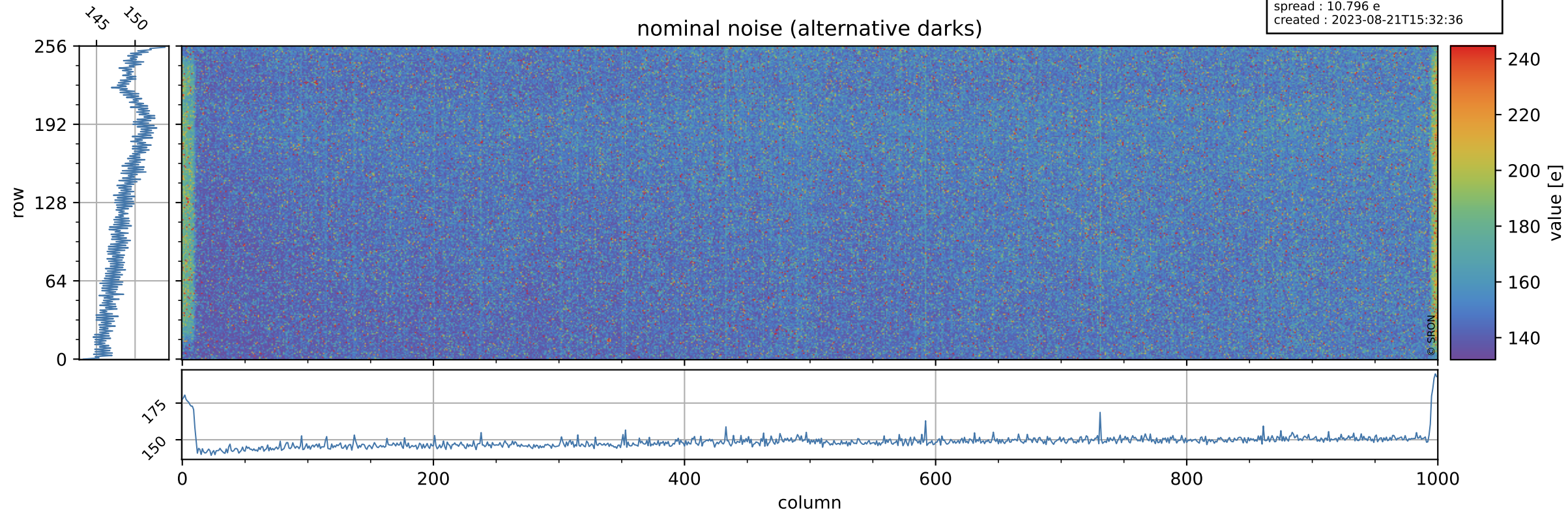


# Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
n\_coad, t\_exp : 1, 1.0783  
median : 148.52 e  
spread : 10.796 e  
created : 2023-08-21T15:32:36

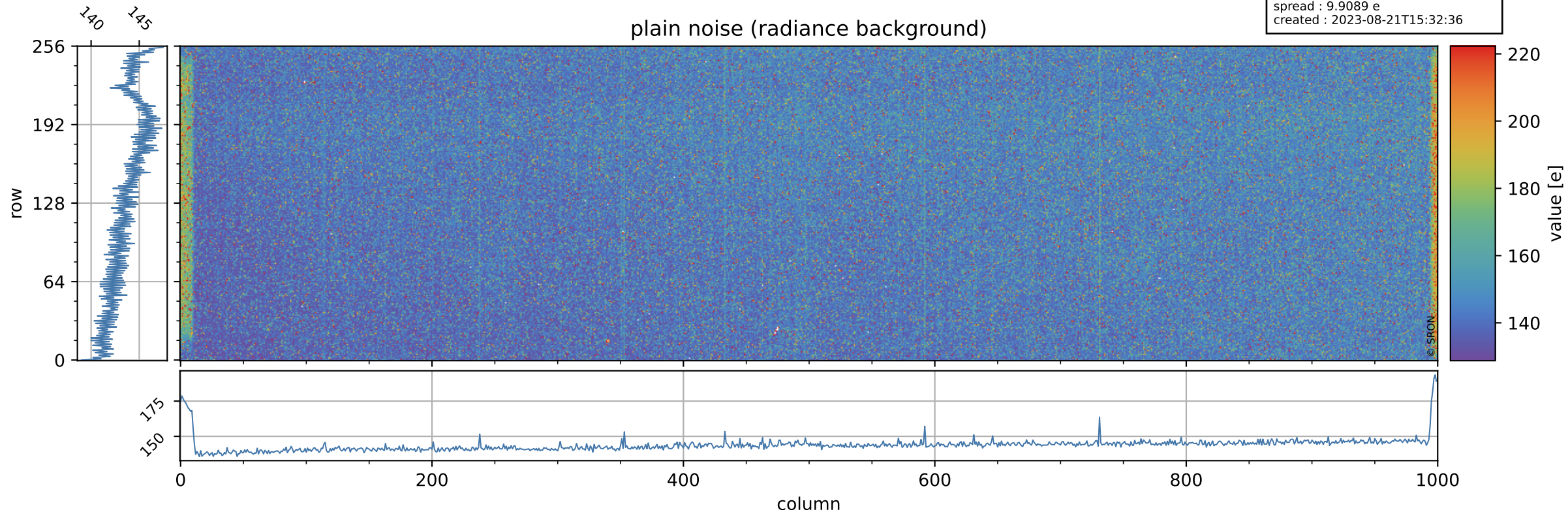
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.58 e  
spread : 9.9089 e  
created : 2023-08-21T15:32:36

