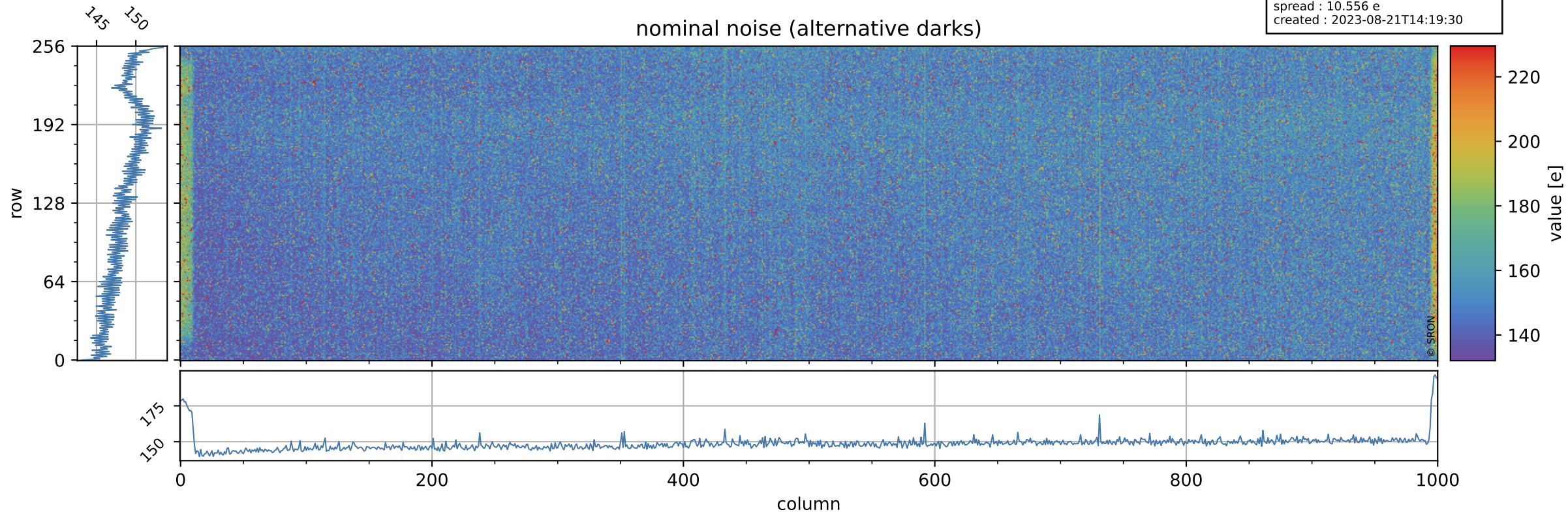


# Tropomi SWIR background noise (swir)

orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
n\_coad, t\_exp : 1, 1.0783  
median : 148.41 e  
spread : 10.556 e  
created : 2023-08-21T14:19:30

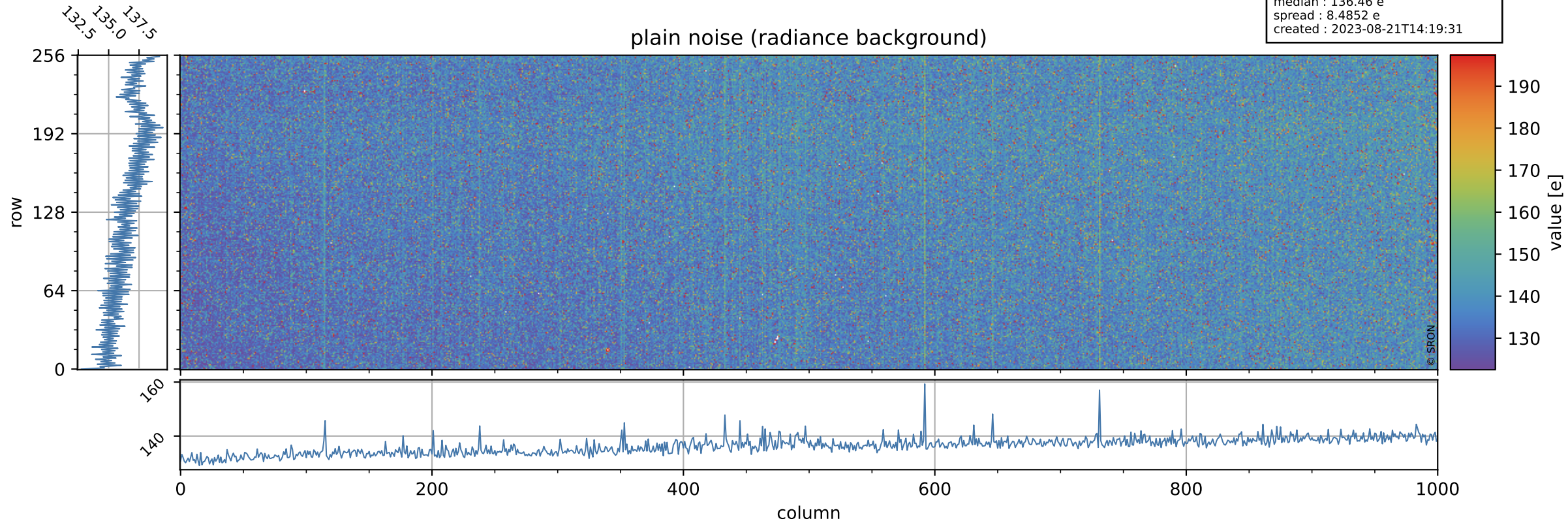
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
n\_coad, t\_exp : 2, 0.5383  
median : 136.46 e  
spread : 8.4852 e  
created : 2023-08-21T14:19:31

