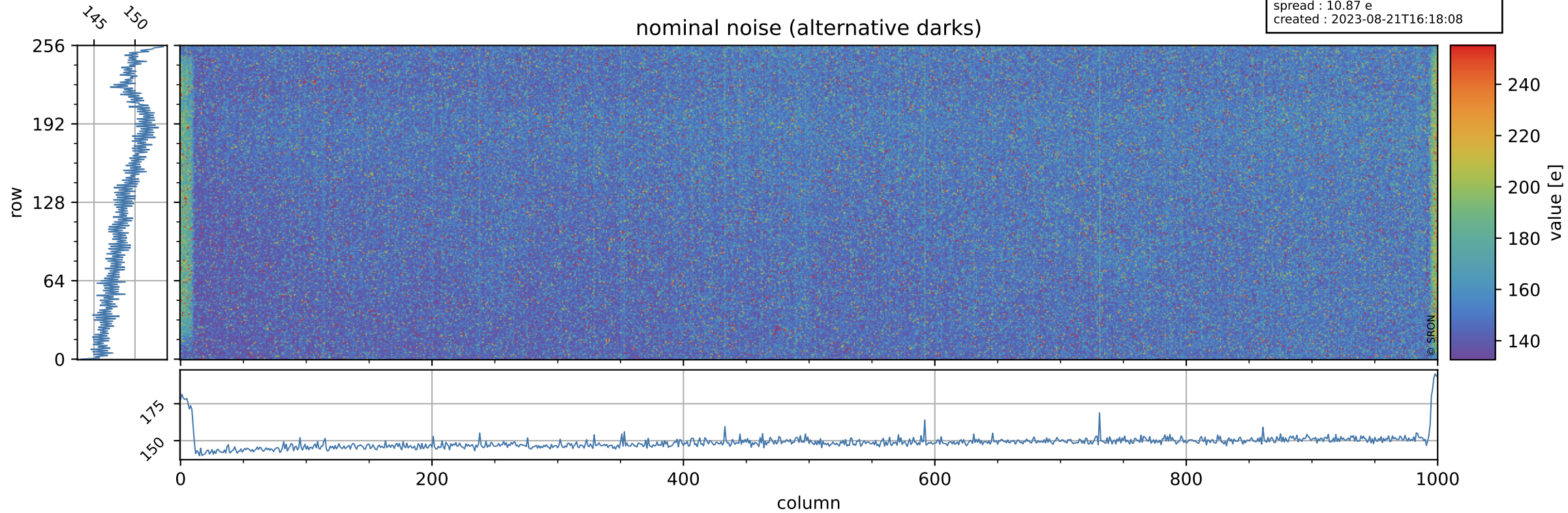


# Tropomi SWIR background noise (swir)

orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
n\_coad, t\_exp : 1, 1.0783  
median : 148.68 e  
spread : 10.87 e  
created : 2023-08-21T16:18:08

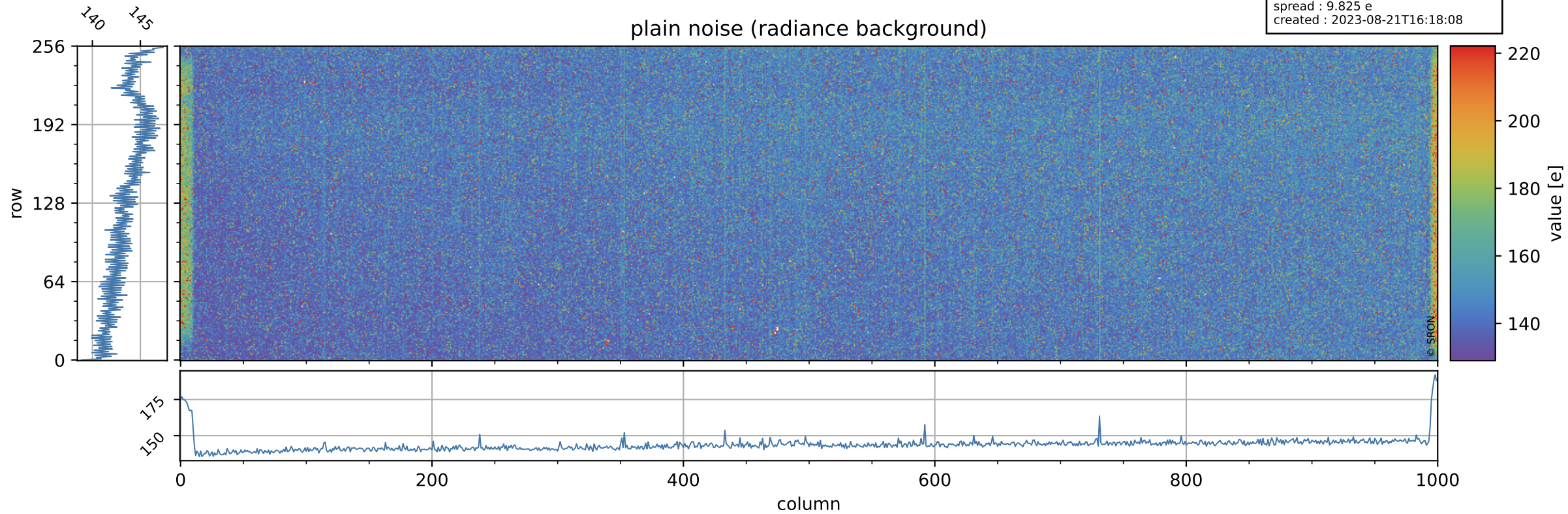
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
n\_coad, t\_exp : 1, 0.8383  
median : 143.47 e  
spread : 9.825 e  
created : 2023-08-21T16:18:08

