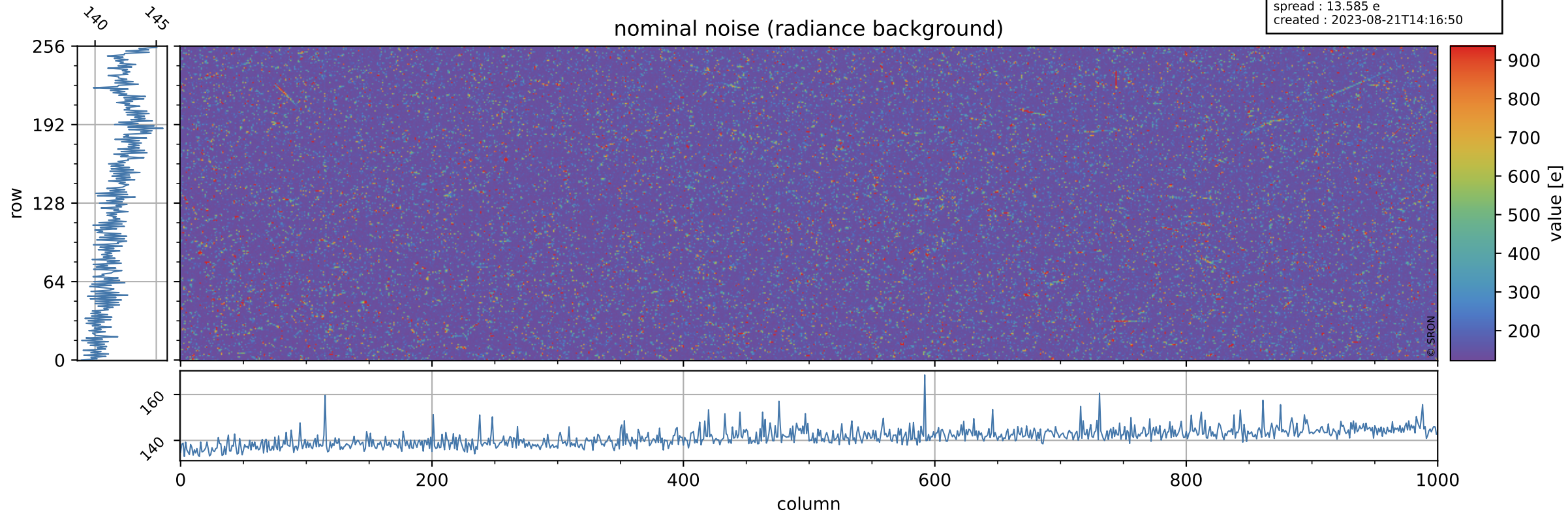


# Tropomi SWIR background noise (swir)

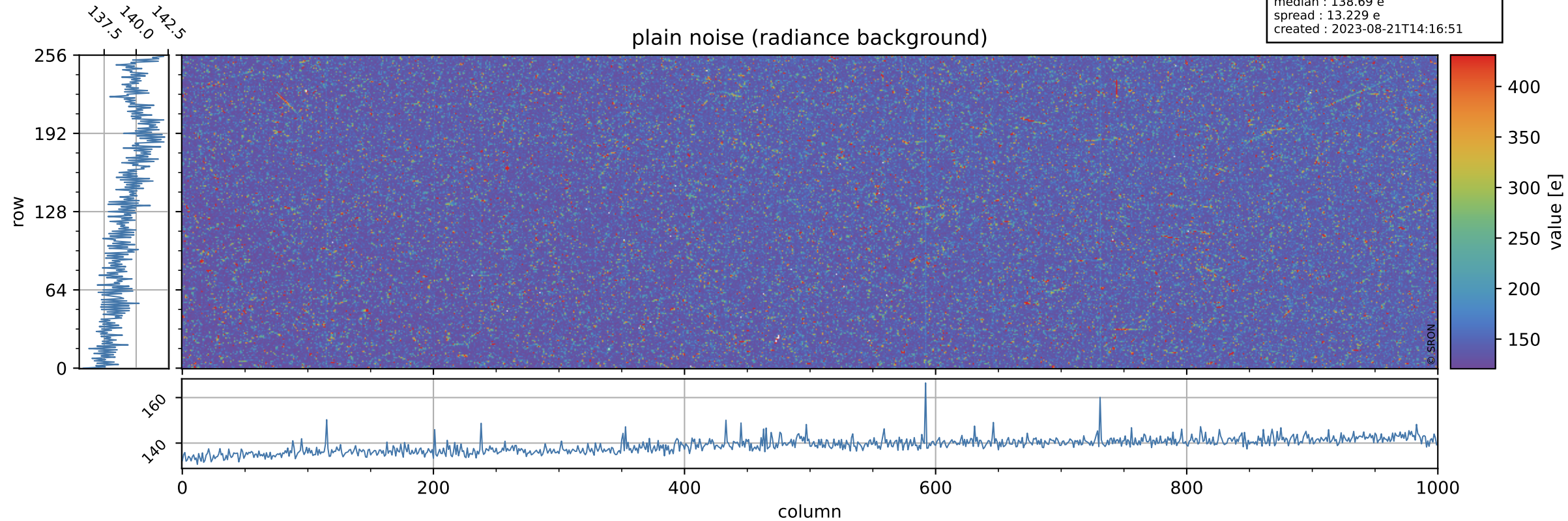
orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
n\_coad, t\_exp : 2, 0.5383  
median : 140.83 e  
spread : 13.585 e  
created : 2023-08-21T14:16:50



