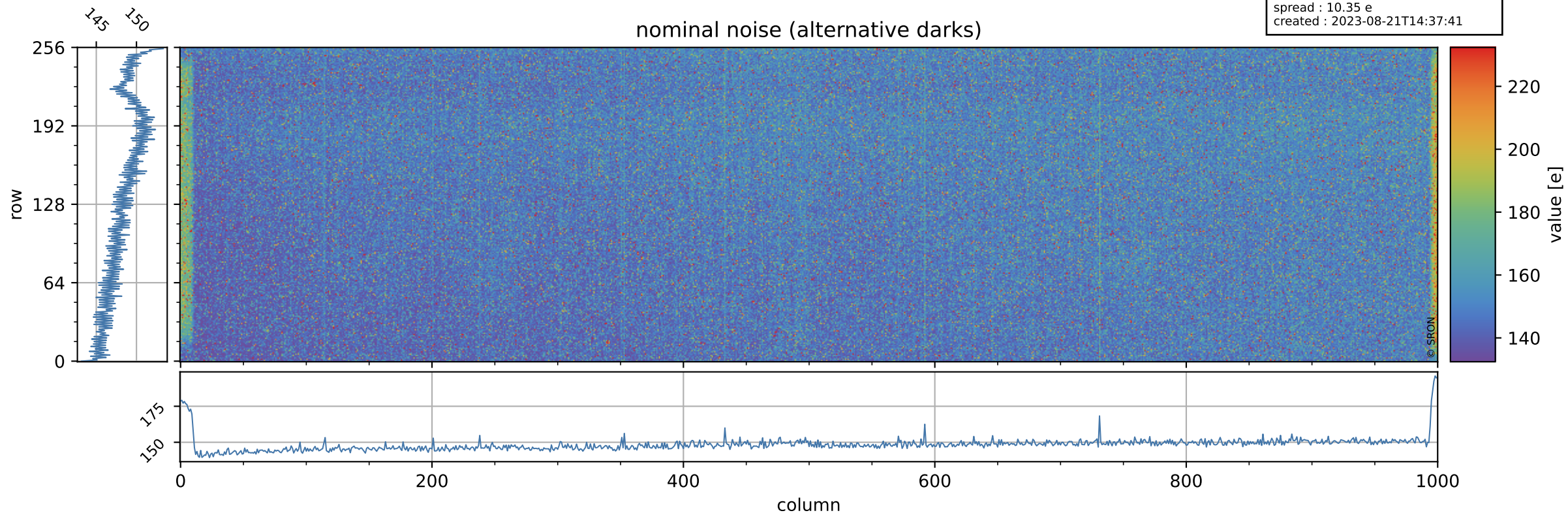


# Tropomi SWIR background noise (swir)

orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
n\_coad, t\_exp : 1, 1.0783  
median : 148.22 e  
spread : 10.35 e  
created : 2023-08-21T14:37:41

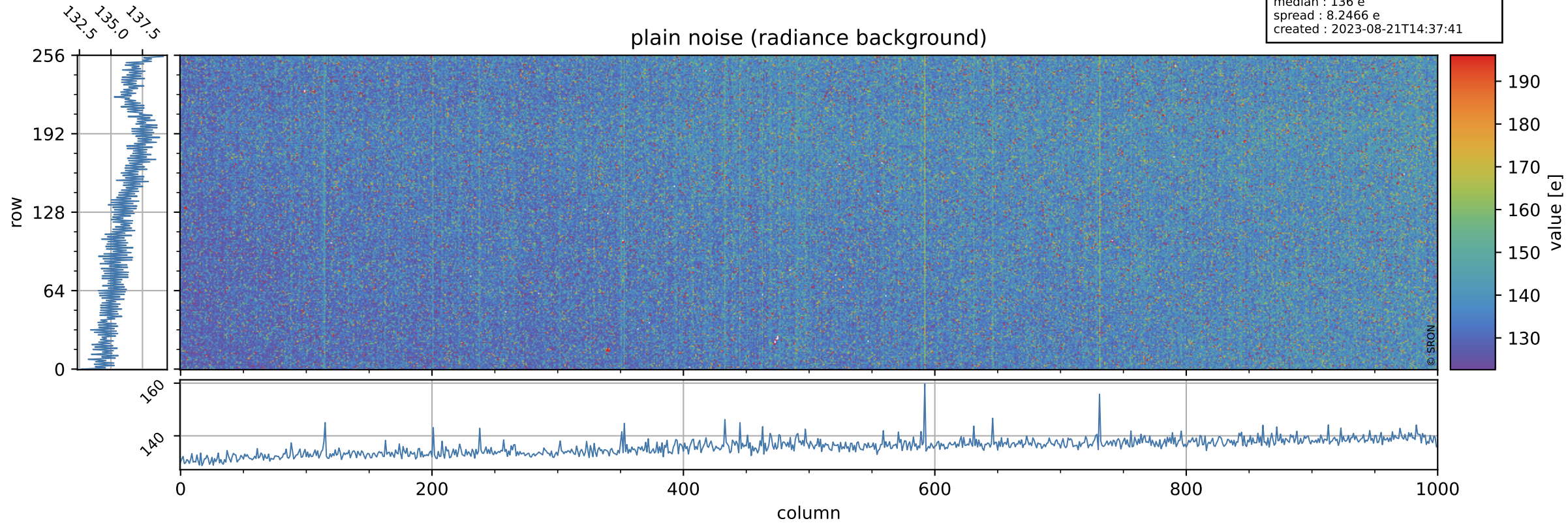
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
n\_coad, t\_exp : 2, 0.5383  
median : 136 e  
spread : 8.2466 e  
created : 2023-08-21T14:37:41