plain noise (radiance background)

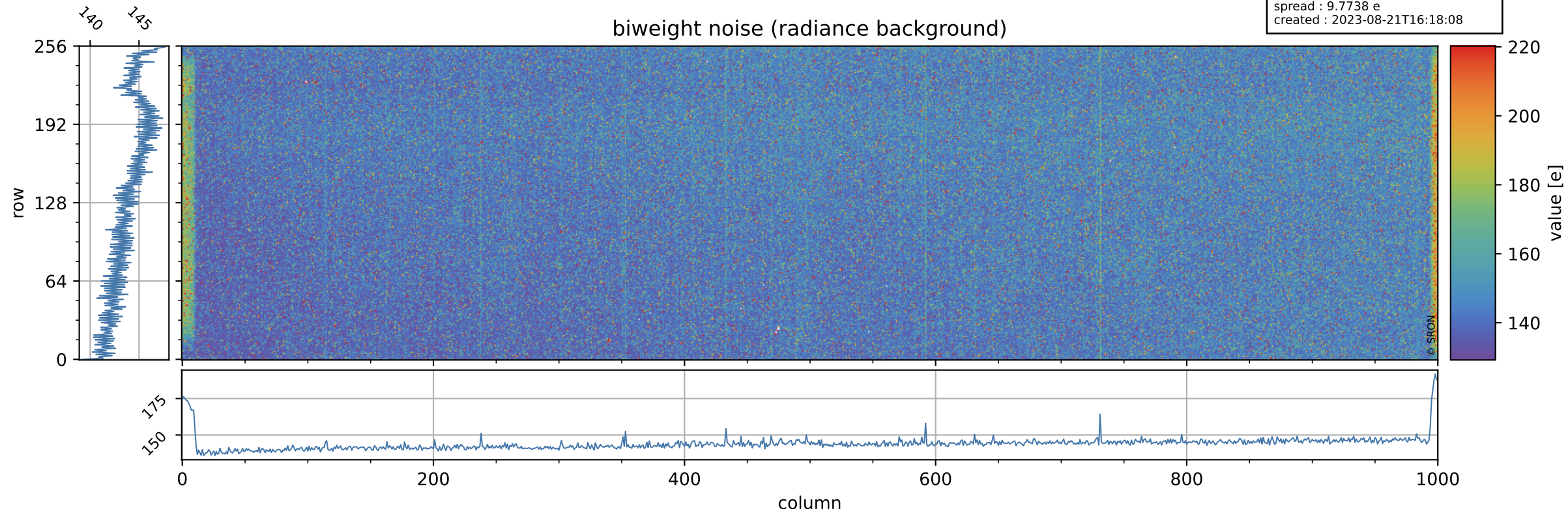




# Tropomi SWIR background noise (swir)

orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
n\_coad, t\_exp : 1, 0.8383  
median : 143.82 e  
spread : 9.7738 e  
created : 2023-08-21T16:18:08

