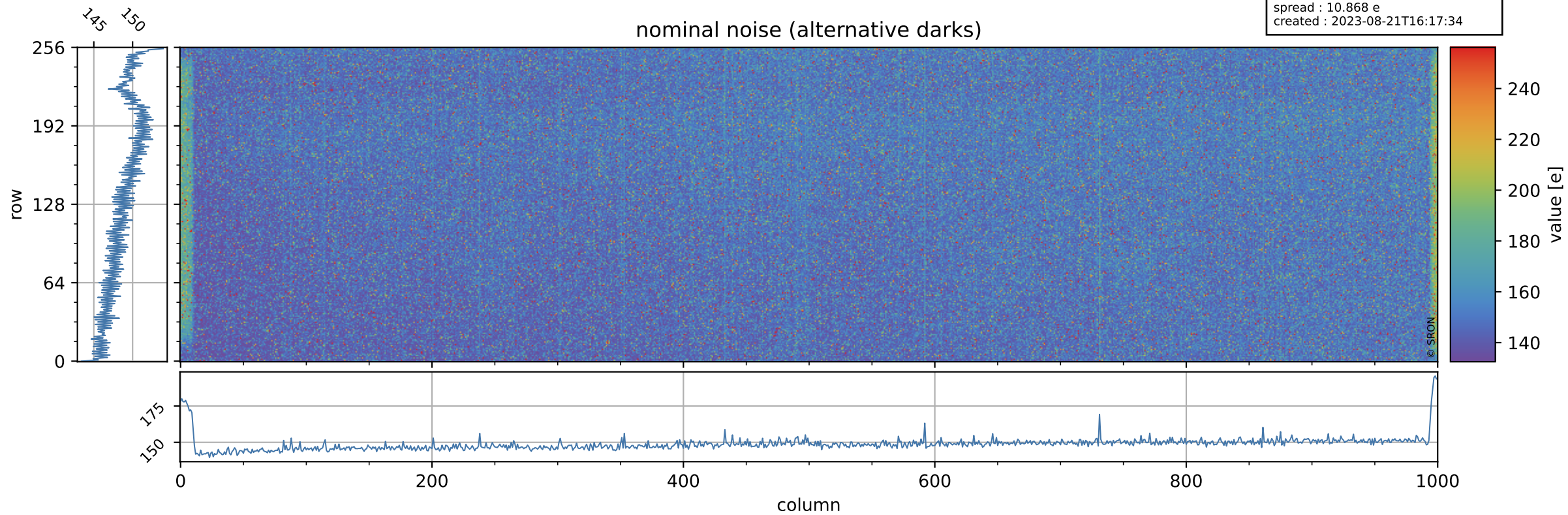


# Tropomi SWIR background noise (swir)

orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.68 e  
spread : 10.868 e  
created : 2023-08-21T16:17:34

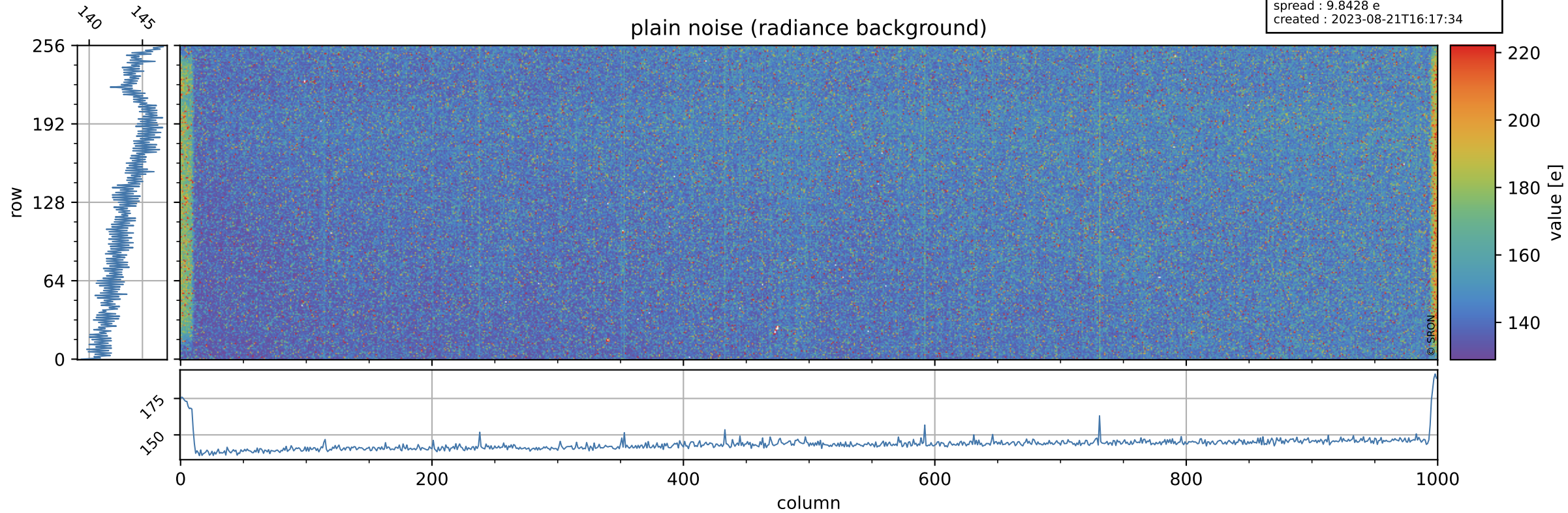
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.47 e  
spread : 9.8428 e  
created : 2023-08-21T16:17:34

