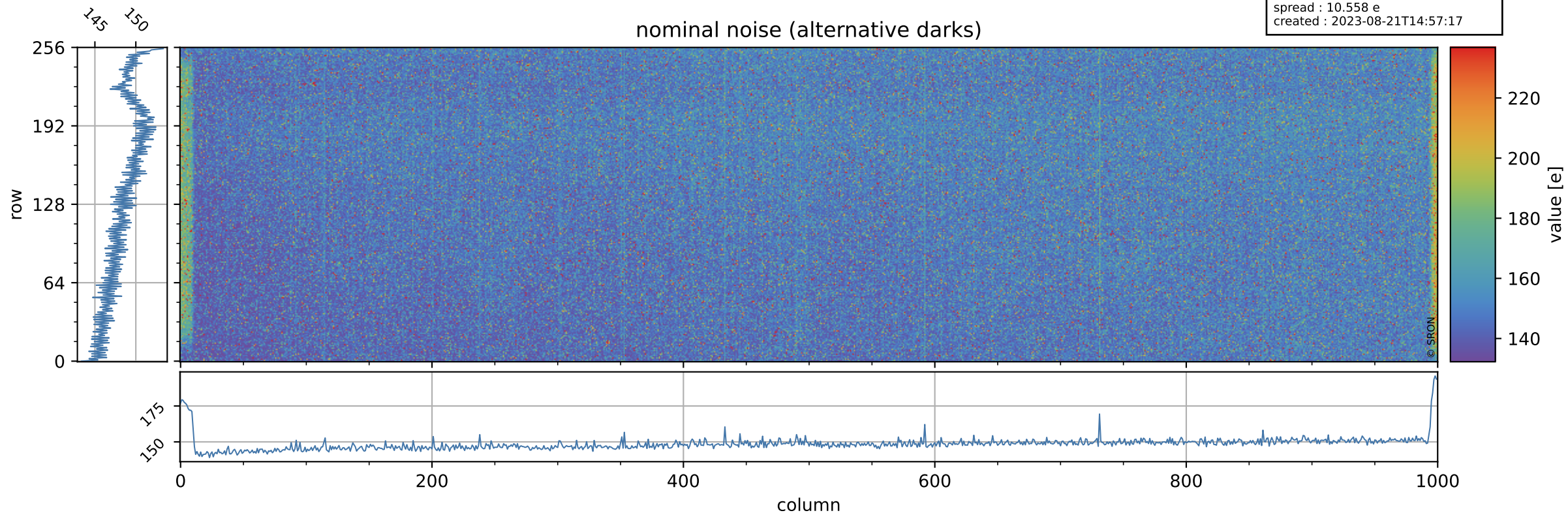


# Tropomi SWIR background noise (swir)

orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
n\_coad, t\_exp : 1, 1.0783  
median : 148.39 e  
spread : 10.558 e  
created : 2023-08-21T14:57:17

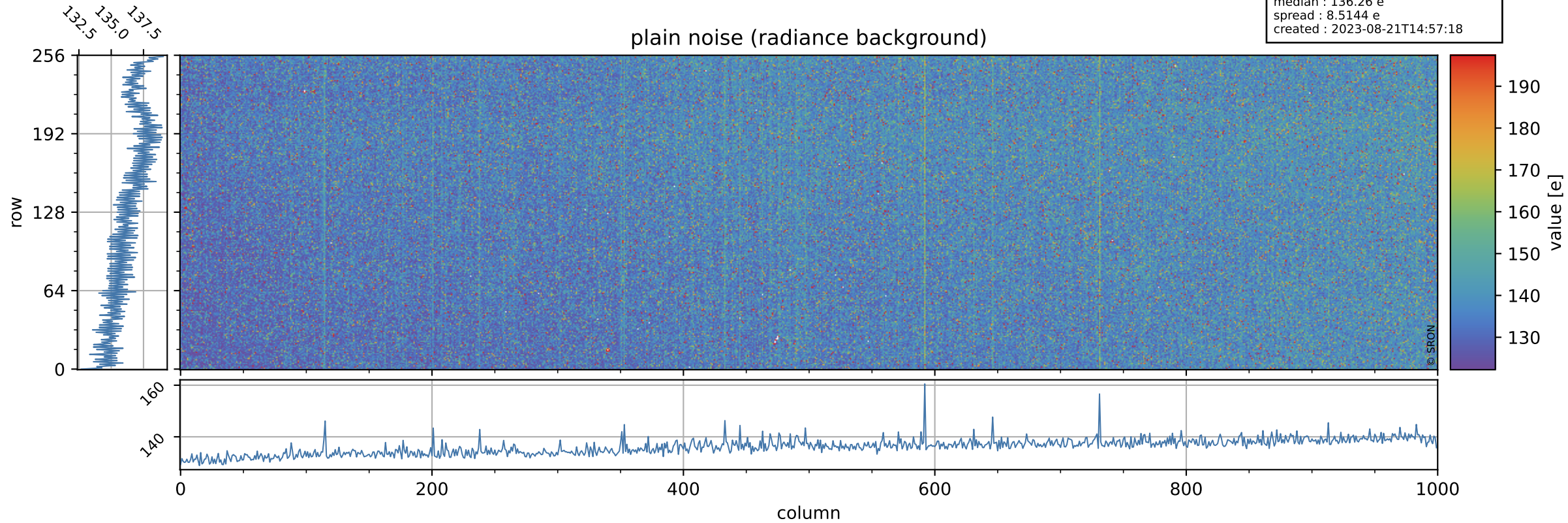
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
n\_coad, t\_exp : 2, 0.5383  
median : 136.26 e  
spread : 8.5144 e  
created : 2023-08-21T14:57:18

