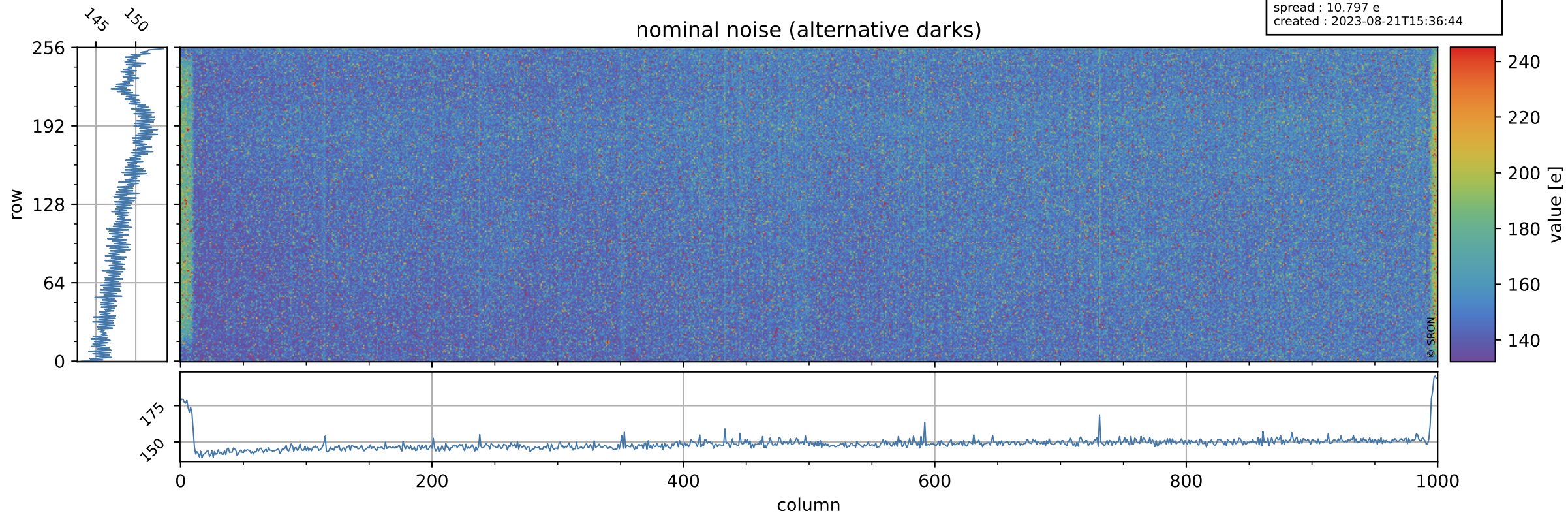


# Tropomi SWIR background noise (swir)

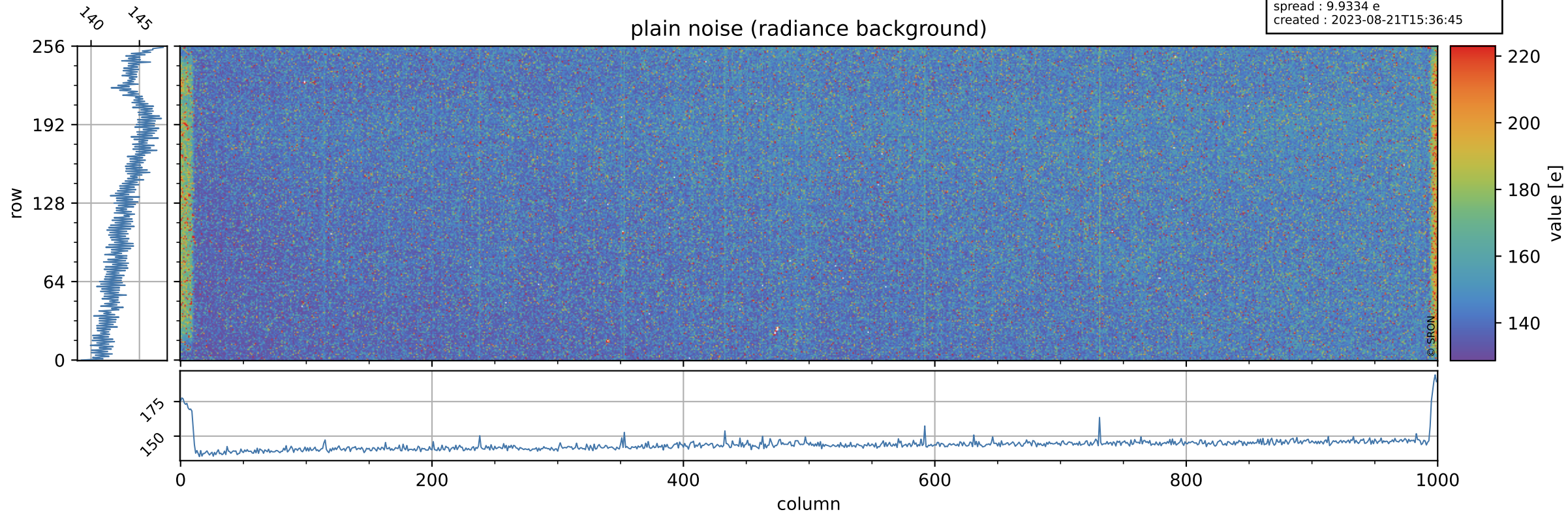
orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
n\_coad, t\_exp : 1, 1.0783  
median : 148.49 e  
spread : 10.797 e  
created : 2023-08-21T15:36:44



