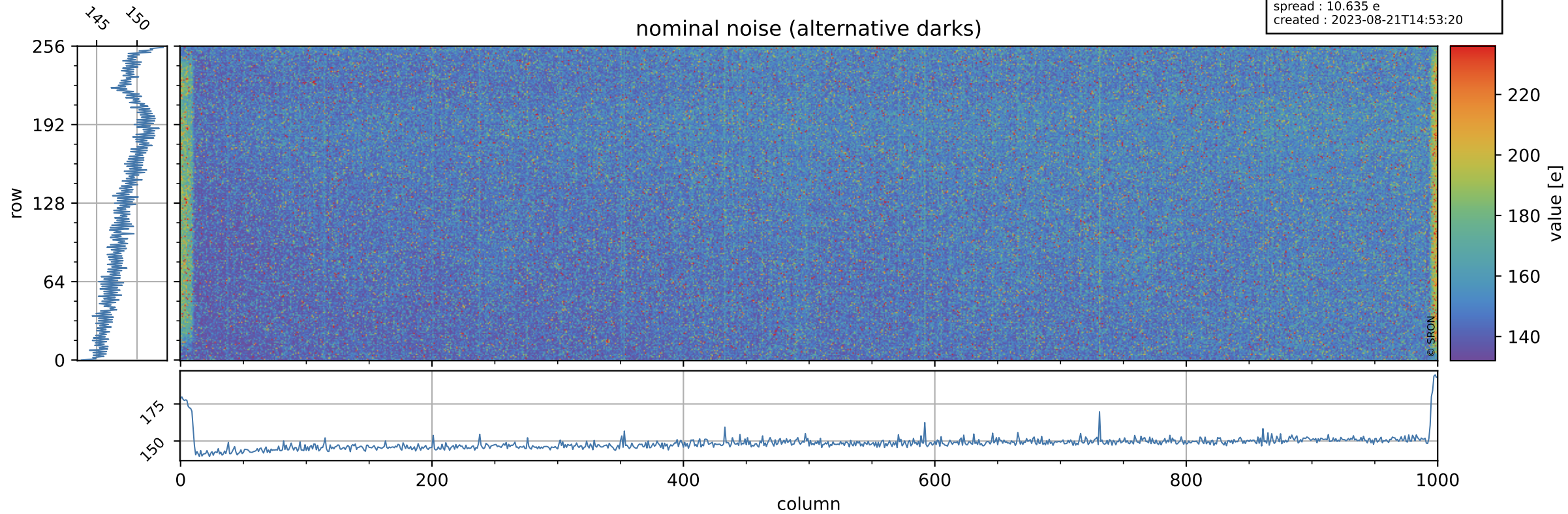


# Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.39 e  
spread : 10.635 e  
created : 2023-08-21T14:53:20

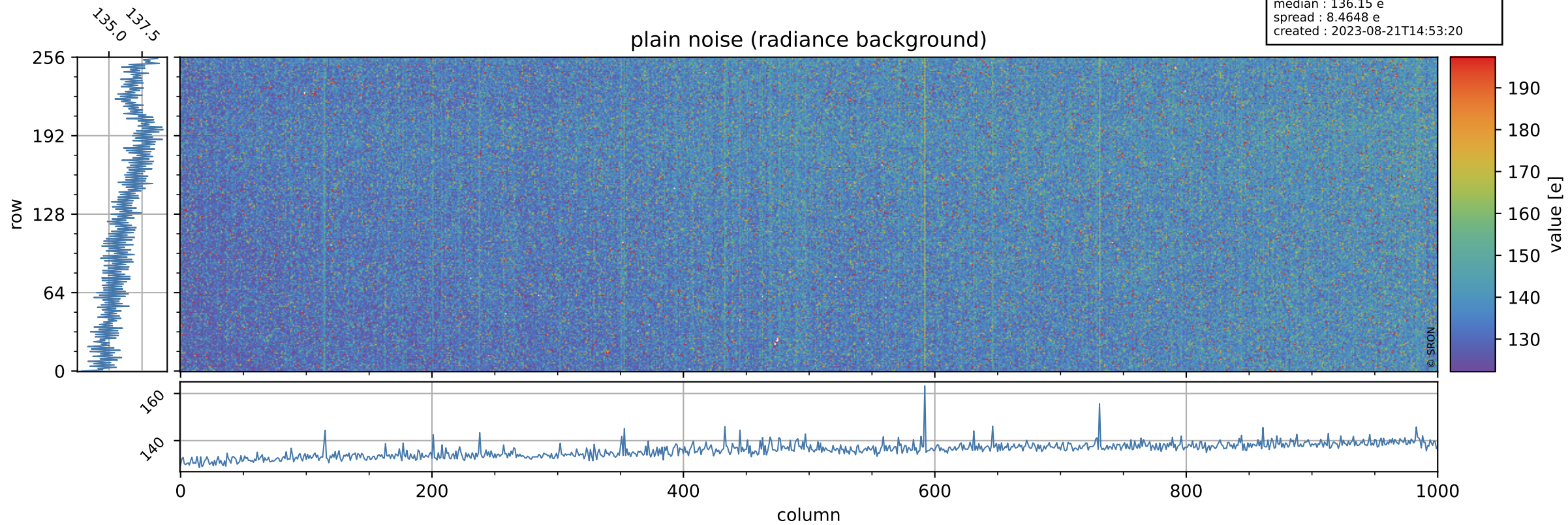
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.15 e  