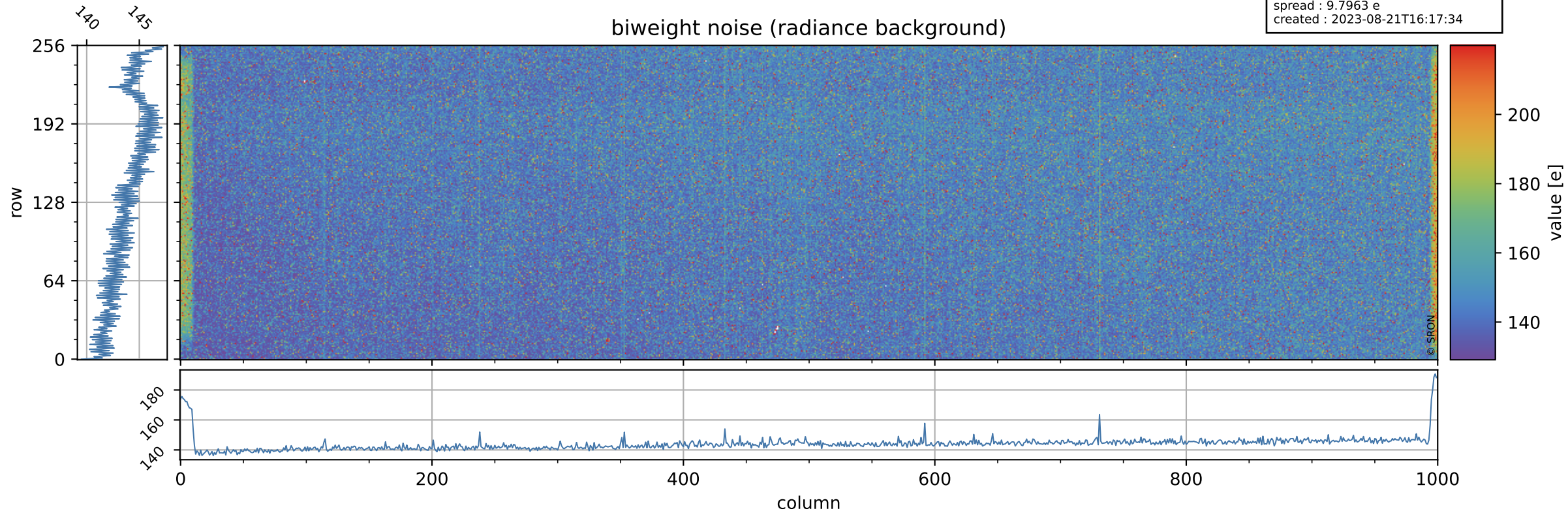
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 9.7963 e  
created : 2023-08-21T16:17:34