# Tropomi SWIR background noise (swir)

orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.56 e  
spread : 9.9334 e  
created : 2023-08-21T15:36:45

plain noise (radiance background)

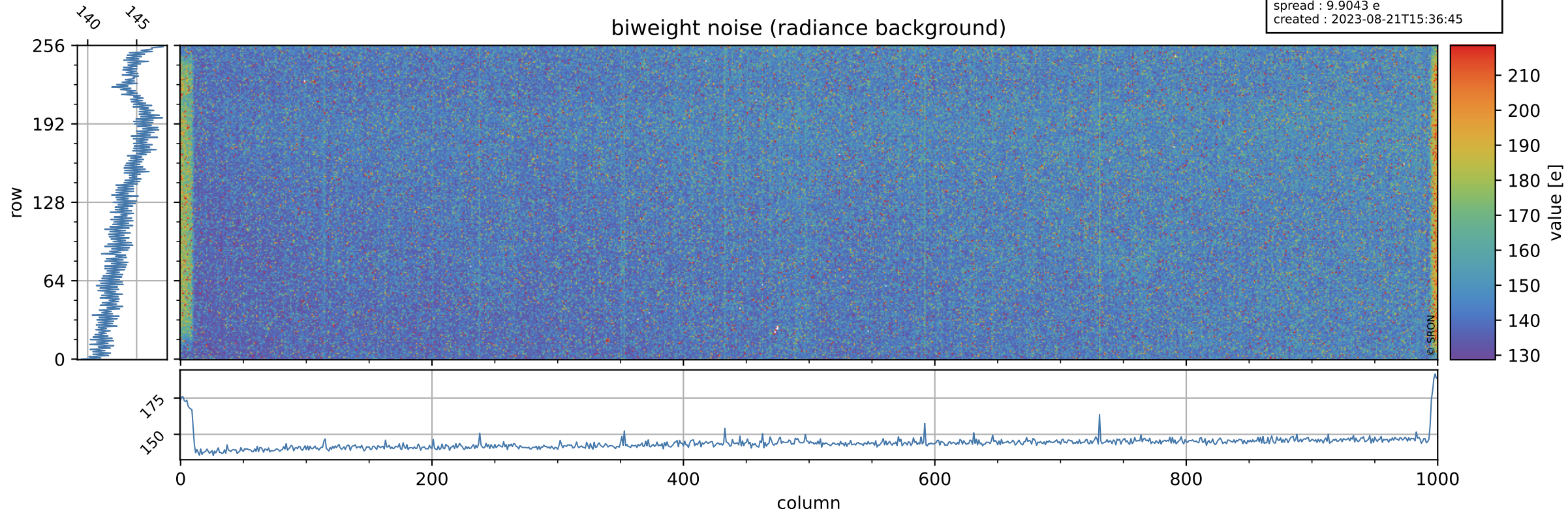




# Tropomi SWIR background noise (swir)

orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.9043 e  
created : 2023-08-21T15:36:45

