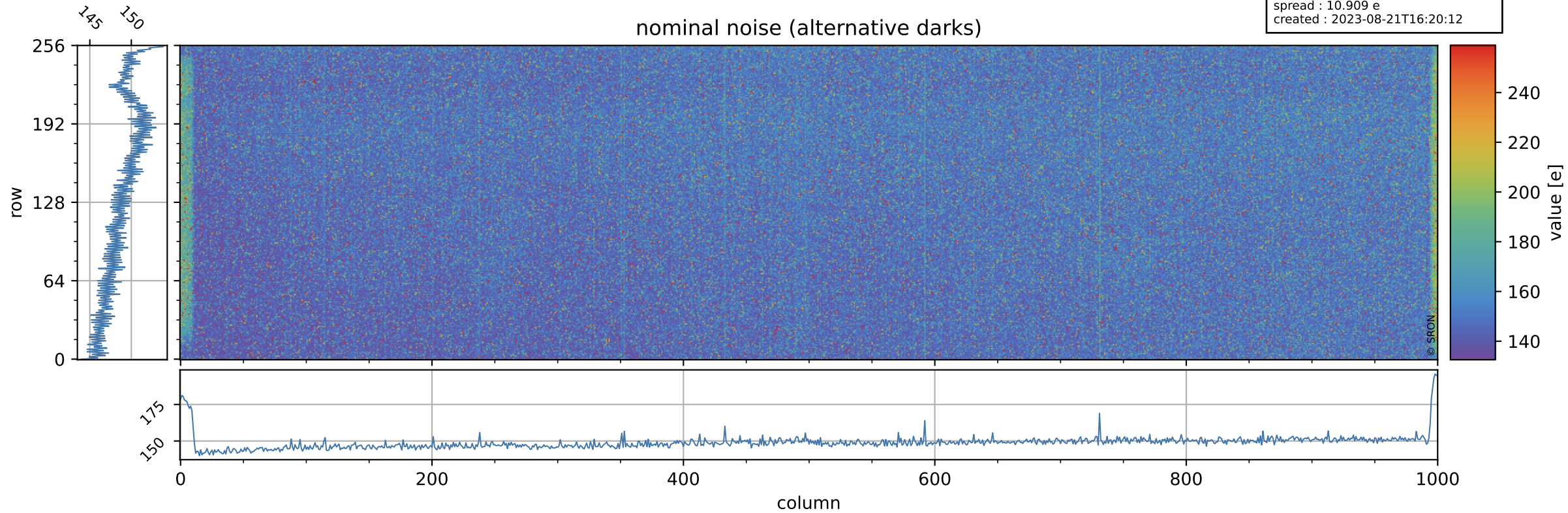


# Tropomi SWIR background noise (swir)

orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
n\_coad, t\_exp : 1, 1.0783  
median : 148.74 e  
spread : 10.909 e  
created : 2023-08-21T16:20:12

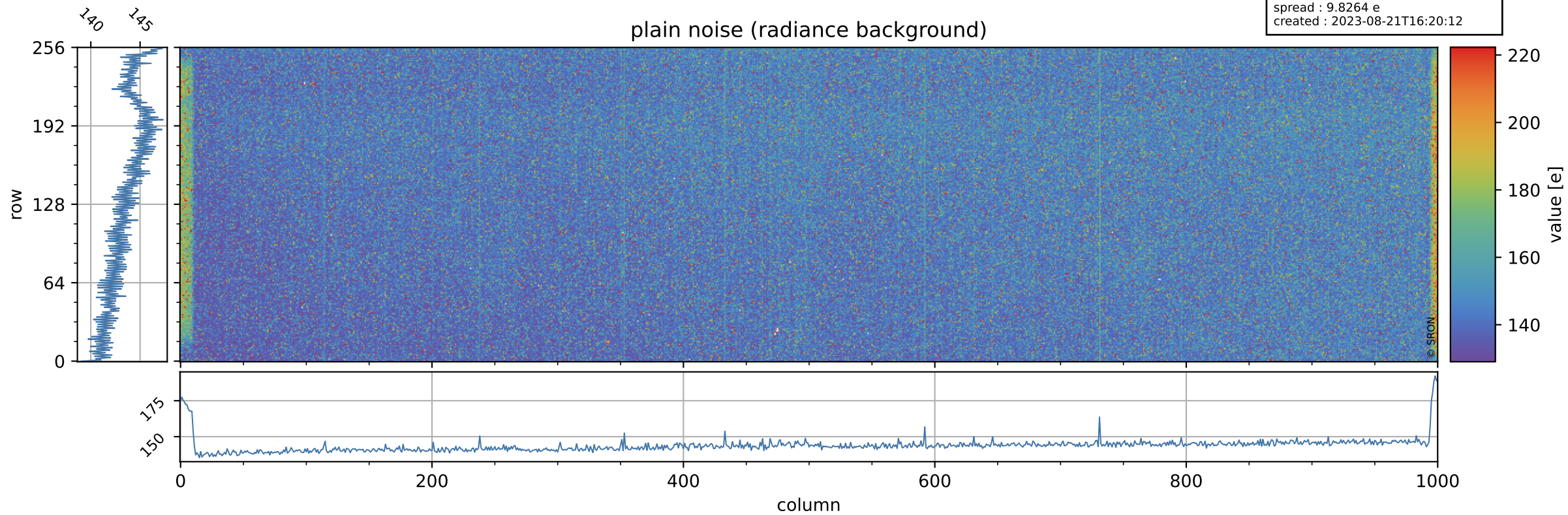
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.49 e  
spread : 9.8264 e  
created : 2023-08-21T16:20:12

