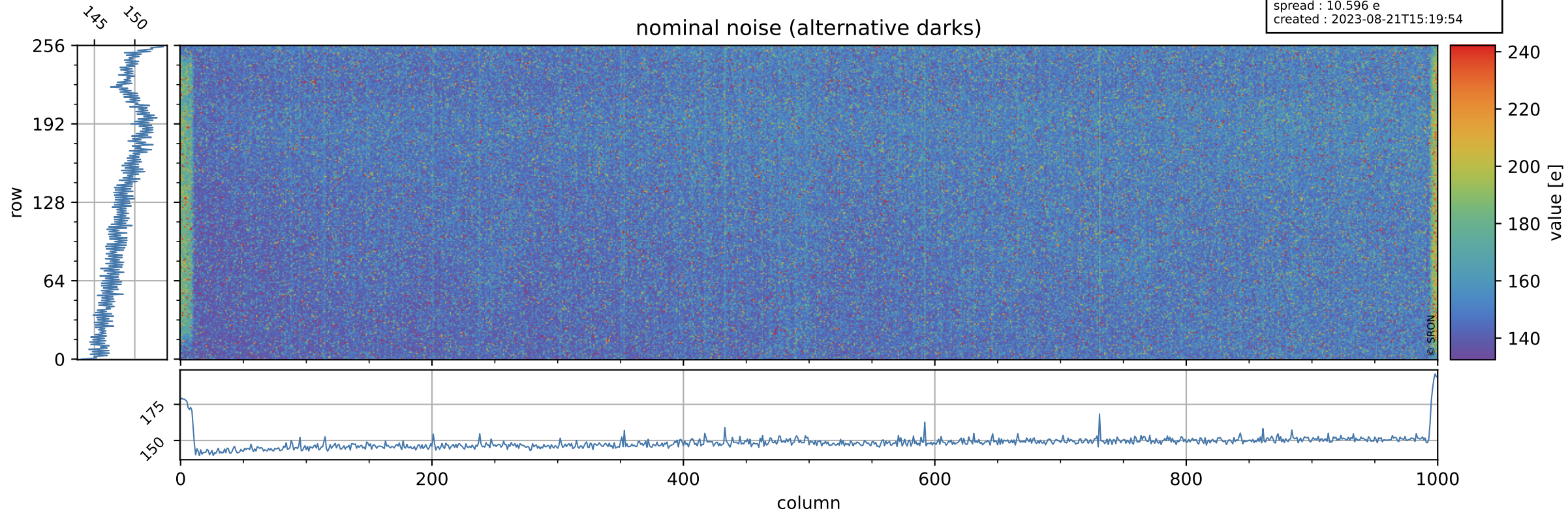


# Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
n\_coad, t\_exp : 1, 1.0783  
median : 148.48 e  
spread : 10.596 e  
created : 2023-08-21T15:19:54

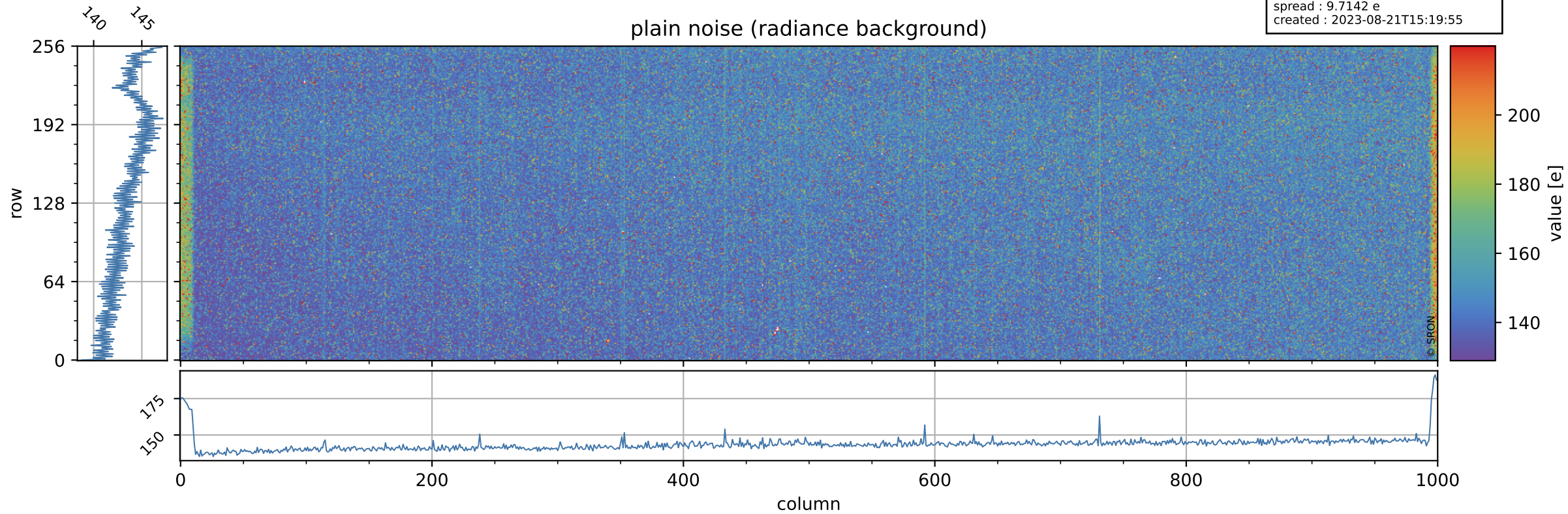
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.34 e  
spread : 9.7142 e  
created : 2023-08-21T15:19:55

