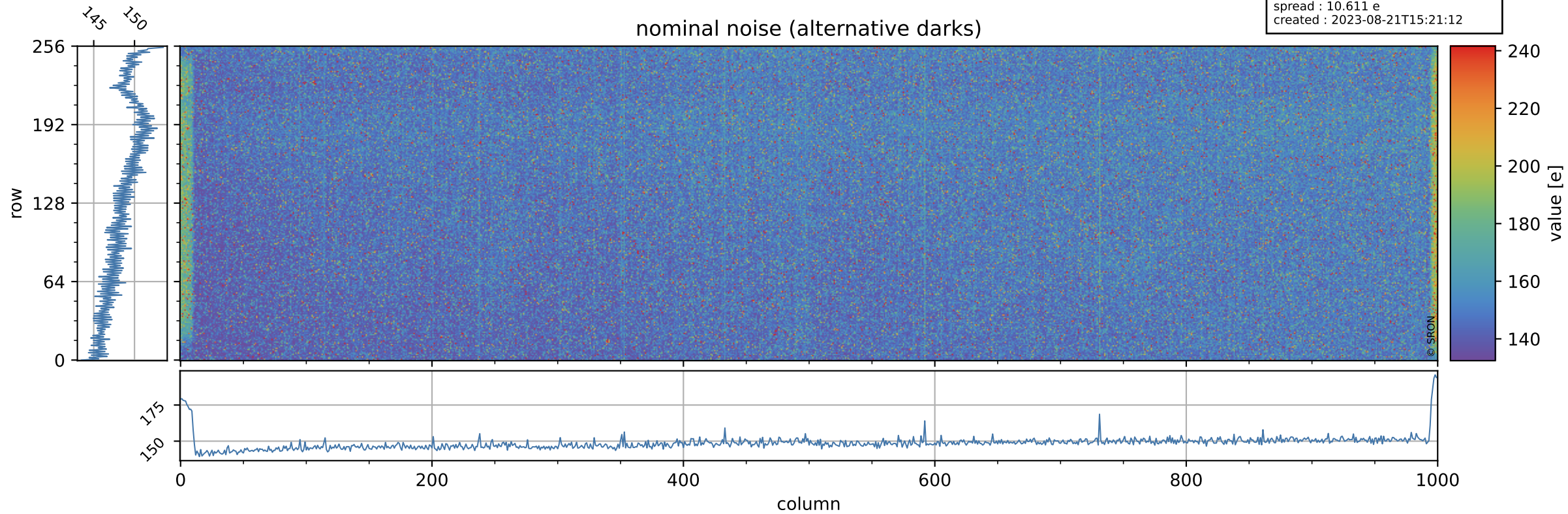


# Tropomi SWIR background noise (swir)

orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
n\_coad, t\_exp : 1, 1.0783  
median : 148.49 e  
spread : 10.611 e  
created : 2023-08-21T15:21:12

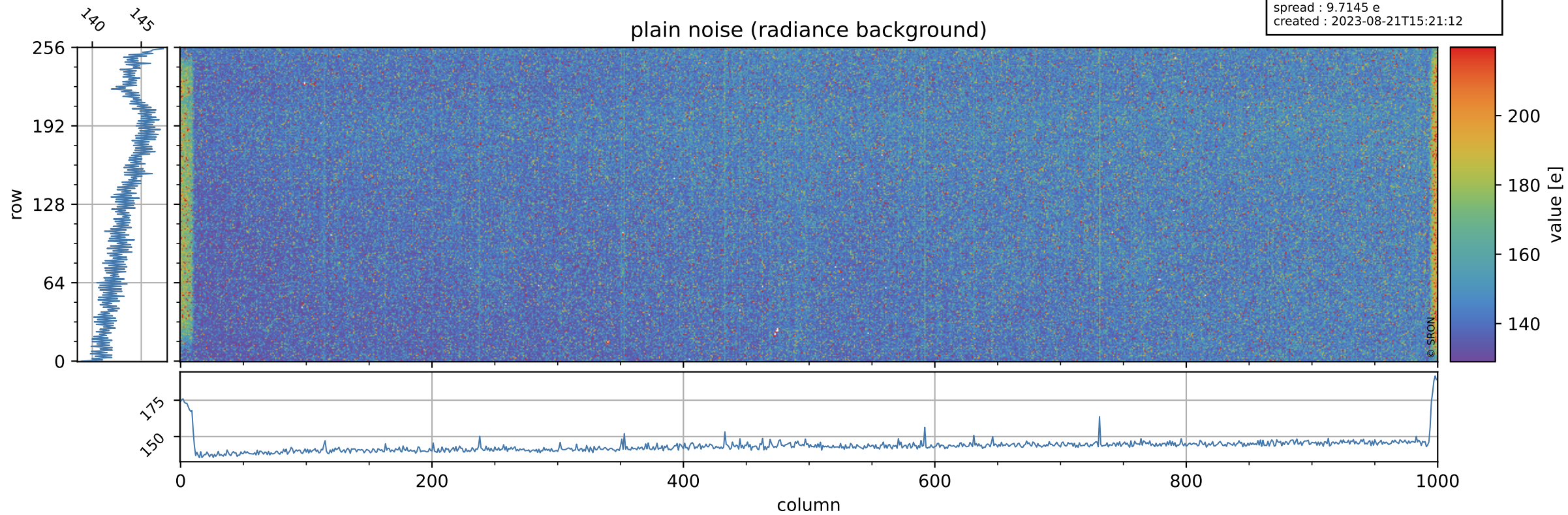
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.34 e  
spread : 9.7145 e  
created : 2023-08-21T15:21:12

