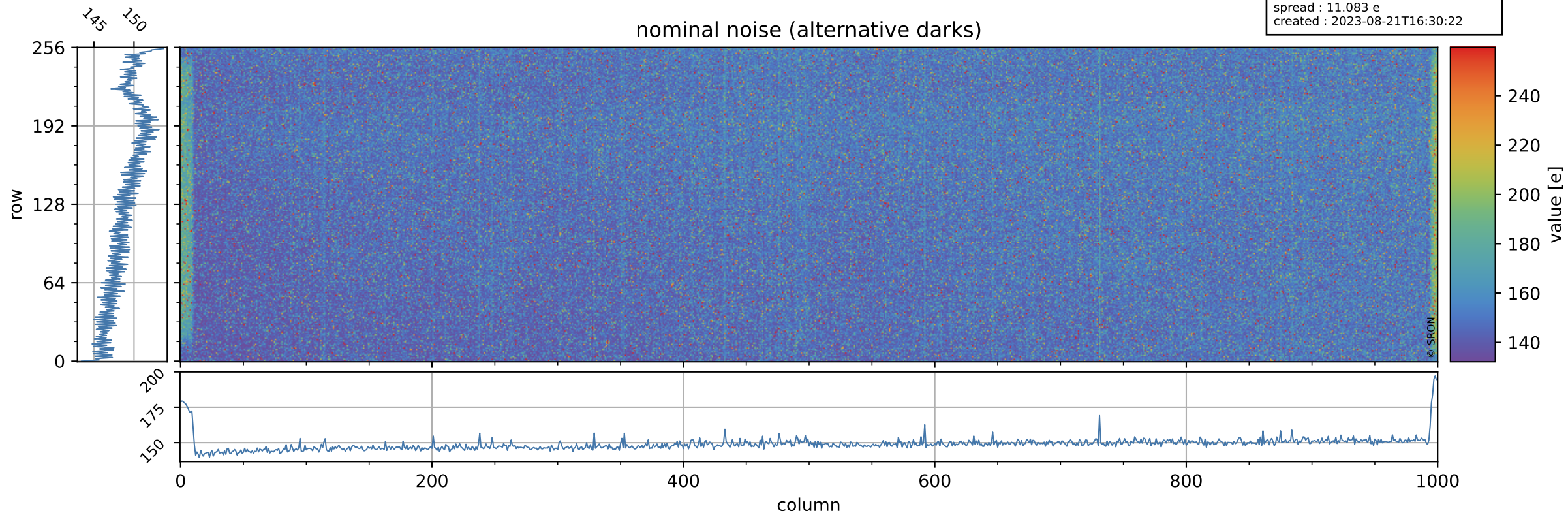


# Tropomi SWIR background noise (swir)

orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
n\_coad, t\_exp : 1, 1.0783  
median : 148.8 e  
spread : 11.083 e  
created : 2023-08-21T16:30:22

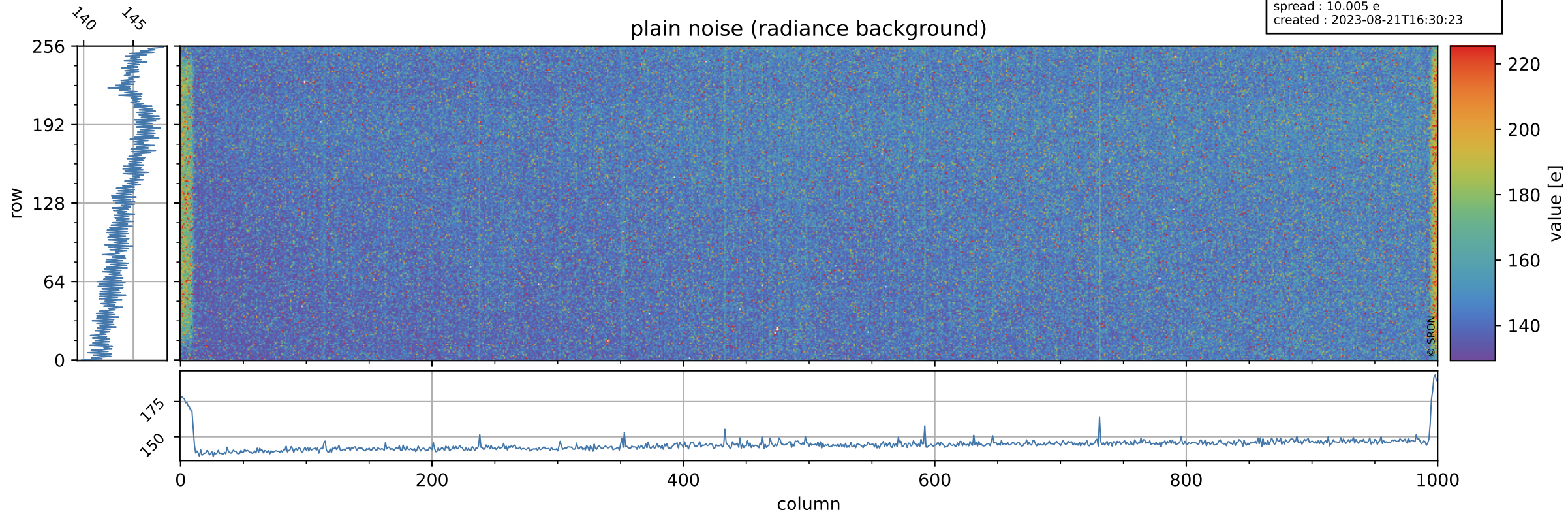
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
n\_coad, t\_exp : 1, 0.8383  
median : 144.13 e  
spread : 10.005 e  
created : 2023-08-21T16:30:23