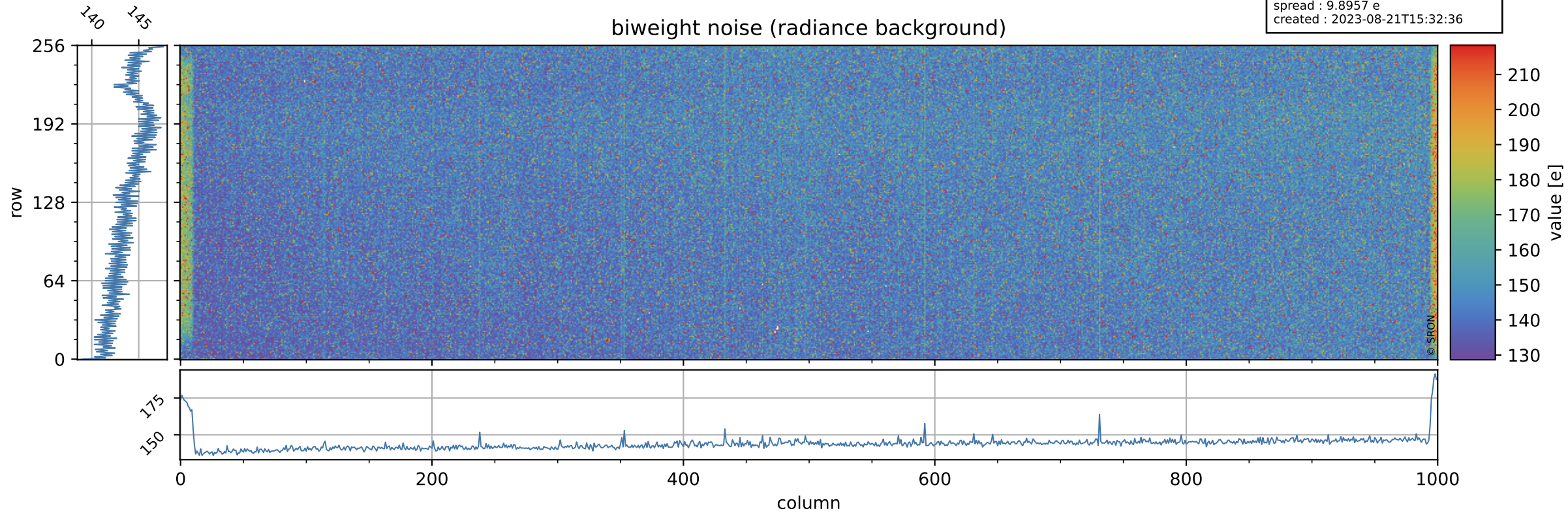
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
n\_coad, t\_exp : 1, 0.8383  
median : 143.73 e  
spread : 9.8957 e  
created : 2023-08-21T15:32:36