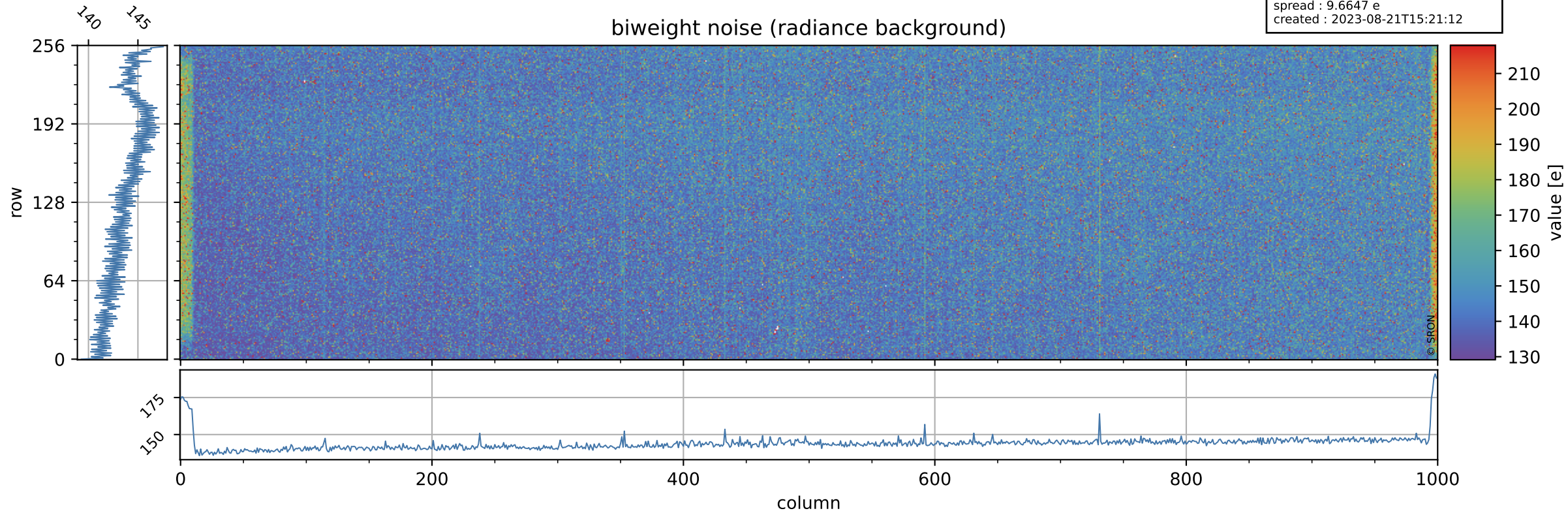
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.6647 e  
created : 2023-08-21T15:21:12