# Tropomi SWIR background noise (swir)

orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
n\_coad, t\_exp : 2, 0.5383  
median : 138.69 e  
spread : 13.229 e  
created : 2023-08-21T14:16:51

plain noise (radiance background)

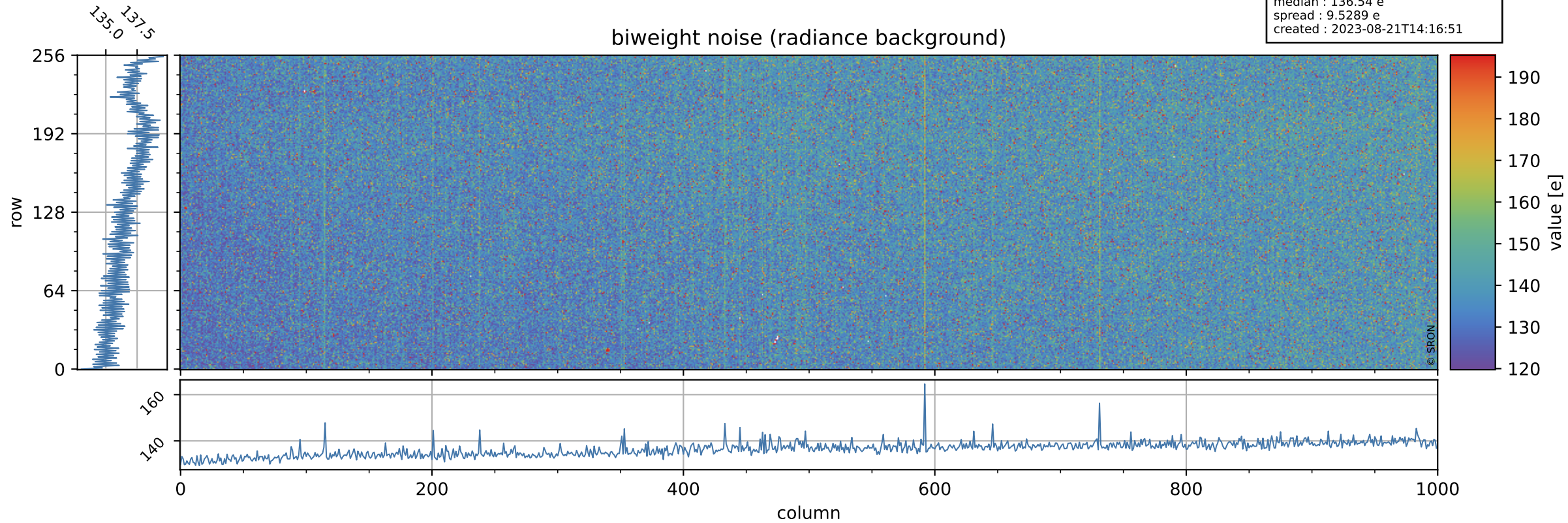




# Tropomi SWIR background noise (swir)

orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
n\_coad, t\_exp : 2, 0.5383  
median : 136.54 e  
spread : 9.5289 e  
created : 2023-08-21T14:16:51