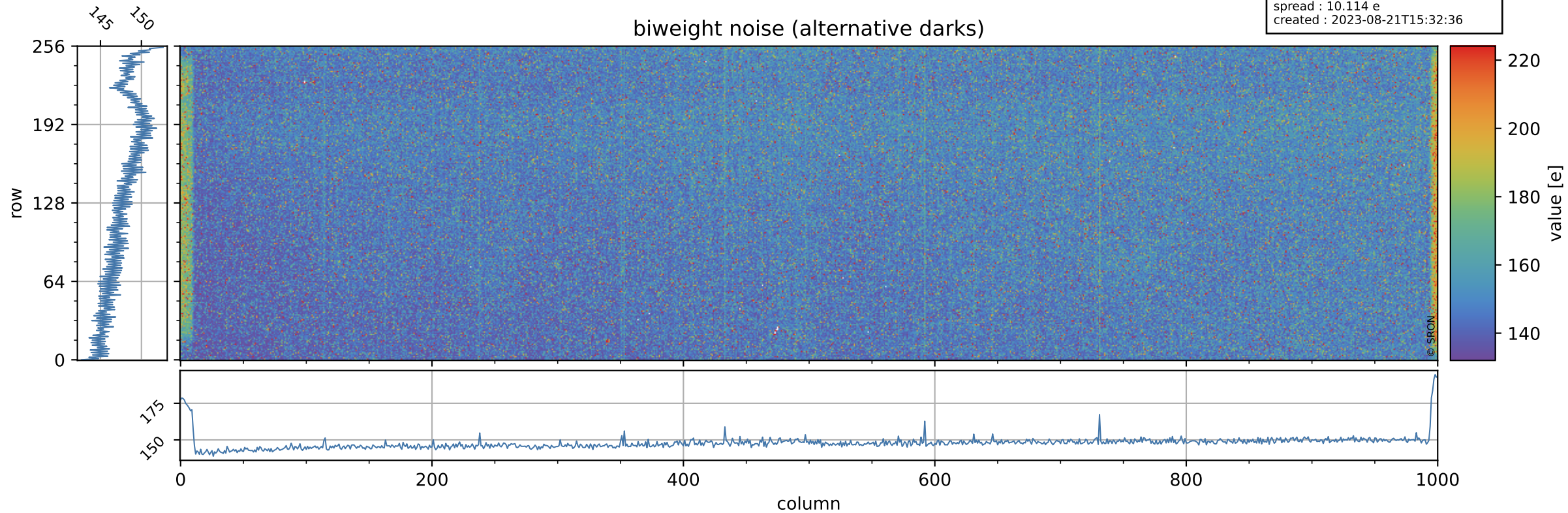
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
n\_coad, t\_exp : 1, 1.0783  
median : 147.67 e  
spread : 10.114 e  
created : 2023-08-21T15:32:36

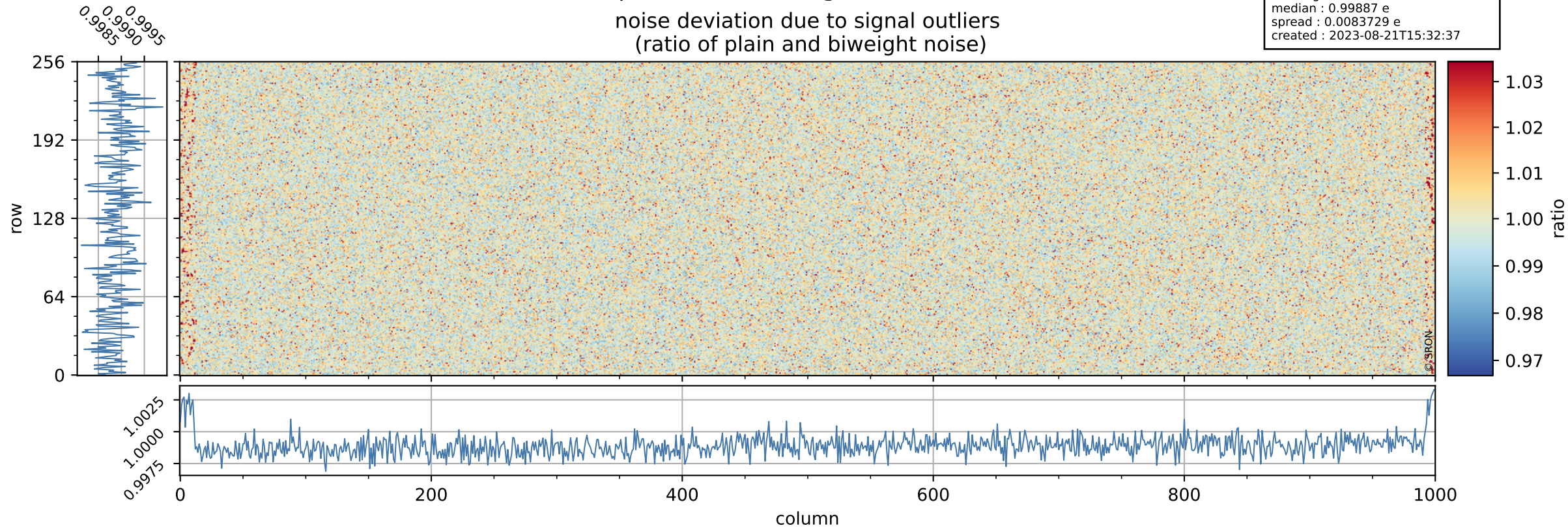
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