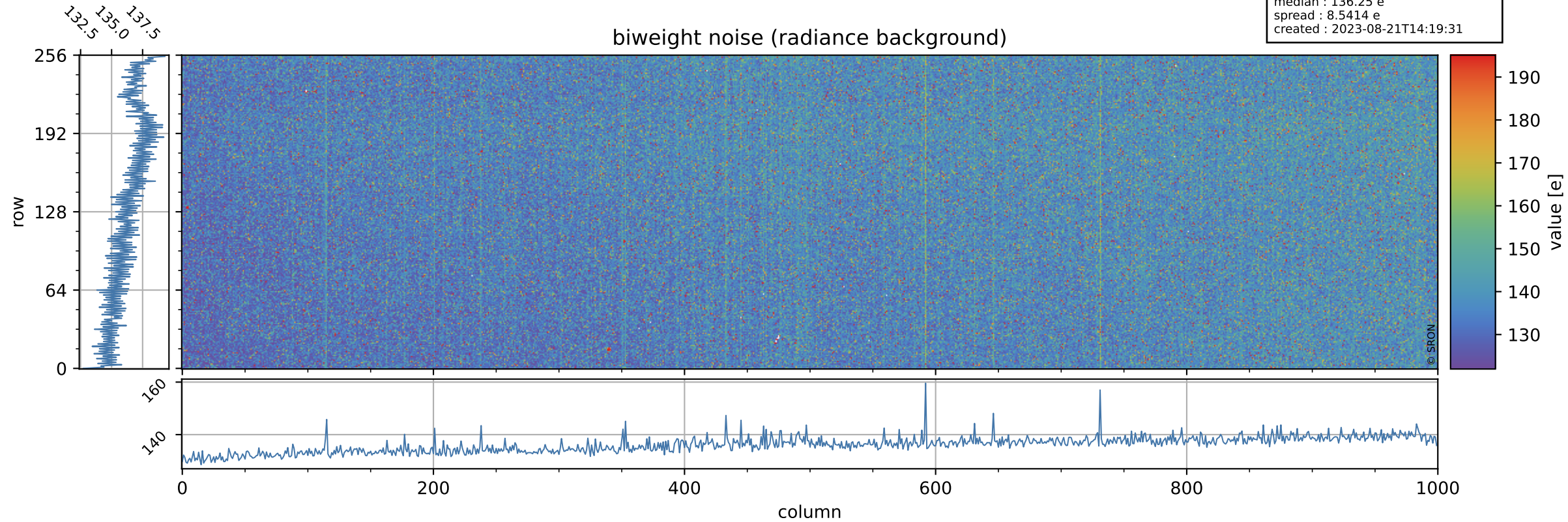
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