spread : 8.4648 e  
created : 2023-08-21T14:53:20

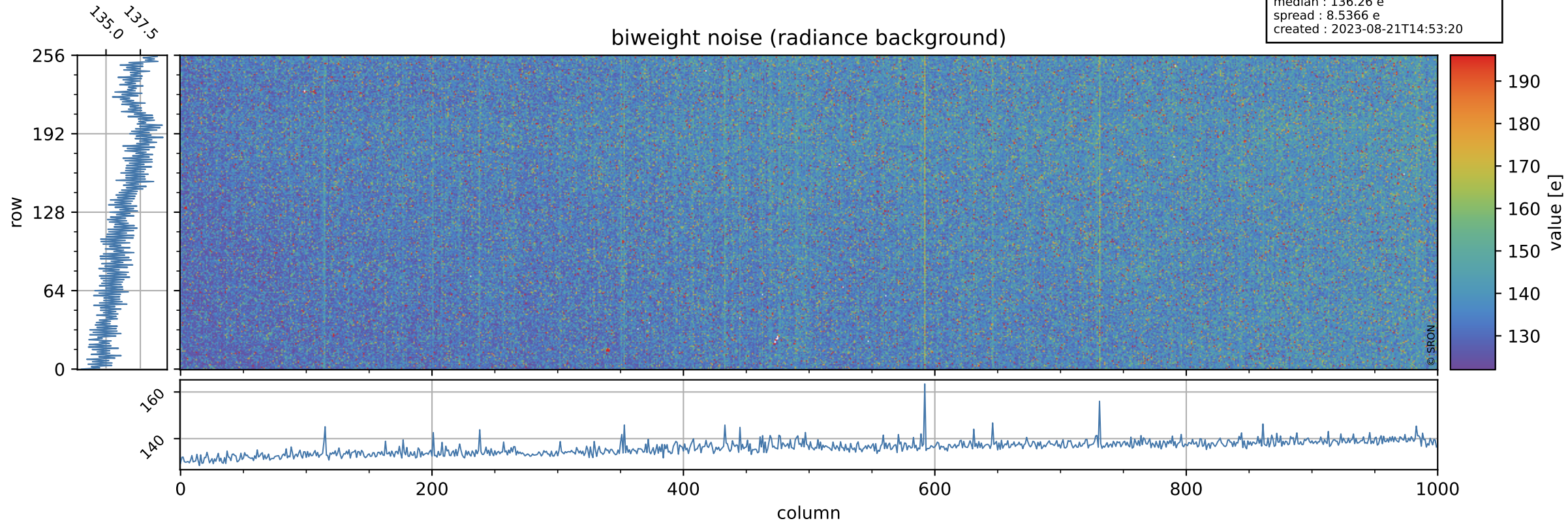
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
n\_coad, t\_exp : 2, 0.5383  
median : 136.26 e  
