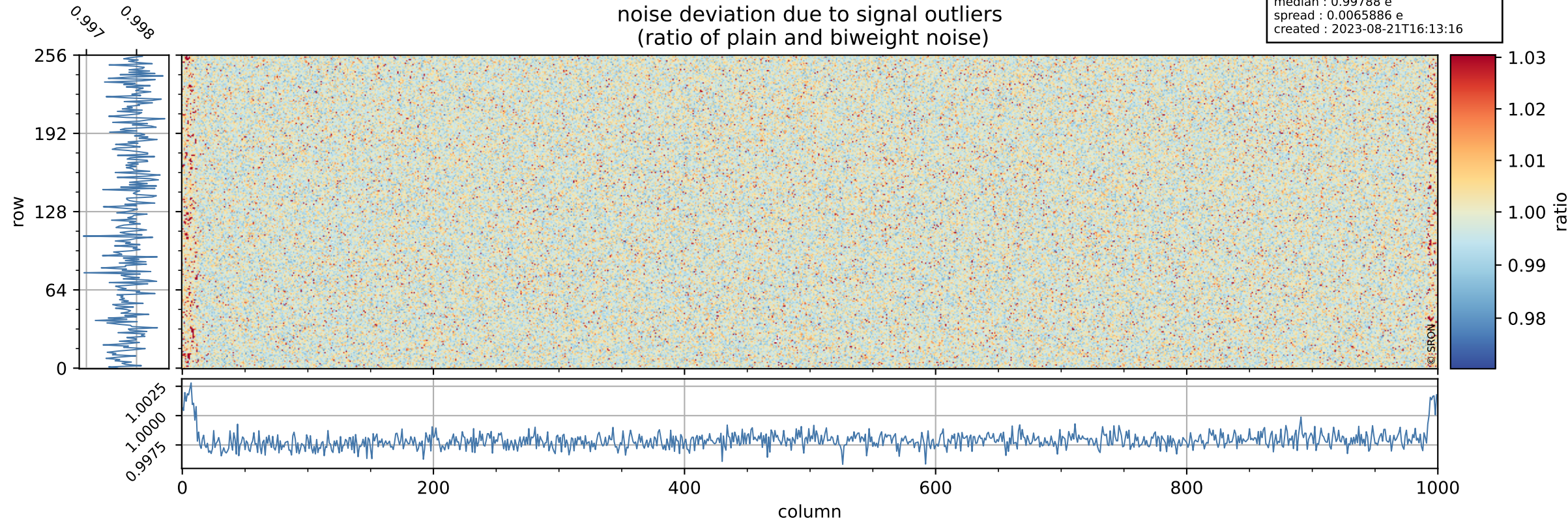
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

