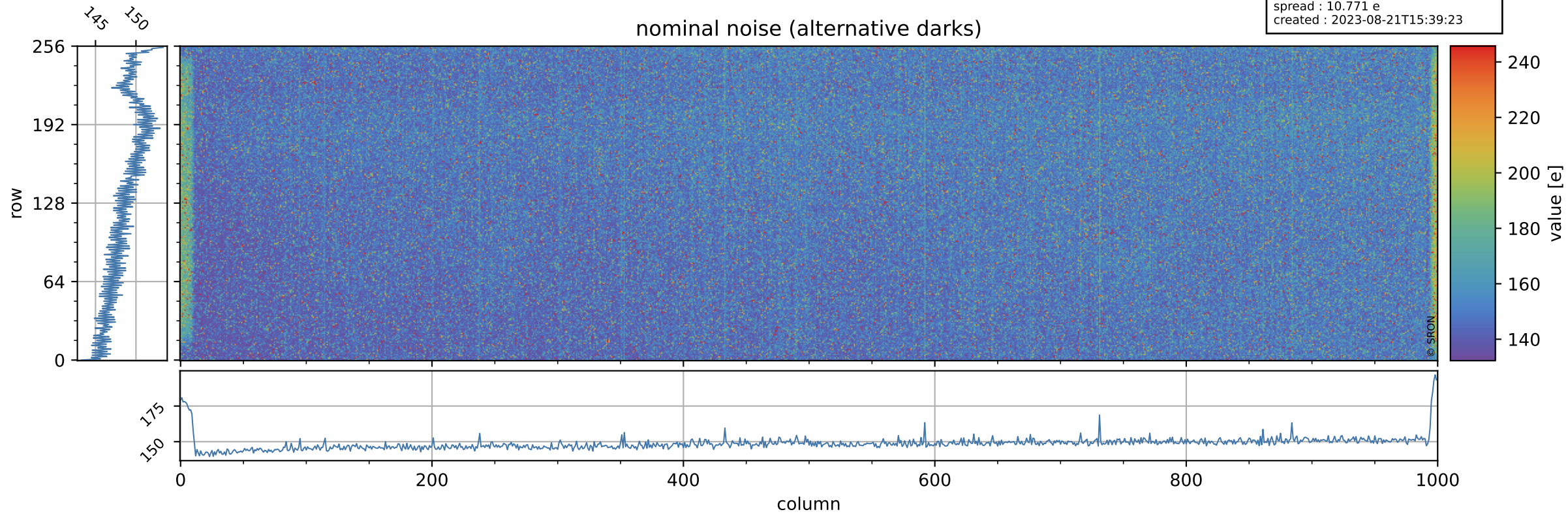


# Tropomi SWIR background noise (swir)

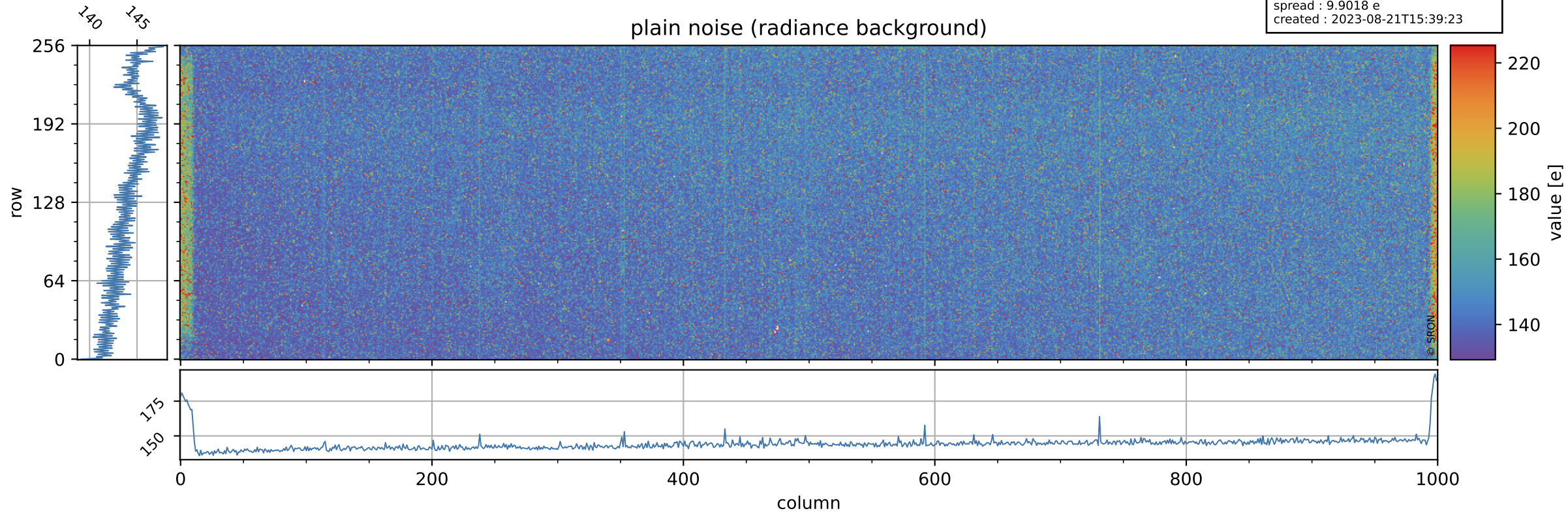
orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.55 e  
spread : 10.771 e  
created : 2023-08-21T15:39:23



# Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.92 e  
spread : 9.9018 e  
created : 2023-08-21T15:39:23

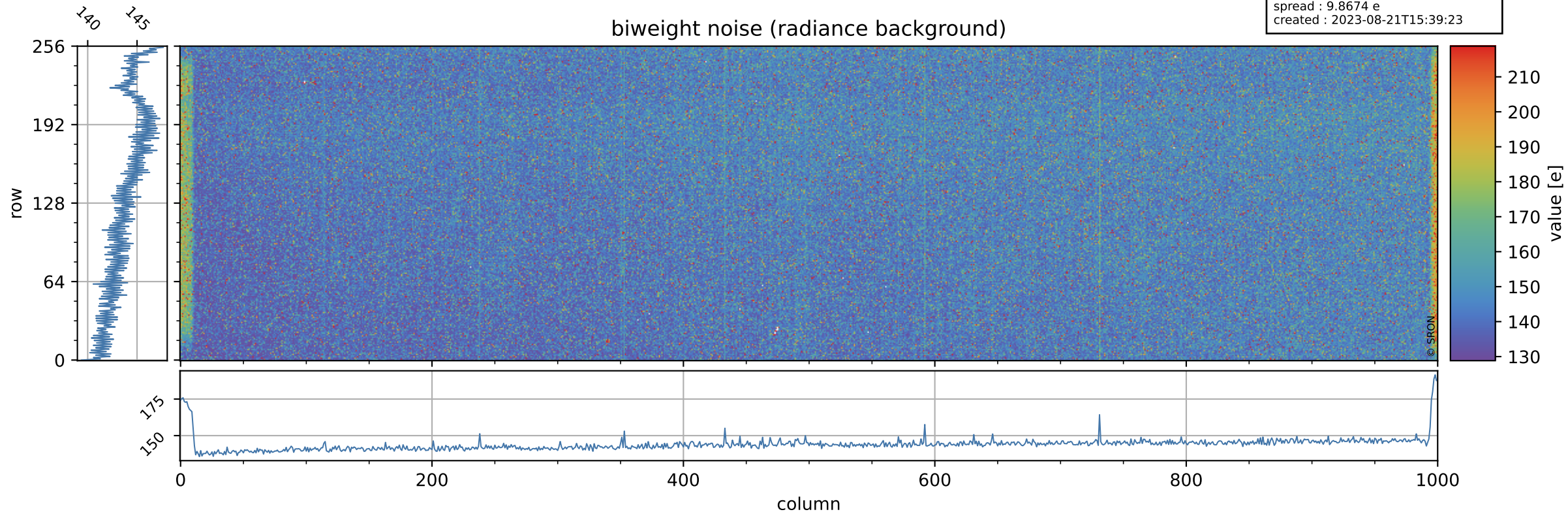
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.8674 e  
created : 2023-08-21T15:39:23