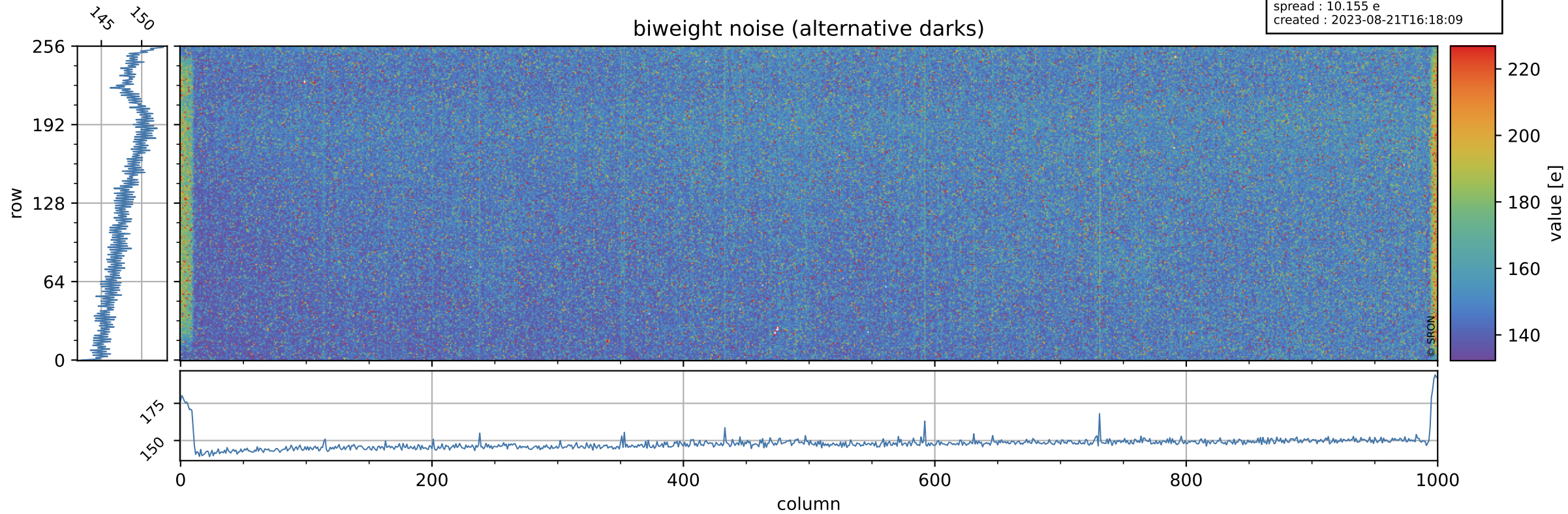
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
n\_coad, t\_exp : 1, 1.0783  
median : 147.78 e  
spread : 10.155 e  
created : 2023-08-21T16:18:09

