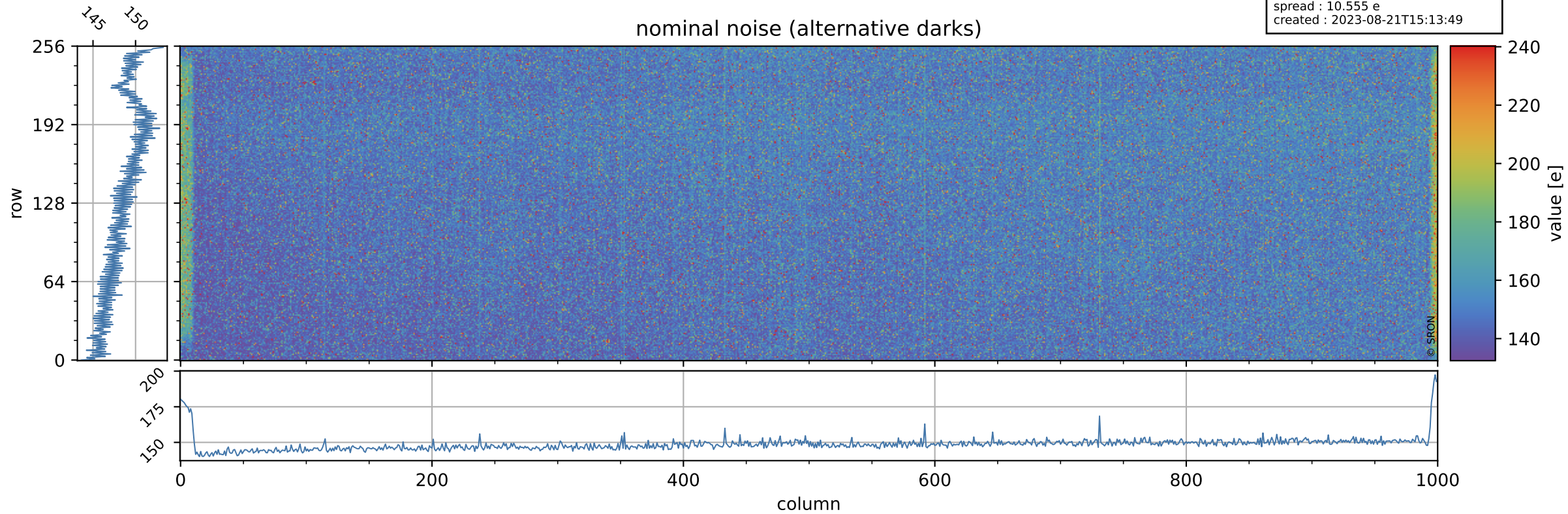


# Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
n\_coad, t\_exp : 1, 1.0783  
median : 148.47 e  
spread : 10.555 e  
created : 2023-08-21T15:13:49