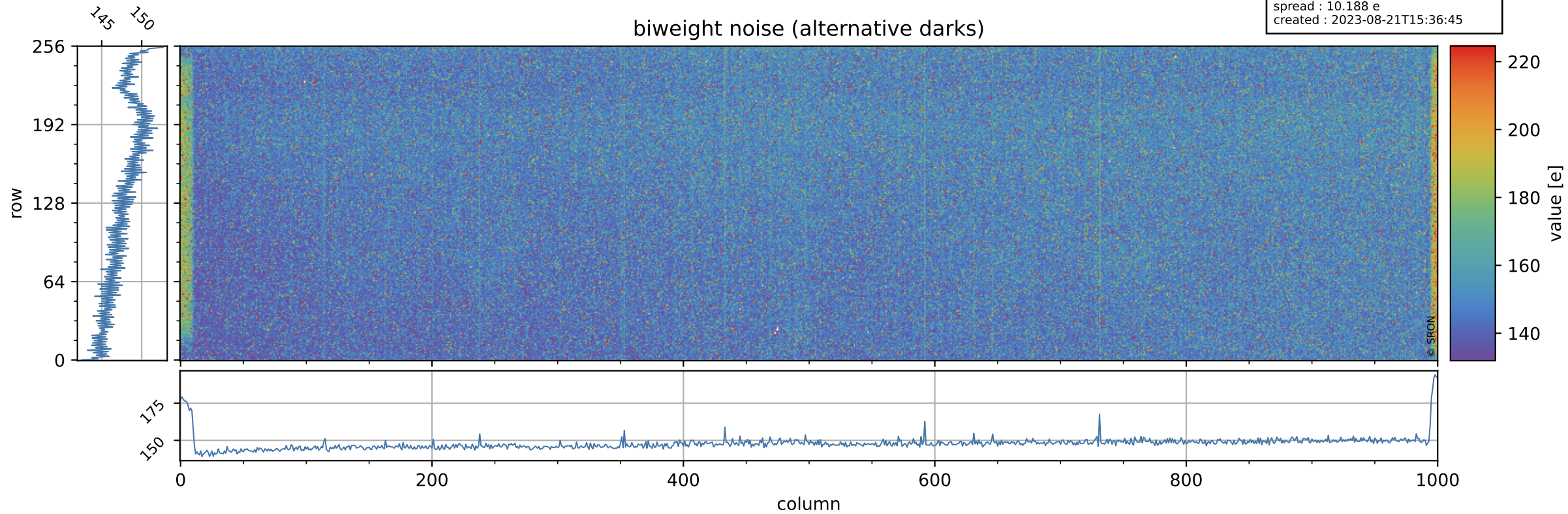
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
n\_coad, t\_exp : 1, 1.0783  
median : 147.65 e  
spread : 10.188 e  
created : 2023-08-21T15:36:45

