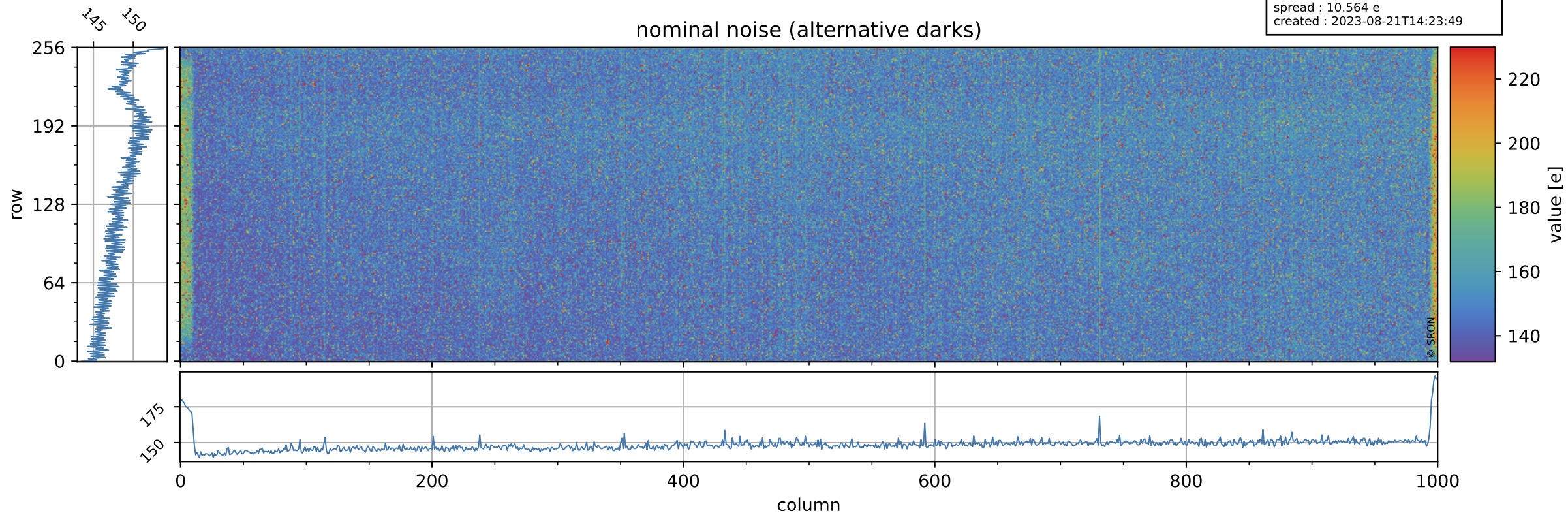


# Tropomi SWIR background noise (swir)

orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
n\_coad, t\_exp : 1, 1.0783  
median : 148.3 e  
spread : 10.564 e  
created : 2023-08-21T14:23:49

