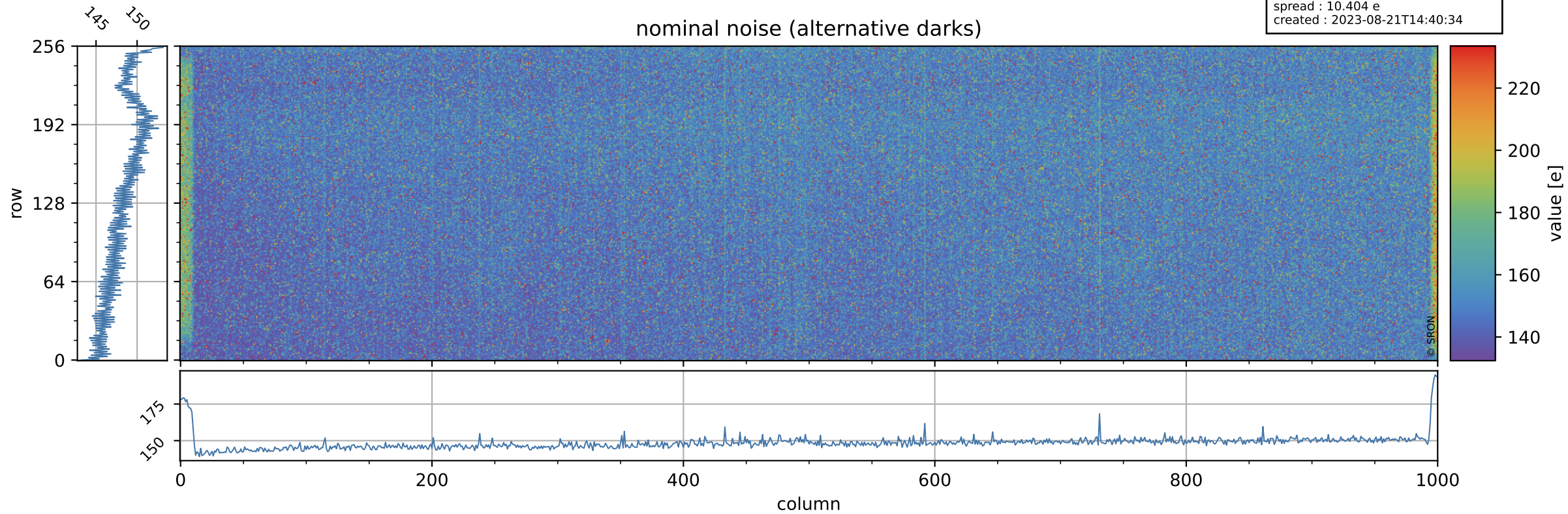


# Tropomi SWIR background noise (swir)

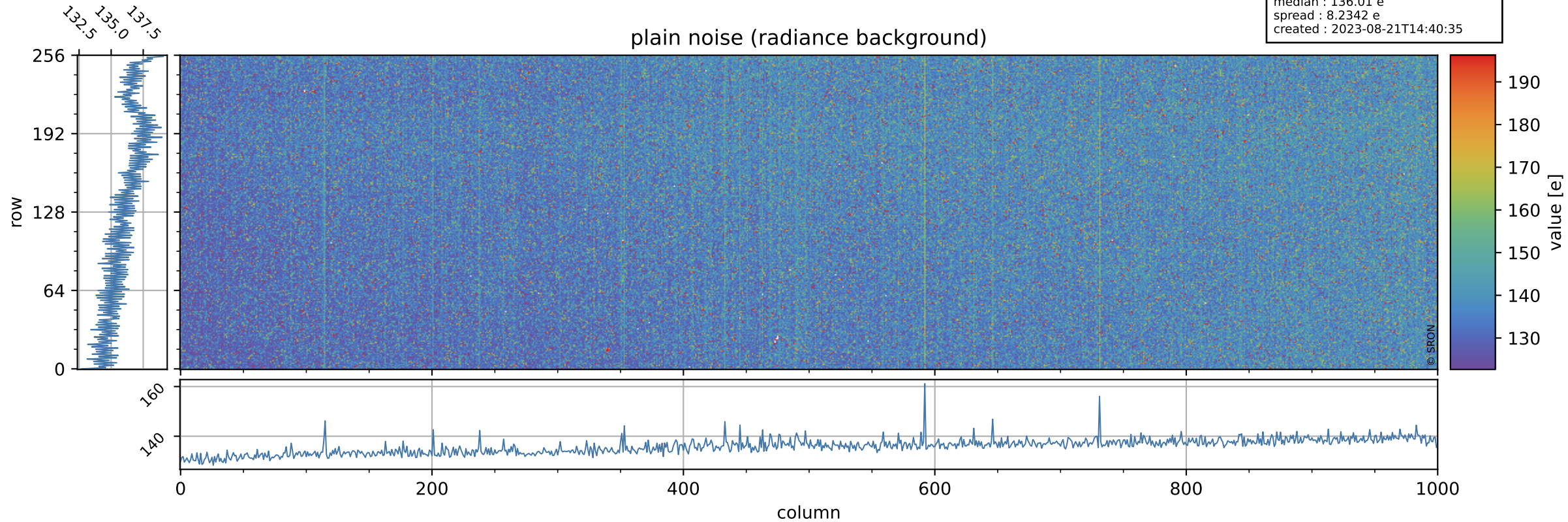
orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.25 e  
spread : 10.404 e  
created : 2023-08-21T14:40:34



# Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
n\_coad, t\_exp : 2, 0.5383  
median : 136.01 e  
spread : 8.2342 e  
created : 2023-08-21T14:40:35

plain noise (radiance background)

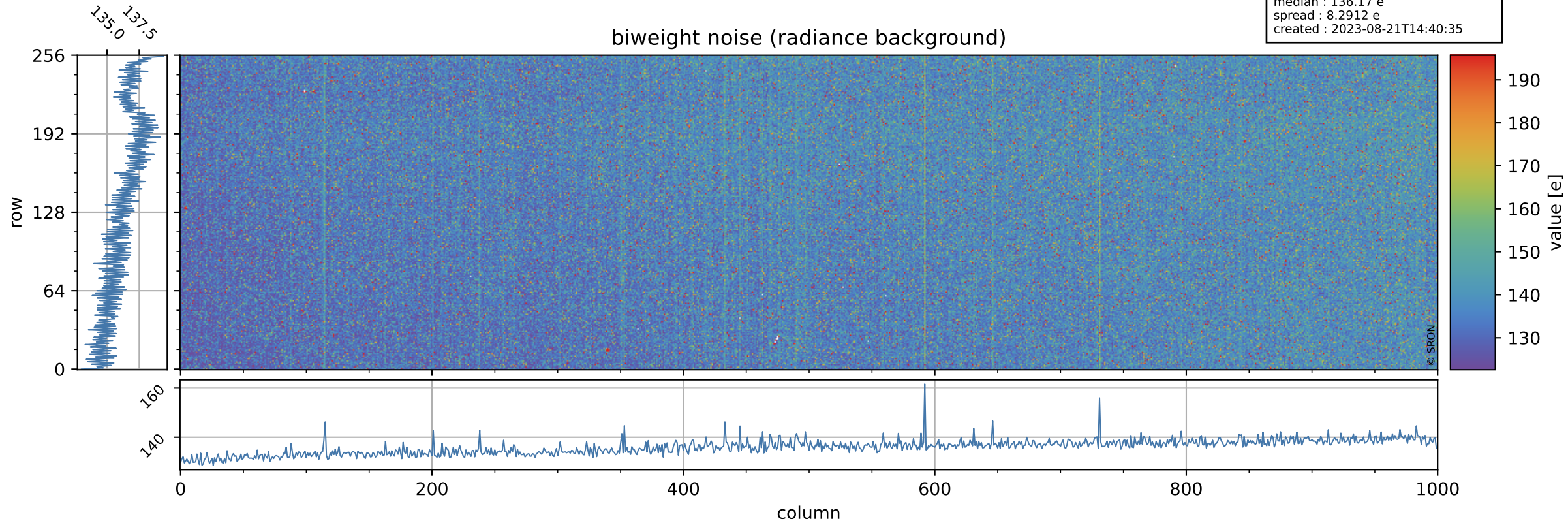




# Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
n\_coad, t\_exp : 2, 0.5383  
median : 136.17 e  
spread : 8.2912 e  
created : 2023-08-21T14:40:35

