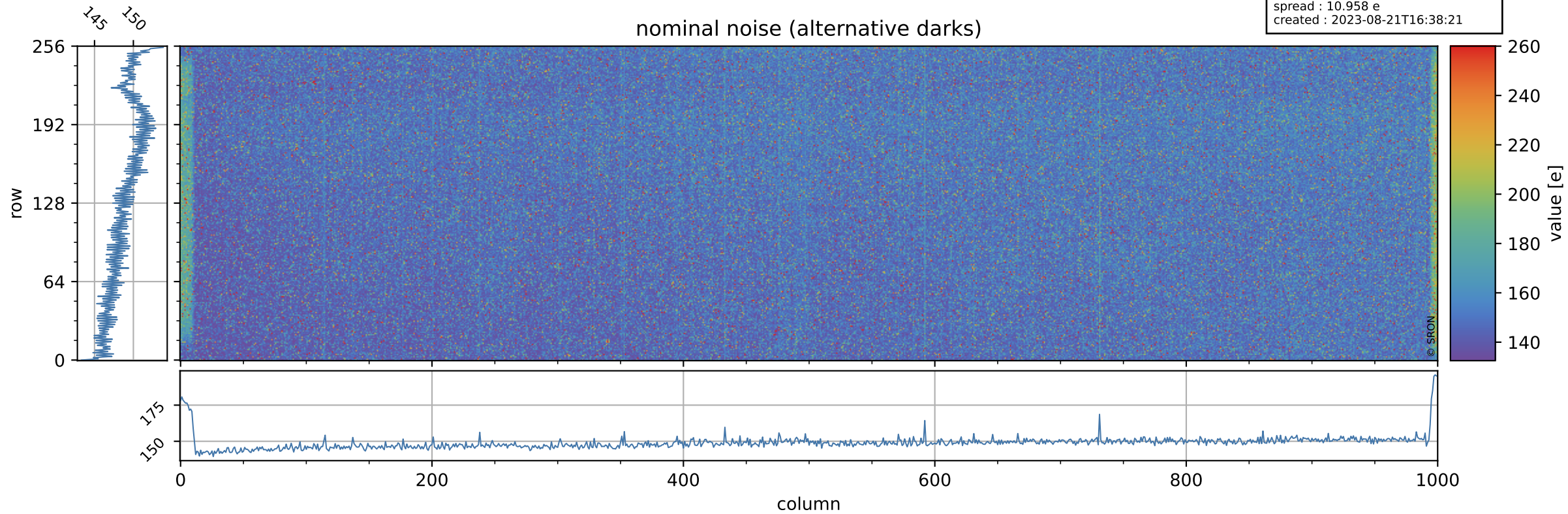


# Tropomi SWIR background noise (swir)

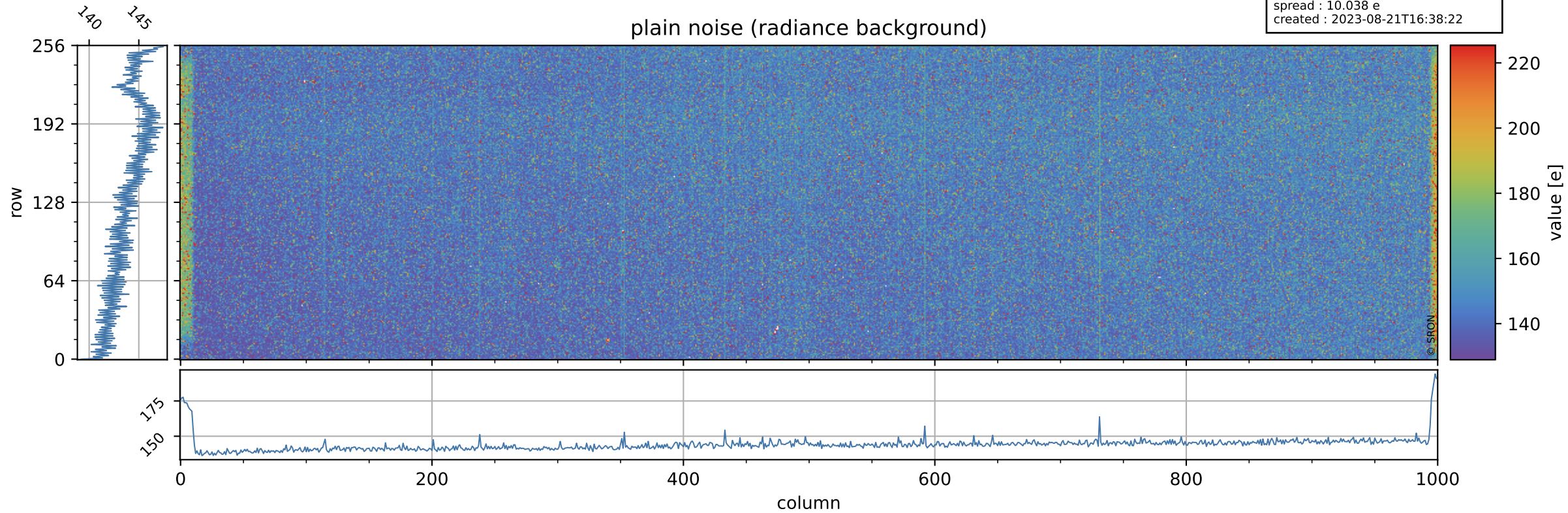
orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
n\_coad, t\_exp : 1, 1.0783  
median : 148.76 e  
spread : 10.958 e  
created : 2023-08-21T16:38:21



# Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.8 e  
spread : 10.038 e  
created : 2023-08-21T16:38:22

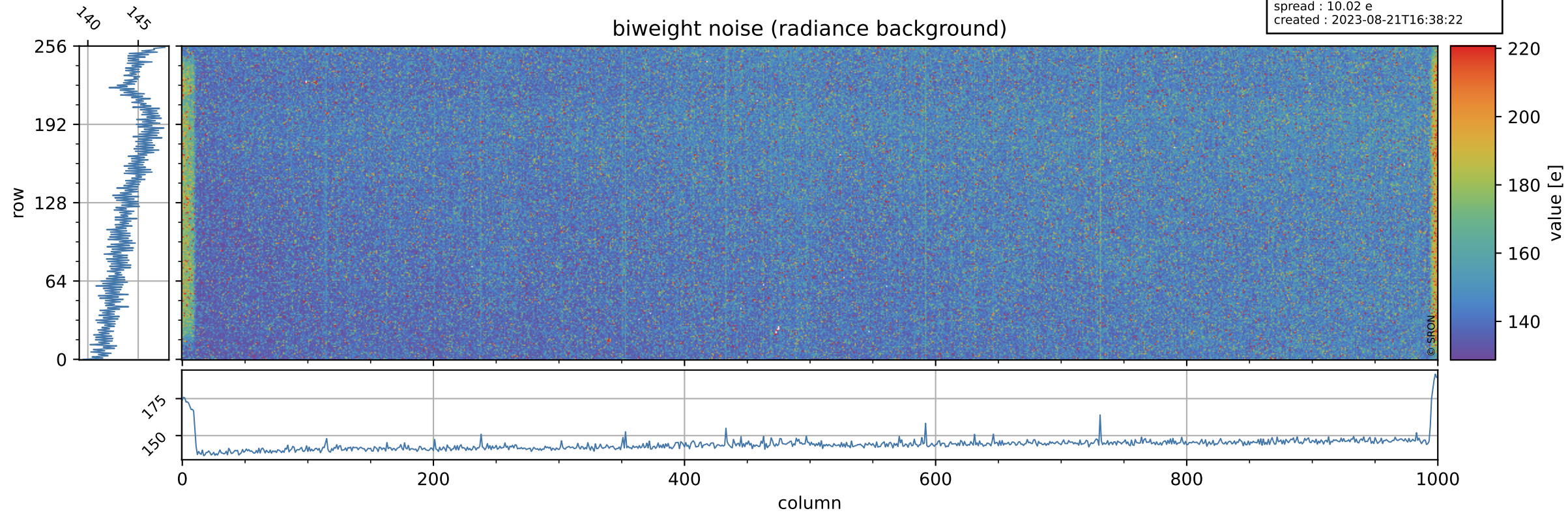
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.86 e  
spread : 10.02 e  
created : 2023-08-21T16:38:22