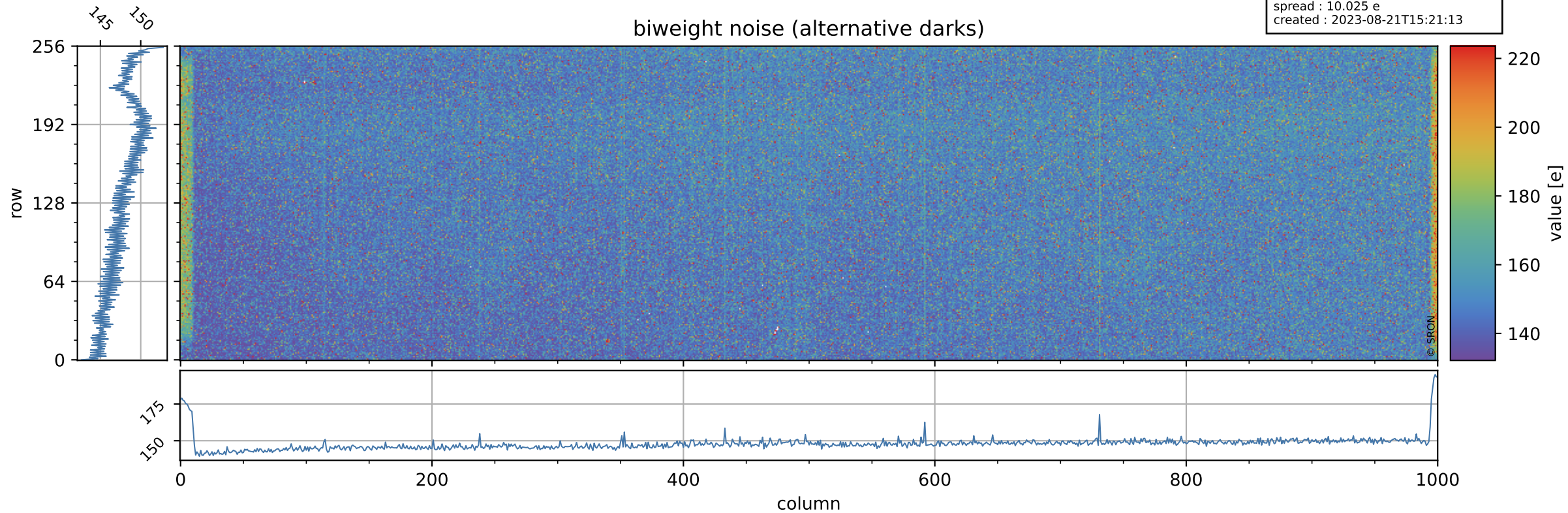
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
n\_coad, t\_exp : 1, 1.0783  
median : 147.64 e  
spread : 10.025 e  
created : 2023-08-21T15:21:13

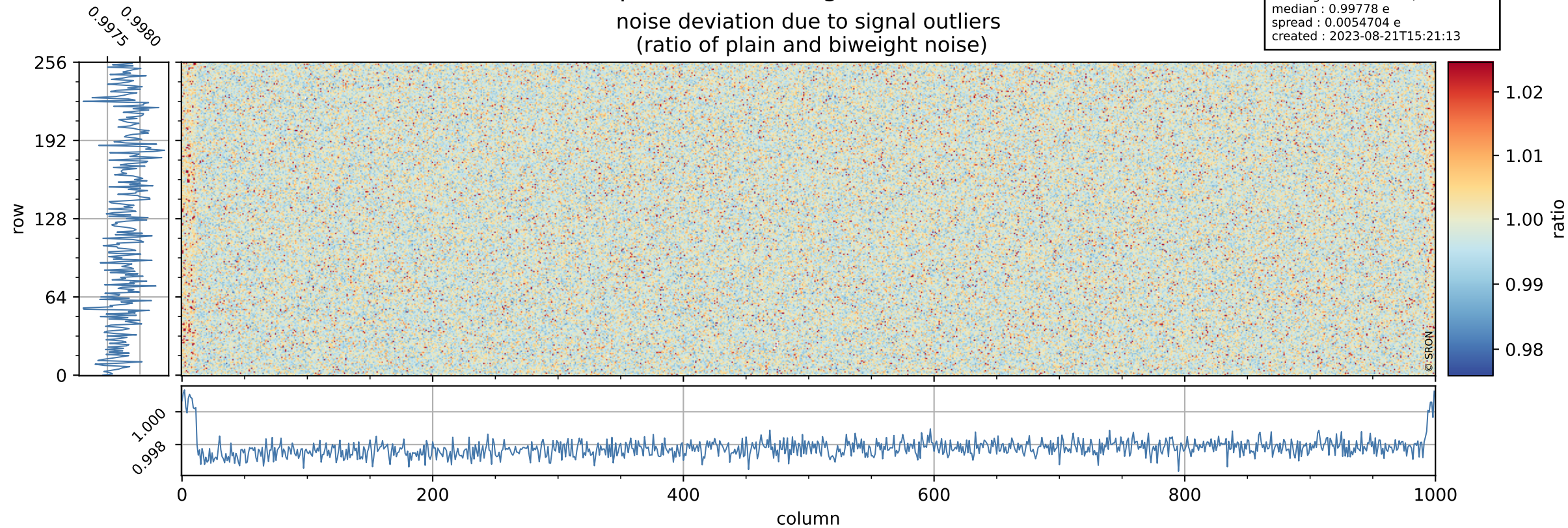
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

