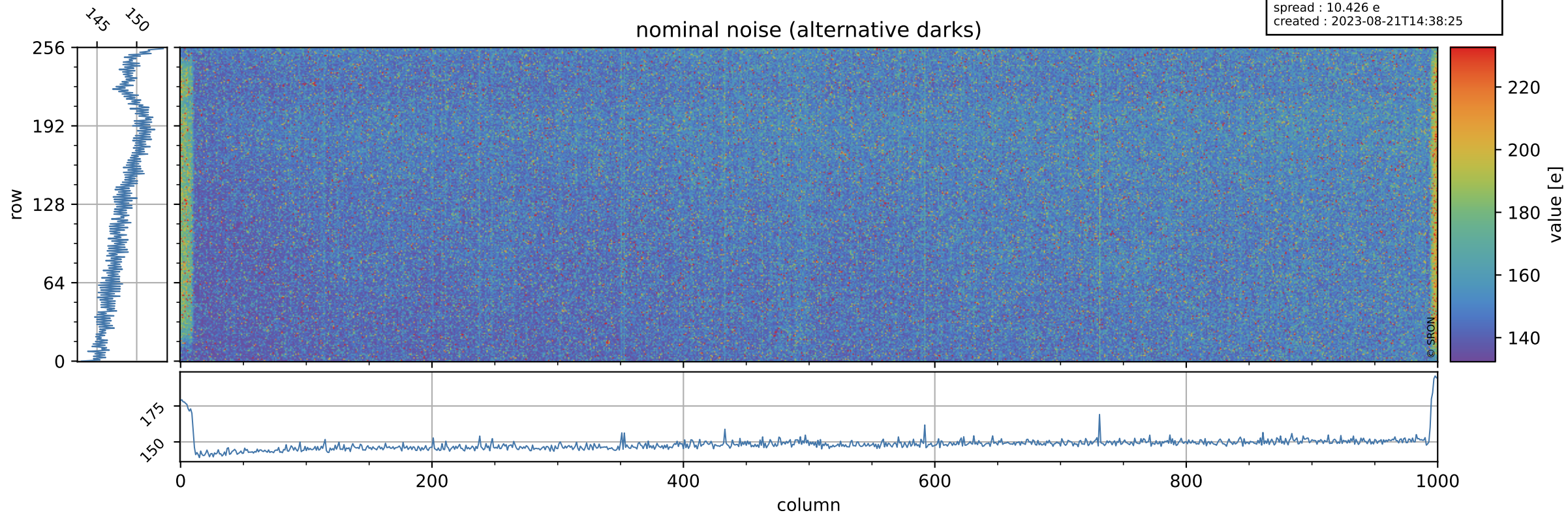


# Tropomi SWIR background noise (swir)

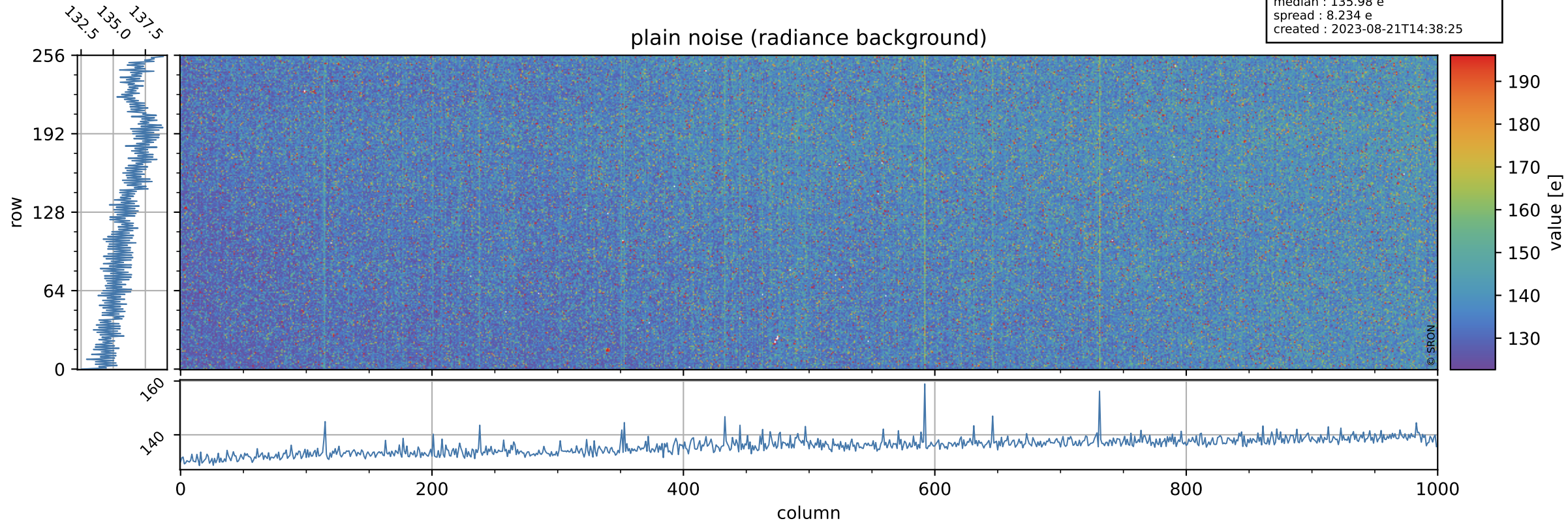
orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
n\_coad, t\_exp : 1, 1.0783  
median : 148.26 e  
spread : 10.426 e  
created : 2023-08-21T14:38:25



# Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
n\_coad, t\_exp : 2, 0.5383  
median : 135.98 e  
spread : 8.234 e  
created : 2023-08-21T14:38:25

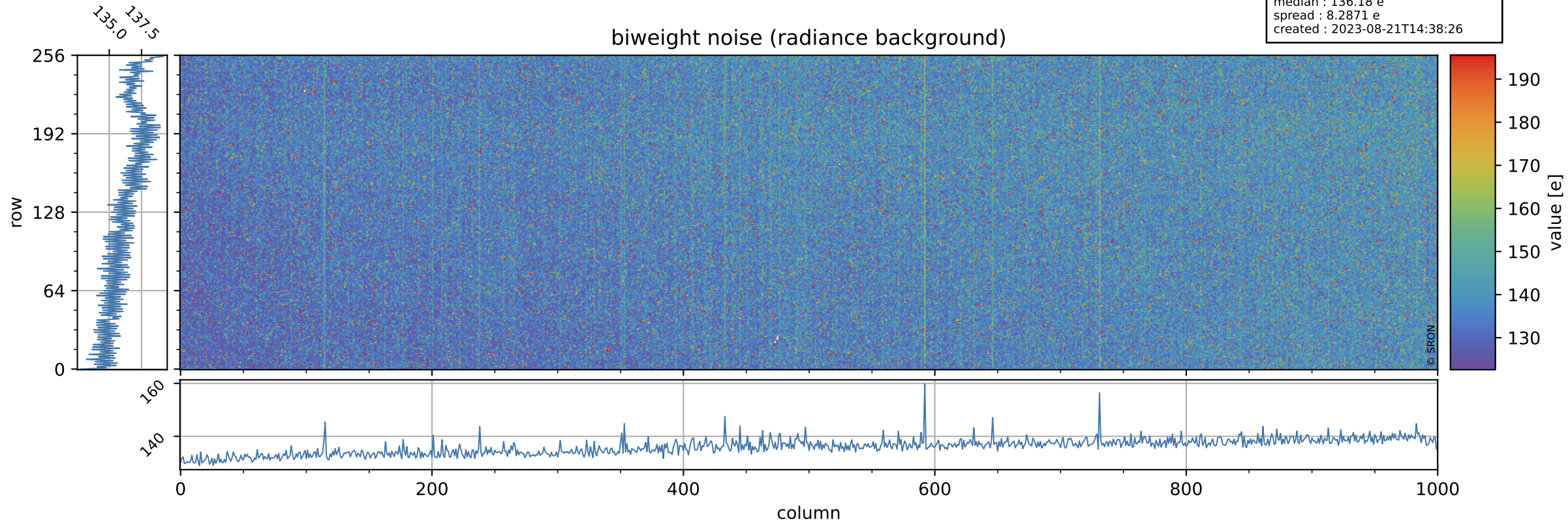
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.2871 e  
created : 2023-08-21T14:38:26