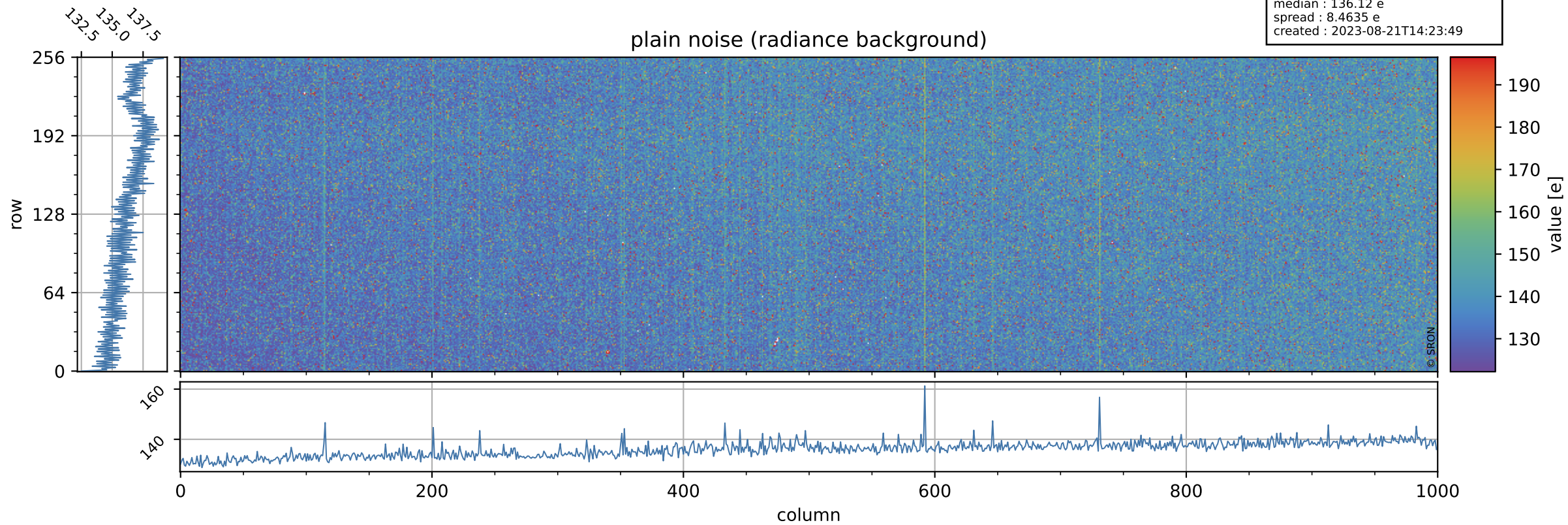
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
n\_coad, t\_exp : 2, 0.5383  
median : 136.12 e  
spread : 8.4635 e  
created : 2023-08-21T14:23:49

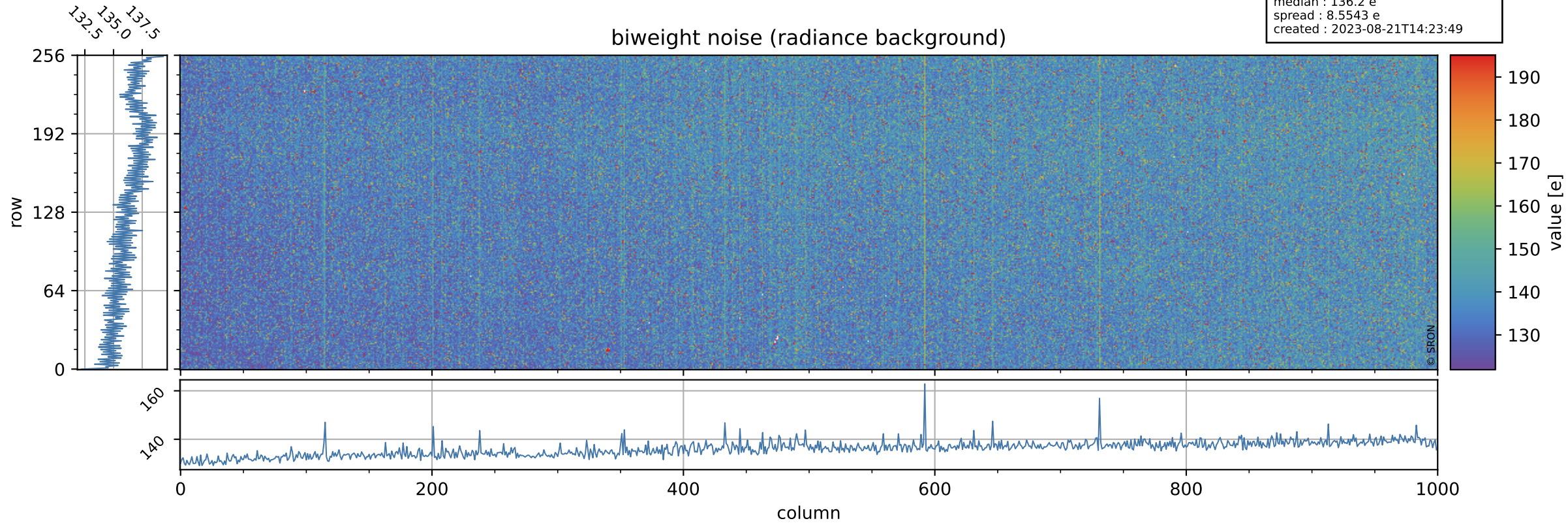
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
n\_coad, t\_exp : 2, 0.5383  
median : 136.2 e  
spread : 8.5543 e  
created : 2023-08-21T14:23:49