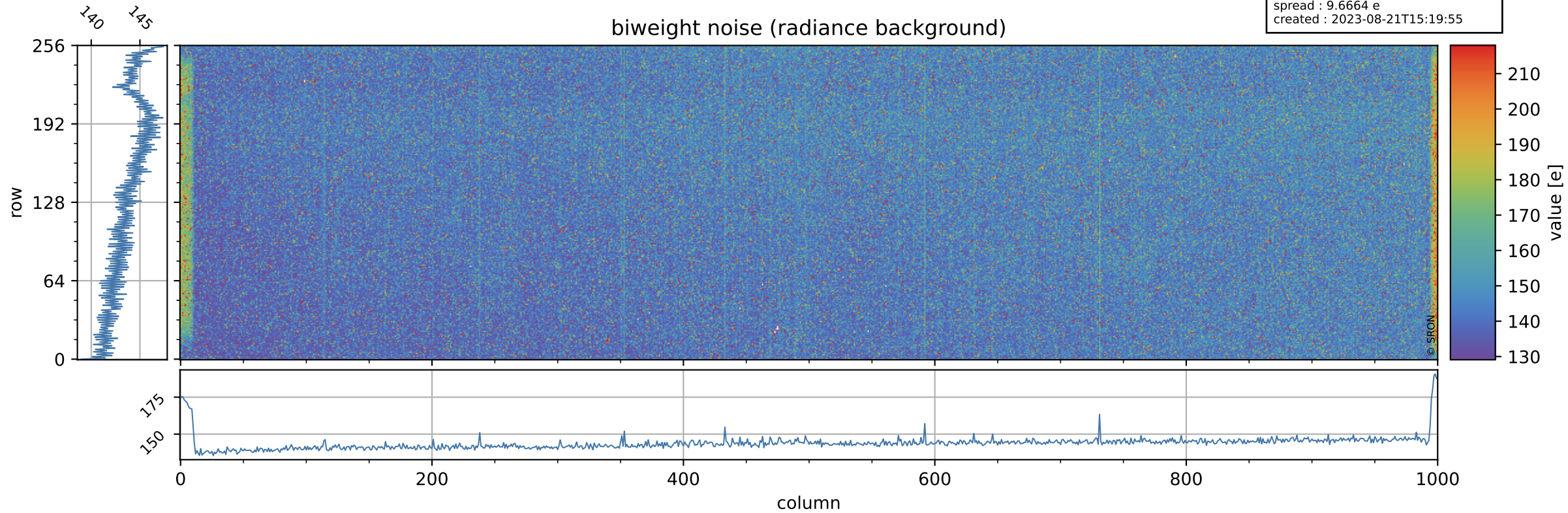
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.6664 e  
created : 2023-08-21T15:19:55