## biweight noise (alternative darks)

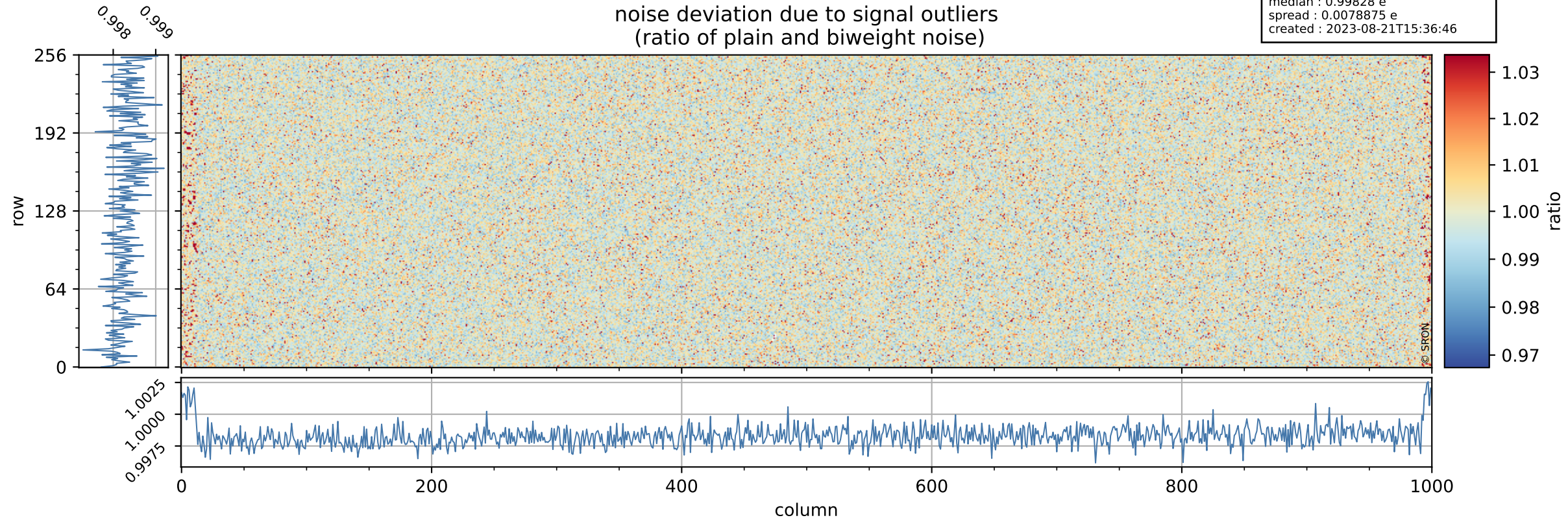




# Tropomi SWIR background noise (swir)

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

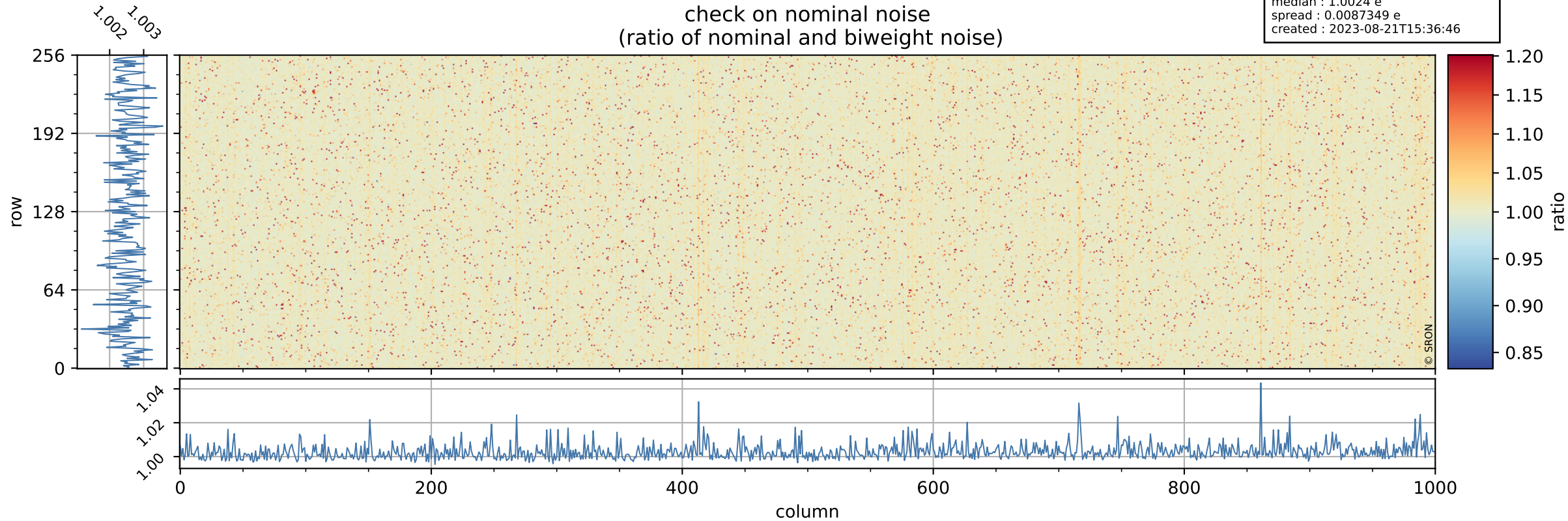
orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
median : 0.99828 e  
spread : 0.0078875 e  
created : 2023-08-21T15:36:46