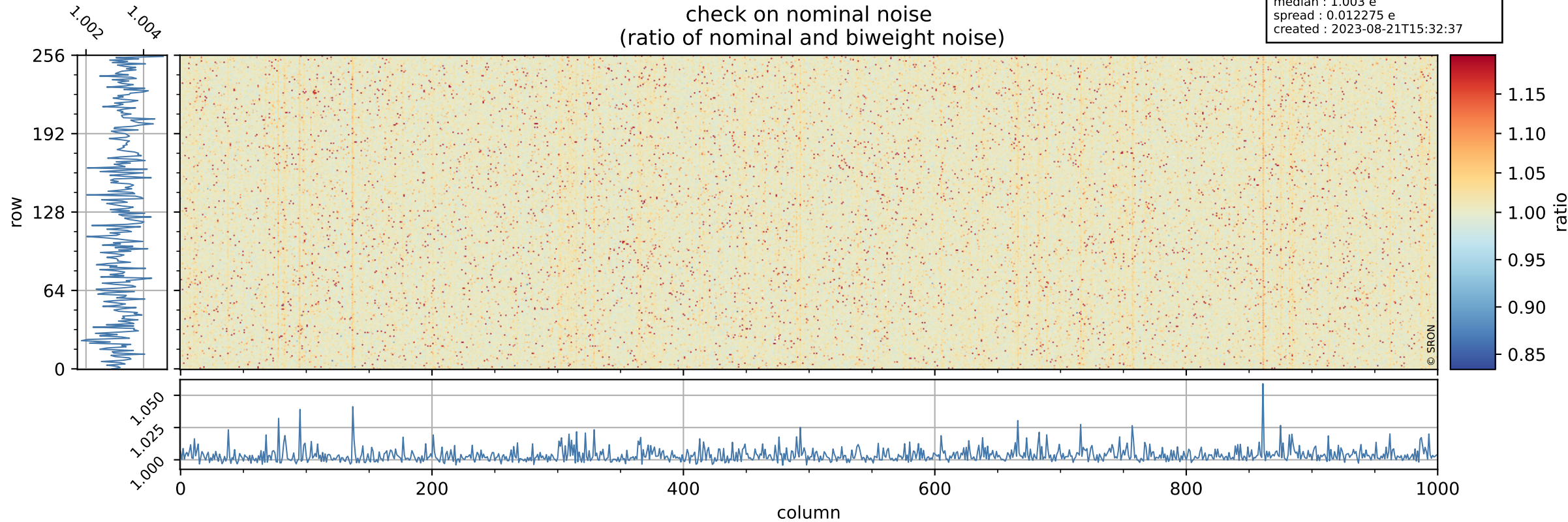
orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
median : 0.99887 e  
spread : 0.0083729 e  
created : 2023-08-21T15:32:37