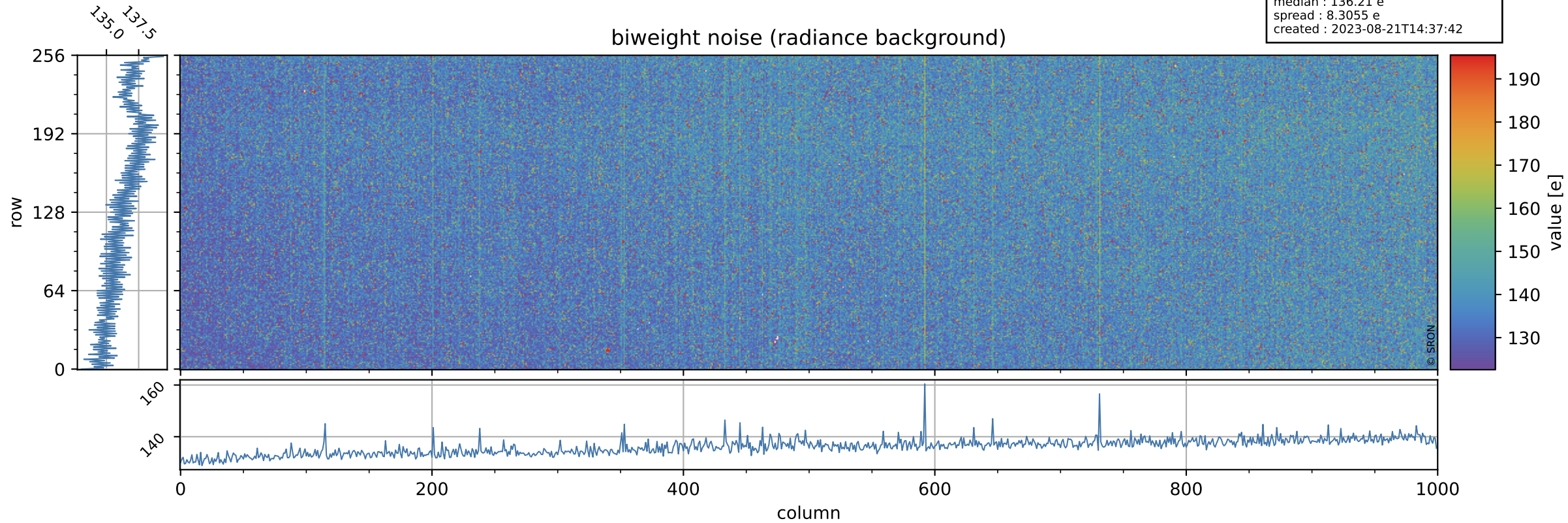
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
n\_coad, t\_exp : 2, 0.5383  
median : 136.21 e  
spread : 8.3055 e  
created : 2023-08-21T14:37:42