## biweight noise (alternative darks)

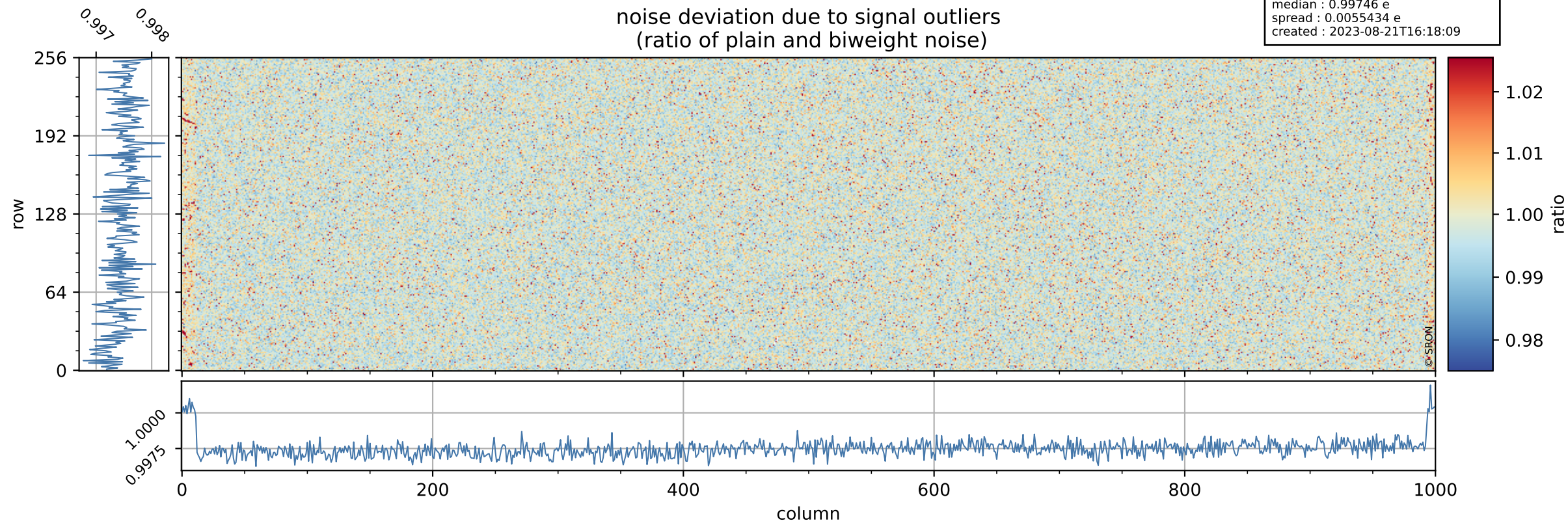




# Tropomi SWIR background noise (swir)

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

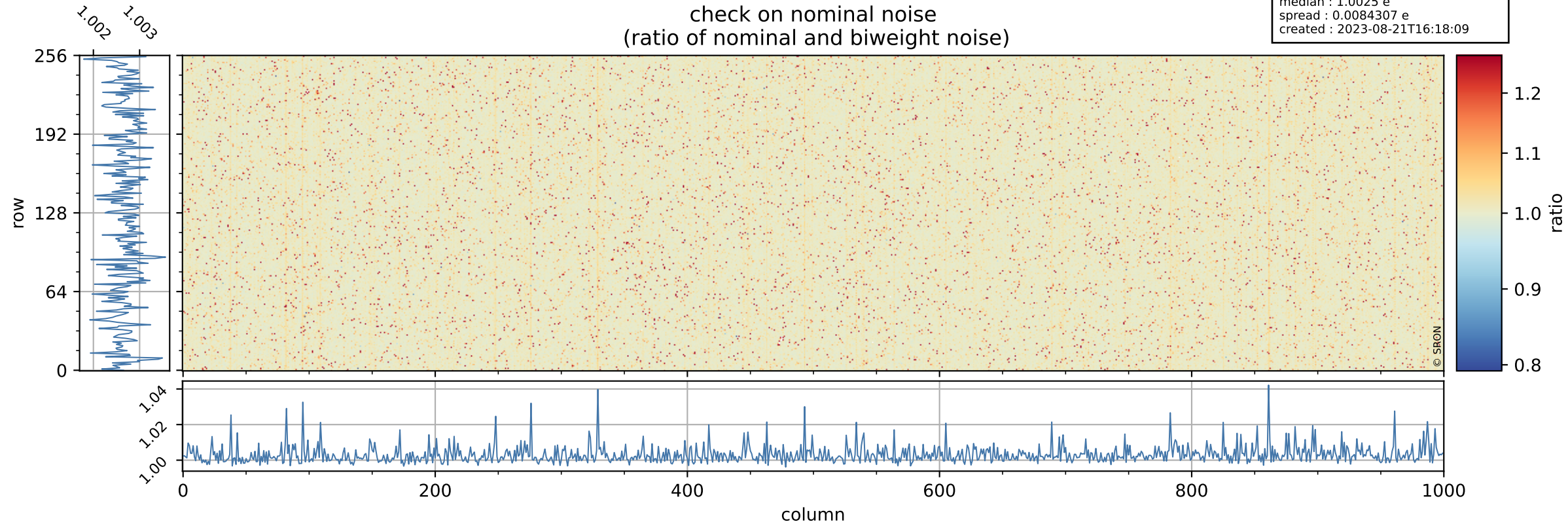
orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
median : 0.99746 e  
spread : 0.0055434 e  
created : 2023-08-21T16:18:09