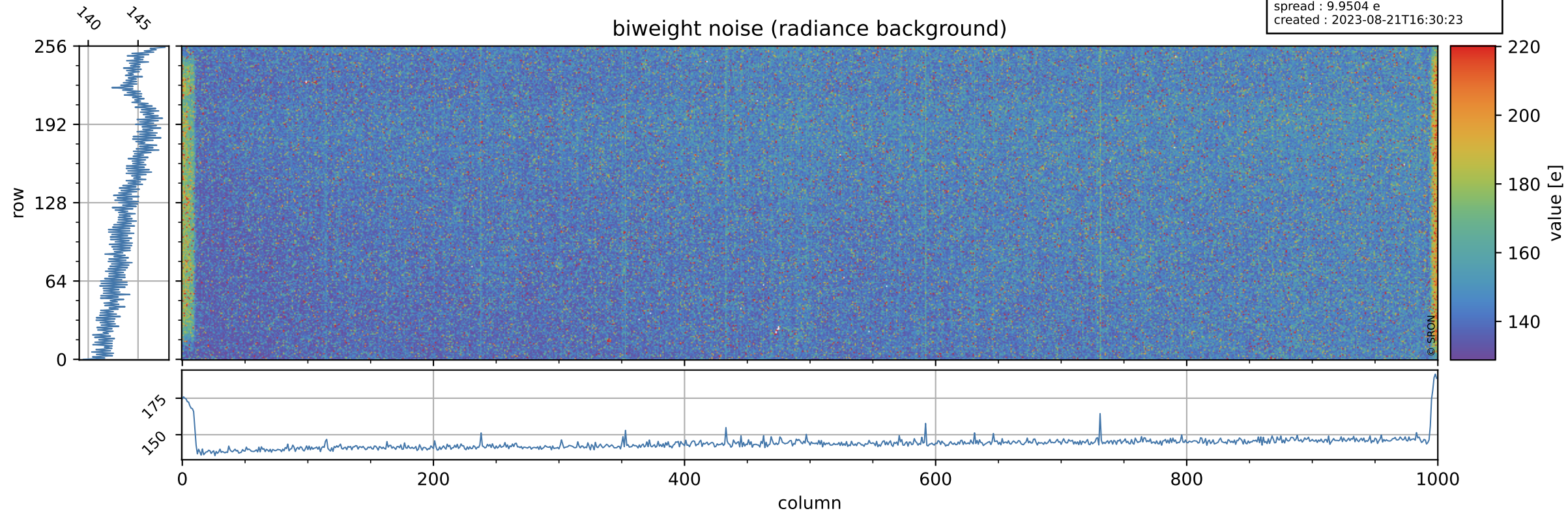
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 9.9504 e  
created : 2023-08-21T16:30:23