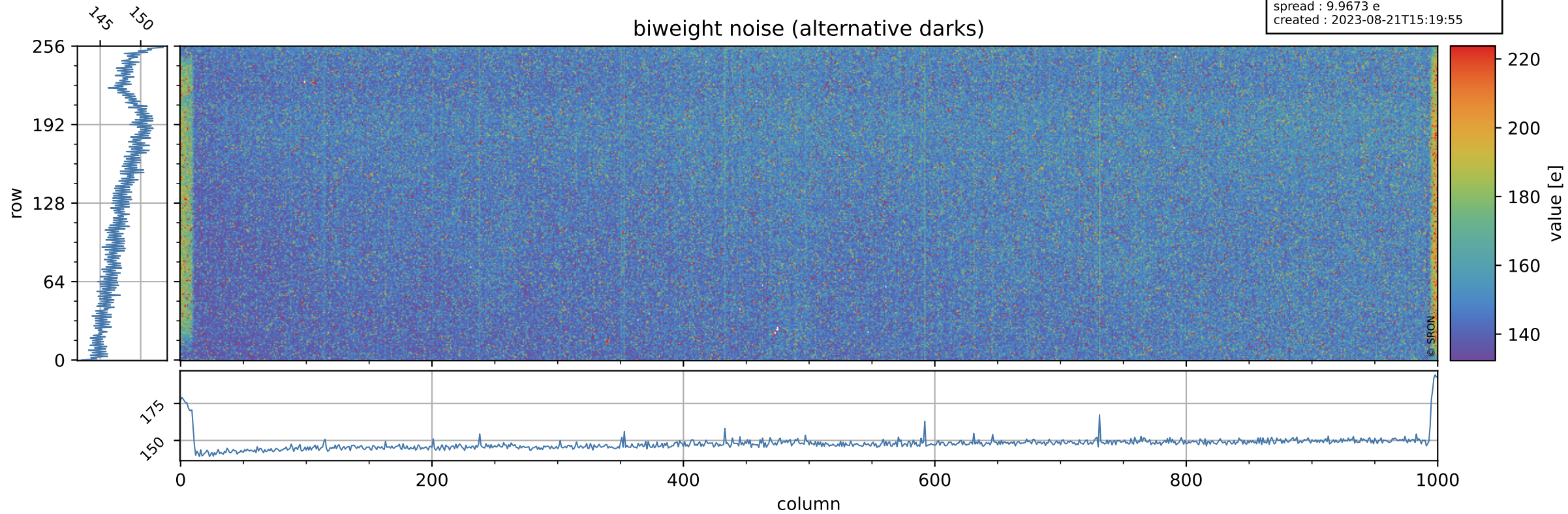
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 9.9673 e  
created : 2023-08-21T15:19:55

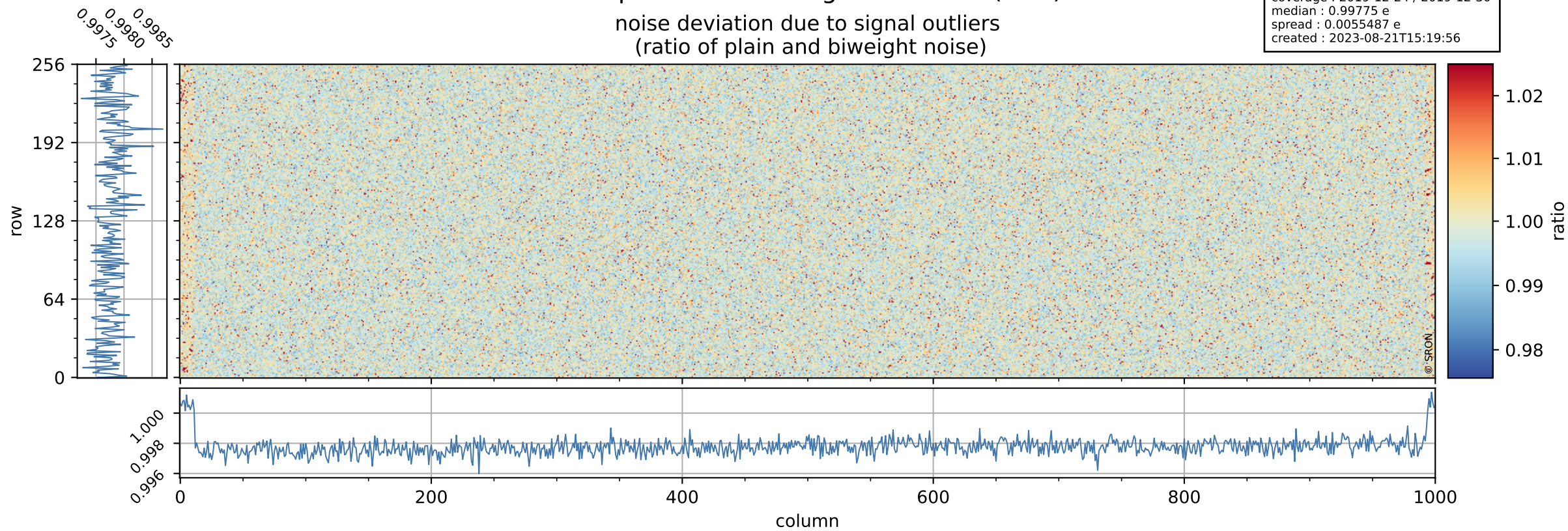
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

