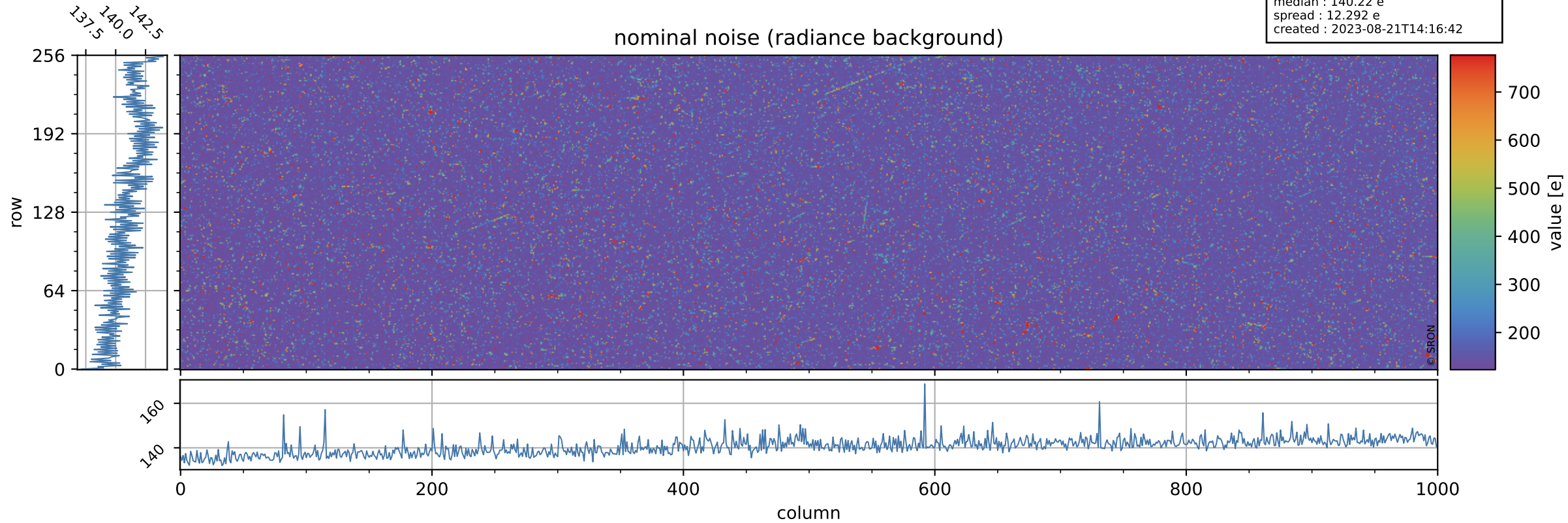


# Tropomi SWIR background noise (swir)

orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
n\_coad, t\_exp : 2, 0.5383  
median : 140.22 e  
spread : 12.292 e  
created : 2023-08-21T14:16:42

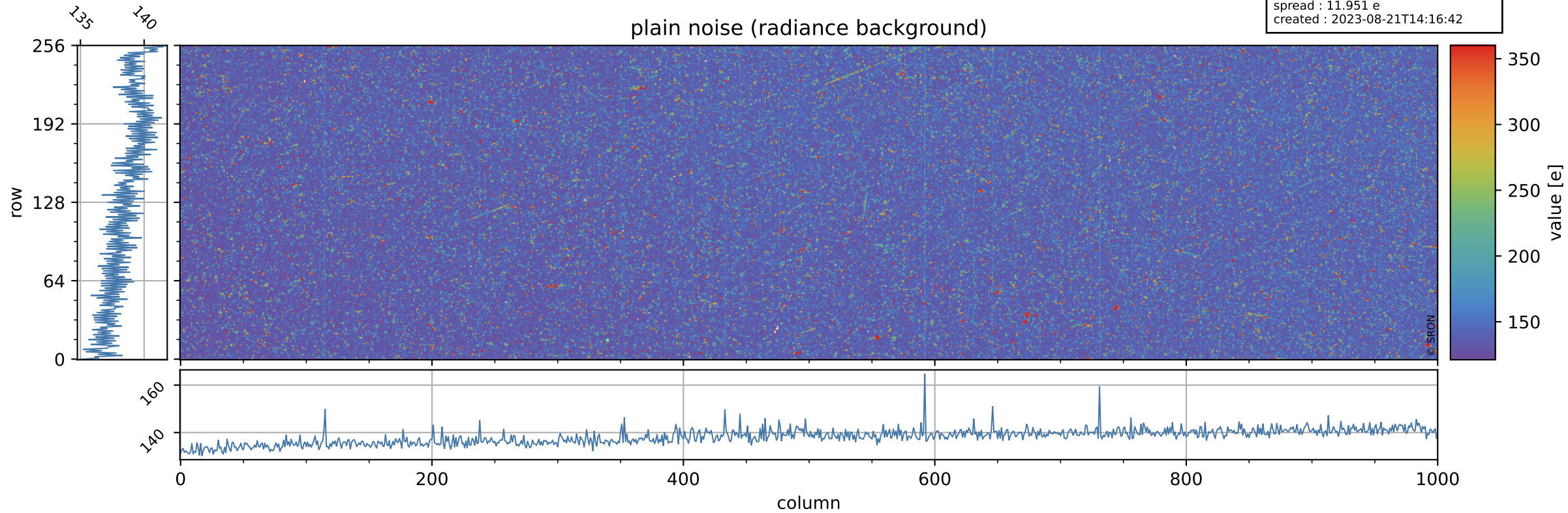
nominal noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
n\_coad, t\_exp : 2, 0.5383  
median : 138.05 e  
spread : 11.951 e  
created : 2023-08-21T14:16:42