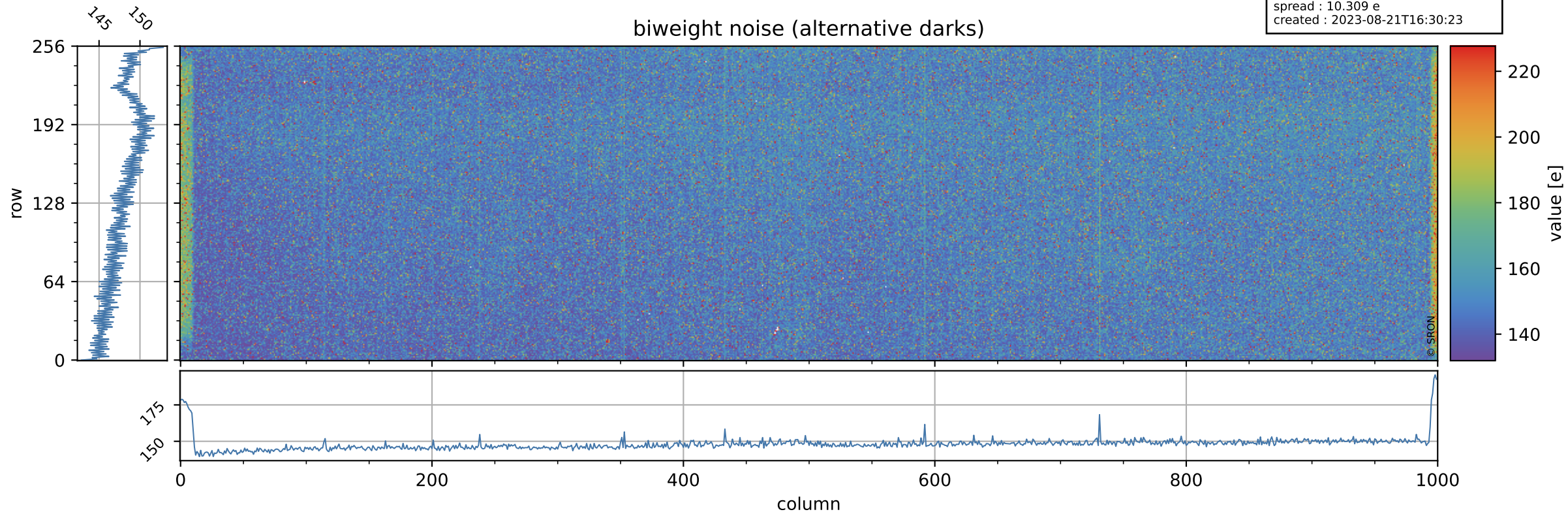
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
n\_coad, t\_exp : 1, 1.0783  
median : 147.83 e  
spread : 10.309 e  
created : 2023-08-21T16:30:23

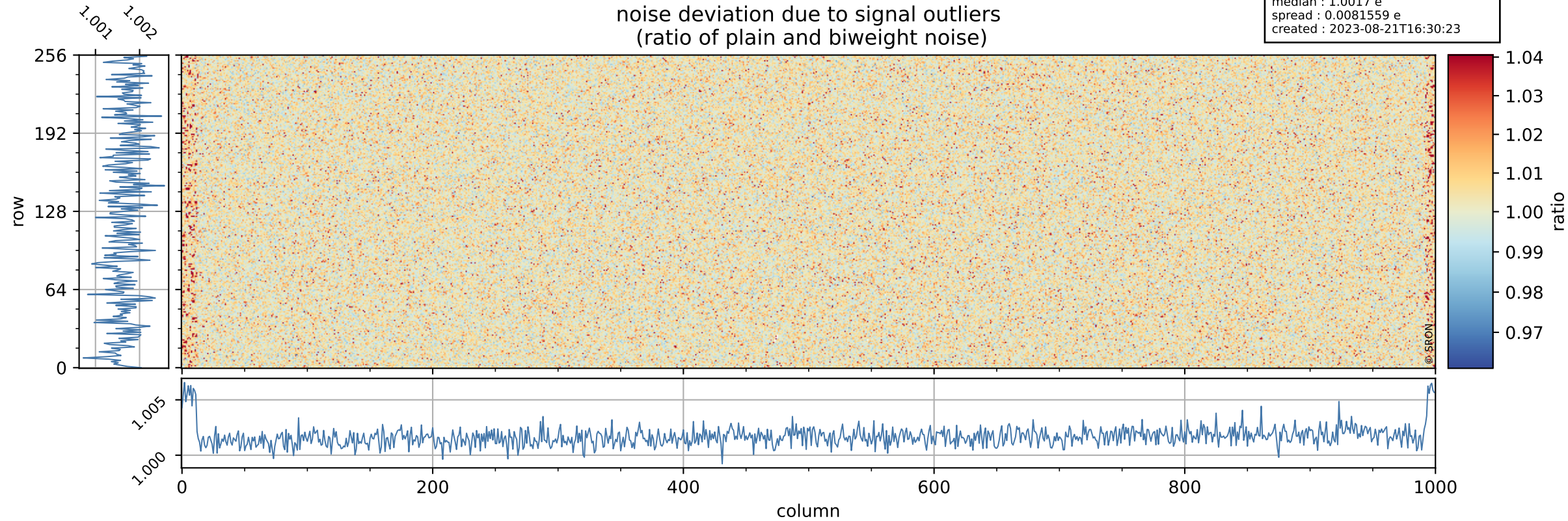
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