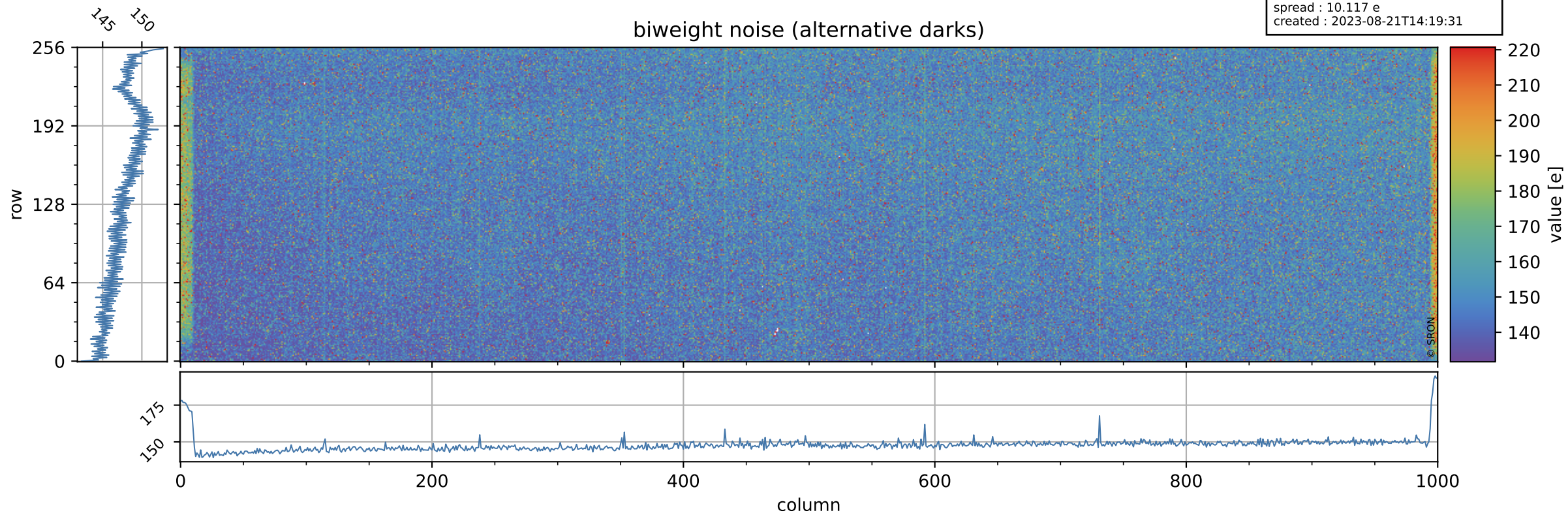
orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
n\_coad, t\_exp : 2, 0.5383  
median : 136.25 e  
spread : 8.5414 e  
created : 2023-08-21T14:19:31

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

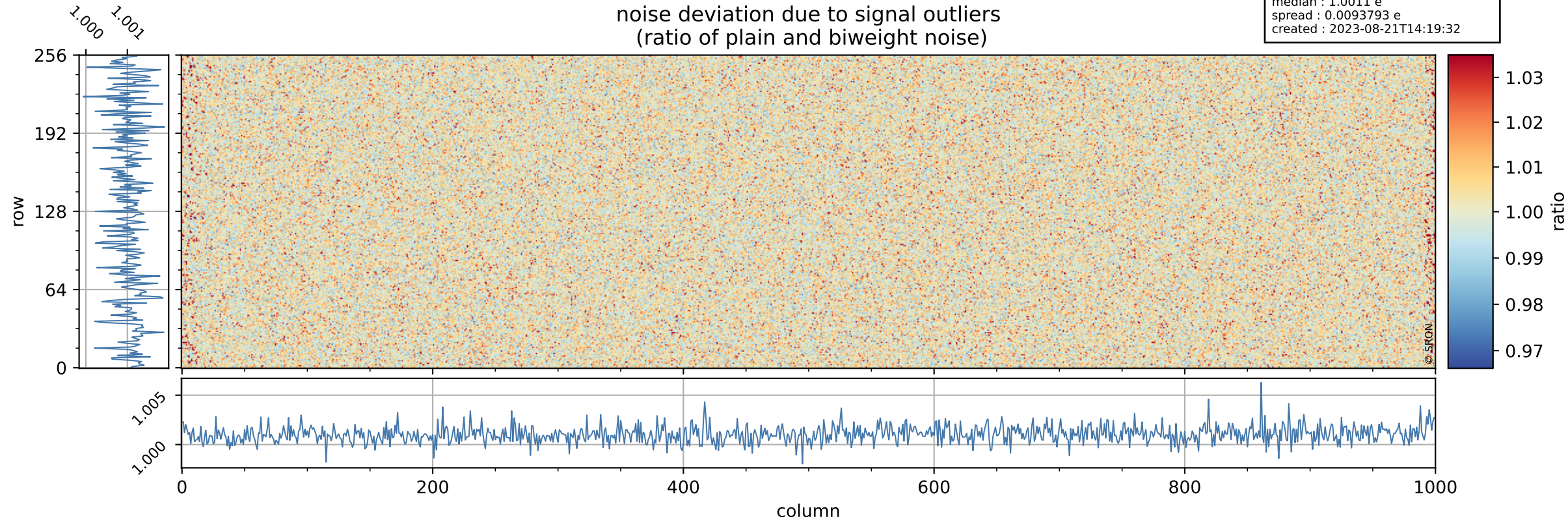
orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 10.117 e  
created : 2023-08-21T14:19:31