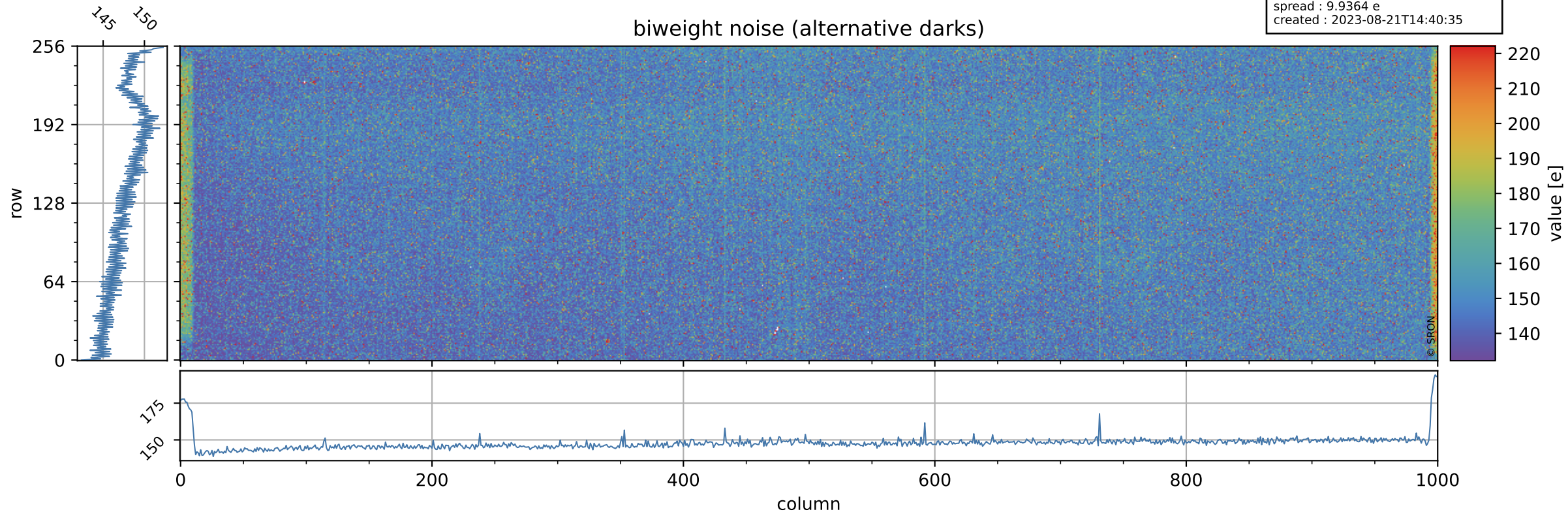
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.54 e  
spread : 9.9364 e  
created : 2023-08-21T14:40:35