# Tropomi SWIR background noise (swir)

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

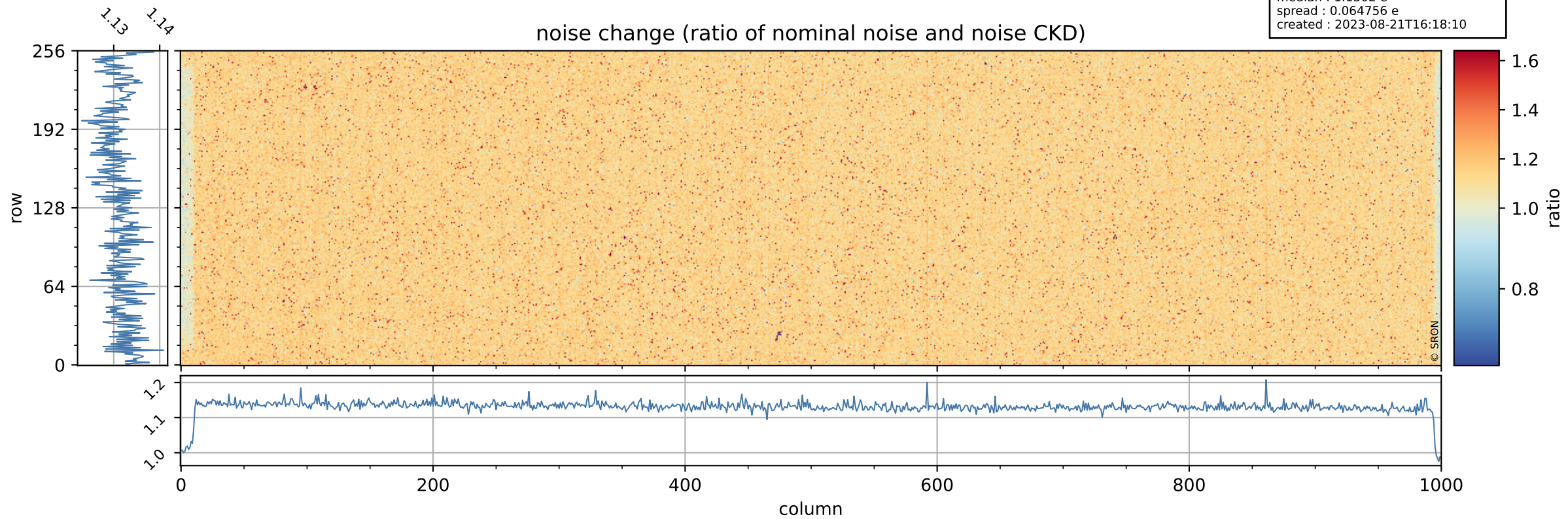
orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
median : 1.0025 e  
spread : 0.0084307 e  
created : 2023-08-21T16:18:09





# Tropomi SWIR background noise (swir)

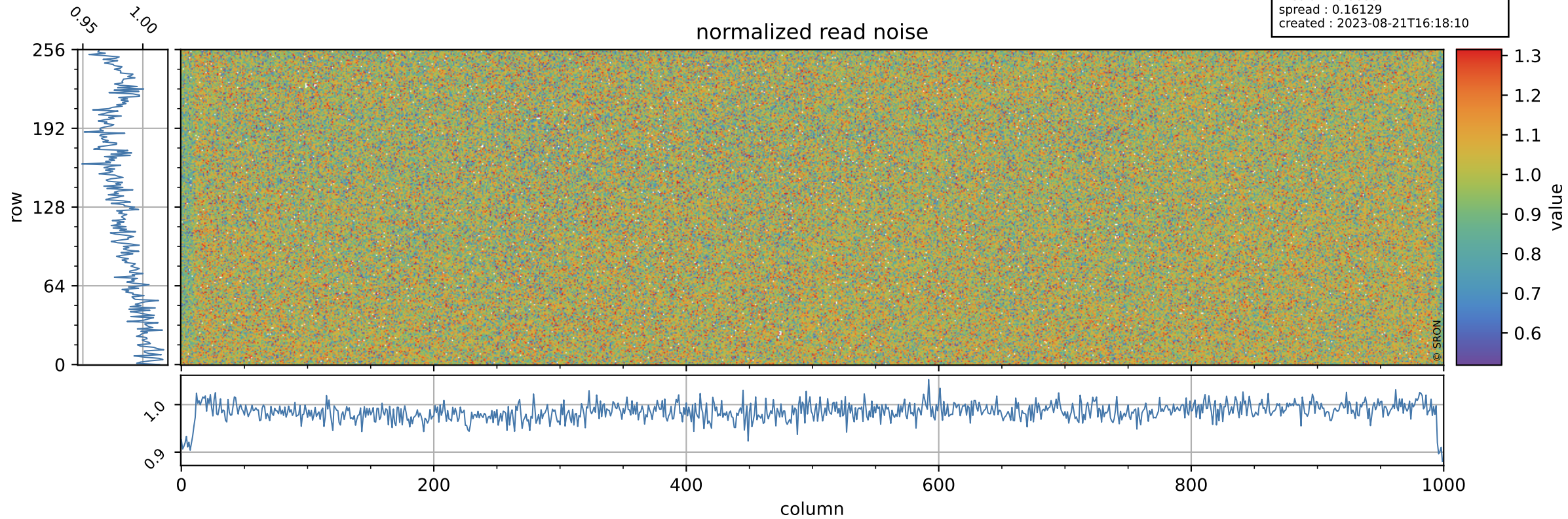
orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
median : 1.1302 e  
spread : 0.064756 e  
created : 2023-08-21T16:18:10





