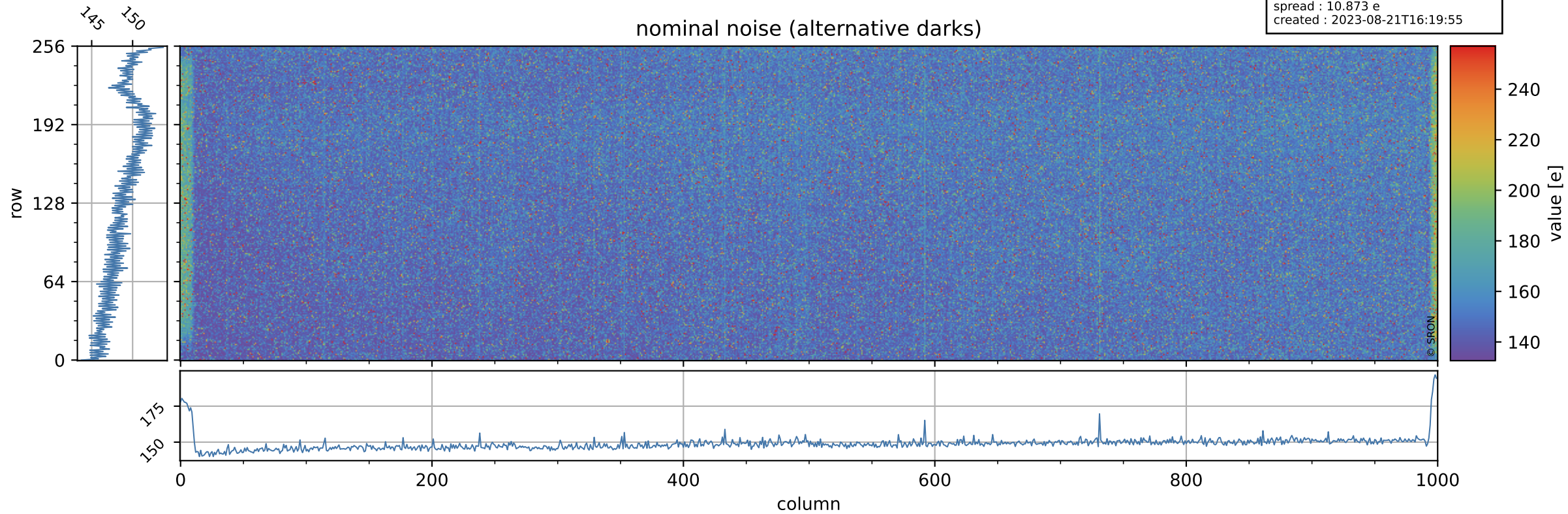


# Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
n\_coad, t\_exp : 1, 1.0783  
median : 148.72 e  
spread : 10.873 e  
created : 2023-08-21T16:19:55

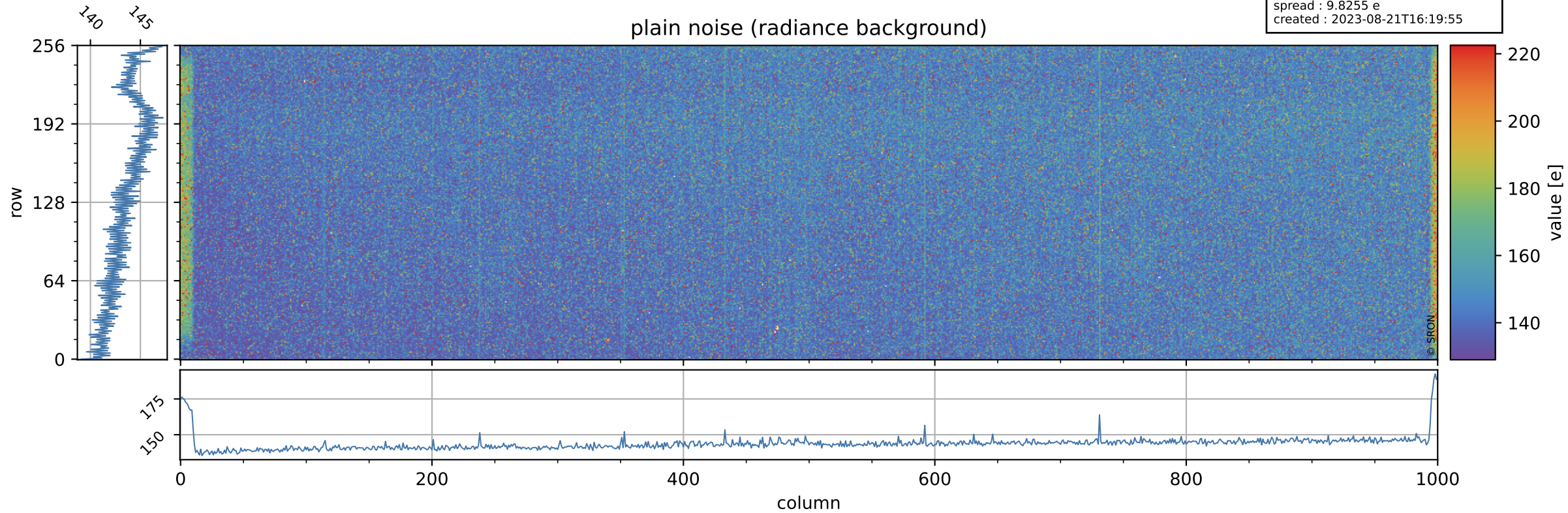
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
n\_coad, t\_exp : 1, 0.8383  
median : 143.46 e  
spread : 9.8255 e  
created : 2023-08-21T16:19:55