# Tropomi SWIR background noise (swir)

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

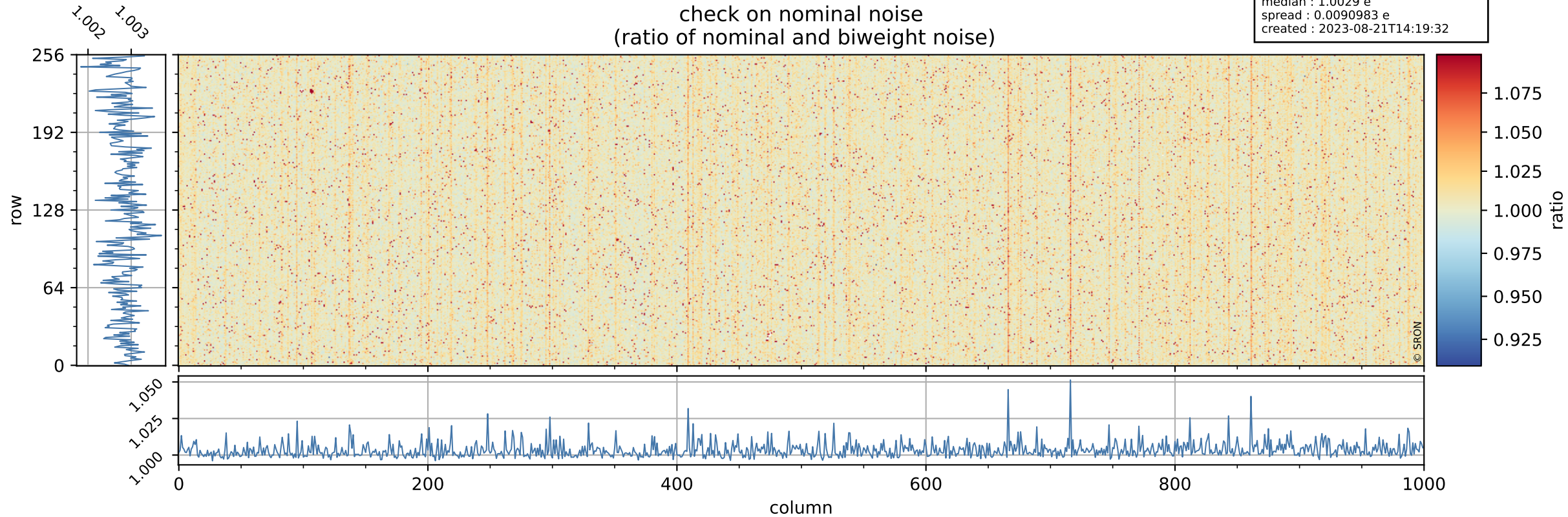
orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
median : 1.0011 e  
spread : 0.0093793 e  
created : 2023-08-21T14:19:32