# Tropomi SWIR background noise (swir)

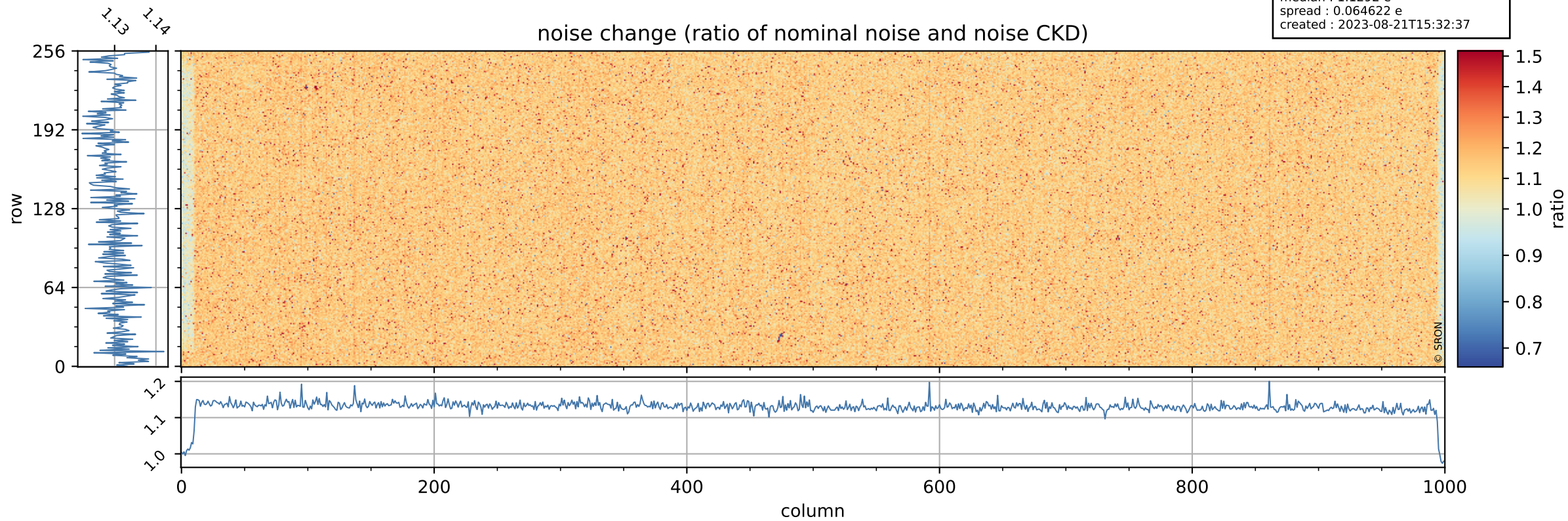
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
median : 1.003 e  
spread : 0.012275 e  
created : 2023-08-21T15:32:37



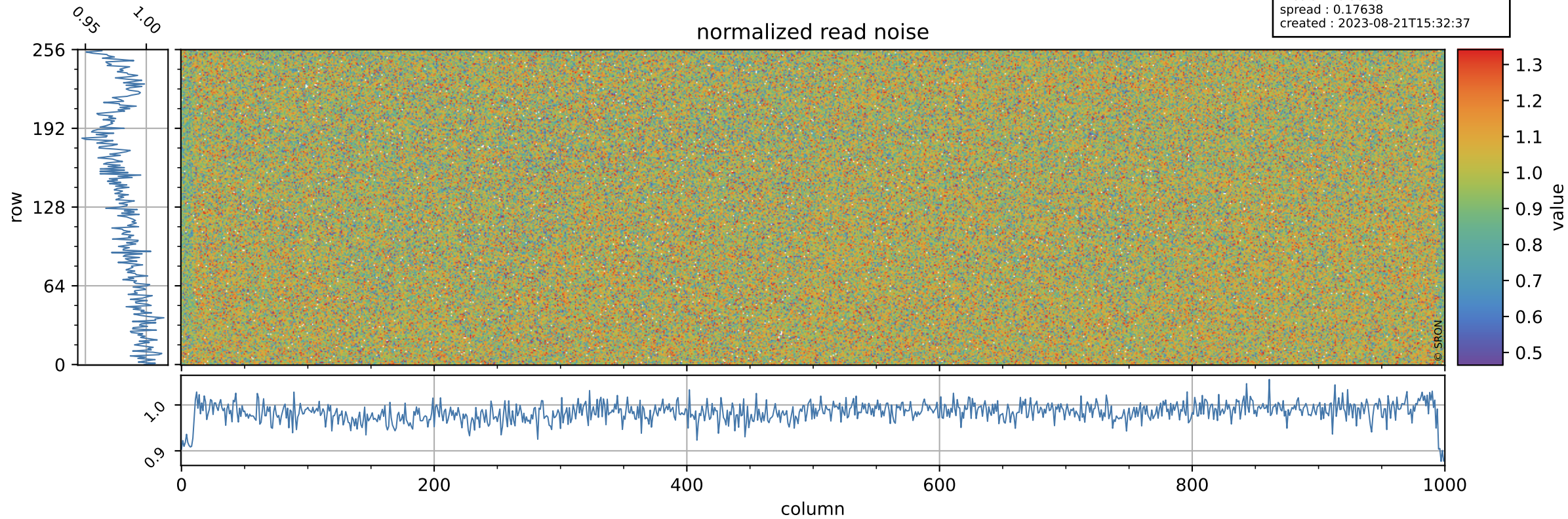
# Tropomi SWIR background noise (swir)

orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
median : 1.1292 e  
spread : 0.064622 e  
created : 2023-08-21T15:32:37