## biweight noise (alternative darks)

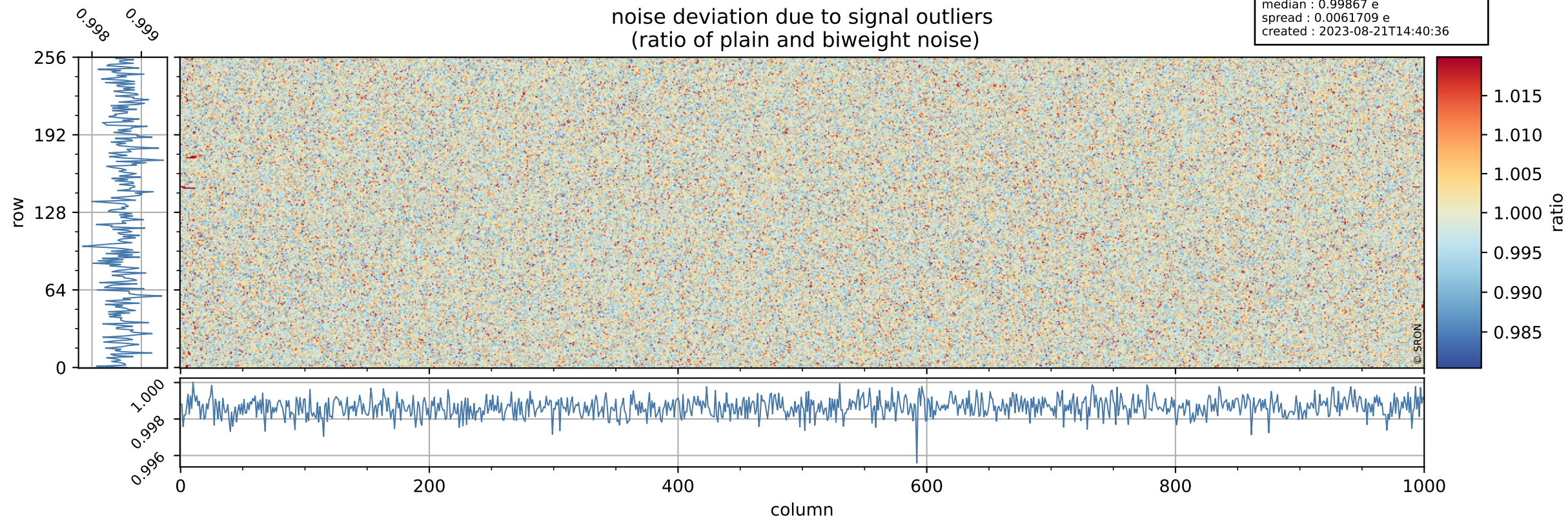




# Tropomi SWIR background noise (swir)

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

orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
median : 0.99867 e  
spread : 0.0061709 e  
created : 2023-08-21T14:40:36