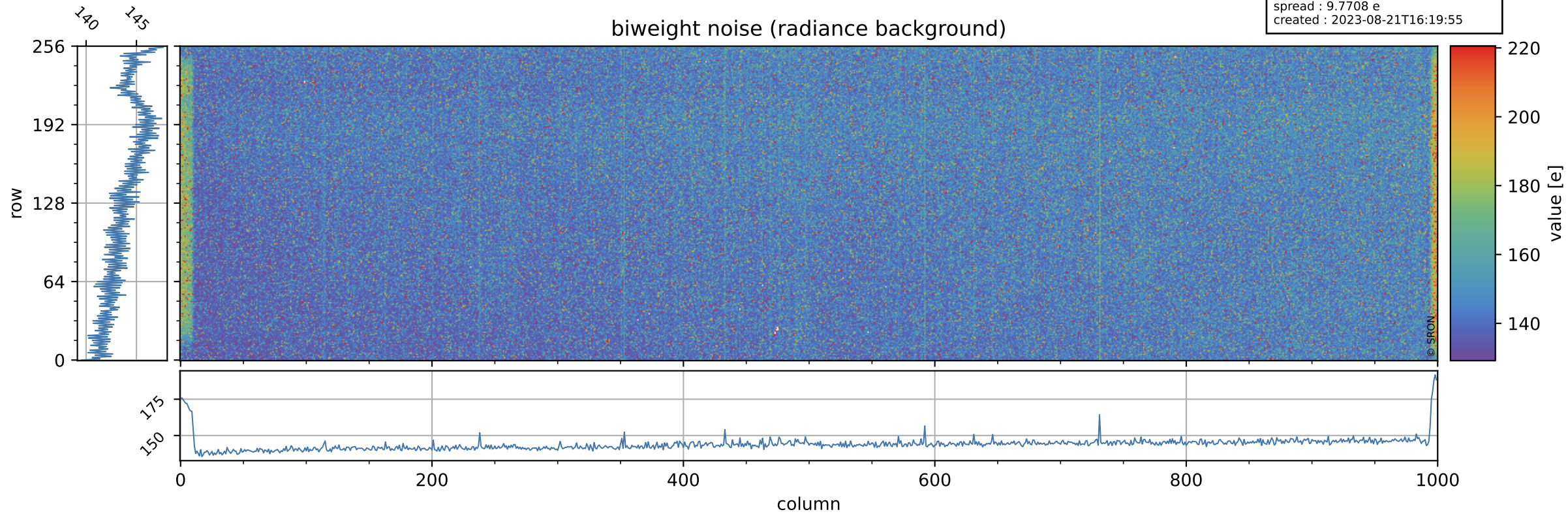
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
n\_coad, t\_exp : 1, 0.8383  
median : 143.77 e  
spread : 9.7708 e  
created : 2023-08-21T16:19:55

