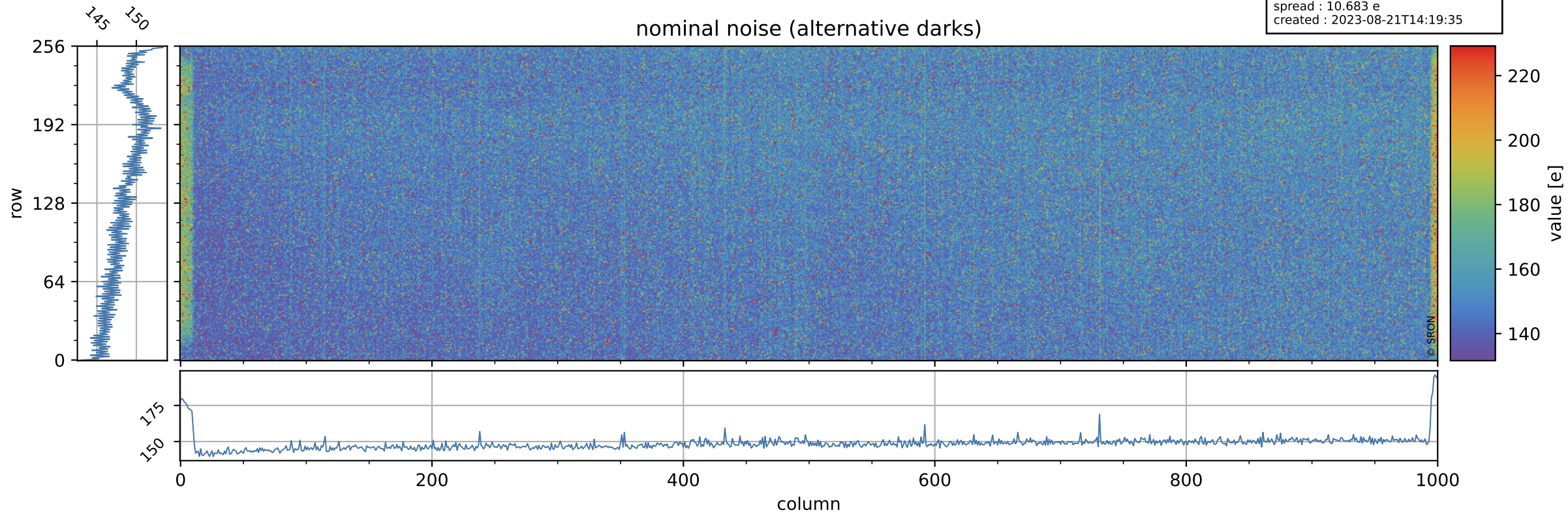


# Tropomi SWIR background noise (swir)

orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.34 e  
spread : 10.683 e  
created : 2023-08-21T14:19:35

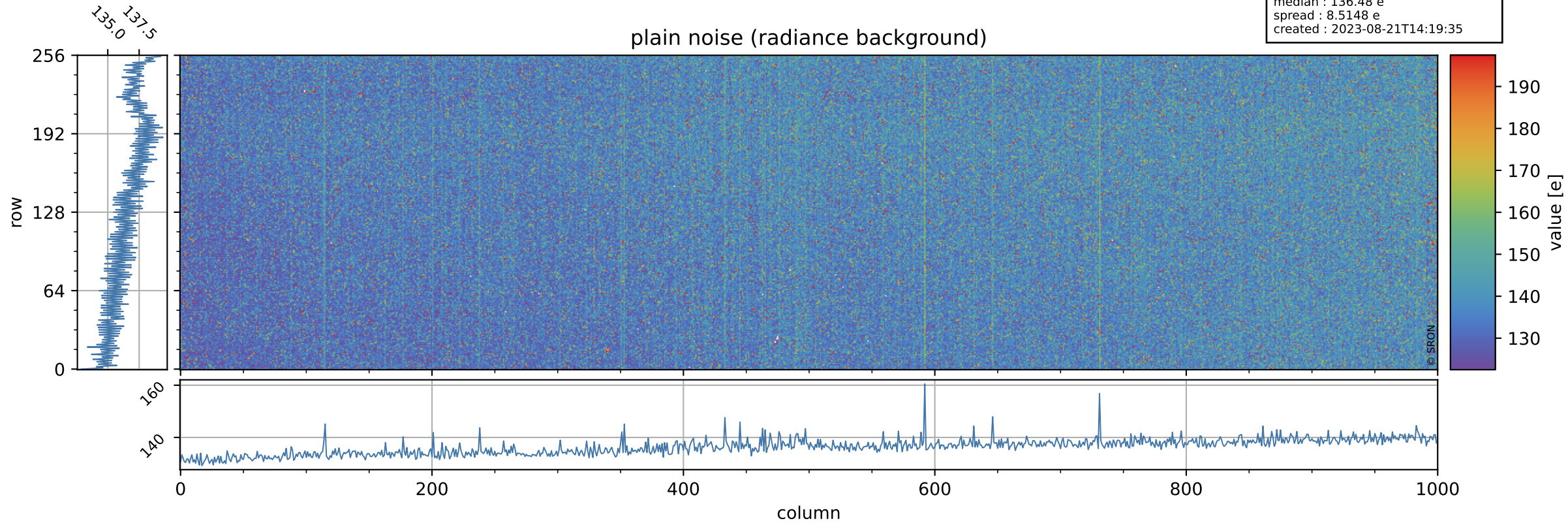
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
n\_coad, t\_exp : 2, 0.5383  
median : 136.48 e  
spread : 8.5148 e  
created : 2023-08-21T14:19:35

