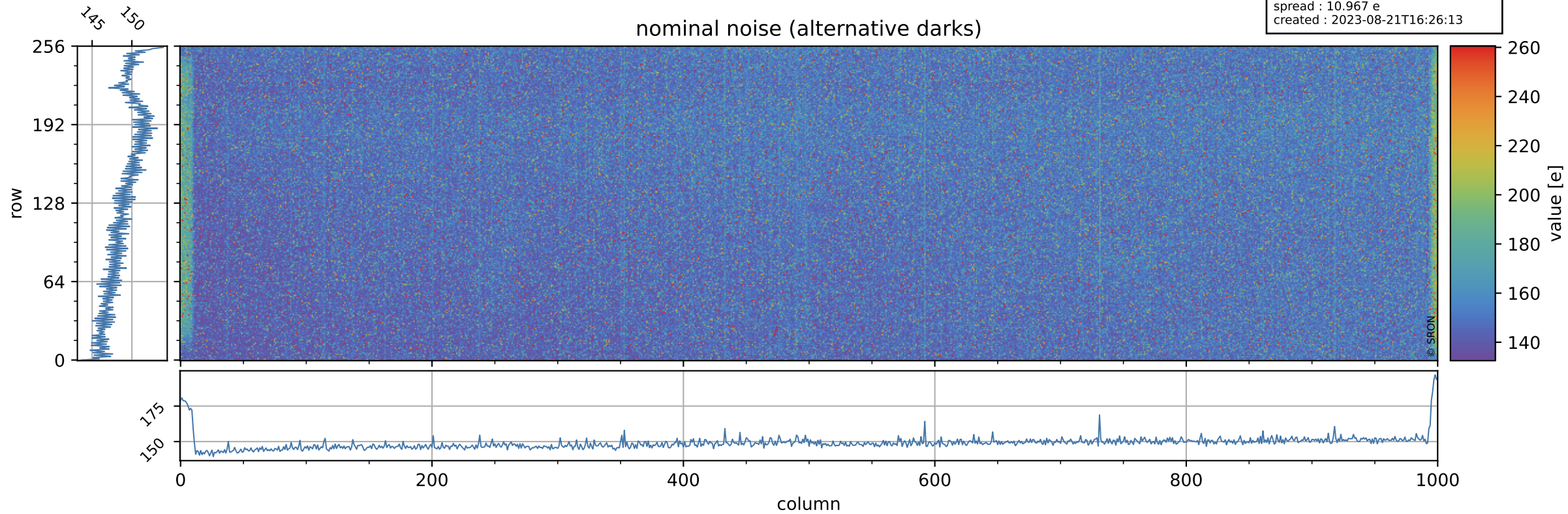


# Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
n\_coad, t\_exp : 1, 1.0783  
median : 148.83 e  
spread : 10.967 e  
created : 2023-08-21T16:26:13

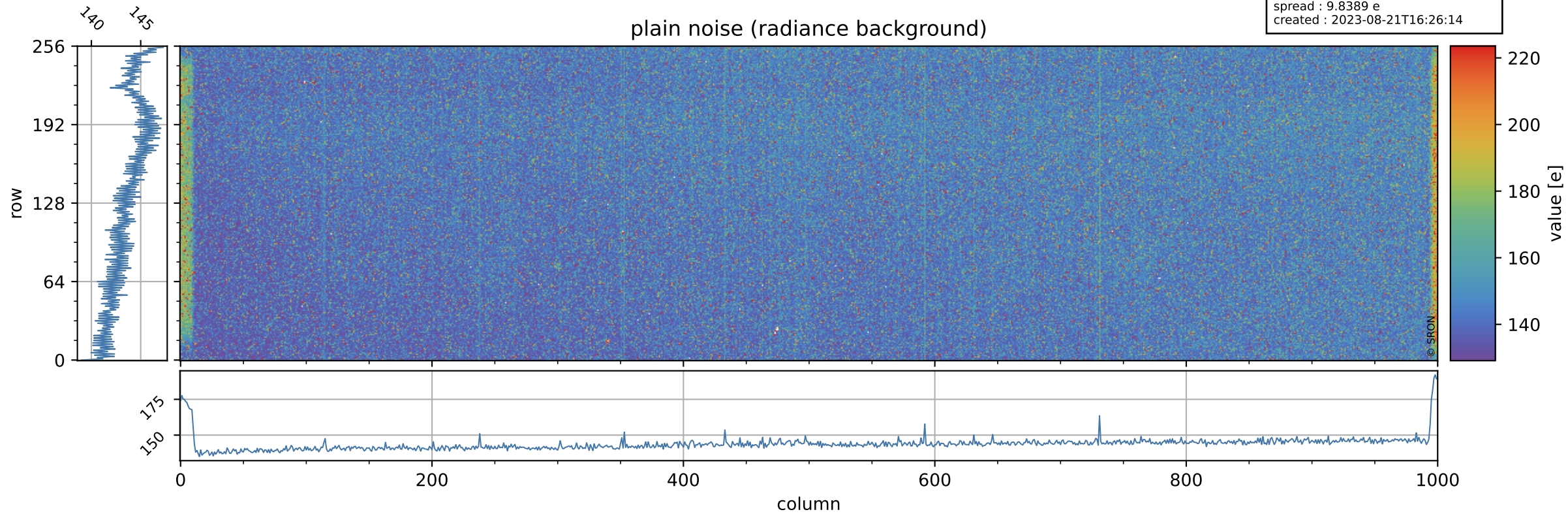
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.56 e  
spread : 9.8389 e  
created : 2023-08-21T16:26:14

