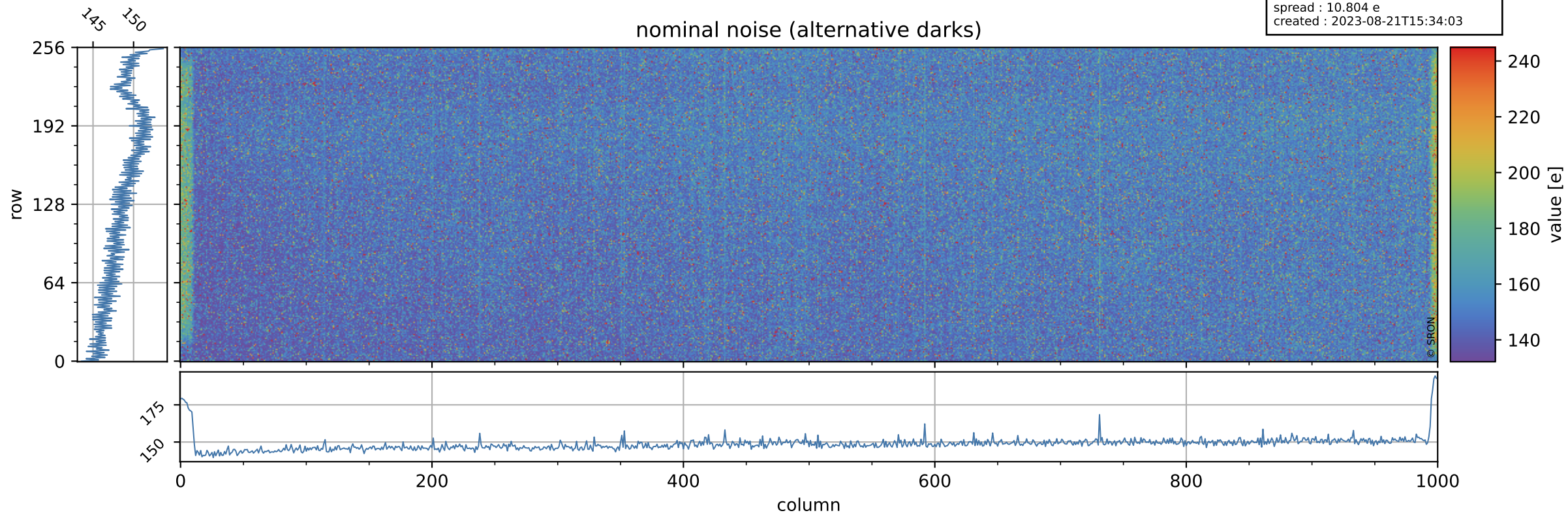


# Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
n\_coad, t\_exp : 1, 1.0783  
median : 148.52 e  
spread : 10.804 e  
created : 2023-08-21T15:34:03

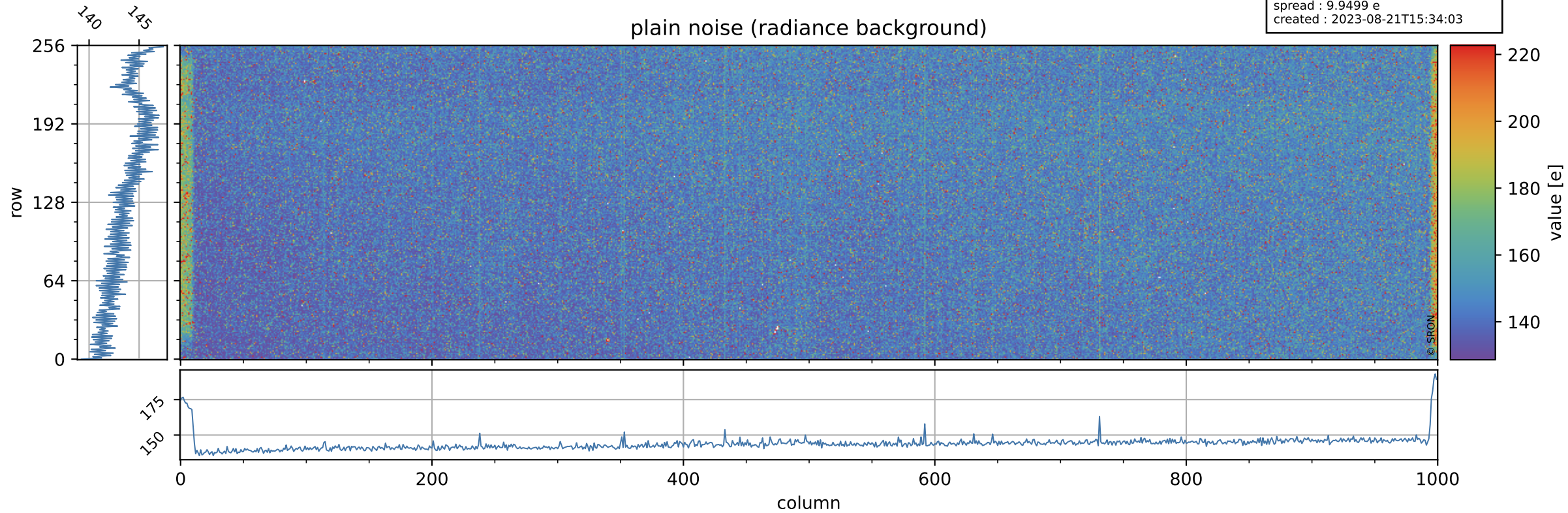
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.58 e  
spread : 9.9499 e  
created : 2023-08-21T15:34:03

