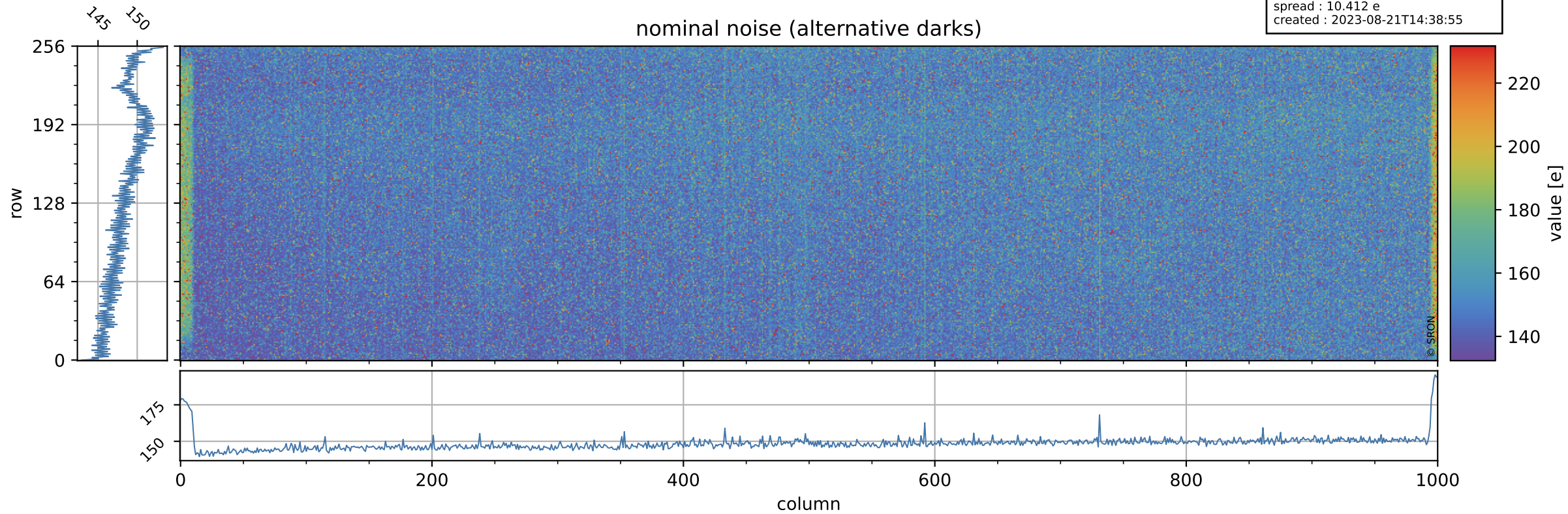


# Tropomi SWIR background noise (swir)

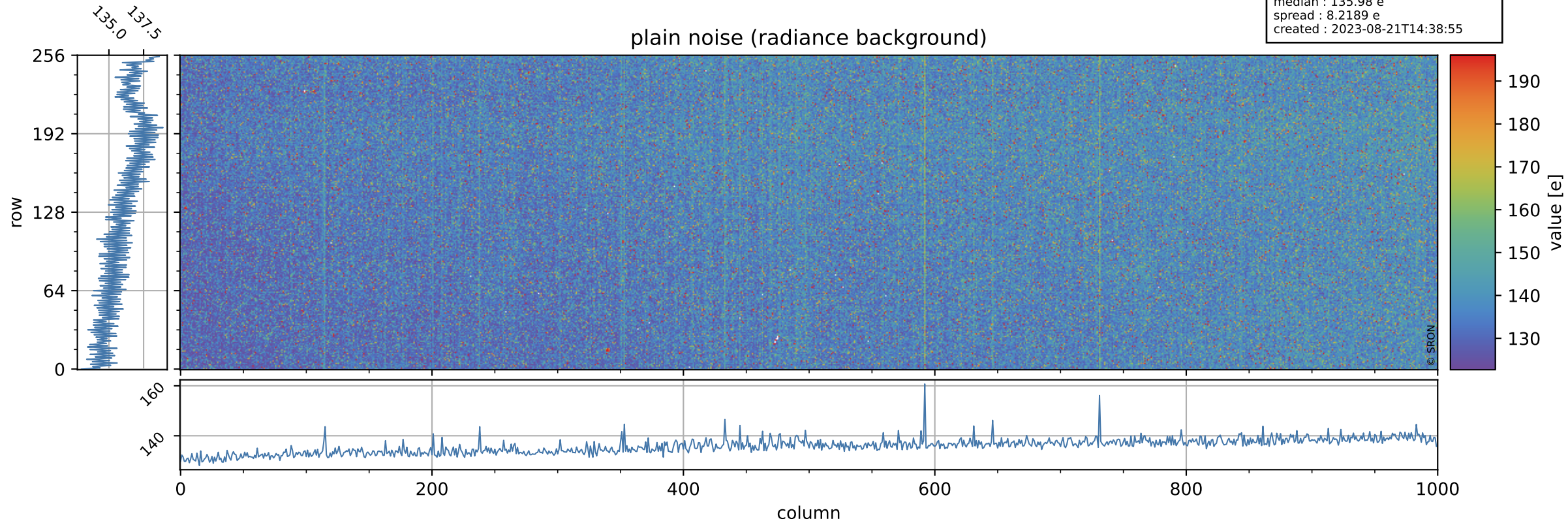
orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
n\_coad, t\_exp : 1, 1.0783  
median : 148.28 e  
spread : 10.412 e  
created : 2023-08-21T14:38:55