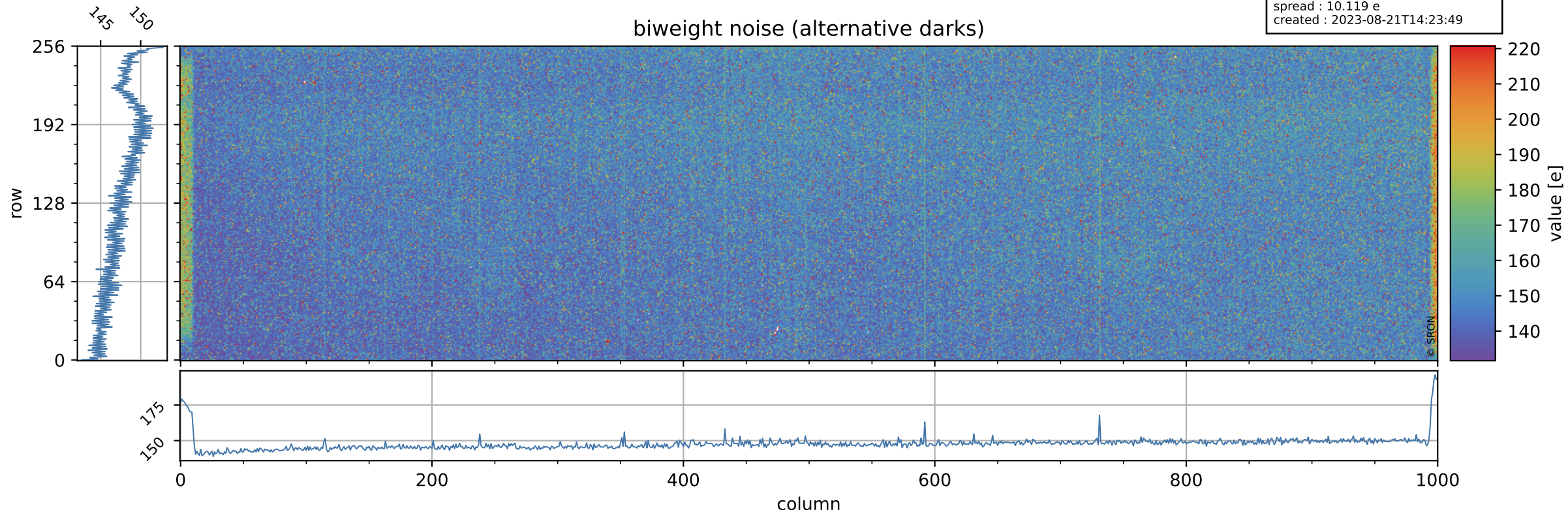
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
n\_coad, t\_exp : 1, 1.0783  
median : 147.49 e  
spread : 10.119 e  
created : 2023-08-21T14:23:49