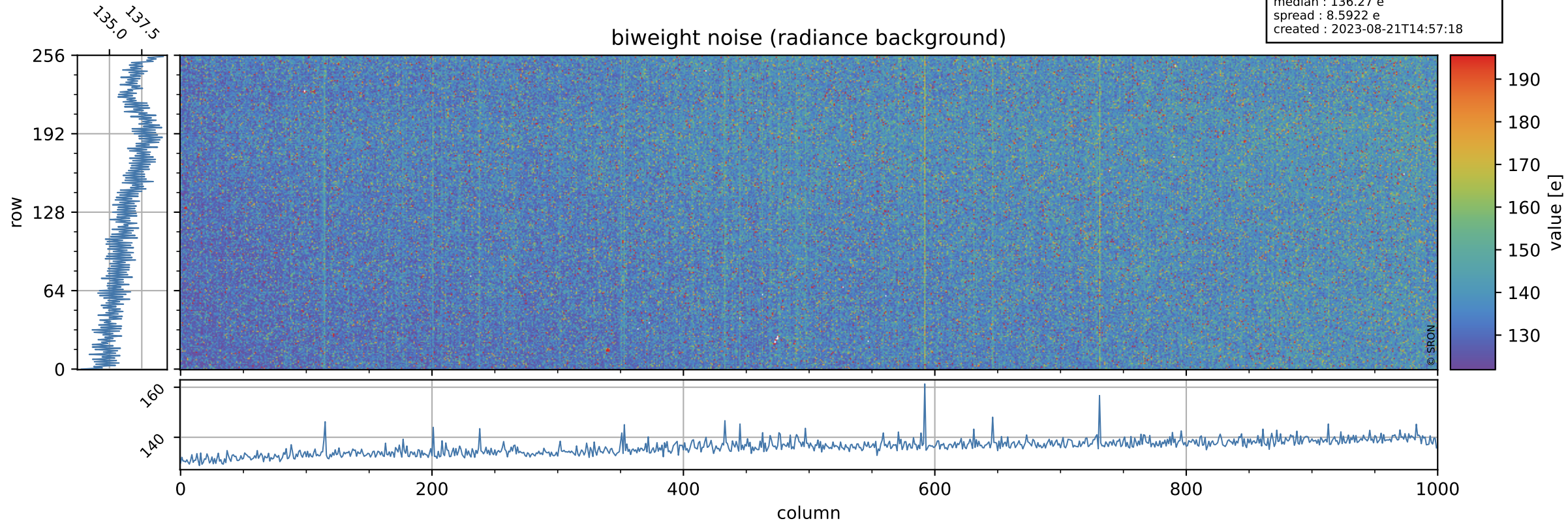
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
n\_coad, t\_exp : 2, 0.5383  
median : 136.27 e  
spread : 8.5922 e  
created : 2023-08-21T14:57:18