plain noise (radiance background)

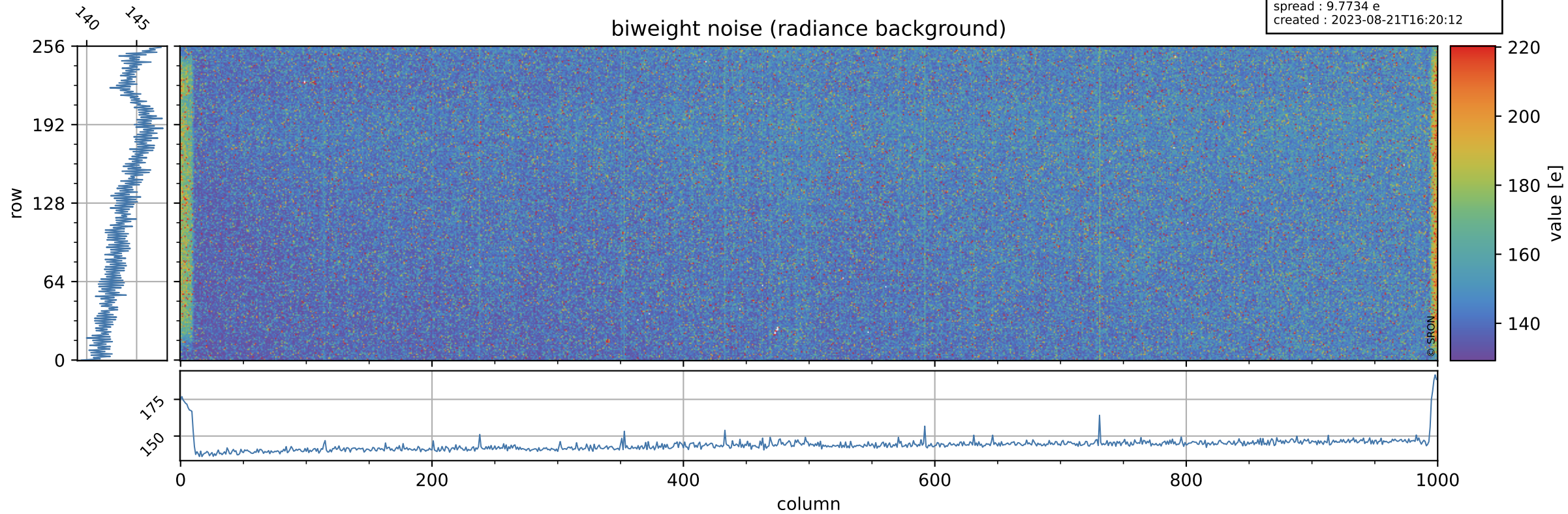




# Tropomi SWIR background noise (swir)

orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
n\_coad, t\_exp : 1, 0.8383  
median : 143.79 e  
spread : 9.7734 e  
created : 2023-08-21T16:20:12