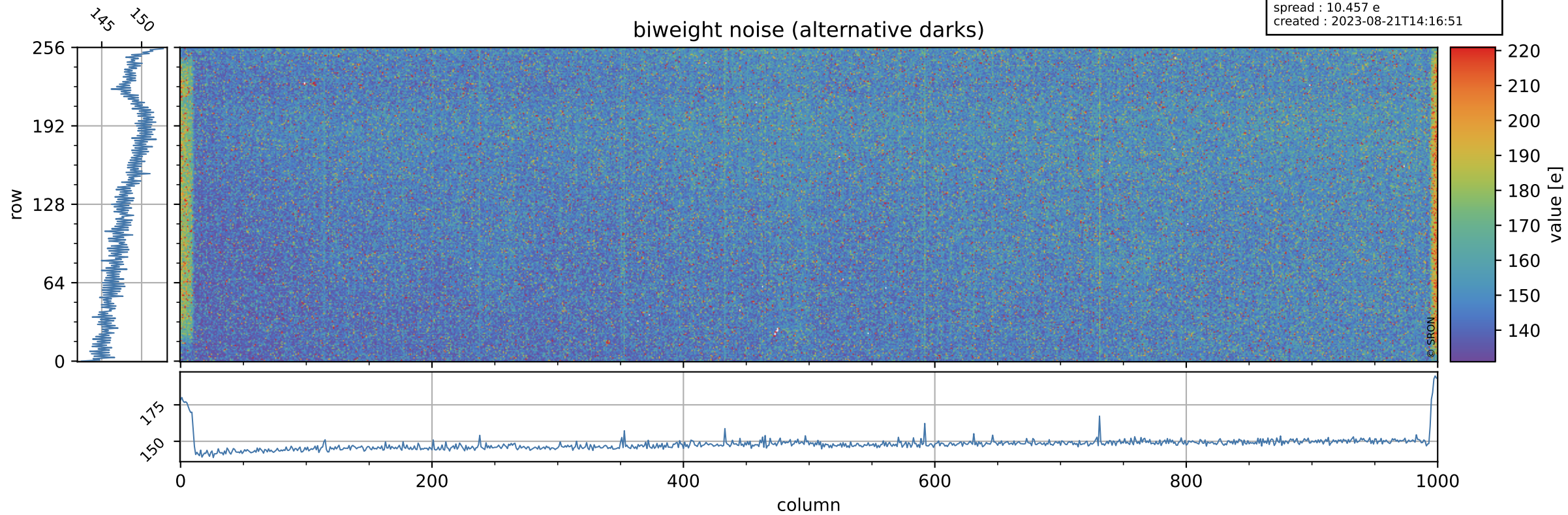
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.457 e  
created : 2023-08-21T14:16:51