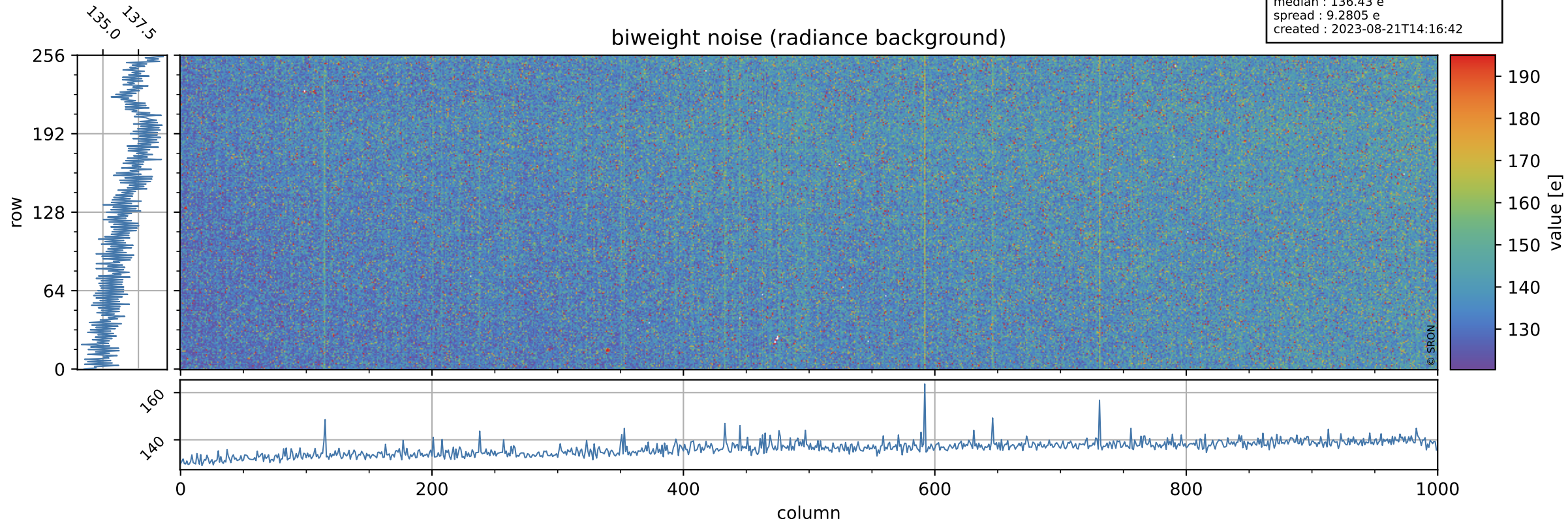
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
n\_coad, t\_exp : 2, 0.5383  
median : 136.43 e  
spread : 9.2805 e  
created : 2023-08-21T14:16:42