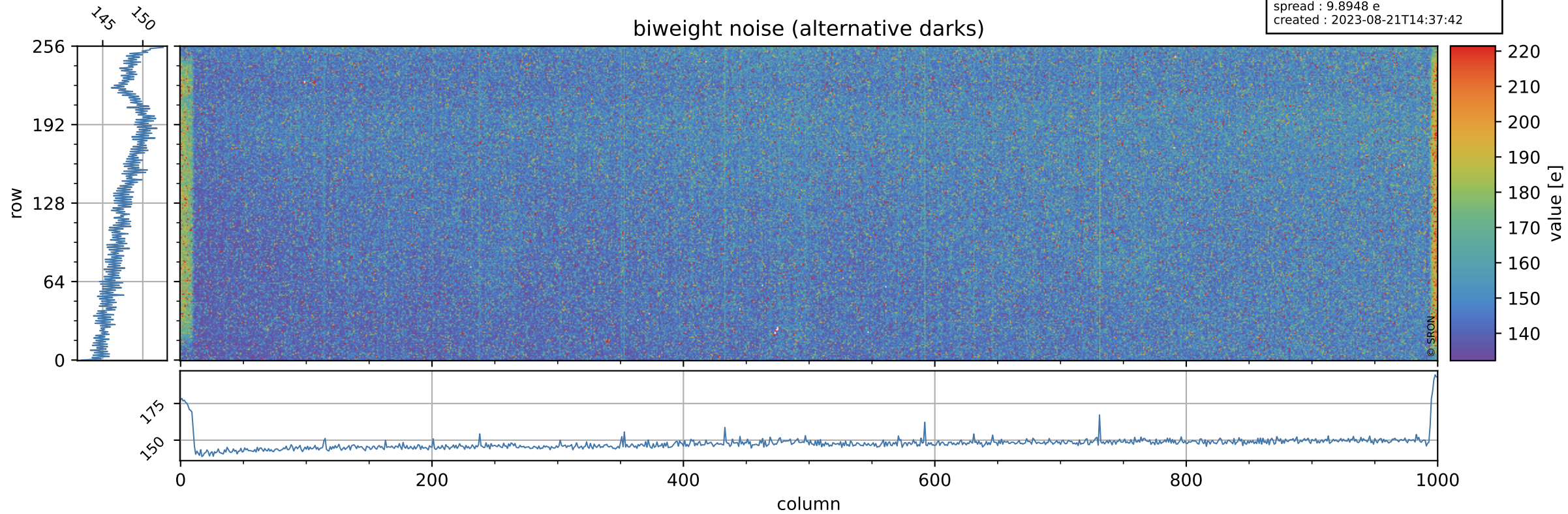
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
n\_coad, t\_exp : 1, 1.0783  
median : 147.52 e  
spread : 9.8948 e  
created : 2023-08-21T14:37:42

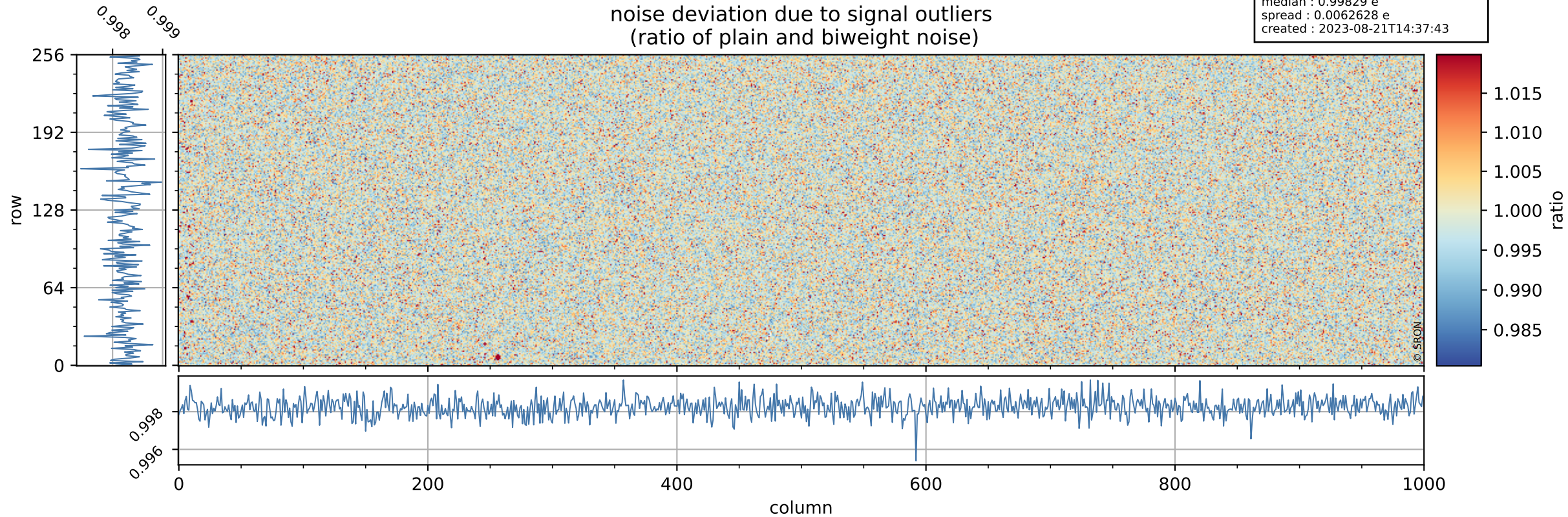
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