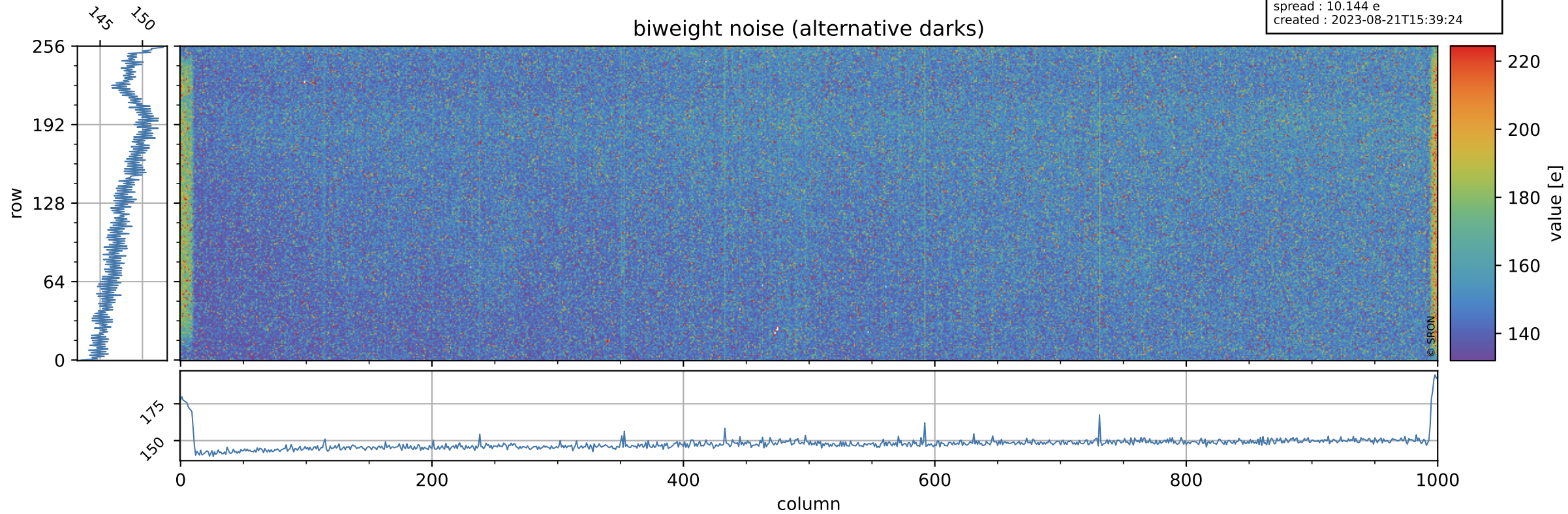
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.69 e  
spread : 10.144 e  
created : 2023-08-21T15:39:24

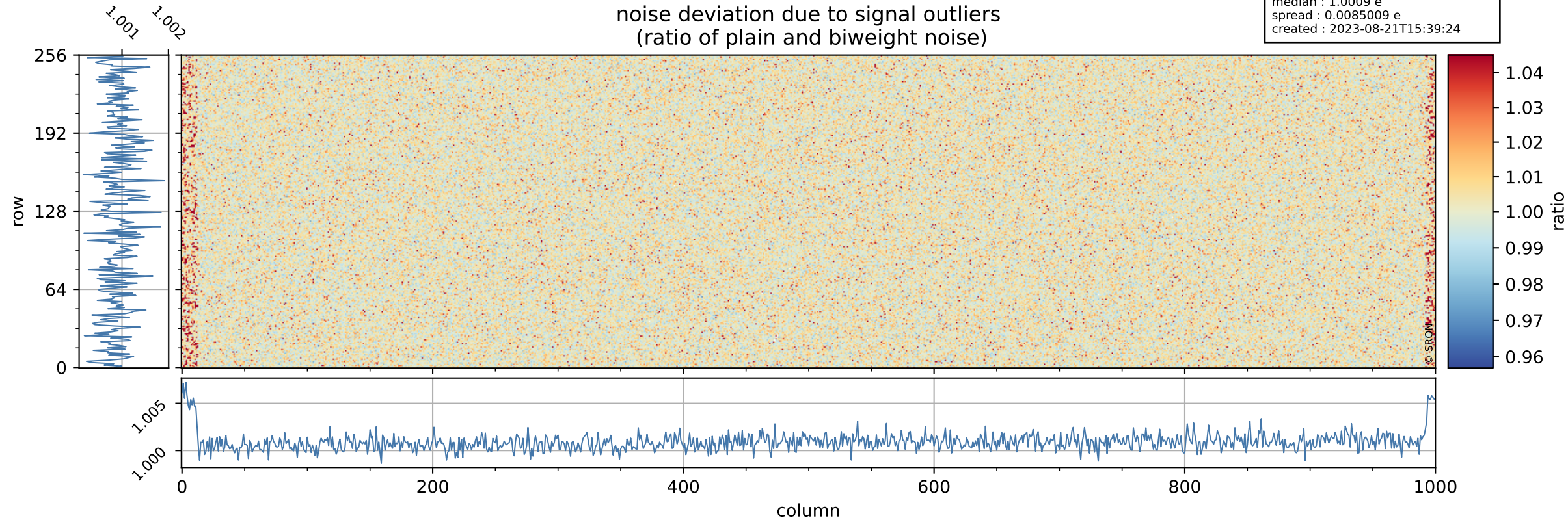
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