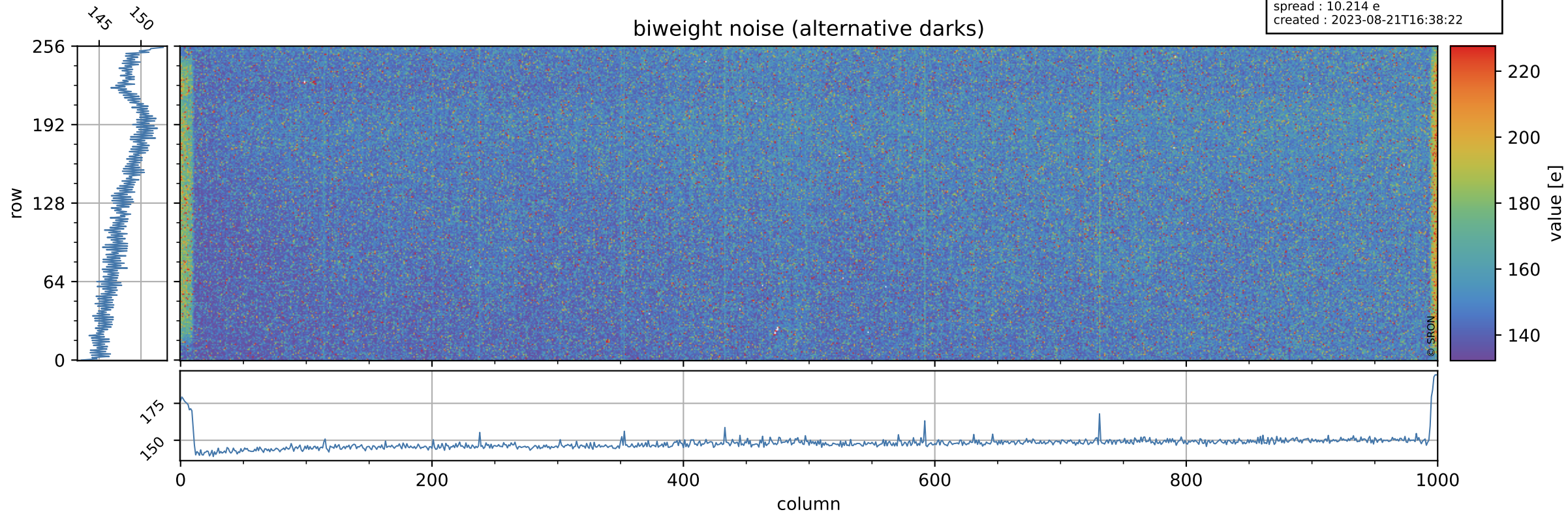
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.214 e  
created : 2023-08-21T16:38:22

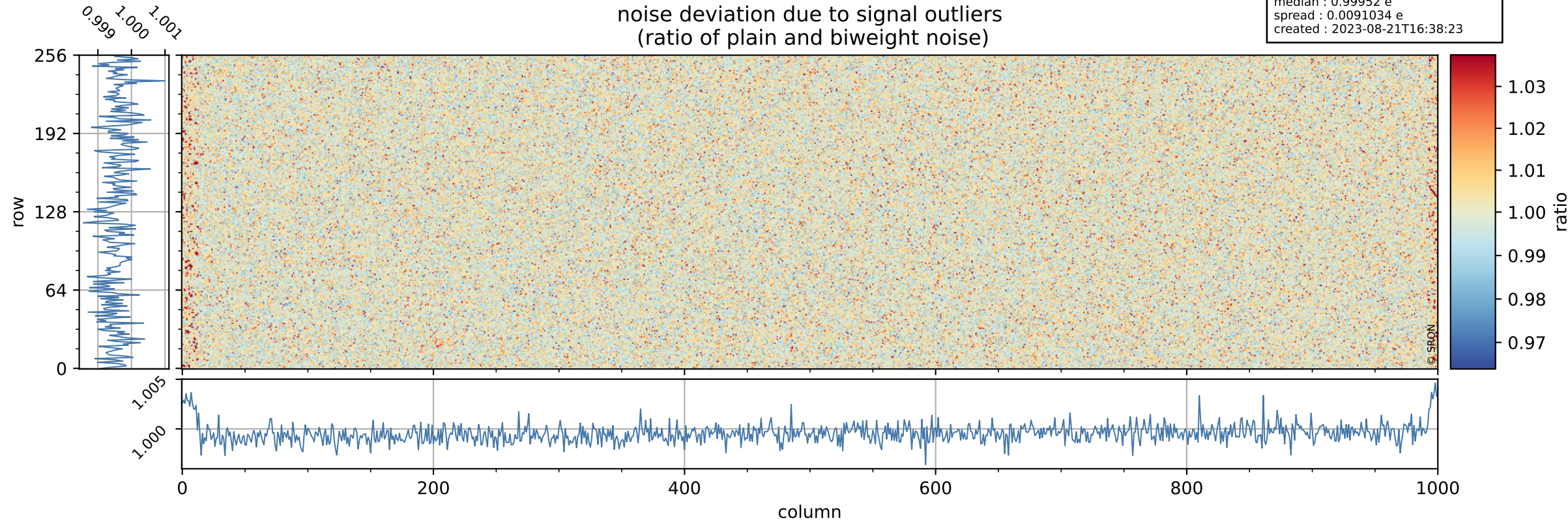
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