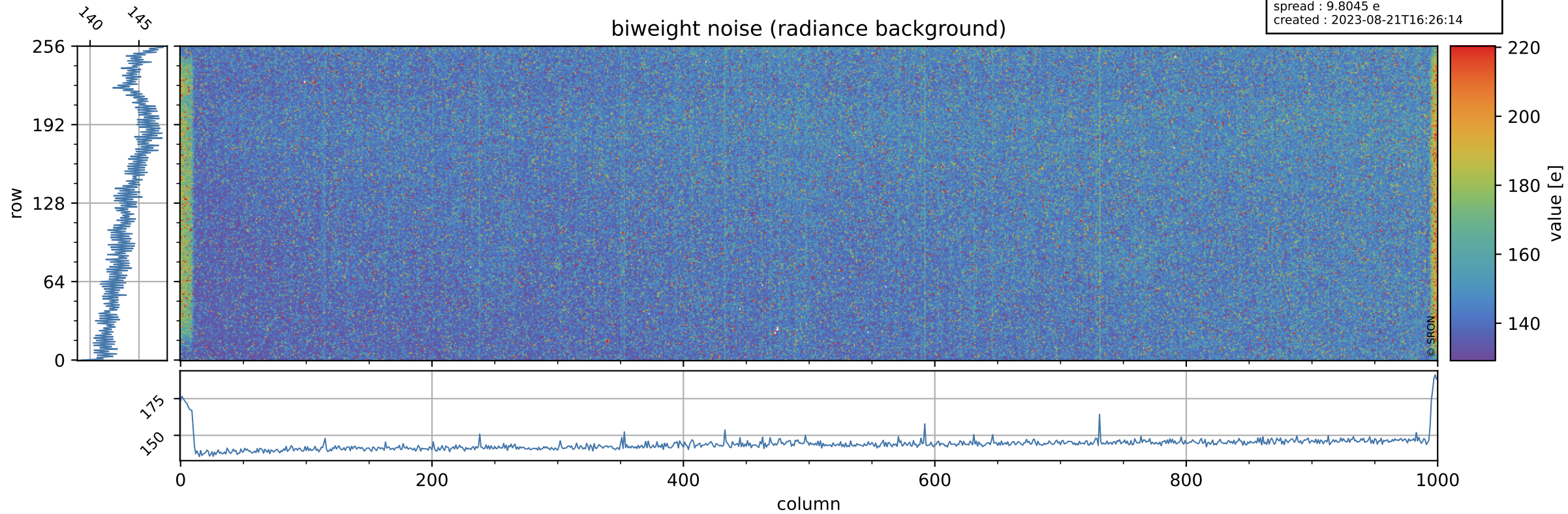
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 9.8045 e  
created : 2023-08-21T16:26:14