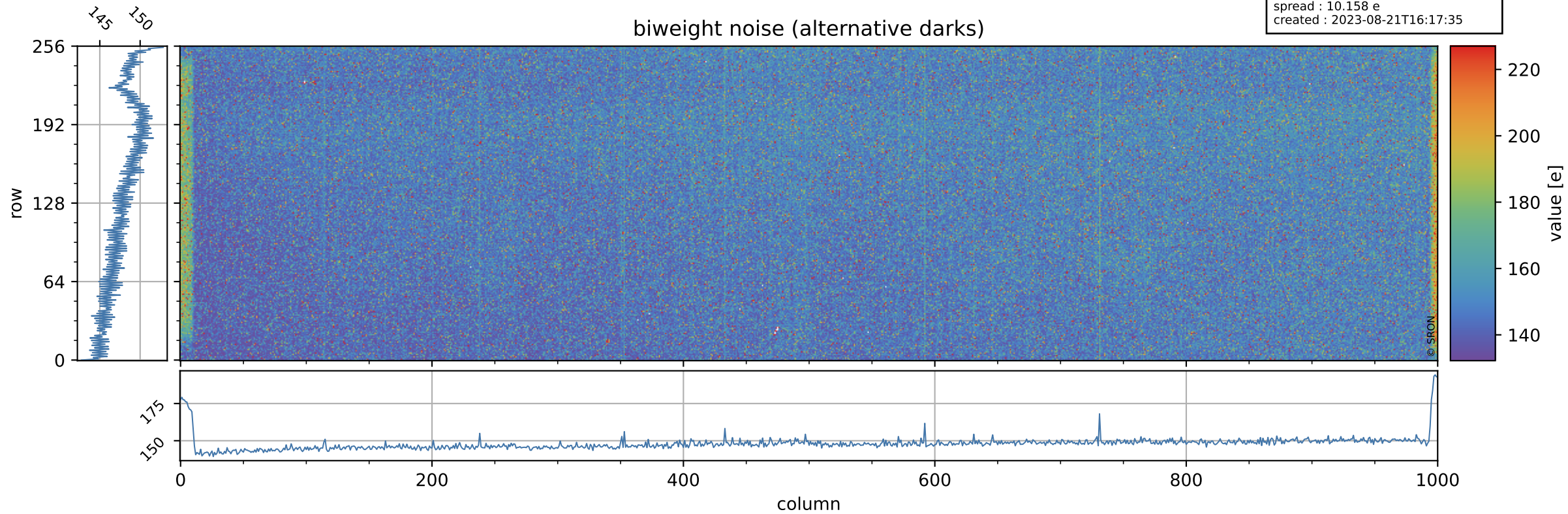
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.78 e  
spread : 10.158 e  
created : 2023-08-21T16:17:35

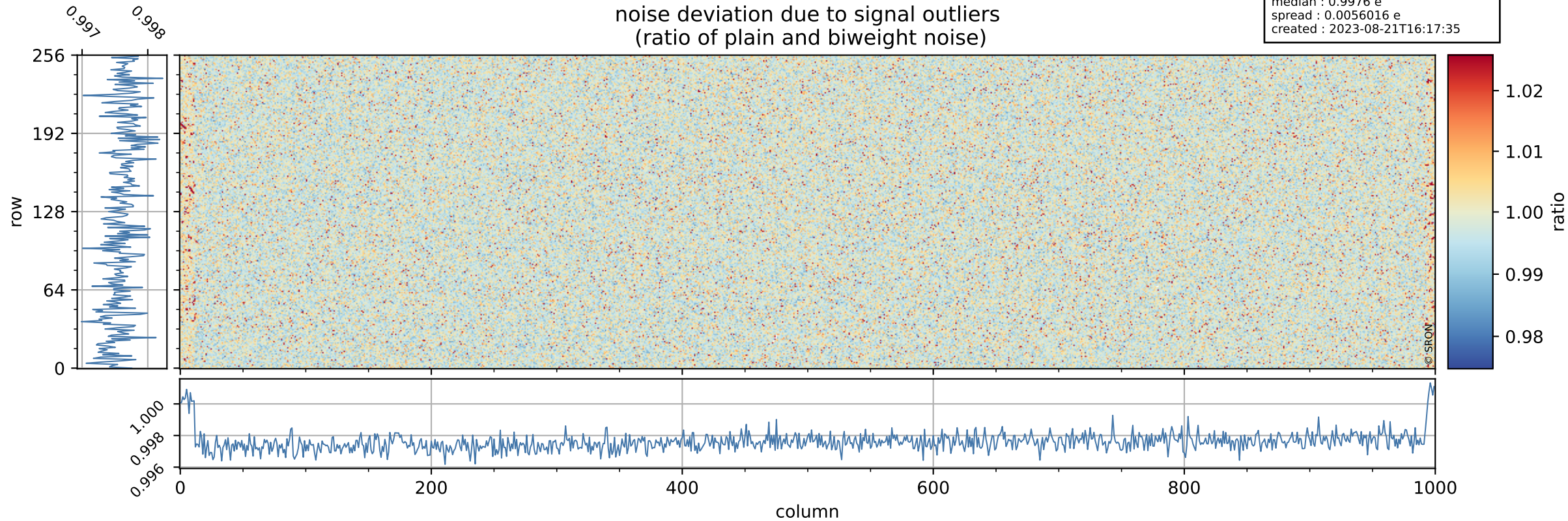
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

