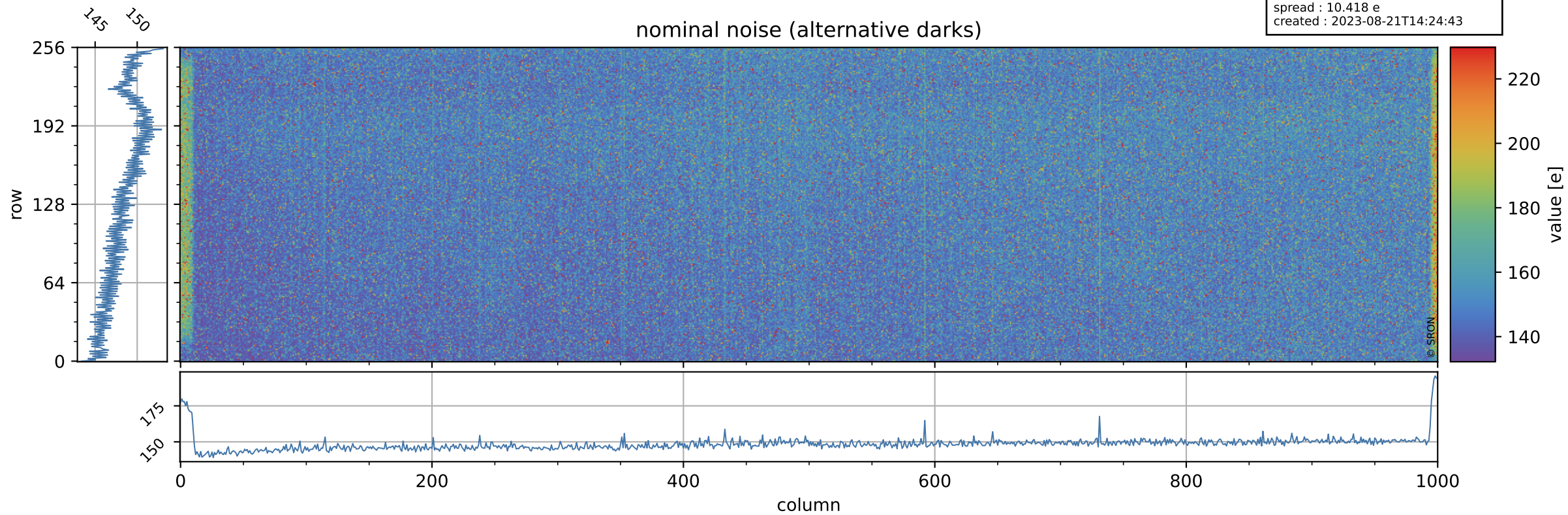


# Tropomi SWIR background noise (swir)

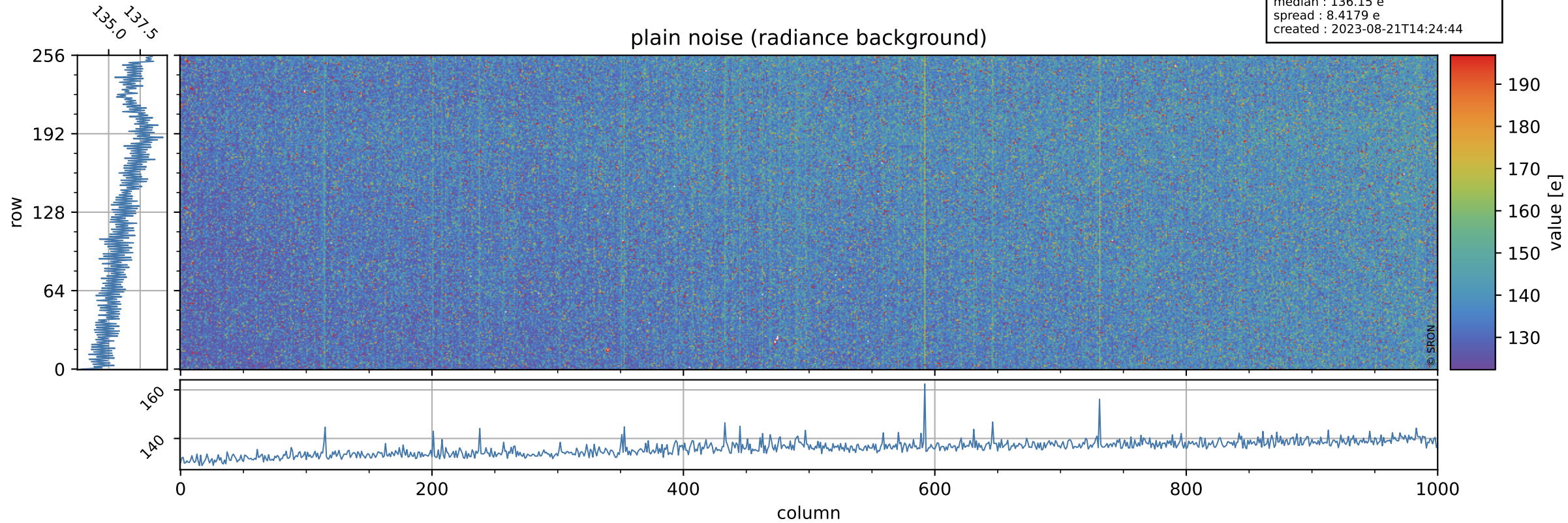
orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
n\_coad, t\_exp : 1, 1.0783  
median : 148.26 e  
spread : 10.418 e  
created : 2023-08-21T14:24:43