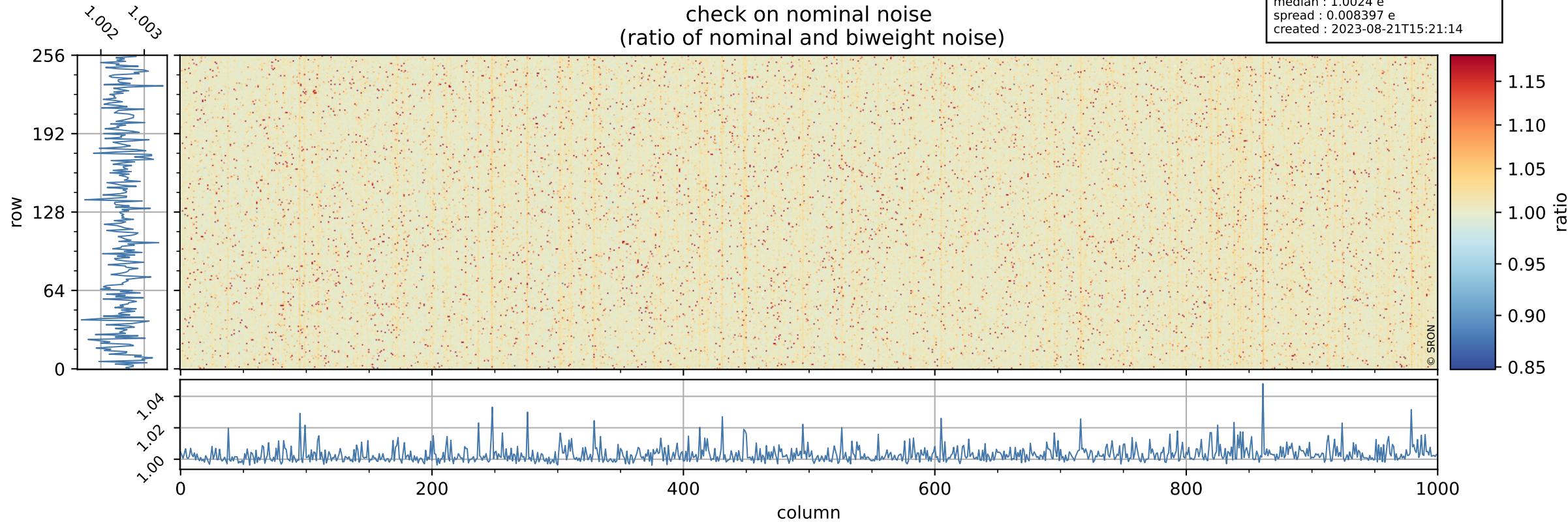
orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
median : 0.99778 e  
spread : 0.0054704 e  
created : 2023-08-21T15:21:13