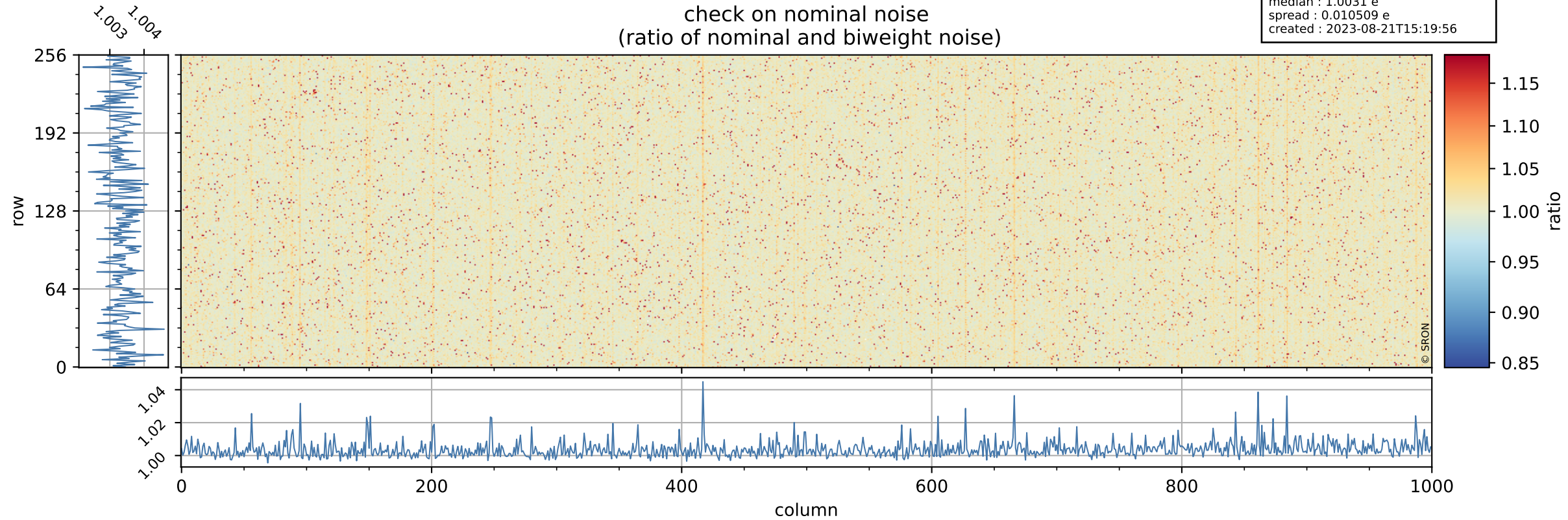
orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
median : 0.99775 e  
spread : 0.0055487 e  
created : 2023-08-21T15:19:56