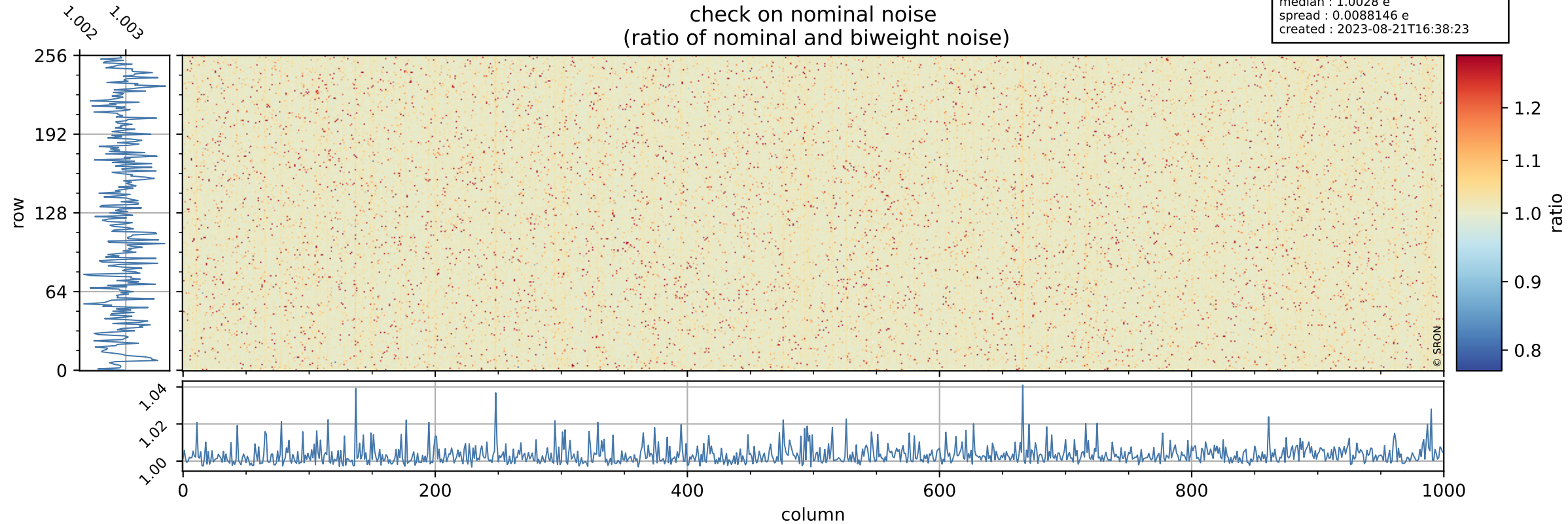
orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
median : 0.99952 e  
spread : 0.0091034 e  
created : 2023-08-21T16:38:23