# Tropomi SWIR background noise (swir)

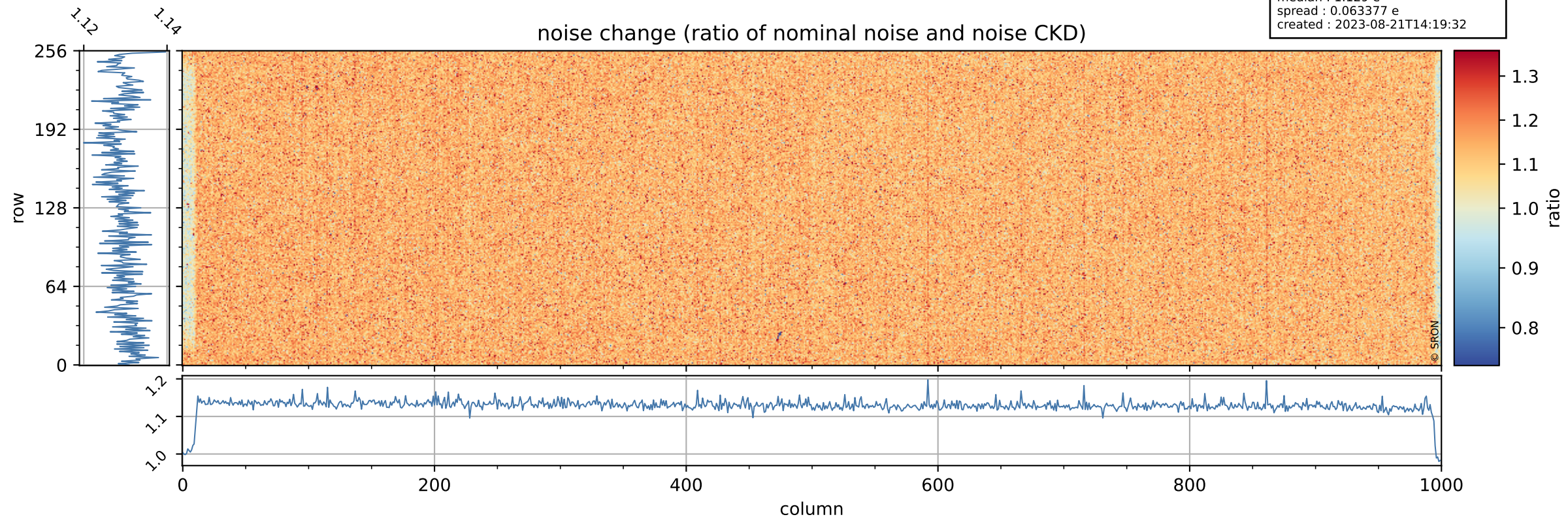
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
median : 1.0029 e  
spread : 0.0090983 e  
created : 2023-08-21T14:19:32



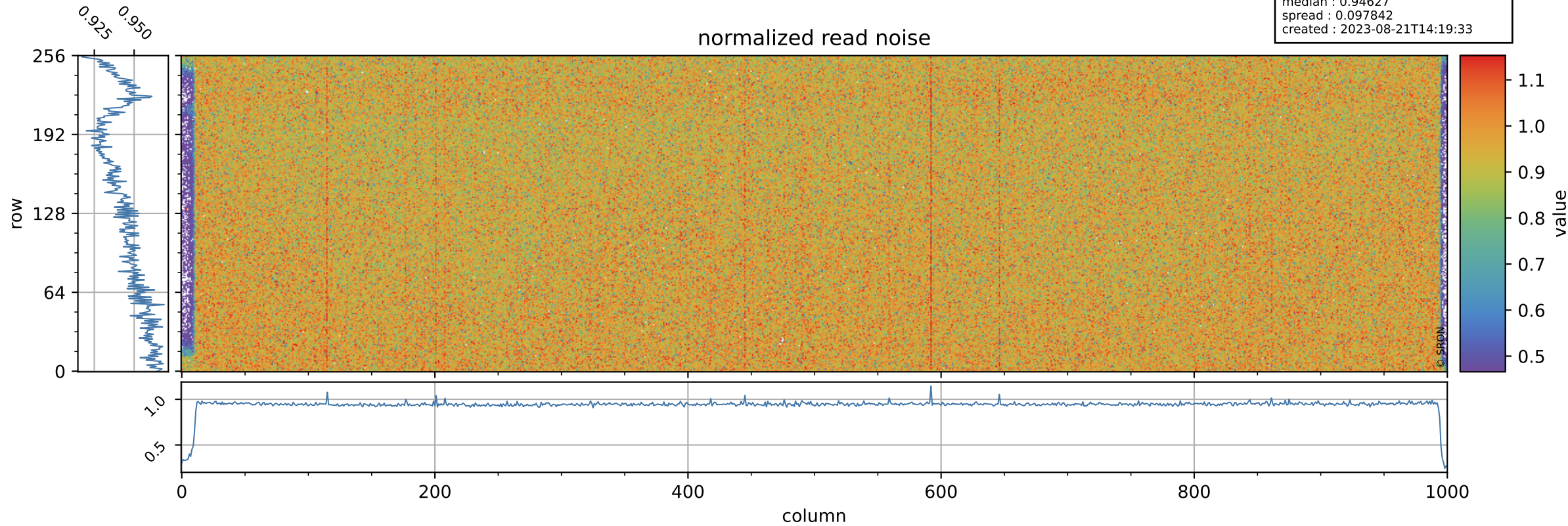
# Tropomi SWIR background noise (swir)

orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
median : 1.129 e  
spread : 0.063377 e  
created : 2023-08-21T14:19:32