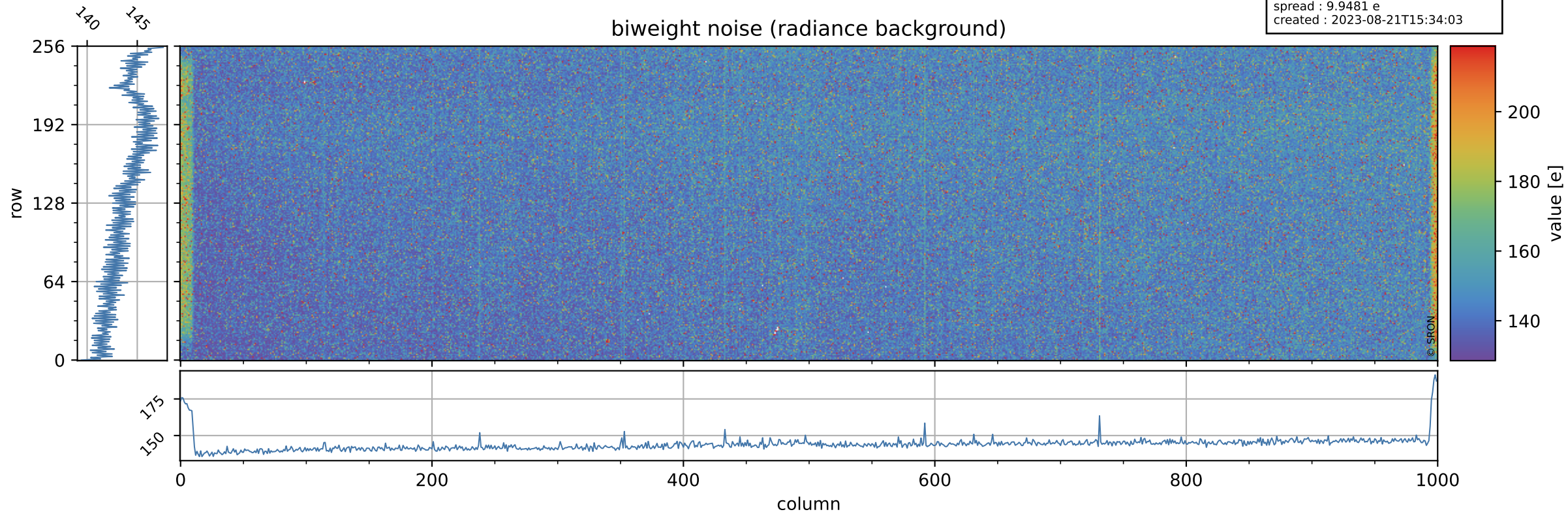
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.73 e  
spread : 9.9481 e  
created : 2023-08-21T15:34:03