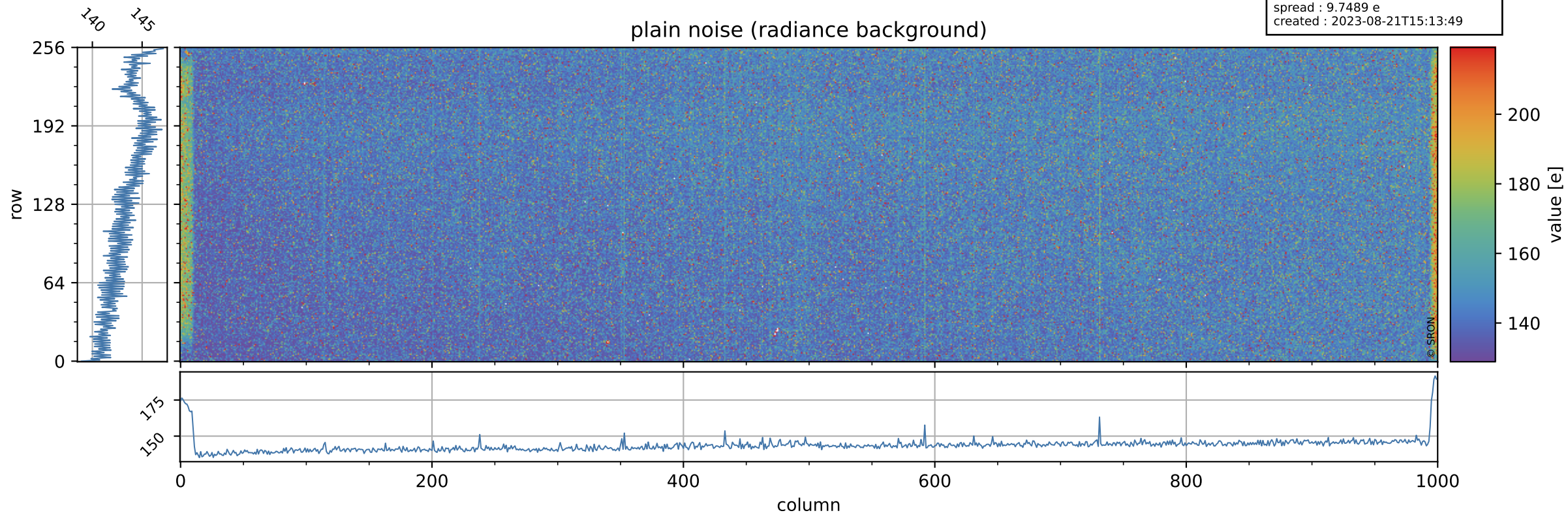
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.35 e  
spread : 9.7489 e  
created : 2023-08-21T15:13:49

plain noise (radiance background)

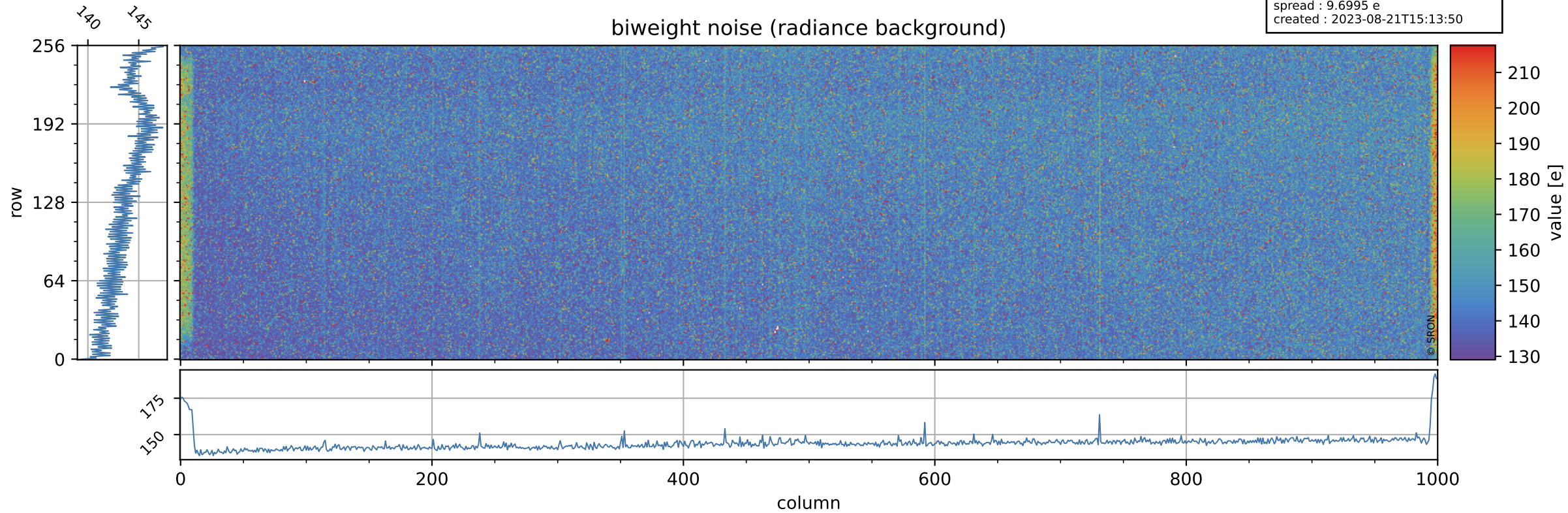




# Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.6995 e  
created : 2023-08-21T15:13:50