# Tropomi SWIR background noise (swir)

orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
n\_coad, t\_exp : 2, 0.5383  
median : 135.98 e  
spread : 8.2189 e  
created : 2023-08-21T14:38:55

## plain noise (radiance background)

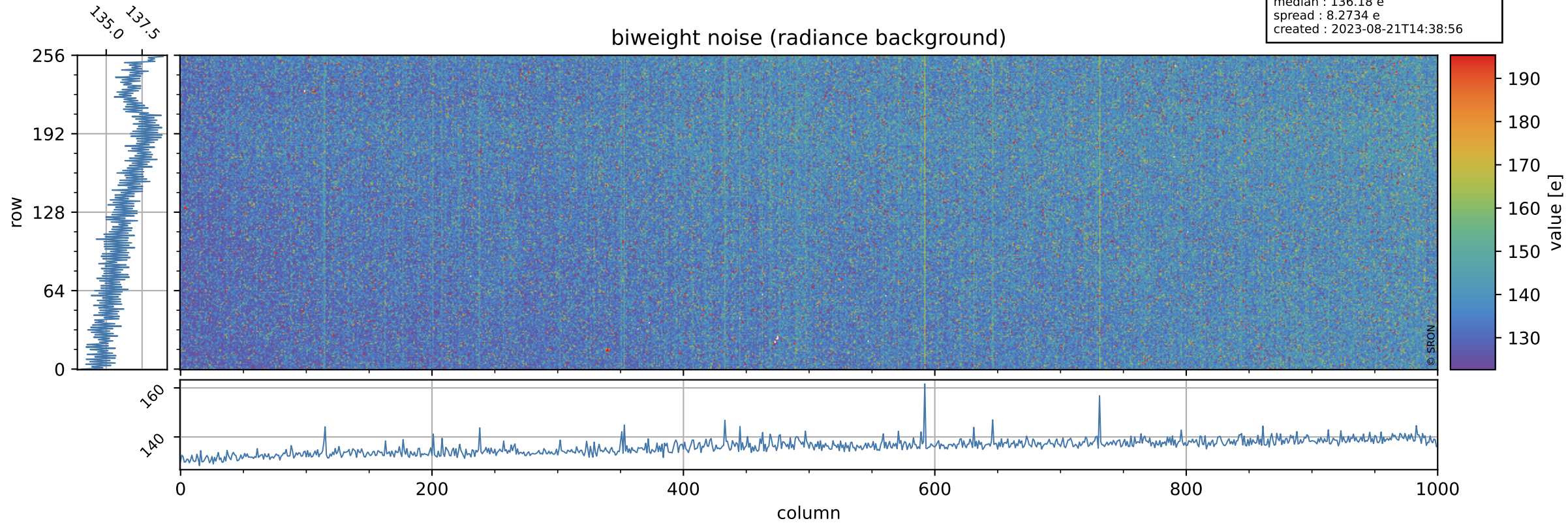




# Tropomi SWIR background noise (swir)

orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.2734 e  
created : 2023-08-21T14:38:56

