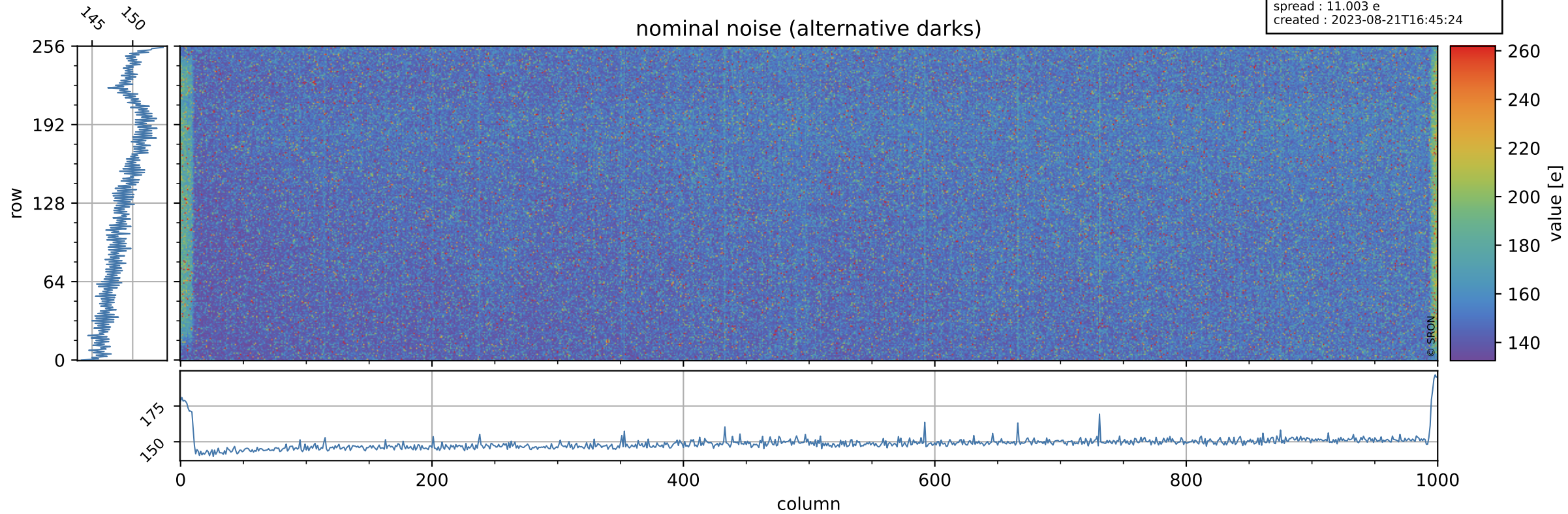


# Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
n\_coad, t\_exp : 1, 1.0783  
median : 148.78 e  
spread : 11.003 e  
created : 2023-08-21T16:45:24

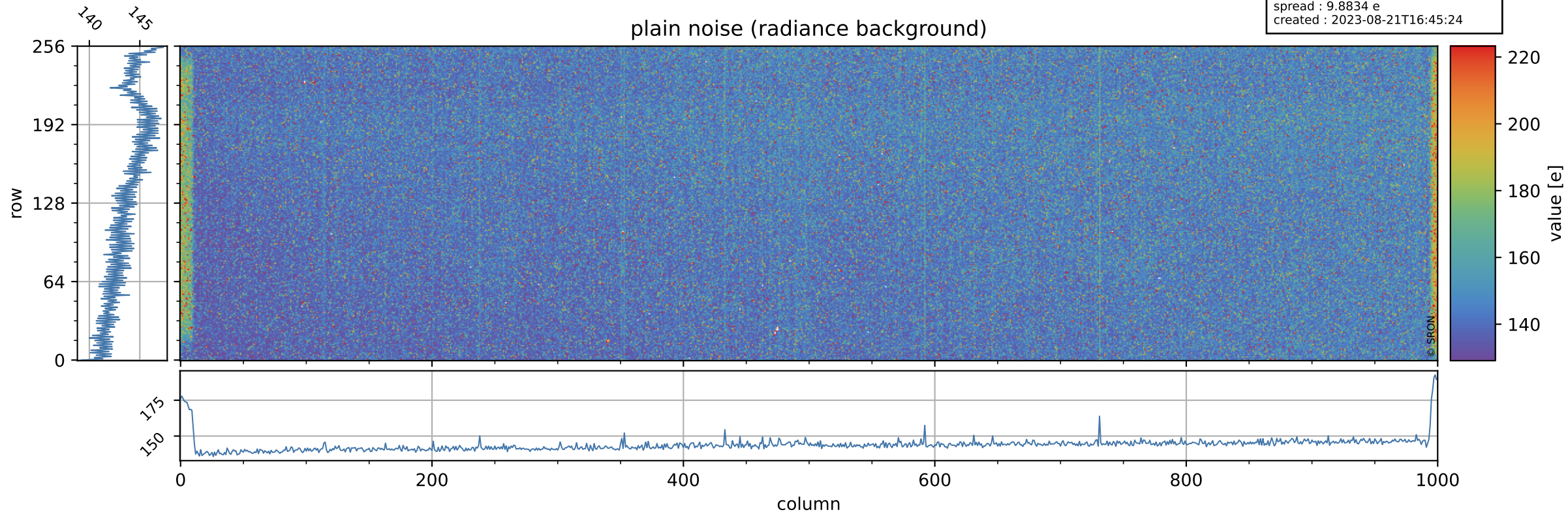
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.63 e  
spread : 9.8834 e  
created : 2023-08-21T16:45:24