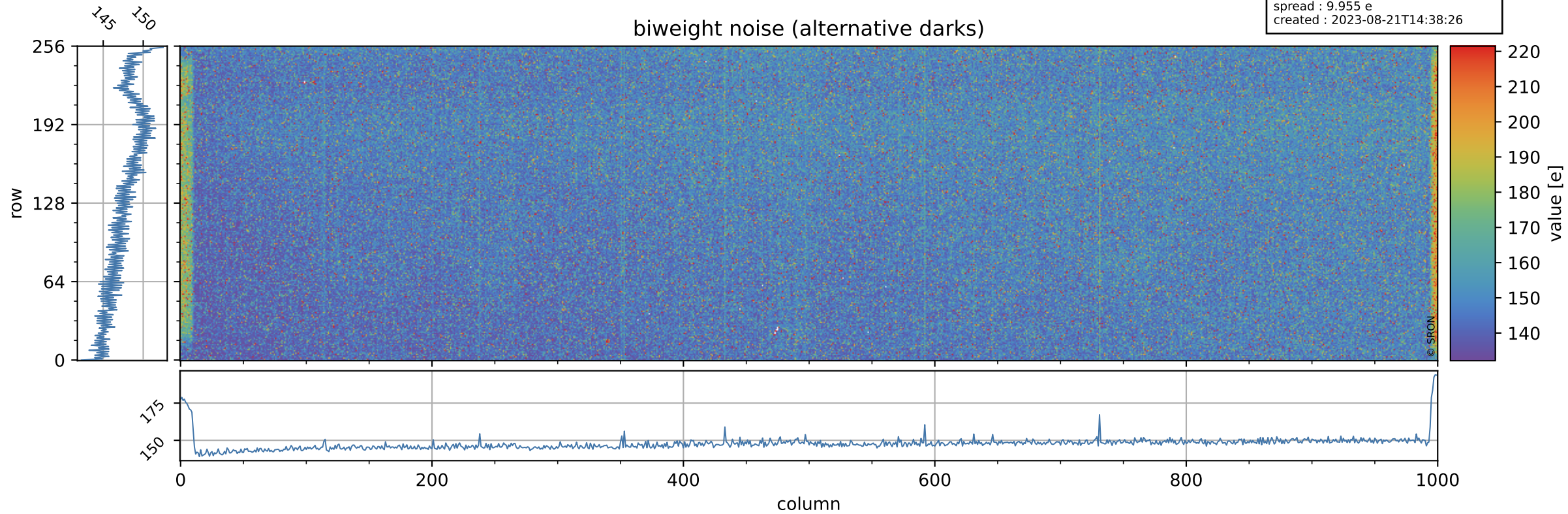
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
n\_coad, t\_exp : 1, 1.0783  
median : 147.56 e  
spread : 9.955 e  
created : 2023-08-21T14:38:26

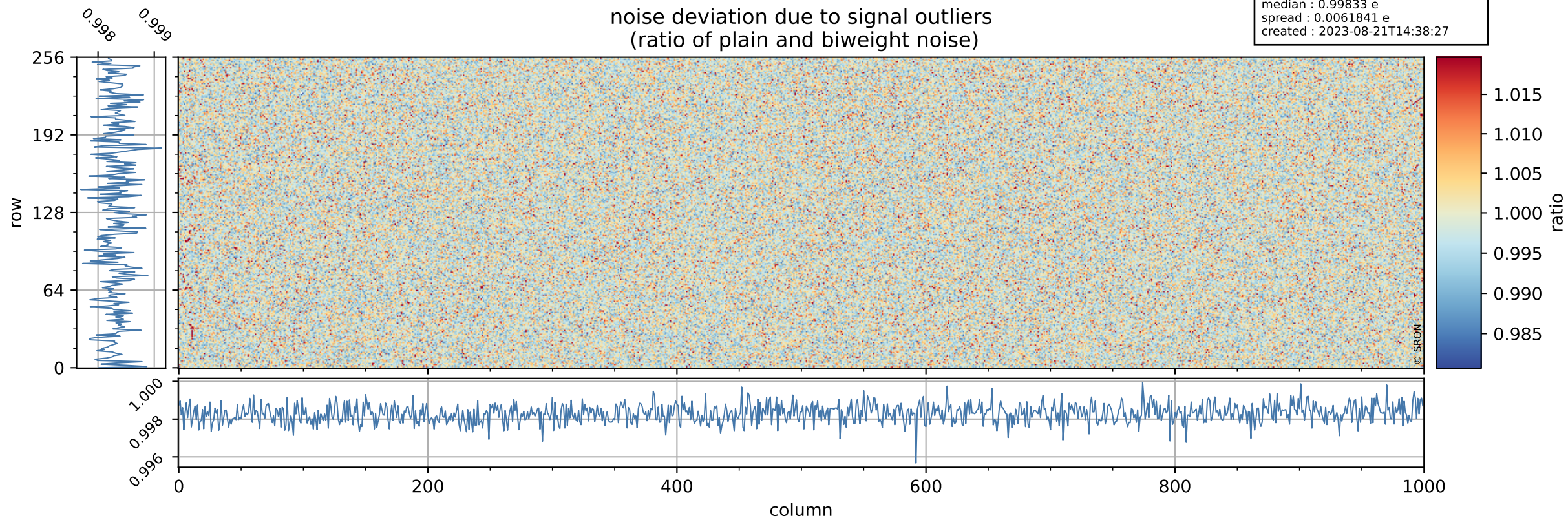
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