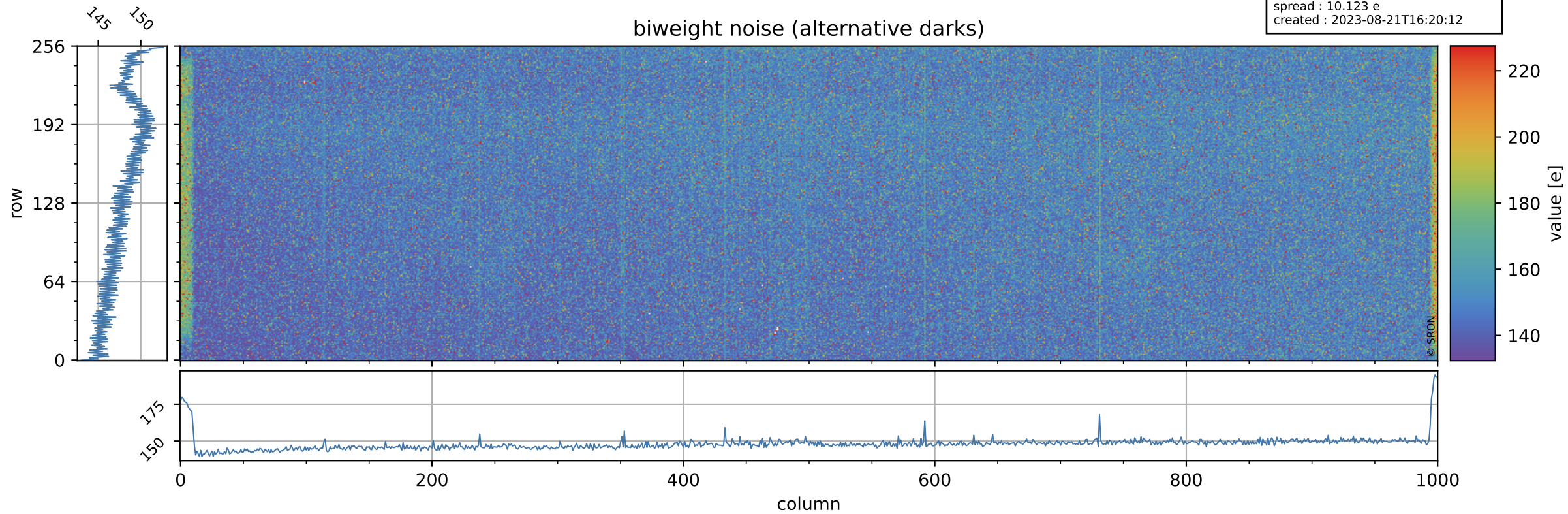
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.123 e  
created : 2023-08-21T16:20:12