# Tropomi SWIR background noise (swir)

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

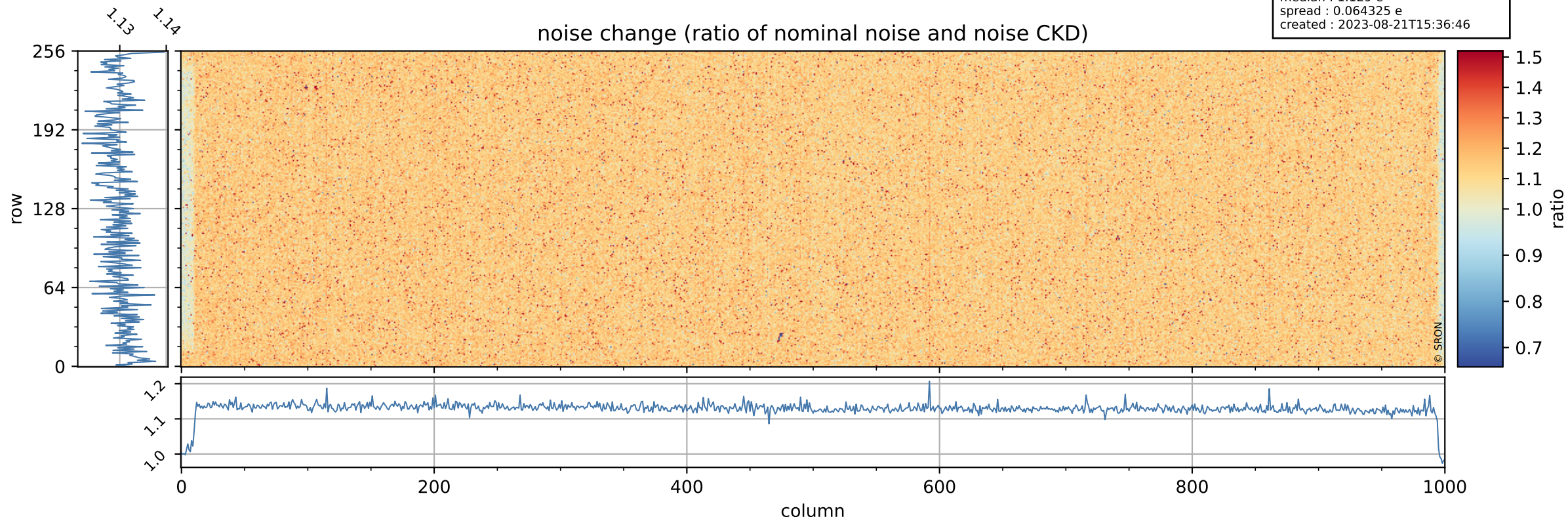
orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
median : 1.0024 e  
spread : 0.0087349 e  
created : 2023-08-21T15:36:46





# Tropomi SWIR background noise (swir)

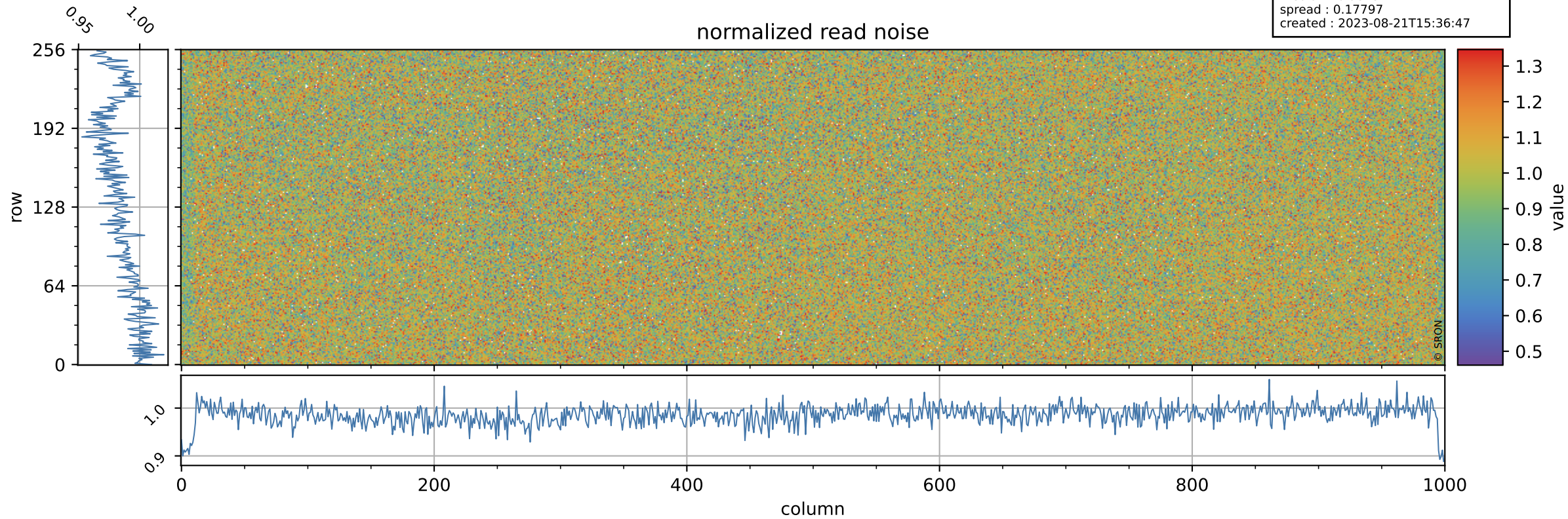
orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
median : 1.129 e  
spread : 0.064325 e  
created : 2023-08-21T15:36:46