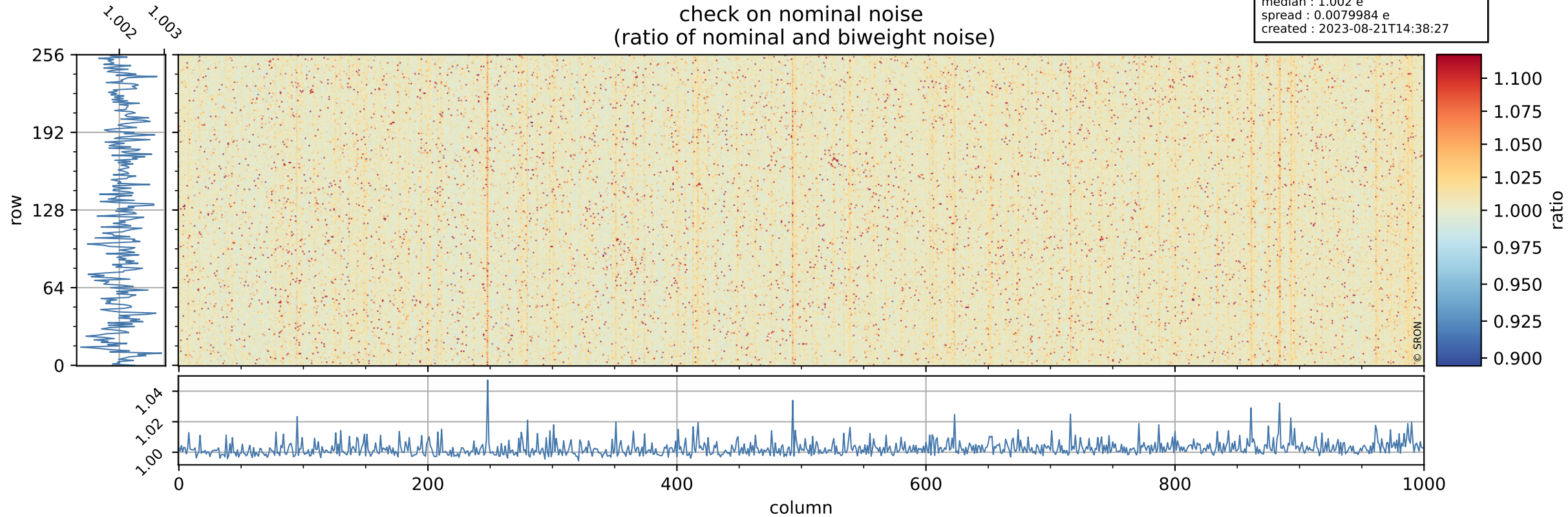
orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
median : 0.99833 e  
spread : 0.0061841 e  
created : 2023-08-21T14:38:27