# Tropomi SWIR background noise (swir)

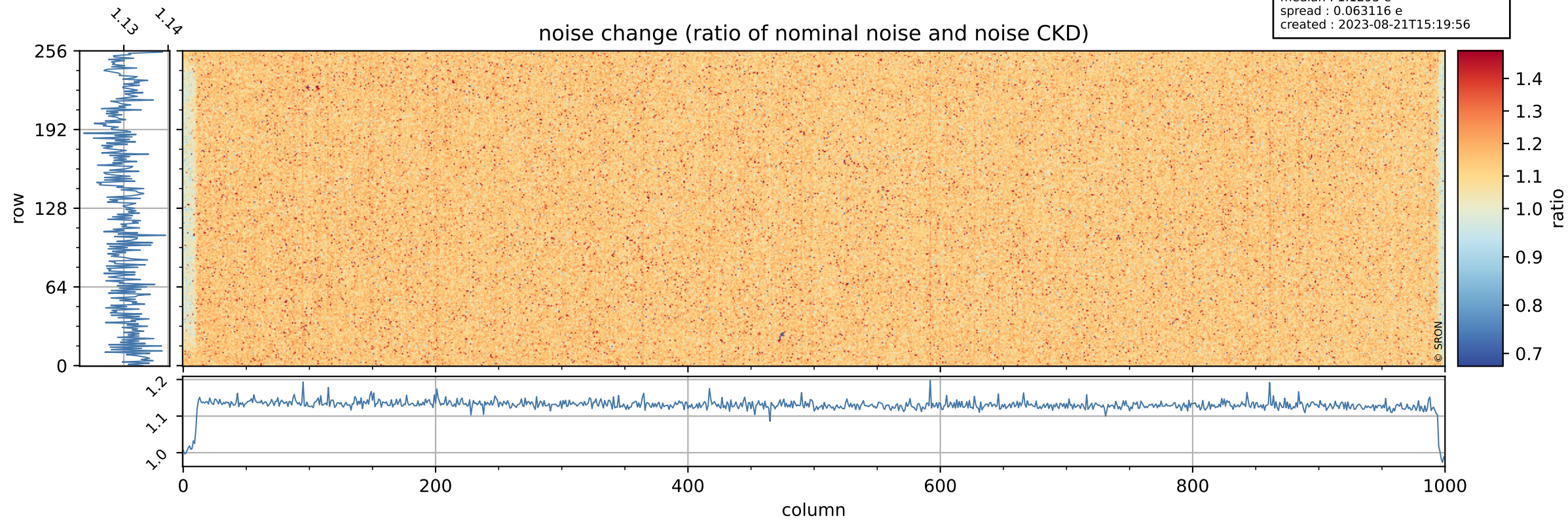
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
median : 1.0031 e  
spread : 0.010509 e  
created : 2023-08-21T15:19:56



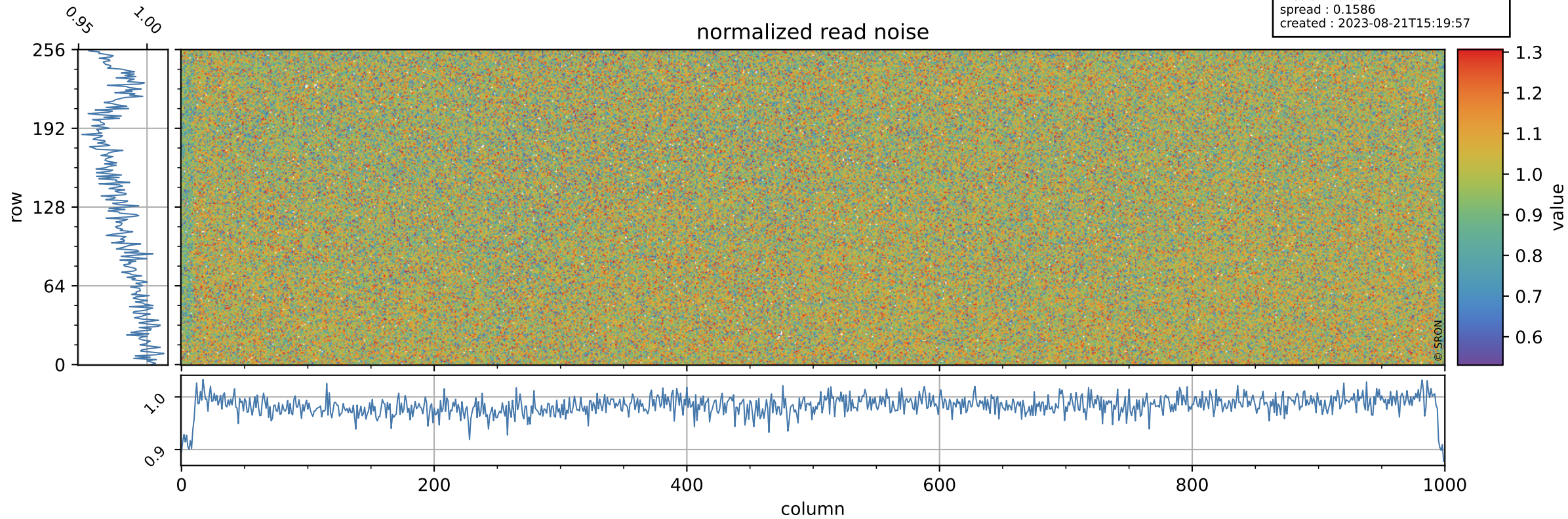
# Tropomi SWIR background noise (swir)

orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
median : 1.1295 e  
spread : 0.063116 e  
created : 2023-08-21T15:19:56