## biweight noise (alternative darks)

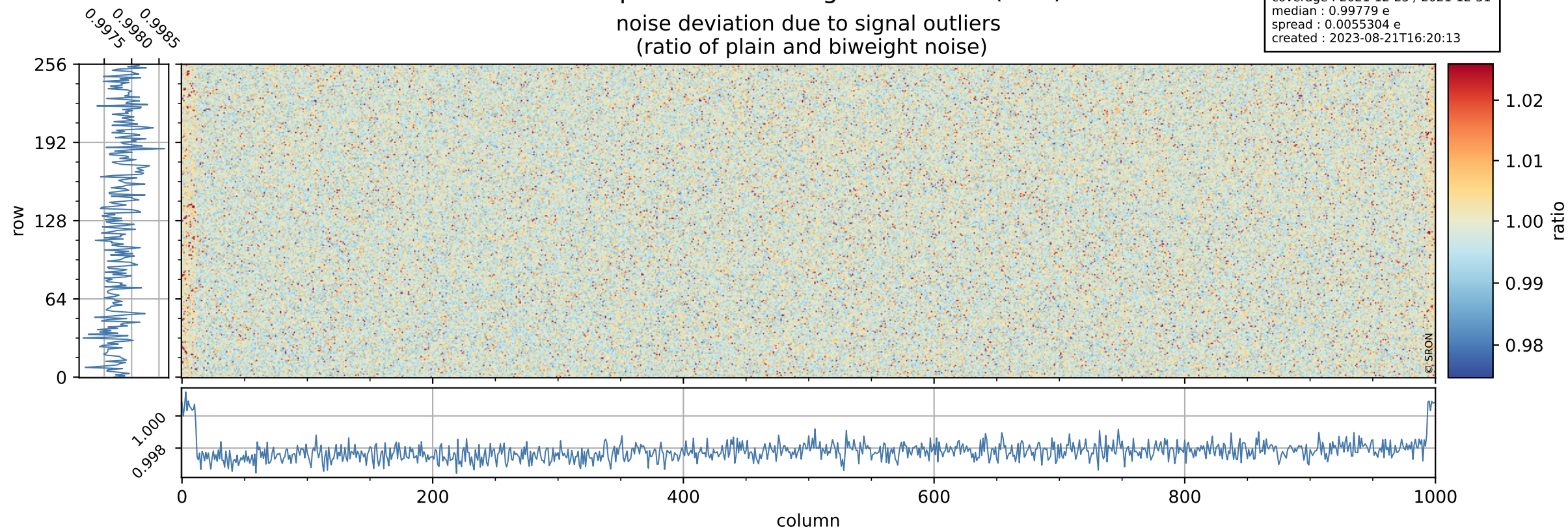




# Tropomi SWIR background noise (swir)

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

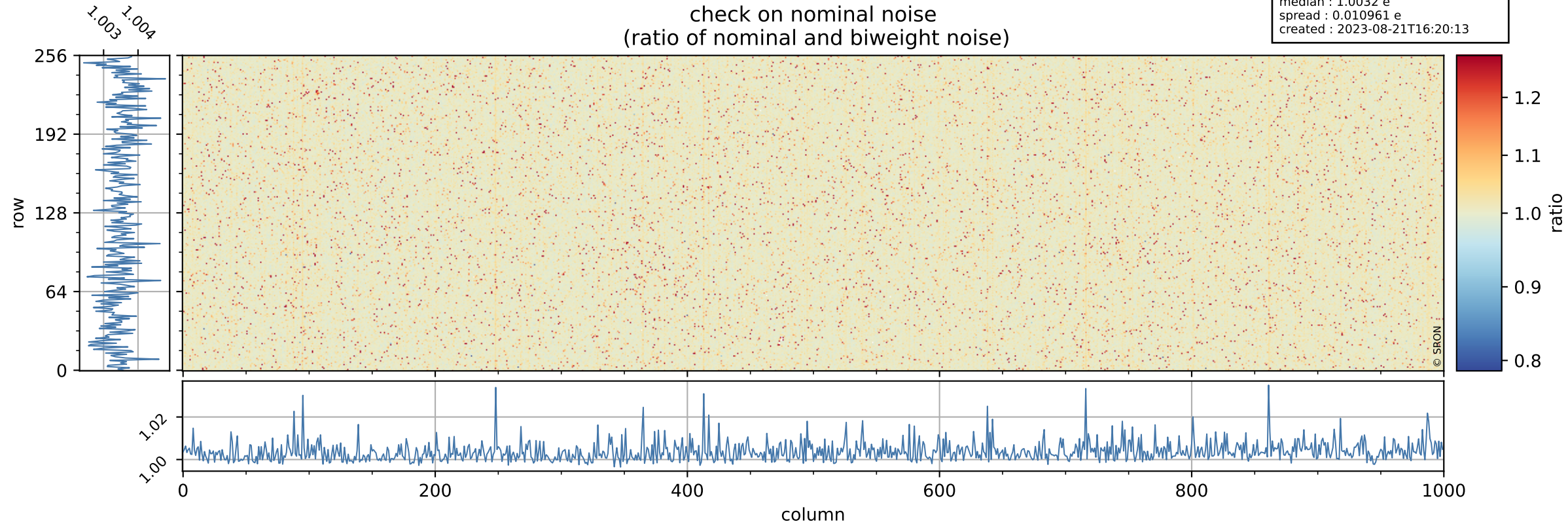
orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
median : 0.99779 e  
spread : 0.0055304 e  
created : 2023-08-21T16:20:13