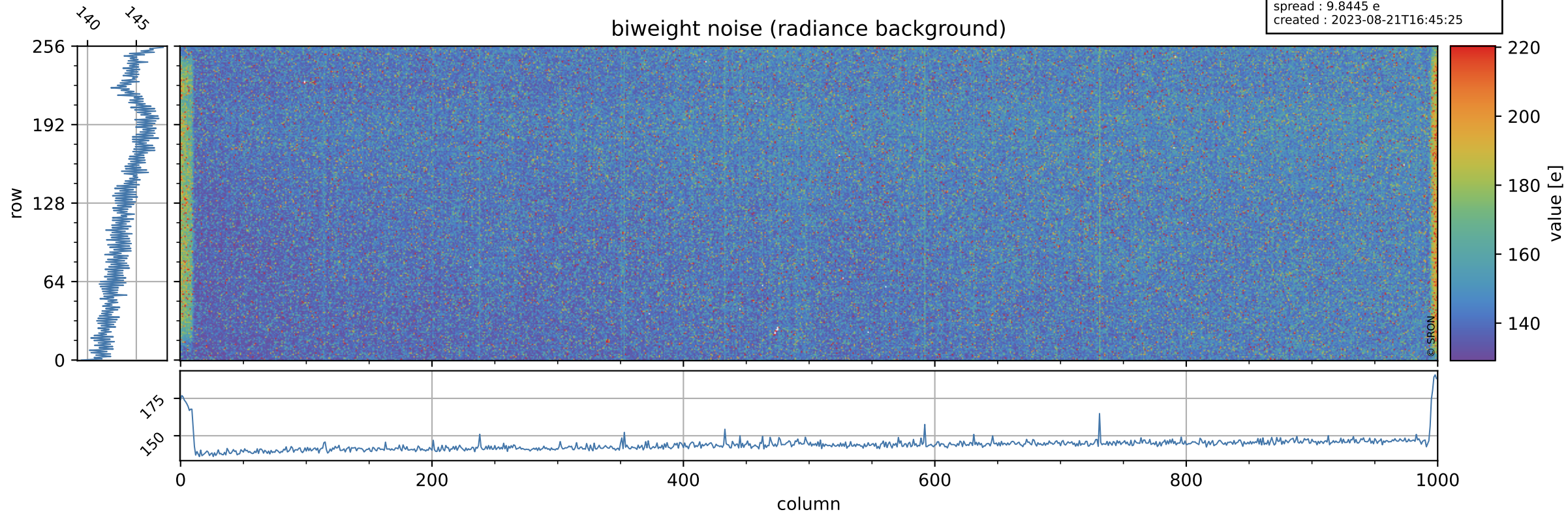
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.85 e  
spread : 9.8445 e  
created : 2023-08-21T16:45:25