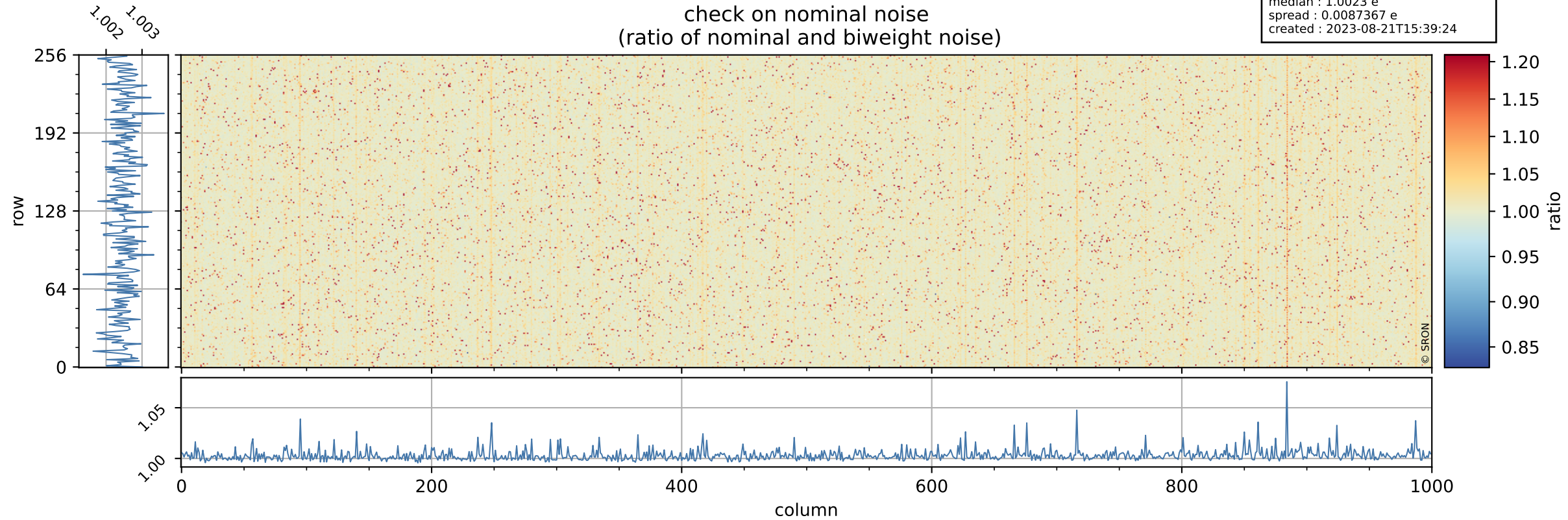
orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
median : 1.0009 e  
spread : 0.0085009 e  
created : 2023-08-21T15:39:24