# Tropomi SWIR background noise (swir)

orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.15 e  
spread : 8.4179 e  
created : 2023-08-21T14:24:44

## plain noise (radiance background)

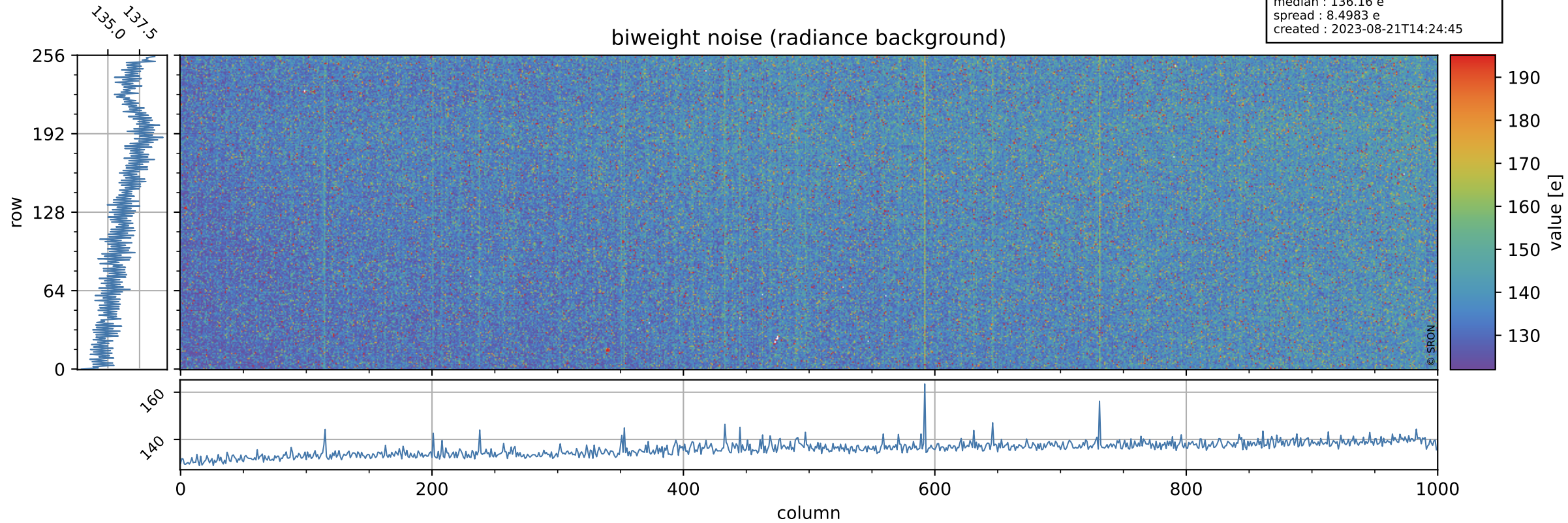




# Tropomi SWIR background noise (swir)

orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
n\_coad, t\_exp : 2, 0.5383  
median : 136.16 e  
spread : 8.4983 e  
created : 2023-08-21T14:24:45