# Tropomi SWIR background noise (swir)

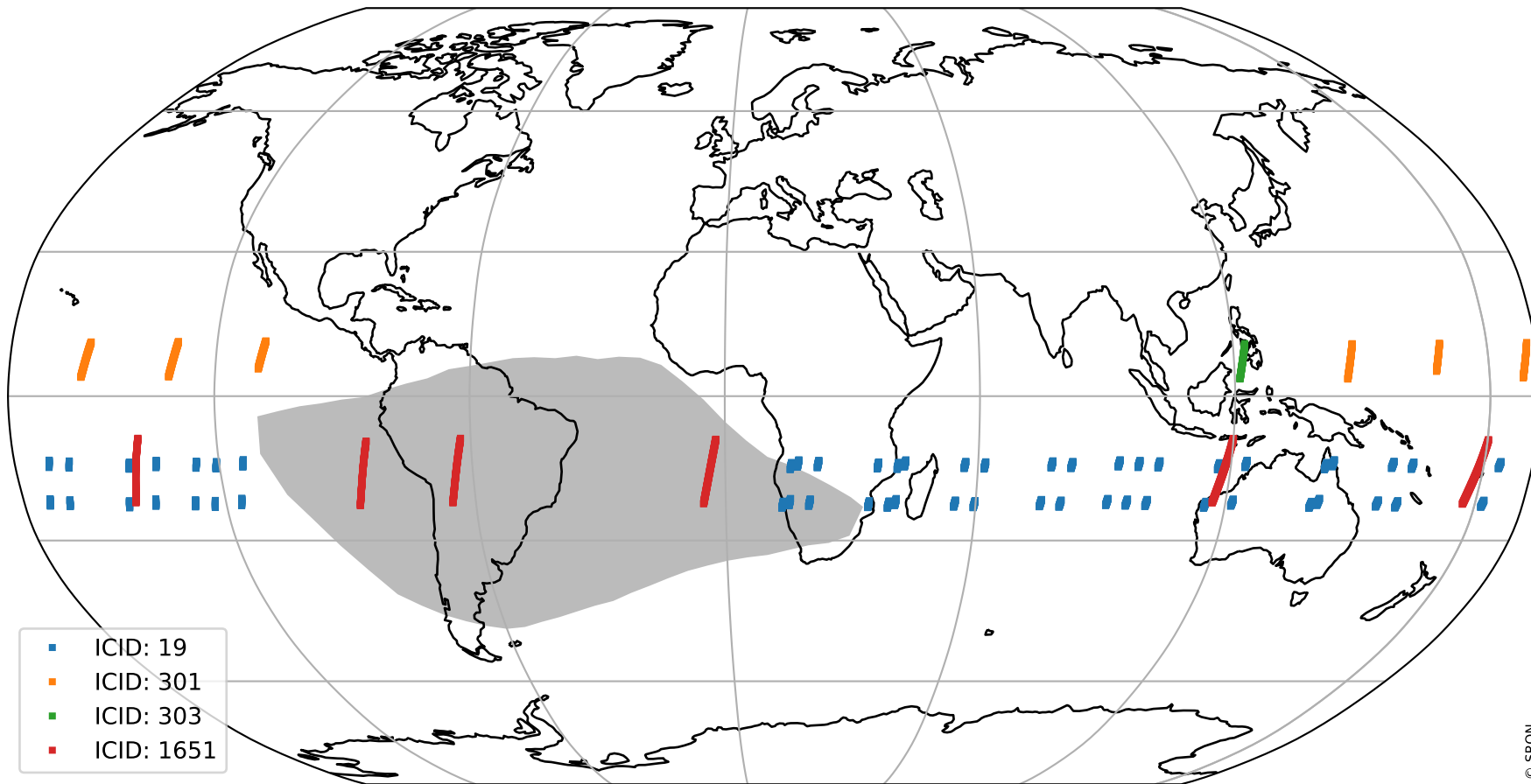
orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
median : 0.98207  
spread : 0.17638  
created : 2023-08-21T15:32:37