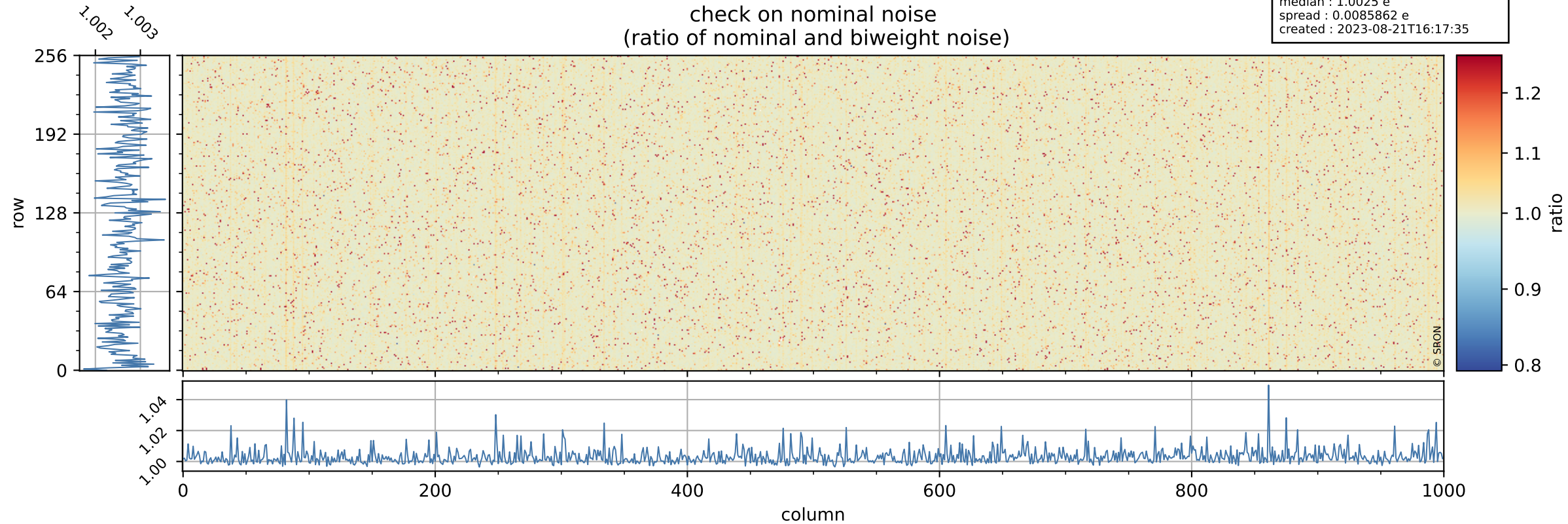
orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
median : 0.9976 e  
spread : 0.0056016 e  
created : 2023-08-21T16:17:35