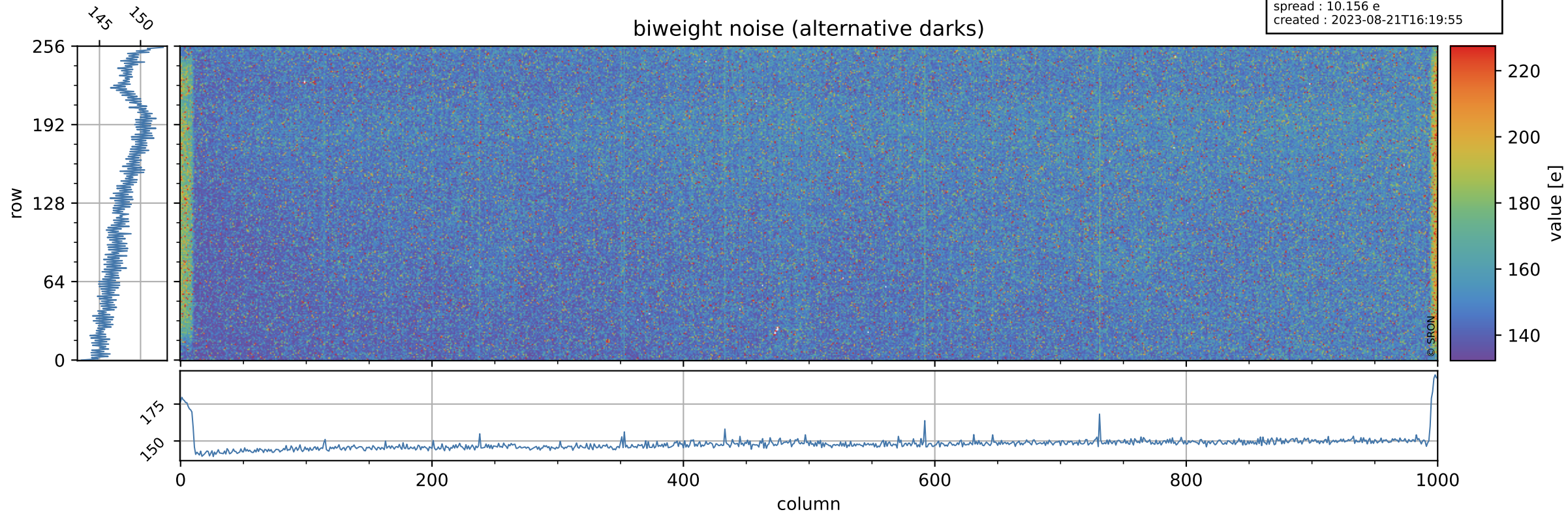
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.156 e  
created : 2023-08-21T16:19:55

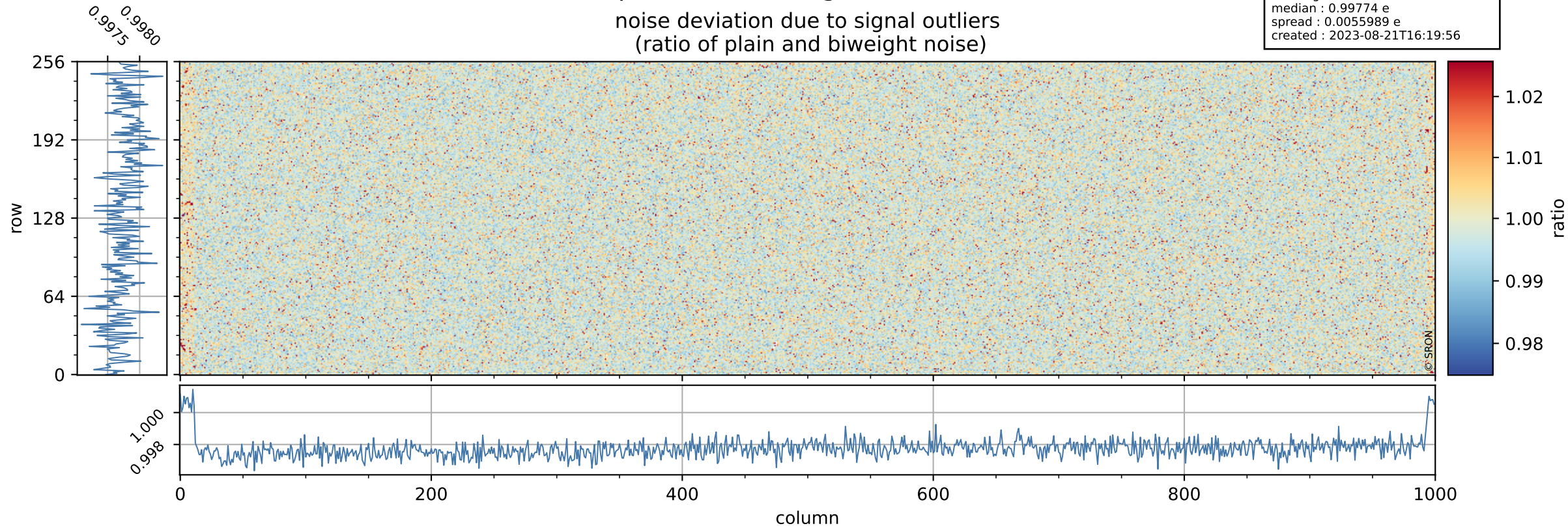
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