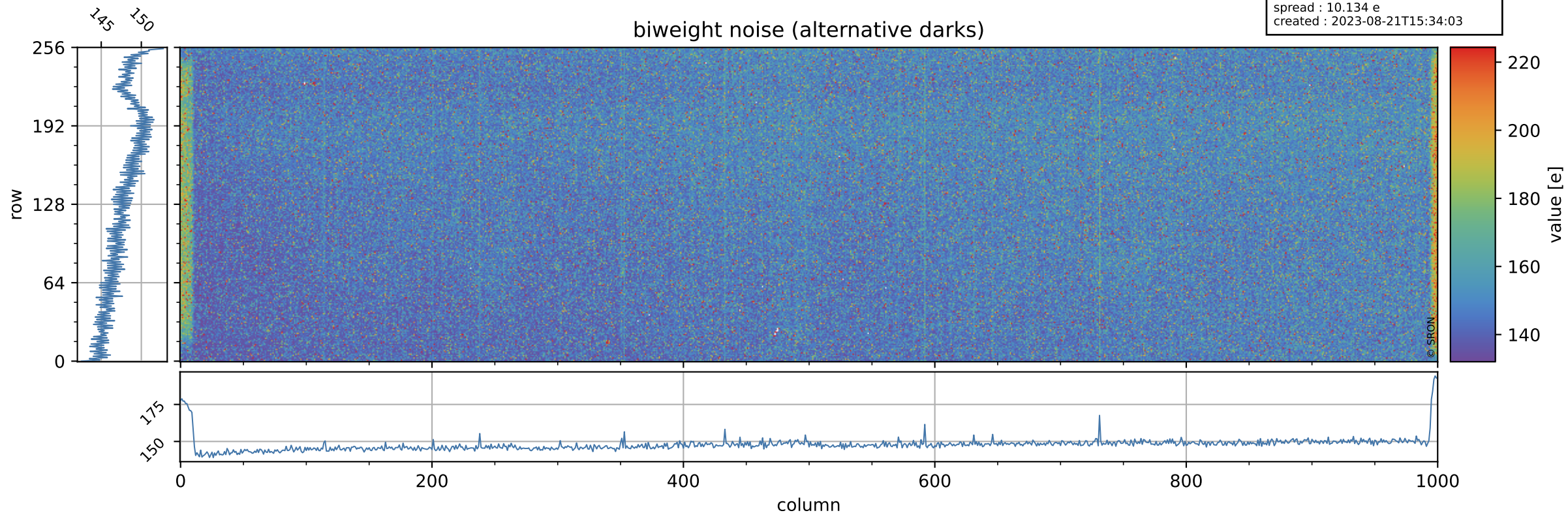
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
n\_coad, t\_exp : 1, 1.0783  
median : 147.65 e  
spread : 10.134 e  
created : 2023-08-21T15:34:03

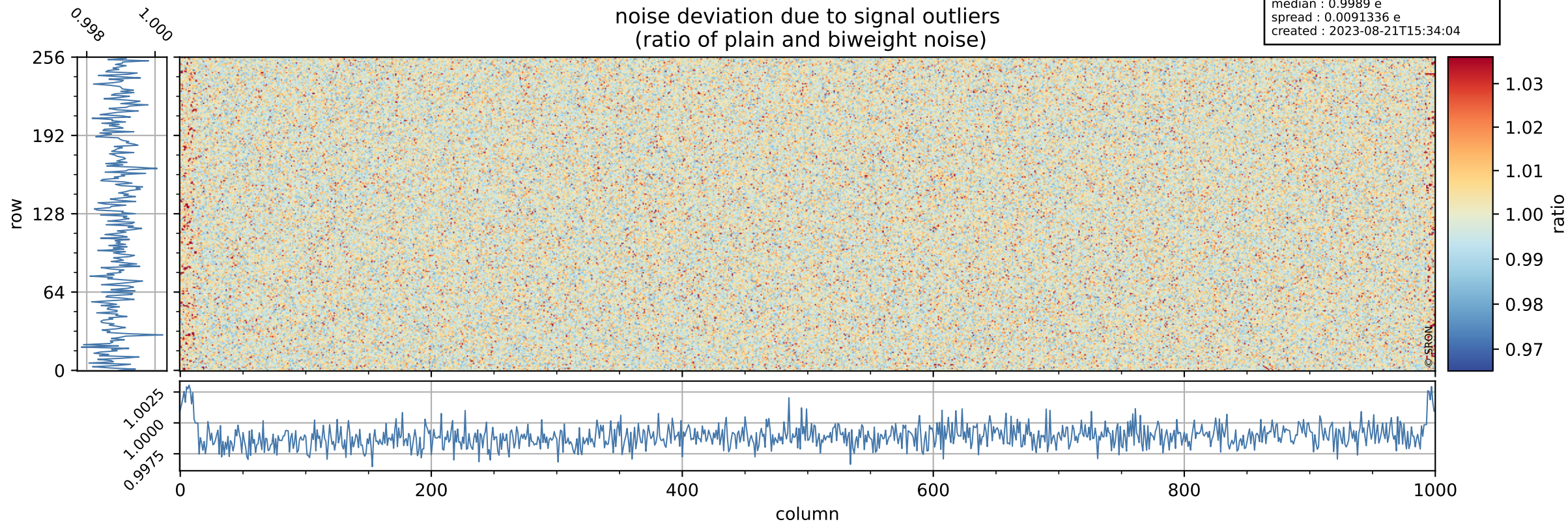
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