# Tropomi SWIR background noise (swir)

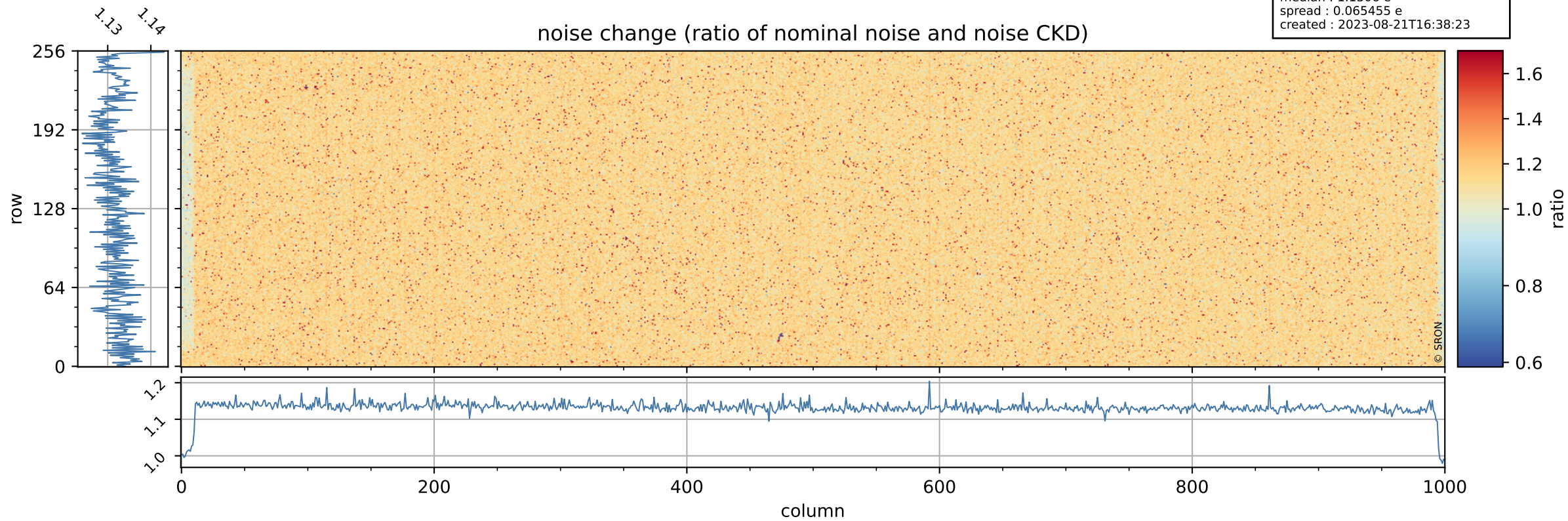
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
median : 1.0028 e  
spread : 0.0088146 e  
created : 2023-08-21T16:38:23



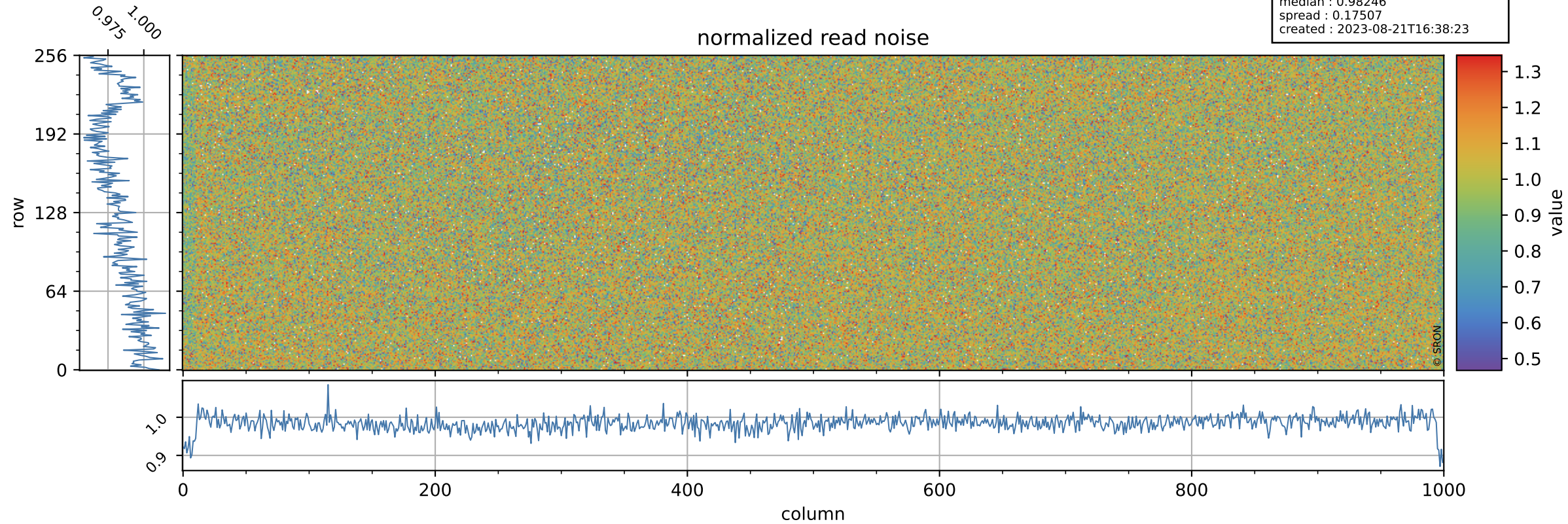
# Tropomi SWIR background noise (swir)

orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
median : 1.1306 e  
spread : 0.065455 e  
created : 2023-08-21T16:38:23