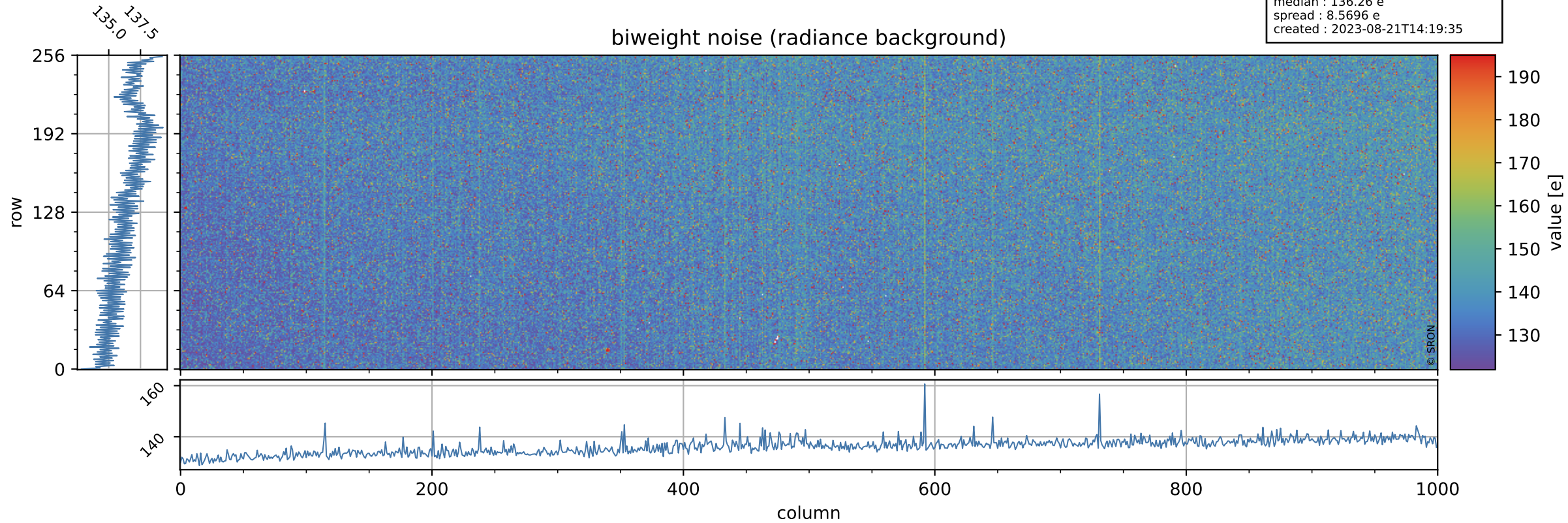
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