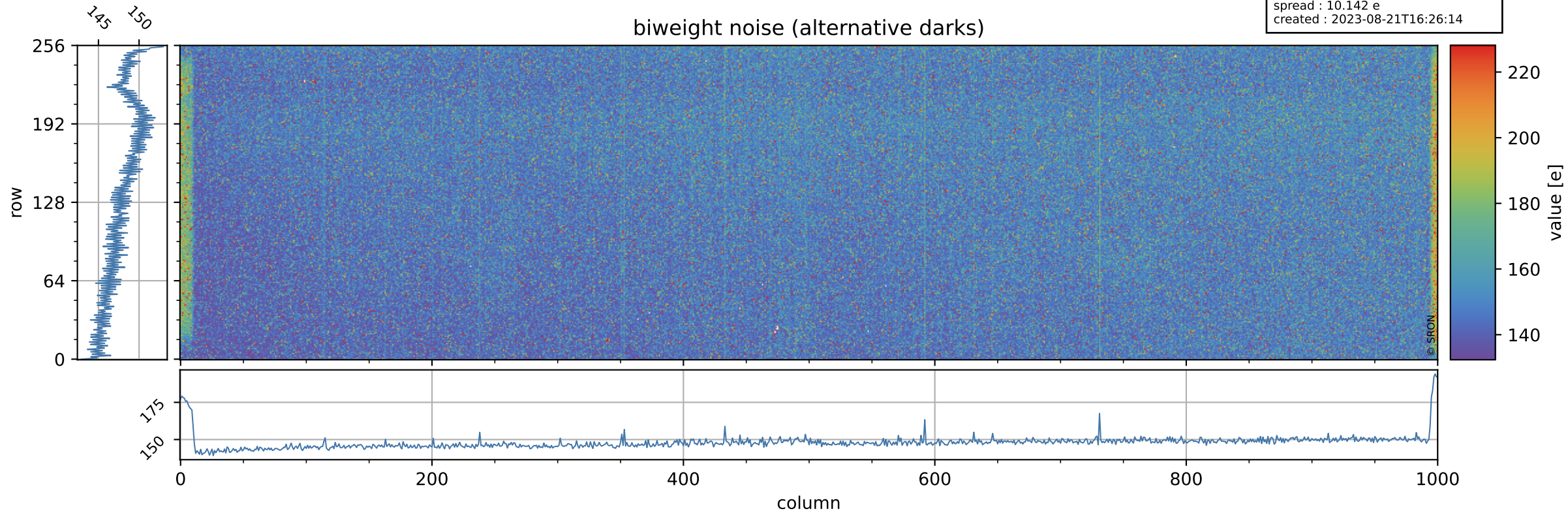
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.142 e  
created : 2023-08-21T16:26:14

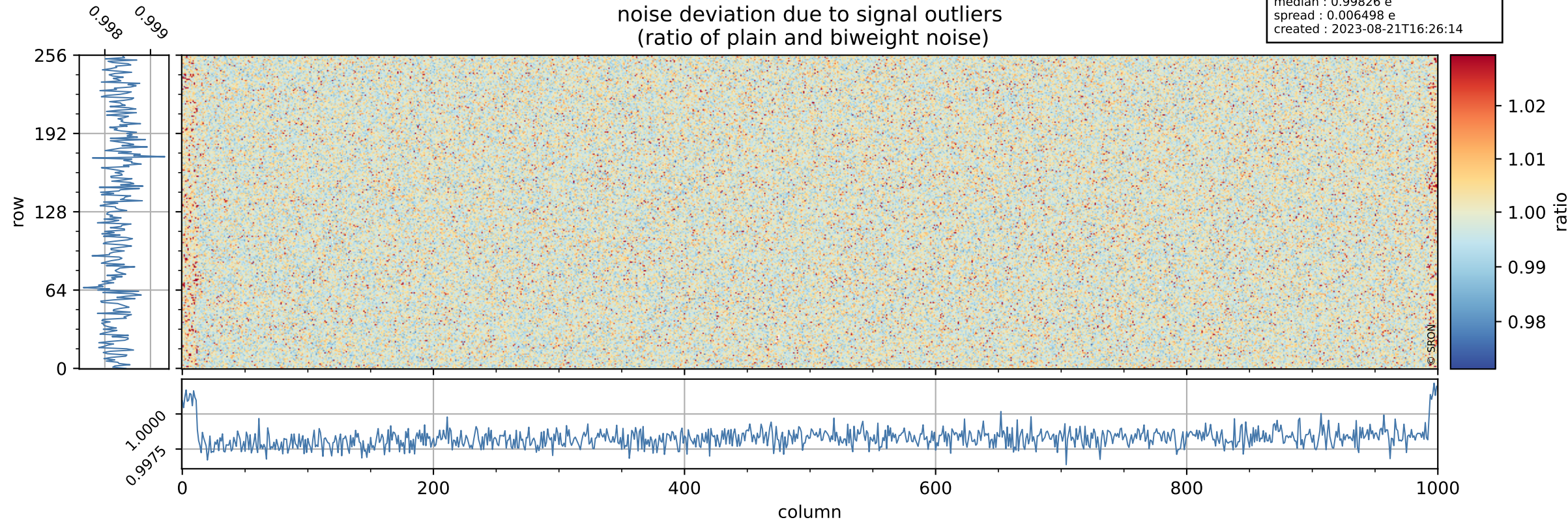
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