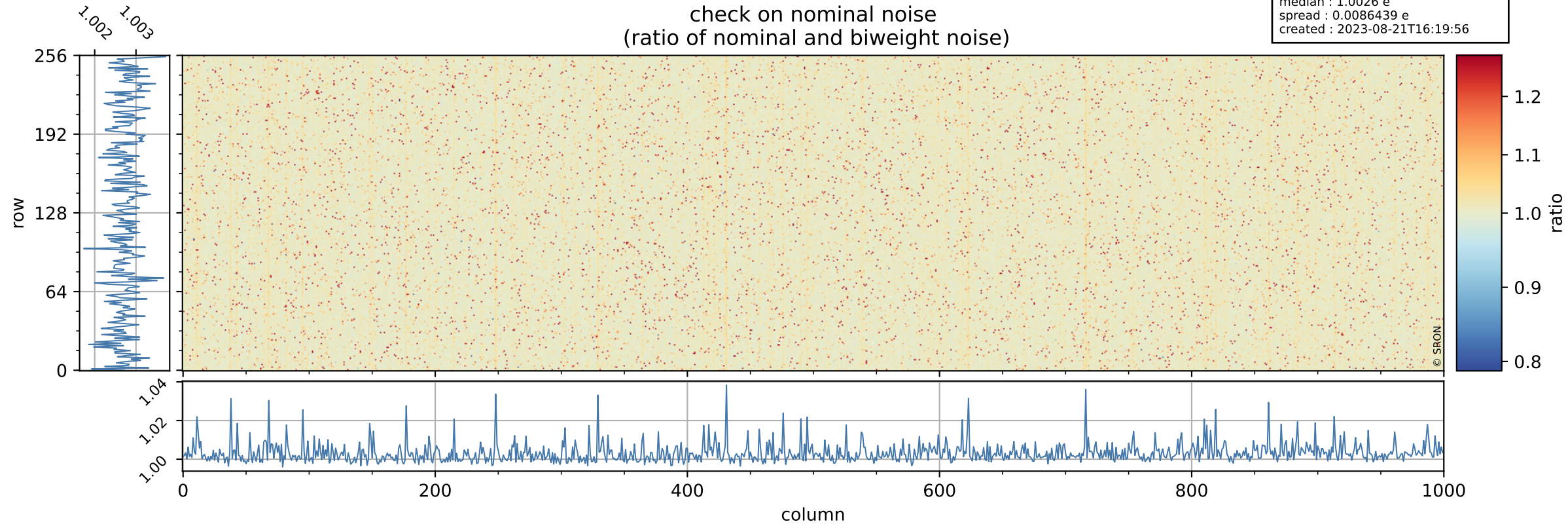
orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
median : 0.99774 e  
spread : 0.0055989 e  
created : 2023-08-21T16:19:56