# Tropomi SWIR background noise (swir)

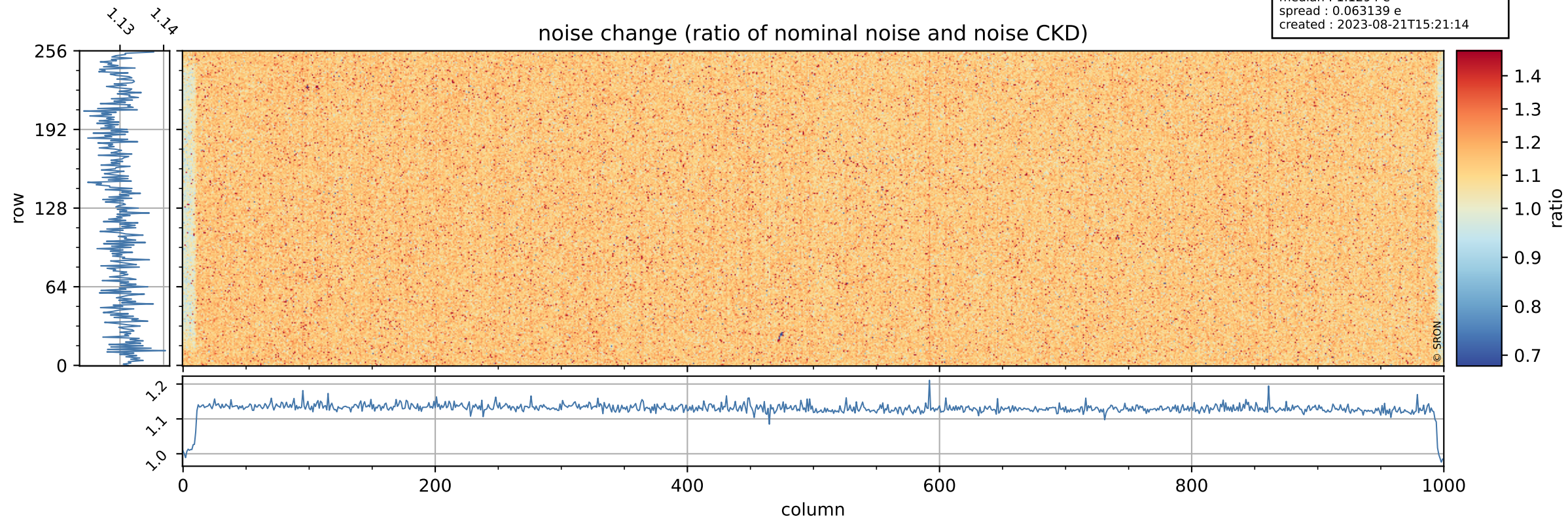
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
median : 1.0024 e  
spread : 0.008397 e  
created : 2023-08-21T15:21:14



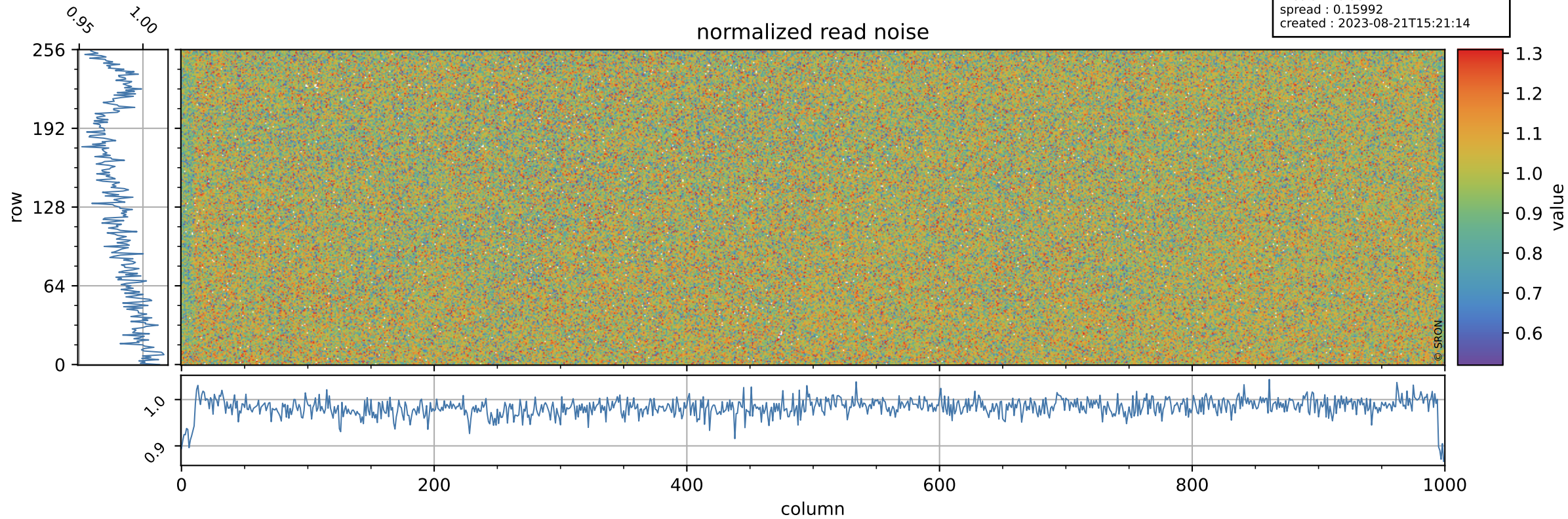
# Tropomi SWIR background noise (swir)

orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
median : 1.1294 e  
spread : 0.063139 e  
created : 2023-08-21T15:21:14