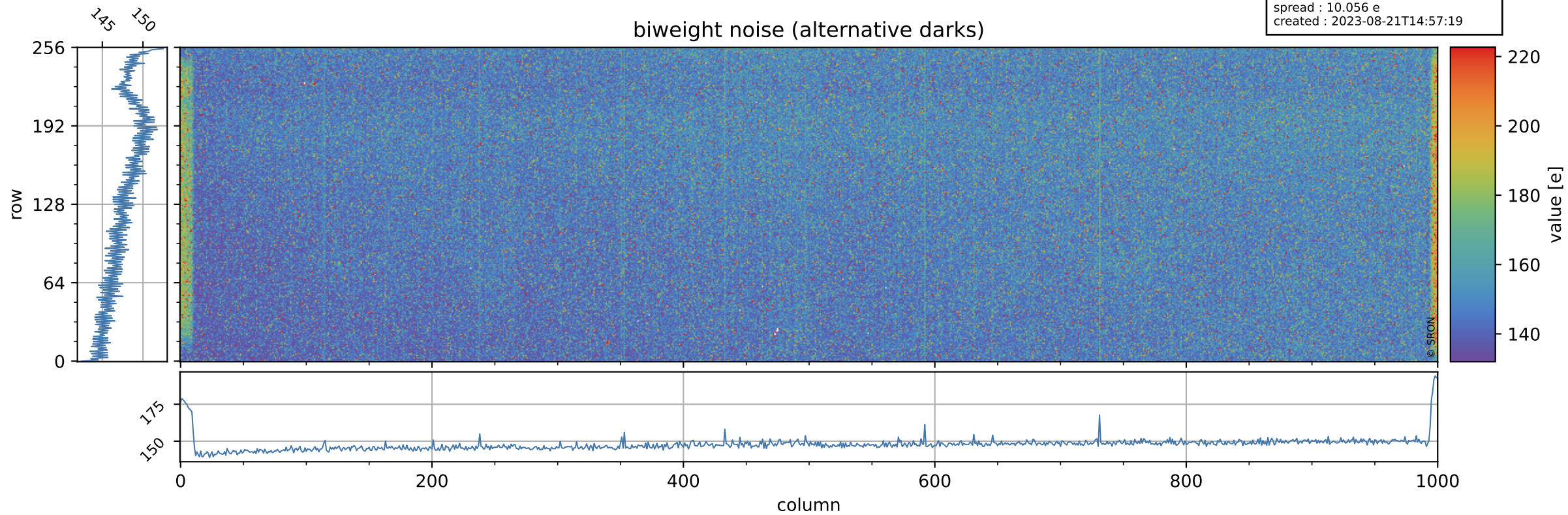
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
n\_coad, t\_exp : 1, 1.0783  
median : 147.56 e  
spread : 10.056 e  
created : 2023-08-21T14:57:19

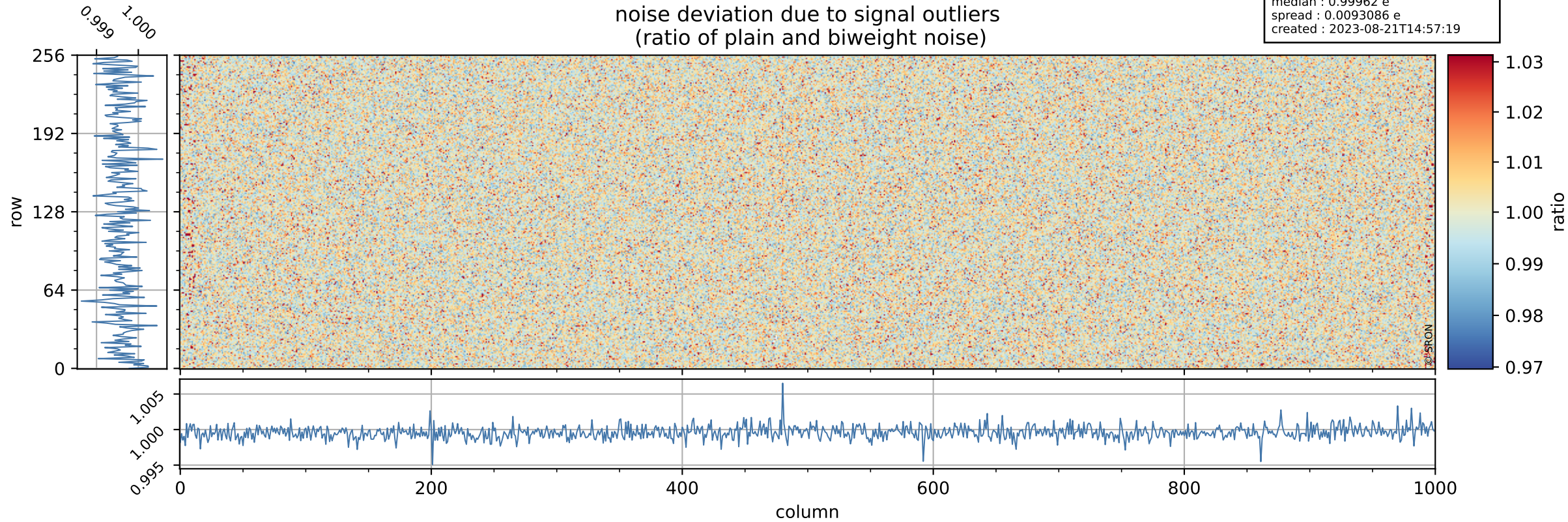
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