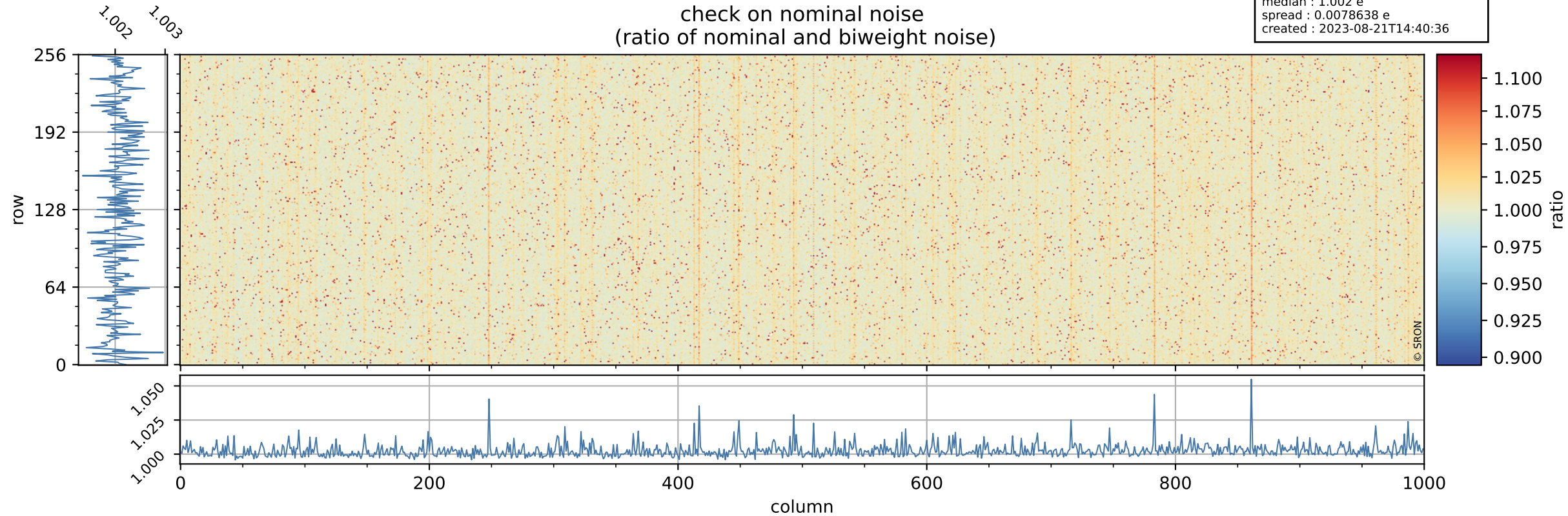




# Tropomi SWIR background noise (swir)

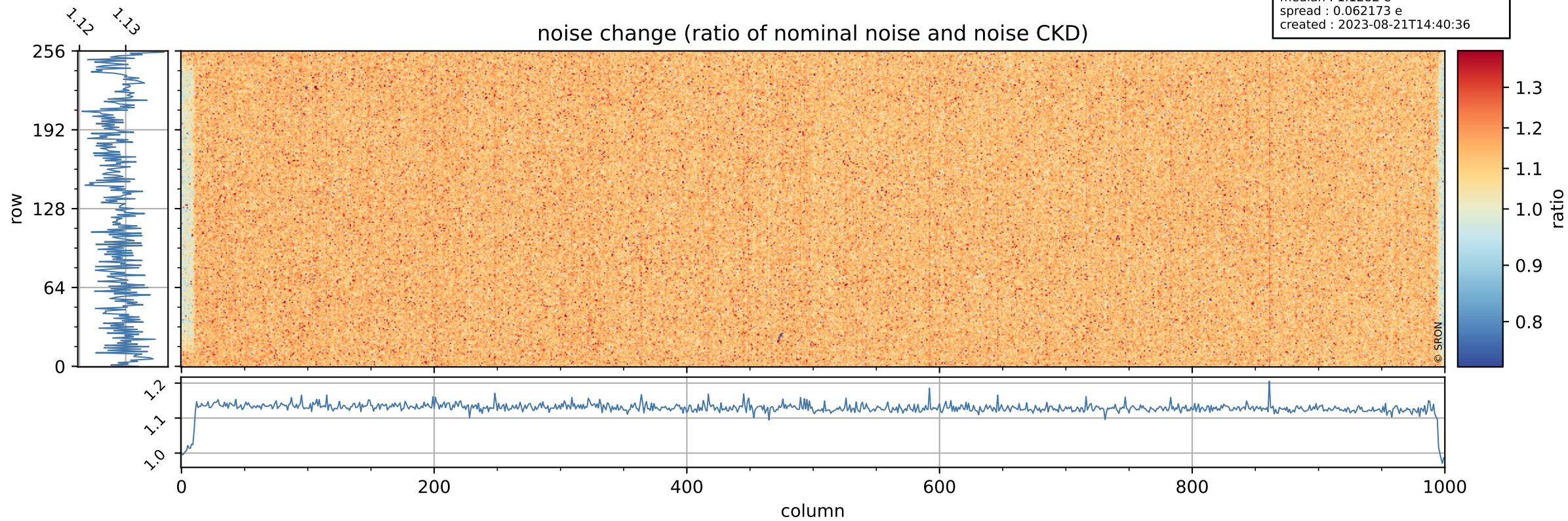
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
median : 1.002 e  
spread : 0.0078638 e  
created : 2023-08-21T14:40:36



# Tropomi SWIR background noise (swir)

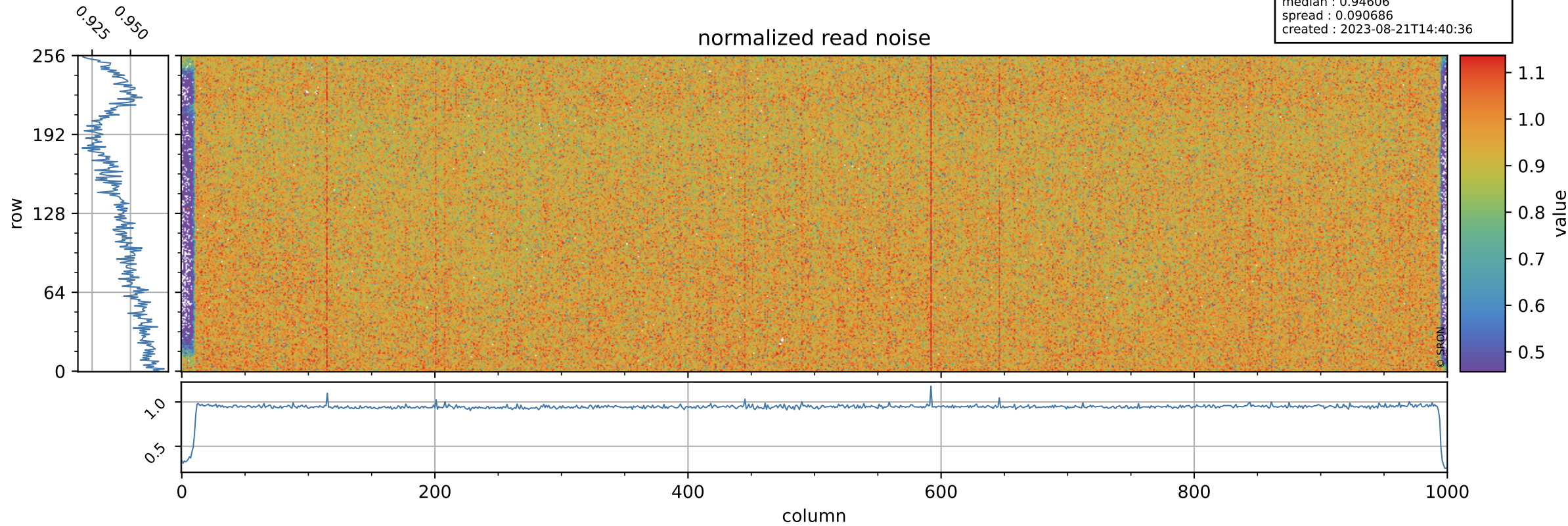
orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
median : 1.1282 e  
spread : 0.062173 e  
created : 2023-08-21T14:40:36