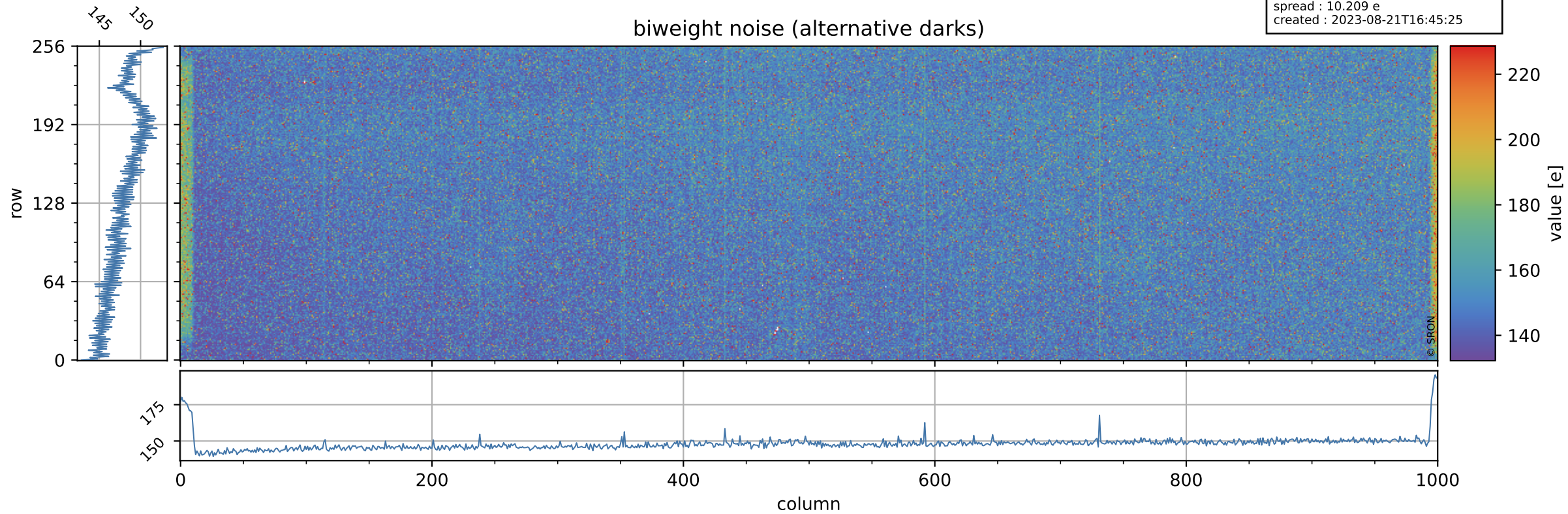
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
n\_coad, t\_exp : 1, 1.0783  
median : 147.83 e  
spread : 10.209 e  
created : 2023-08-21T16:45:25

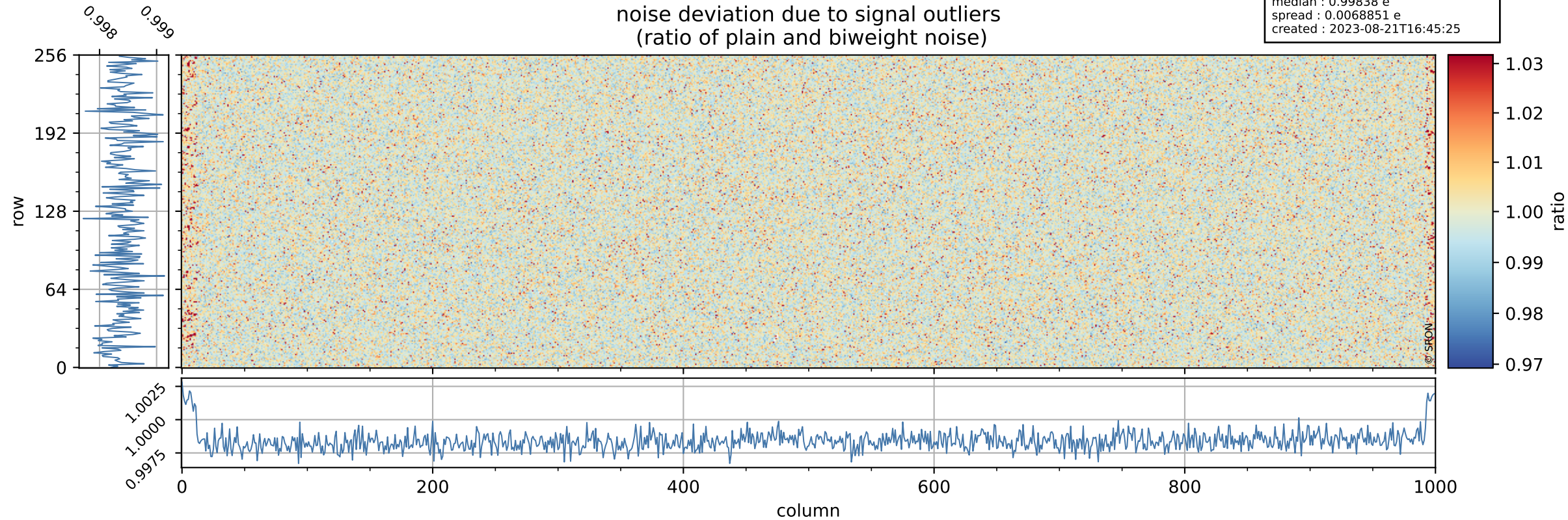
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