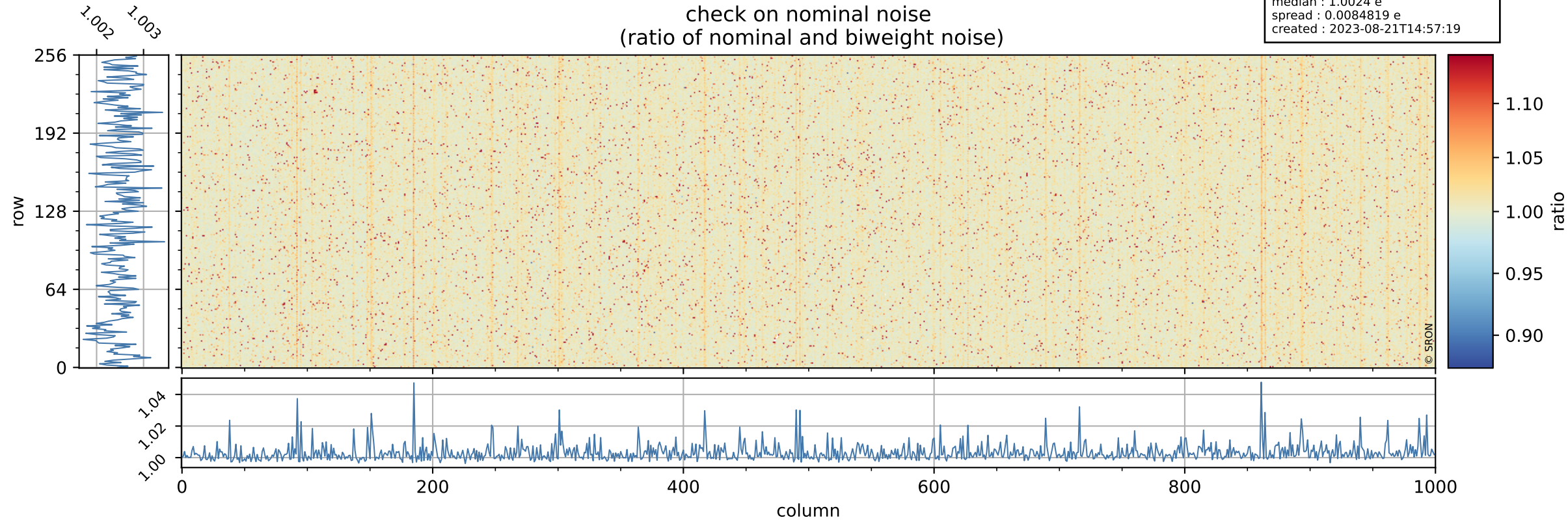
orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
median : 0.99962 e  
spread : 0.0093086 e  
created : 2023-08-21T14:57:19