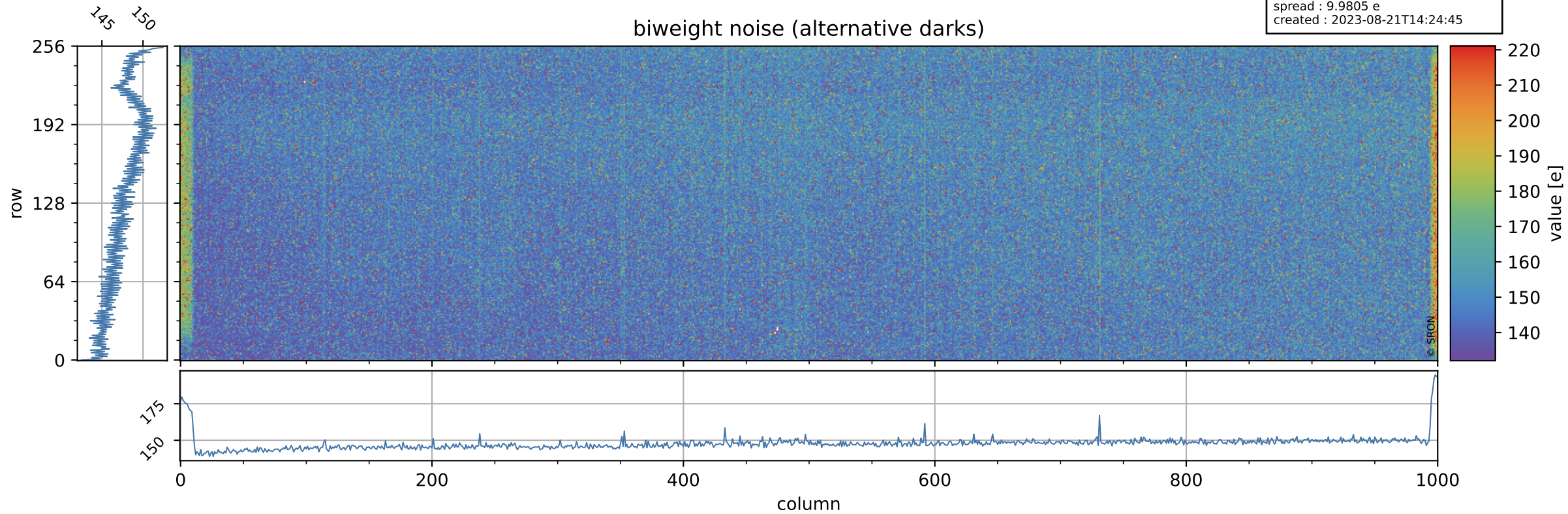
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
n\_coad, t\_exp : 1, 1.0783  
median : 147.55 e  
spread : 9.9805 e  
created : 2023-08-21T14:24:45