# Tropomi SWIR background noise (swir)

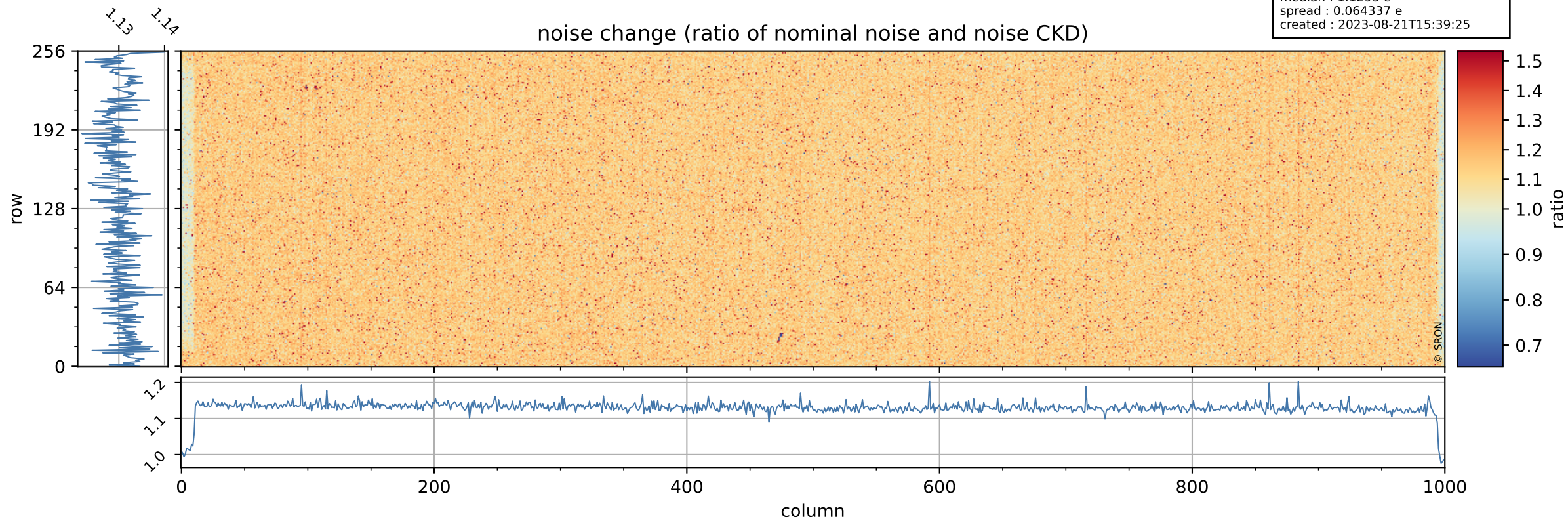
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
median : 1.0023 e  
spread : 0.0087367 e  
created : 2023-08-21T15:39:24



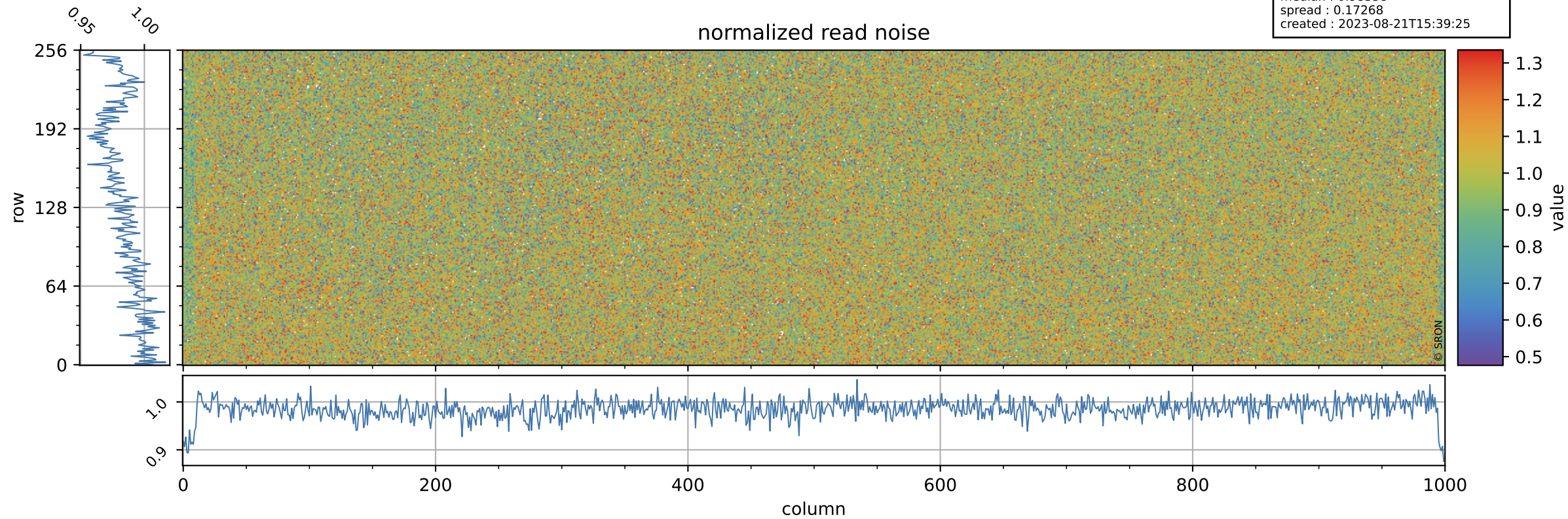
# Tropomi SWIR background noise (swir)

orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
median : 1.1295 e  
spread : 0.064337 e  
created : 2023-08-21T15:39:25