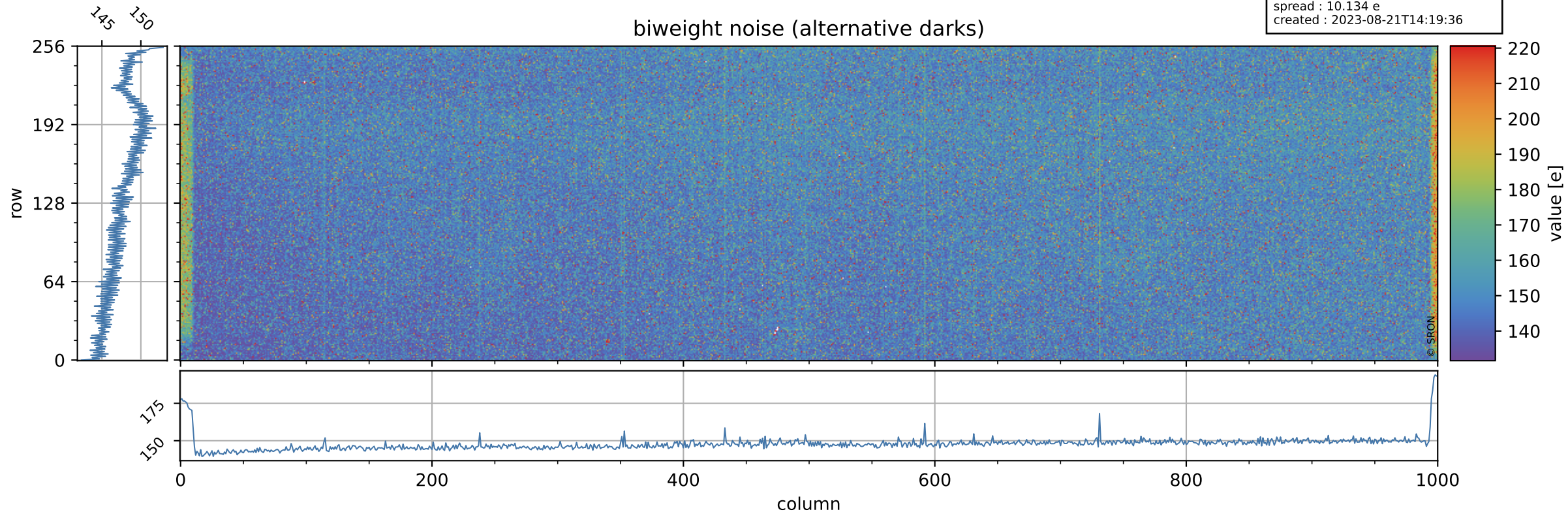
orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
n\_coad, t\_exp : 2, 0.5383  
median : 136.26 e  
spread : 8.5696 e  
created : 2023-08-21T14:19:35

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

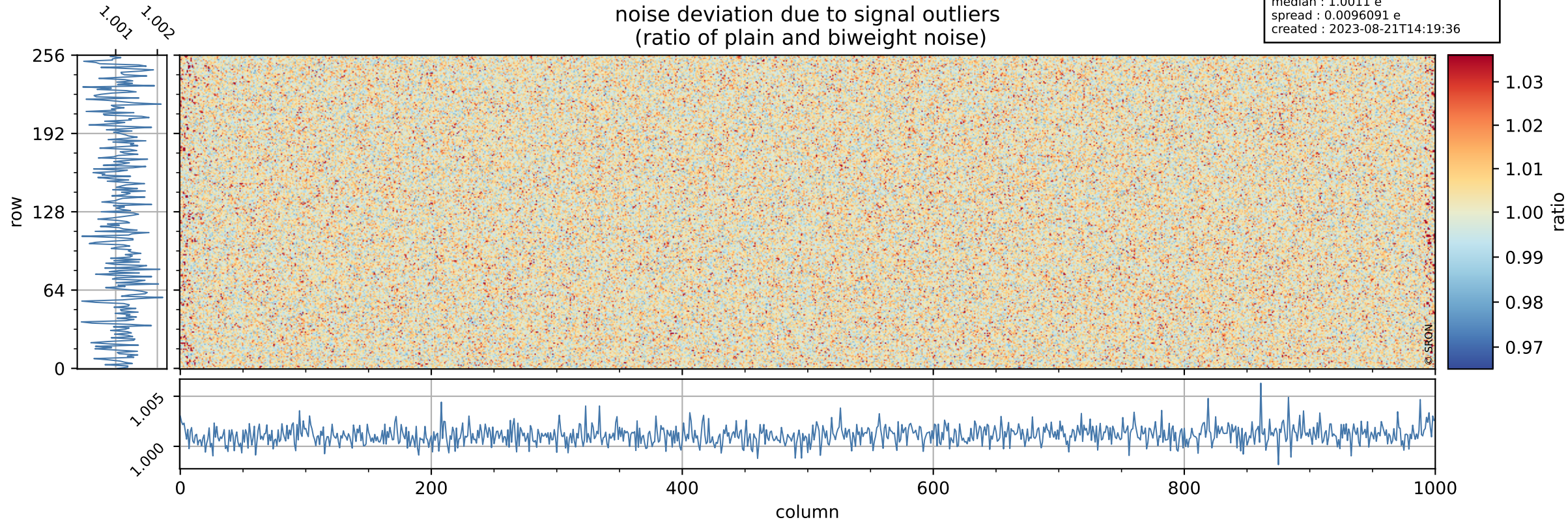
orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.53 e  
spread : 10.134 e  
created : 2023-08-21T14:19:36