## biweight noise (alternative darks)

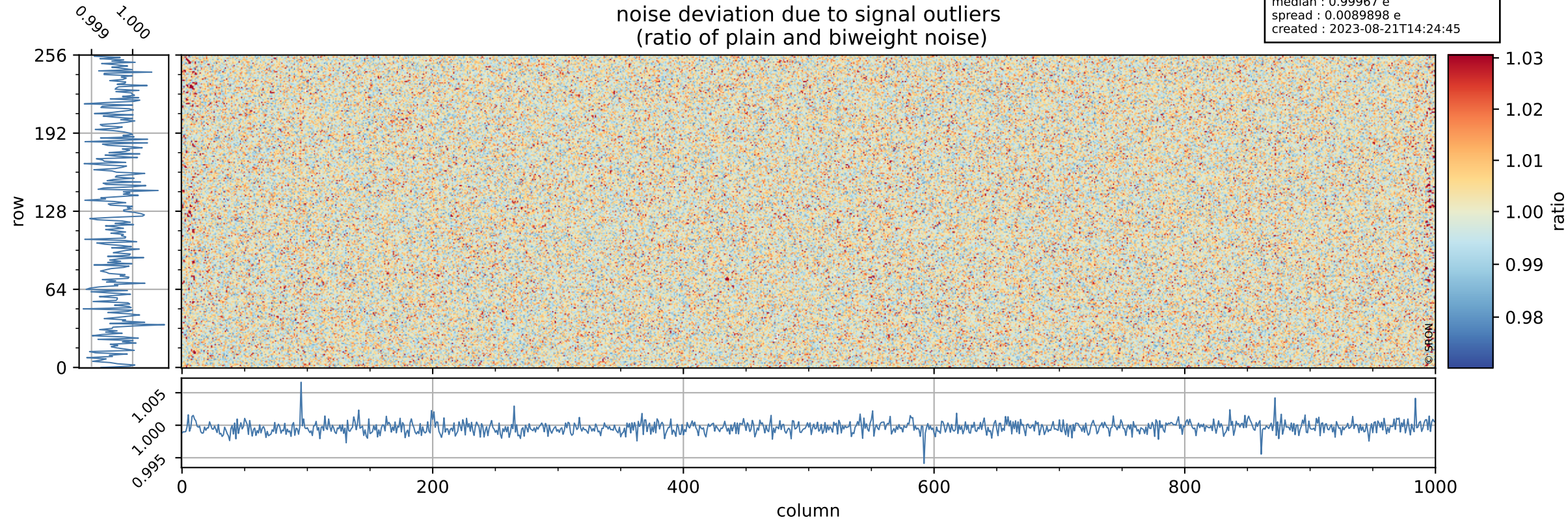




# Tropomi SWIR background noise (swir)

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

orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
median : 0.99967 e  
spread : 0.0089898 e  
created : 2023-08-21T14:24:45