# Tropomi SWIR background noise (swir)

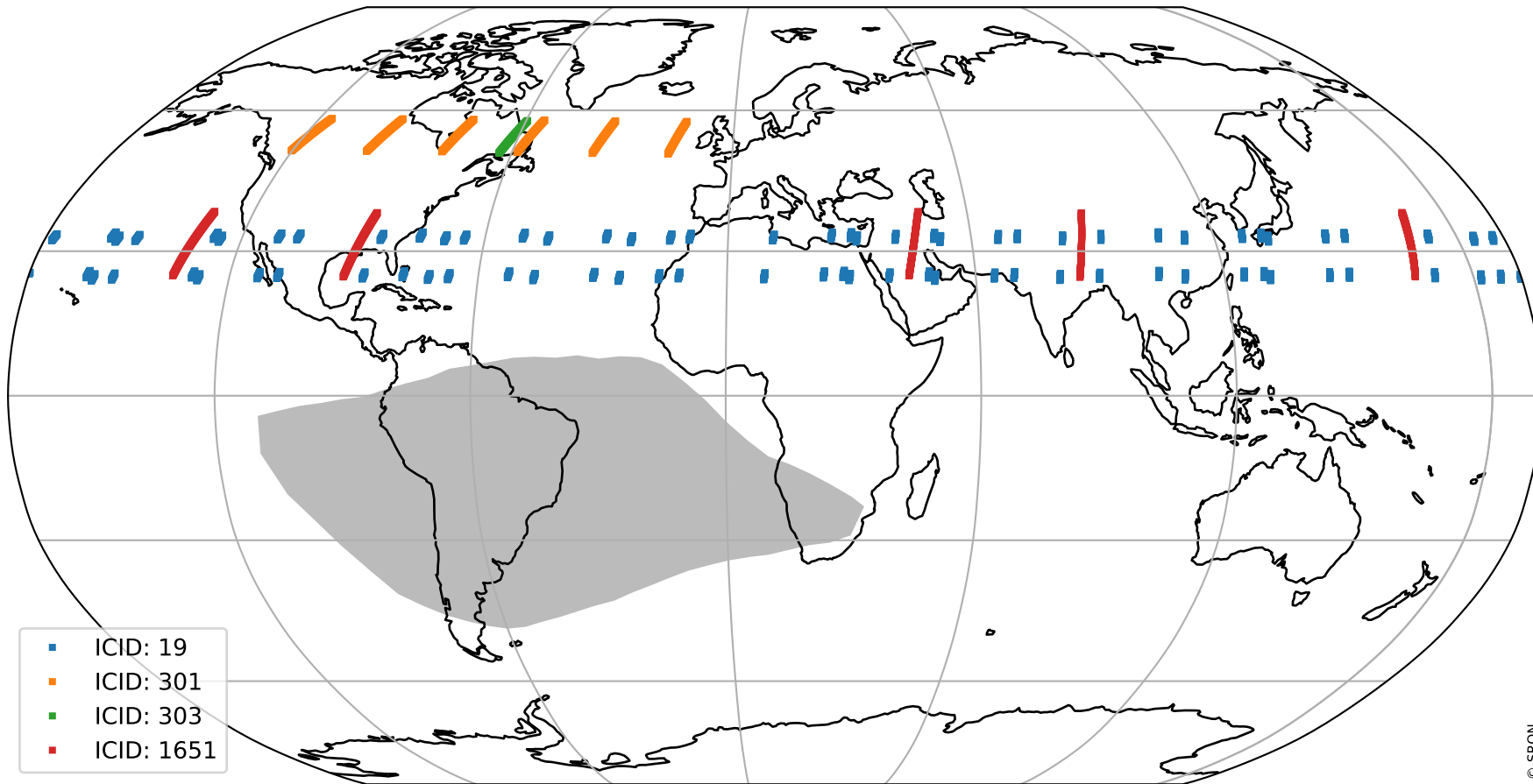
orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
median : 0.98357  
spread : 0.16129  
created : 2023-08-21T16:18:10