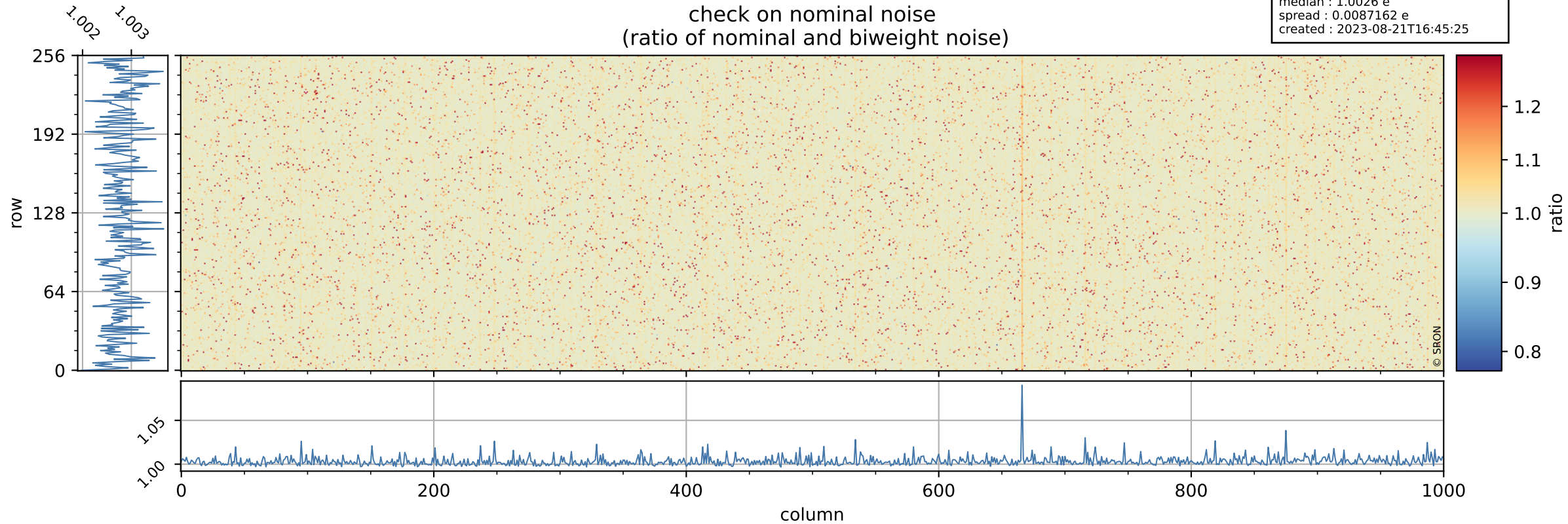
orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
median : 0.99838 e  
spread : 0.0068851 e  
created : 2023-08-21T16:45:25