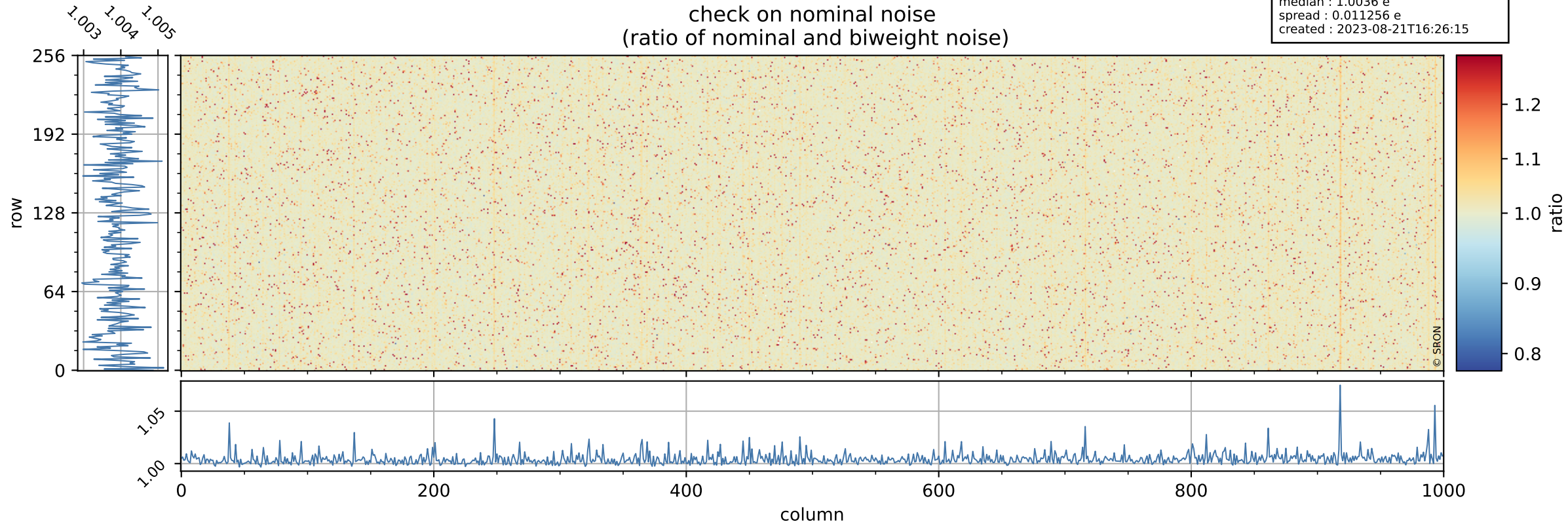
orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
median : 0.99826 e  
spread : 0.006498 e  
created : 2023-08-21T16:26:14