# Tropomi SWIR background noise (swir)

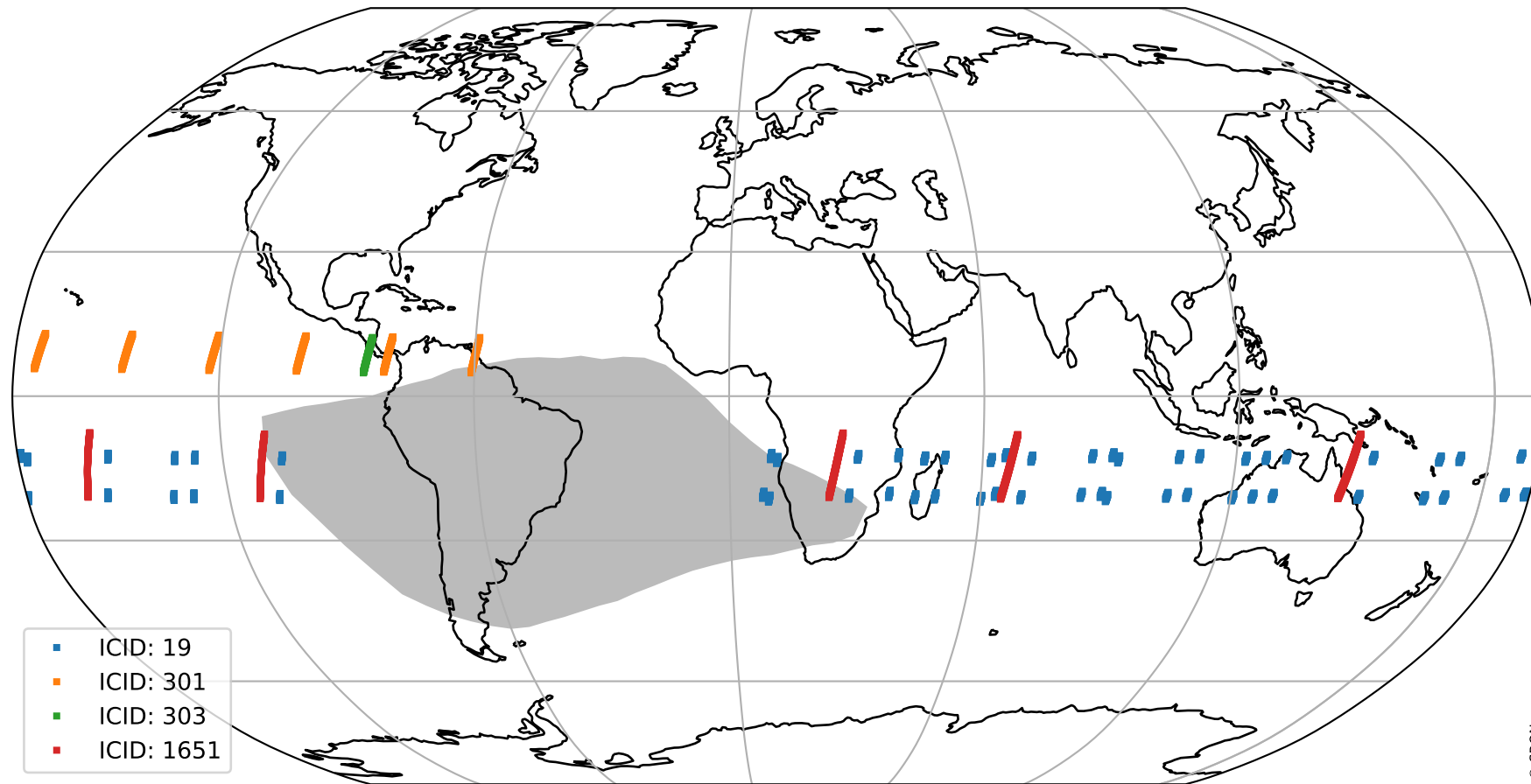
orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
median : 0.98246  
spread : 0.17507  
created : 2023-08-21T16:38:23