# Tropomi SWIR background noise (swir)

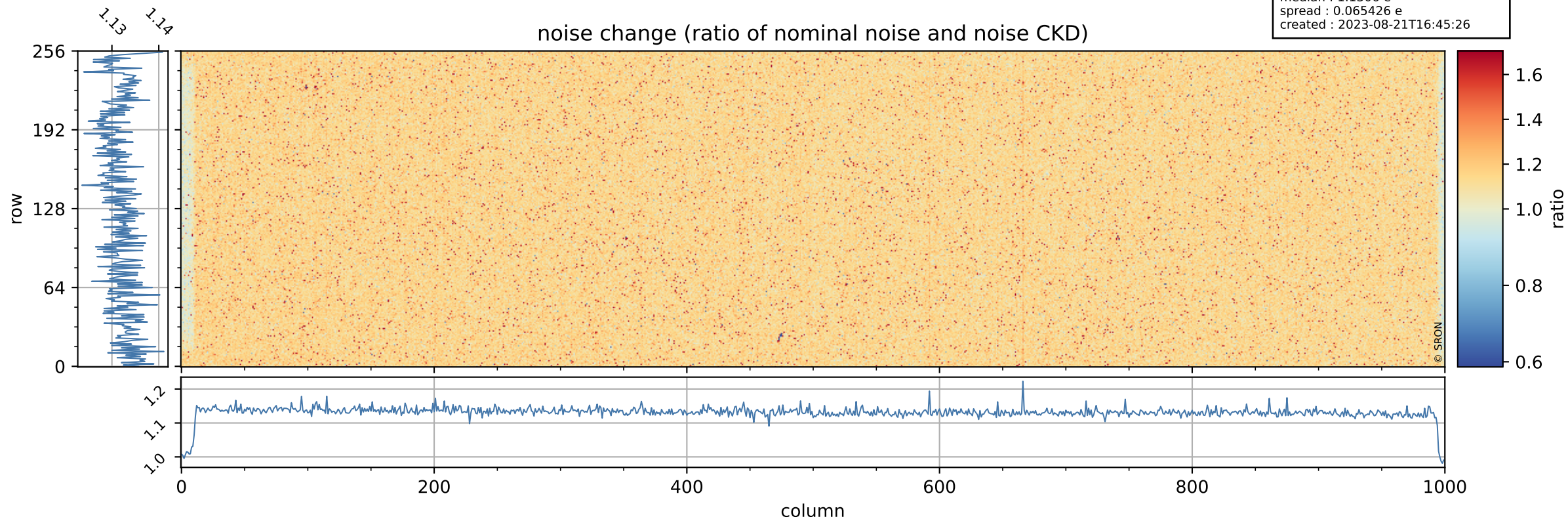
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
median : 1.0026 e  
spread : 0.0087162 e  
created : 2023-08-21T16:45:25



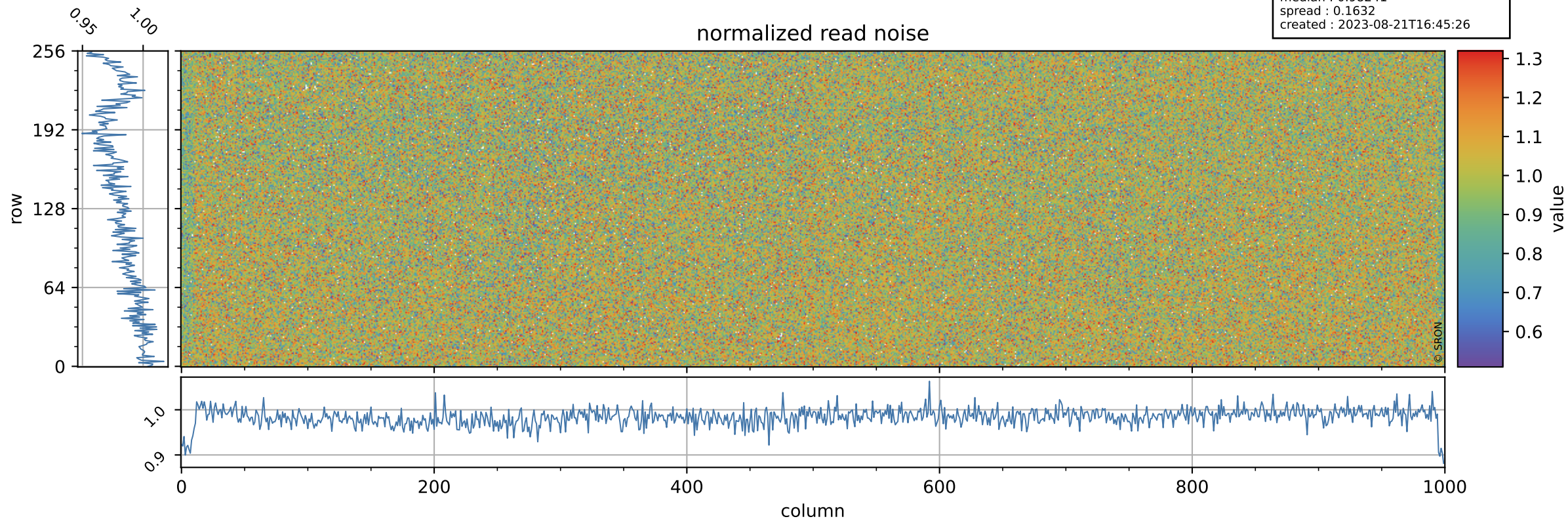
# Tropomi SWIR background noise (swir)

orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
median : 1.1306 e  
spread : 0.065426 e  
created : 2023-08-21T16:45:26