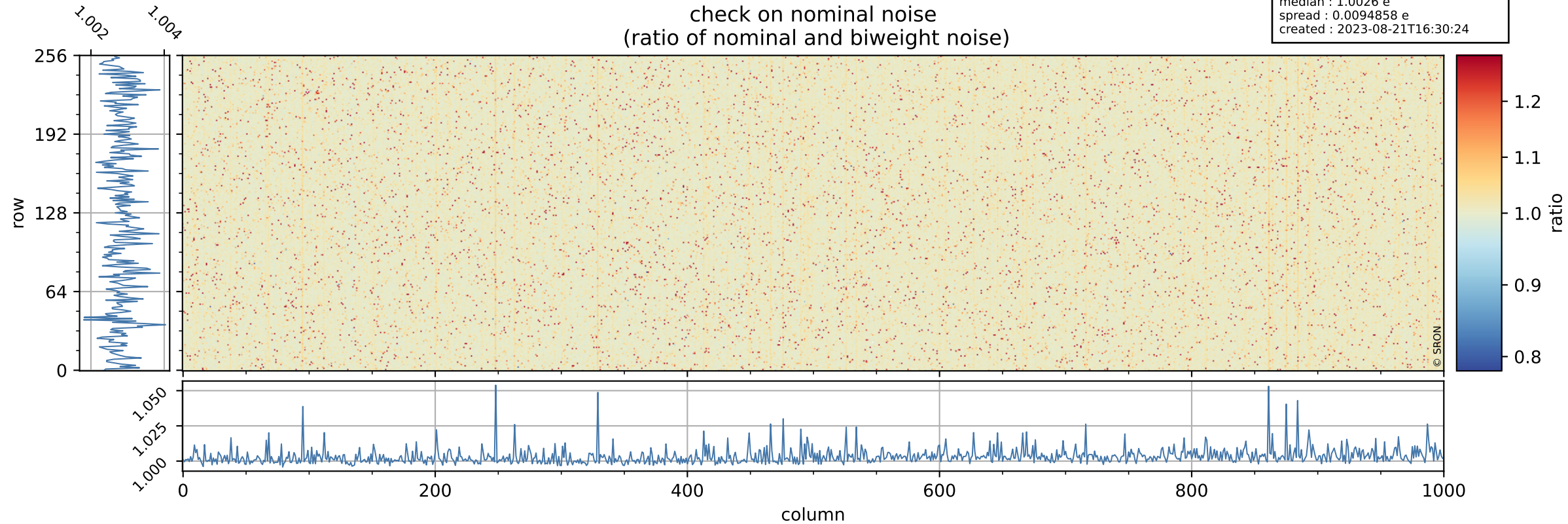
orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
median : 1.0017 e  
spread : 0.0081559 e  
created : 2023-08-21T16:30:23