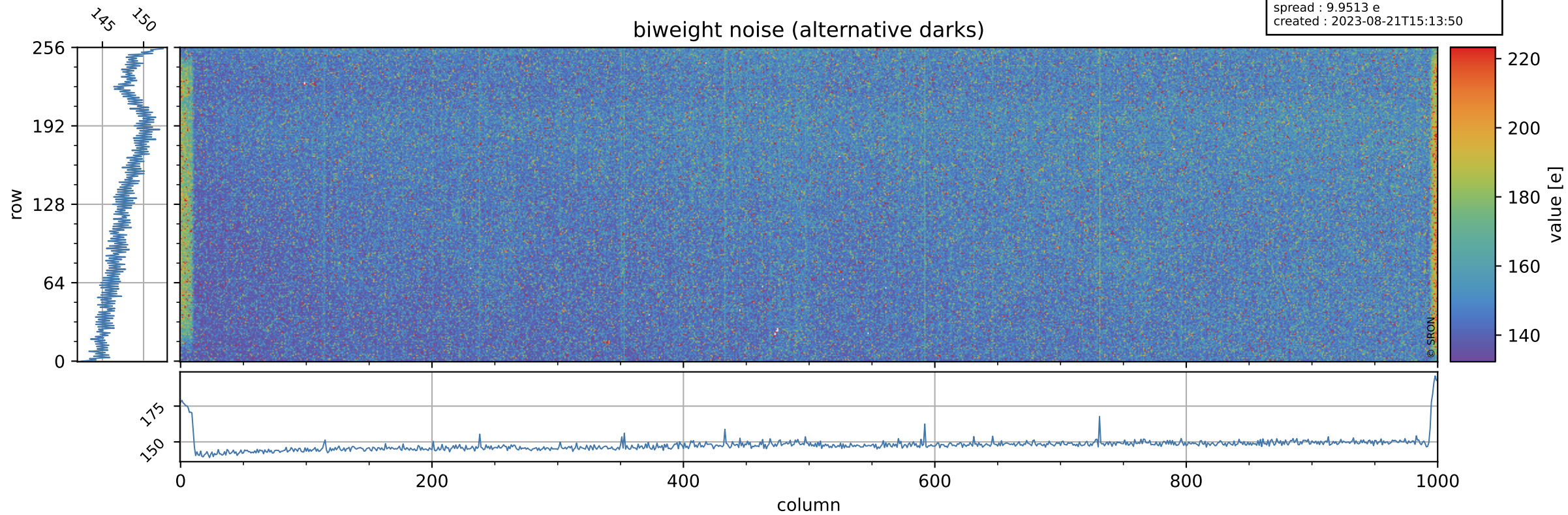
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 9.9513 e  
created : 2023-08-21T15:13:50