# Tropomi SWIR background noise (swir)

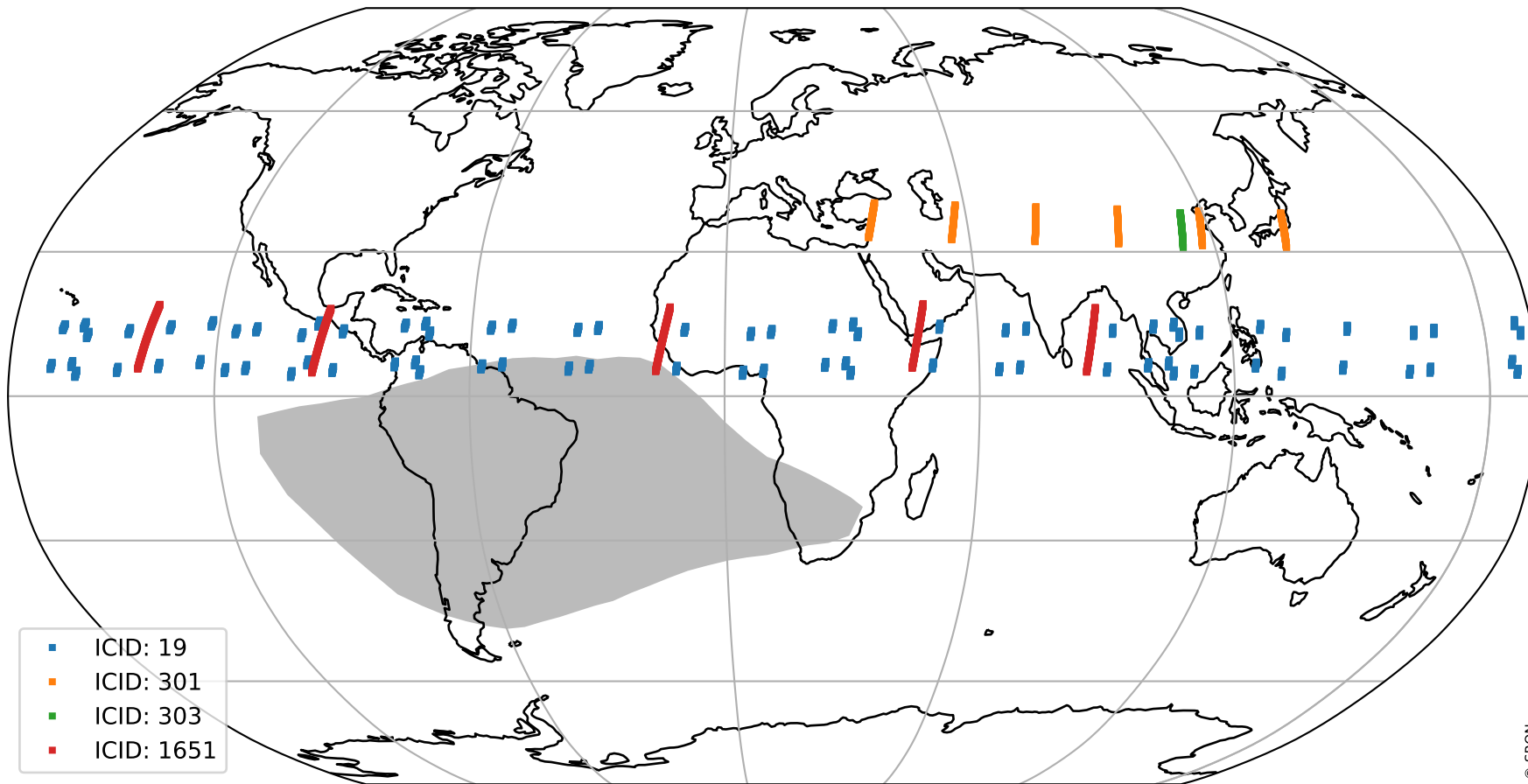
orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
median : 0.98241  
spread : 0.1632  
created : 2023-08-21T16:45:26