# Tropomi SWIR background noise (swir)

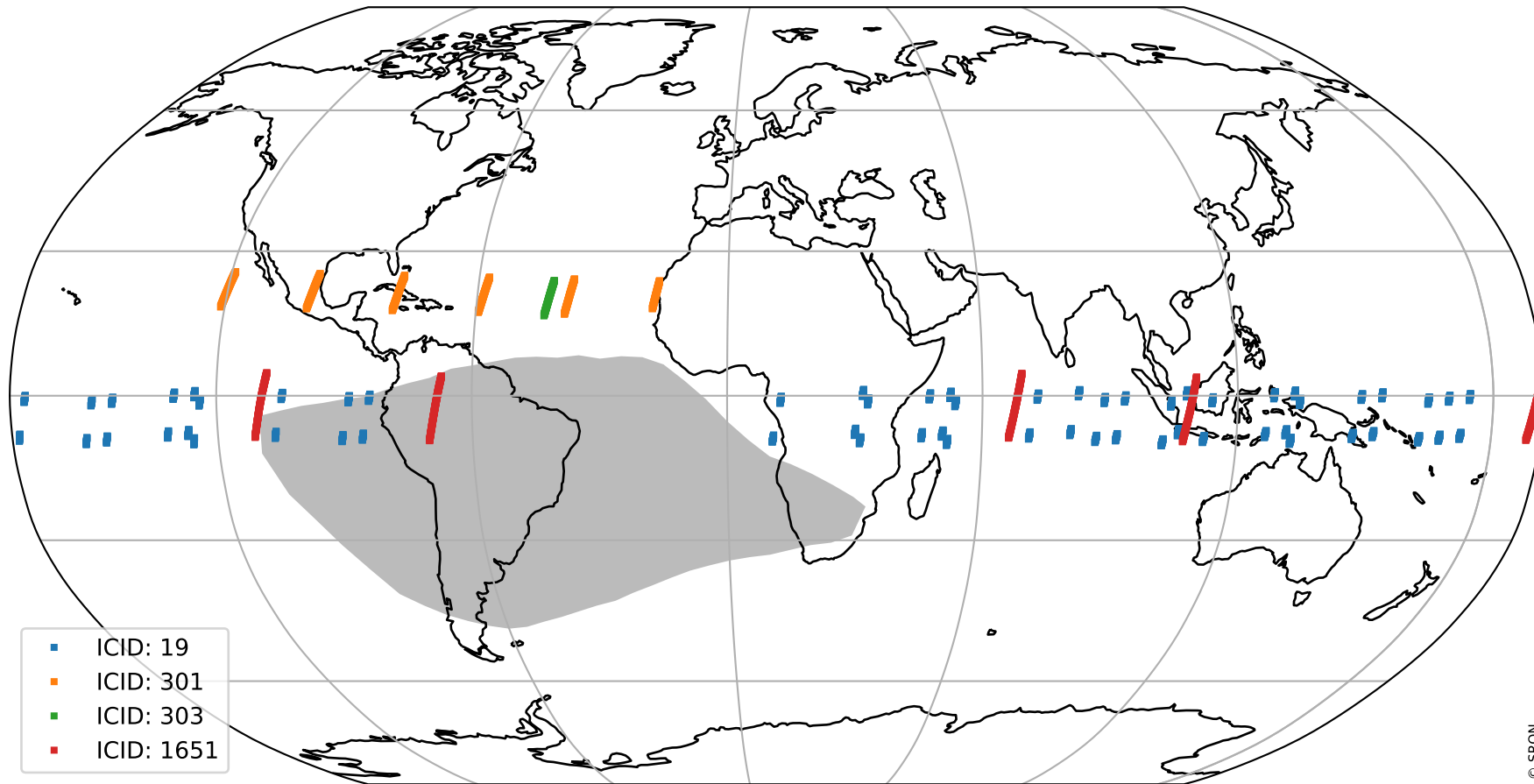
orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
median : 0.98358  
spread : 0.17268  
created : 2023-08-21T15:39:25