# Tropomi SWIR background noise (swir)

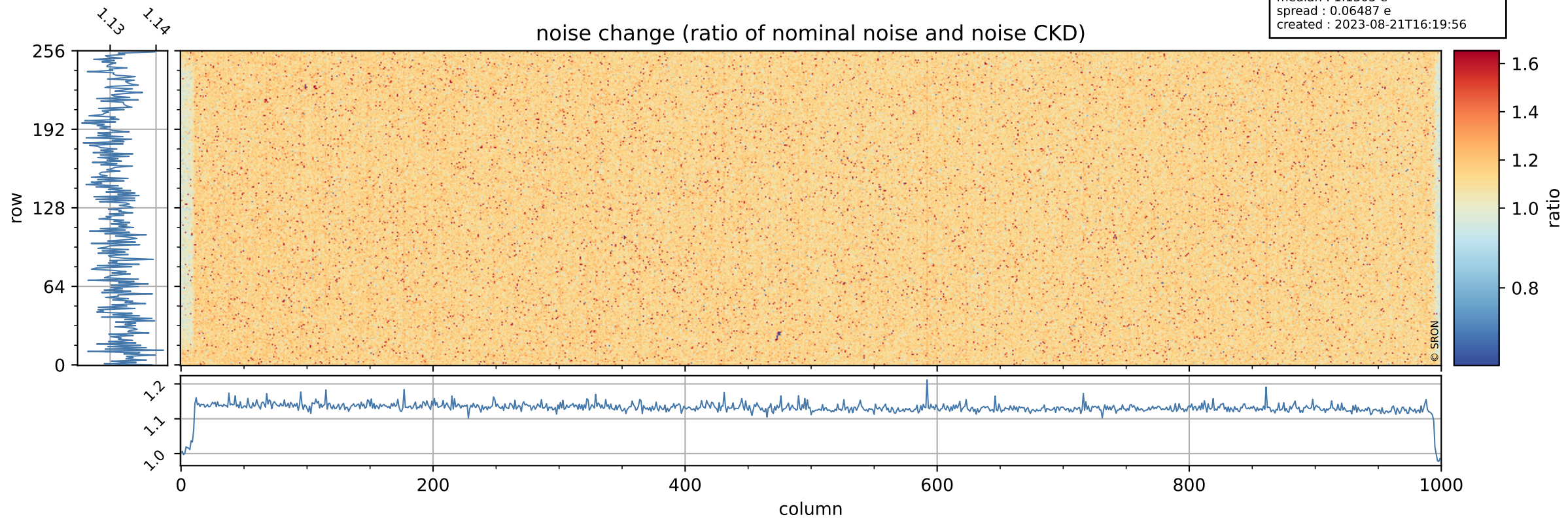
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
median : 1.0026 e  
spread : 0.0086439 e  
created : 2023-08-21T16:19:56



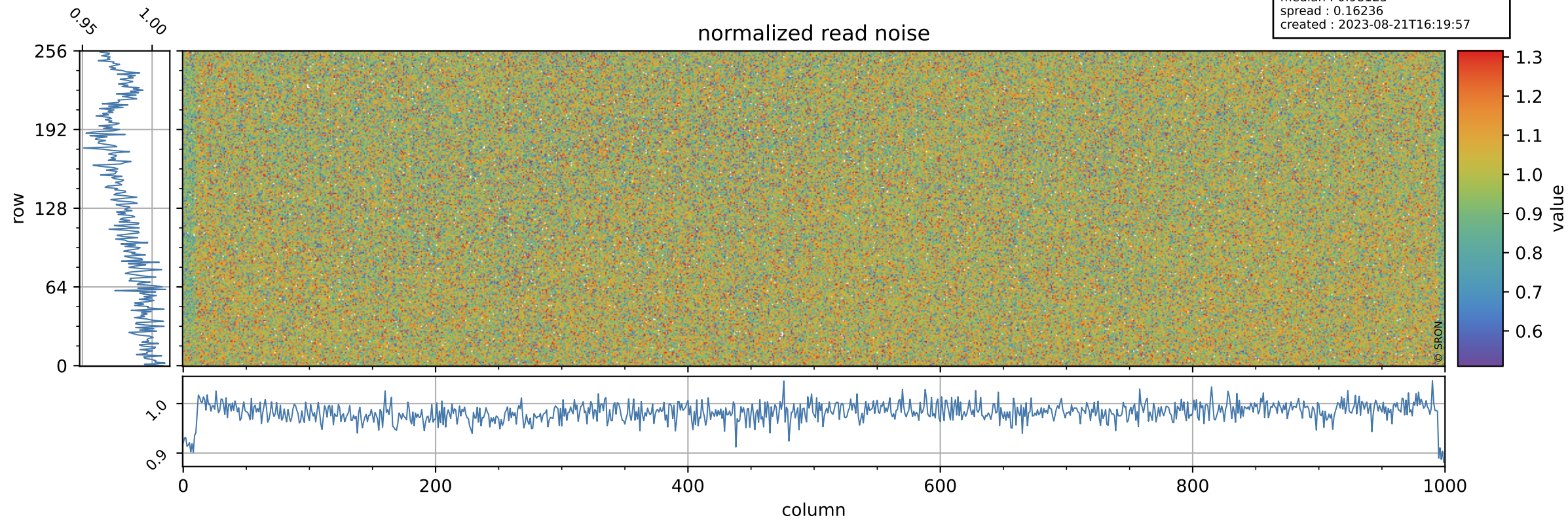
# Tropomi SWIR background noise (swir)

orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
median : 1.1305 e  
spread : 0.06487 e  
created : 2023-08-21T16:19:56