## biweight noise (alternative darks)



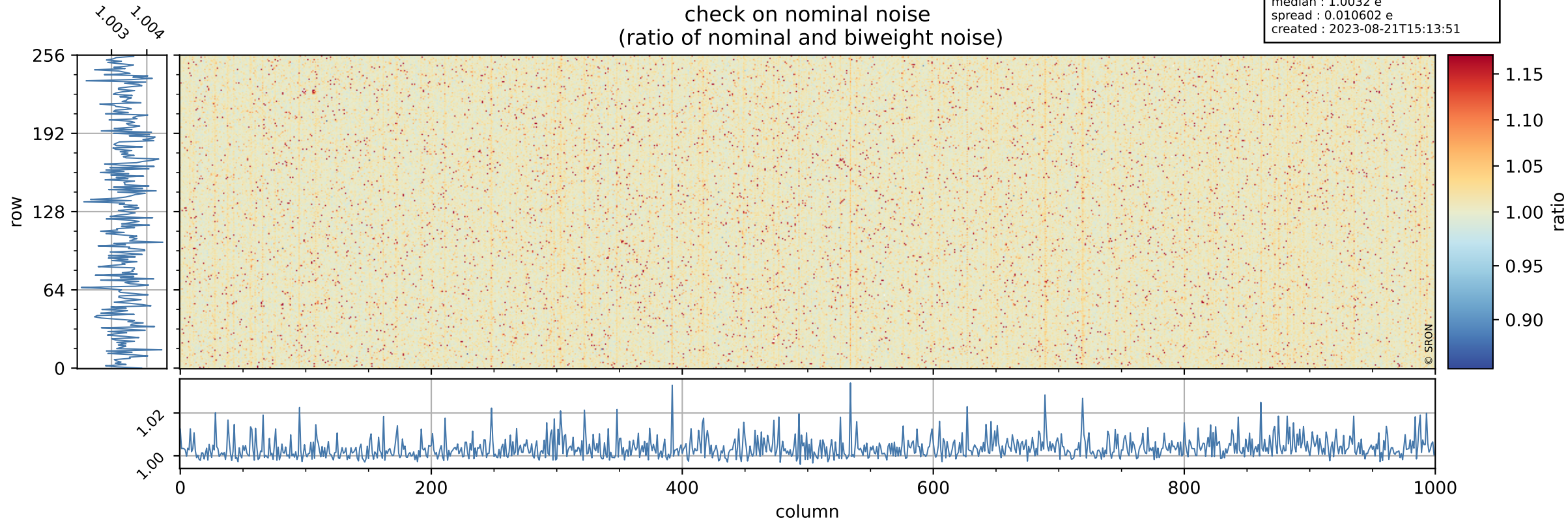




# Tropomi SWIR background noise (swir)

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

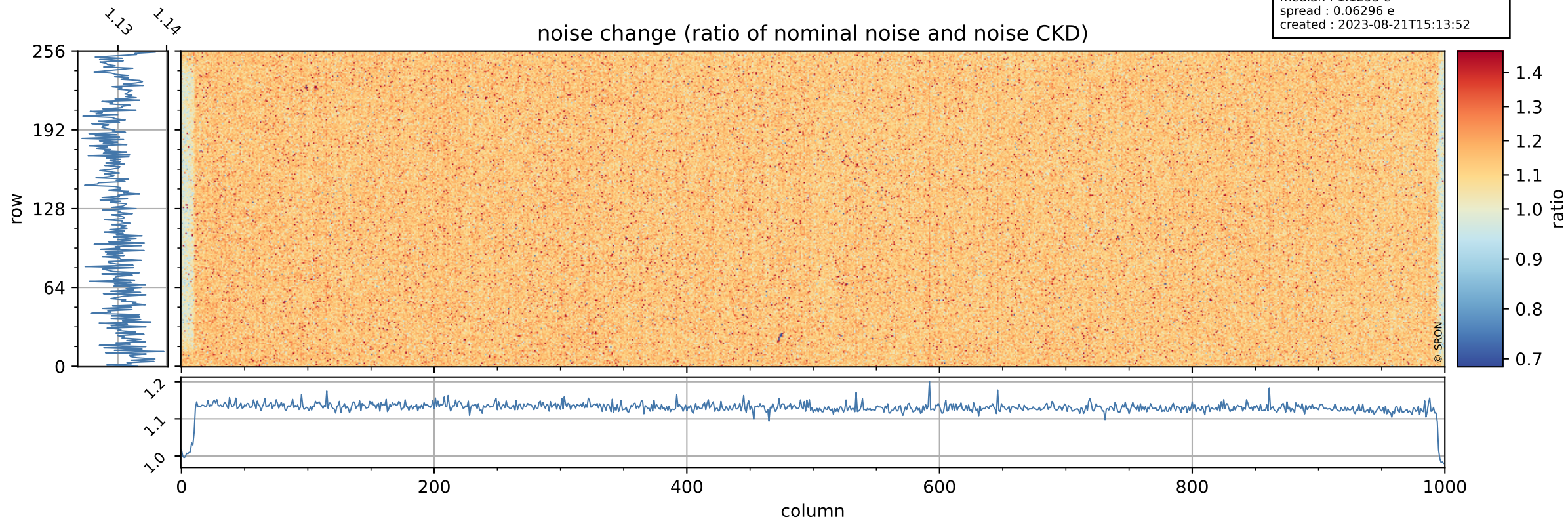
orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
median : 1.0032 e  
spread : 0.010602 e  
created : 2023-08-21T15:13:51