# Tropomi SWIR background noise (swir)

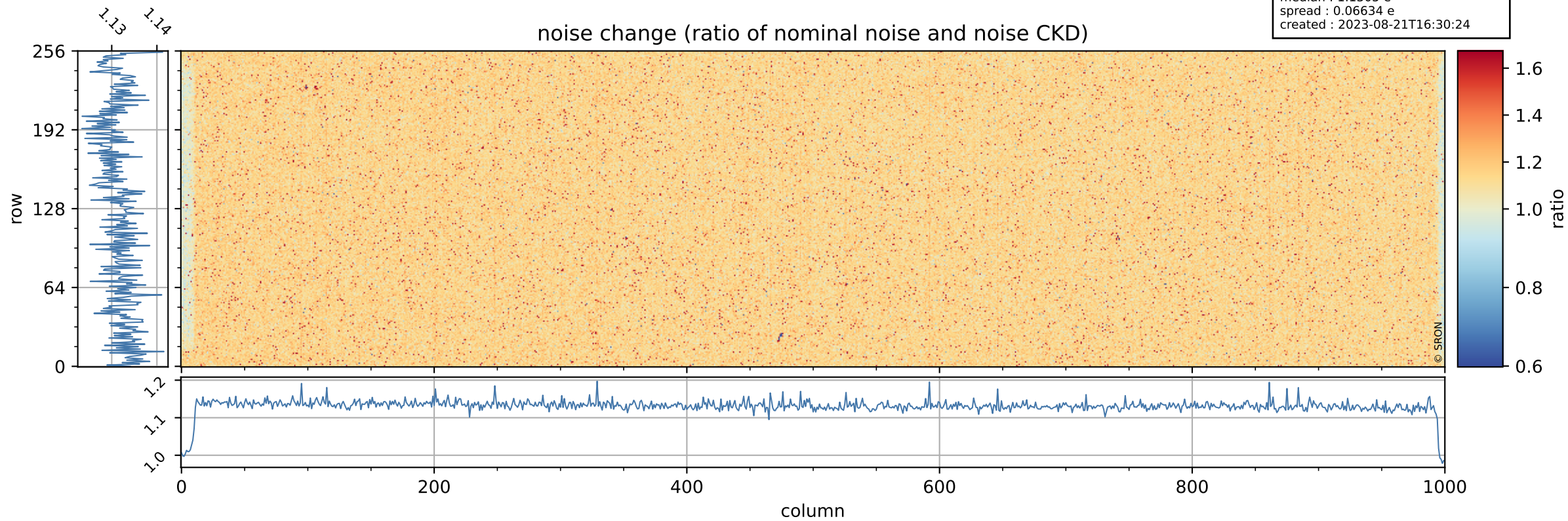
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
median : 1.0026 e  
spread : 0.0094858 e  
created : 2023-08-21T16:30:24



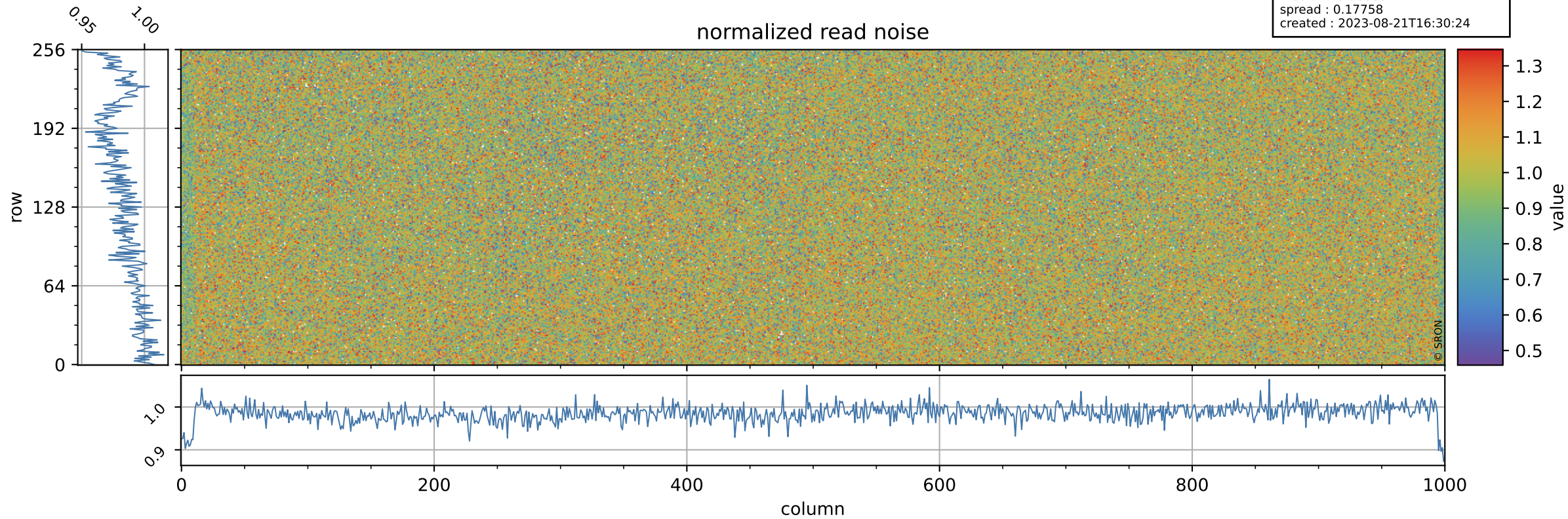
# Tropomi SWIR background noise (swir)

orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
median : 1.1305 e  
spread : 0.06634 e  
created : 2023-08-21T16:30:24