# Tropomi SWIR background noise (swir)

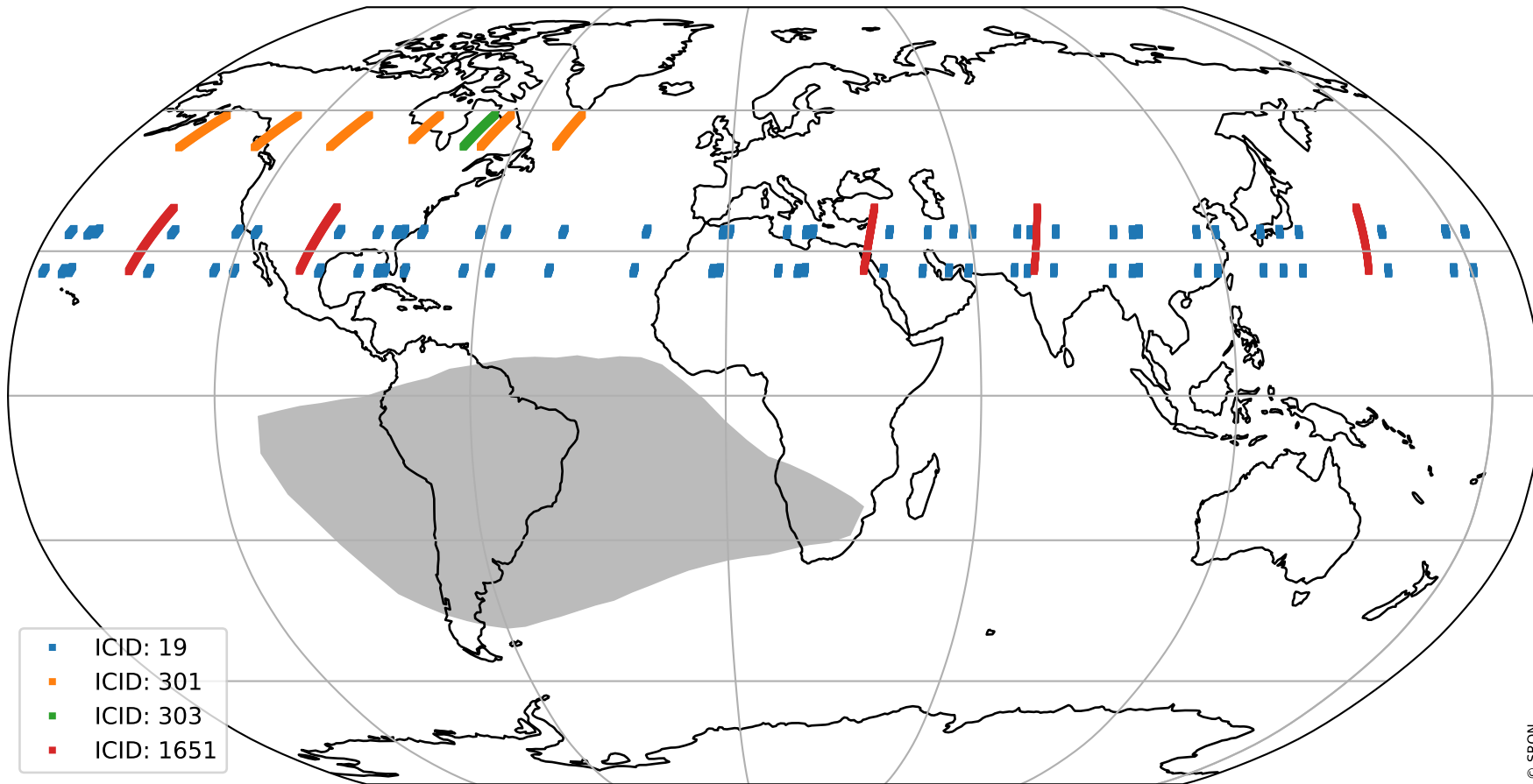
orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
median : 0.98125  
spread : 0.16236  
created : 2023-08-21T16:19:57