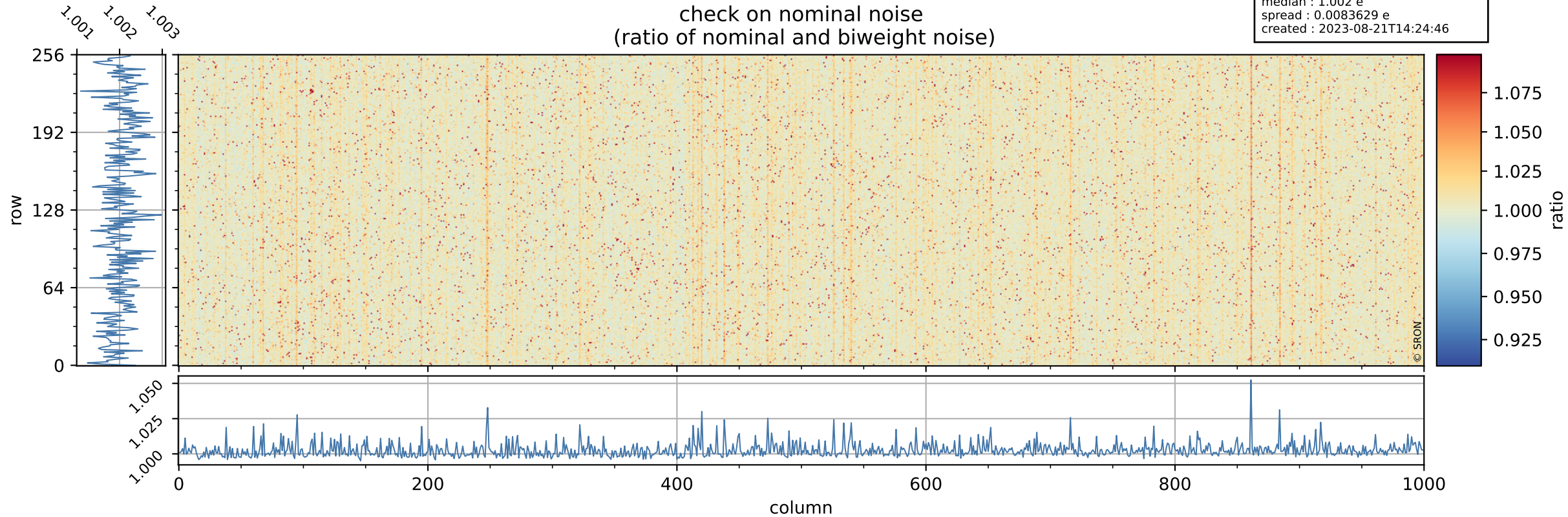




# Tropomi SWIR background noise (swir)

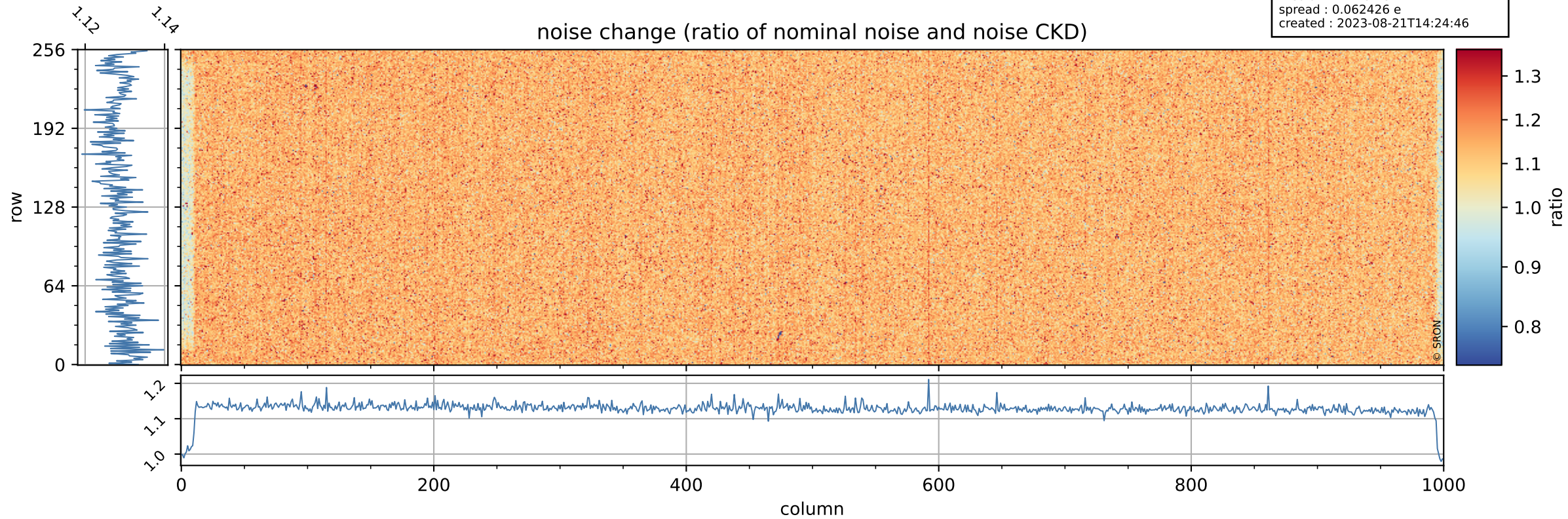
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
median : 1.002 e  
spread : 0.0083629 e  
created : 2023-08-21T14:24:46



# Tropomi SWIR background noise (swir)

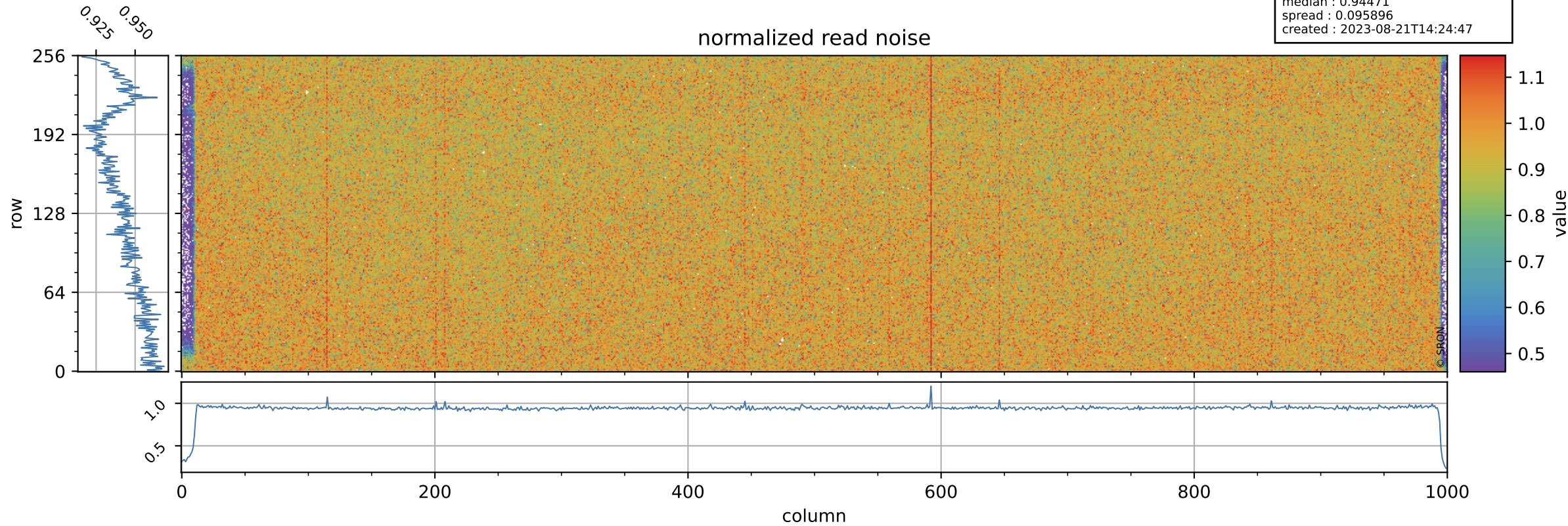
orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
median : 1.1282 e  
spread : 0.062426 e  
created : 2023-08-21T14:24:46