# Tropomi SWIR background noise (swir)

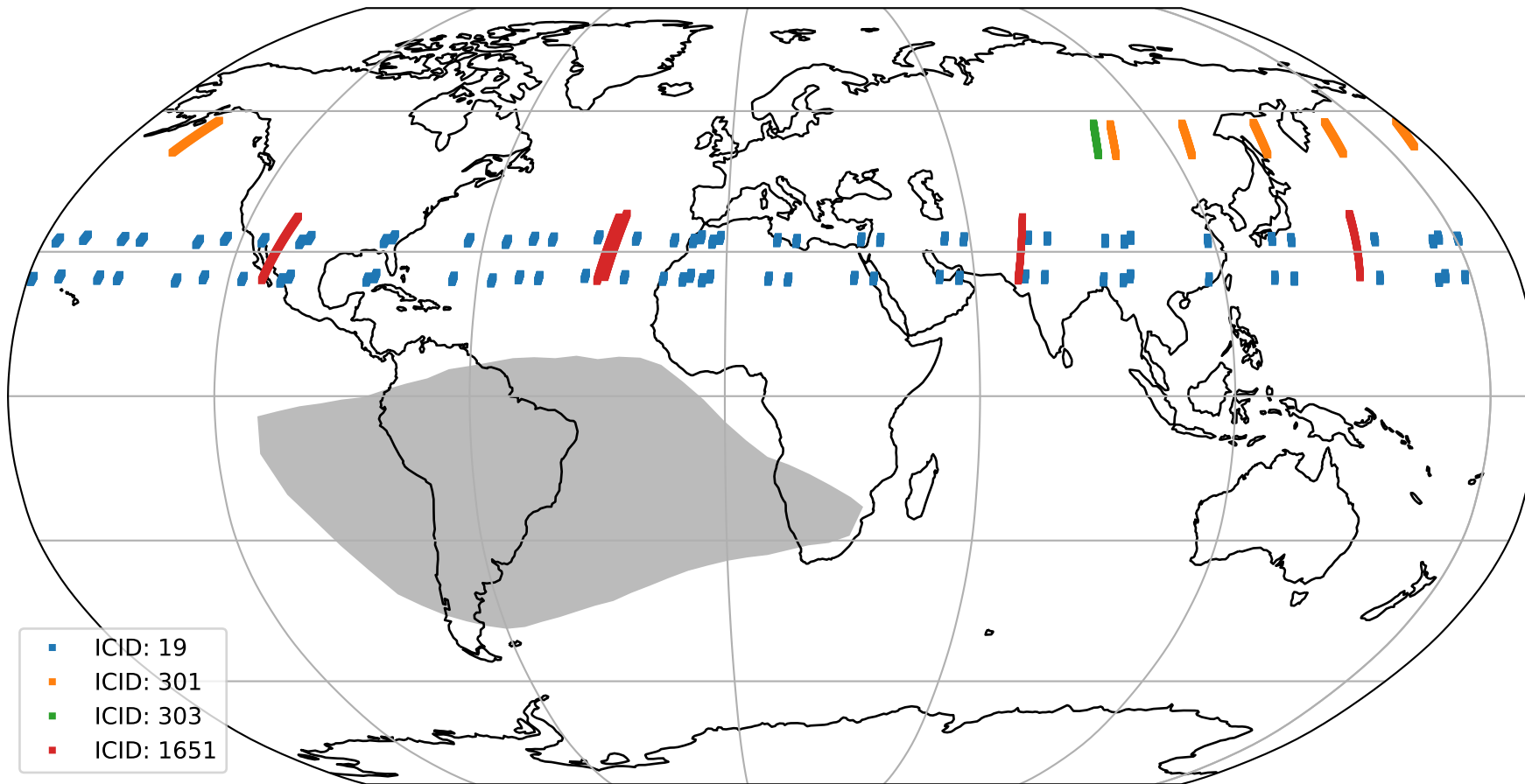
orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
median : 0.98172  
spread : 0.15992  
created : 2023-08-21T15:21:14