spread : 8.5366 e  
created : 2023-08-21T14:53:20

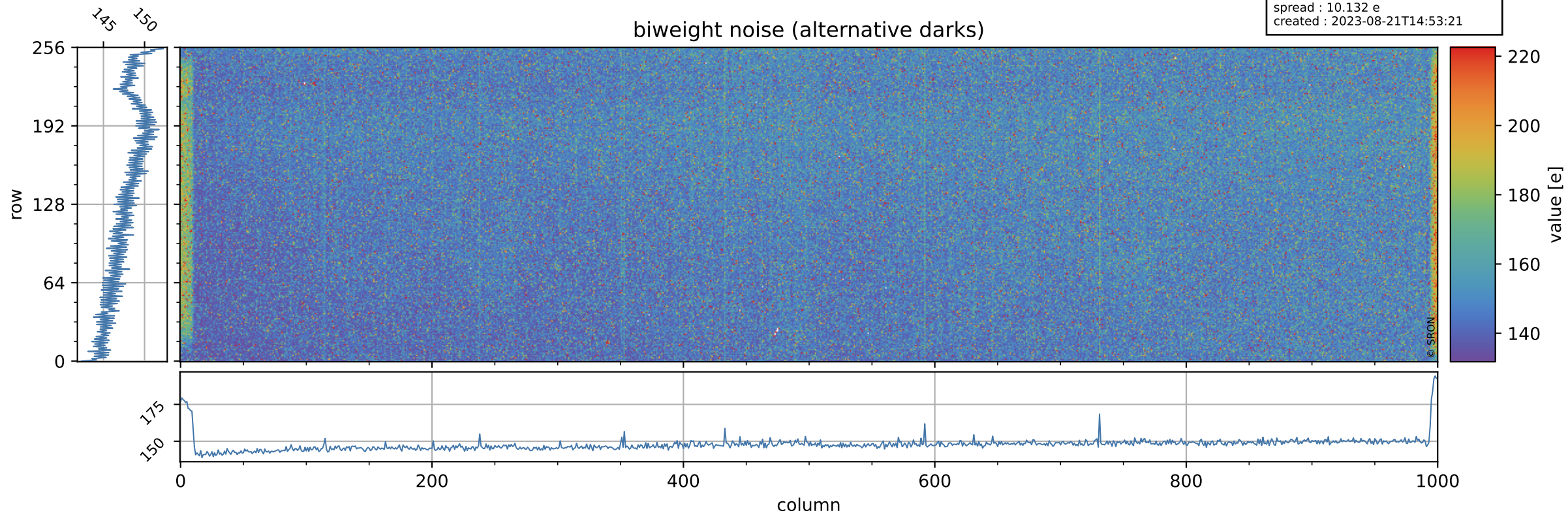
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.6 e  
spread : 10.132 e  
created : 2023-08-21T14:53:21

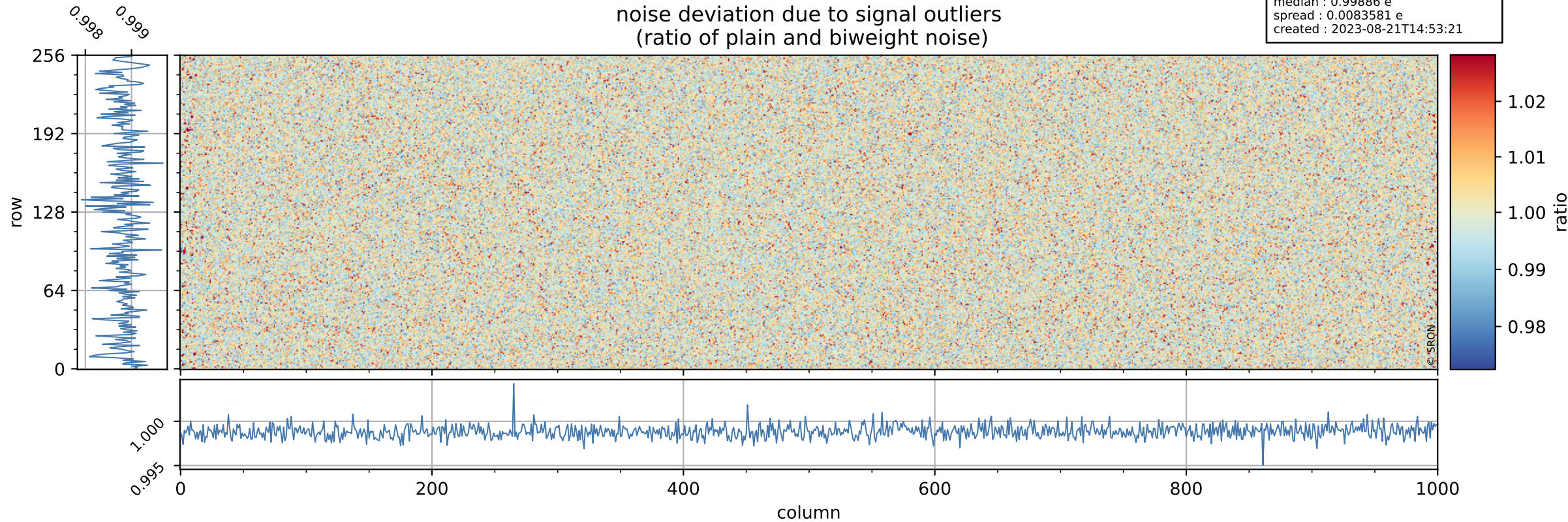