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

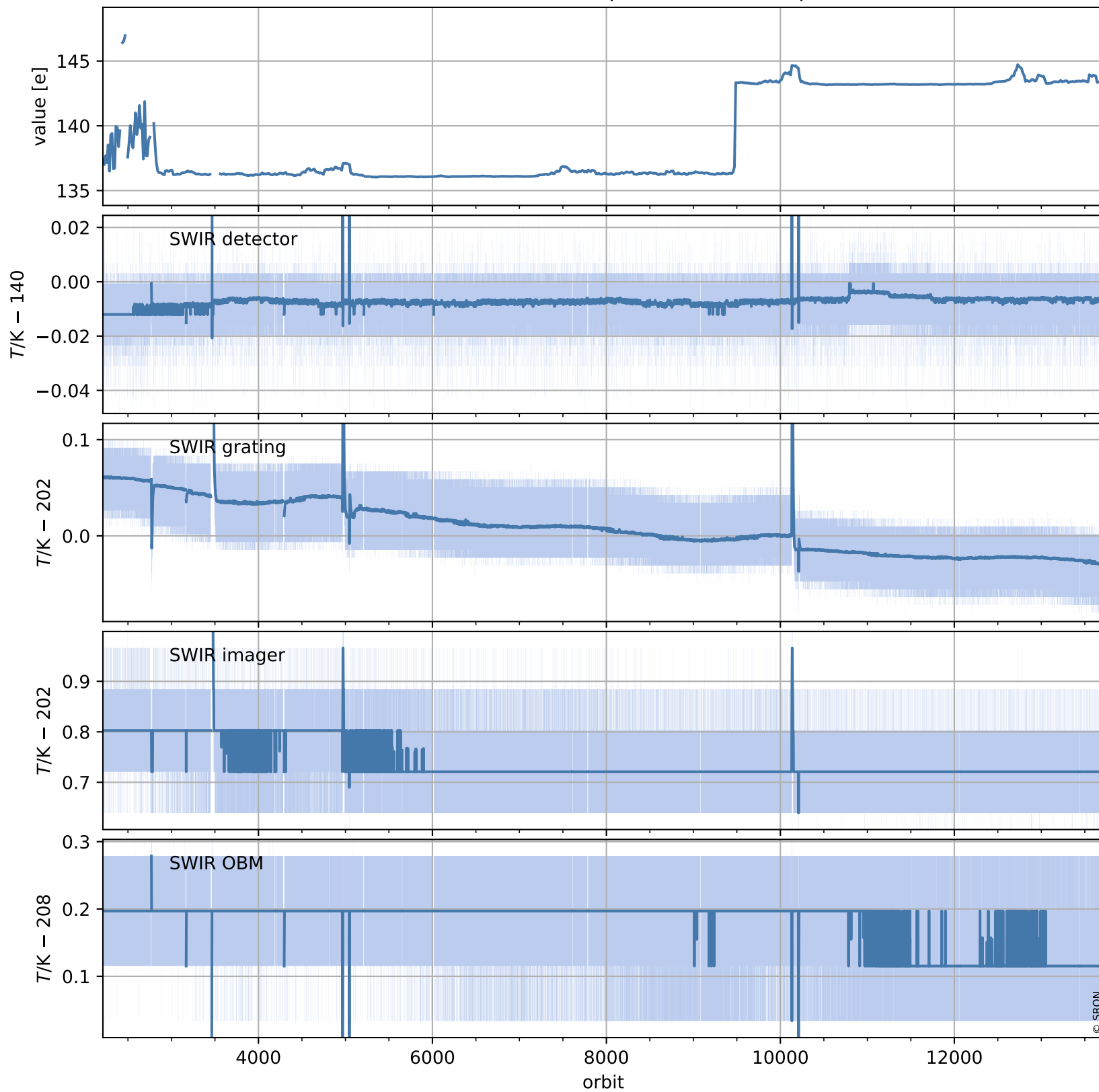
orbits : 13 in [13627, 13717]  
coverage : 2020-05-31 / 2020-06-06  
created : 2023-08-21T15:32:38