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

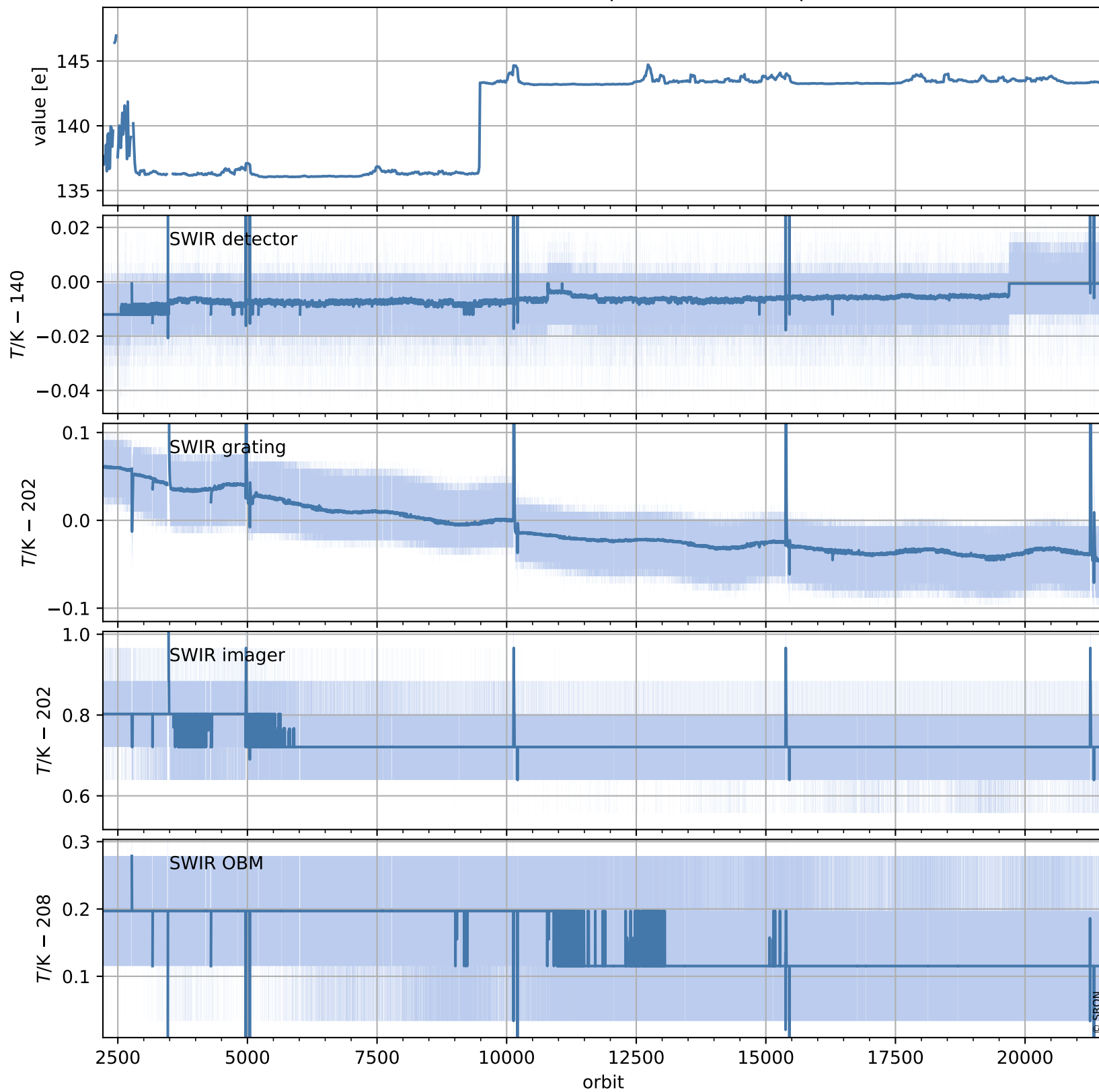
orbits : 12 in [21442, 21517]  
coverage : 2021-12-02 / 2021-12-07  
created : 2023-08-21T16:18:10