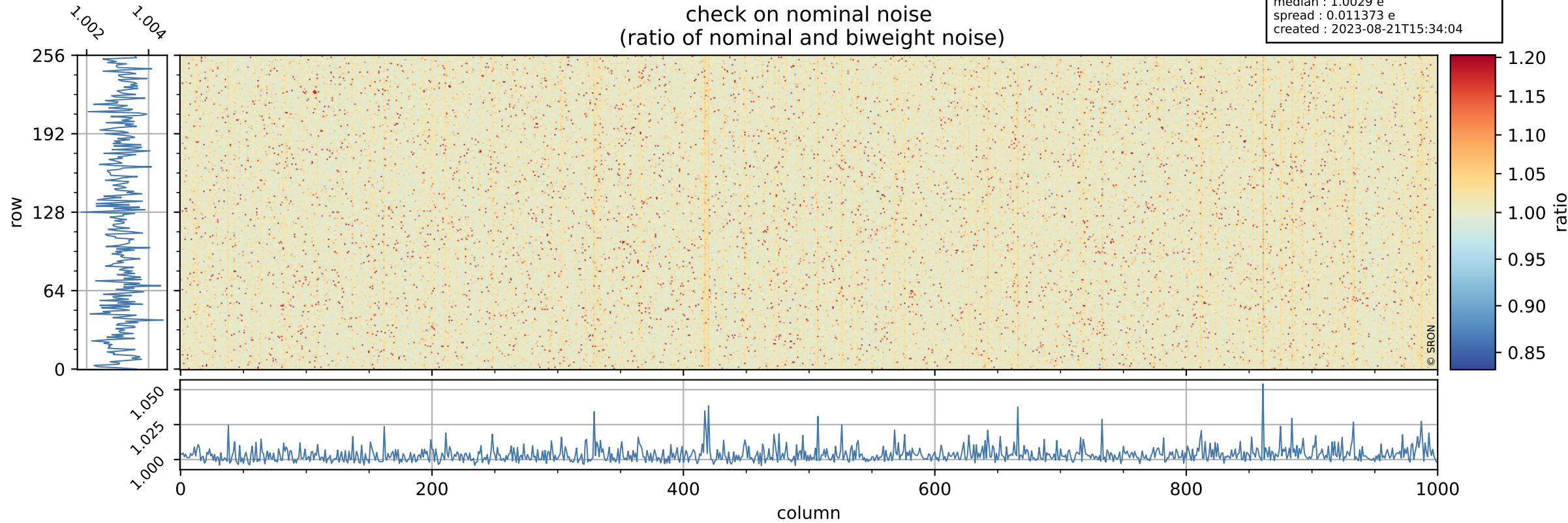
orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
median : 0.9989 e  
spread : 0.0091336 e  
created : 2023-08-21T15:34:04