# Tropomi SWIR background noise (swir)

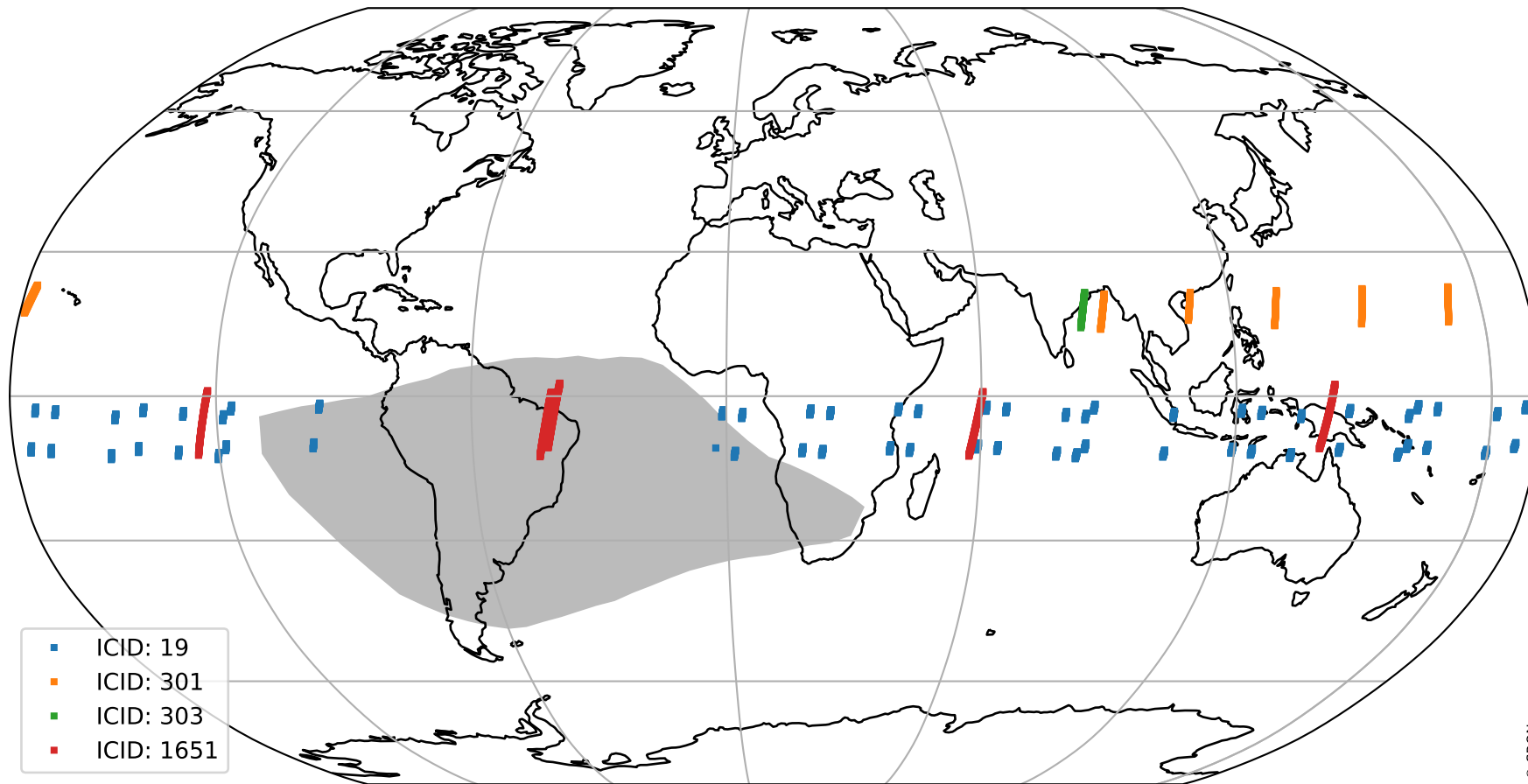
orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
median : 0.98353  
spread : 0.17758  
created : 2023-08-21T16:30:24