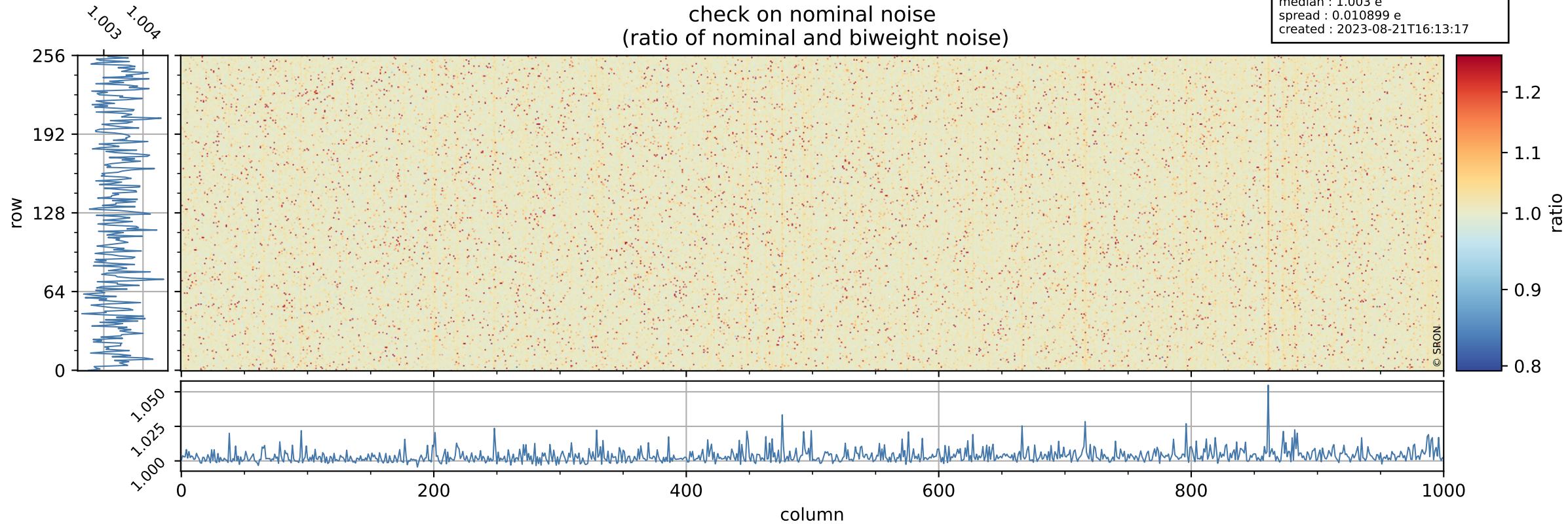
orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
median : 0.99788 e  
spread : 0.0065886 e  
created : 2023-08-21T16:13:16



# Tropomi SWIR background noise (swir)

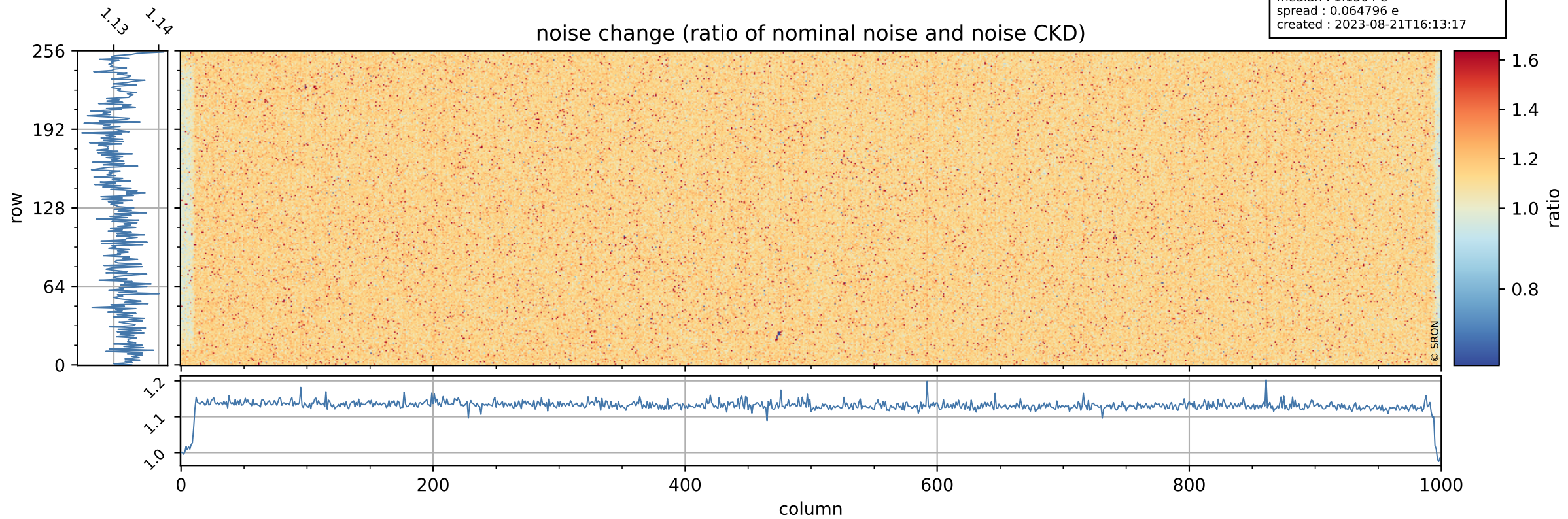
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
median : 1.003 e  
spread : 0.010899 e  
created : 2023-08-21T16:13:17