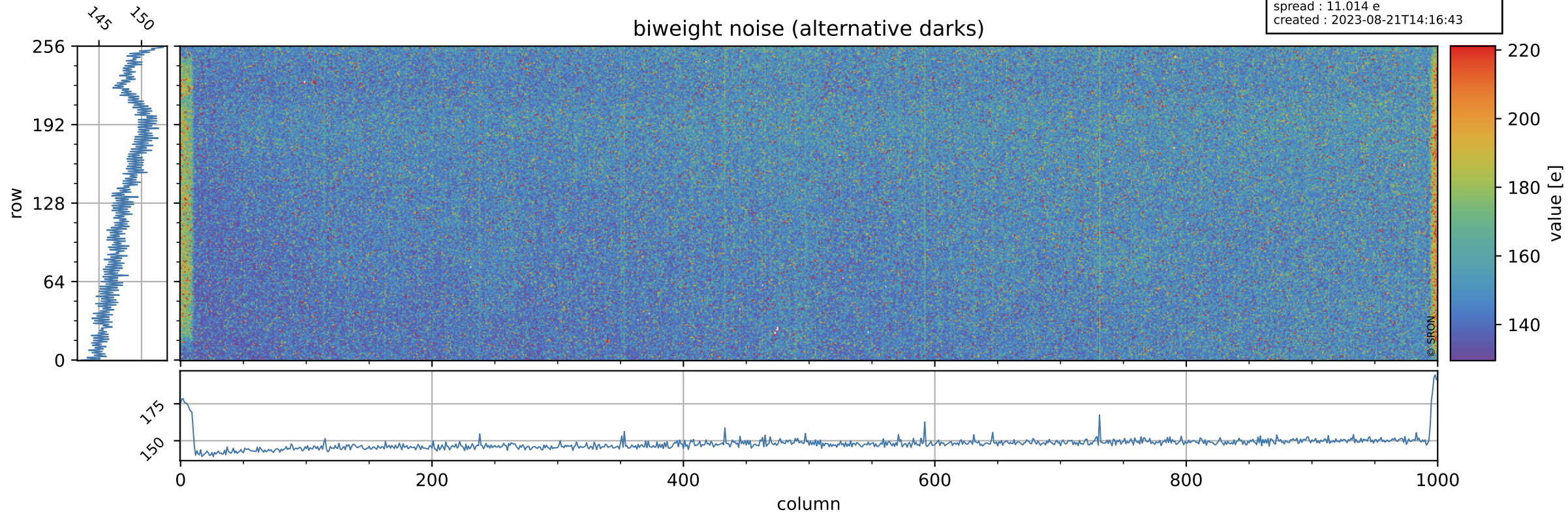
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 11.014 e  
created : 2023-08-21T14:16:43

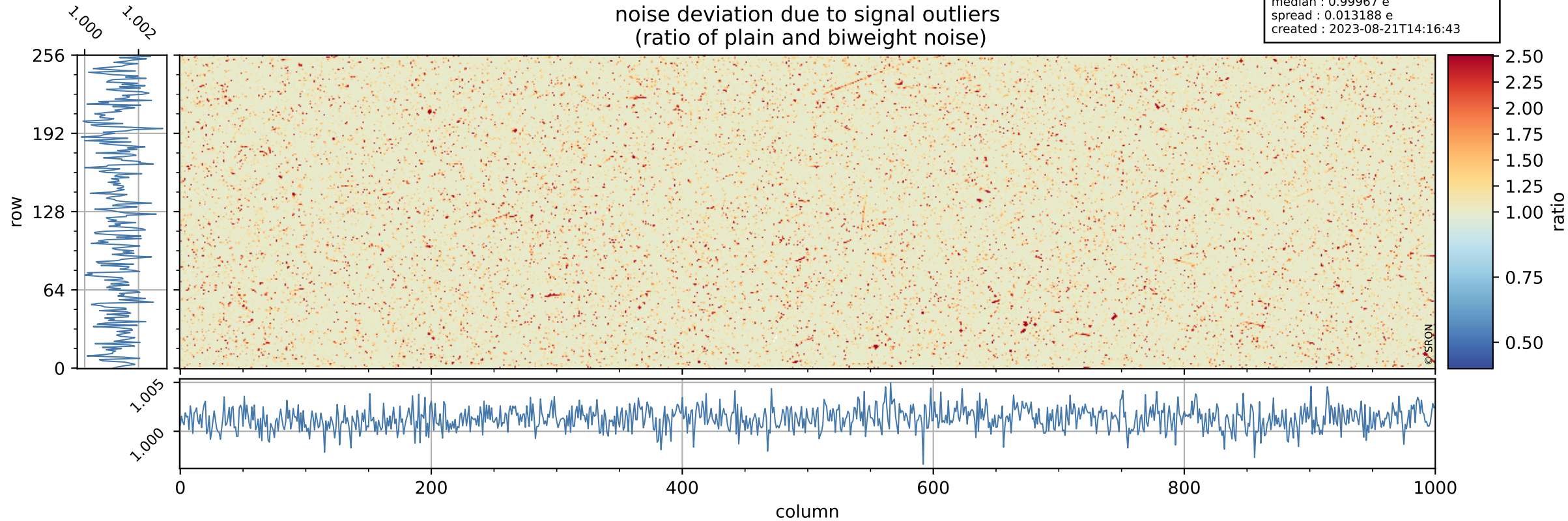
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