# Tropomi SWIR background noise (swir)

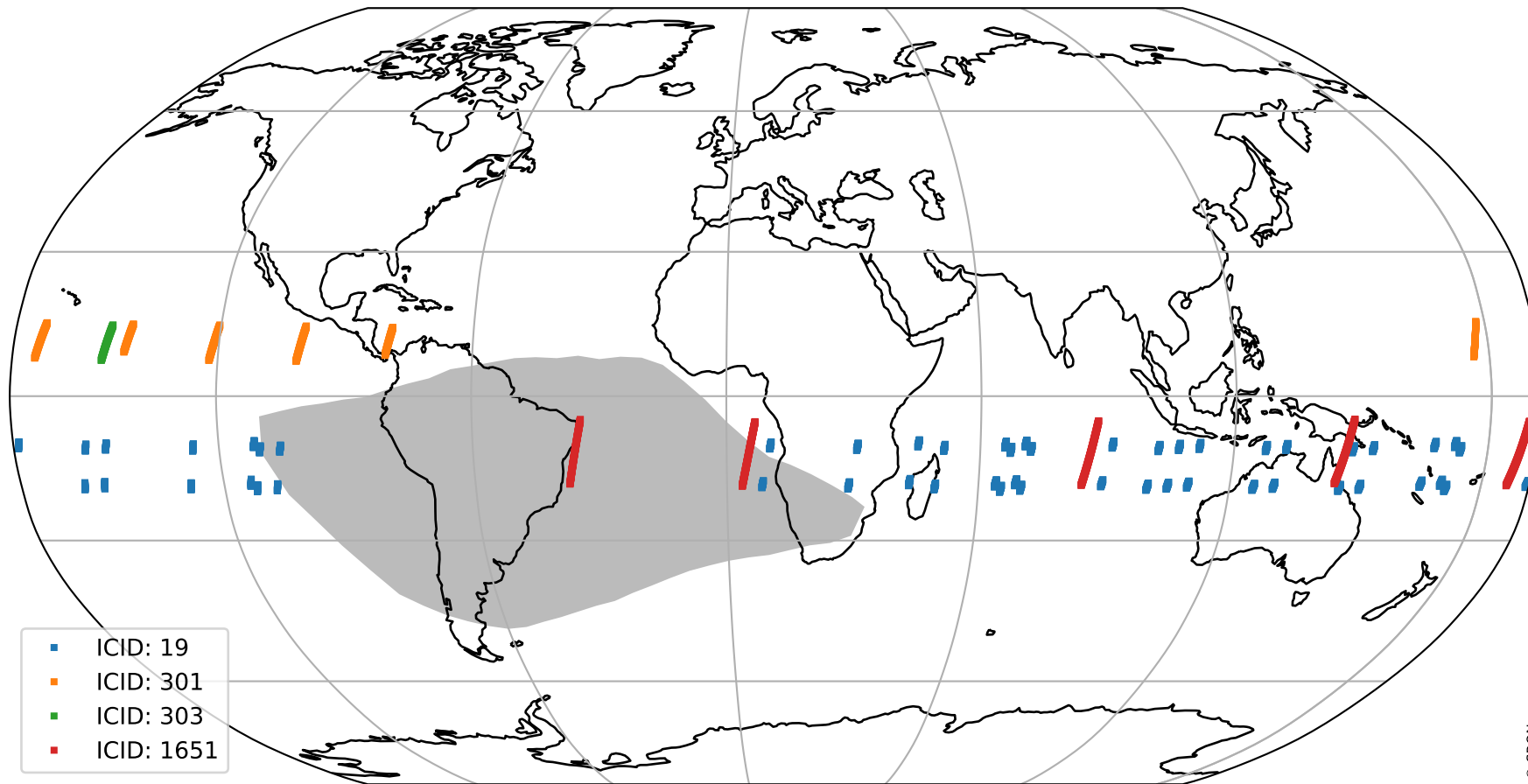
orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
median : 0.98437  
spread : 0.17797  
created : 2023-08-21T15:36:47