# Tropomi SWIR background noise (swir)

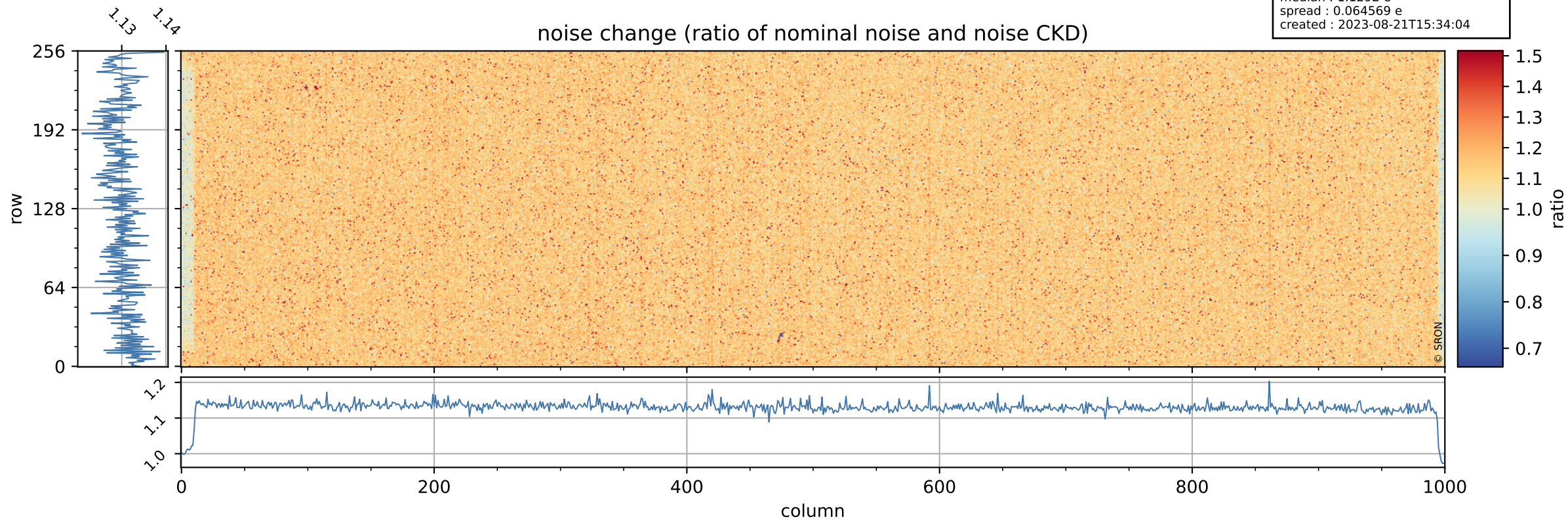
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
median : 1.0029 e  
spread : 0.011373 e  
created : 2023-08-21T15:34:04



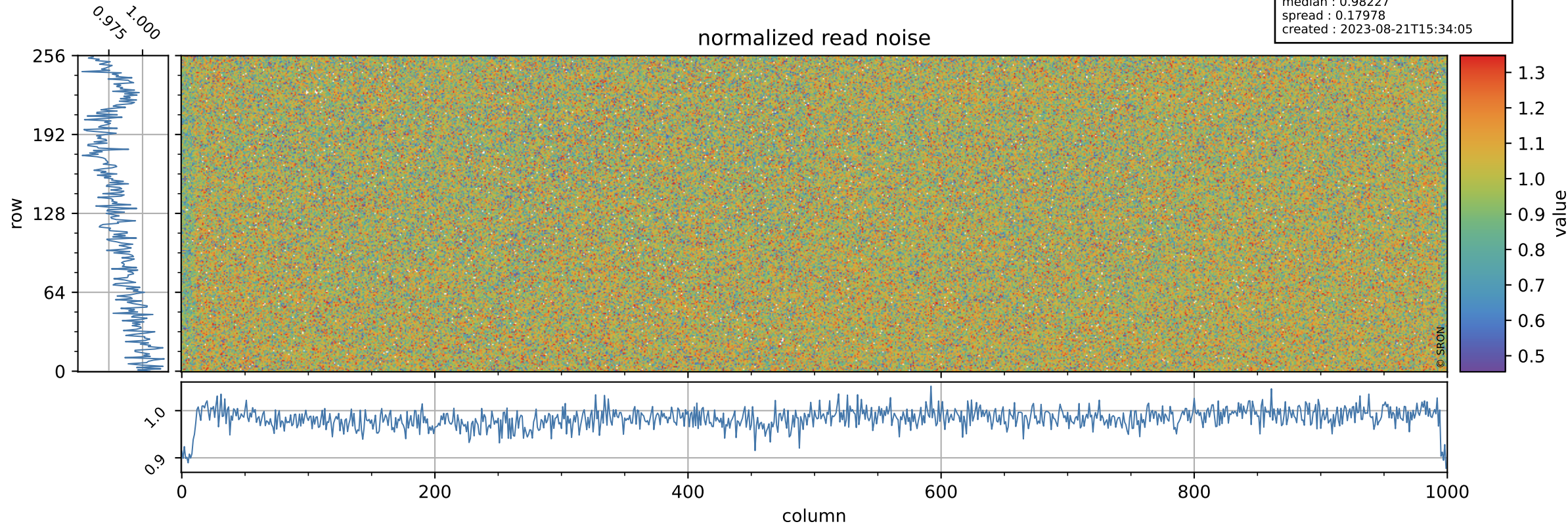
# Tropomi SWIR background noise (swir)

orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
median : 1.1292 e  
spread : 0.064569 e  
created : 2023-08-21T15:34:04