# Tropomi SWIR background noise (swir)

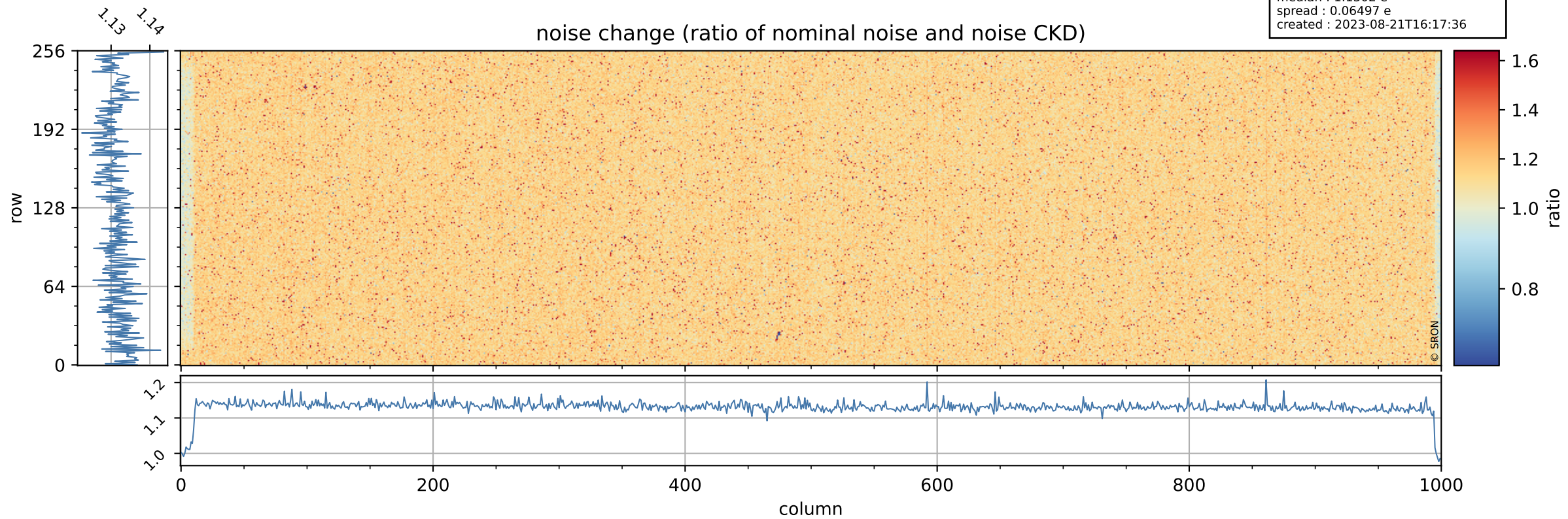
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
median : 1.0025 e  
spread : 0.0085862 e  
created : 2023-08-21T16:17:35



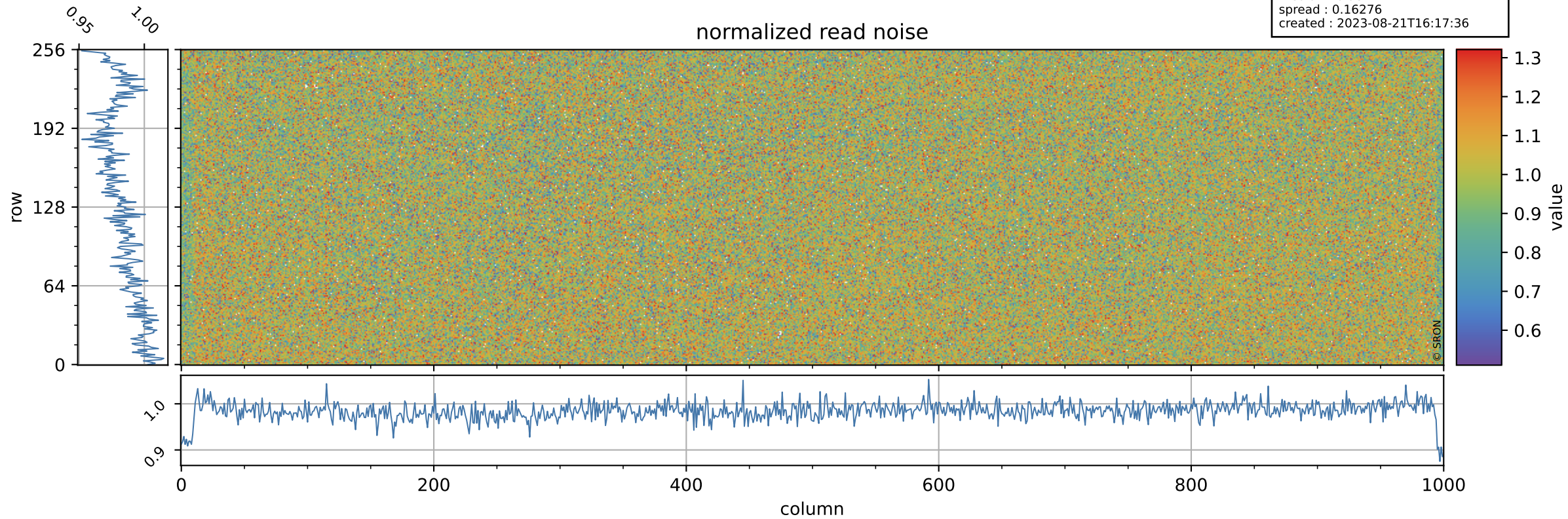
# Tropomi SWIR background noise (swir)

orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
median : 1.1302 e  
spread : 0.06497 e  
created : 2023-08-21T16:17:36