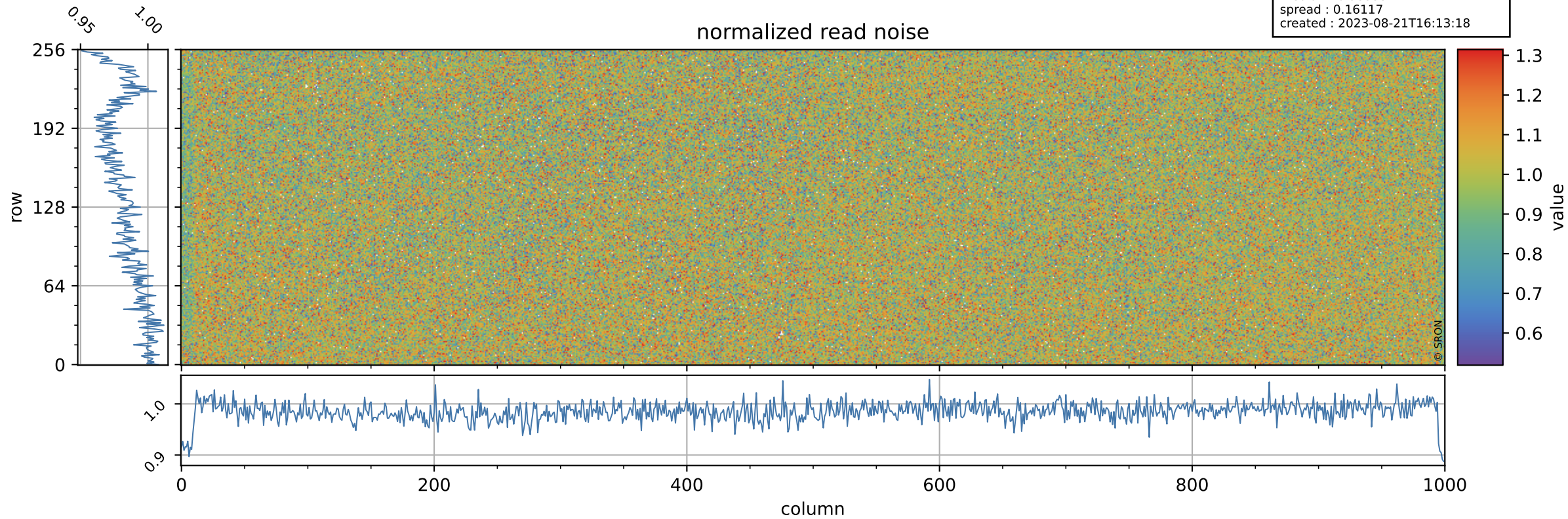
# Tropomi SWIR background noise (swir)

orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
median : 1.1304 e  
spread : 0.064796 e  
created : 2023-08-21T16:13:17