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

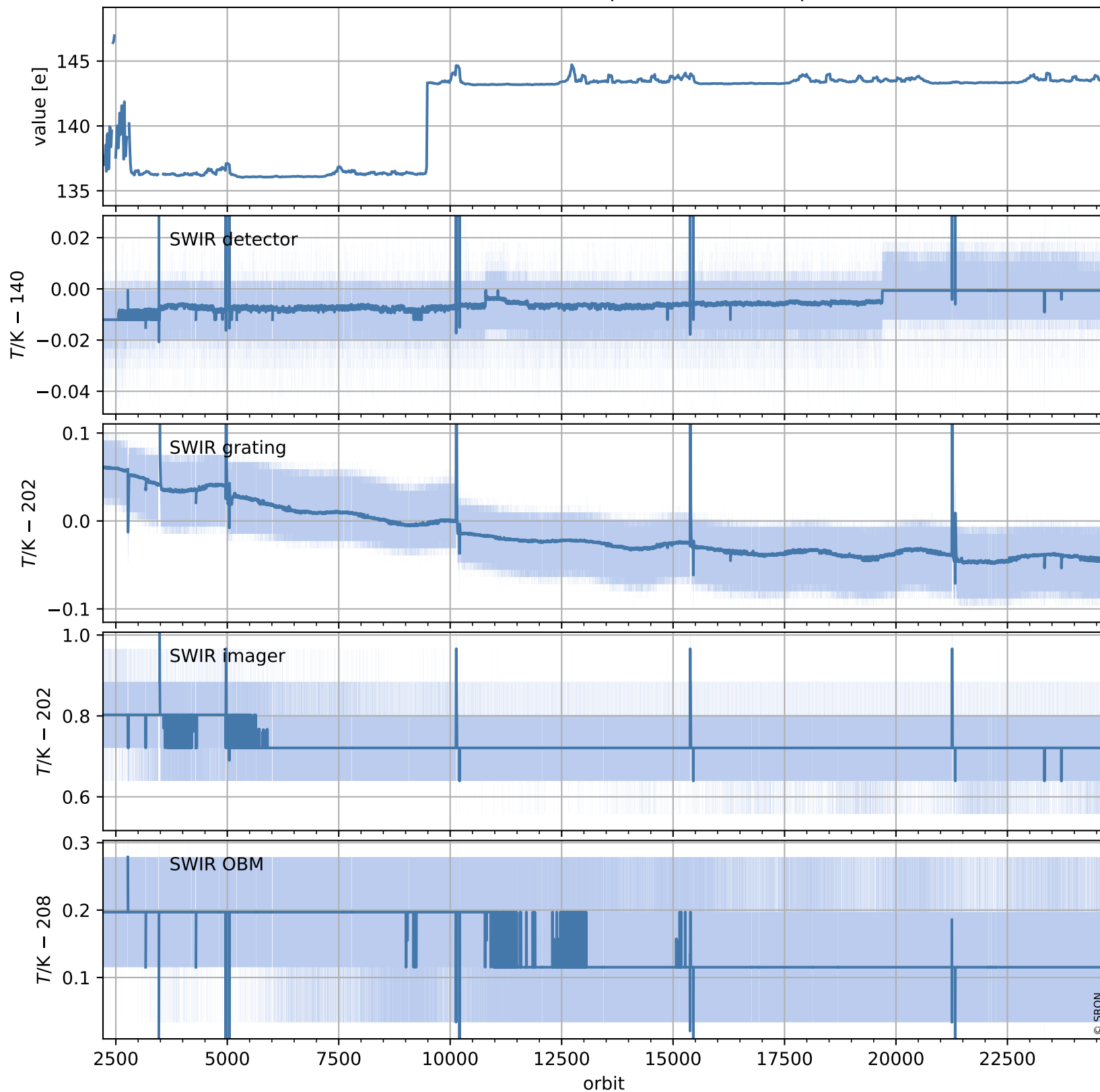
orbits : 12 in [24607, 24682]  
coverage : 2022-07-13 / 2022-07-18  
created : 2023-08-21T16:38:24