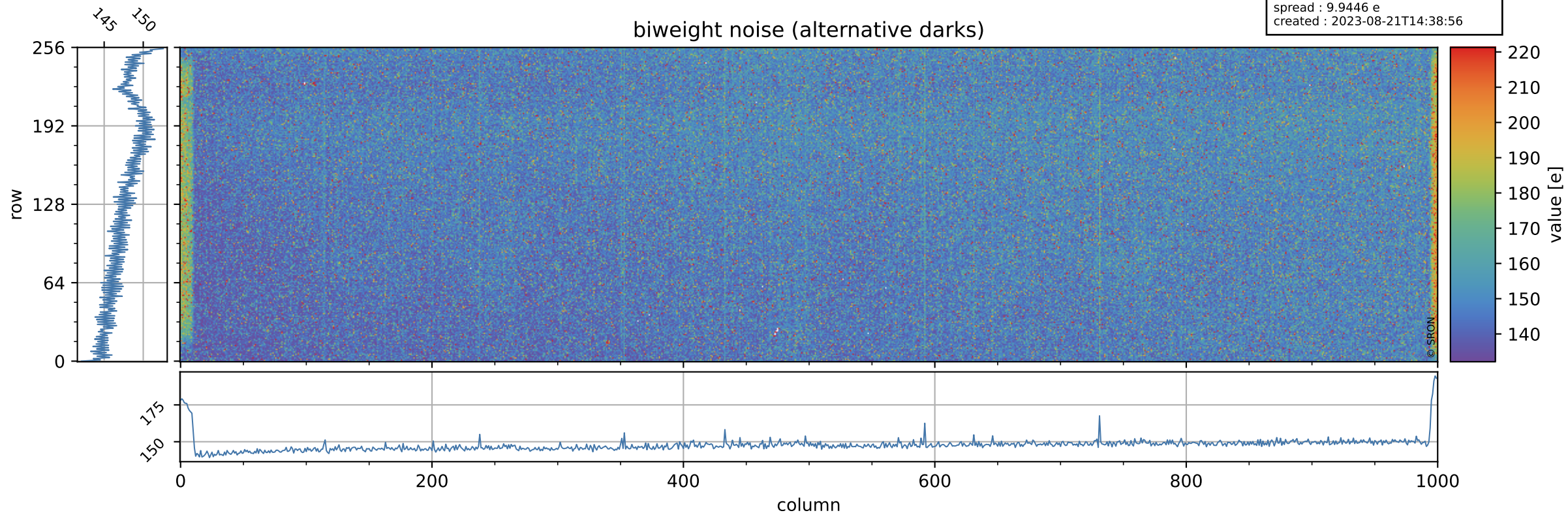
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 9.9446 e  
created : 2023-08-21T14:38:56