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

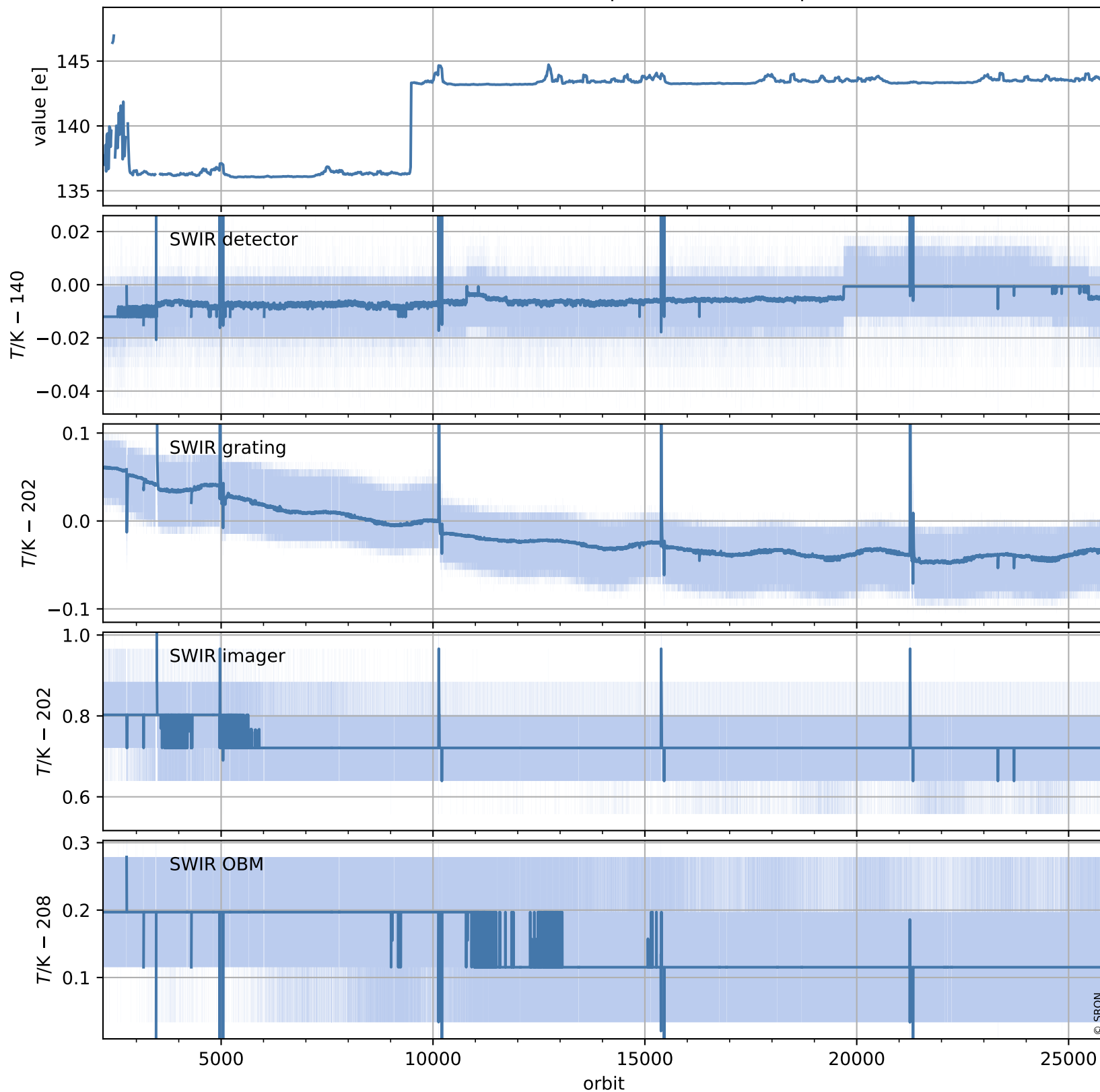
orbits : 12 in [25777, 25852]  
coverage : 2022-10-03 / 2022-10-08  
created : 2023-08-21T16:45:26