# Tropomi SWIR background noise (swir)

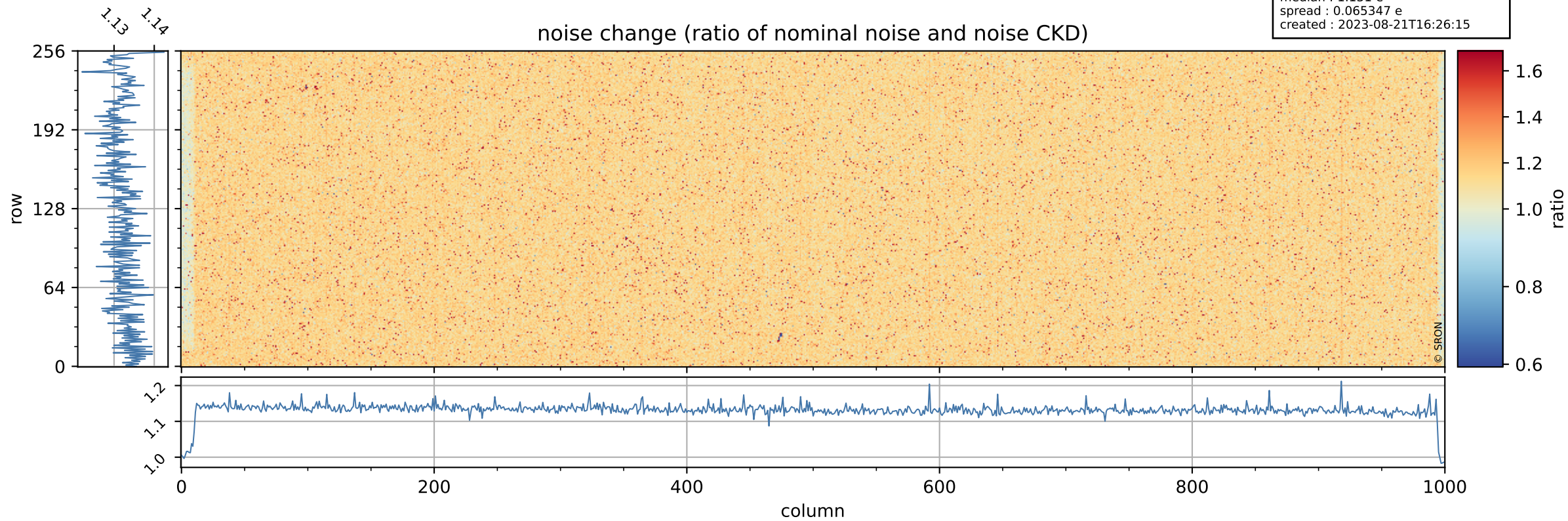
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
median : 1.0036 e  
spread : 0.011256 e  
created : 2023-08-21T16:26:15



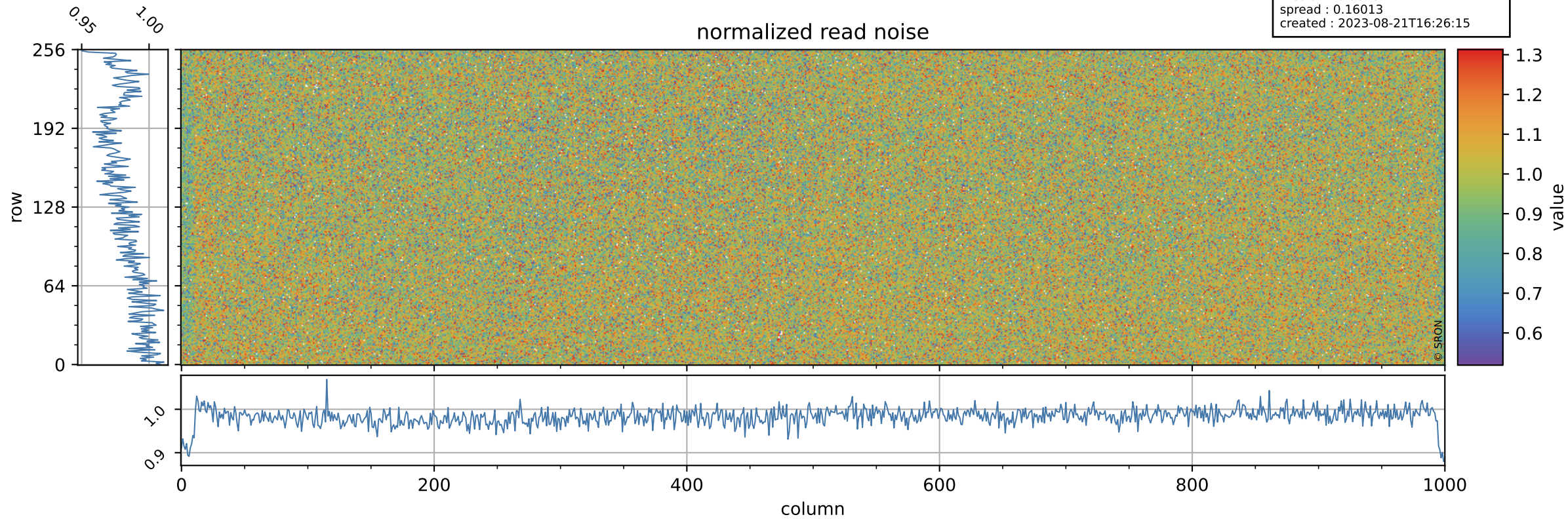
# Tropomi SWIR background noise (swir)

orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
median : 1.131 e  
spread : 0.065347 e  
created : 2023-08-21T16:26:15