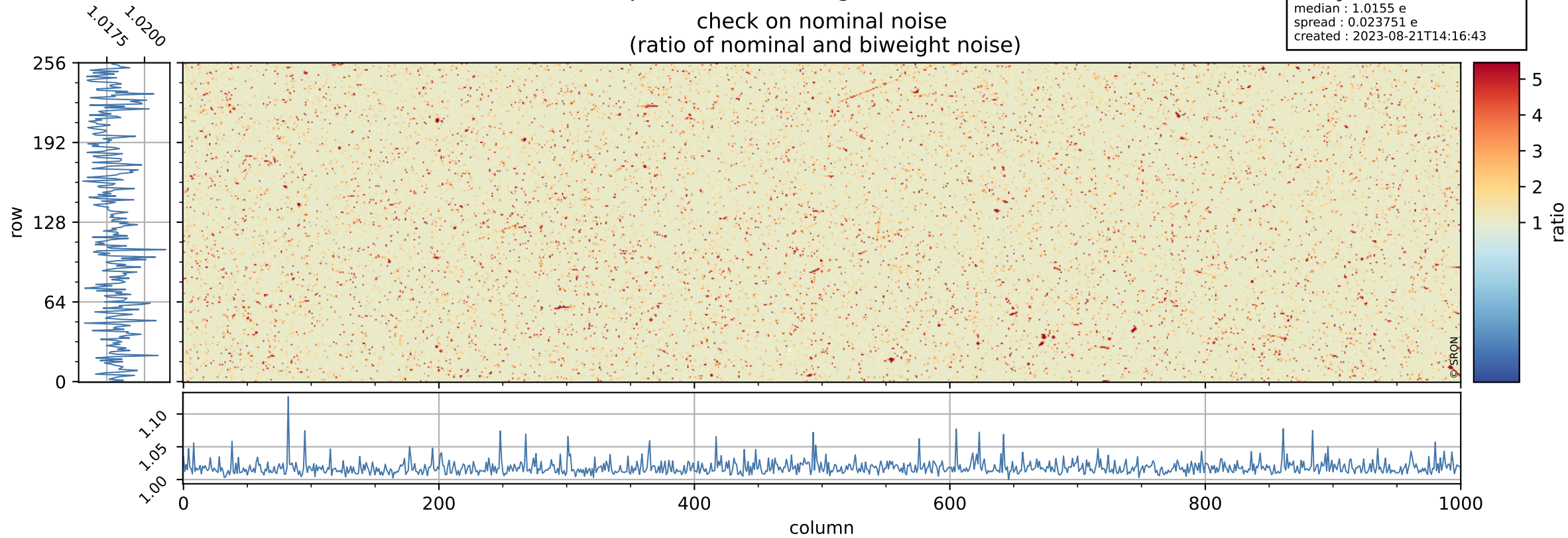
orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
median : 0.99967 e  
spread : 0.013188 e  
created : 2023-08-21T14:16:43