# Tropomi SWIR background noise (swir)

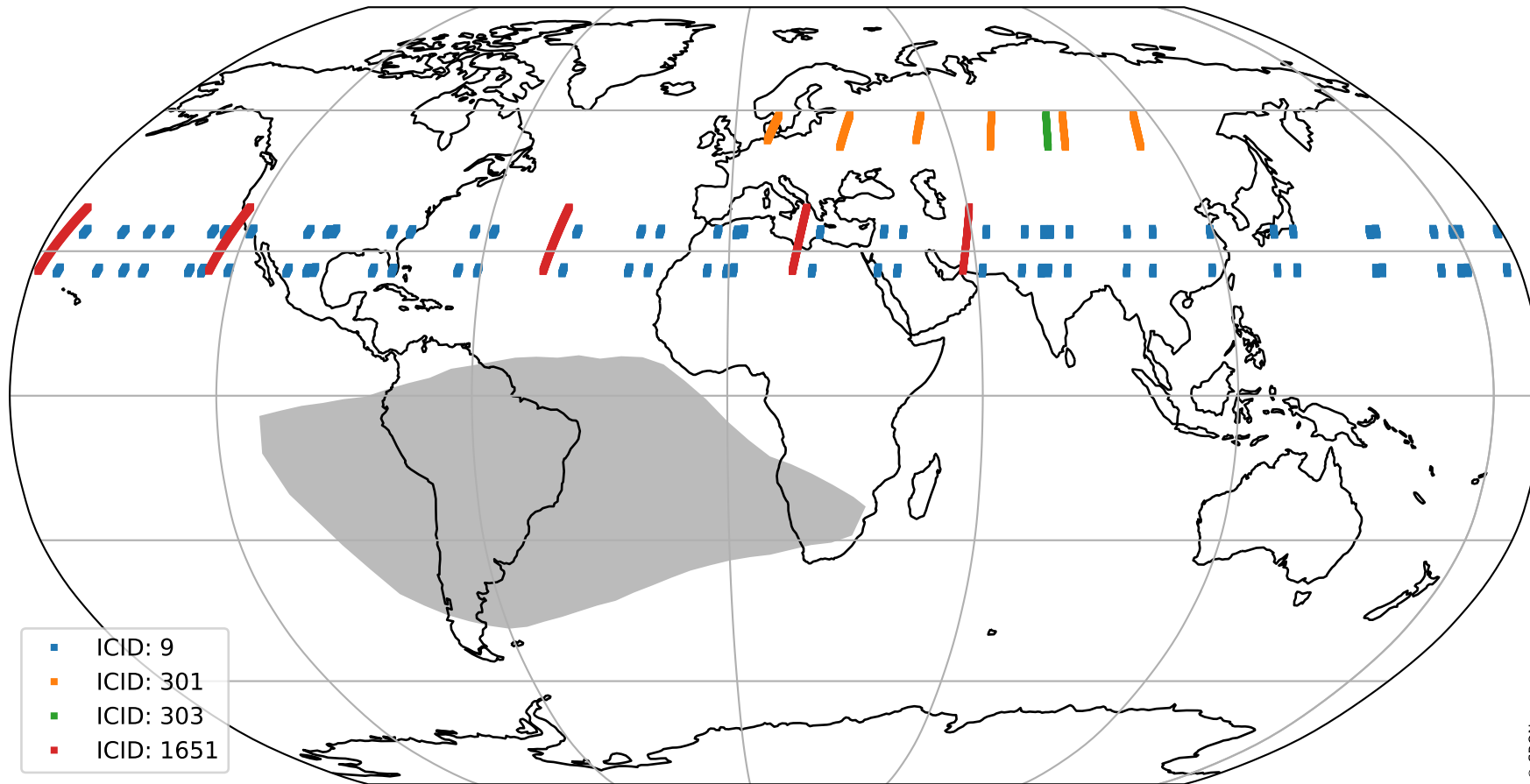
orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
median : 0.94606  
spread : 0.090686  
created : 2023-08-21T14:40:36