# Tropomi SWIR background noise (swir)

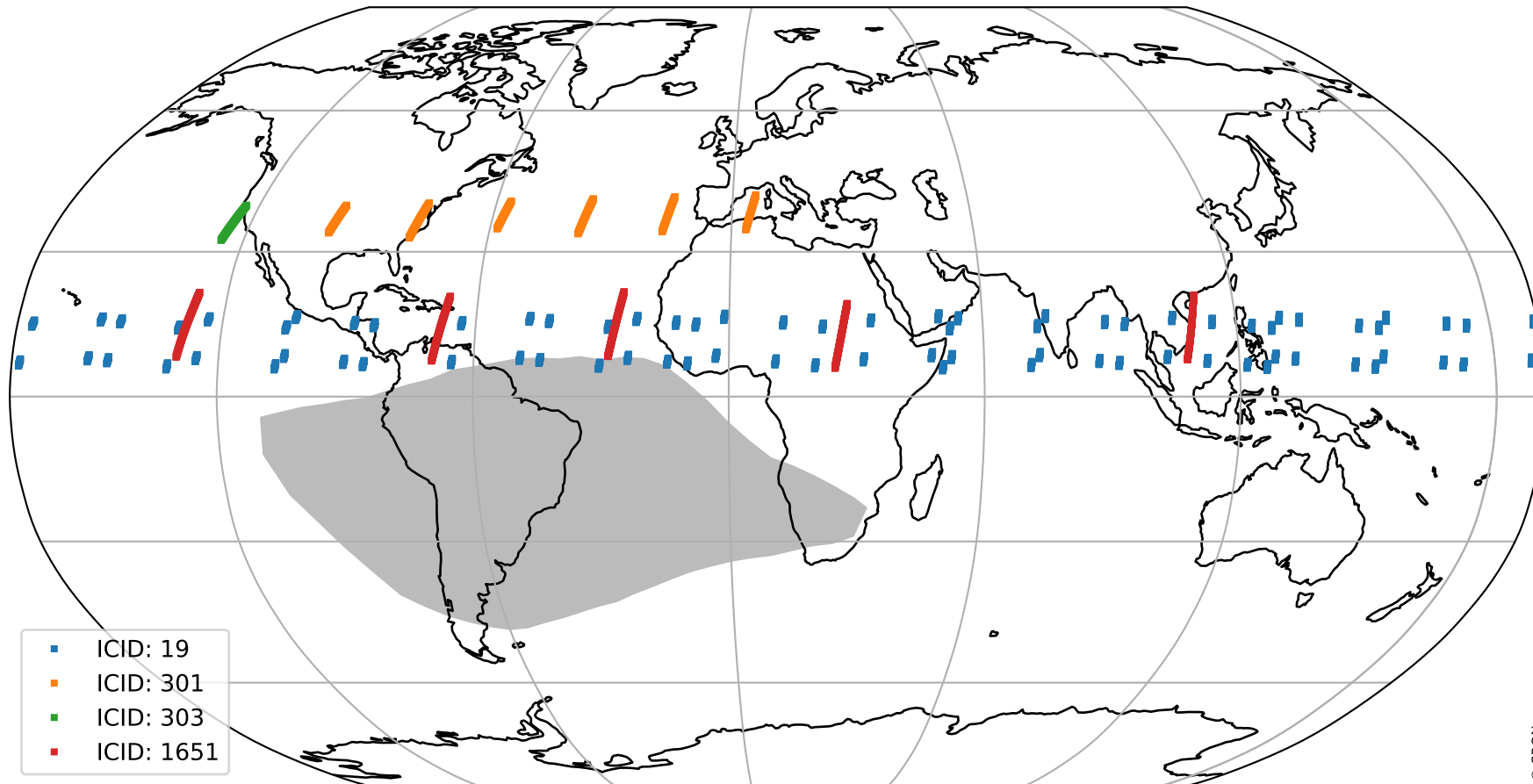
orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
median : 0.98202  
spread : 0.16013  
created : 2023-08-21T16:26:15