# Tropomi SWIR background noise (swir)

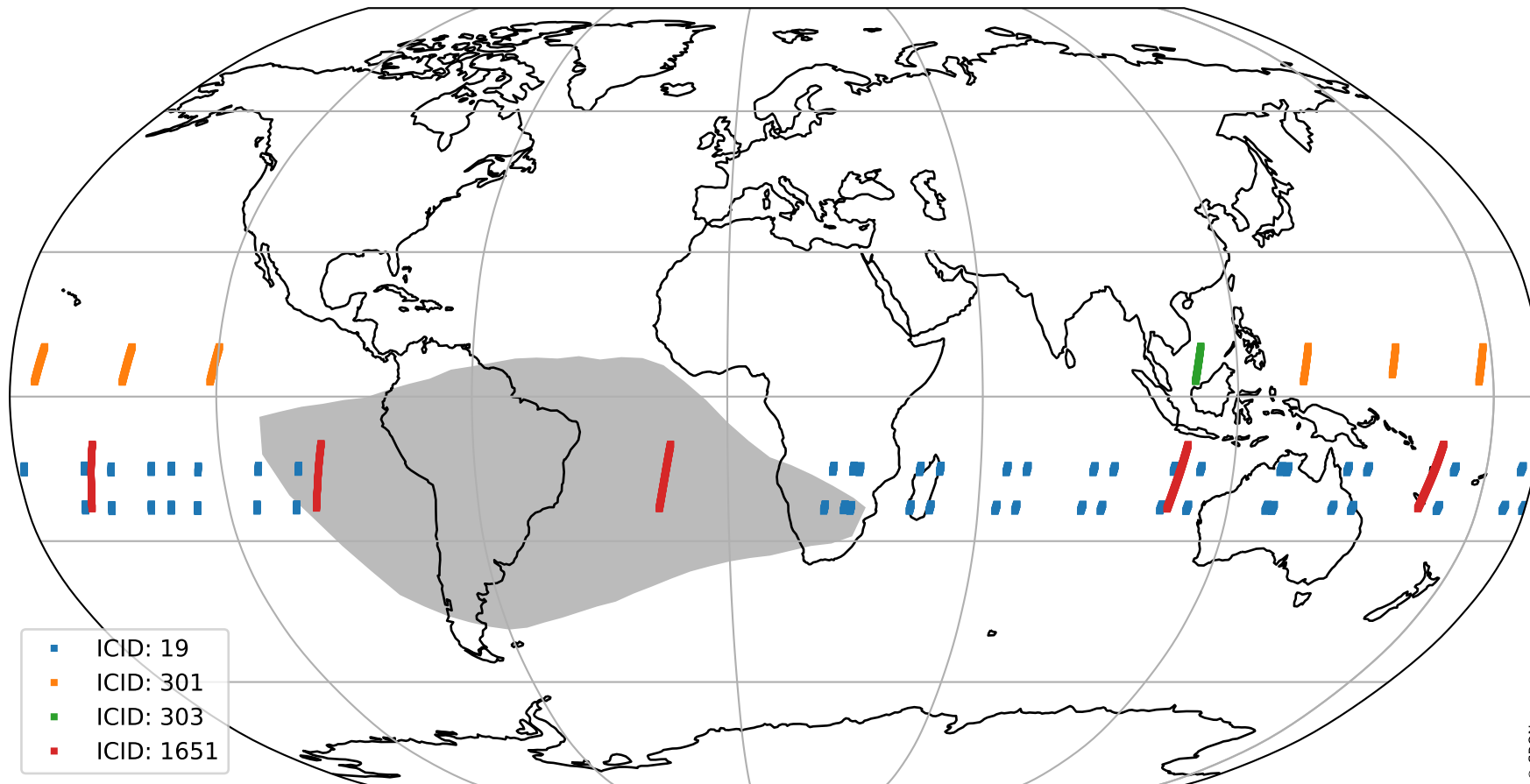
orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
median : 0.98227  
spread : 0.17978  
created : 2023-08-21T15:34:05