## biweight noise (alternative darks)

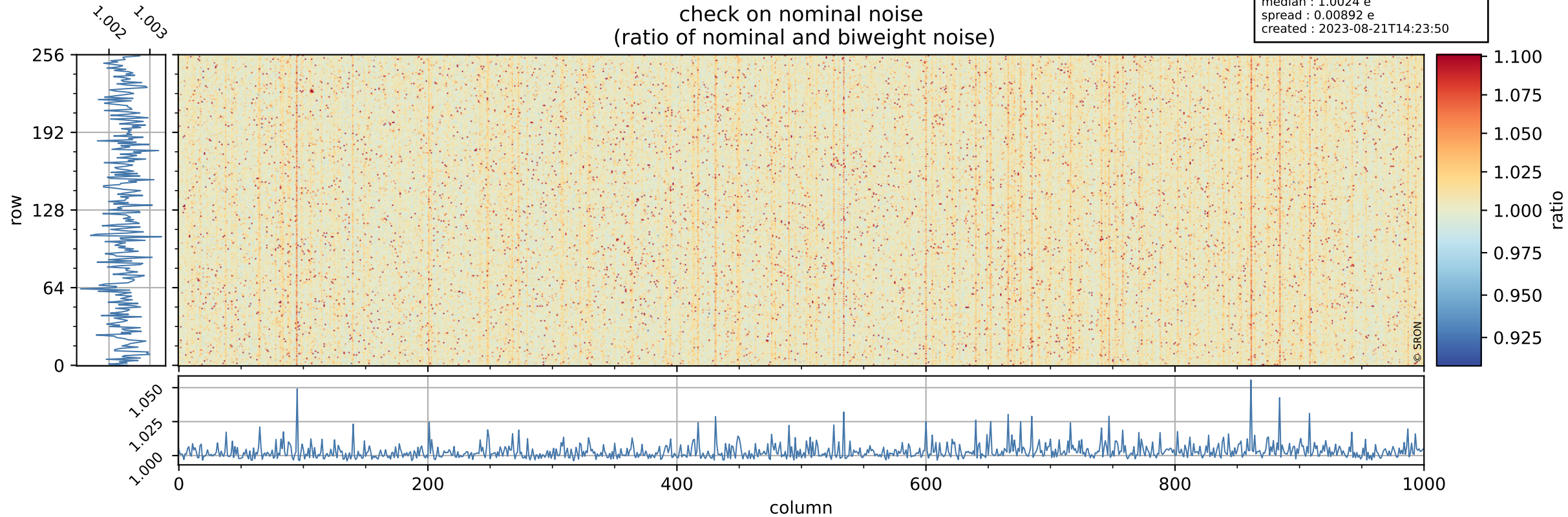




# Tropomi SWIR background noise (swir)

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

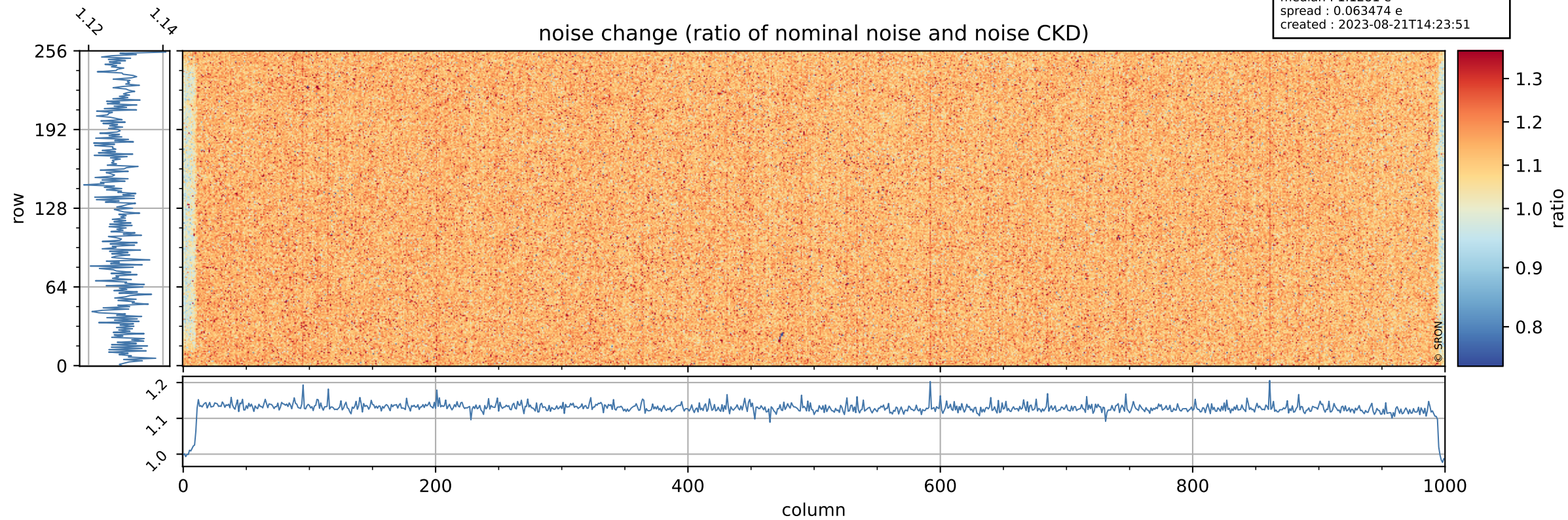
orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
median : 1.0024 e  
spread : 0.00892 e  
created : 2023-08-21T14:23:50