# Tropomi SWIR background noise (swir)

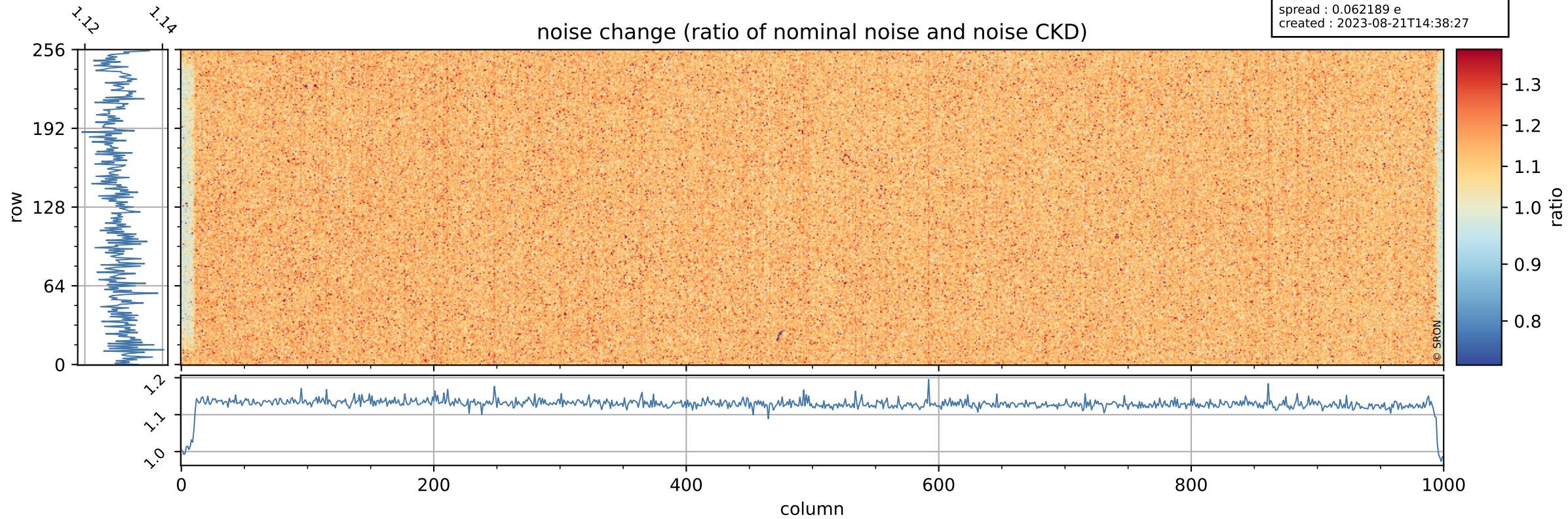
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
median : 1.002 e  
spread : 0.0079984 e  
created : 2023-08-21T14:38:27



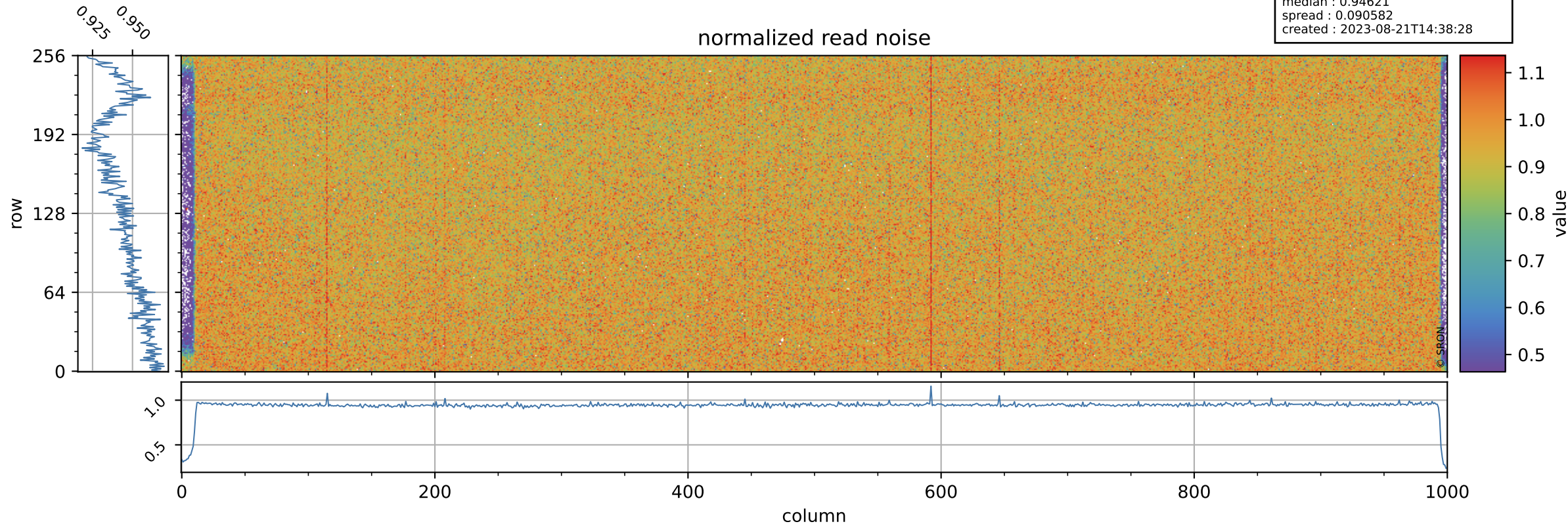
# Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
median : 1.1282 e  
spread : 0.062189 e  
created : 2023-08-21T14:38:27