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

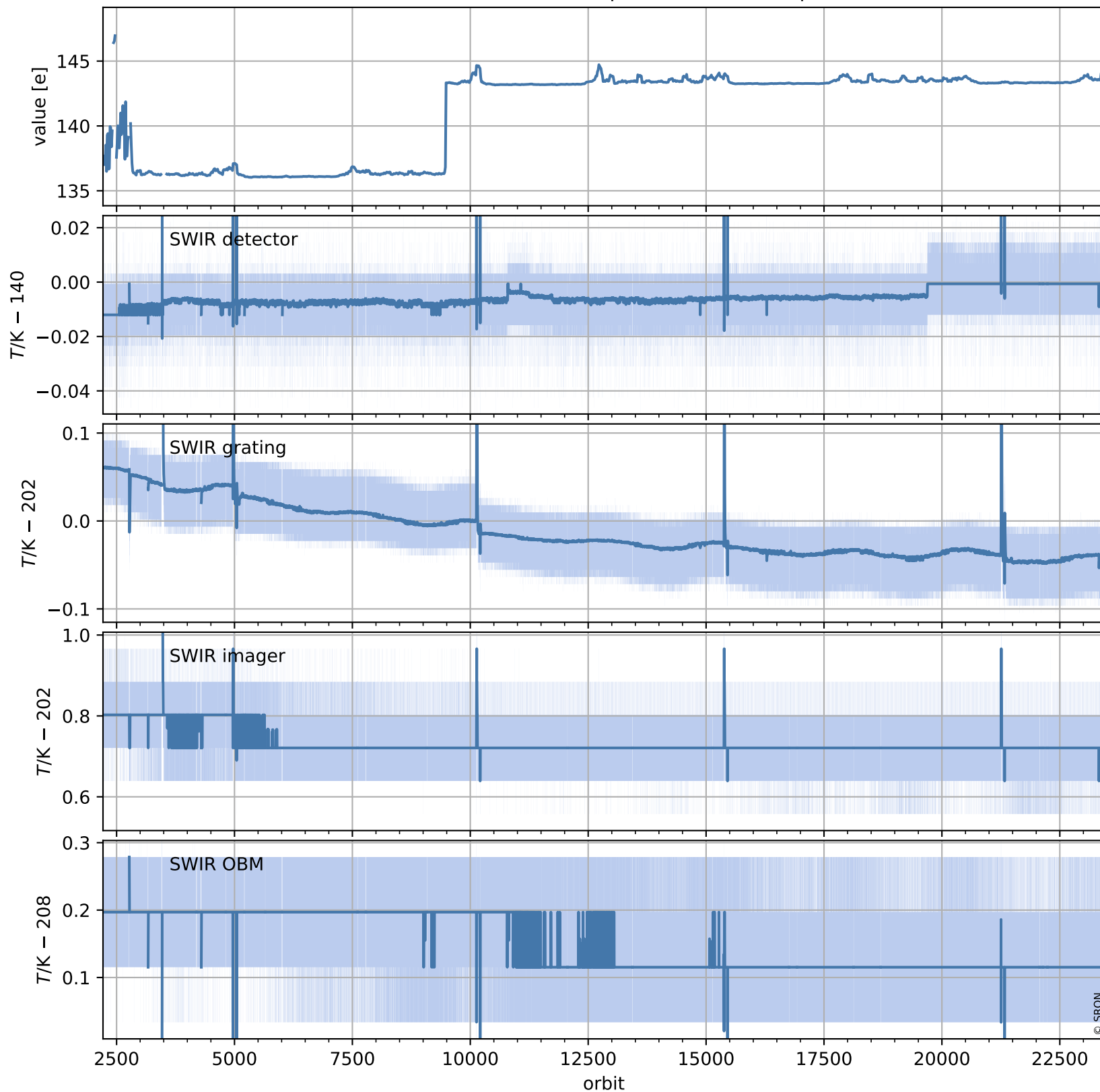
orbits : 12 in [23362, 23452]  
coverage : 2022-04-17 / 2022-04-23  
created : 2023-08-21T16:30:25