# Tropomi SWIR background noise (swir)

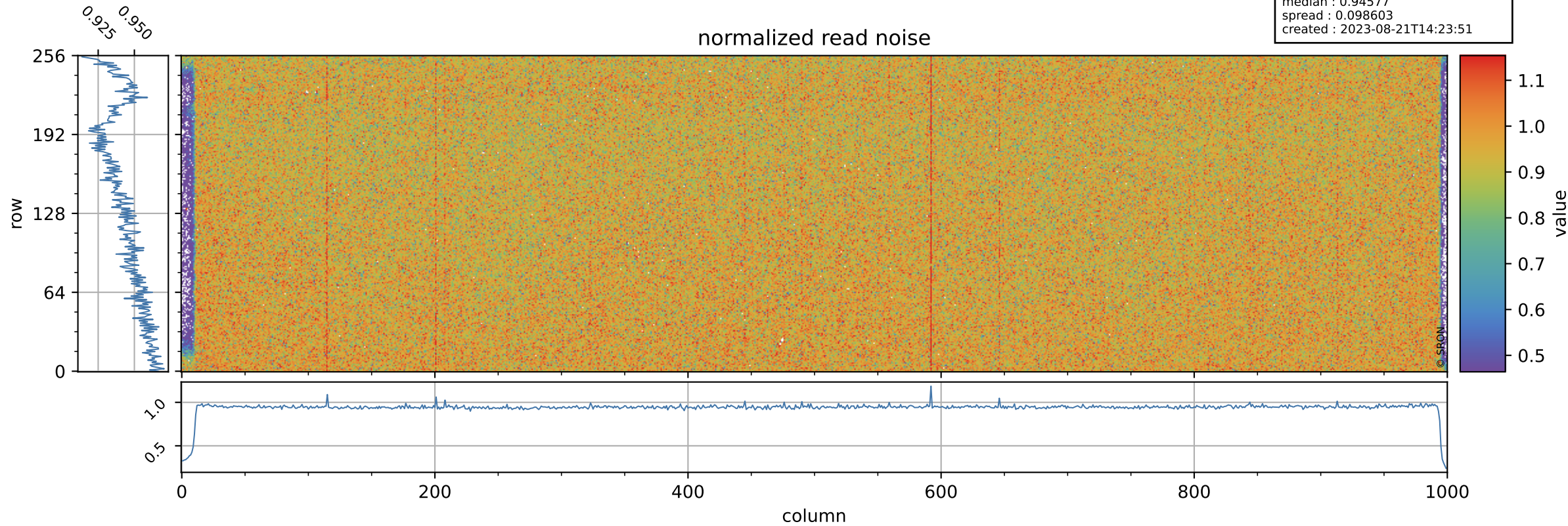
orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
median : 1.1281 e  
spread : 0.063474 e  
created : 2023-08-21T14:23:51

noise change (ratio of nominal noise and noise CKD)