# Tropomi SWIR background noise (swir)

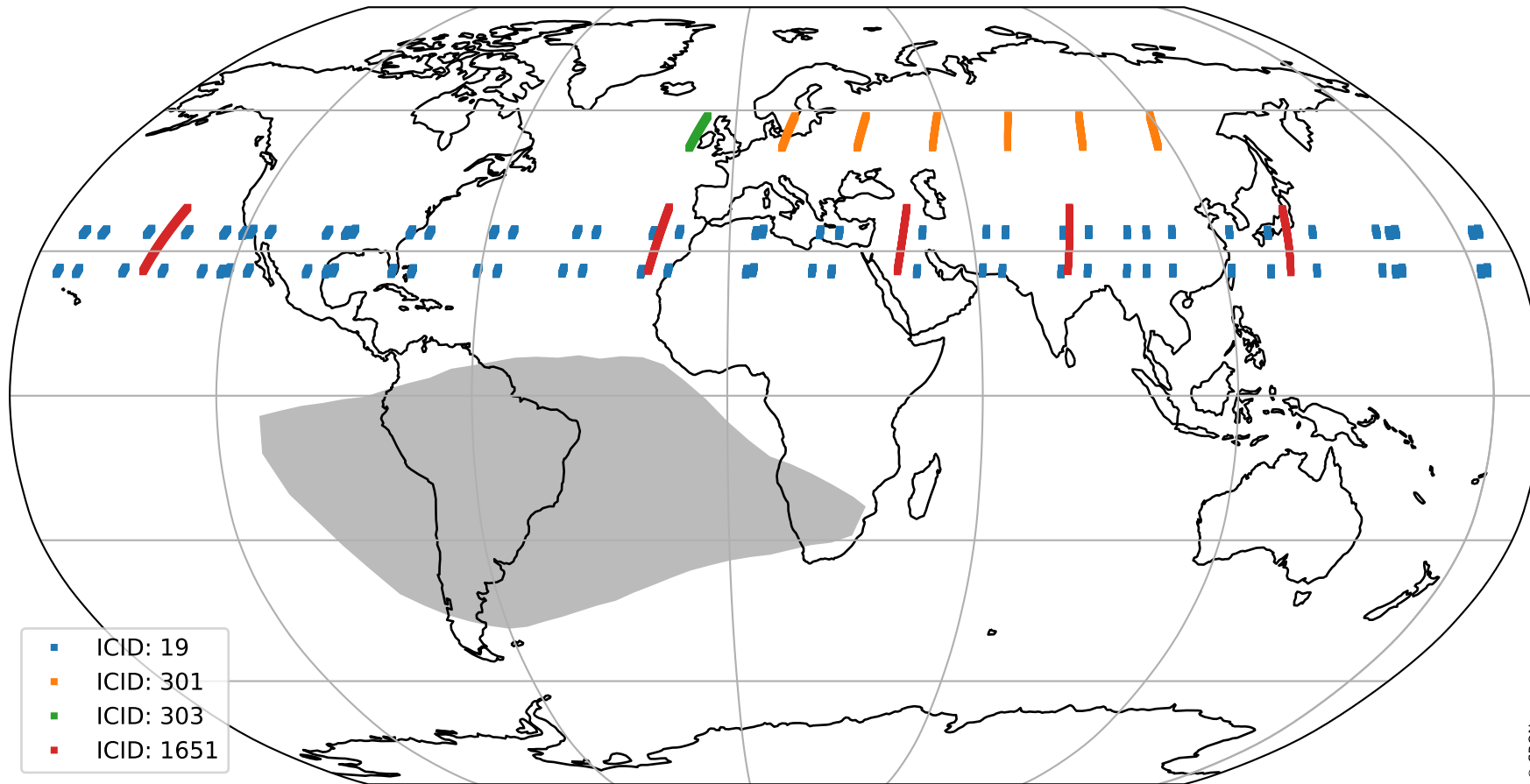
orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
median : 0.98191  
spread : 0.1586  
created : 2023-08-21T15:19:57