# Tropomi SWIR background noise (swir)

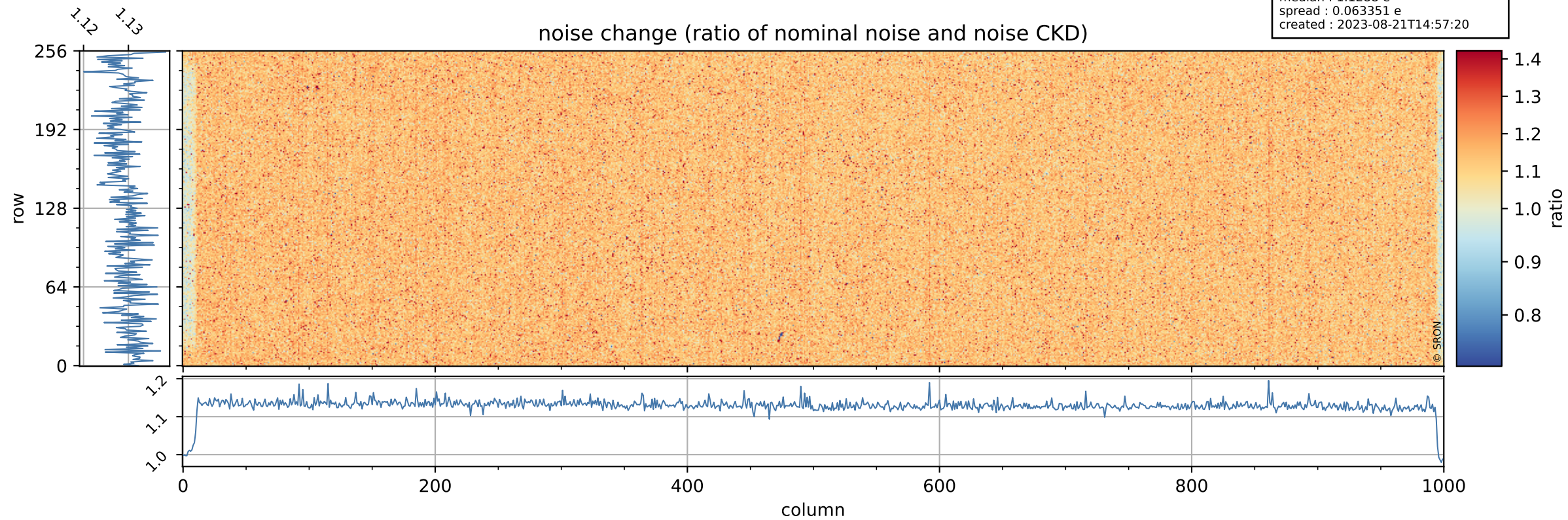
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
median : 1.0024 e  
spread : 0.0084819 e  
created : 2023-08-21T14:57:19



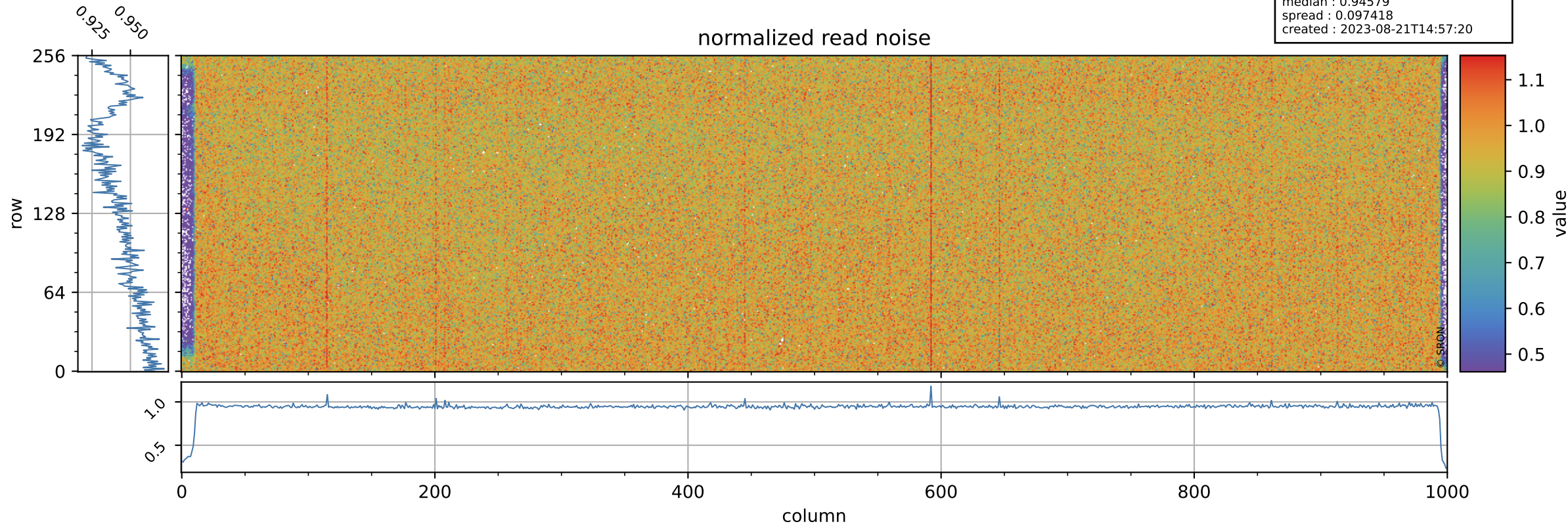
# Tropomi SWIR background noise (swir)

orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
median : 1.1288 e  
spread : 0.063351 e  
created : 2023-08-21T14:57:20



# Tropomi SWIR background noise (swir)

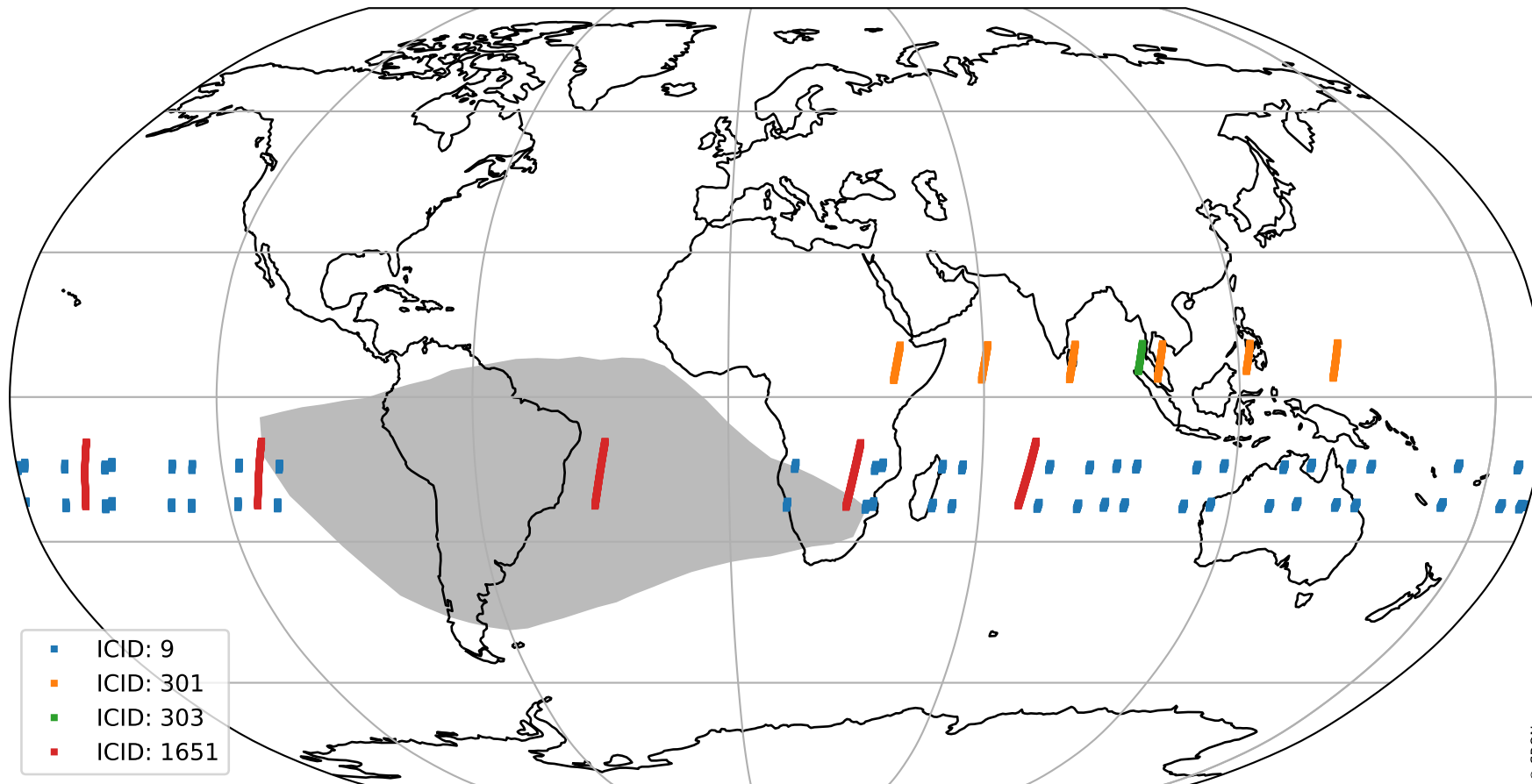
orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
median : 0.94579  
spread : 0.097418  
created : 2023-08-21T14:57:20