## biweight noise (alternative darks)

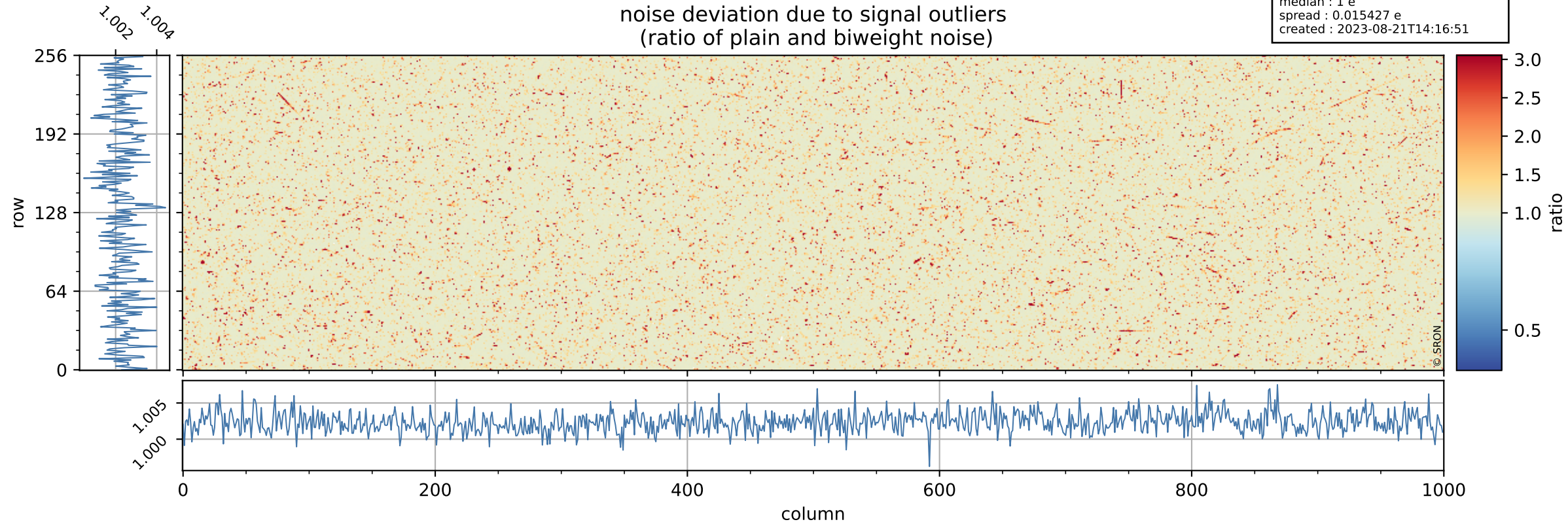




# Tropomi SWIR background noise (swir)

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

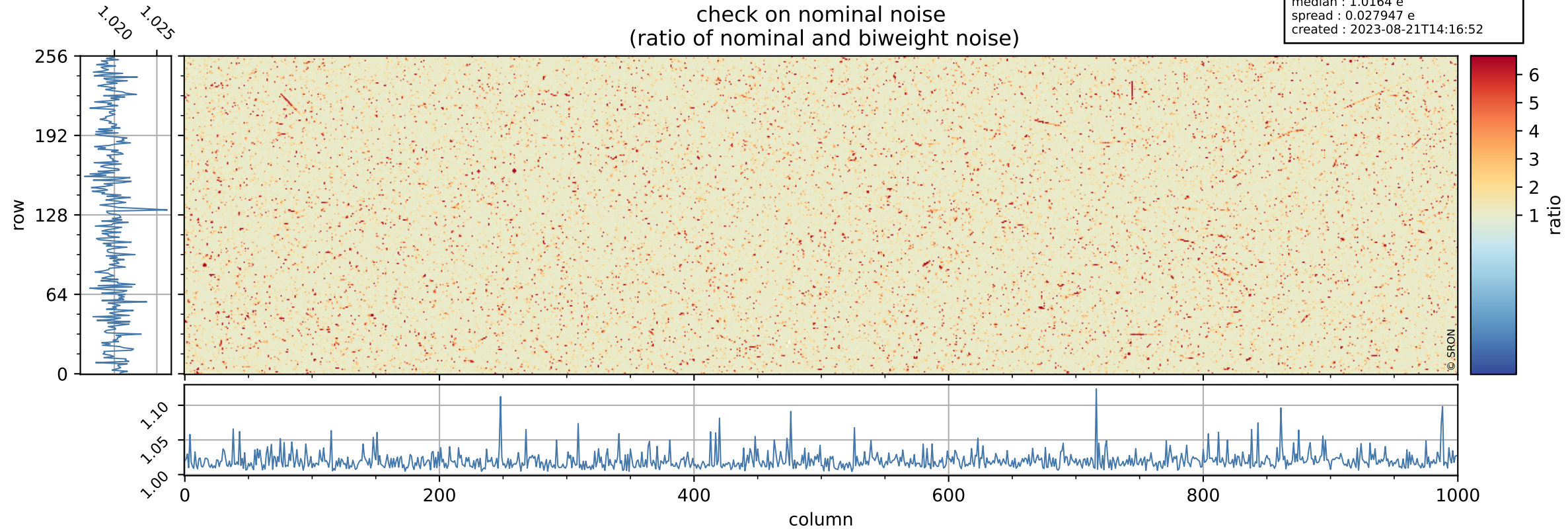
orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
median : 1 e  
spread : 0.015427 e  
created : 2023-08-21T14:16:51