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

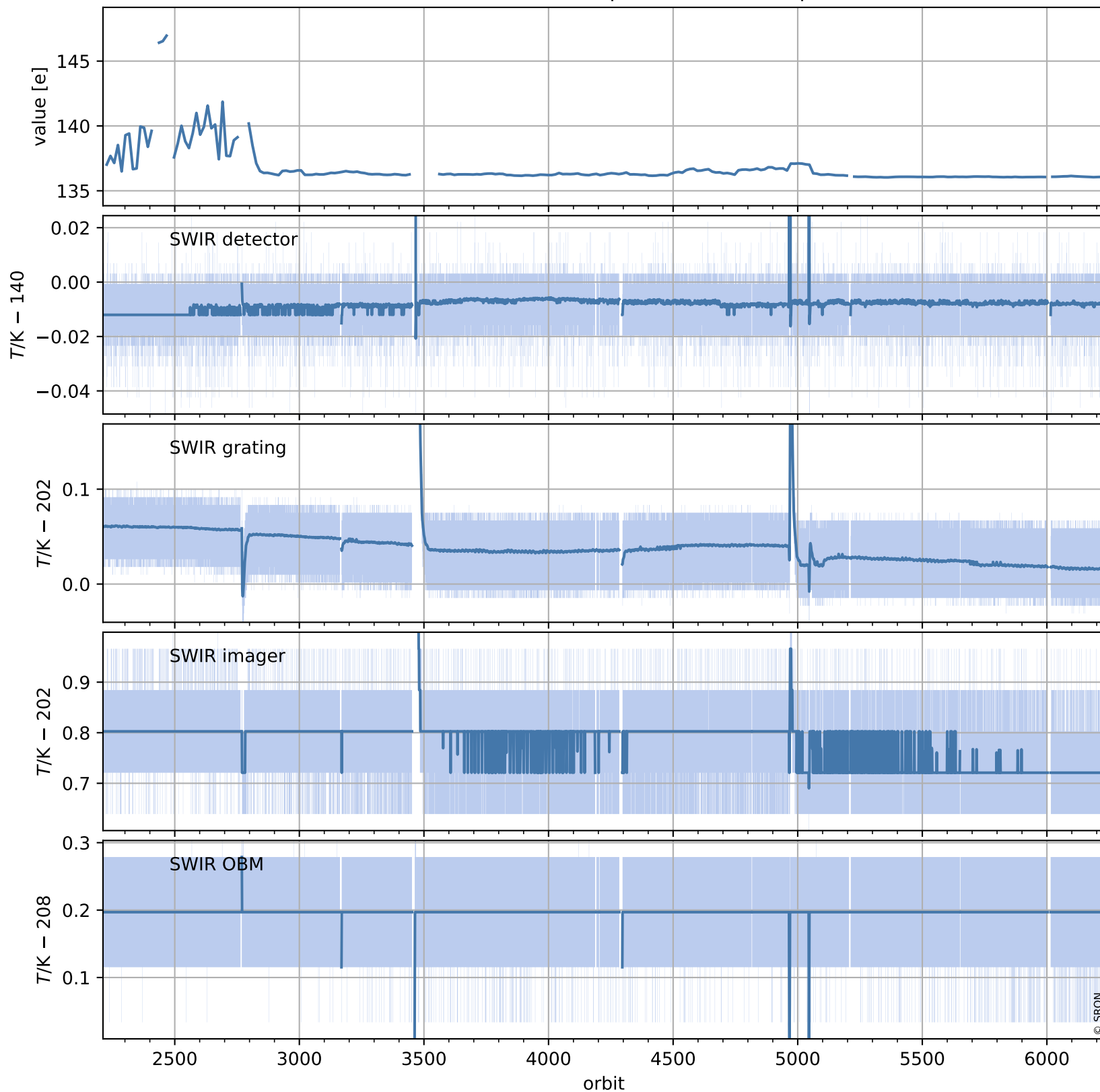
orbits : 12 in [6157, 6232]  
coverage : 2018-12-20 / 2018-12-26  
created : 2023-08-21T14:40:37



# Tropomi SWIR background noise (swir)

orbits : [2212, 6232]  
coverage : 2018-03-18 / 2018-12-26  
created : 2023-08-21T14:40:37