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

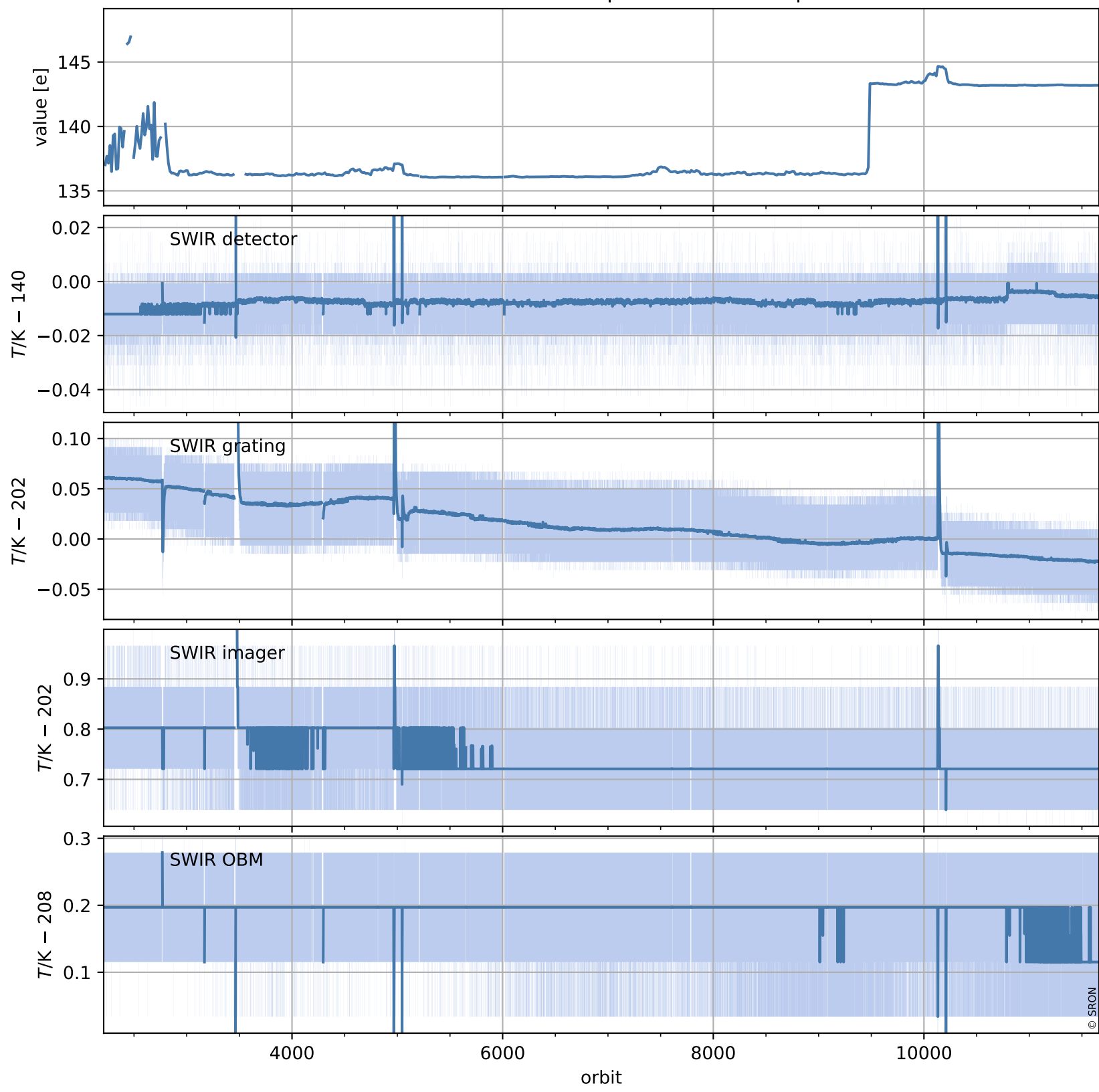
orbits : 12 in [11572, 11662]  
coverage : 2020-01-07 / 2020-01-13  
created : 2023-08-21T15:21:15