# Tropomi SWIR background noise (swir)

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

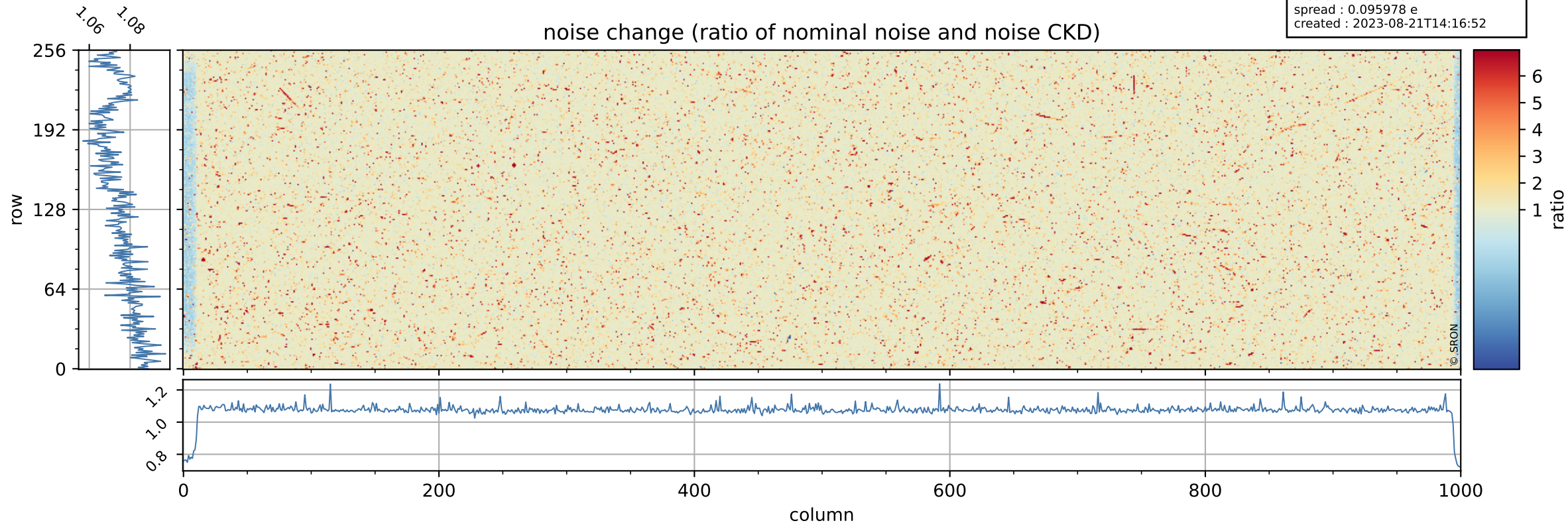
orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
median : 1.0164 e  
spread : 0.027947 e  
created : 2023-08-21T14:16:52





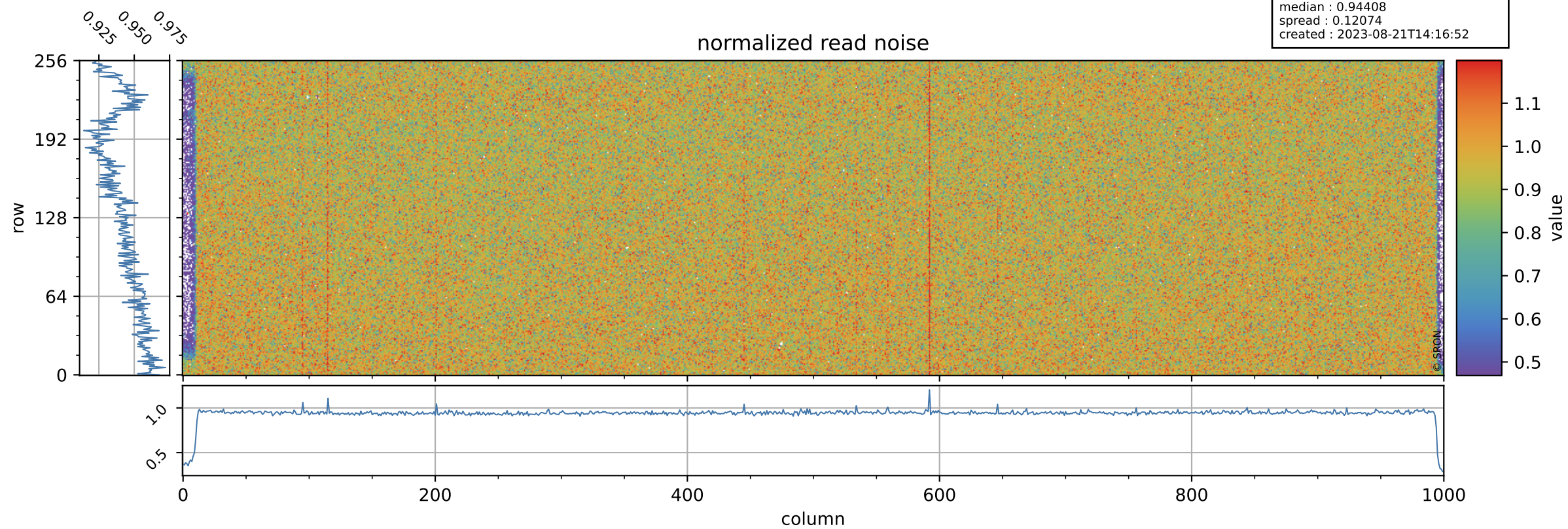
# Tropomi SWIR background noise (swir)

orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
median : 1.0664 e  
spread : 0.095978 e  
created : 2023-08-21T14:16:52