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

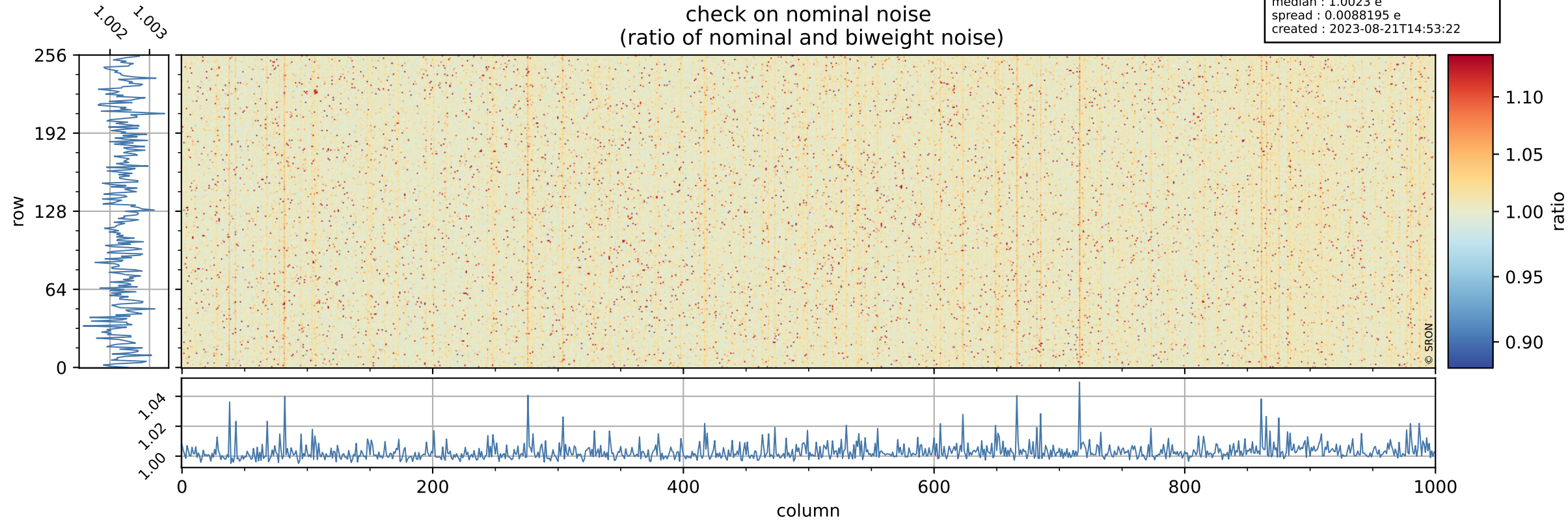
orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
median : 0.99886 e  
spread : 0.0083581 e  