# Tropomi SWIR background noise (swir)

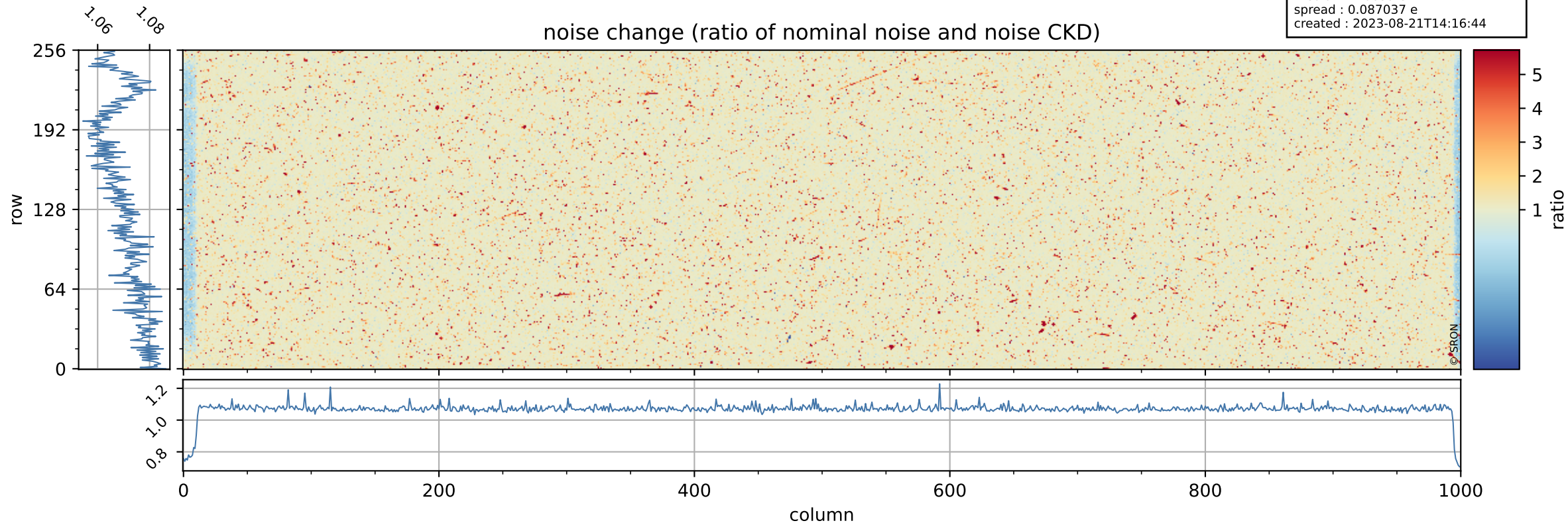
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
median : 1.0155 e  
spread : 0.023751 e  
created : 2023-08-21T14:16:43



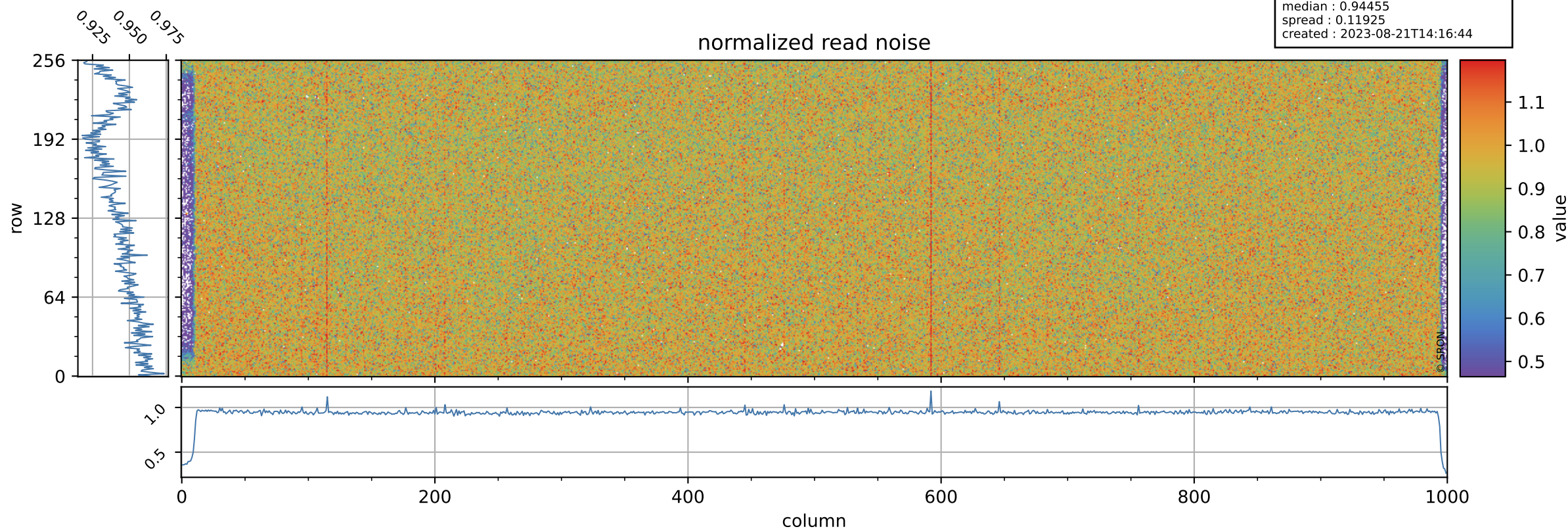
# Tropomi SWIR background noise (swir)

orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
median : 1.0639 e  
spread : 0.087037 e  
created : 2023-08-21T14:16:44