# Tropomi SWIR background noise (swir)

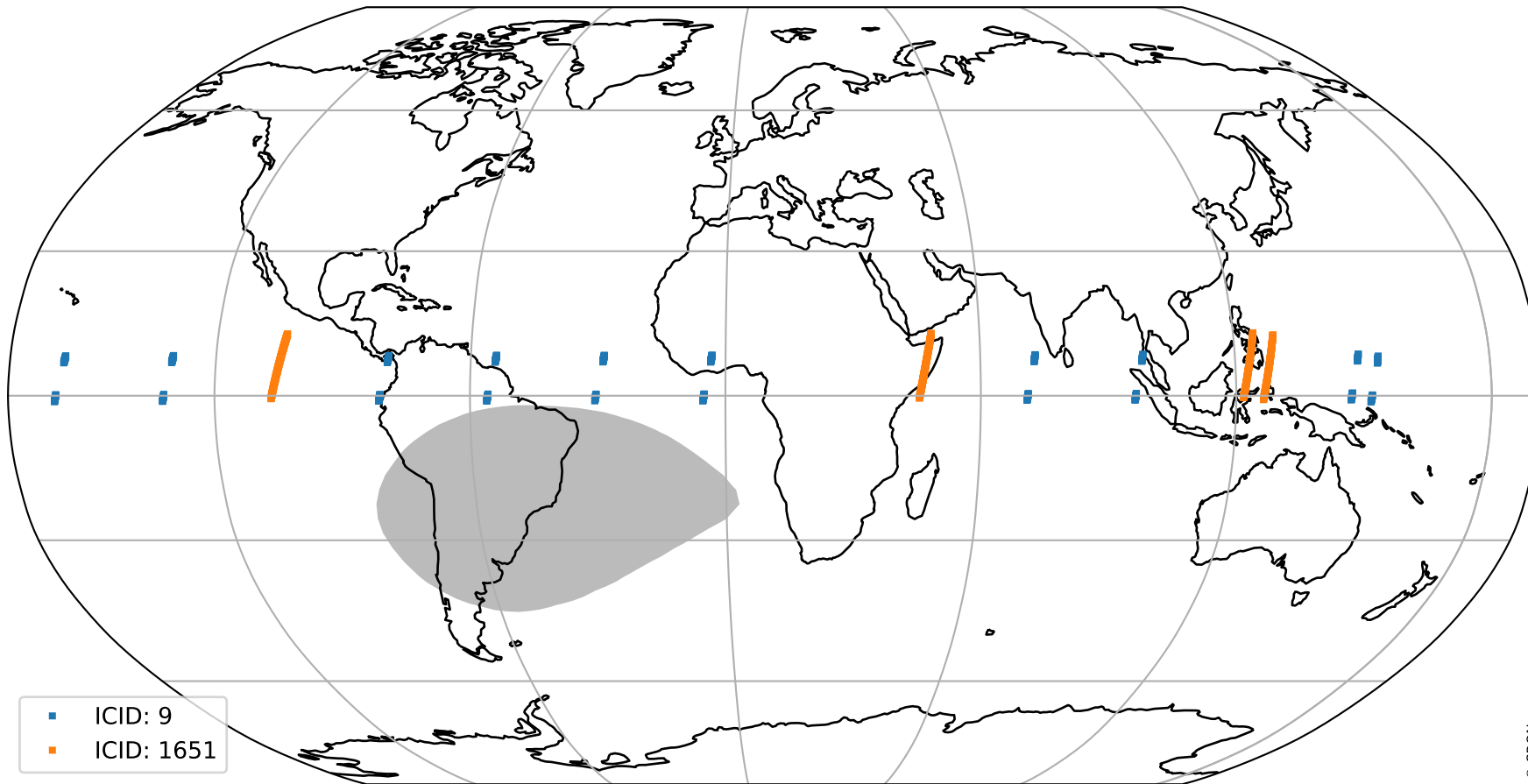
orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
median : 0.94408  
spread : 0.12074  
created : 2023-08-21T14:16:52