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

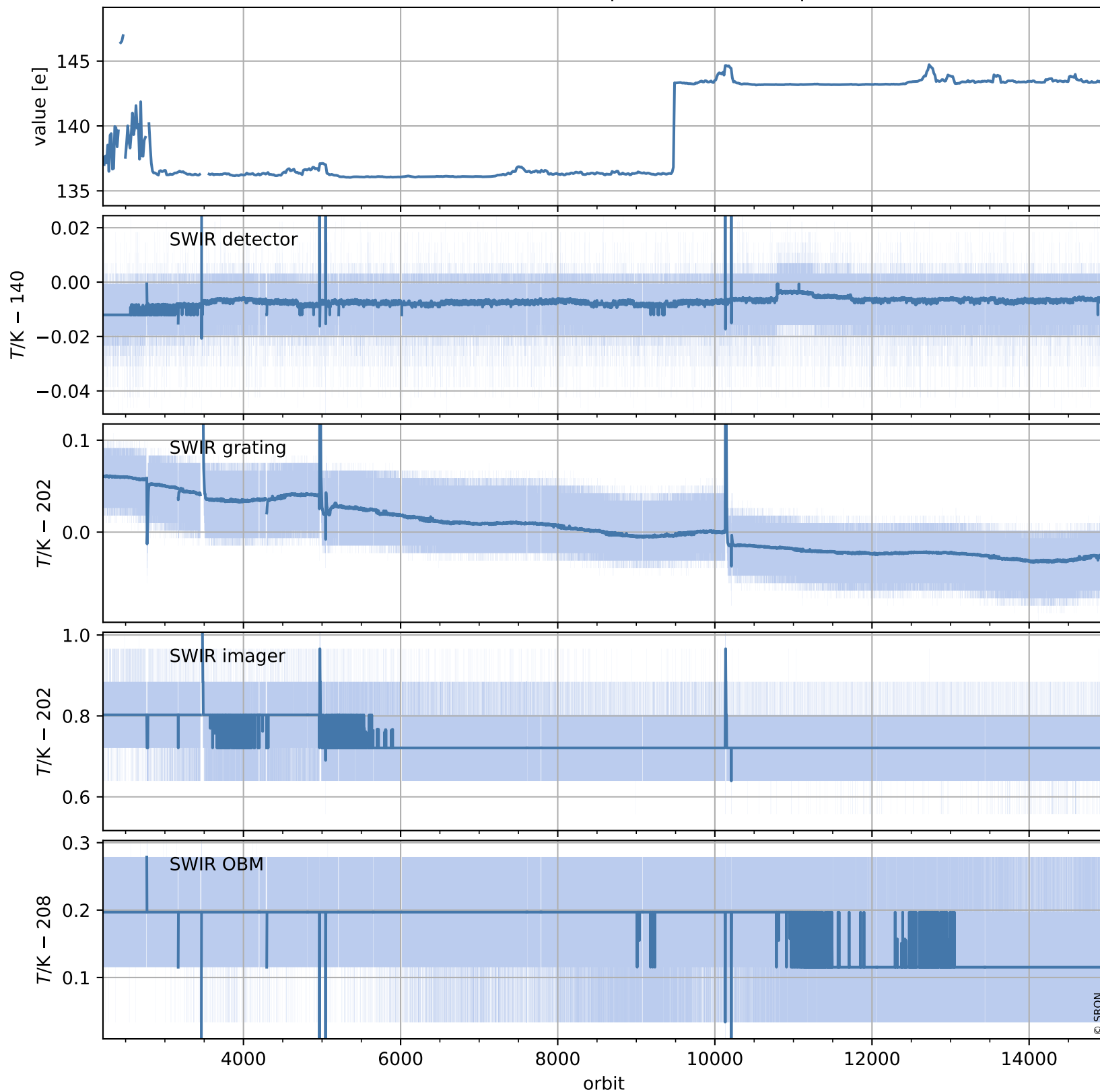
orbits : 12 in [14887, 14962]  
coverage : 2020-08-27 / 2020-09-01  
created : 2023-08-21T15:39:25