# Tropomi SWIR background noise (swir)

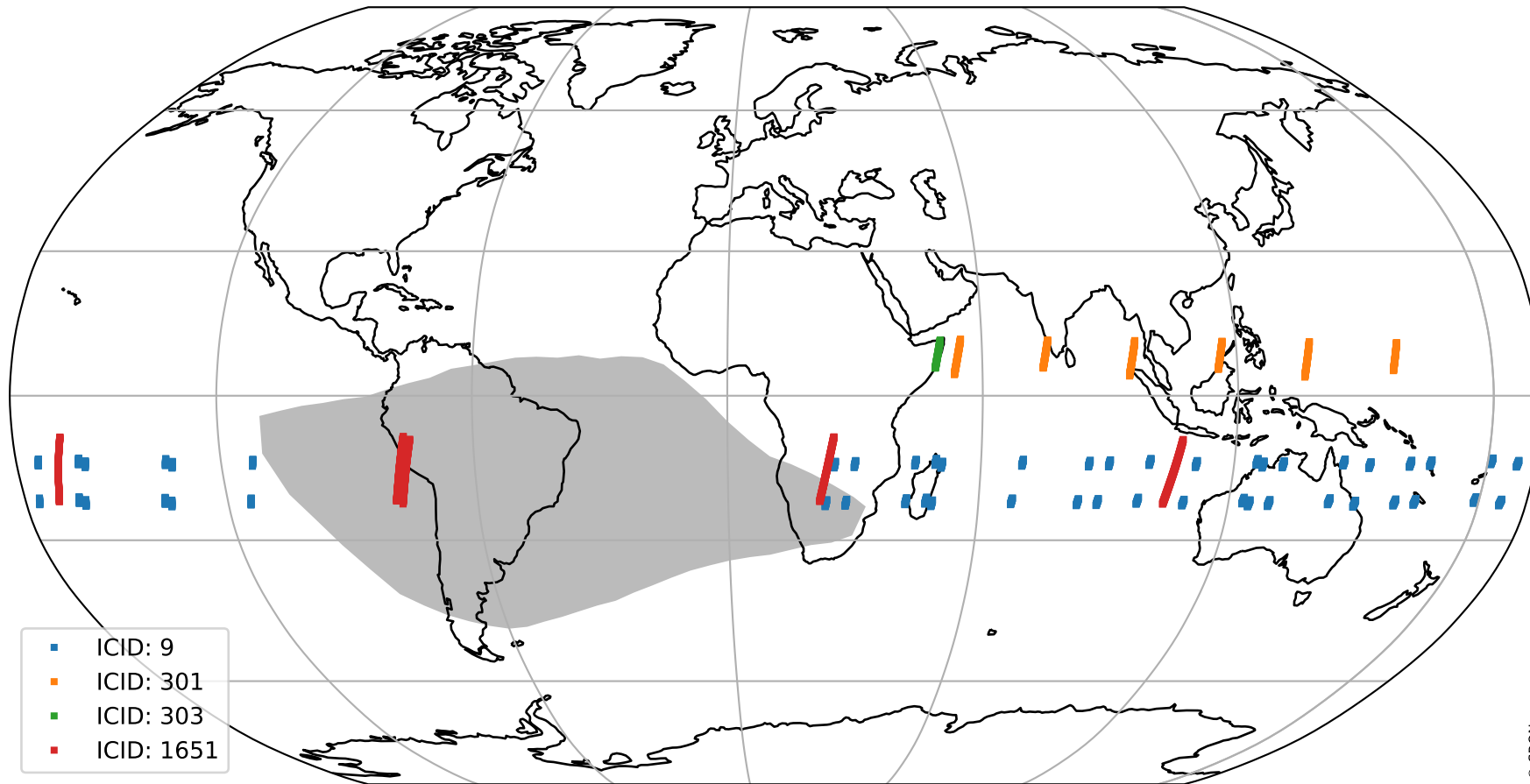
orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
median : 0.94577  
spread : 0.098603  
created : 2023-08-21T14:23:51