# Tropomi SWIR background noise (swir)

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

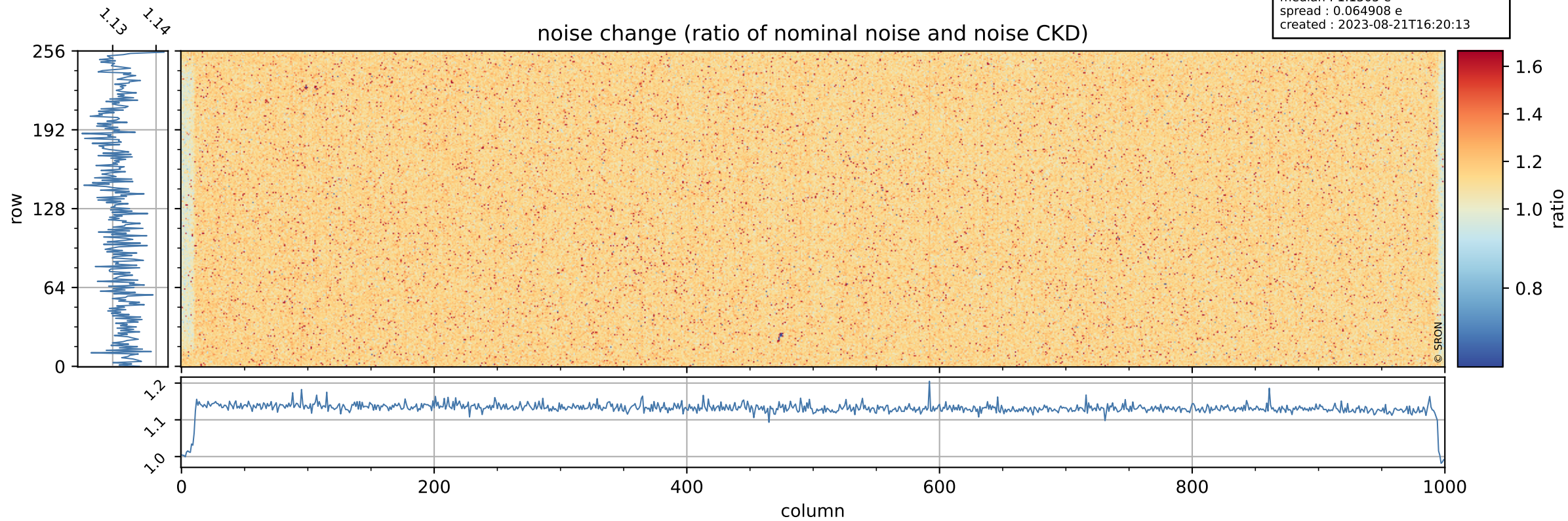
orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
median : 1.0032 e  
spread : 0.010961 e  
created : 2023-08-21T16:20:13





# Tropomi SWIR background noise (swir)

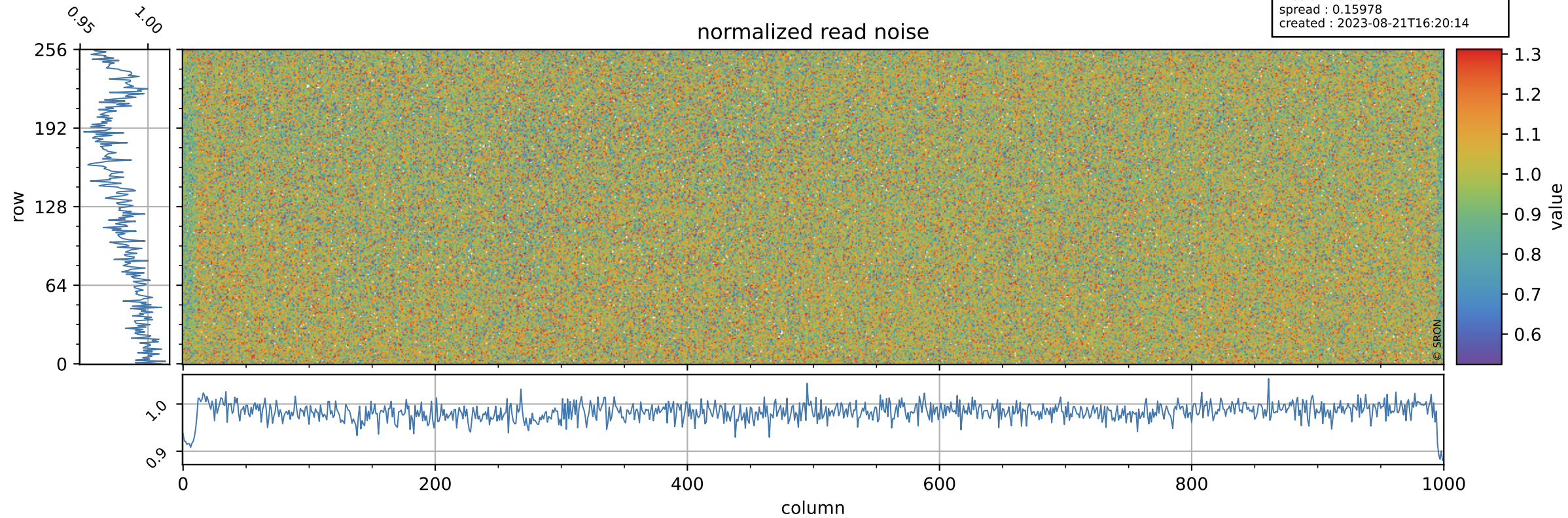
orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
median : 1.1305 e  
spread : 0.064908 e  
created : 2023-08-21T16:20:13