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

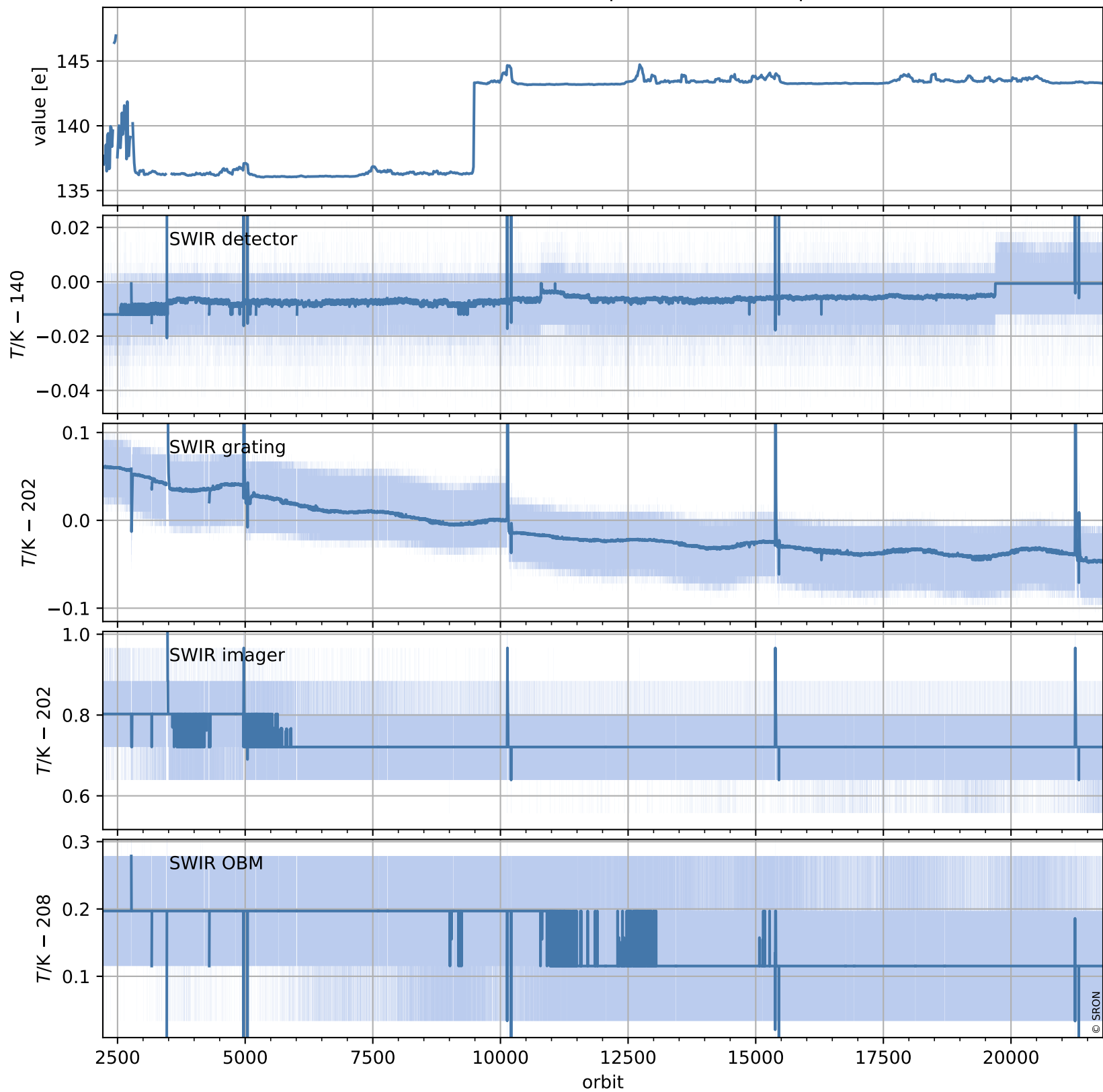
orbits : 12 in [21727, 21802]  
coverage : 2021-12-22 / 2021-12-27  
created : 2023-08-21T16:19:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 21802]  
coverage : 2018-03-18 / 2021-12-27  
created : 2023-08-21T16:19:57