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

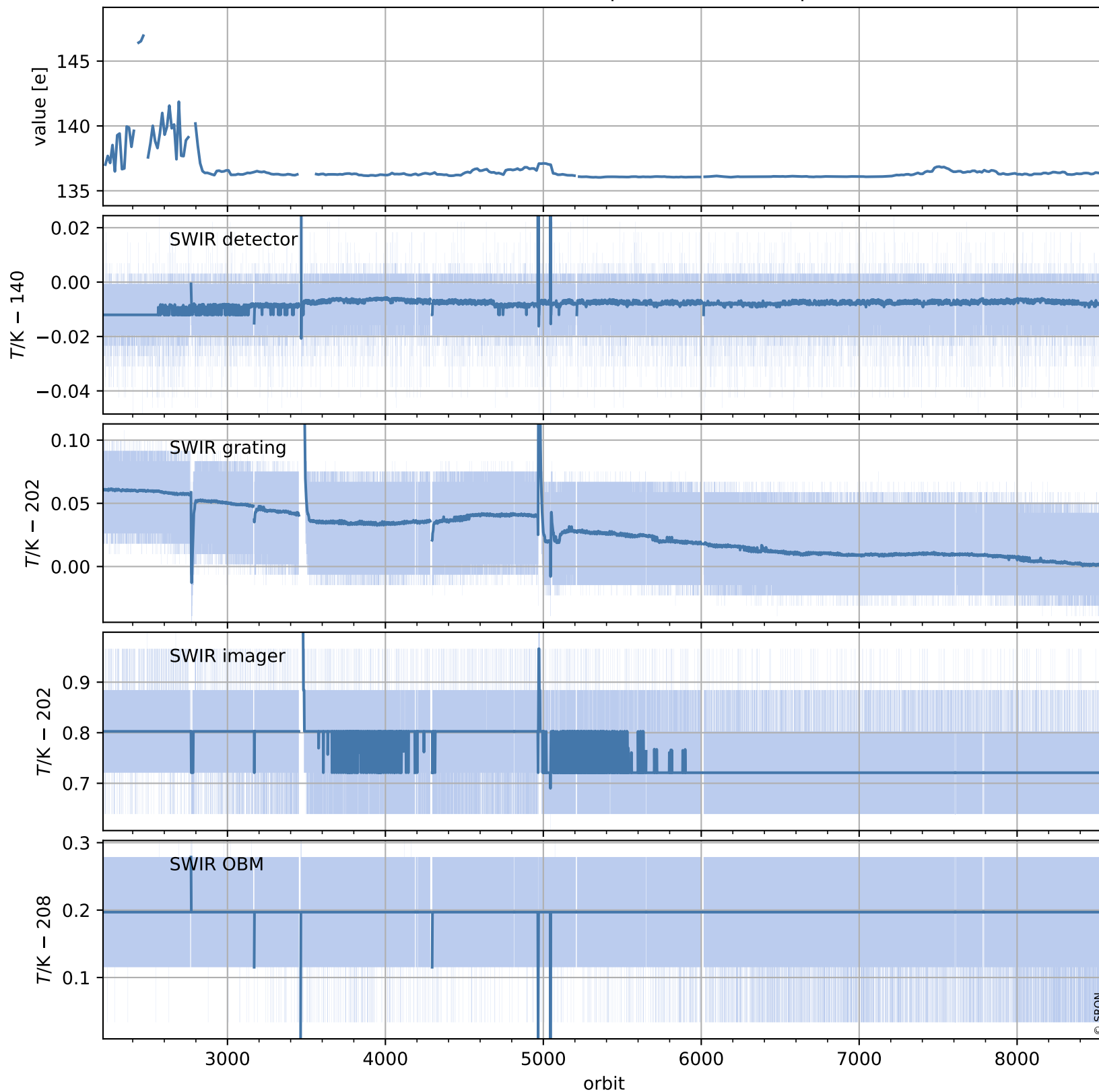
orbits : 12 in [8482, 8557]  
coverage : 2019-06-02 / 2019-06-07  
created : 2023-08-21T14:57:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 8557]  
coverage : 2018-03-18 / 2019-06-07  
created : 2023-08-21T14:57:21