# Tropomi SWIR background noise (swir)

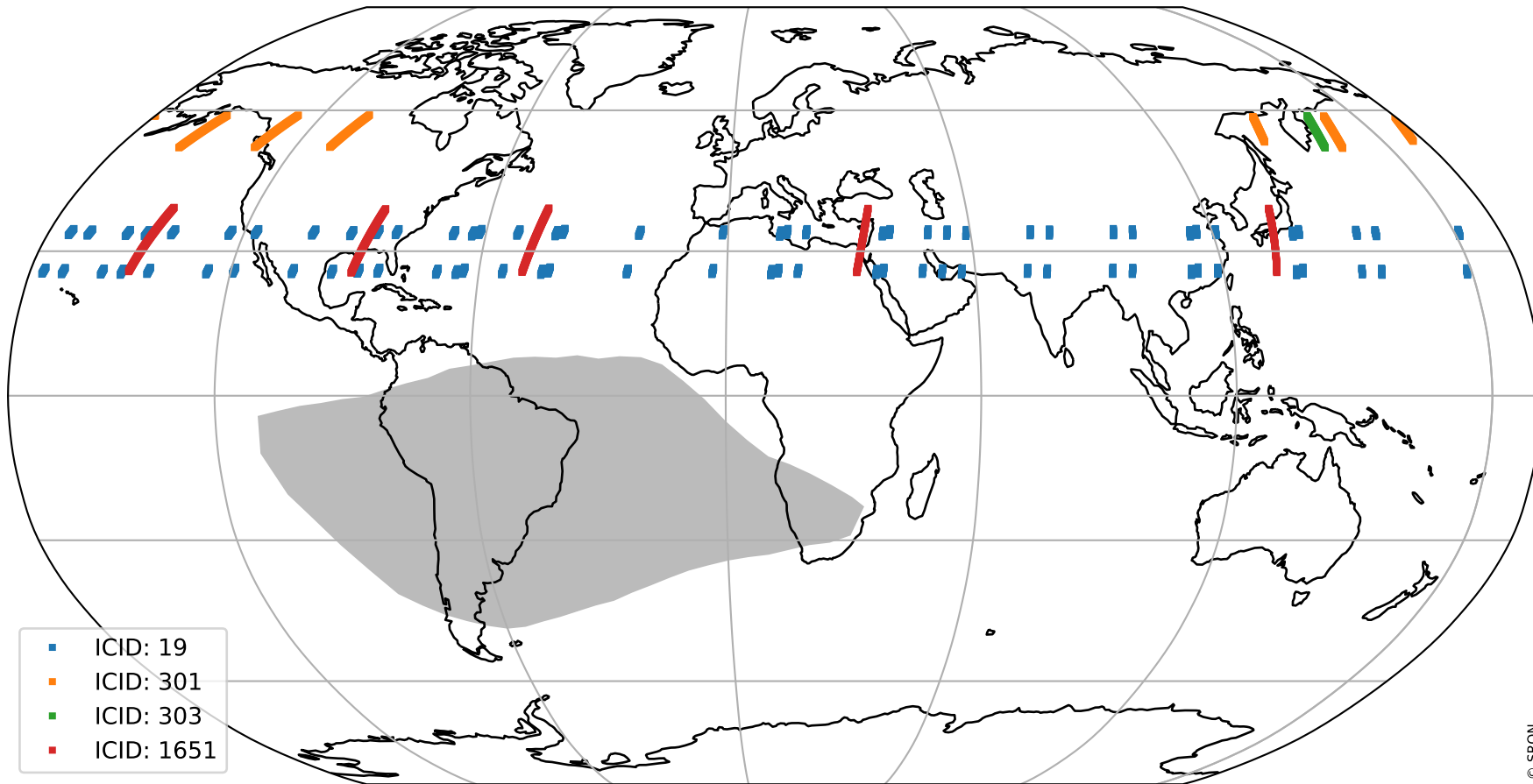
orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
median : 0.98127  
spread : 0.15978  
created : 2023-08-21T16:20:14