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

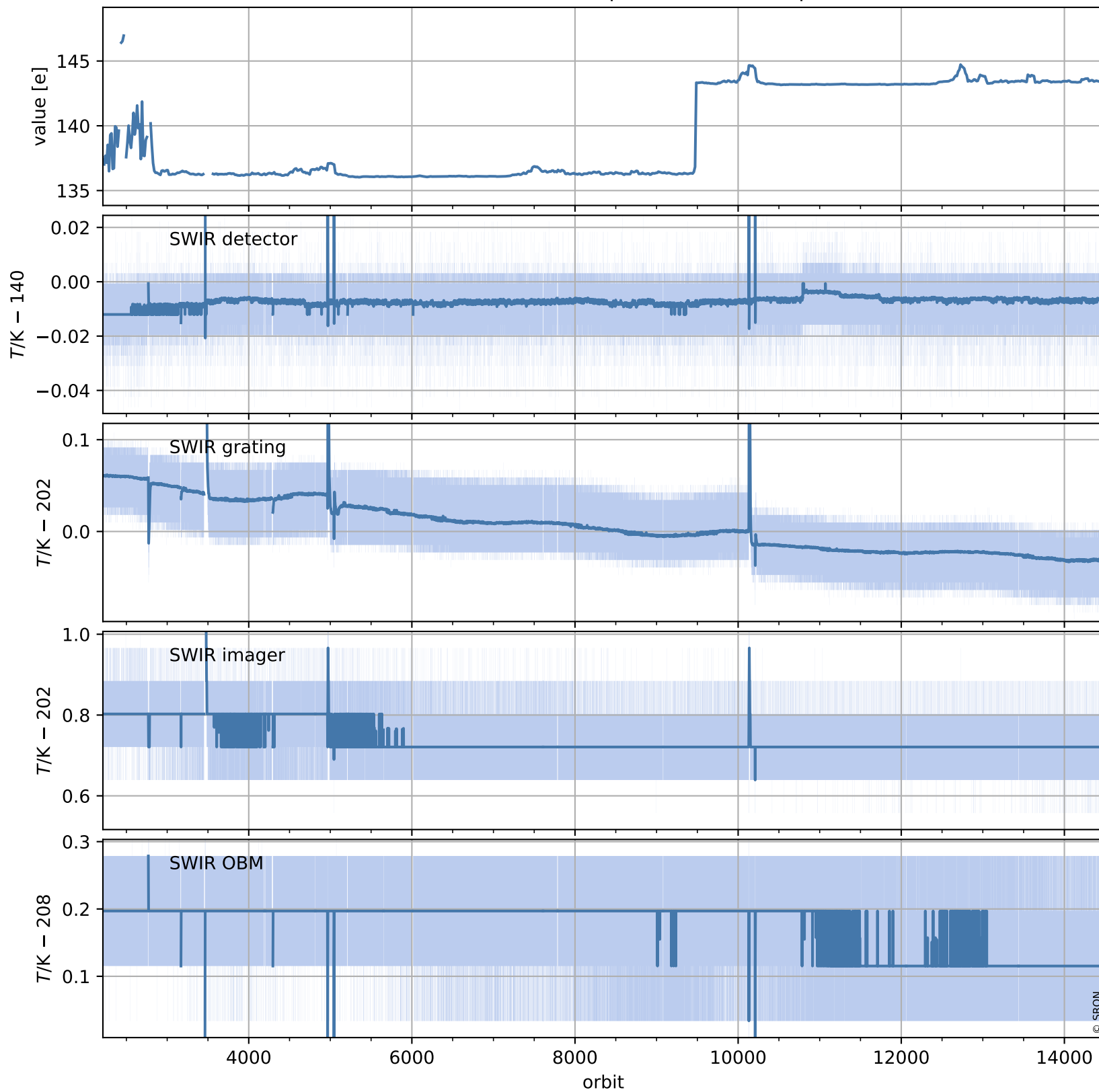
orbits : 12 in [14392, 14482]  
coverage : 2020-07-24 / 2020-07-29  
created : 2023-08-21T15:36:47