# Tropomi SWIR background noise (swir)

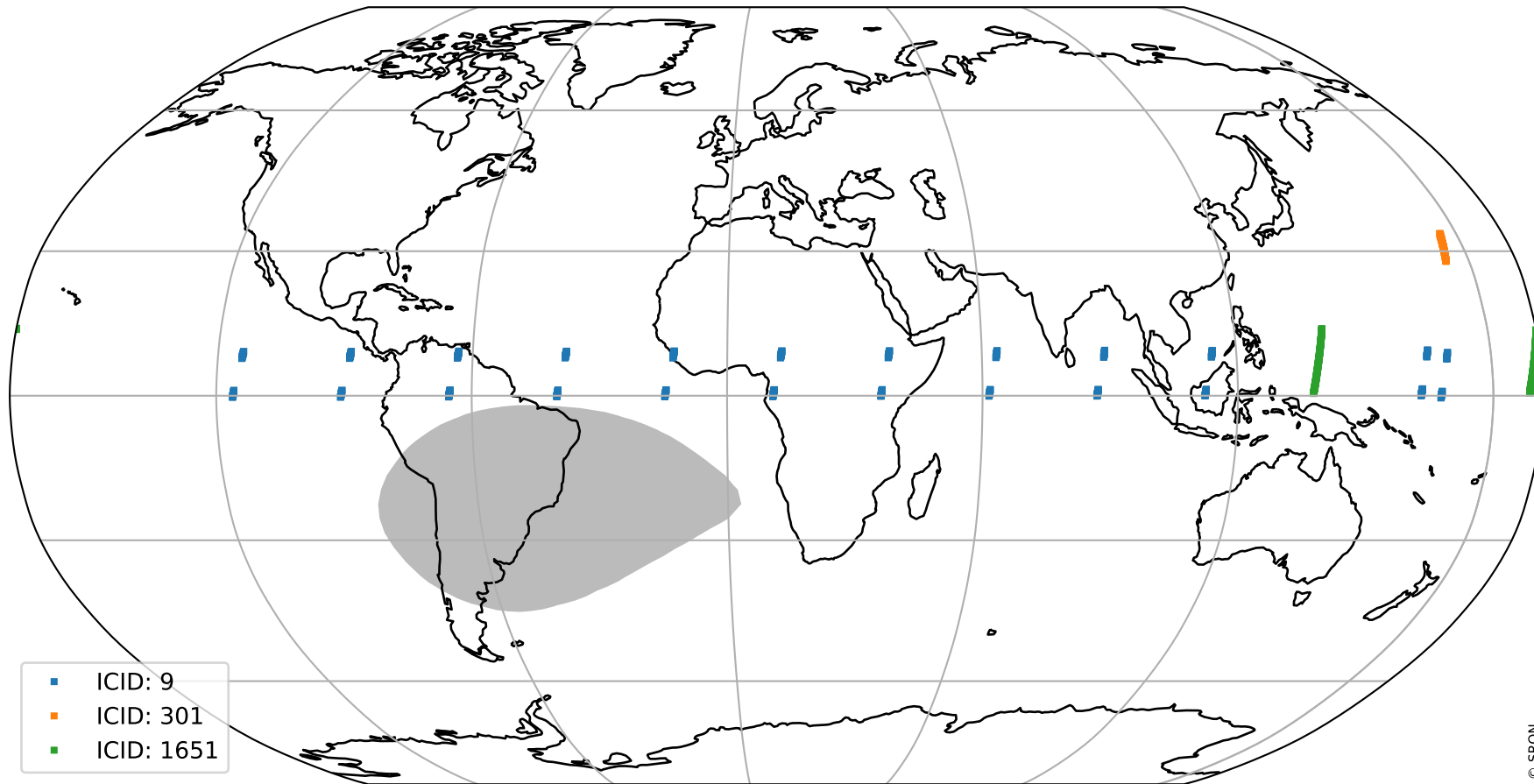
orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
median : 0.94455  
spread : 0.11925  
created : 2023-08-21T14:16:44