# Tropomi SWIR background noise (swir)

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

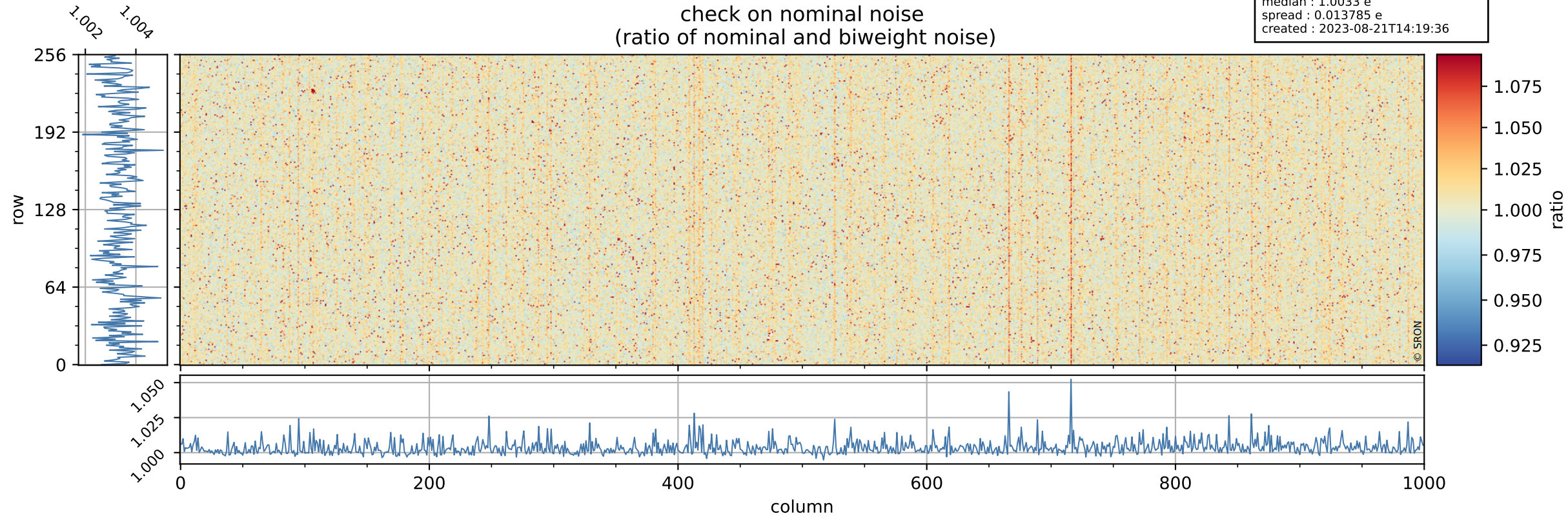
orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
median : 1.0011 e  
spread : 0.0096091 e  
created : 2023-08-21T14:19:36