# Tropomi SWIR background noise (swir)

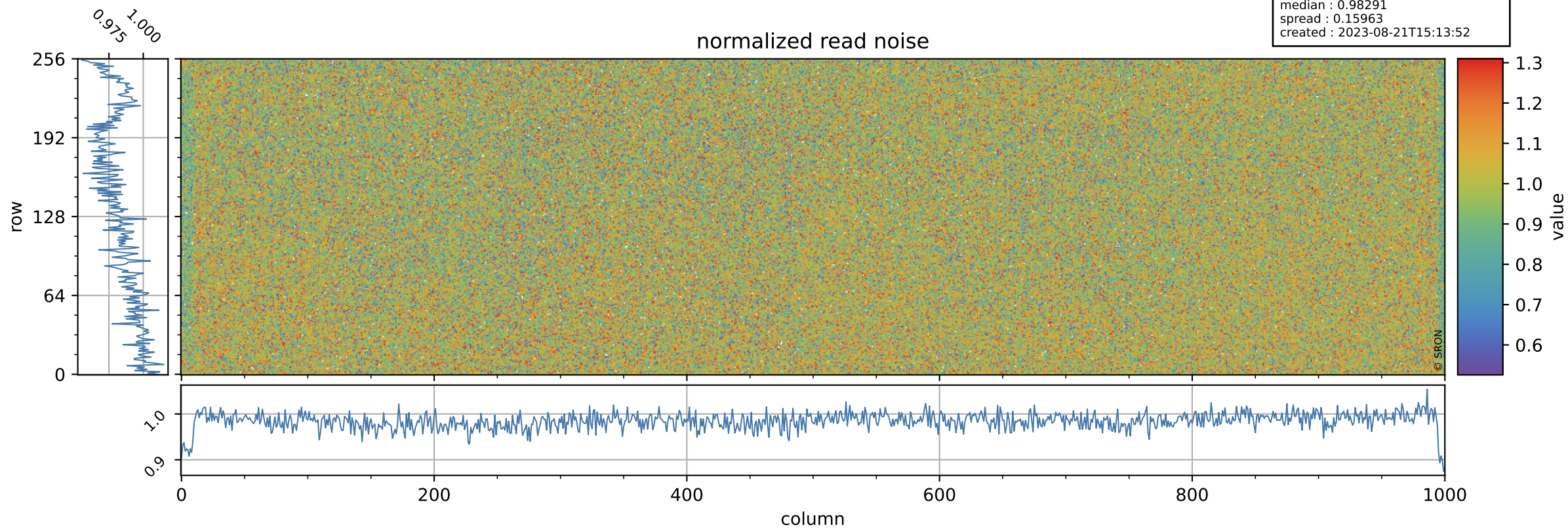
orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
median : 1.1295 e  
spread : 0.06296 e  
created : 2023-08-21T15:13:52