# Tropomi SWIR background noise (swir)

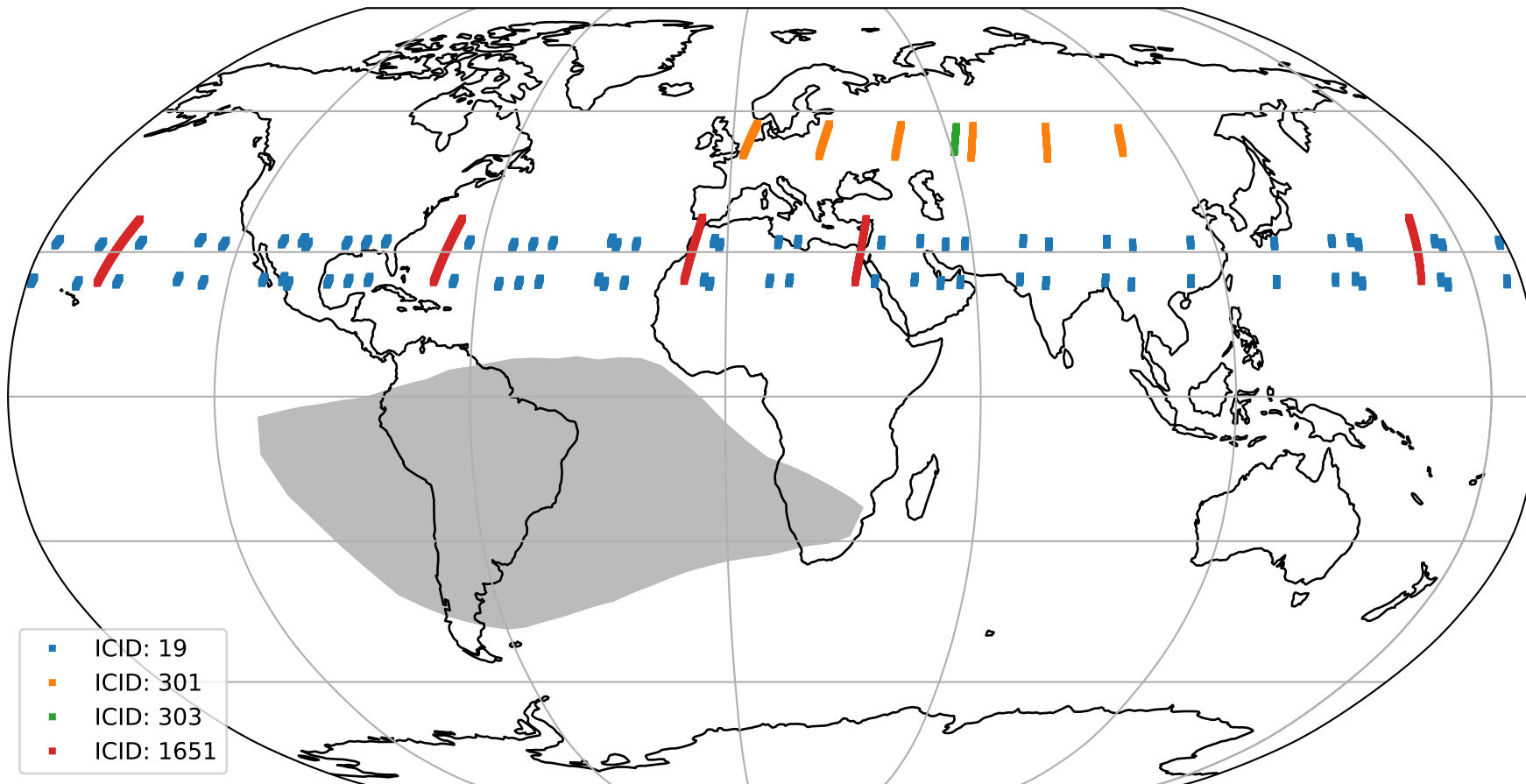
orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
median : 0.98272  
spread : 0.16276  
created : 2023-08-21T16:17:36