# Tropomi SWIR background noise (swir)

orbits : [2212, 11662]  
coverage : 2018-03-18 / 2020-01-13  
created : 2023-08-21T15:21:15

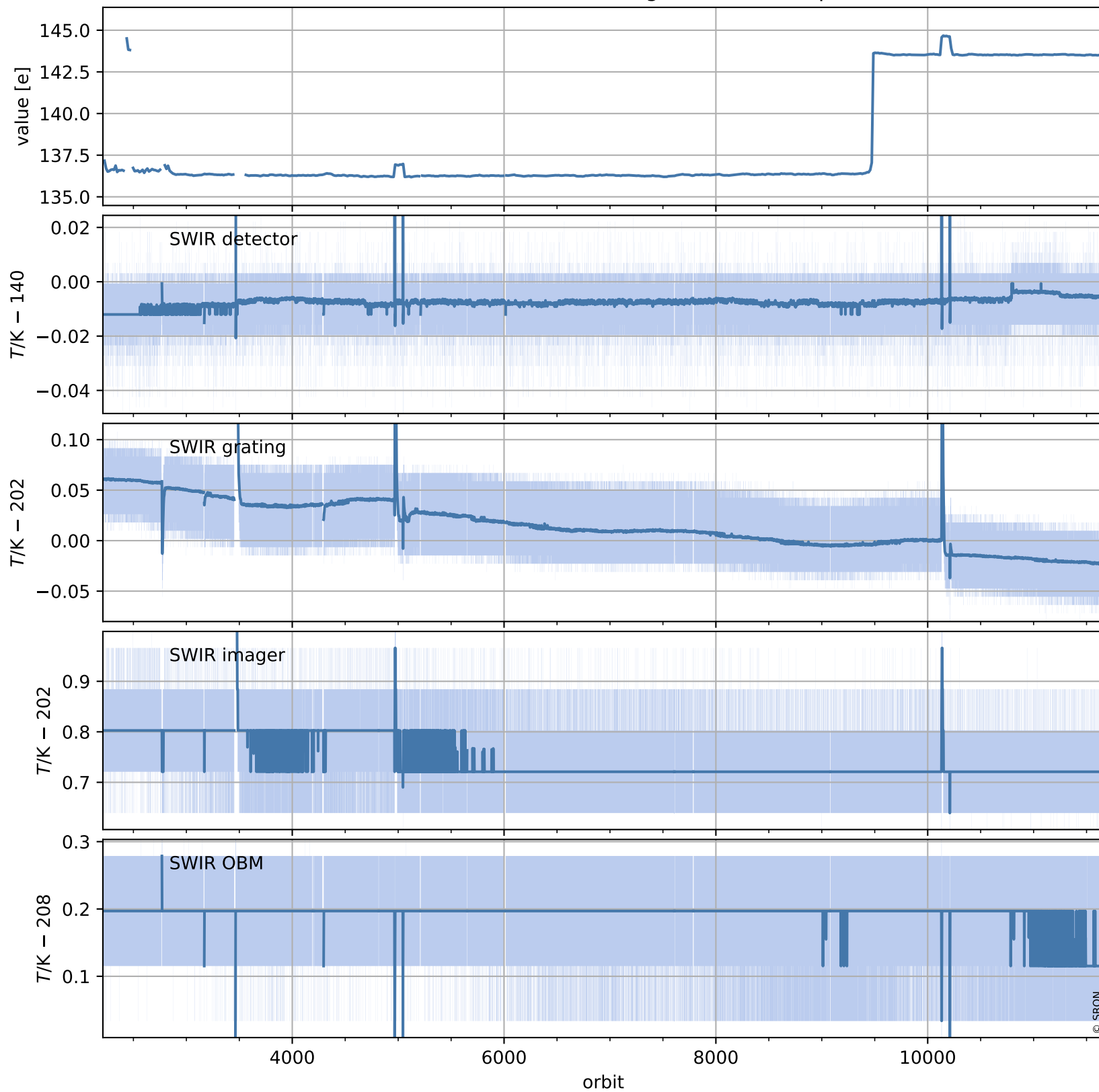
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11662]  
coverage : 2018-03-18 / 2020-01-13  
created : 2023-08-21T15:21:16

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11662]  
coverage : 2018-03-18 / 2020-01-13  
created : 2023-08-21T15:21:16

## trend of normalized read-noise & temperatures