# Tropomi SWIR background noise (swir)

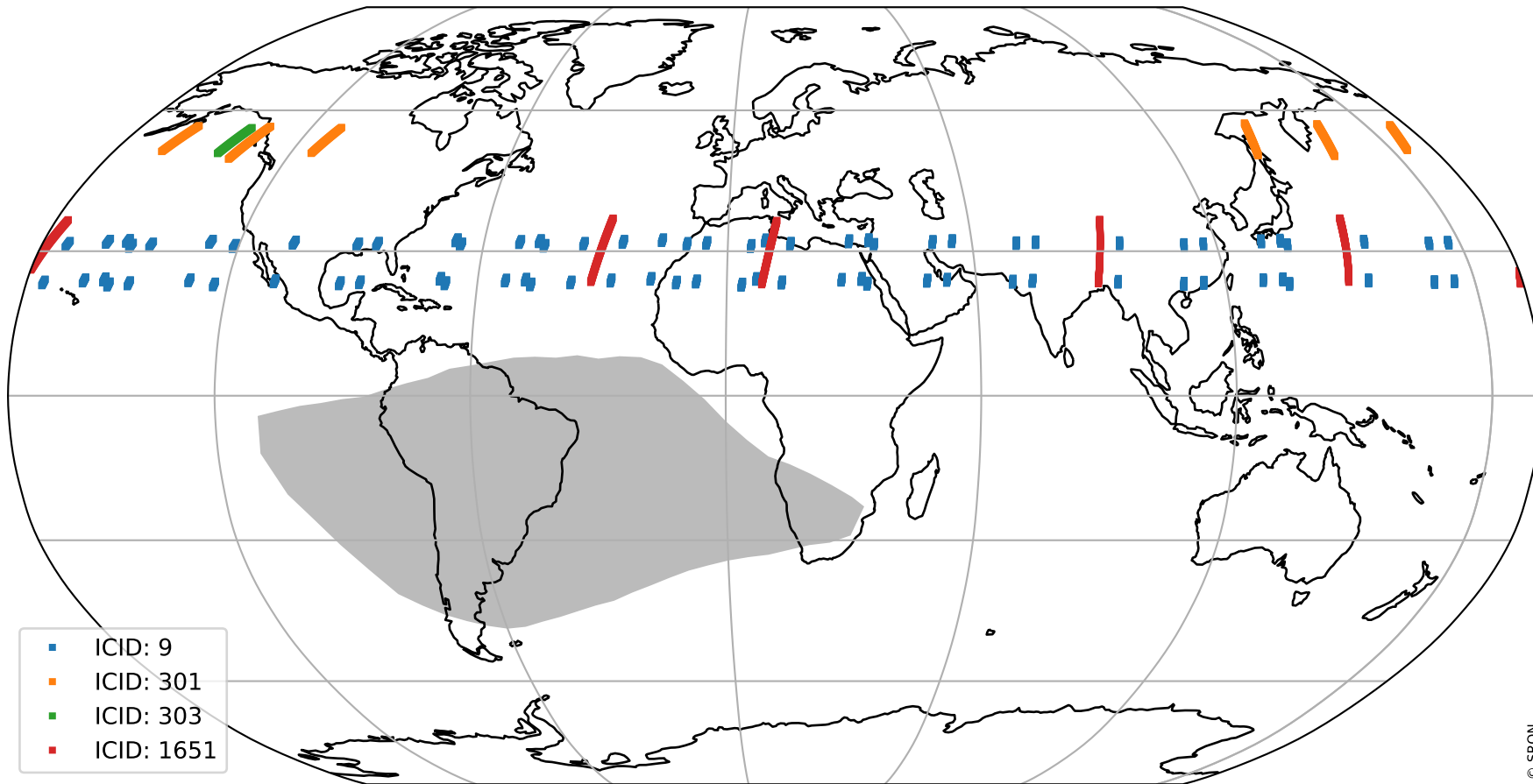
orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
median : 0.94621  
spread : 0.090582  
created : 2023-08-21T14:38:28