# Tropomi SWIR background noise (swir)

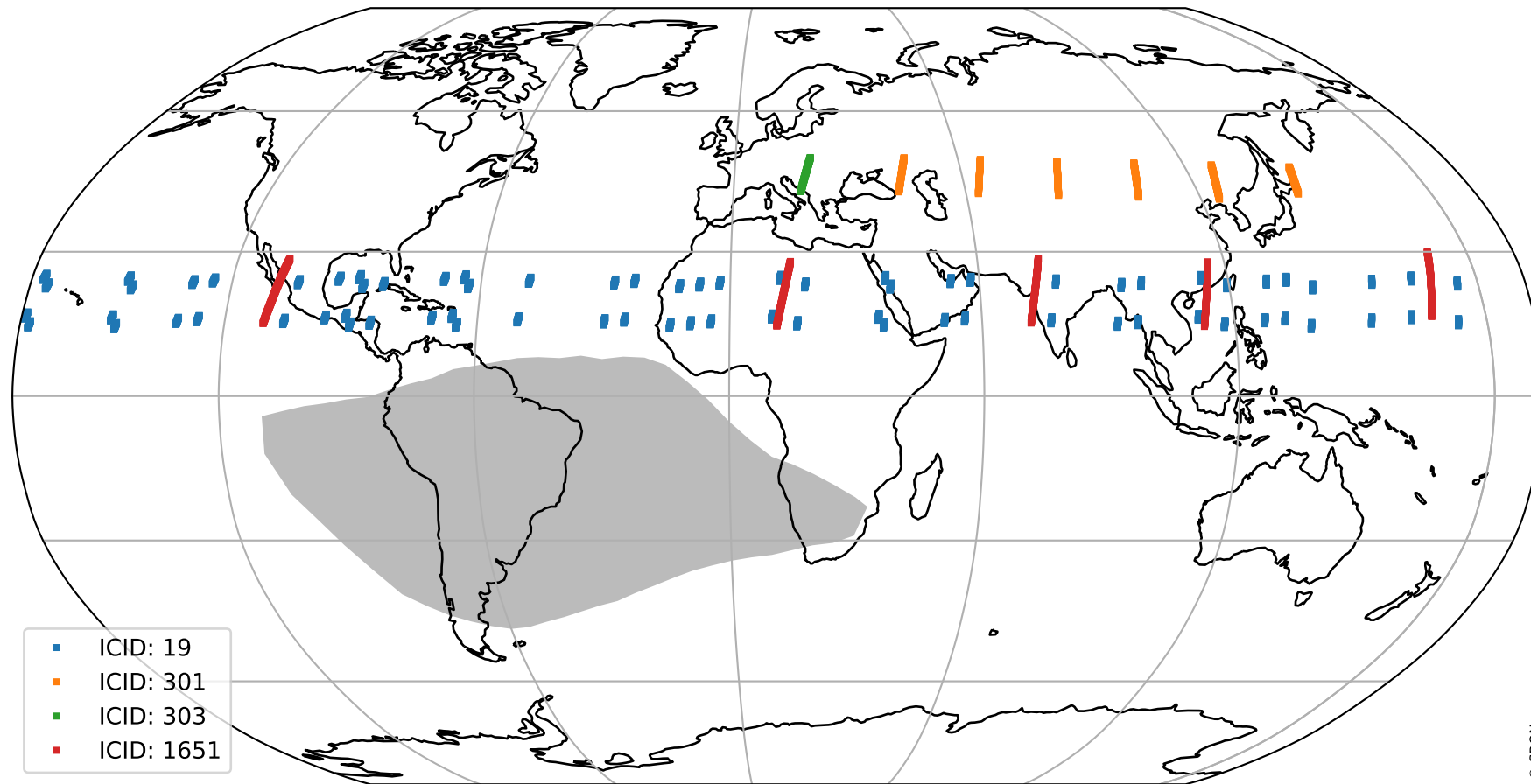
orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
median : 0.98291  
spread : 0.15963  
created : 2023-08-21T15:13:52