# Tropomi SWIR background noise (swir)

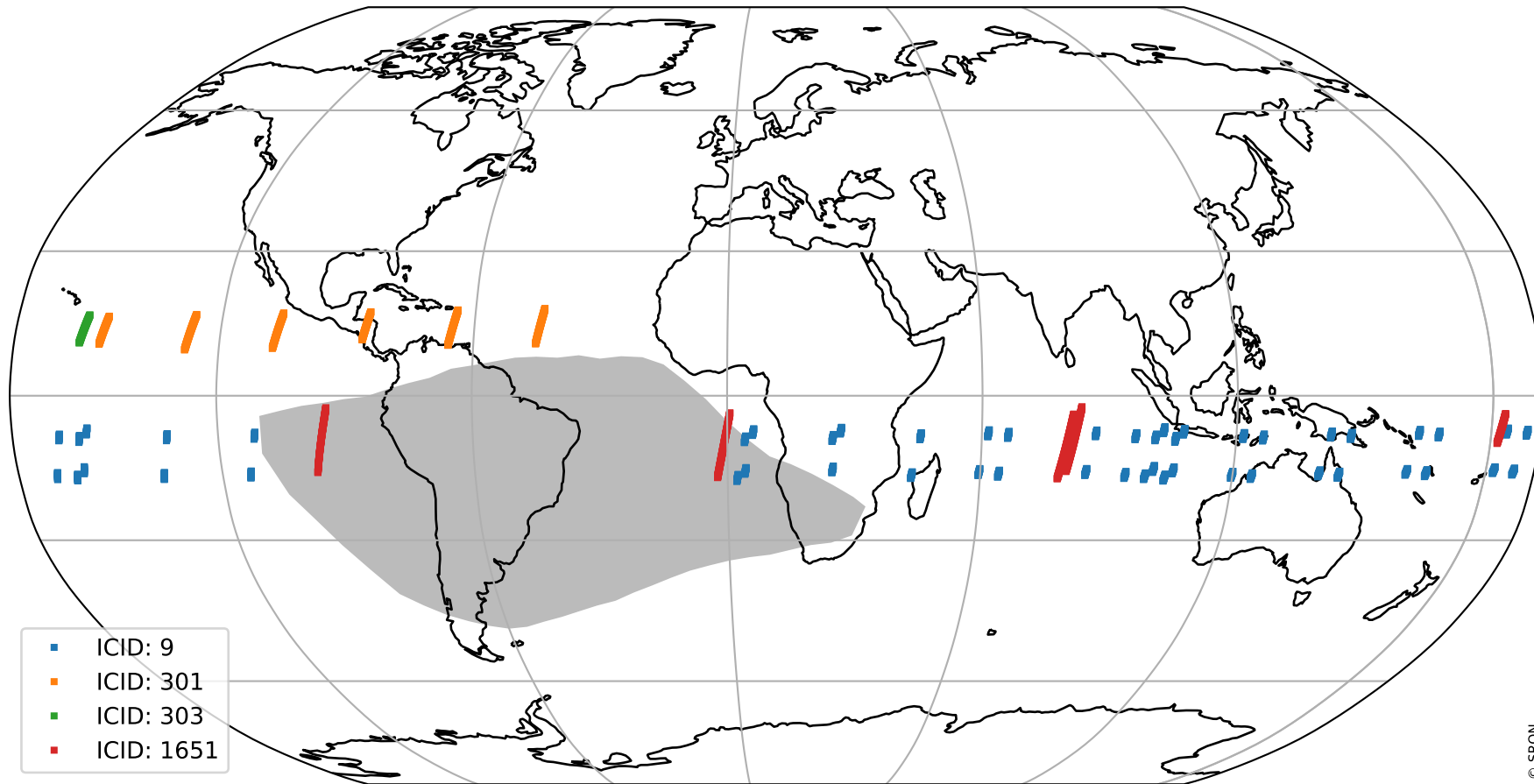
orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
median : 0.94627  
spread : 0.097842  
created : 2023-08-21T14:19:33