# Tropomi SWIR background noise (swir)

orbits : [2212, 14962]  
coverage : 2018-03-18 / 2020-09-01  
created : 2023-08-21T15:39:26

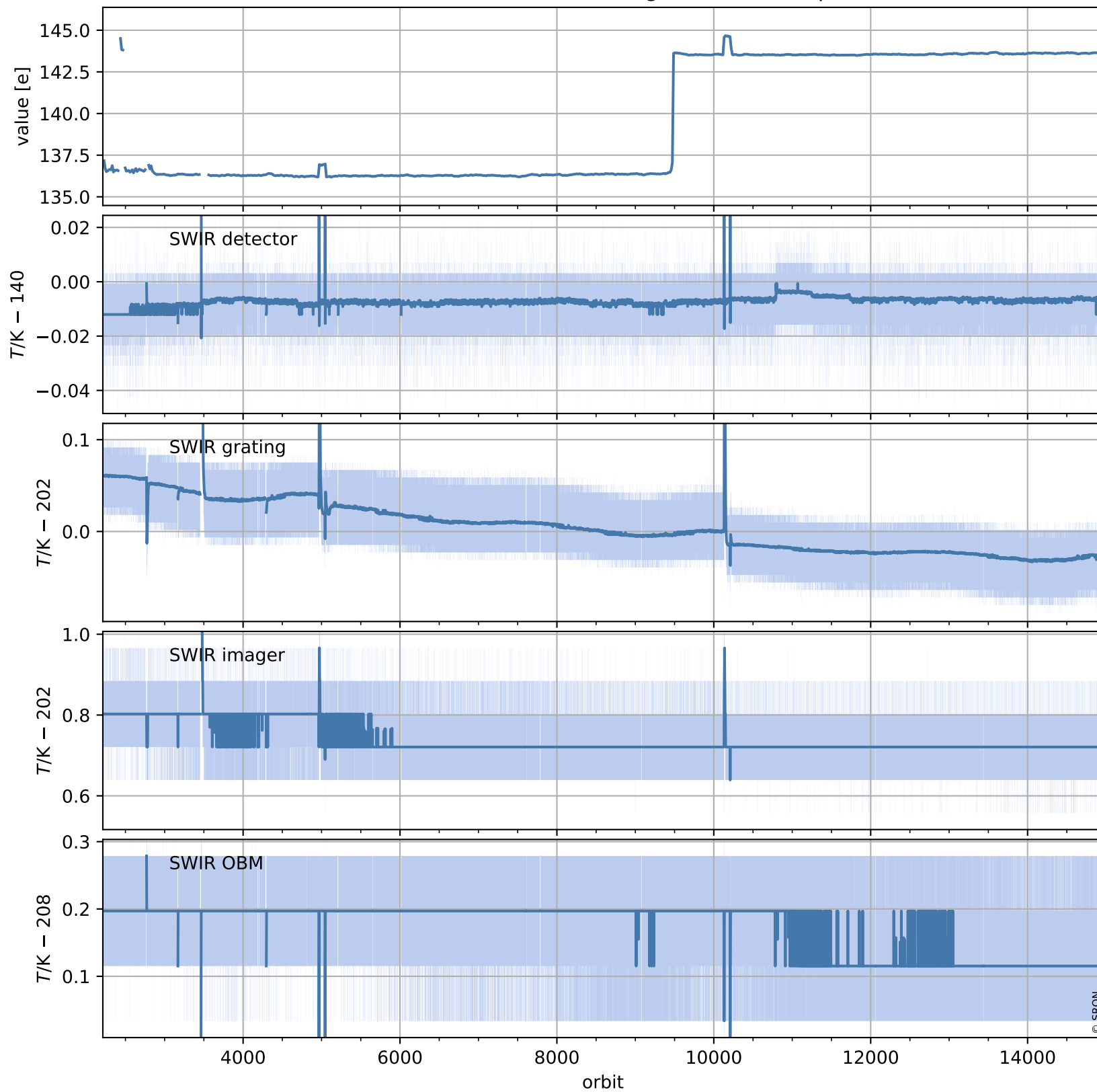
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14962]  
coverage : 2018-03-18 / 2020-09-01  
created : 2023-08-21T15:39:26

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14962]  
coverage : 2018-03-18 / 2020-09-01  
created : 2023-08-21T15:39:27

## trend of normalized read-noise & temperatures