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

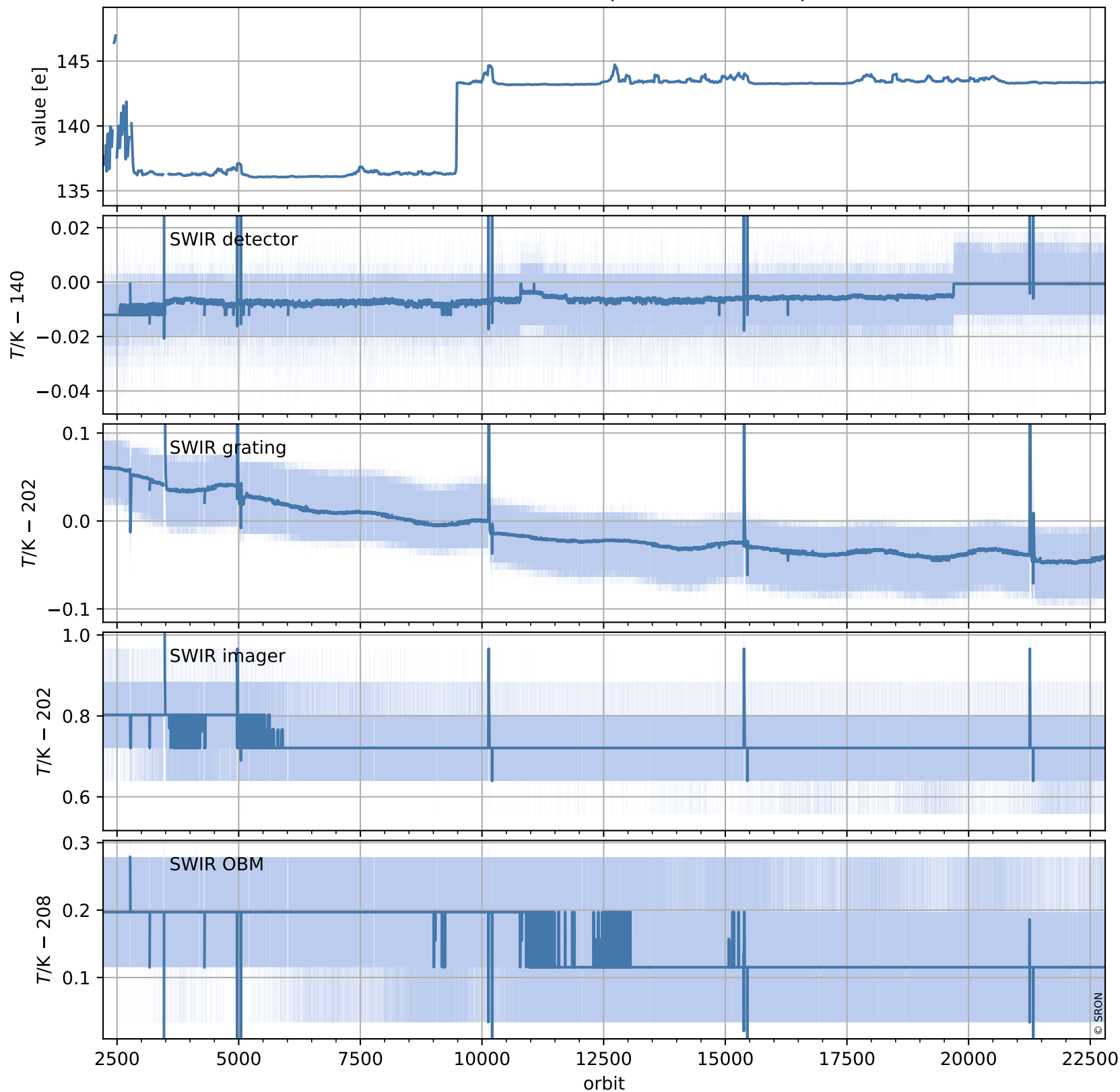
orbits : 12 in [22717, 22807]  
coverage : 2022-03-03 / 2022-03-08  
created : 2023-08-21T16:26:16