# Tropomi SWIR background noise (swir)

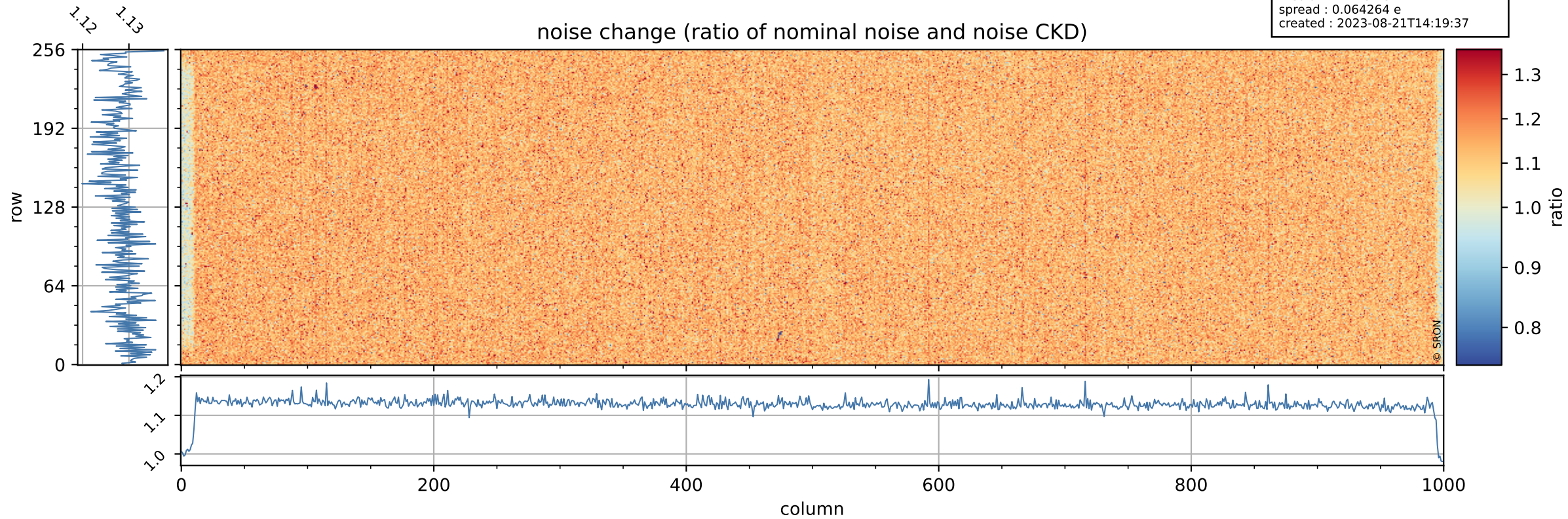
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
median : 1.0033 e  
spread : 0.013785 e  
created : 2023-08-21T14:19:36



# Tropomi SWIR background noise (swir)

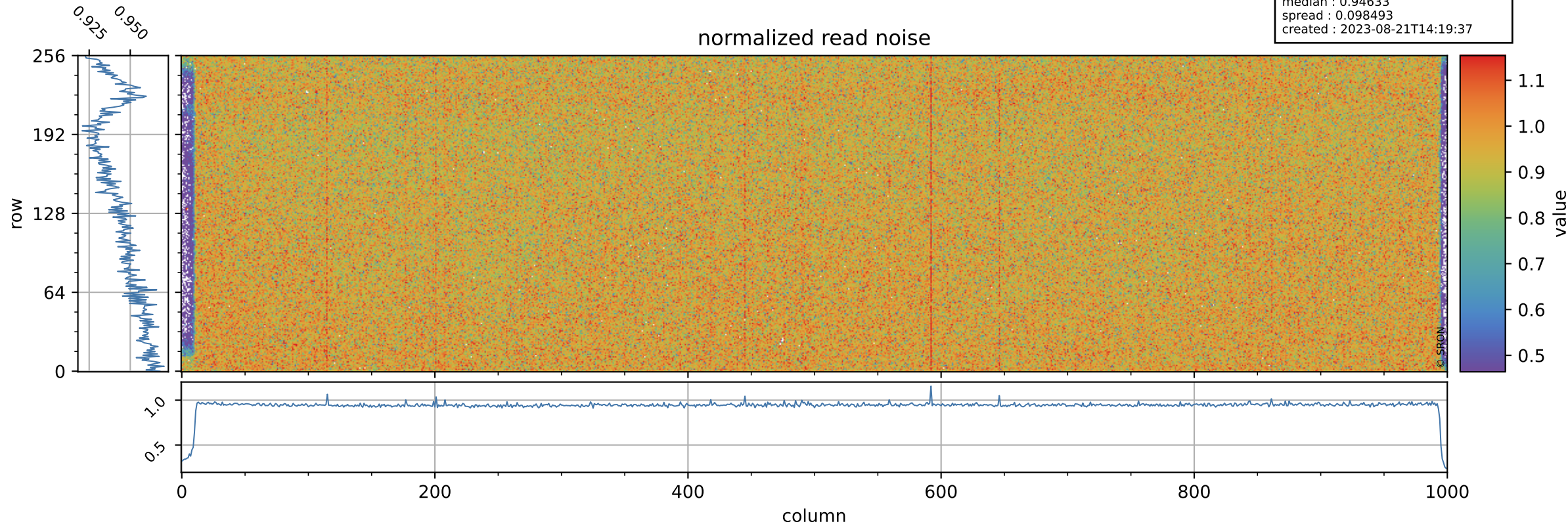
orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
median : 1.1282 e  
spread : 0.064264 e  
created : 2023-08-21T14:19:37