# Tropomi SWIR background noise (swir)

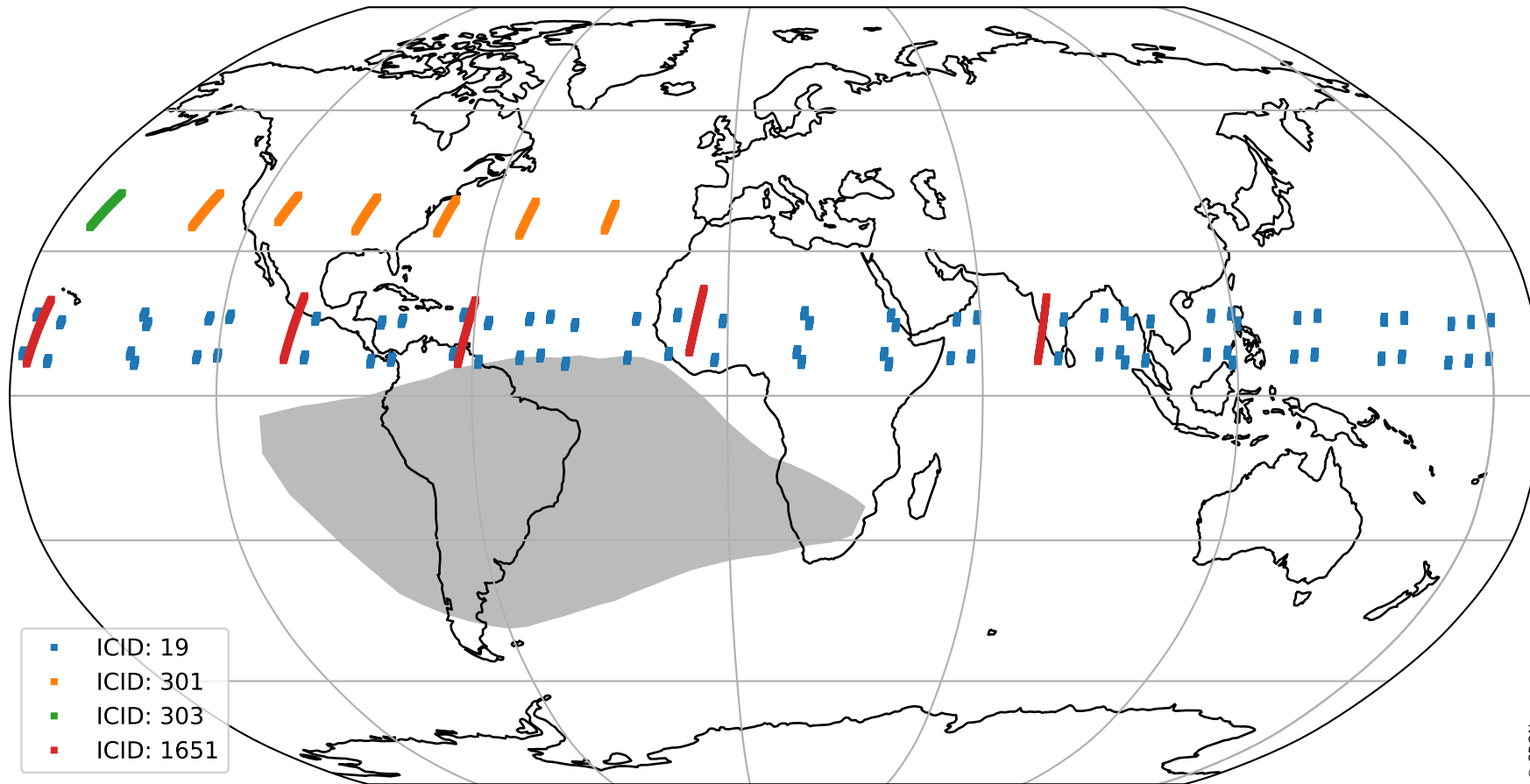
orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
median : 0.98355  
spread : 0.16117  
created : 2023-08-21T16:13:18