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

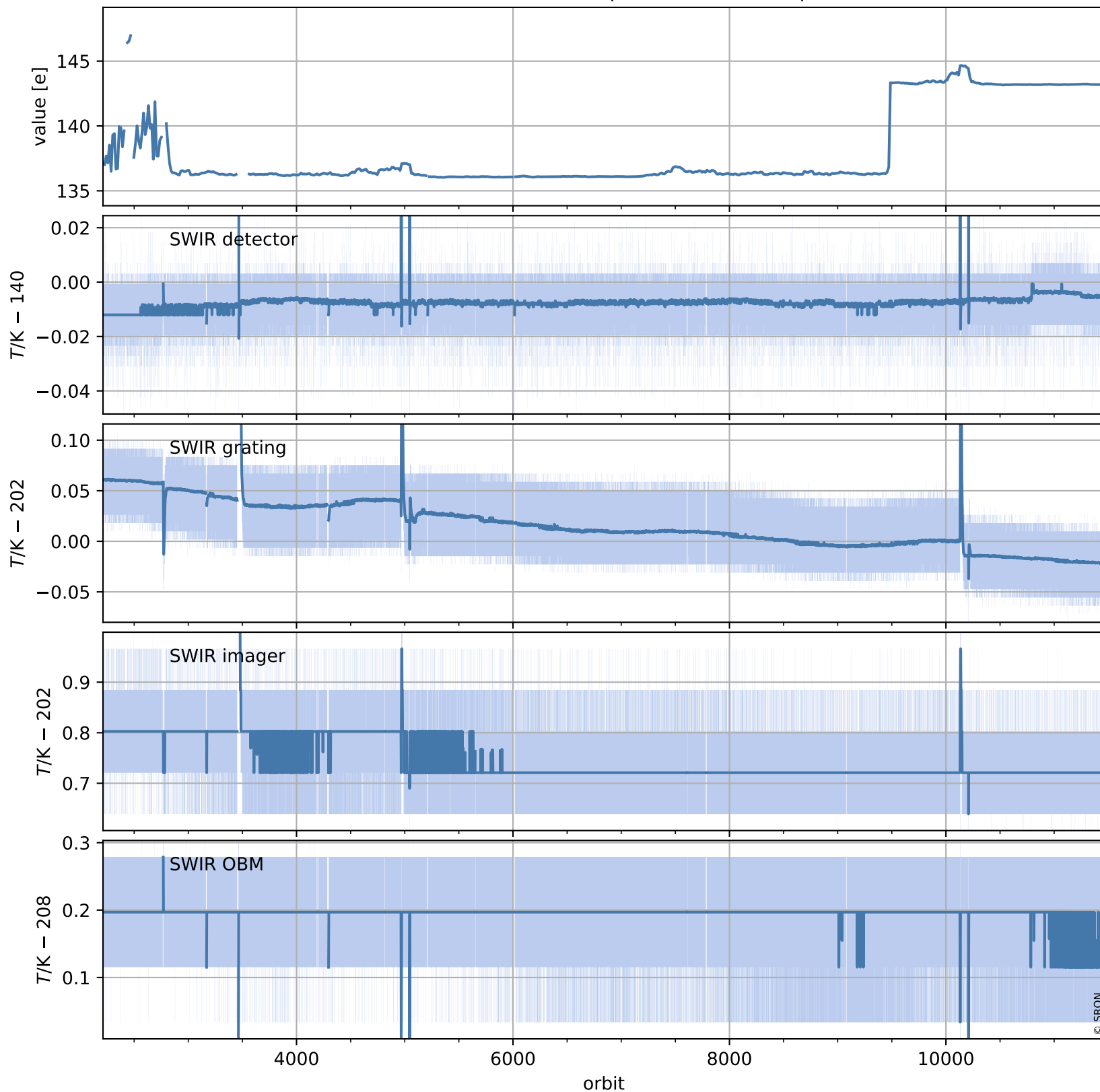
orbits : 12 in [11377, 11467]  
coverage : 2019-12-24 / 2019-12-30  
created : 2023-08-21T15:19:57