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

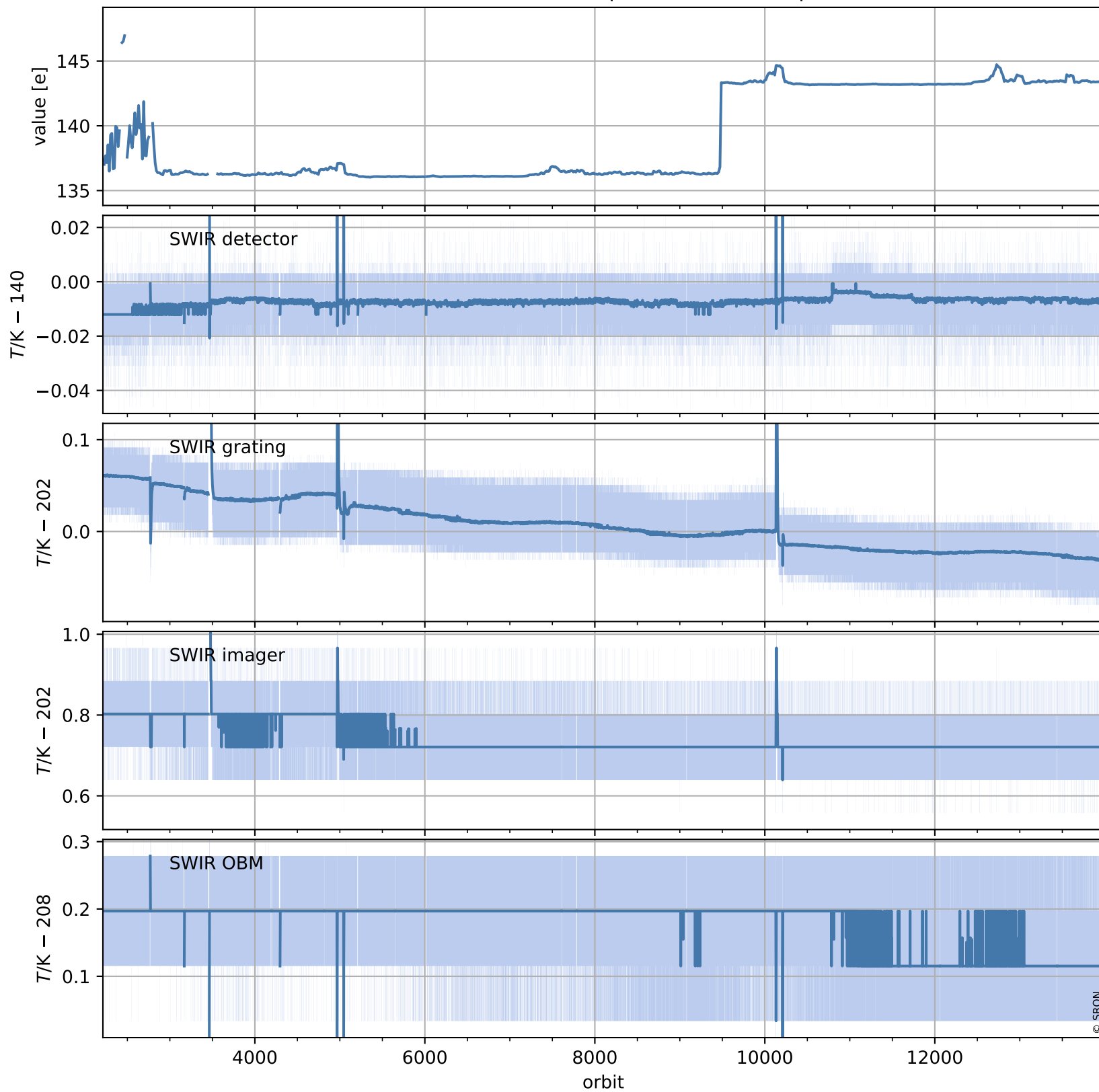
orbits : 12 in [13897, 13987]  
coverage : 2020-06-19 / 2020-06-25  
created : 2023-08-21T15:34:05