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

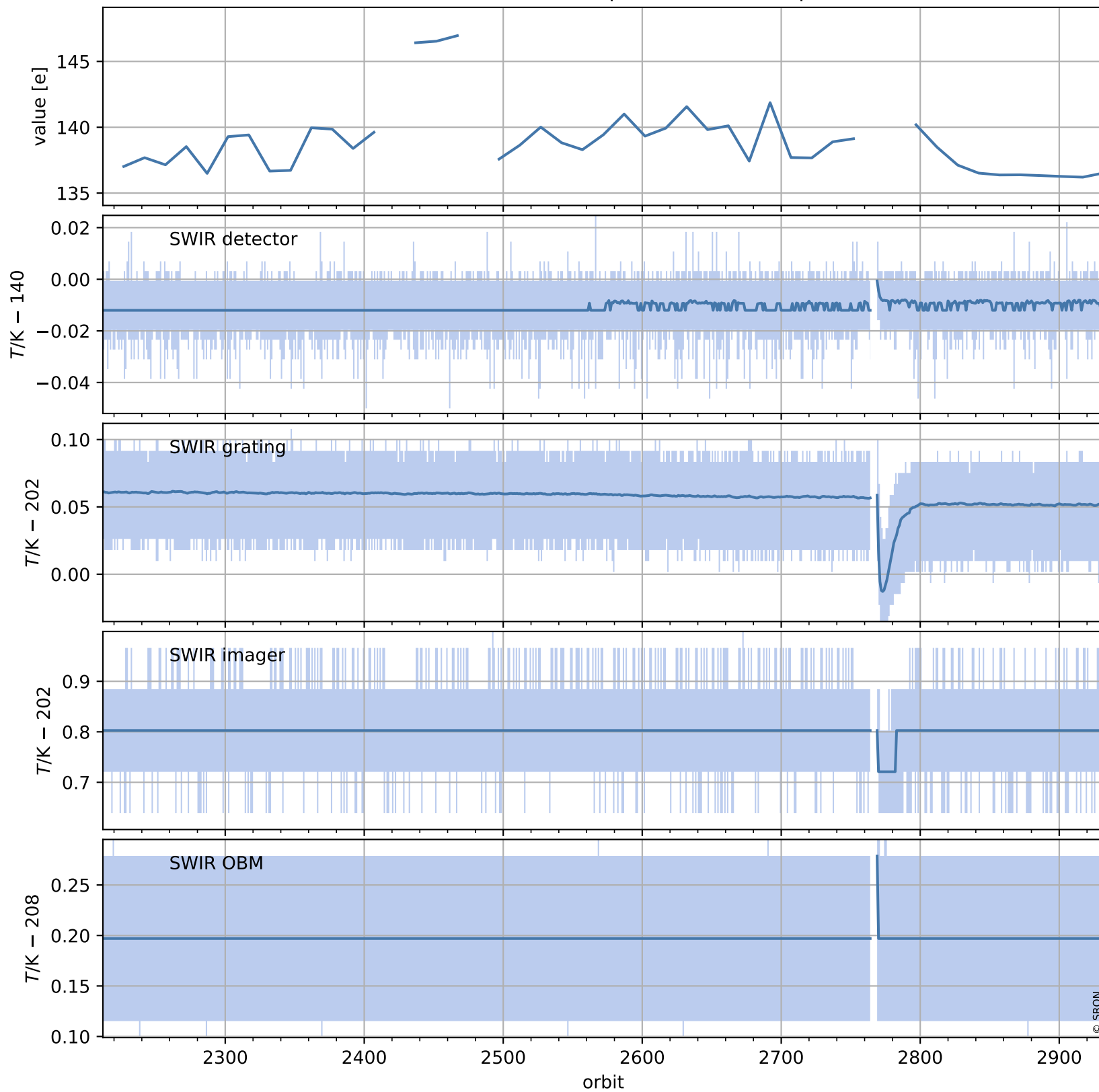
orbits : 12 in [2842, 2932]  
coverage : 2018-05-02 / 2018-05-07  
created : 2023-08-21T14:19:33