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

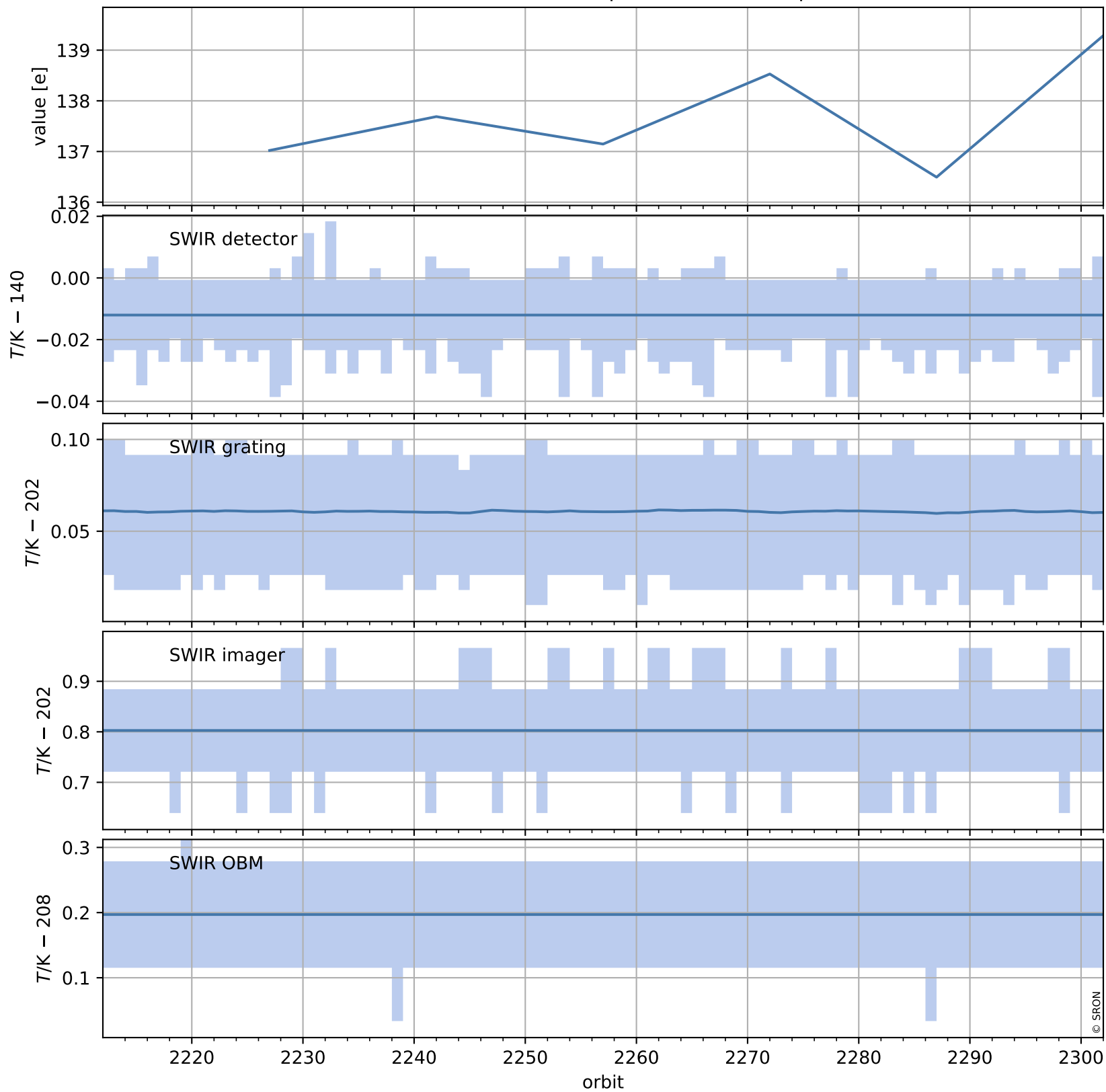
orbits : 10 in [2287, 2302]  
coverage : 2018-03-23 / 2018-03-24  
created : 2023-08-21T14:16:53