# Tropomi SWIR background noise (swir)

orbits : [2212, 13717]  
coverage : 2018-03-18 / 2020-06-06  
created : 2023-08-21T15:32:38

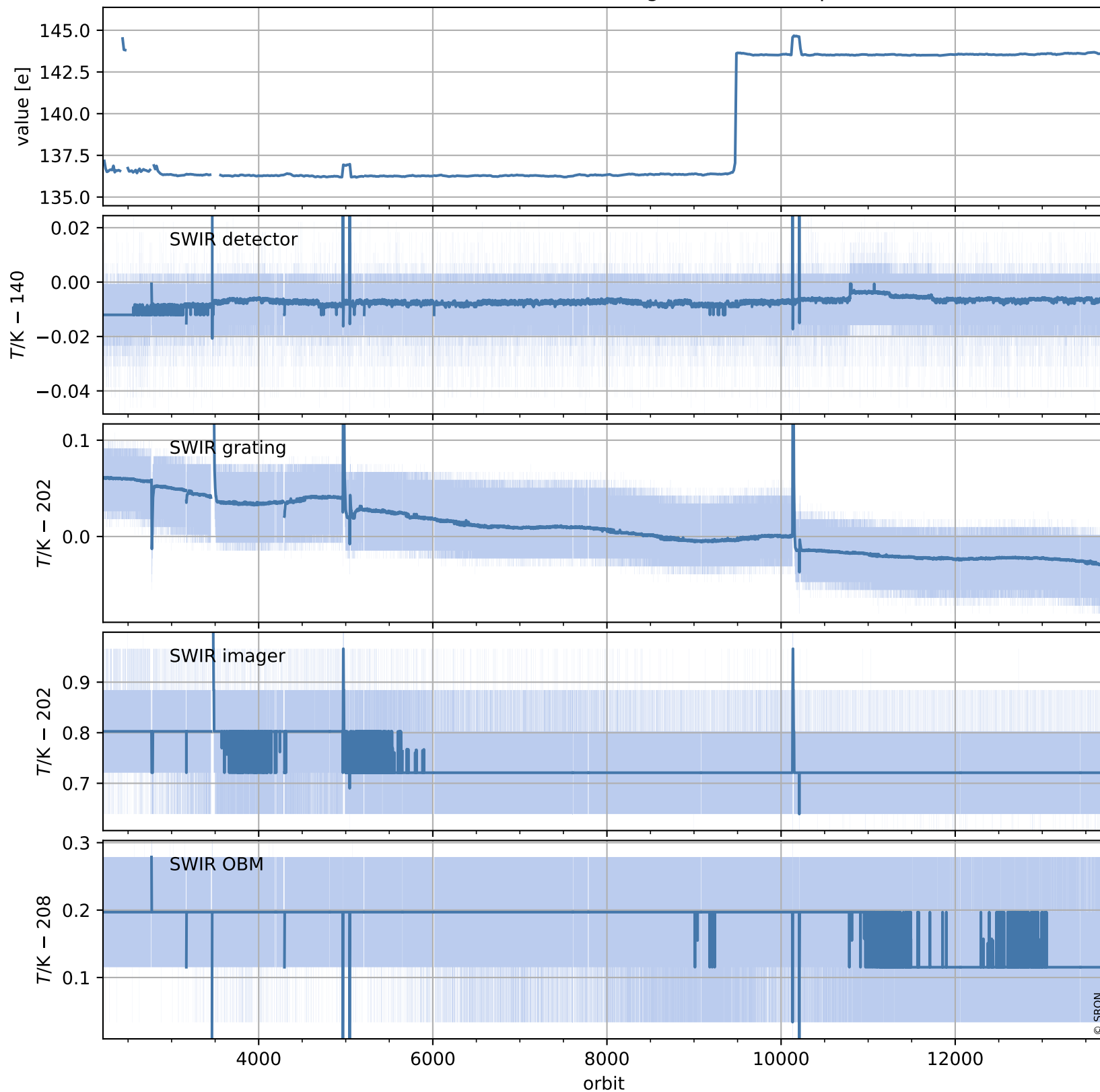
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 13717]  
coverage : 2018-03-18 / 2020-06-06  
created : 2023-08-21T15:32:39

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 13717]  
coverage : 2018-03-18 / 2020-06-06  
created : 2023-08-21T15:32:39

## trend of normalized read-noise & temperatures