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

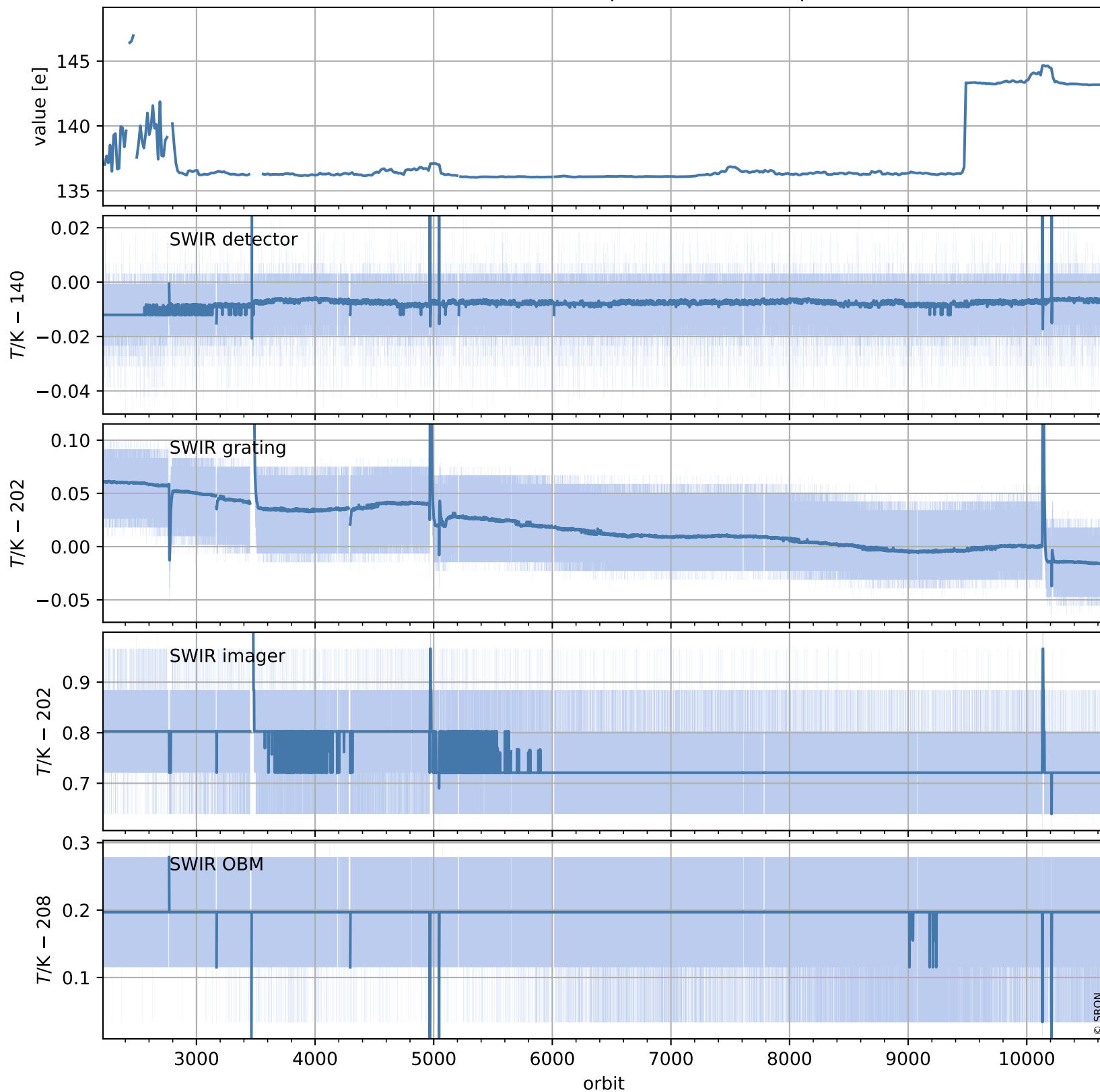
orbits : 12 in [10567, 10657]  
coverage : 2019-10-28 / 2019-11-03  
created : 2023-08-21T15:13:53



# Tropomi SWIR background noise (swir)

orbits : [2212, 10657]  
coverage : 2018-03-18 / 2019-11-03  
created : 2023-08-21T15:13:53