# Tropomi SWIR background noise (swir)

orbits : [2212, 11467]  
coverage : 2018-03-18 / 2019-12-30  
created : 2023-08-21T15:19:58

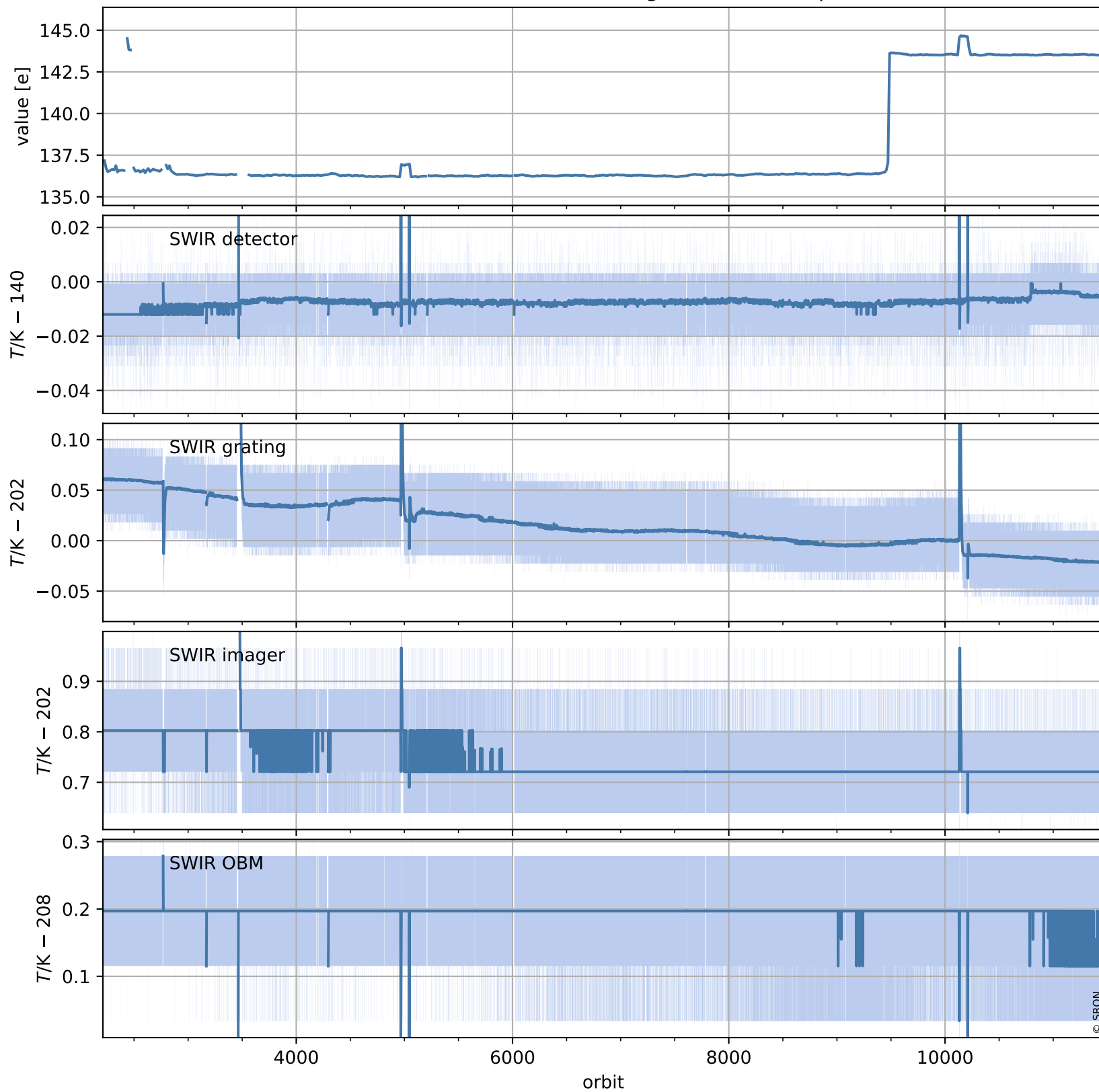
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11467]  
coverage : 2018-03-18 / 2019-12-30  
created : 2023-08-21T15:19:58

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11467]  
coverage : 2018-03-18 / 2019-12-30  
created : 2023-08-21T15:19:59

## trend of normalized read-noise & temperatures