# Tropomi SWIR background noise (swir)

orbits : [2212, 2932]  
coverage : 2018-03-18 / 2018-05-07  
created : 2023-08-21T14:19:33

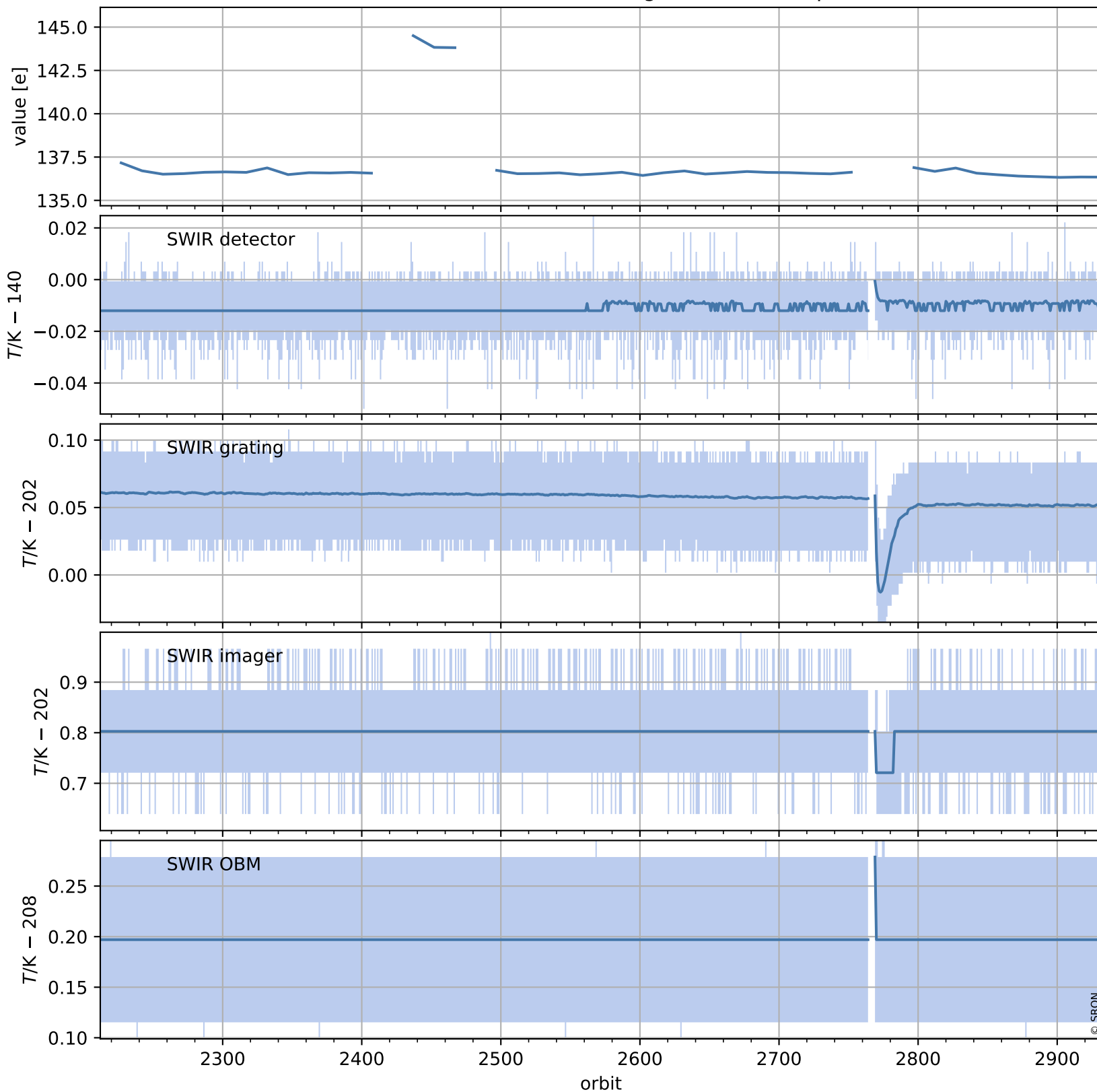
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2932]  
coverage : 2018-03-18 / 2018-05-07  
created : 2023-08-21T14:19:33

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2932]  
coverage : 2018-03-18 / 2018-05-07  
created : 2023-08-21T14:19:34

## trend of normalized read-noise & temperatures