## biweight noise (alternative darks)

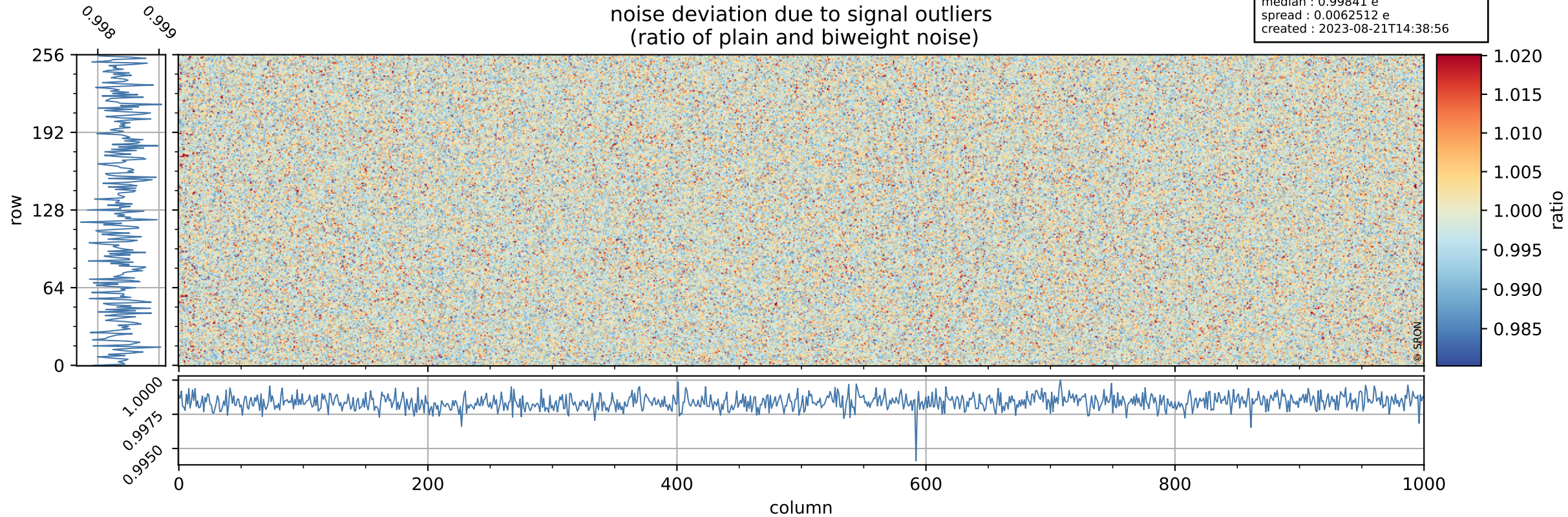




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
median : 0.99841 e  
spread : 0.0062512 e  
created : 2023-08-21T14:38:56