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

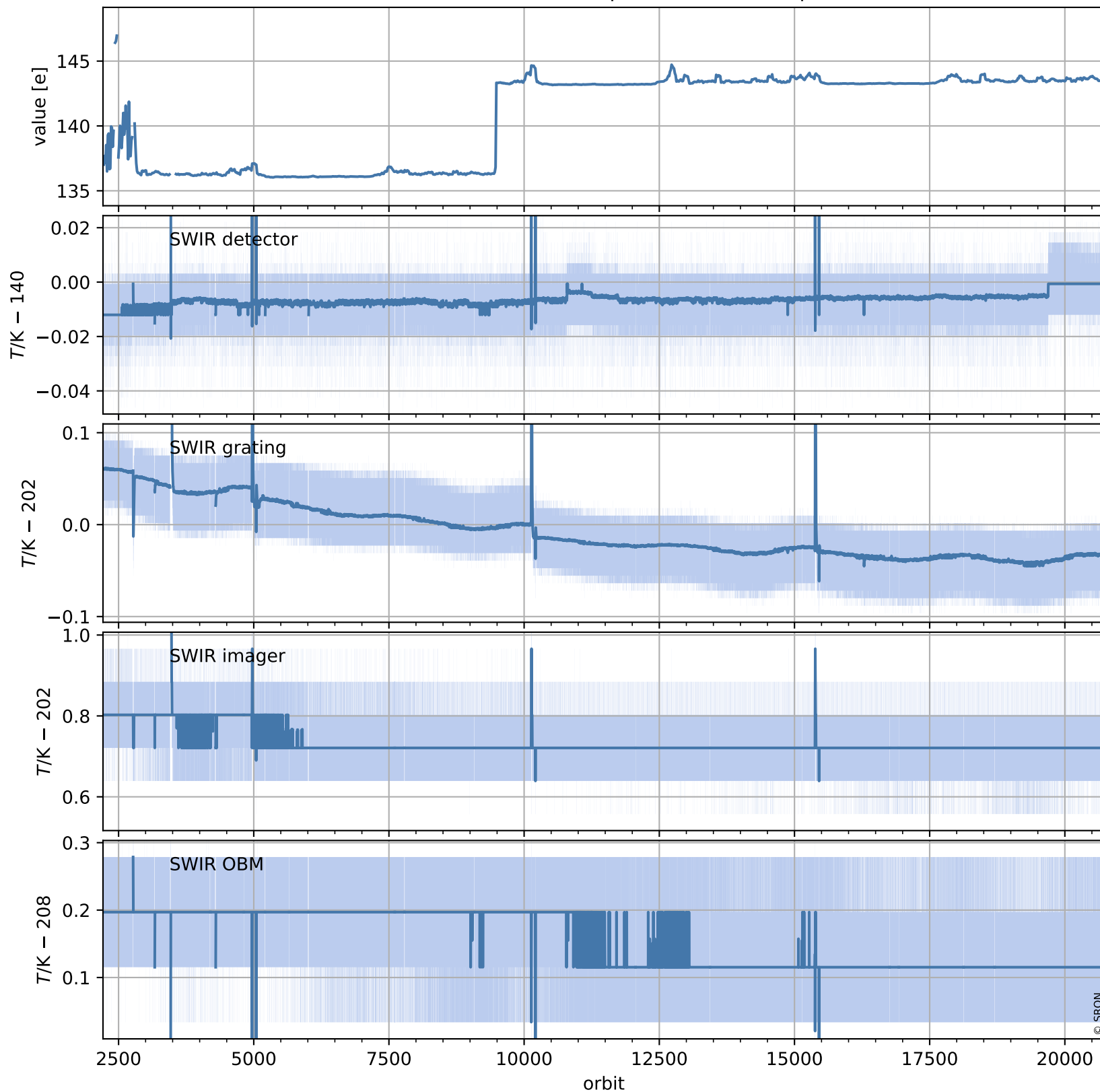
orbits : 12 in [20647, 20737]  
coverage : 2021-10-08 / 2021-10-14  
created : 2023-08-21T16:13:18



# Tropomi SWIR background noise (swir)

orbits : [2212, 20737]  
coverage : 2018-03-18 / 2021-10-14  
created : 2023-08-21T16:13:18