# Tropomi SWIR background noise (swir)

orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
median : 0.94633  
spread : 0.098493  
created : 2023-08-21T14:19:37

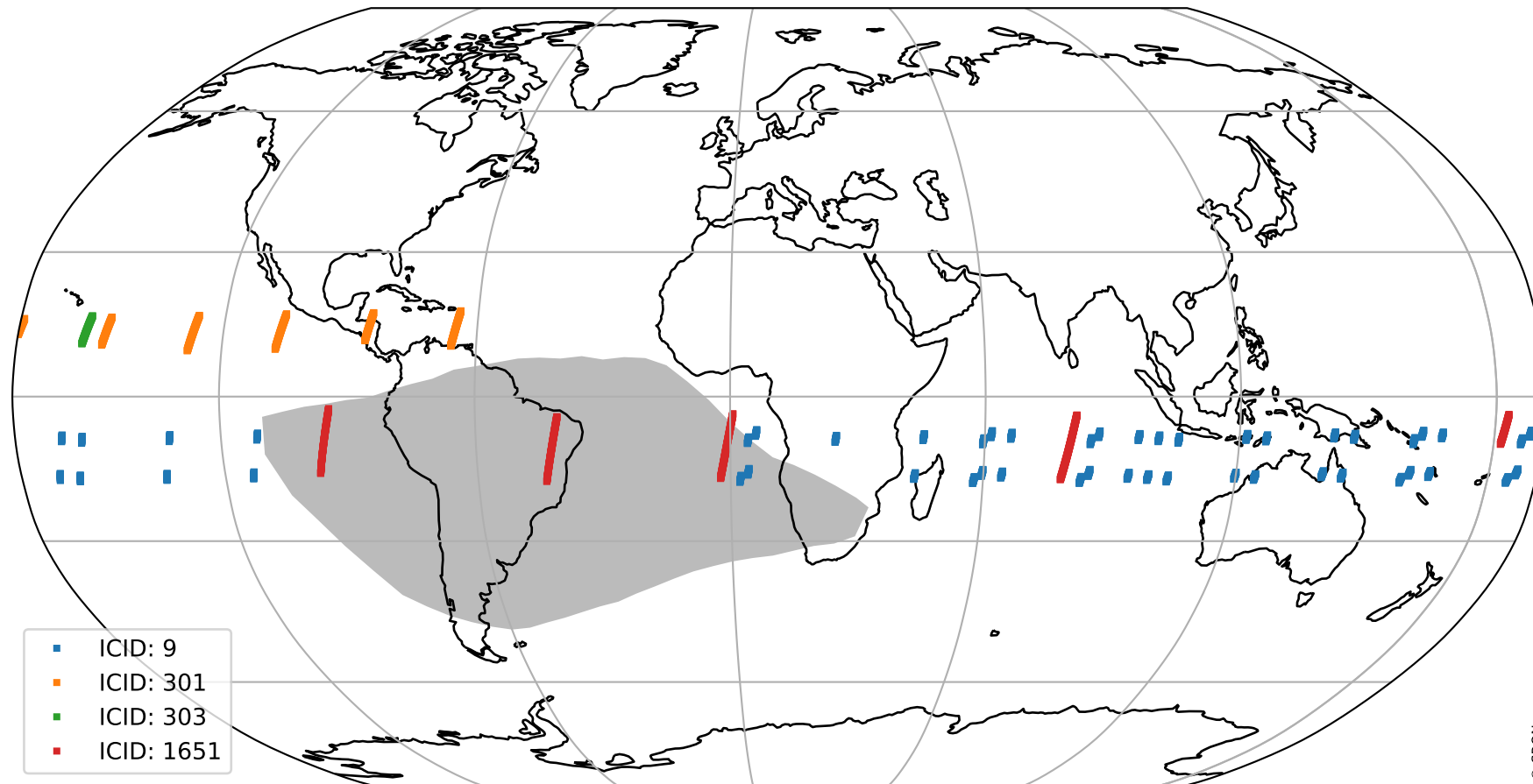