# Tropomi SWIR background noise (swir)

orbits : [2212, 24682]  
coverage : 2018-03-18 / 2022-07-18  
created : 2023-08-21T16:38:24

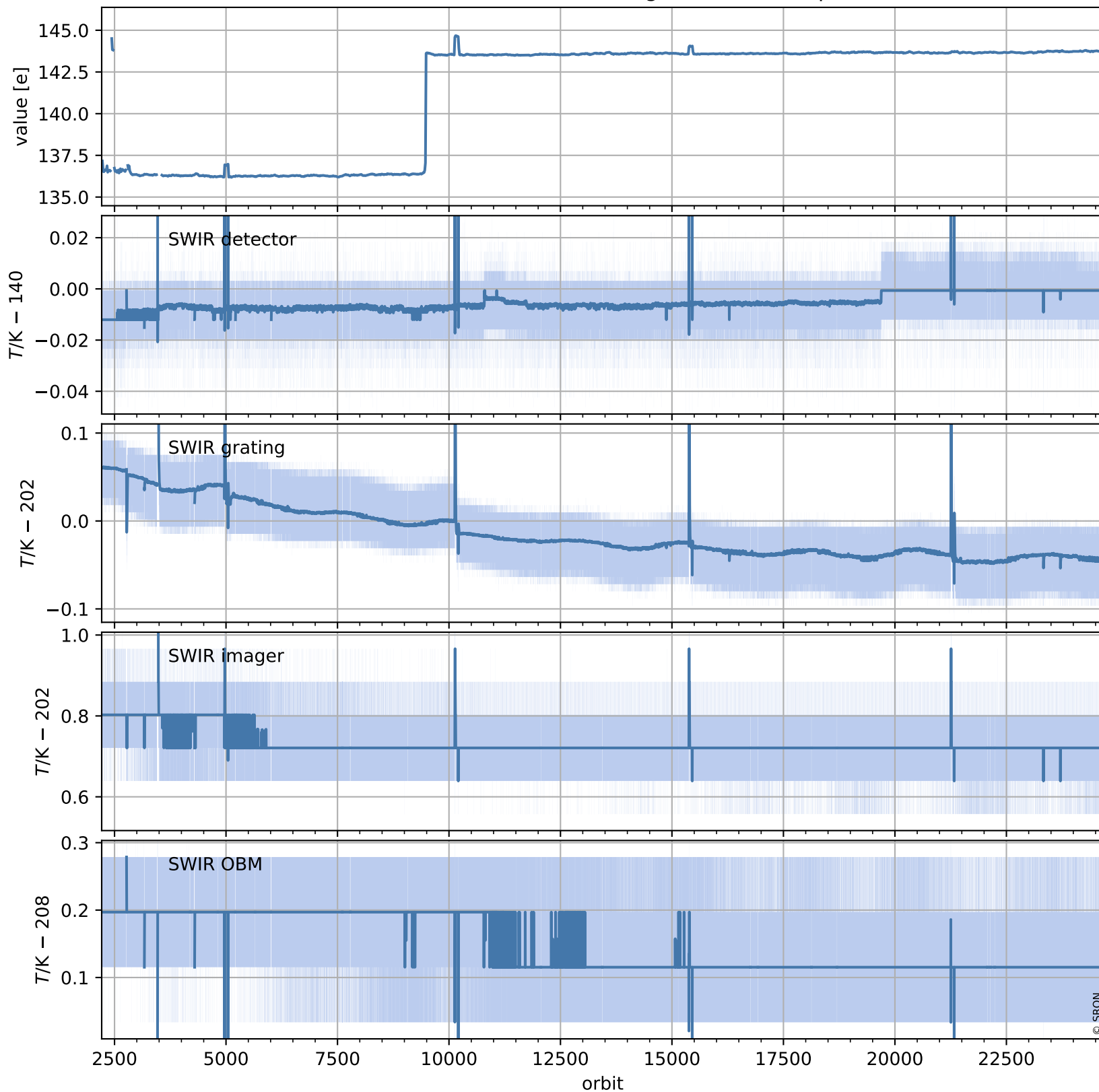
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24682]  
coverage : 2018-03-18 / 2022-07-18  
created : 2023-08-21T16:38:25

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24682]  
coverage : 2018-03-18 / 2022-07-18  
created : 2023-08-21T16:38:26

## trend of normalized read-noise & temperatures