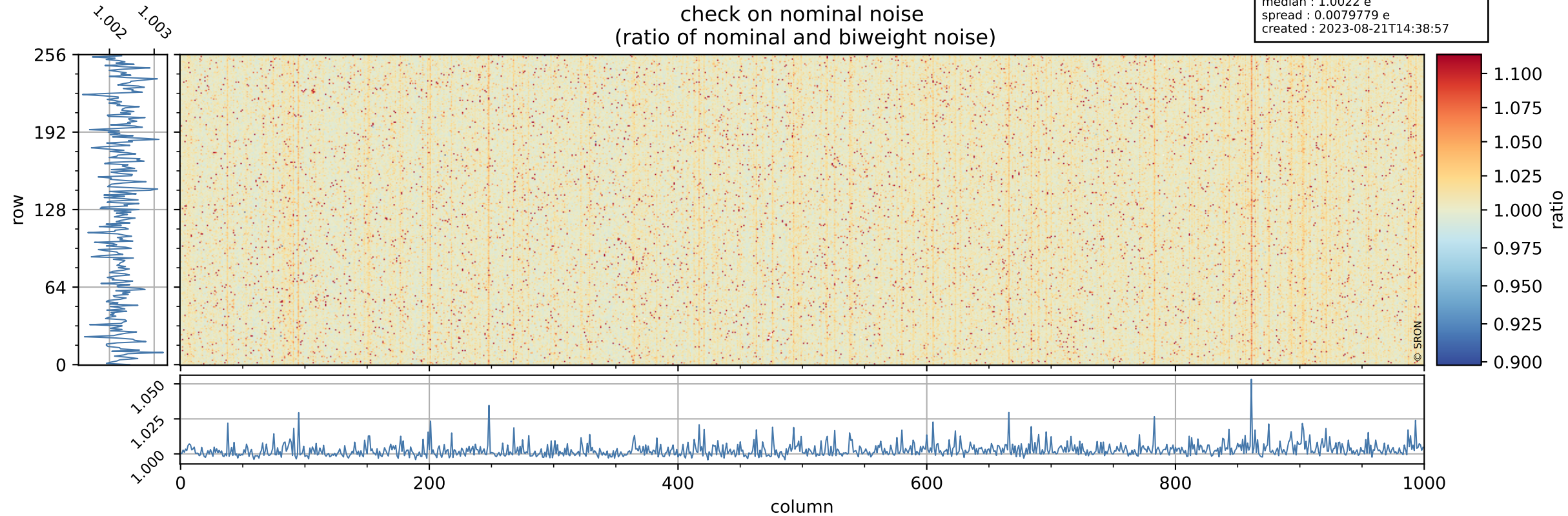




# Tropomi SWIR background noise (swir)

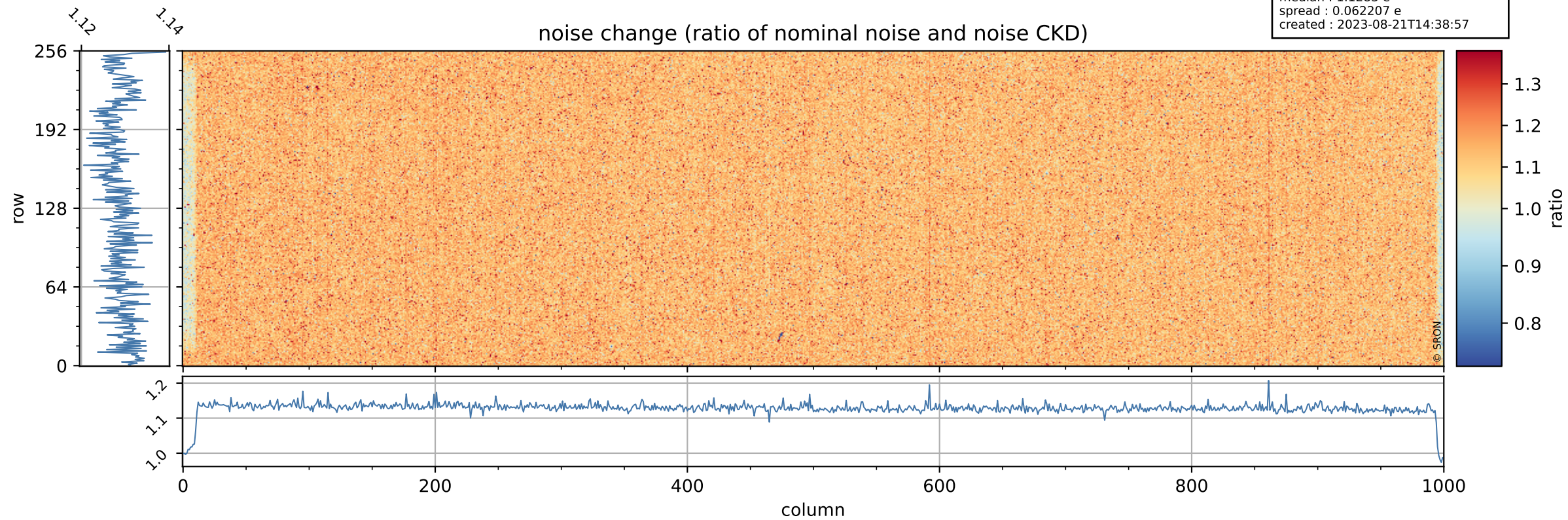
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
median : 1.0022 e  
spread : 0.0079779 e  
created : 2023-08-21T14:38:57



# Tropomi SWIR background noise (swir)

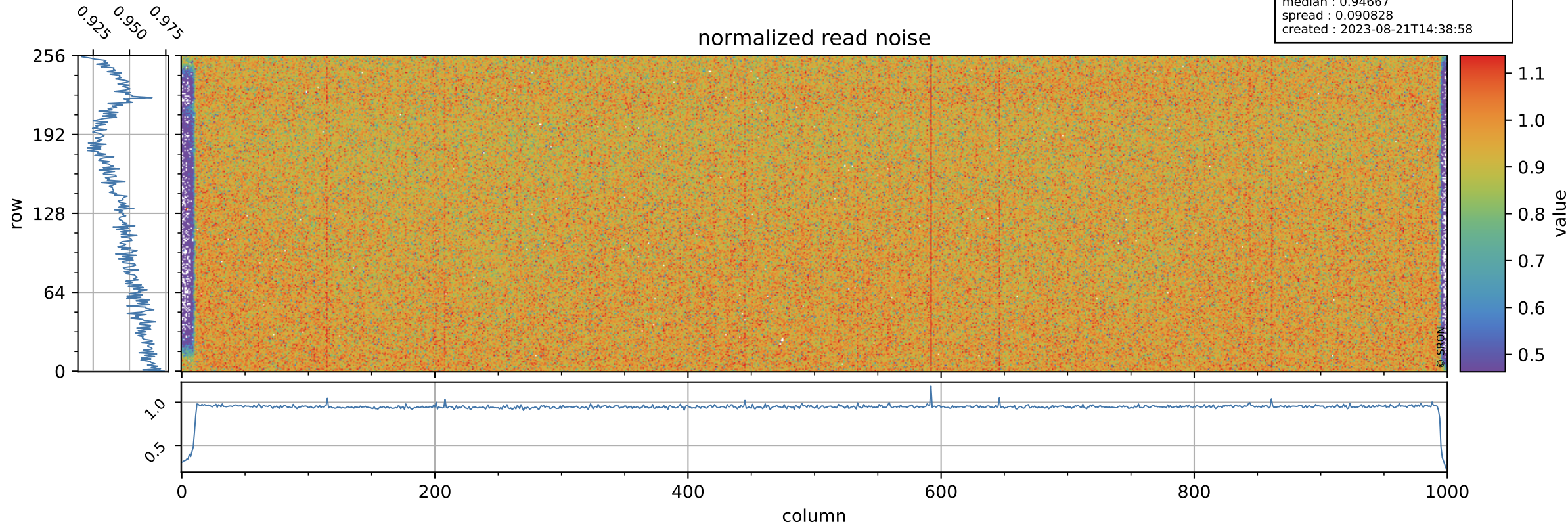
orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
median : 1.1283 e  
spread : 0.062207 e  
created : 2023-08-21T14:38:57