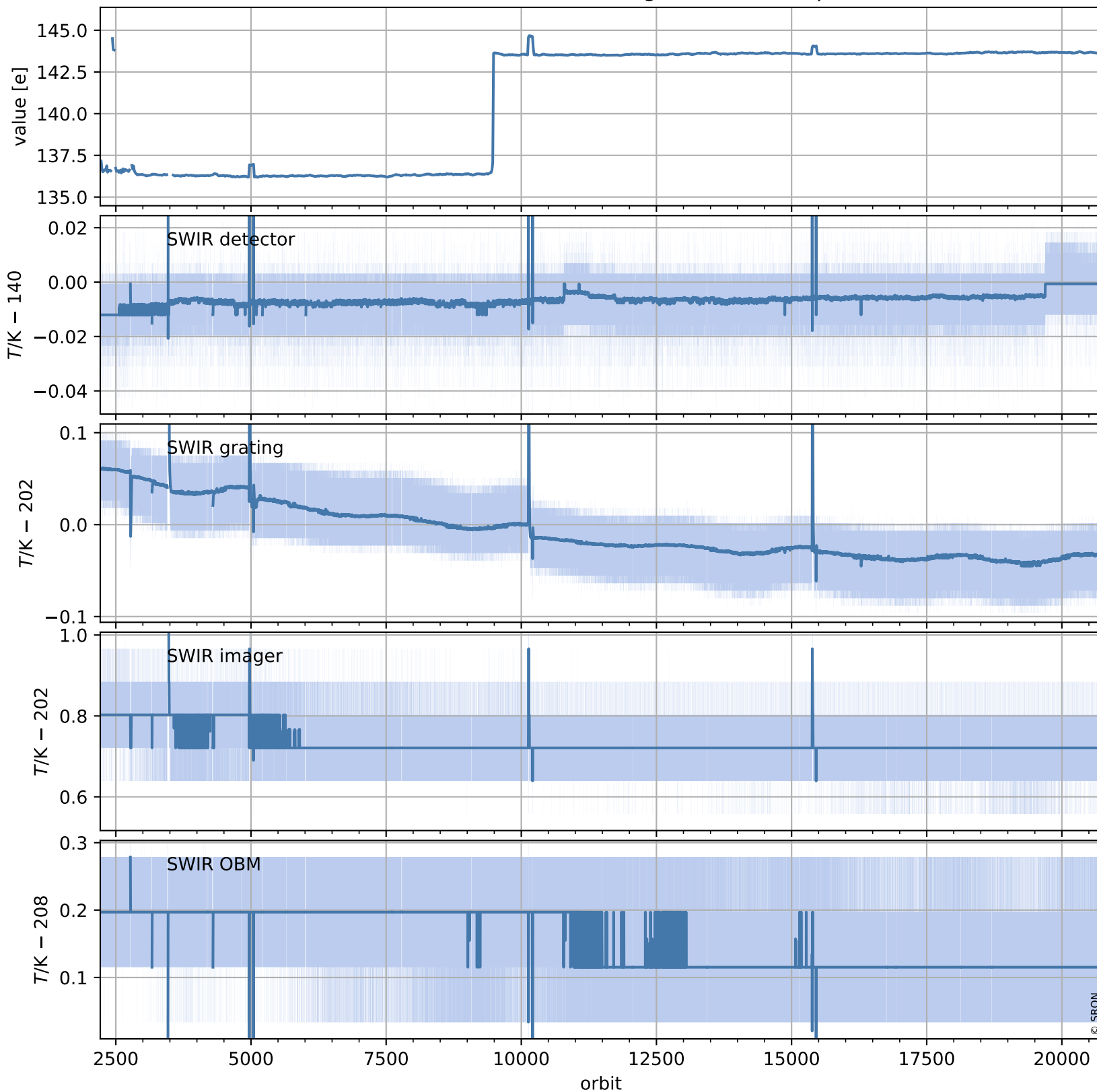
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20737]  
coverage : 2018-03-18 / 2021-10-14  
created : 2023-08-21T16:13:19

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 20737]  
coverage : 2018-03-18 / 2021-10-14  
created : 2023-08-21T16:13:20

## trend of normalized read-noise & temperatures