# Tropomi SWIR background noise (swir)

orbits : [2212, 14482]  
coverage : 2018-03-18 / 2020-07-29  
created : 2023-08-21T15:36:47

## trend of detector median of plain noise & temperatures

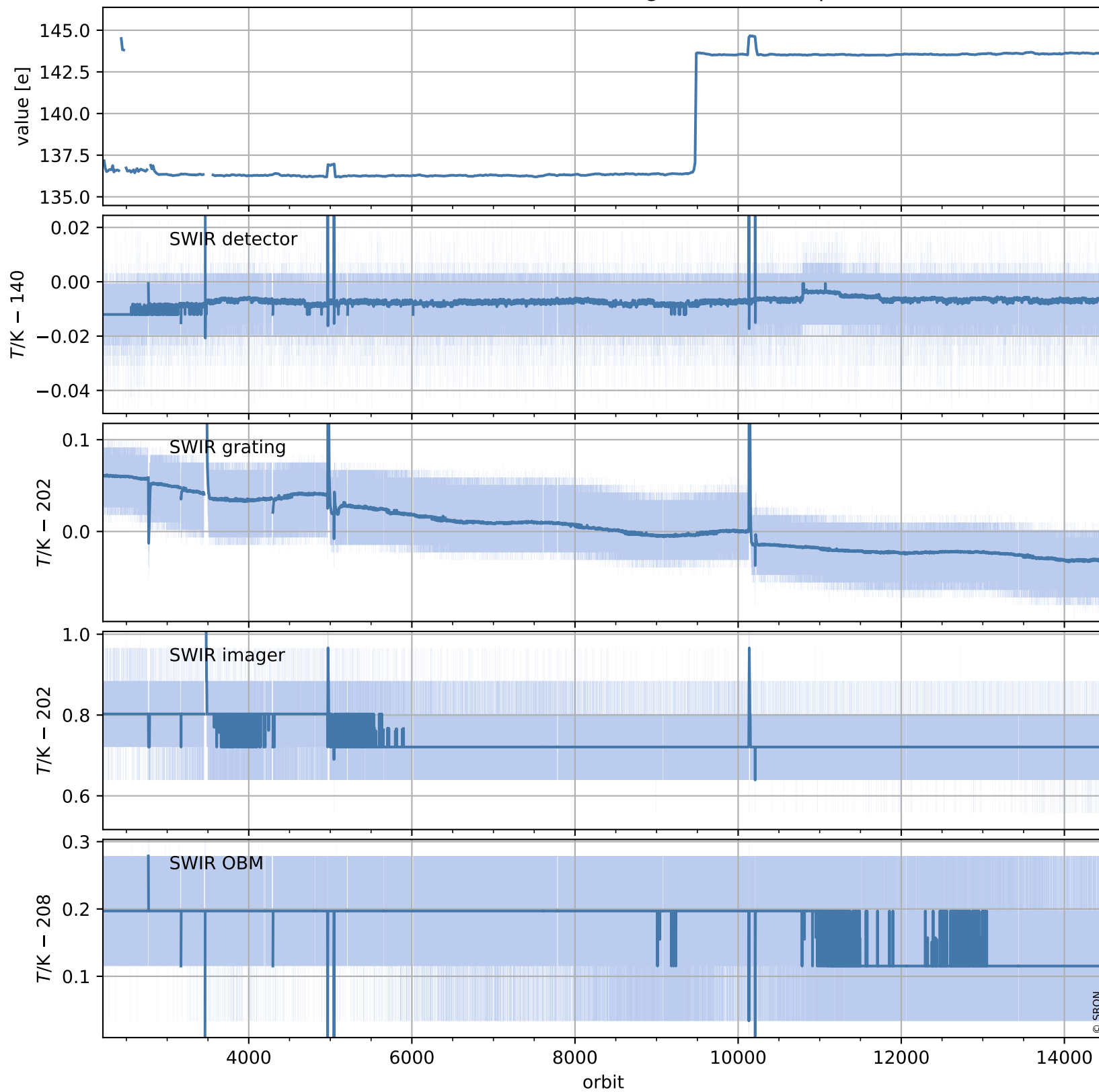




# Tropomi SWIR background noise (swir)

orbits : [2212, 14482]  
coverage : 2018-03-18 / 2020-07-29  
created : 2023-08-21T15:36:48

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14482]  
coverage : 2018-03-18 / 2020-07-29  
created : 2023-08-21T15:36:48

## trend of normalized read-noise & temperatures