# Tropomi SWIR background noise (swir)

orbits : [2212, 22807]  
coverage : 2018-03-18 / 2022-03-08  
created : 2023-08-21T16:26:16

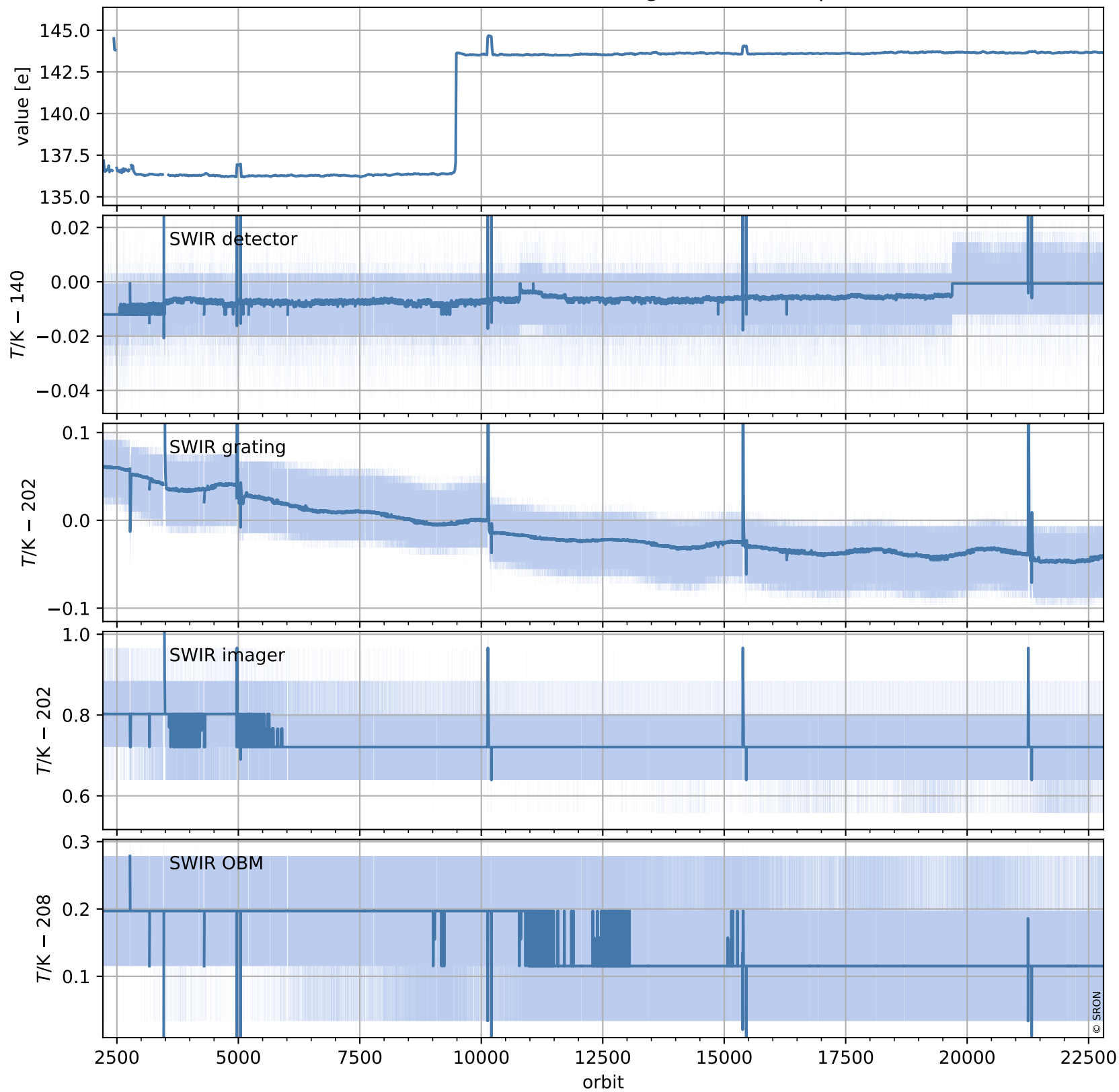
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22807]  
coverage : 2018-03-18 / 2022-03-08  
created : 2023-08-21T16:26:17

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22807]  
coverage : 2018-03-18 / 2022-03-08  
created : 2023-08-21T16:26:18

## trend of normalized read-noise & temperatures