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

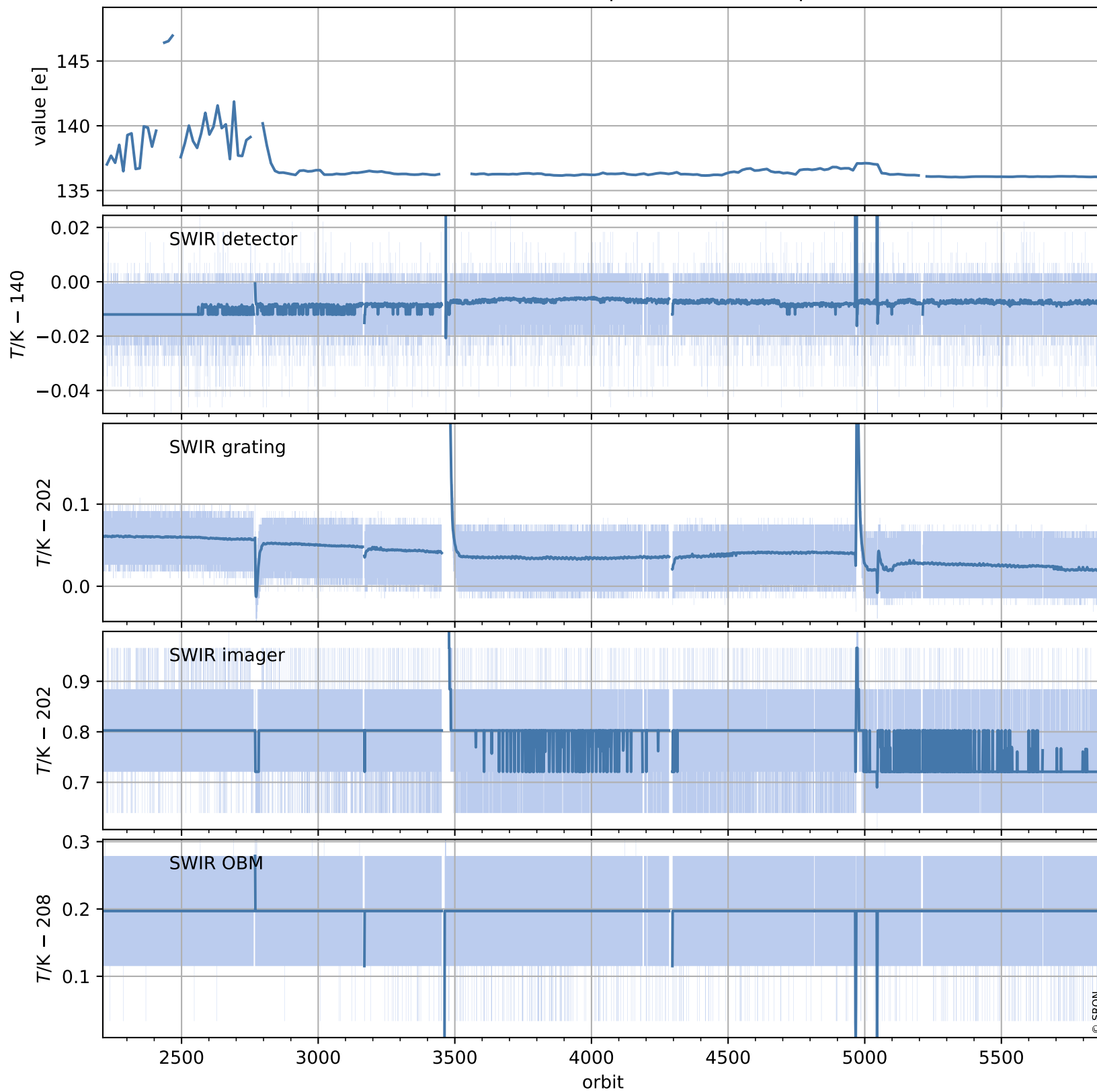
orbits : 12 in [5797, 5872]  
coverage : 2018-11-25 / 2018-11-30  
created : 2023-08-21T14:38:28