## normalized read noise





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

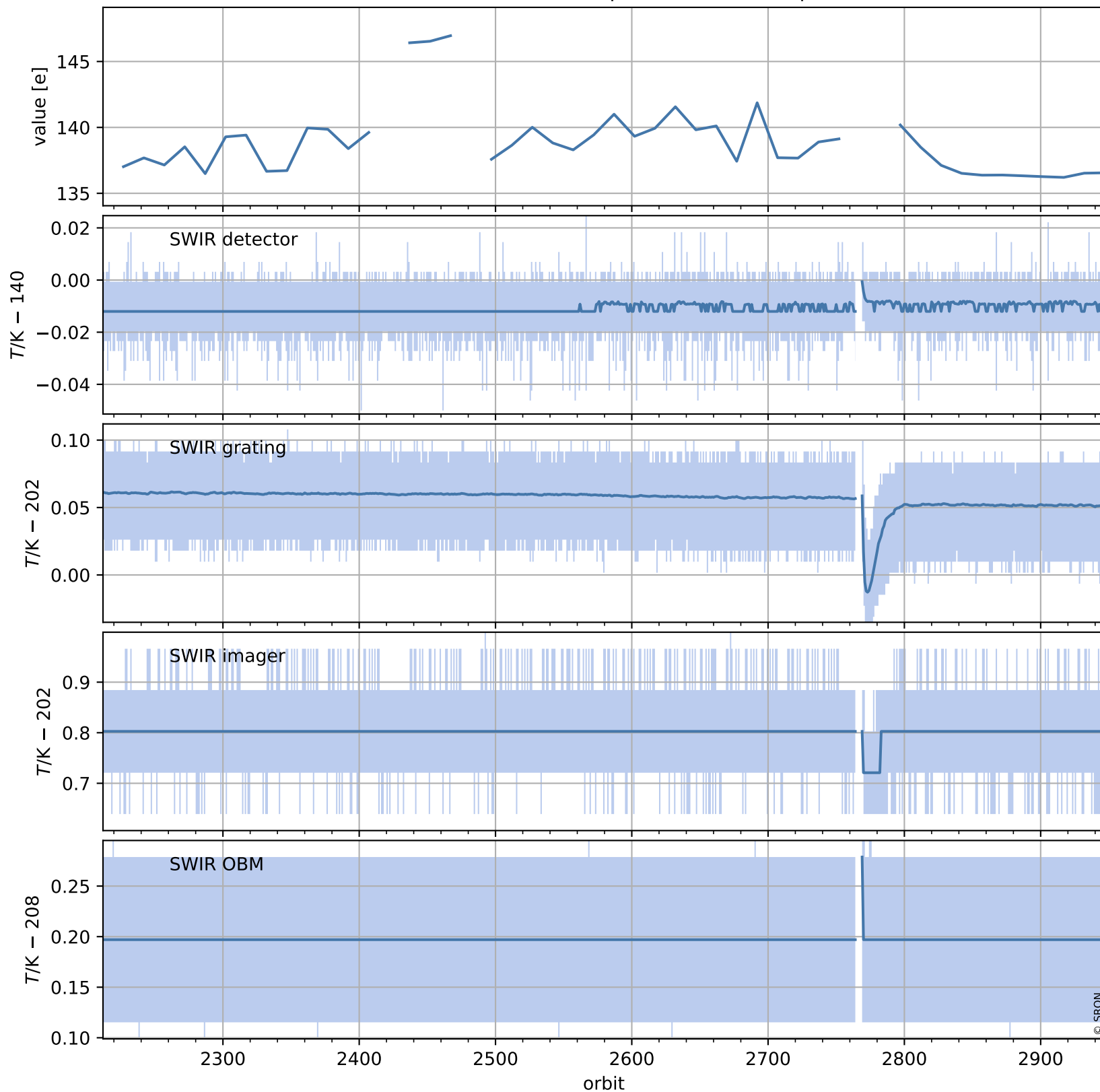
orbits : 12 in [2857, 2947]  
coverage : 2018-05-03 / 2018-05-09  
created : 2023-08-21T14:19:37