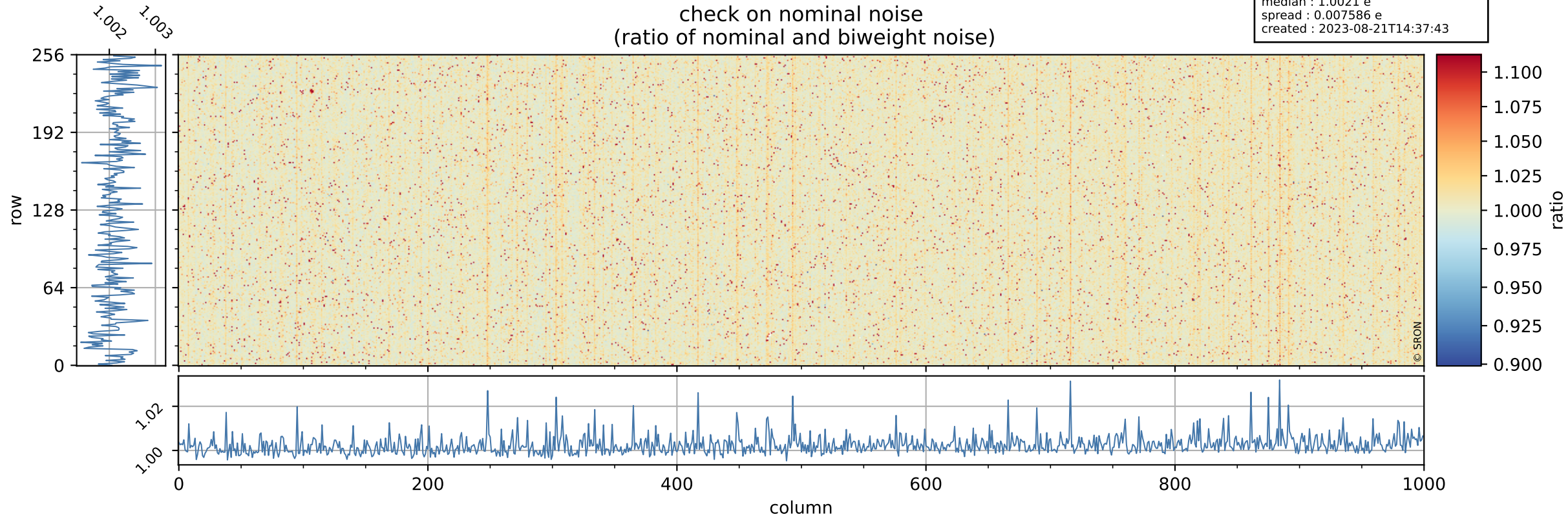
orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
median : 0.99829 e  
spread : 0.0062628 e  
created : 2023-08-21T14:37:43