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

orbits : 12 in [2257, 2272]  
coverage : 2018-03-21 / 2018-03-22  
created : 2023-08-21T14:16:44

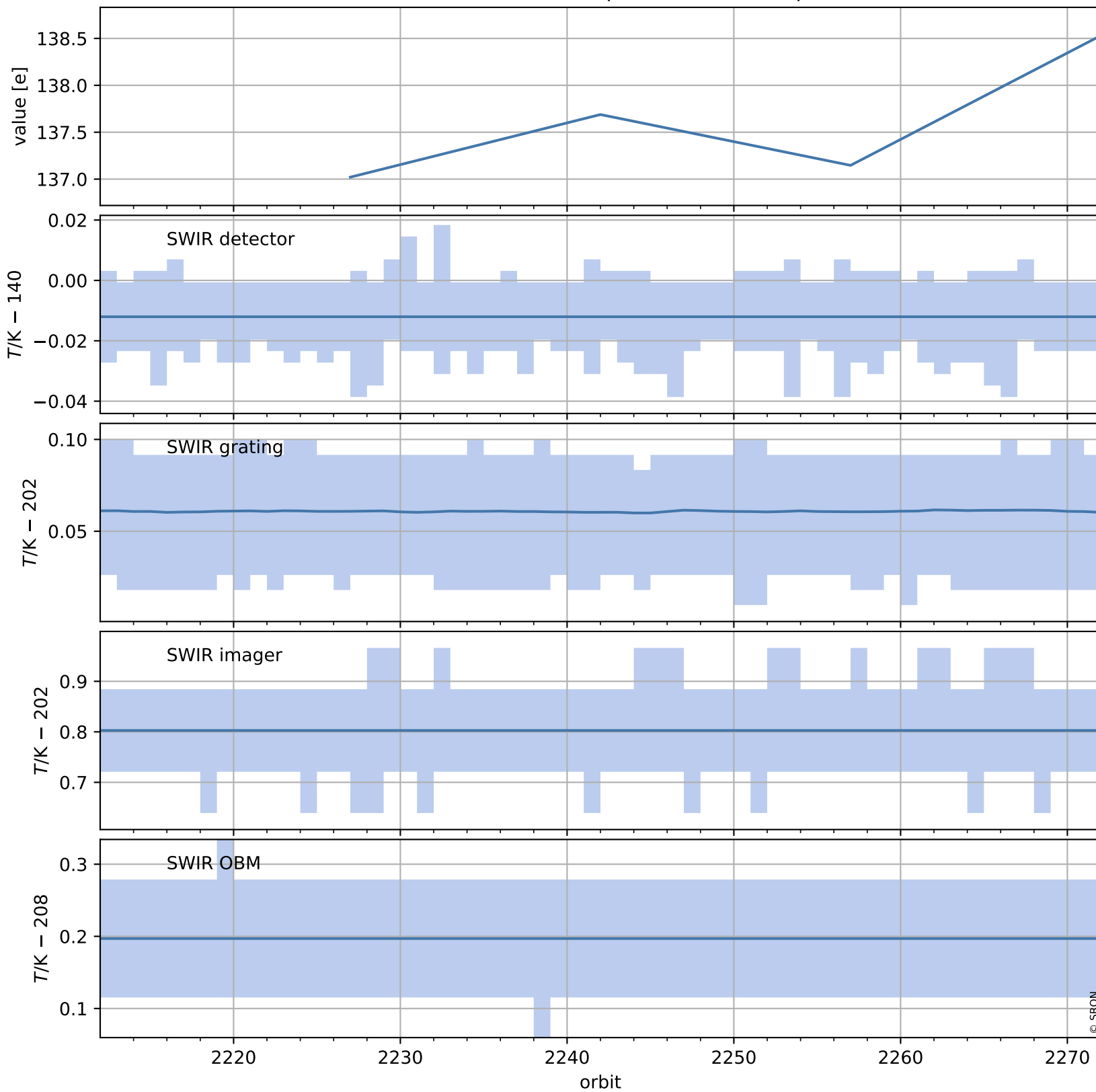


- ICID: 9
- ICID: 301
- ICID: 1651

# Tropomi SWIR background noise (swir)

orbits : [2212, 2272]  
coverage : 2018-03-18 / 2018-03-22  
created : 2023-08-21T14:16:44