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

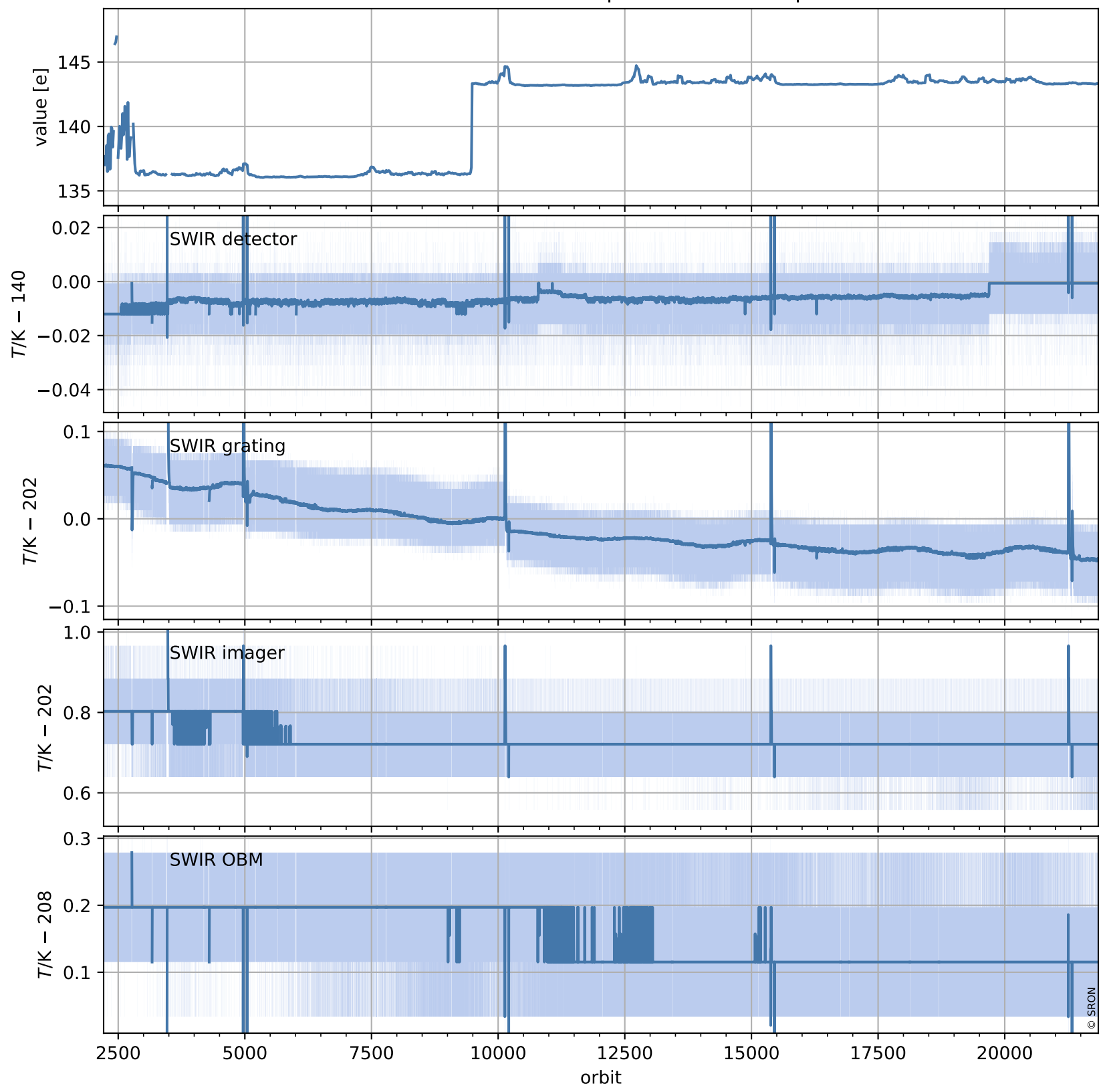
orbits : 12 in [21757, 21847]  
coverage : 2021-12-25 / 2021-12-31  
created : 2023-08-21T16:20:14



# Tropomi SWIR background noise (swir)

orbits : [2212, 21847]  
coverage : 2018-03-18 / 2021-12-31  
created : 2023-08-21T16:20:14