# Tropomi SWIR background noise (swir)

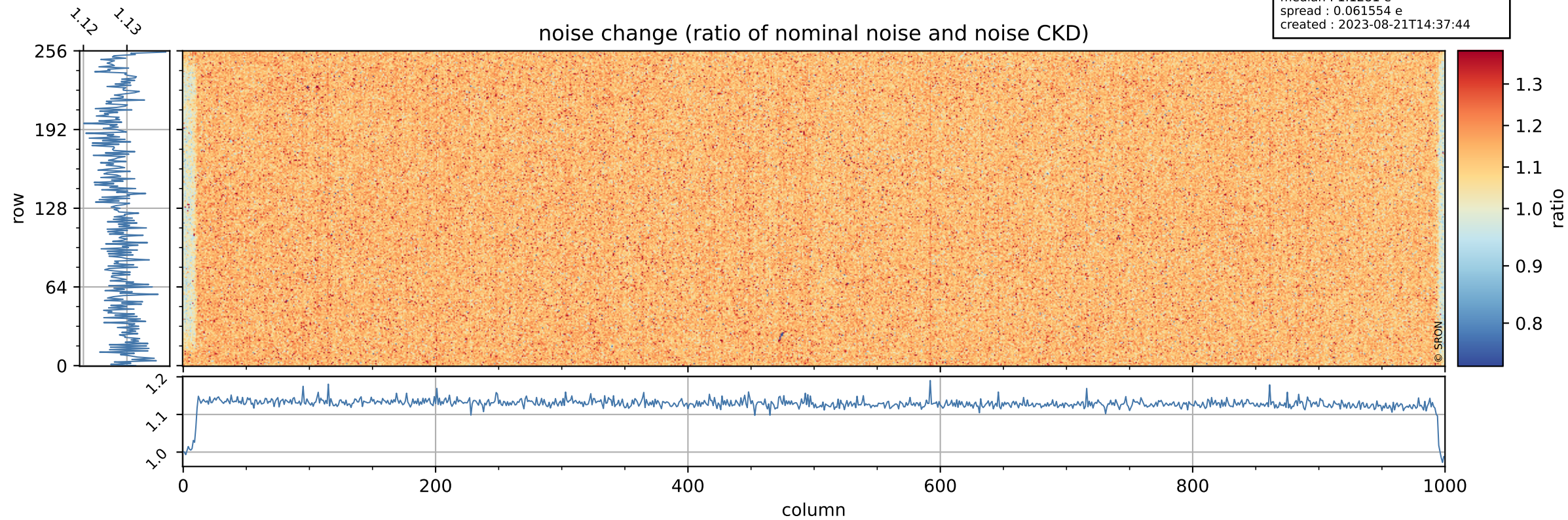
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
median : 1.0021 e  
spread : 0.007586 e  
created : 2023-08-21T14:37:43



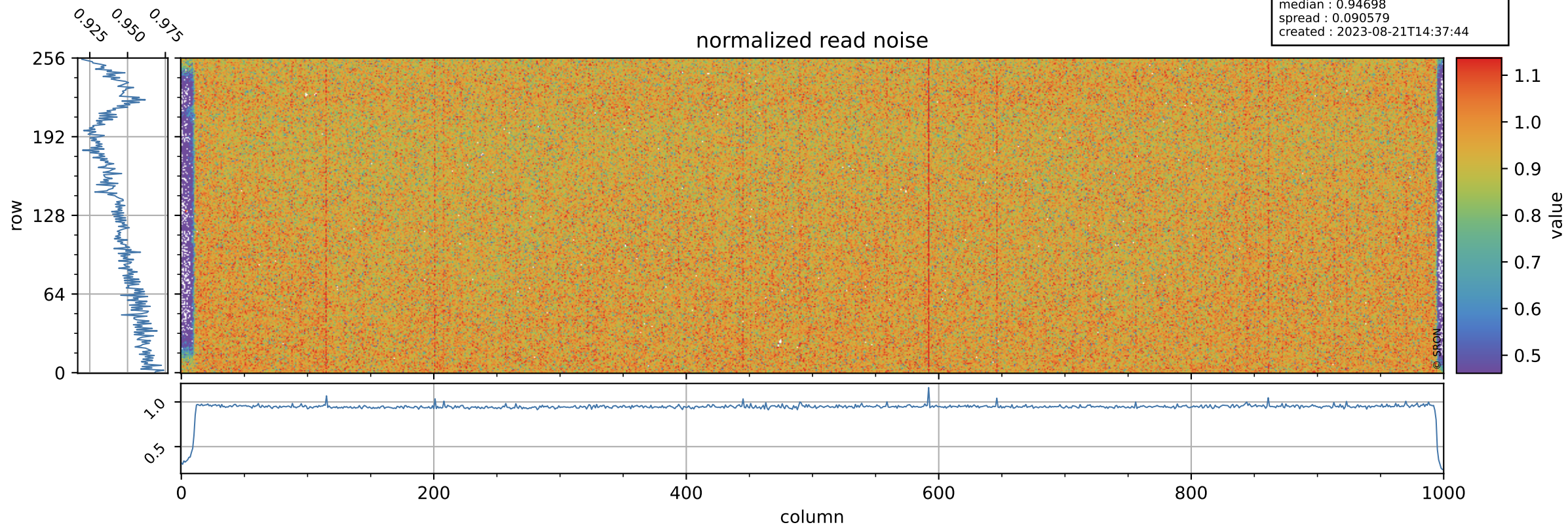
# Tropomi SWIR background noise (swir)

orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
median : 1.1281 e  
spread : 0.061554 e  
created : 2023-08-21T14:37:44



# Tropomi SWIR background noise (swir)

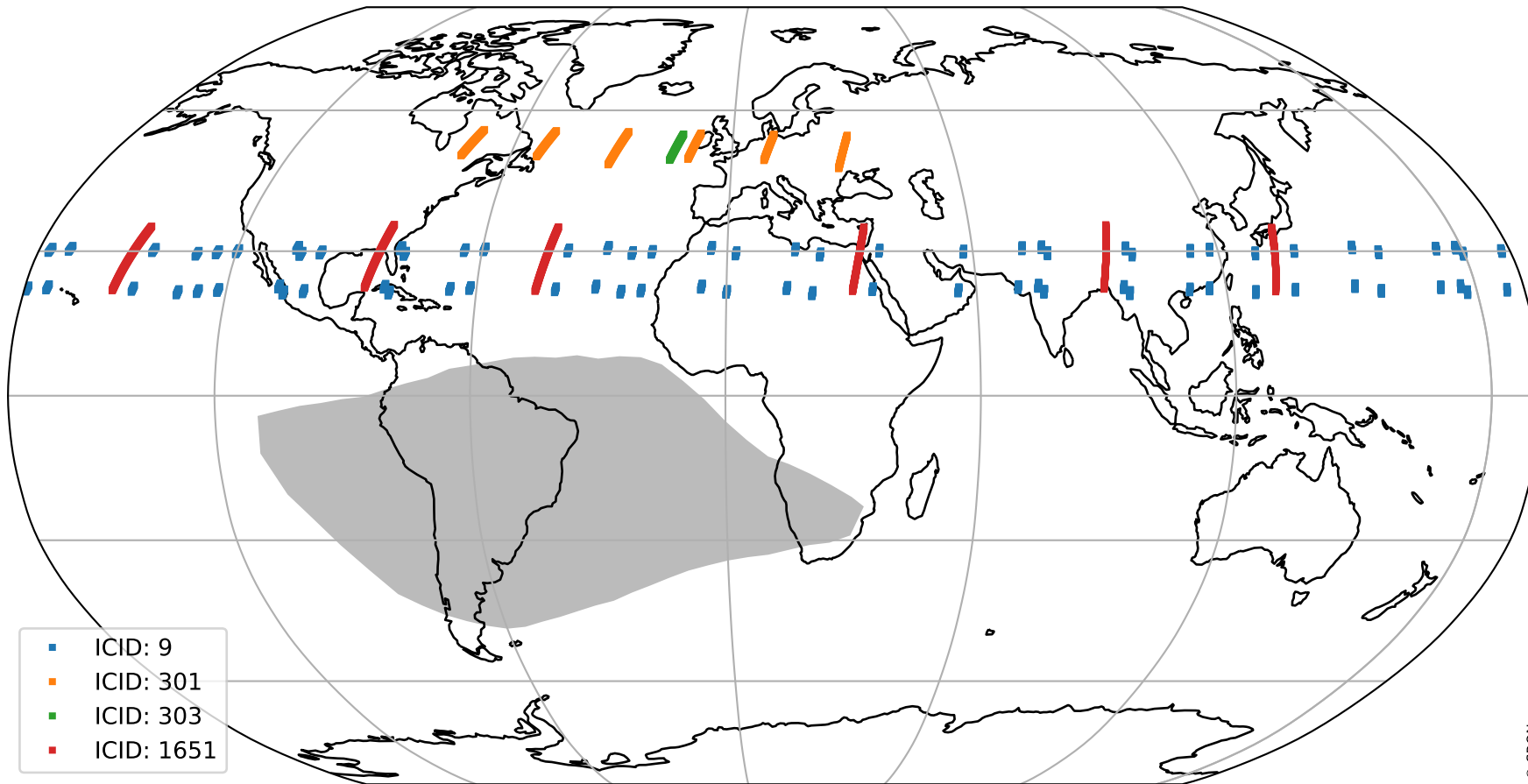
orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
median : 0.94698  
spread : 0.090579  
created : 2023-08-21T14:37:44