# Tropomi SWIR background noise (swir)

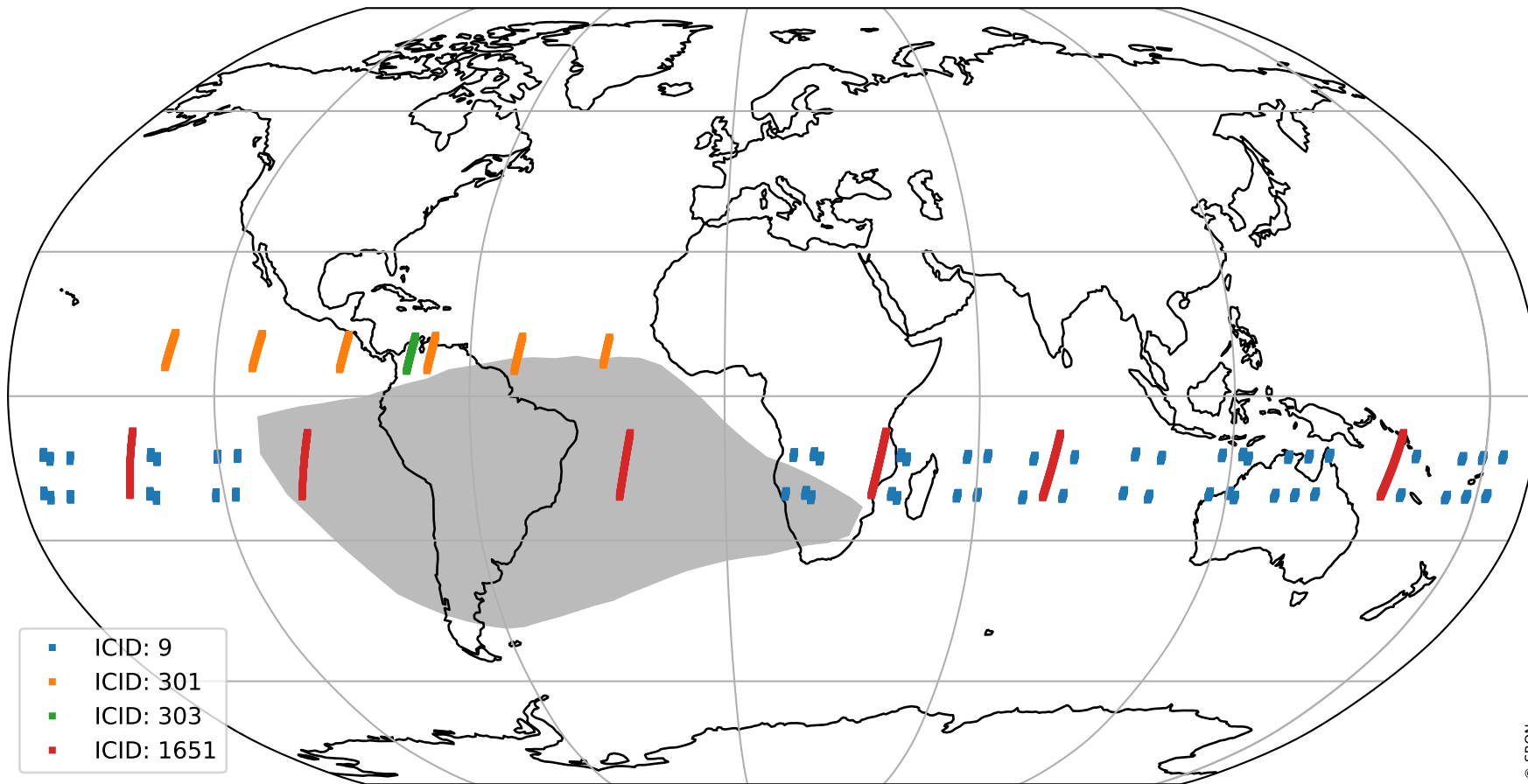
orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
median : 0.94471  
spread : 0.095896  
created : 2023-08-21T14:24:47