# Tropomi SWIR background noise (swir)

orbits : [2212, 5872]  
coverage : 2018-03-18 / 2018-11-30  
created : 2023-08-21T14:38:29

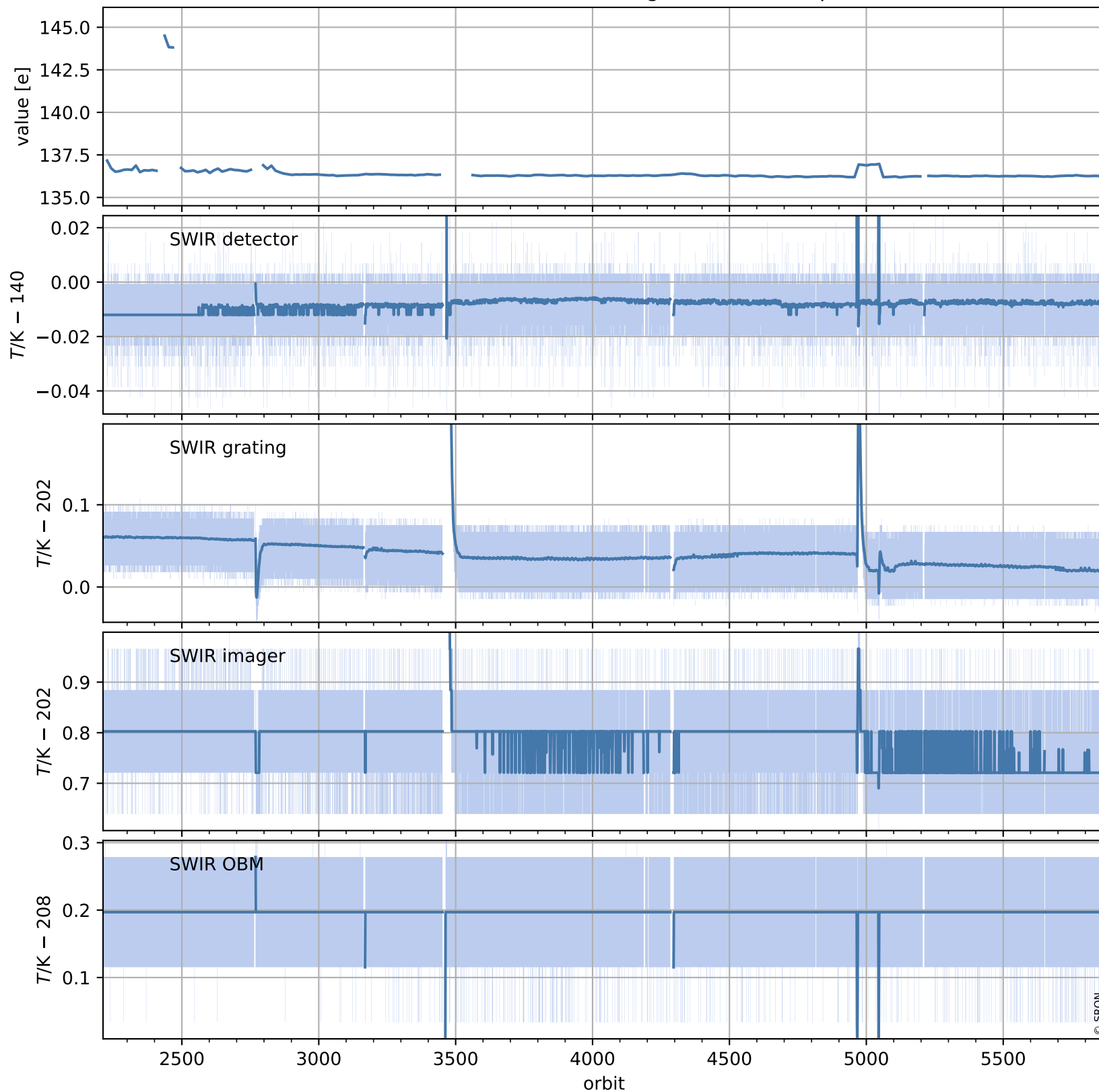
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5872]  
coverage : 2018-03-18 / 2018-11-30  
created : 2023-08-21T14:38:29

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5872]  
coverage : 2018-03-18 / 2018-11-30  
created : 2023-08-21T14:38:30

## trend of normalized read-noise & temperatures