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

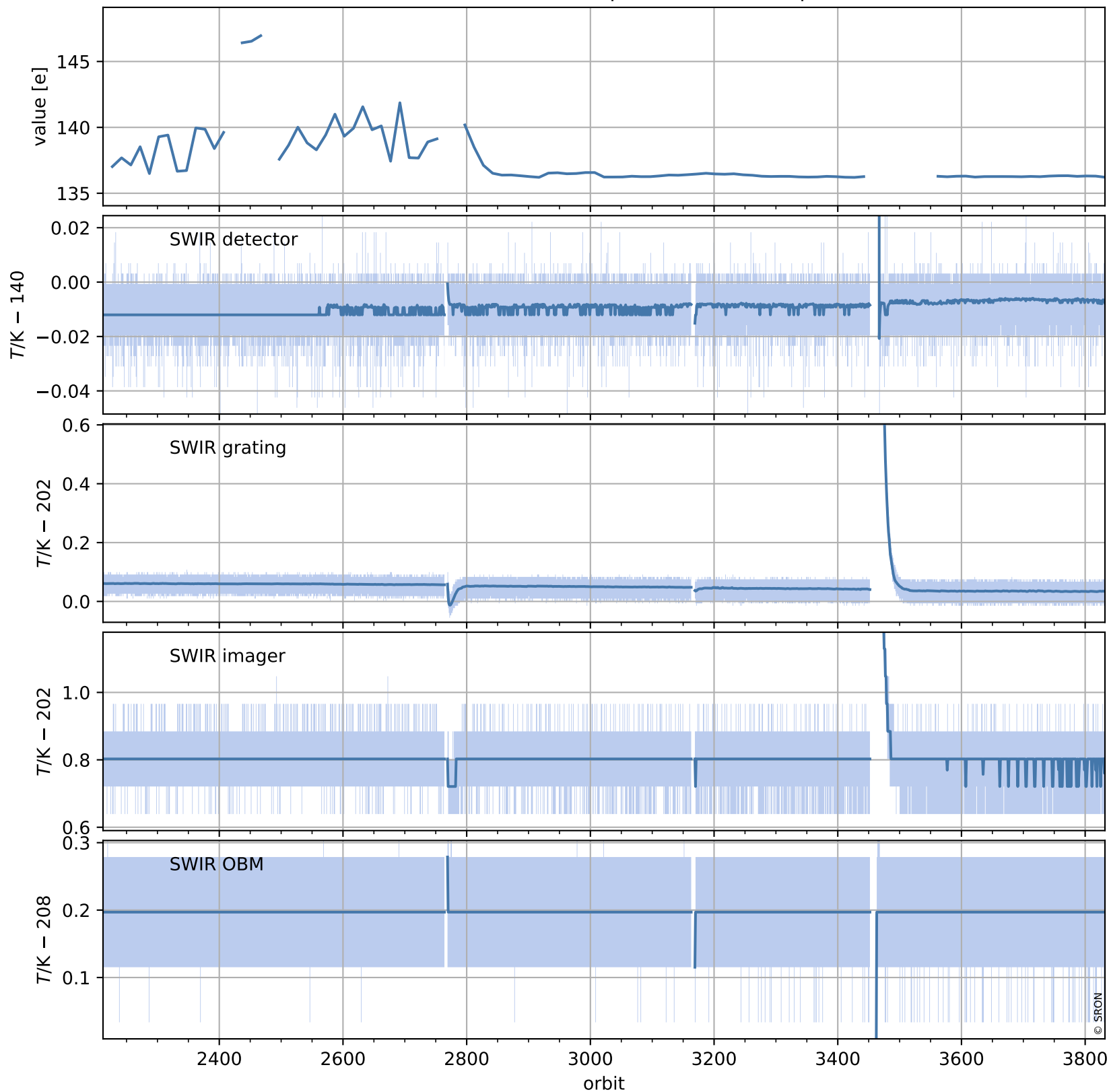
orbits : 12 in [3742, 3832]  
coverage : 2018-07-04 / 2018-07-10  
created : 2023-08-21T14:23:51



# Tropomi SWIR background noise (swir)

orbits : [2212, 3832]  
coverage : 2018-03-18 / 2018-07-10  
created : 2023-08-21T14:23:51