# Tropomi SWIR background noise (swir)

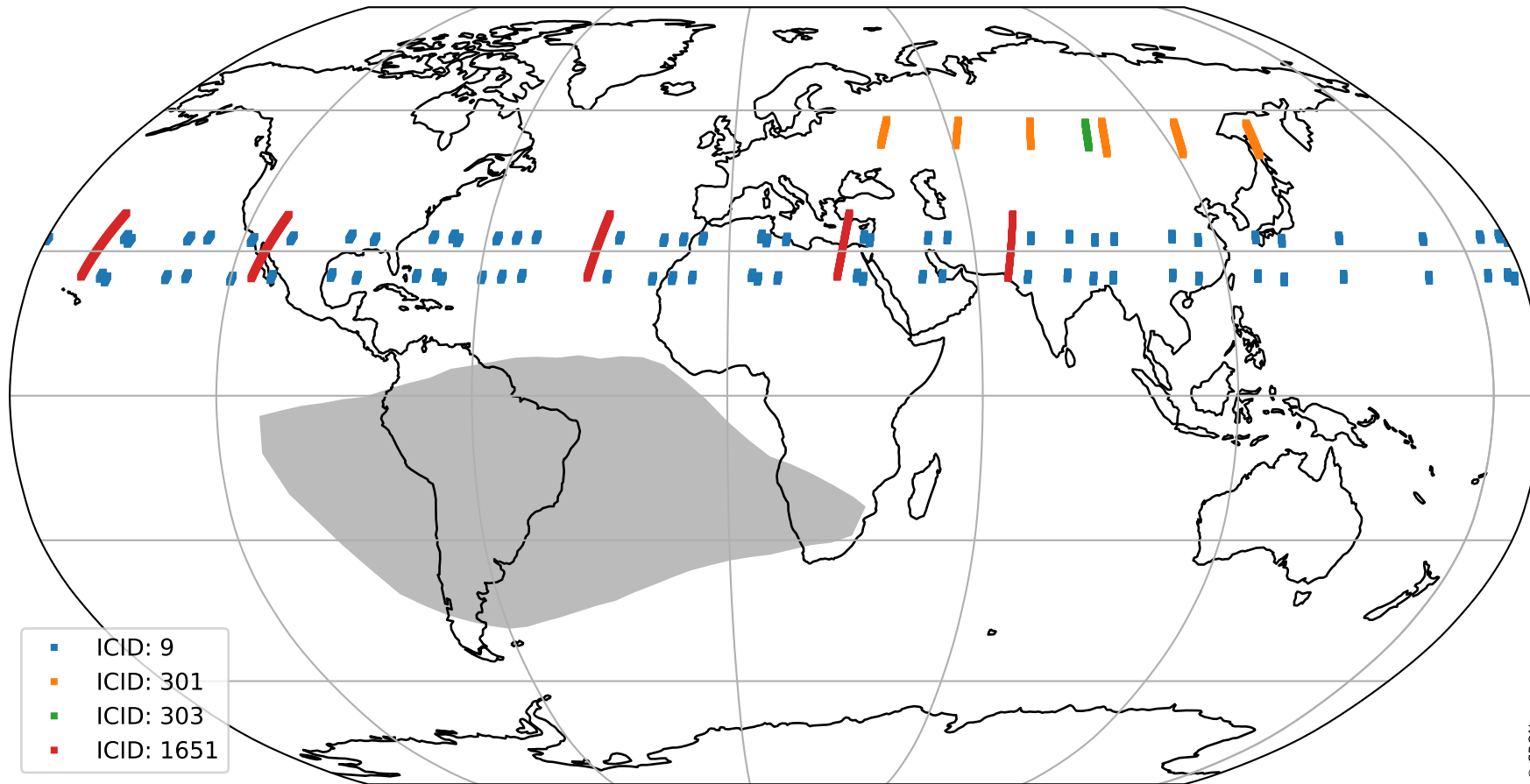
orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
median : 0.94667  
spread : 0.090828  
created : 2023-08-21T14:38:58