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

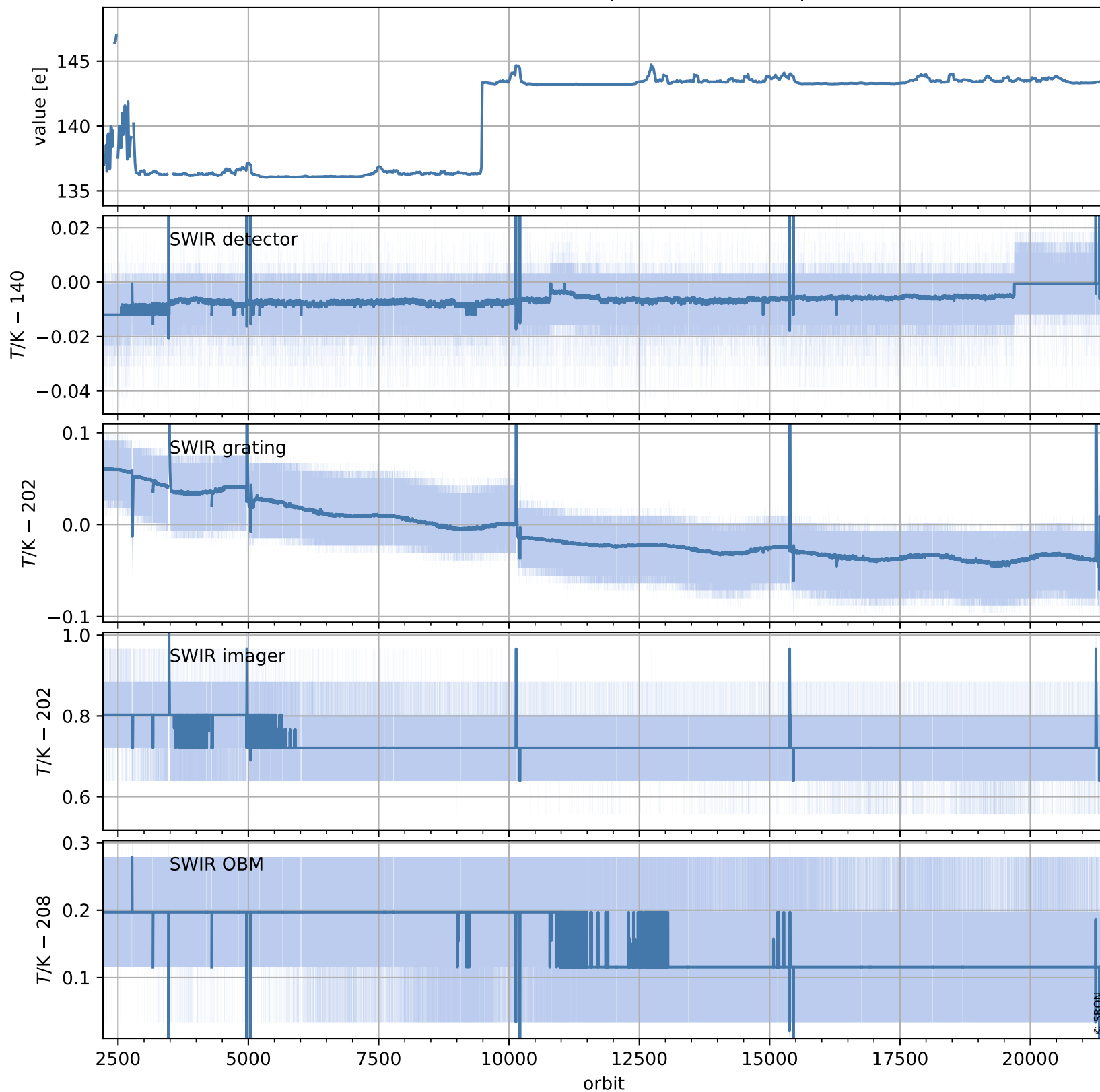
orbits : 12 in [21352, 21427]  
coverage : 2021-11-25 / 2021-12-01  
created : 2023-08-21T16:17:36