## trend of detector median of plain noise & temperatures

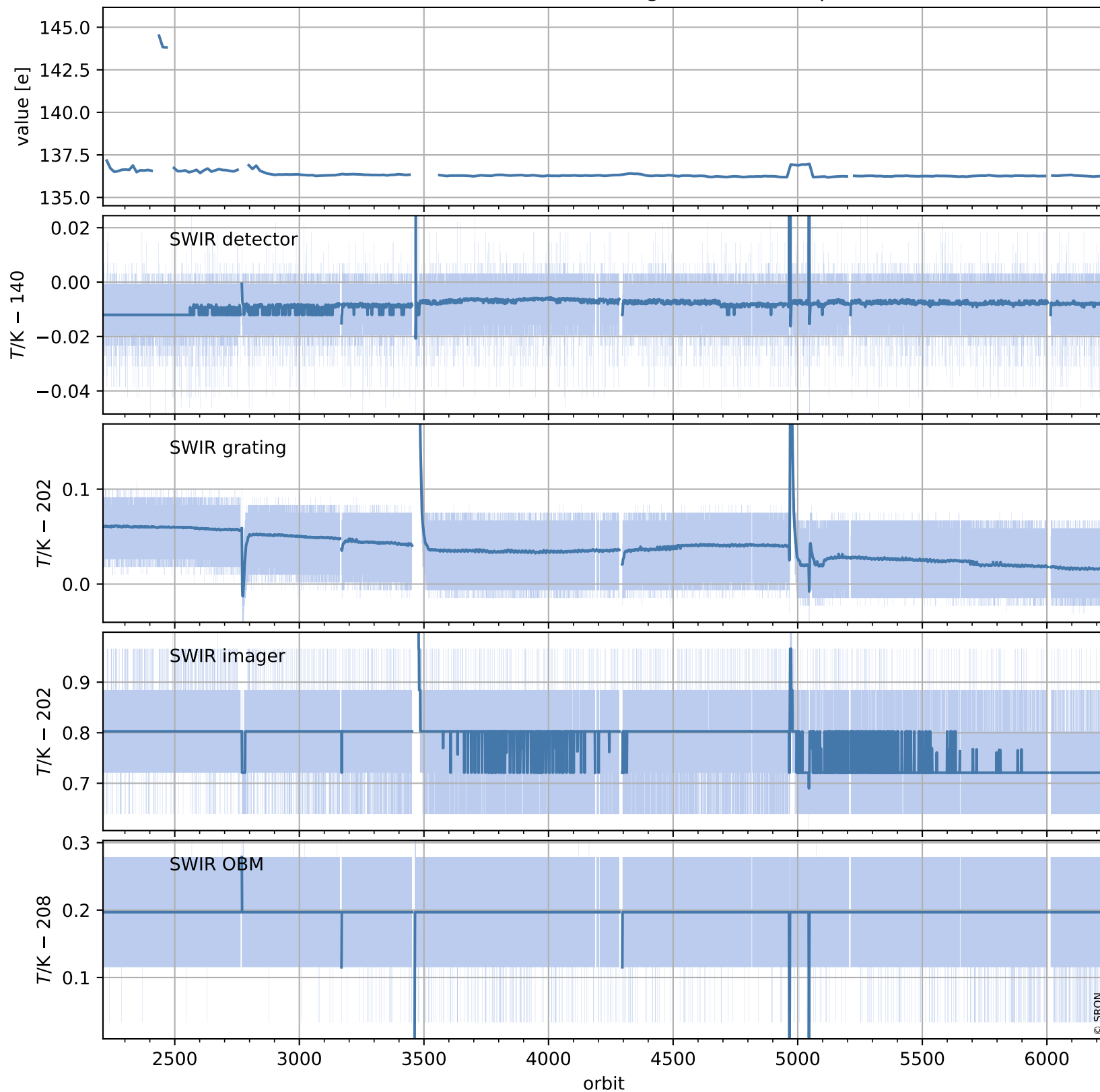




# Tropomi SWIR background noise (swir)

orbits : [2212, 6232]  
coverage : 2018-03-18 / 2018-12-26  
created : 2023-08-21T14:40:38

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 6232]  
coverage : 2018-03-18 / 2018-12-26  
created : 2023-08-21T14:40:38

## trend of normalized read-noise & temperatures