# Tropomi SWIR background noise (swir)

orbits : [2212, 2947]  
coverage : 2018-03-18 / 2018-05-09  
created : 2023-08-21T14:19:37

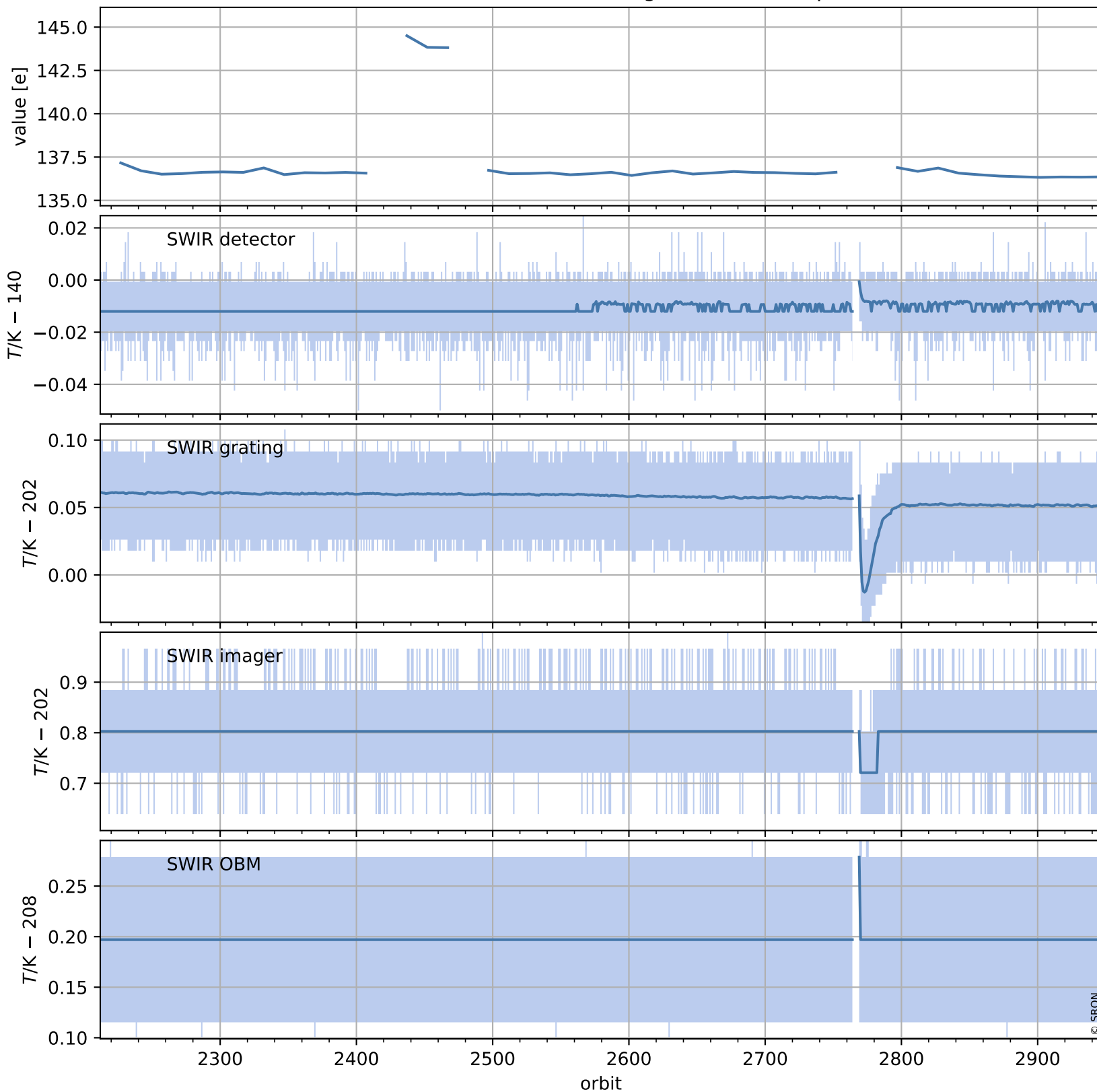
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2947]  
coverage : 2018-03-18 / 2018-05-09  
created : 2023-08-21T14:19:38

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2947]  
coverage : 2018-03-18 / 2018-05-09  
created : 2023-08-21T14:19:38

## trend of normalized read-noise & temperatures