# Tropomi SWIR background noise (swir)

orbits : [2212, 21517]  
coverage : 2018-03-18 / 2021-12-07  
created : 2023-08-21T16:18:11

## trend of detector median of plain noise & temperatures

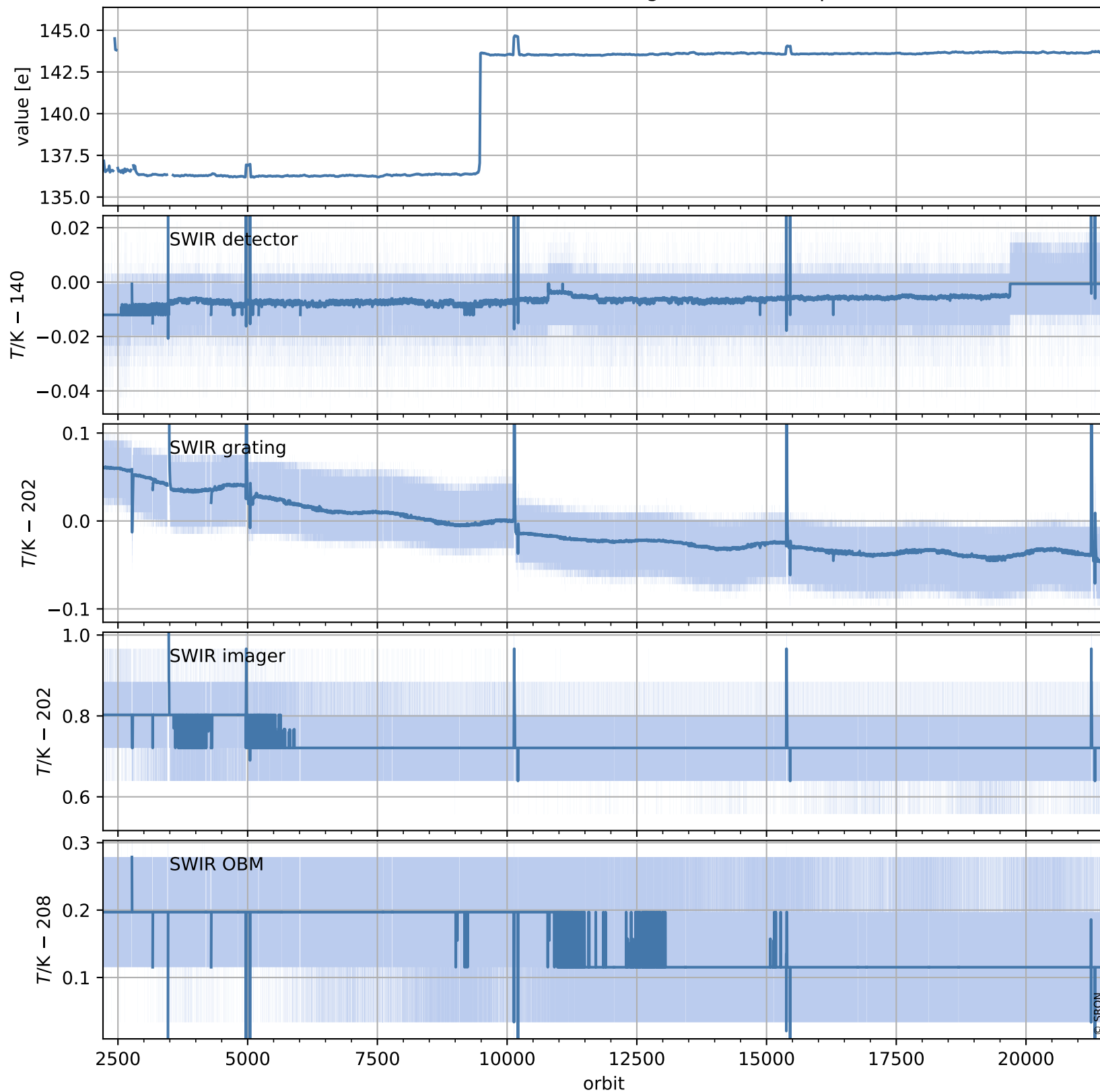




# Tropomi SWIR background noise (swir)

orbits : [2212, 21517]  
coverage : 2018-03-18 / 2021-12-07  
created : 2023-08-21T16:18:12

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21517]  
coverage : 2018-03-18 / 2021-12-07  
created : 2023-08-21T16:18:13

## trend of normalized read-noise & temperatures