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

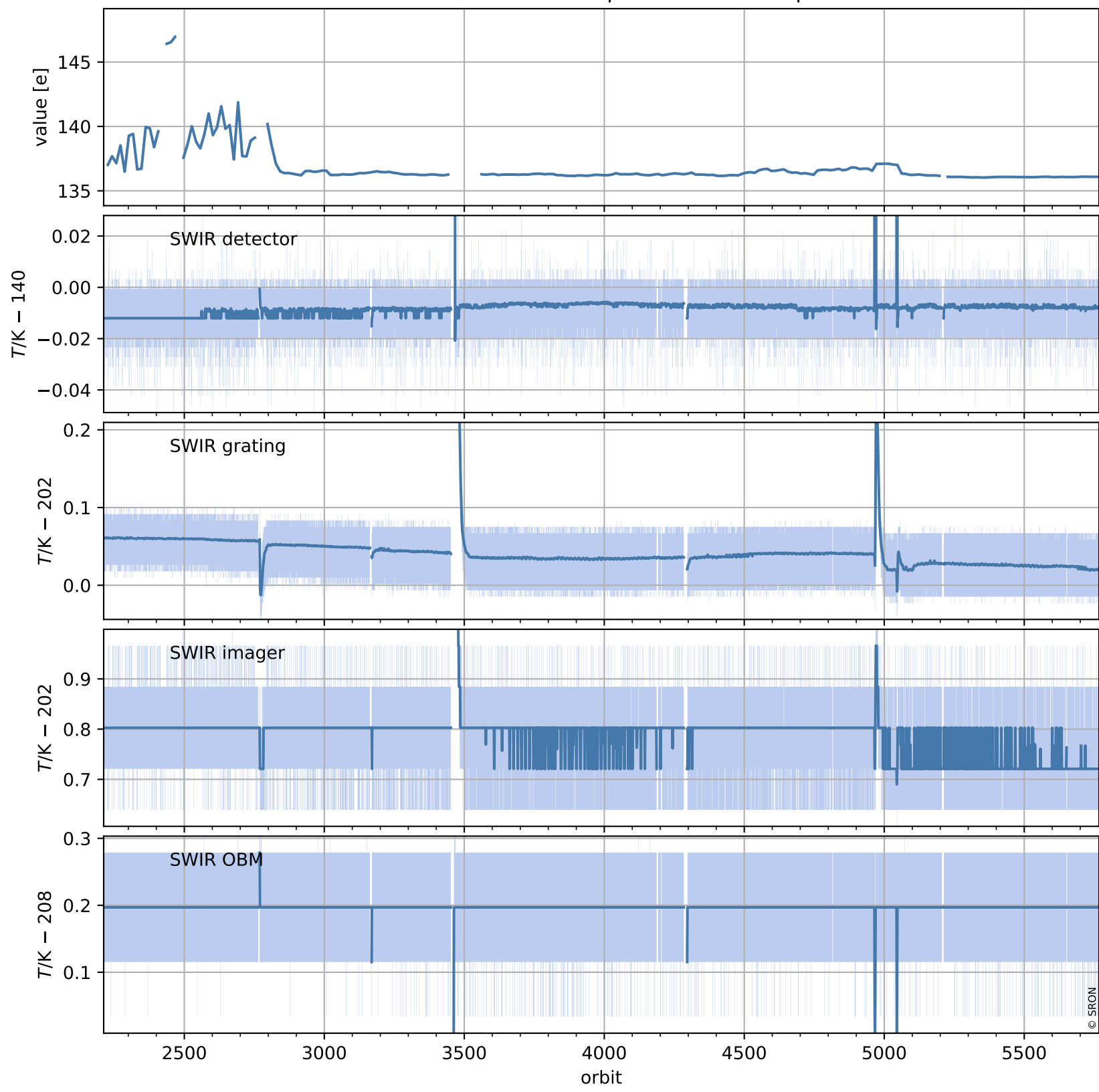
orbits : 13 in [5692, 5767]  
coverage : 2018-11-17 / 2018-11-23  
created : 2023-08-21T14:37:45