## trend of detector median of plain noise & temperatures

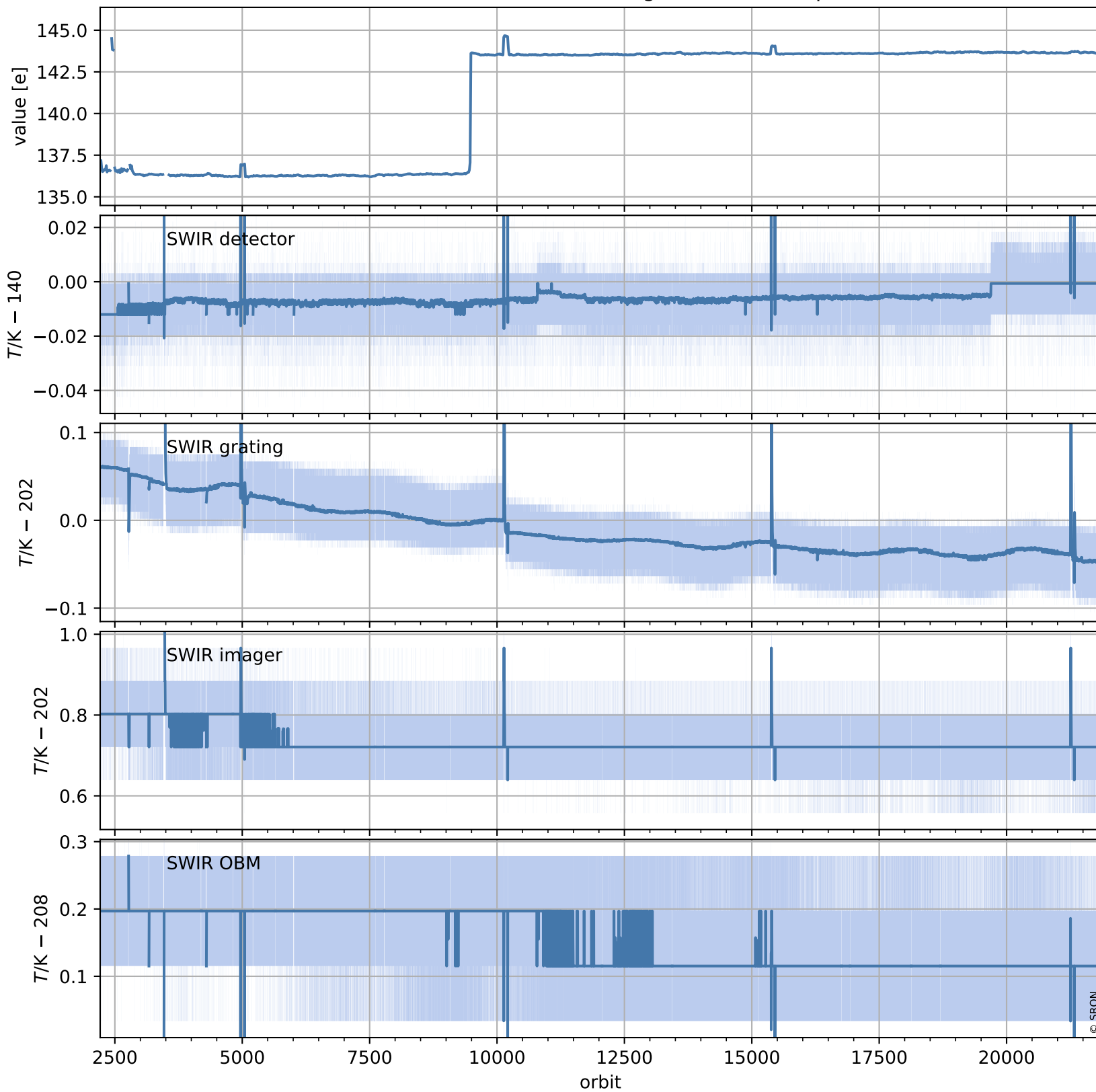




# Tropomi SWIR background noise (swir)

orbits : [2212, 21847]  
coverage : 2018-03-18 / 2021-12-31  
created : 2023-08-21T16:20:15

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21847]  
coverage : 2018-03-18 / 2021-12-31  
created : 2023-08-21T16:20:16

## trend of normalized read-noise & temperatures