# Tropomi SWIR background noise (swir)

orbits : [2212, 23452]  
coverage : 2018-03-18 / 2022-04-23  
created : 2023-08-21T16:30:25

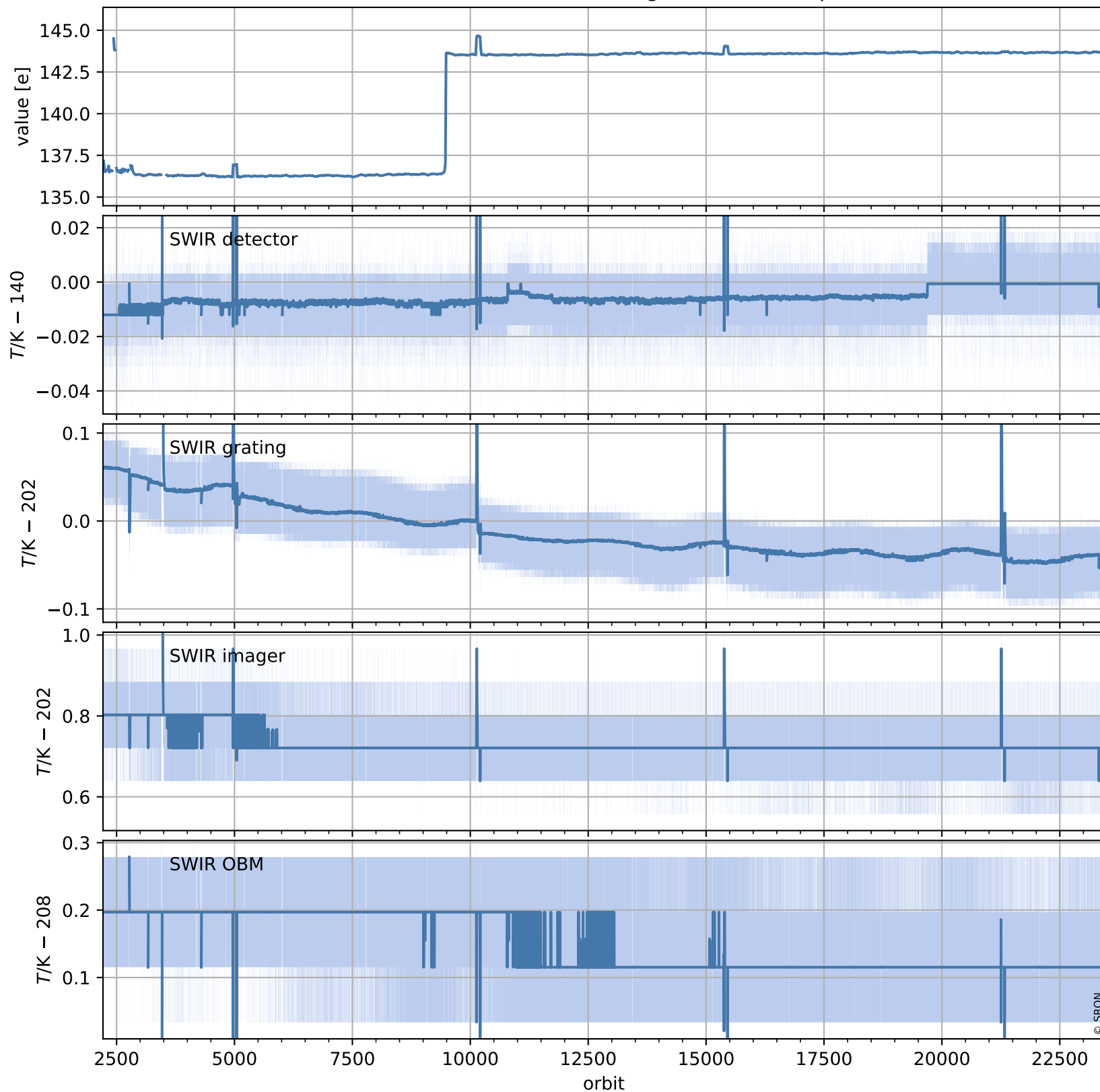
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23452]  
coverage : 2018-03-18 / 2022-04-23  
created : 2023-08-21T16:30:26

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 23452]  
coverage : 2018-03-18 / 2022-04-23  
created : 2023-08-21T16:30:27

## trend of normalized read-noise & temperatures