# Tropomi SWIR background noise (swir)

orbits : [2212, 5767]  
coverage : 2018-03-18 / 2018-11-23  
created : 2023-08-21T14:37:45

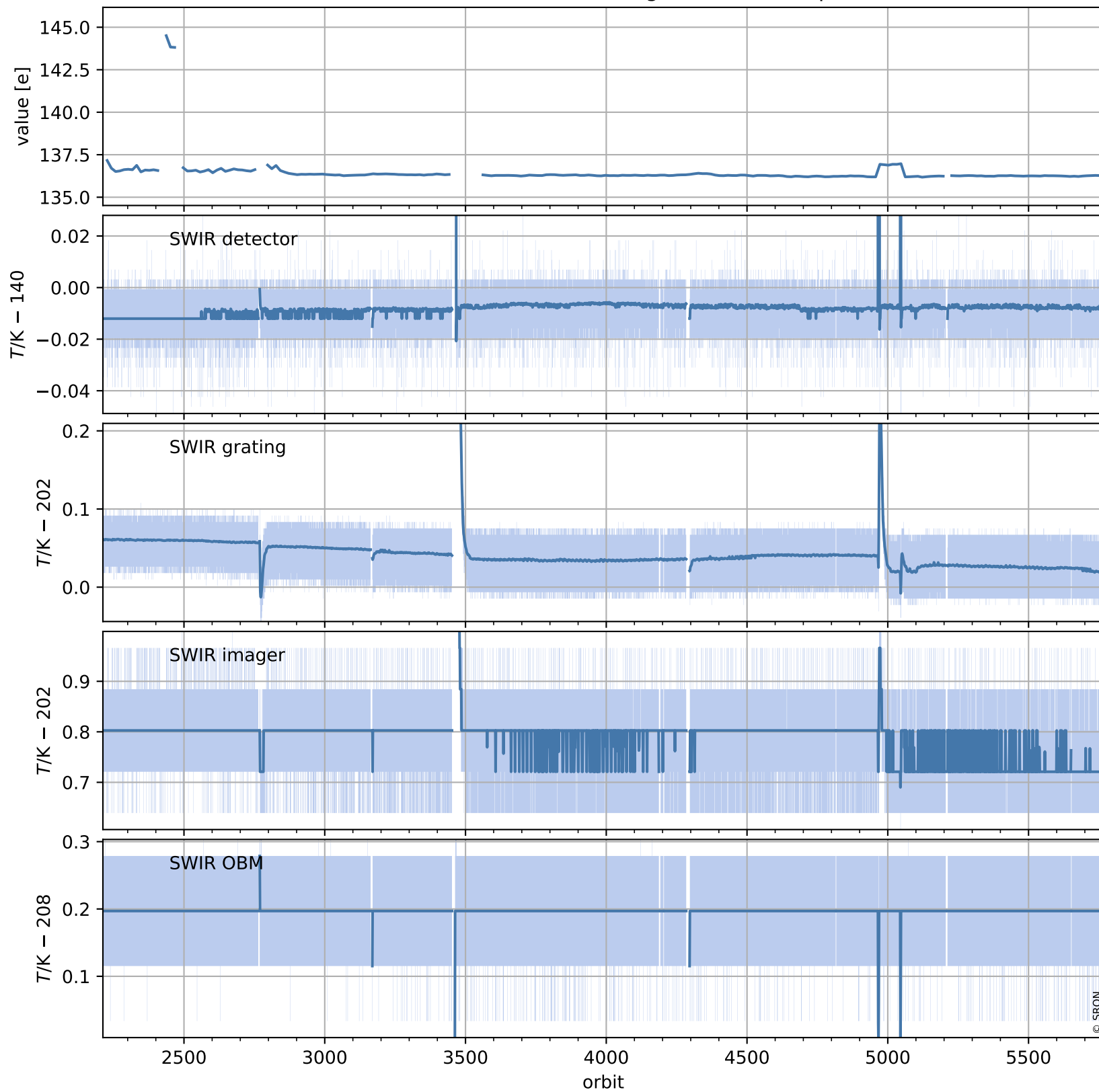
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5767]  
coverage : 2018-03-18 / 2018-11-23  
created : 2023-08-21T14:37:46

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 5767]  
coverage : 2018-03-18 / 2018-11-23  
created : 2023-08-21T14:37:46

## trend of normalized read-noise & temperatures