## trend of detector median of plain noise & temperatures

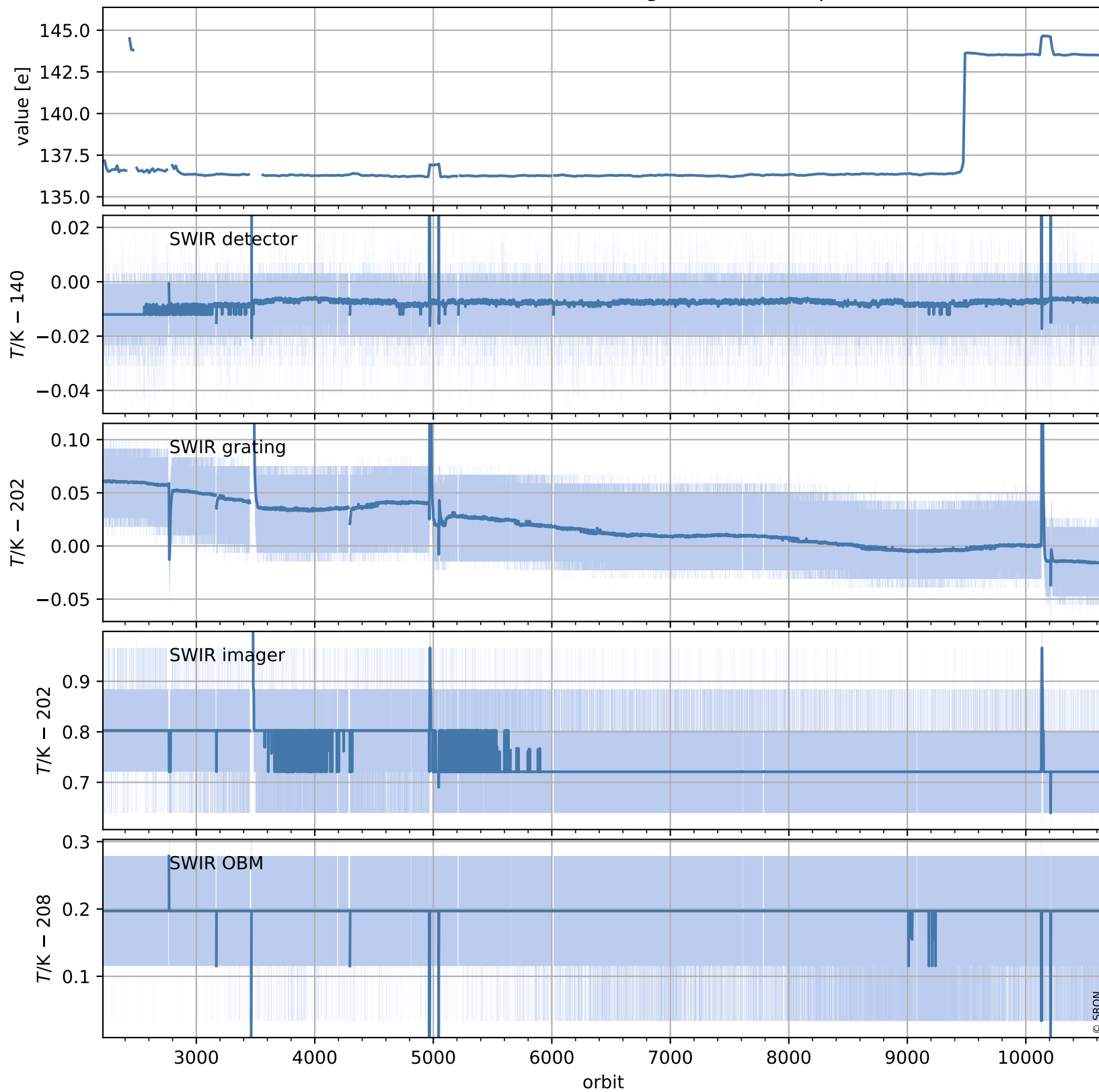




# Tropomi SWIR background noise (swir)

orbits : [2212, 10657]  
coverage : 2018-03-18 / 2019-11-03  
created : 2023-08-21T15:13:54

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10657]  
coverage : 2018-03-18 / 2019-11-03  
created : 2023-08-21T15:13:55

## trend of normalized read-noise & temperatures