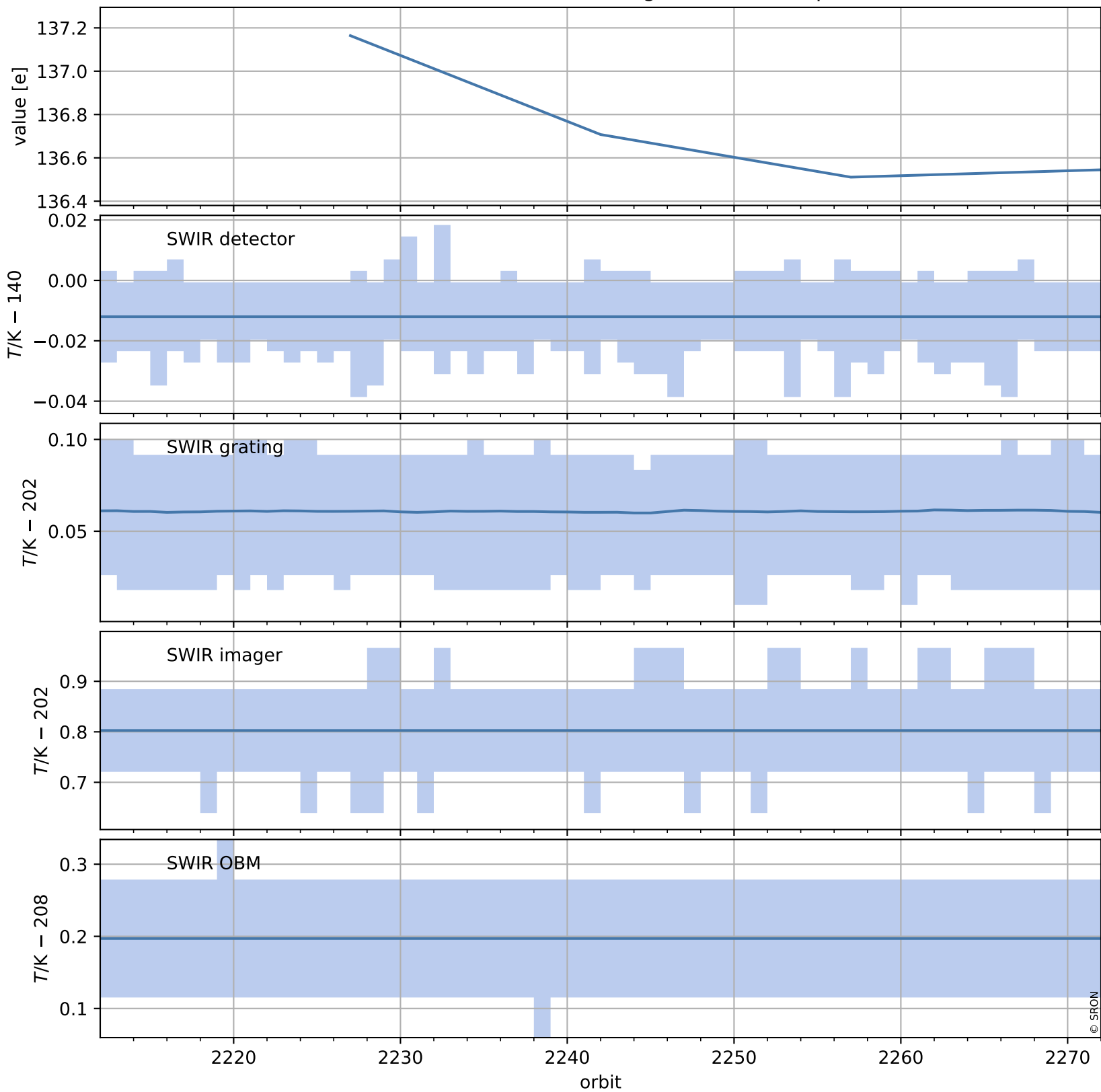
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2272]  
coverage : 2018-03-18 / 2018-03-22  
created : 2023-08-21T14:16:45

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 2272]  
coverage : 2018-03-18 / 2018-03-22  
created : 2023-08-21T14:16:45

## trend of normalized read-noise & temperatures