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

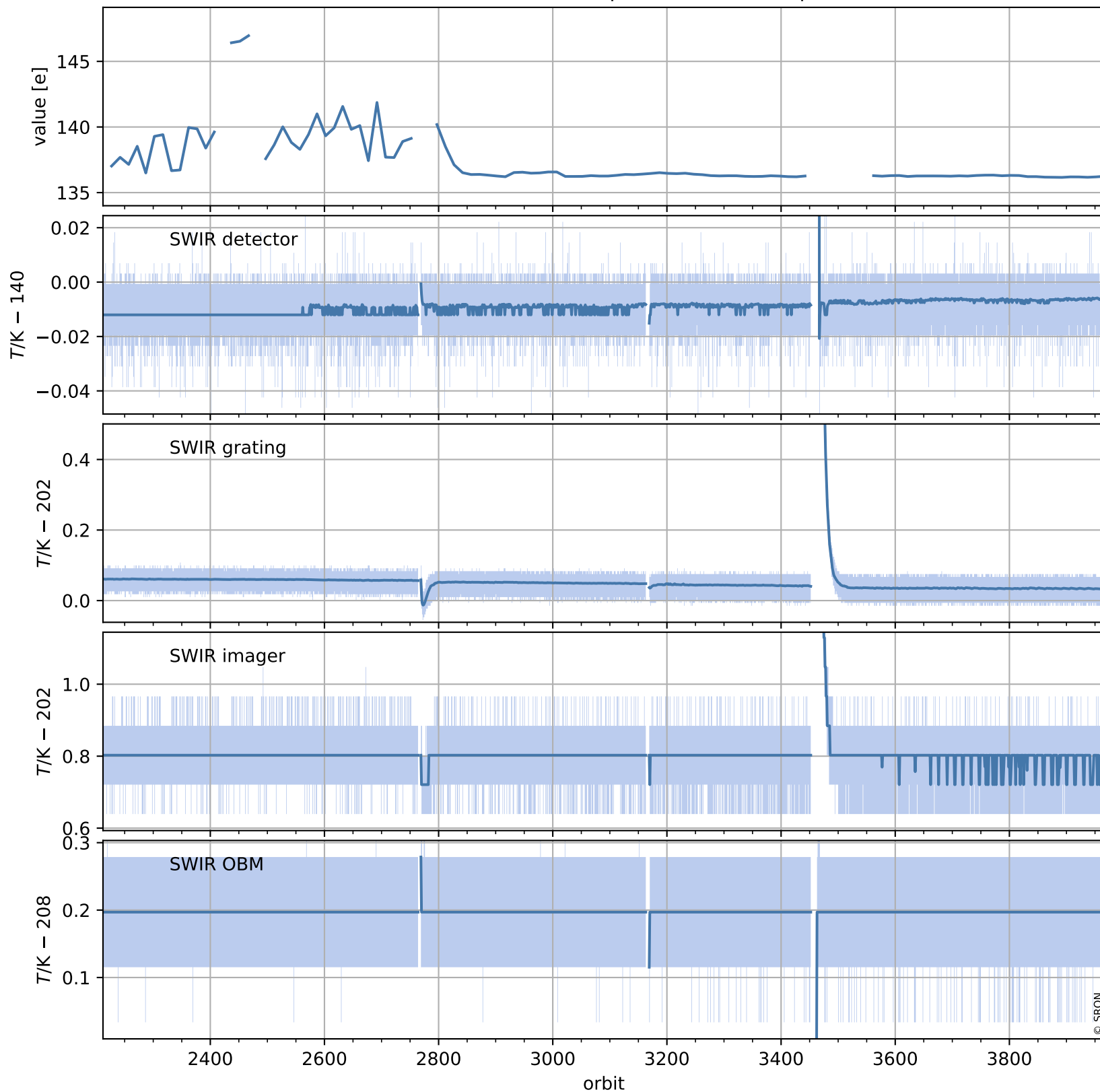
orbits : 13 in [3892, 3967]  
coverage : 2018-07-14 / 2018-07-19  
created : 2023-08-21T14:24:47