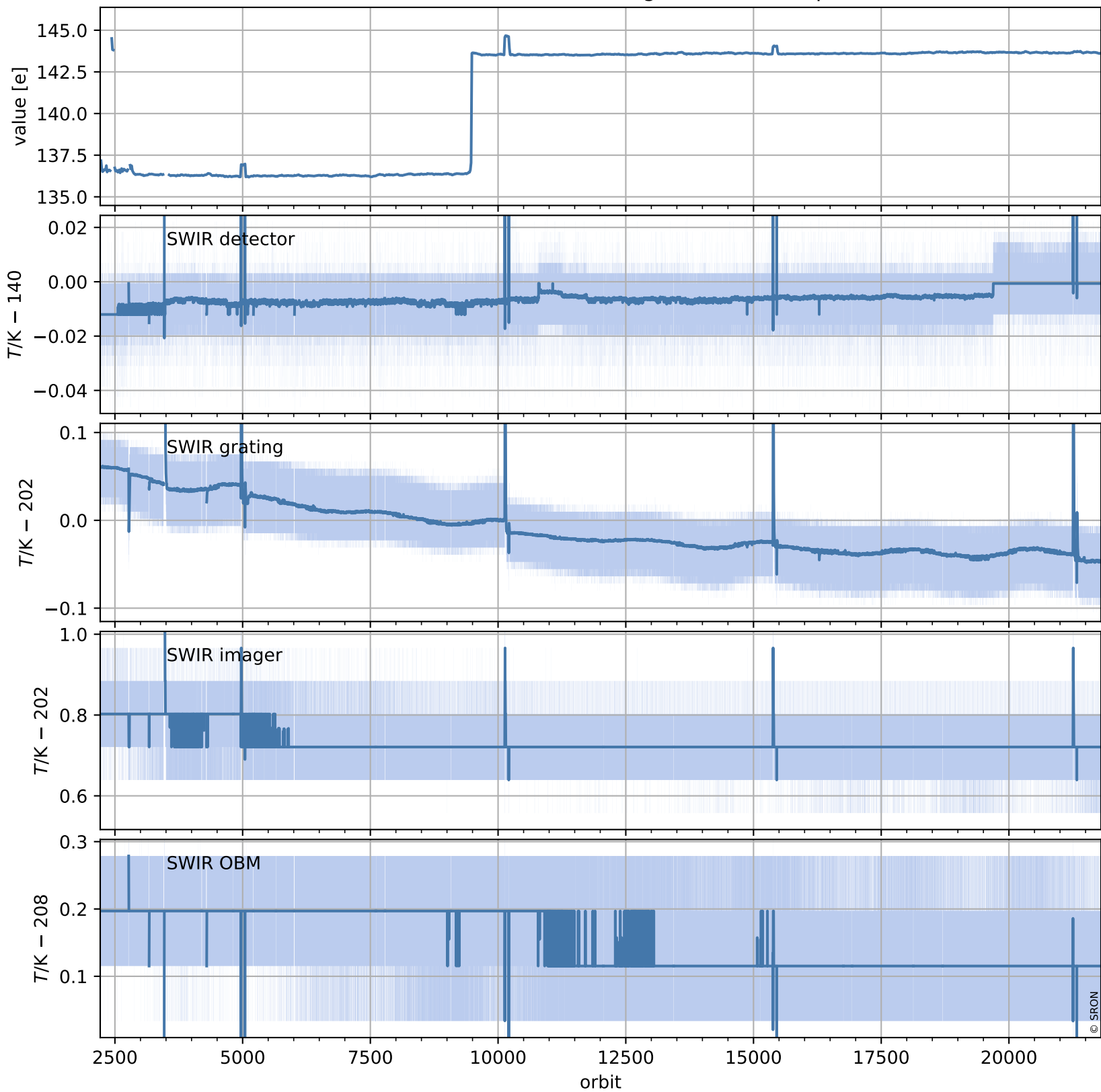
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21802]  
coverage : 2018-03-18 / 2021-12-27  
created : 2023-08-21T16:19:58

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21802]  
coverage : 2018-03-18 / 2021-12-27  
created : 2023-08-21T16:19:59

## trend of normalized read-noise & temperatures