# Tropomi SWIR background noise (swir)

orbits : [2212, 25852]  
coverage : 2018-03-18 / 2022-10-08  
created : 2023-08-21T16:45:27

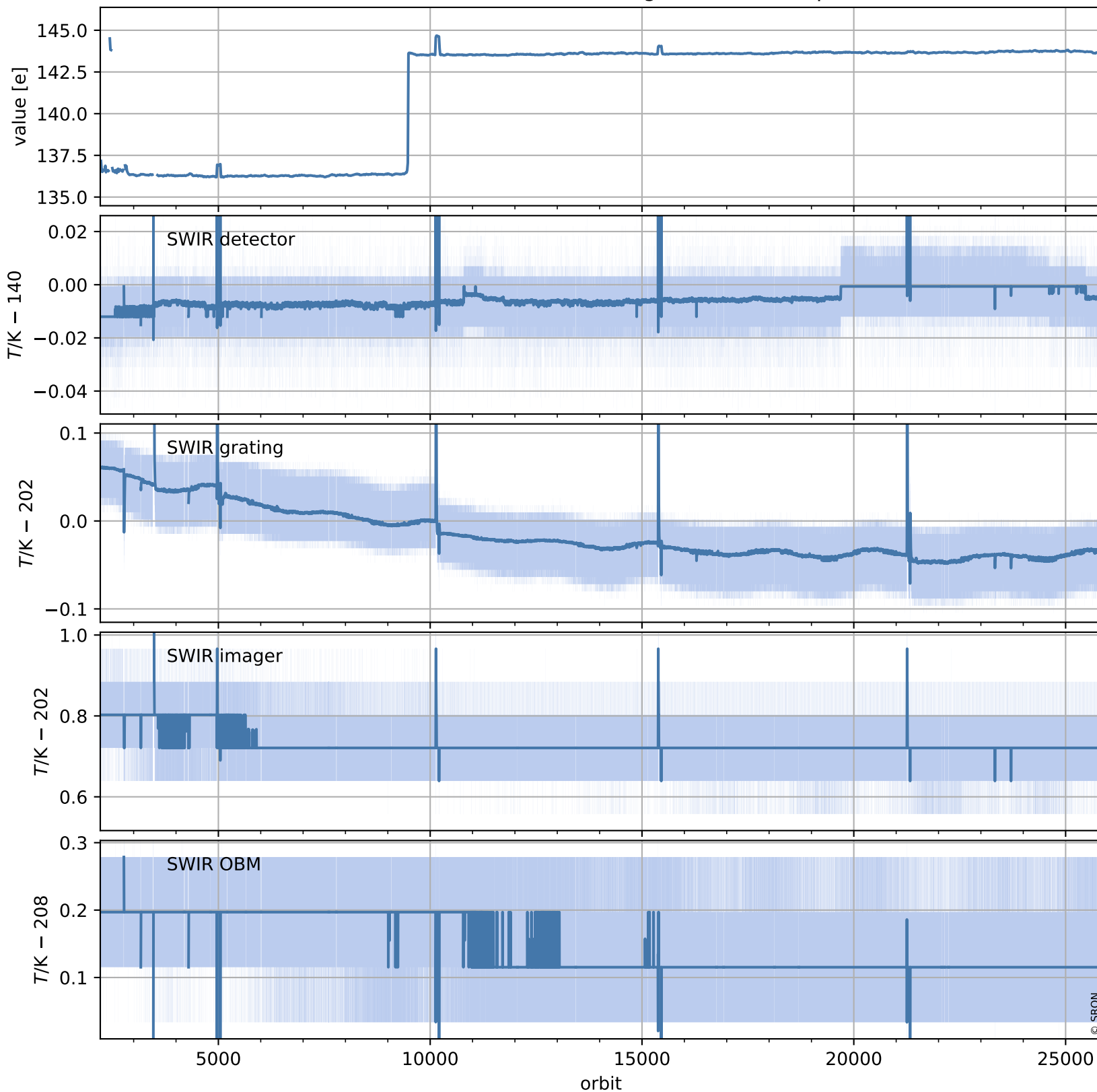
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25852]  
coverage : 2018-03-18 / 2022-10-08  
created : 2023-08-21T16:45:27

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25852]  
coverage : 2018-03-18 / 2022-10-08  
created : 2023-08-21T16:45:28

## trend of normalized read-noise & temperatures