# Tropomi SWIR background noise (swir)

orbits : [2212, 2302]  
coverage : 2018-03-18 / 2018-03-24  
created : 2023-08-21T14:16:53

## trend of detector median of plain noise & temperatures

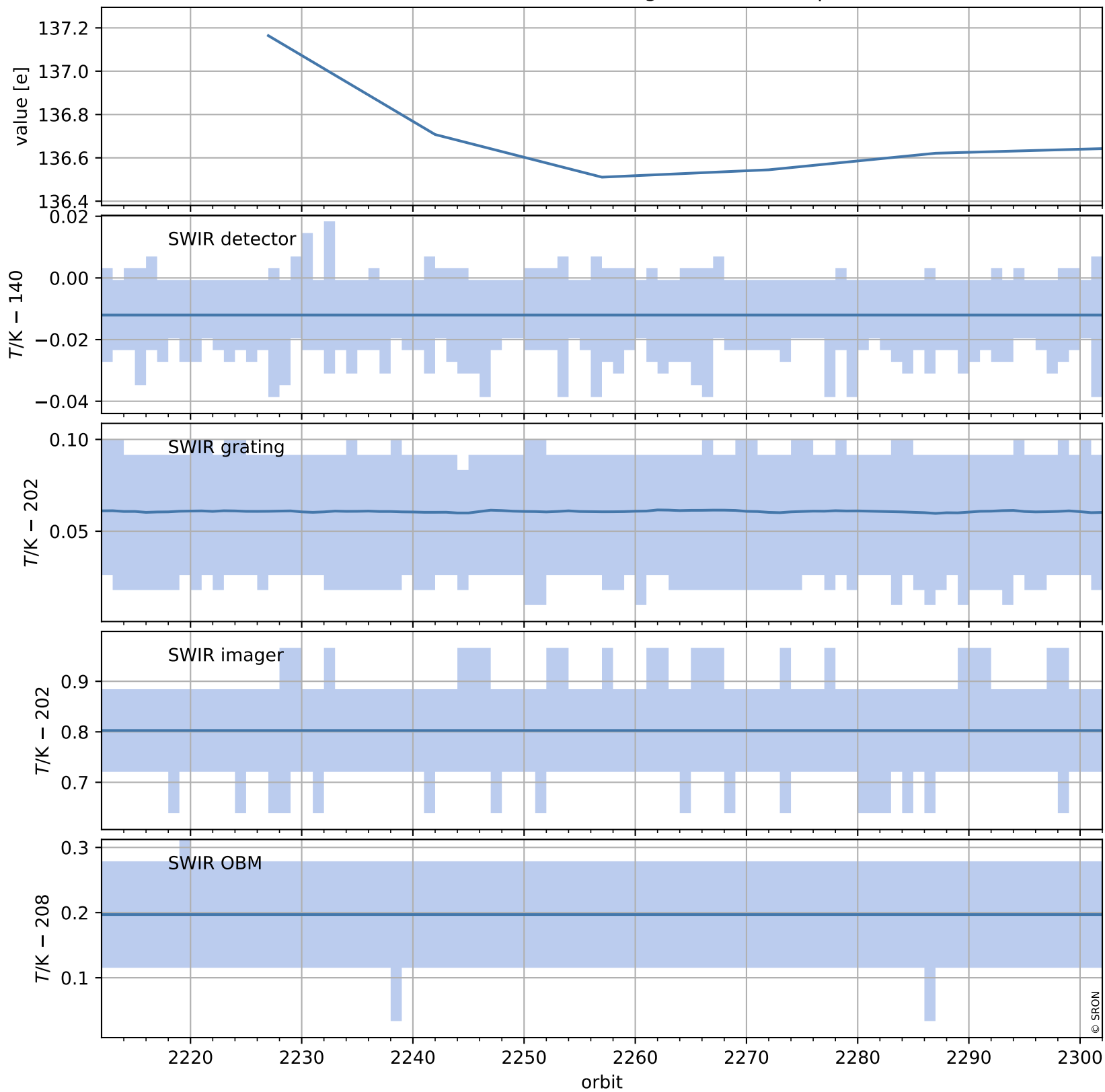




# Tropomi SWIR background noise (swir)

orbits : [2212, 2302]  
coverage : 2018-03-18 / 2018-03-24  
created : 2023-08-21T14:16:53

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2302]  
coverage : 2018-03-18 / 2018-03-24  
created : 2023-08-21T14:16:54

## trend of normalized read-noise & temperatures