# Tropomi SWIR background noise (swir)

orbits : [2212, 3967]  
coverage : 2018-03-18 / 2018-07-19  
created : 2023-08-21T14:24:47

## trend of detector median of plain noise & temperatures

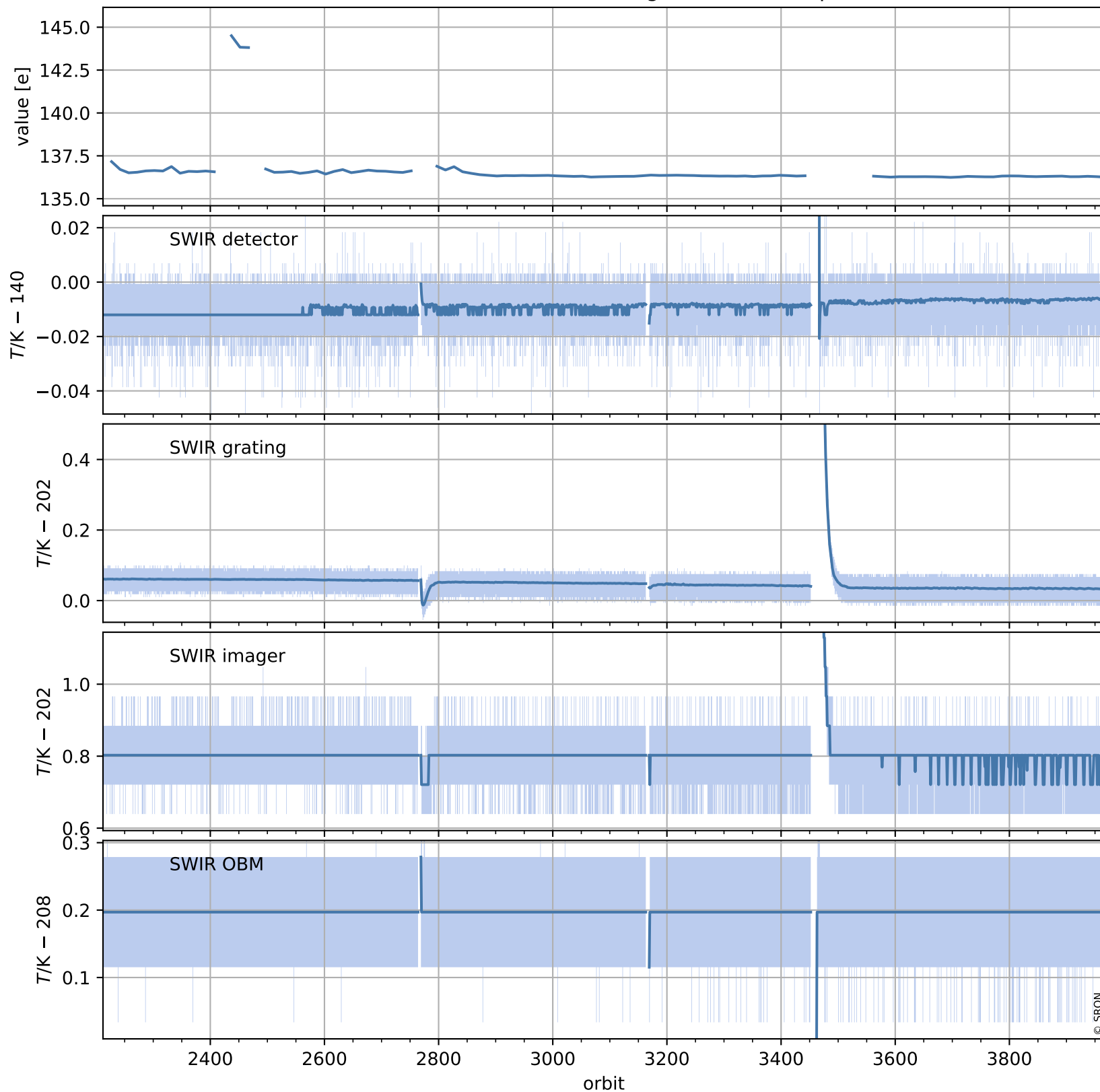




# Tropomi SWIR background noise (swir)

orbits : [2212, 3967]  
coverage : 2018-03-18 / 2018-07-19  
created : 2023-08-21T14:24:48

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3967]  
coverage : 2018-03-18 / 2018-07-19  
created : 2023-08-21T14:24:49

## trend of normalized read-noise & temperatures