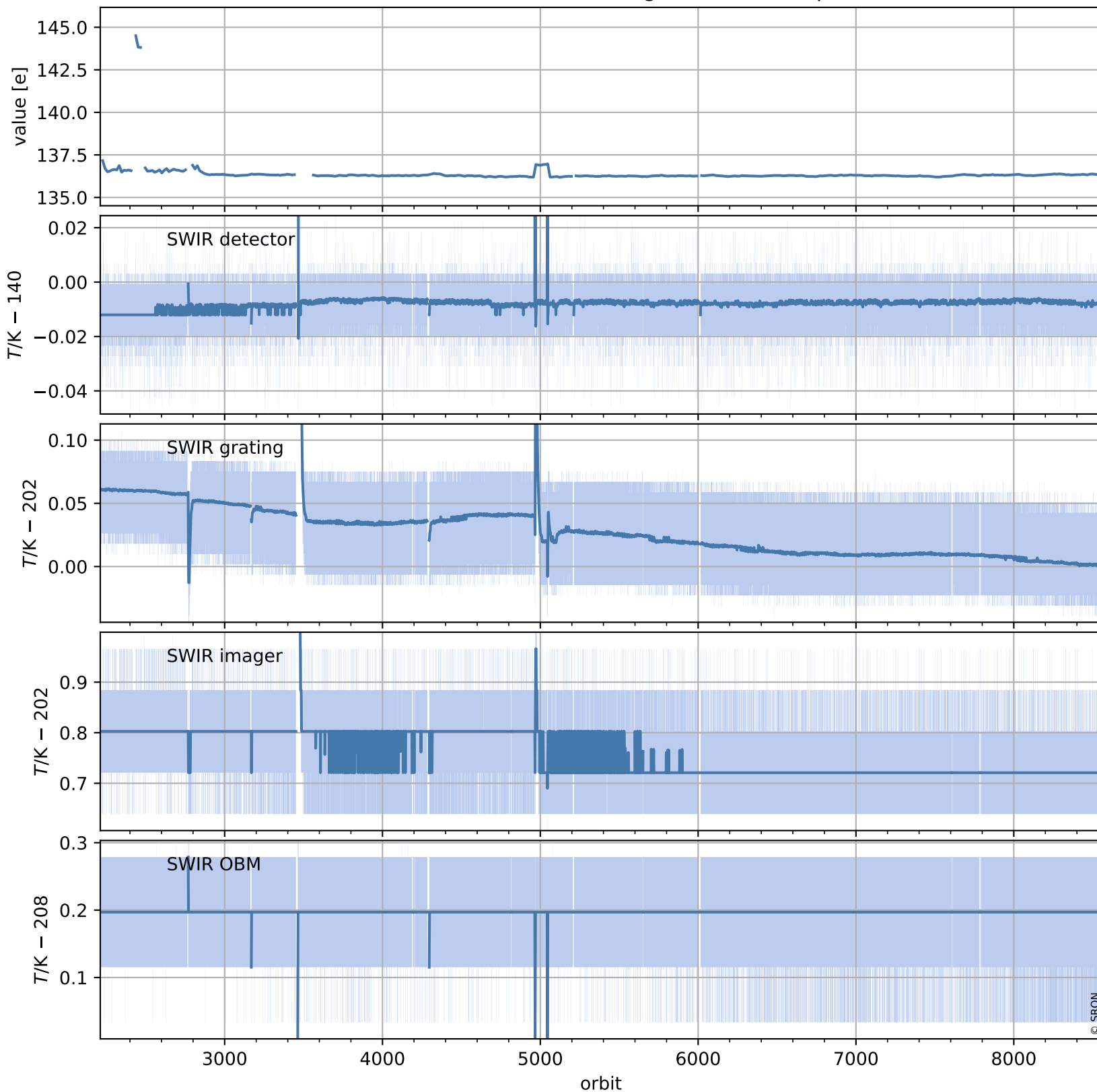
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8557]  
coverage : 2018-03-18 / 2019-06-07  
created : 2023-08-21T14:57:22

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8557]  
coverage : 2018-03-18 / 2019-06-07  
created : 2023-08-21T14:57:23

## trend of normalized read-noise & temperatures