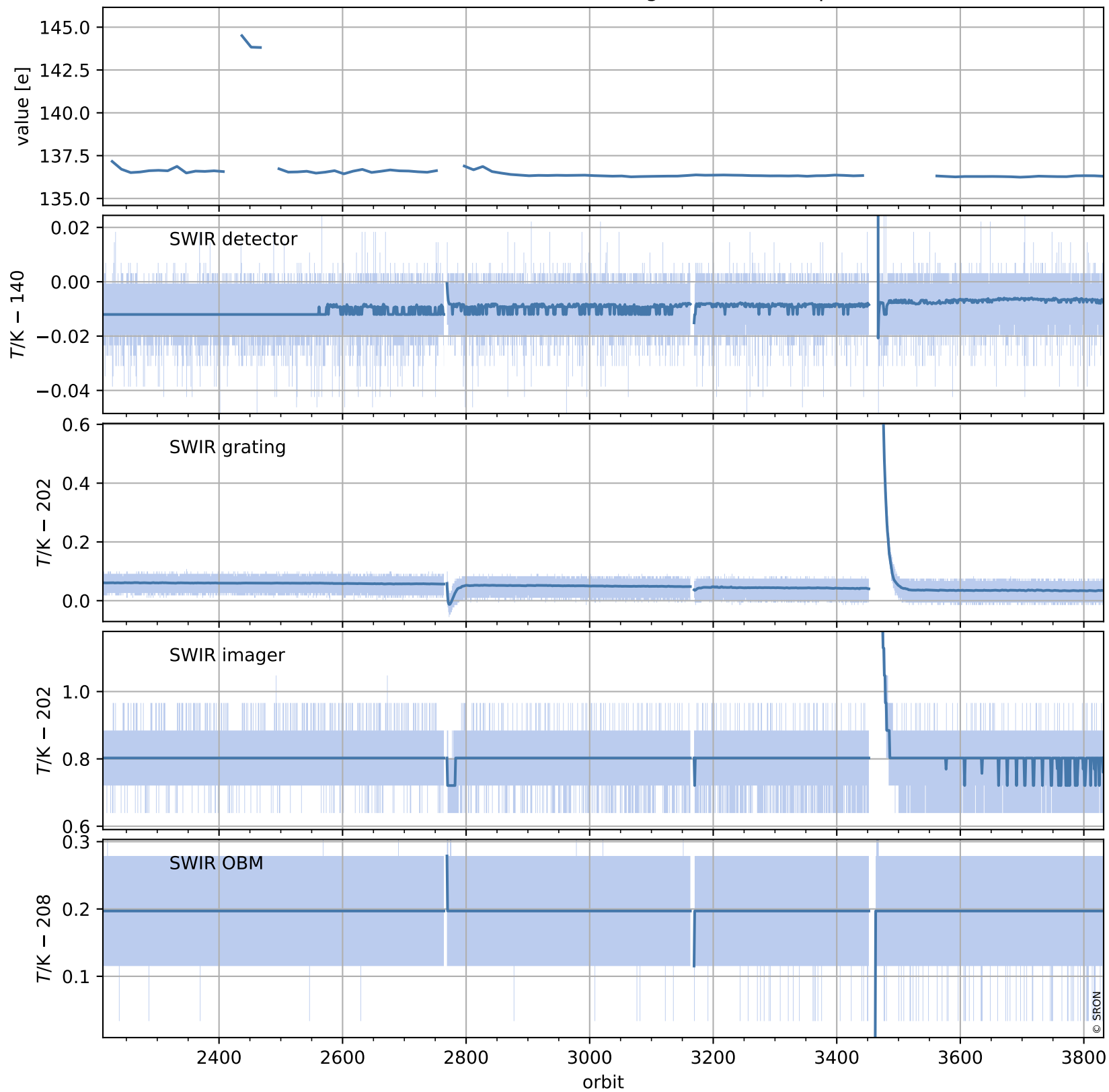
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3832]  
coverage : 2018-03-18 / 2018-07-10  
created : 2023-08-21T14:23:52

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3832]  
coverage : 2018-03-18 / 2018-07-10  
created : 2023-08-21T14:23:52

## trend of normalized read-noise & temperatures