# Tropomi SWIR background noise (swir)

orbits : [2212, 21427]  
coverage : 2018-03-18 / 2021-12-01  
created : 2023-08-21T16:17:37

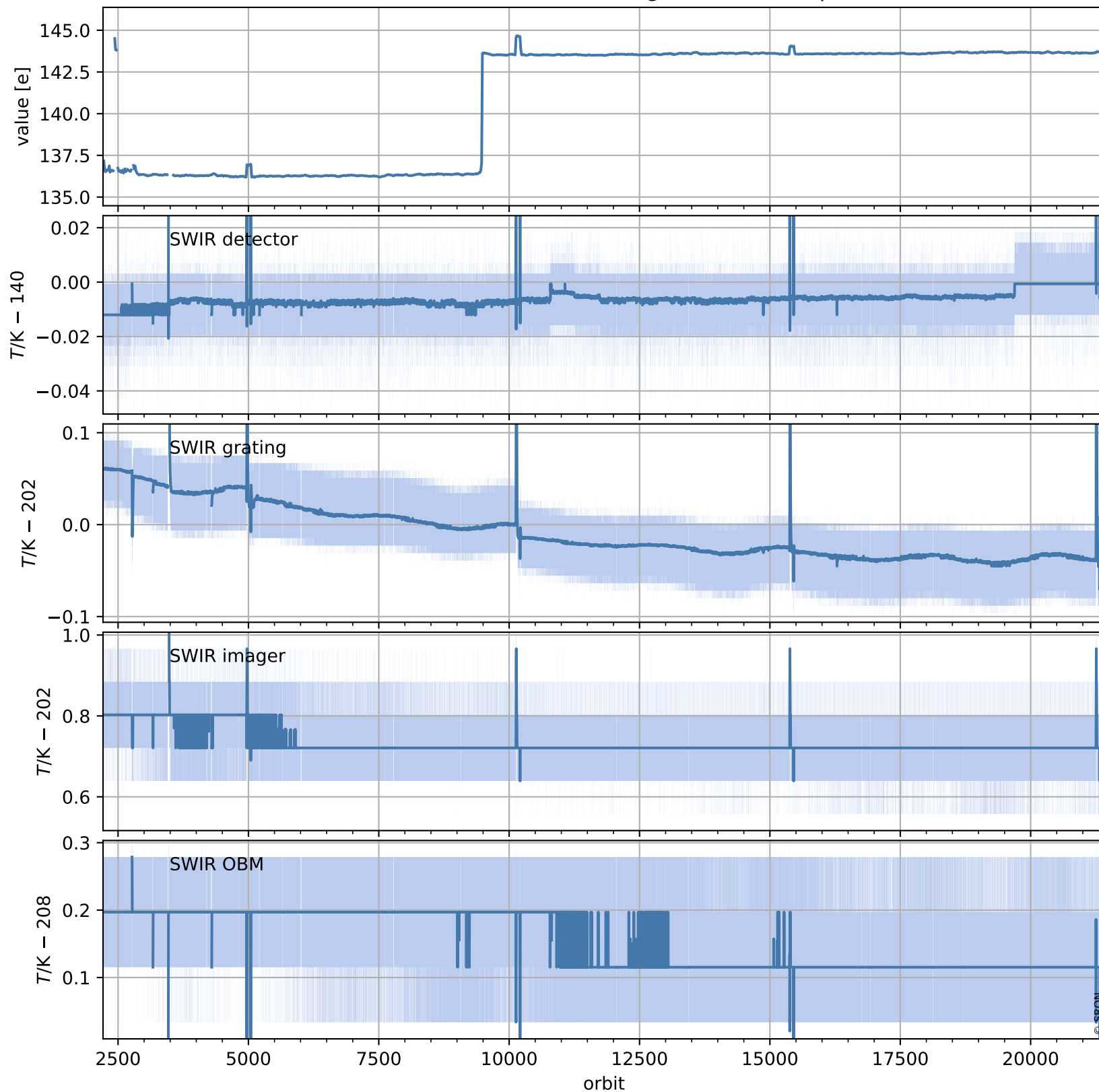
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21427]  
coverage : 2018-03-18 / 2021-12-01  
created : 2023-08-21T16:17:37

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21427]  
coverage : 2018-03-18 / 2021-12-01  
created : 2023-08-21T16:17:38

## trend of normalized read-noise & temperatures