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

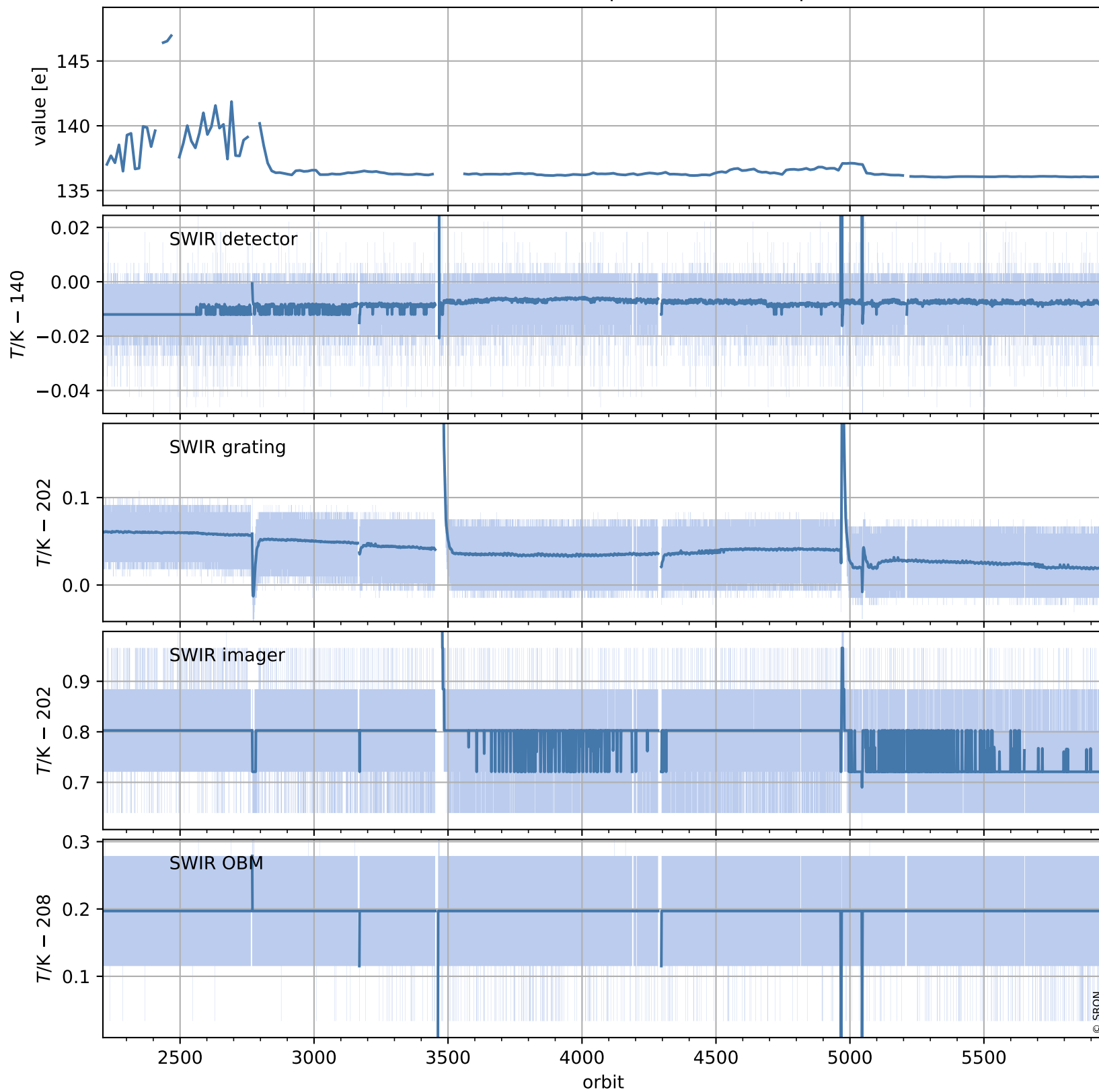
orbits : 12 in [5872, 5947]  
coverage : 2018-11-30 / 2018-12-05  
created : 2023-08-21T14:38:58



# Tropomi SWIR background noise (swir)

orbits : [2212, 5947]  
coverage : 2018-03-18 / 2018-12-05  
created : 2023-08-21T14:38:59