# Tropomi SWIR background noise (swir)

orbits : [2212, 13987]  
coverage : 2018-03-18 / 2020-06-25  
created : 2023-08-21T15:34:05

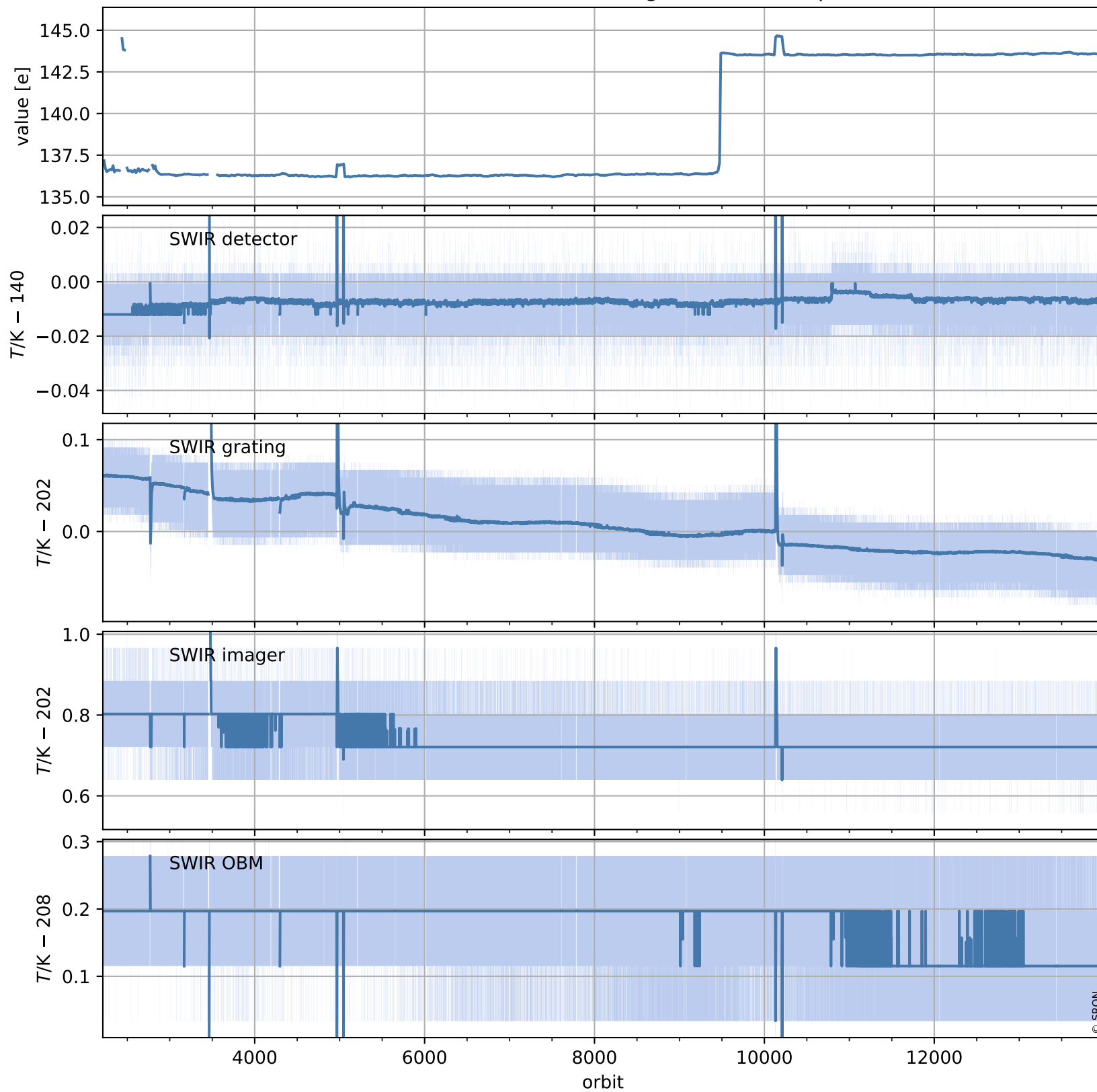
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 13987]  
coverage : 2018-03-18 / 2020-06-25  
created : 2023-08-21T15:34:06

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 13987]  
coverage : 2018-03-18 / 2020-06-25  
created : 2023-08-21T15:34:07

## trend of normalized read-noise & temperatures