## trend of detector median of plain noise & temperatures

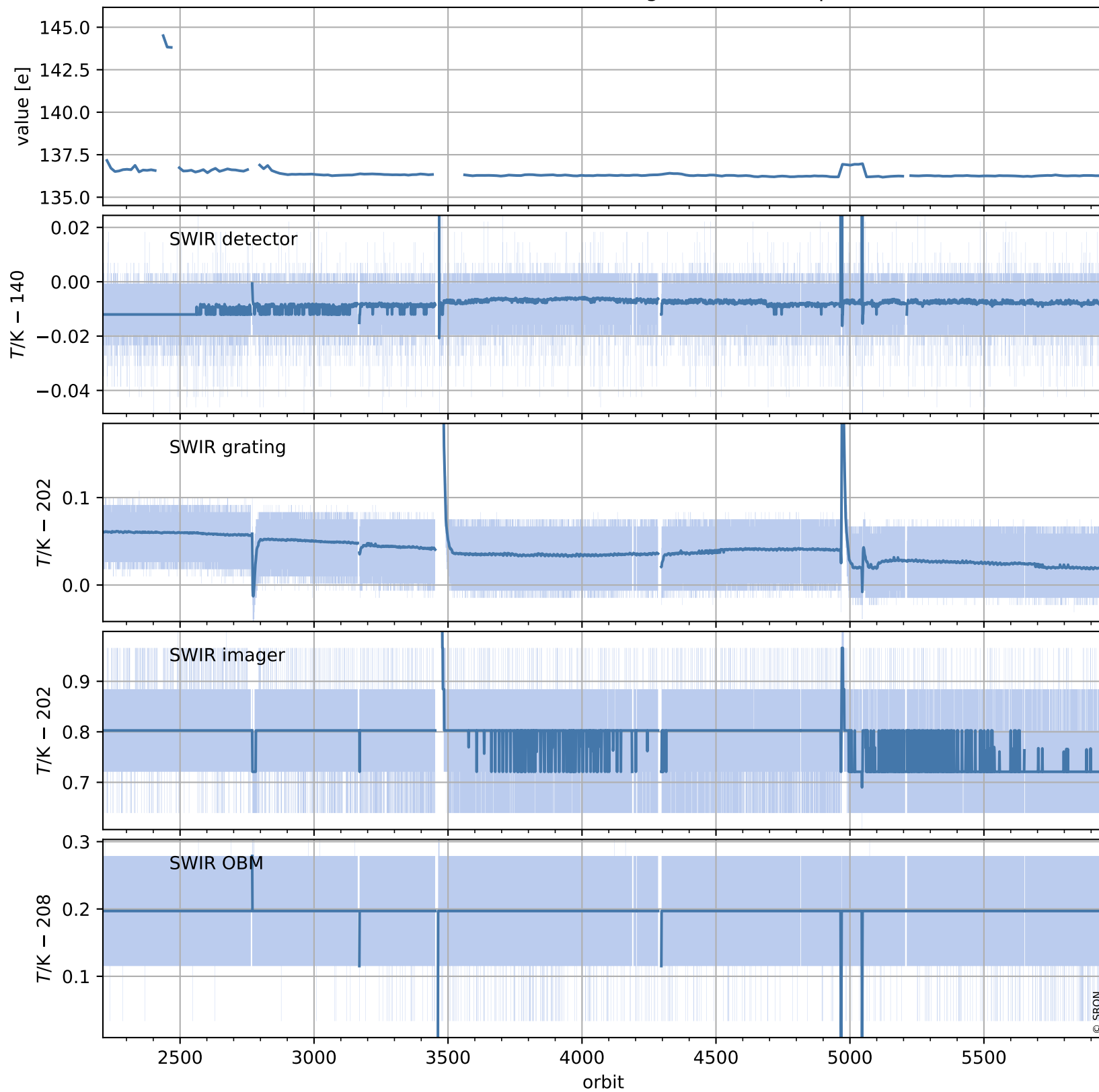




# Tropomi SWIR background noise (swir)

orbits : [2212, 5947]  
coverage : 2018-03-18 / 2018-12-05  
created : 2023-08-21T14:38:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5947]  
coverage : 2018-03-18 / 2018-12-05  
created : 2023-08-21T14:39:00

## trend of normalized read-noise & temperatures