created : 2023-08-21T14:53:21



# Tropomi SWIR background noise (swir)

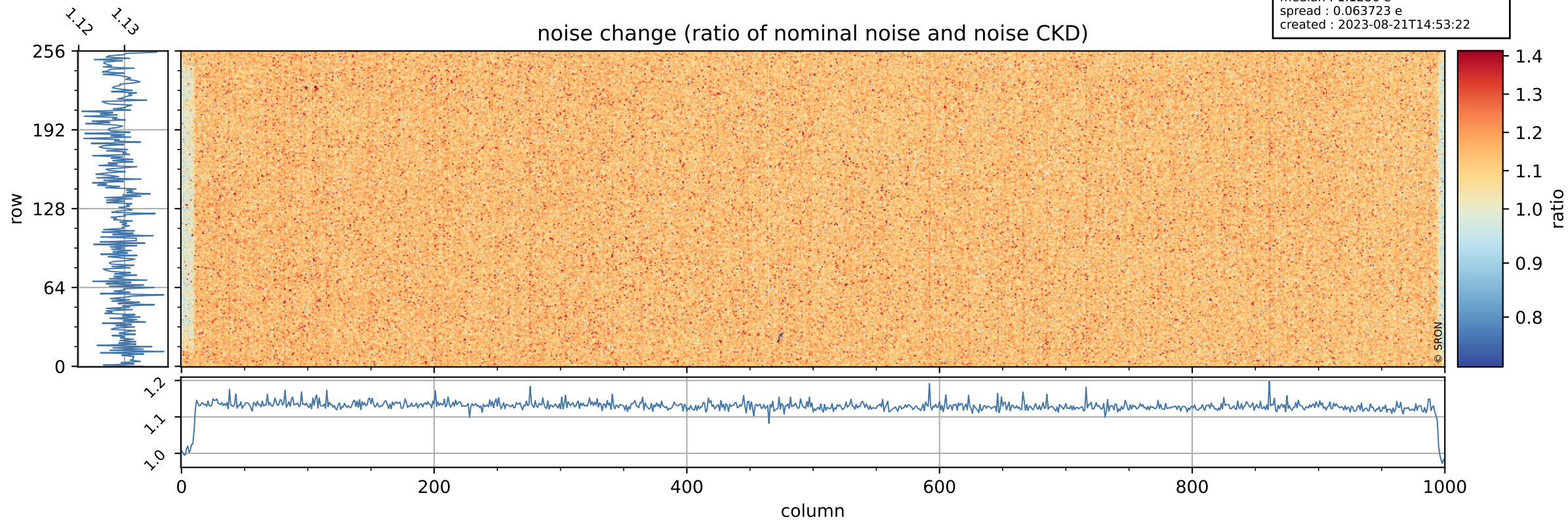
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
median : 1.0023 e  
spread : 0.0088195 e  
created : 2023-08-21T14:53:22



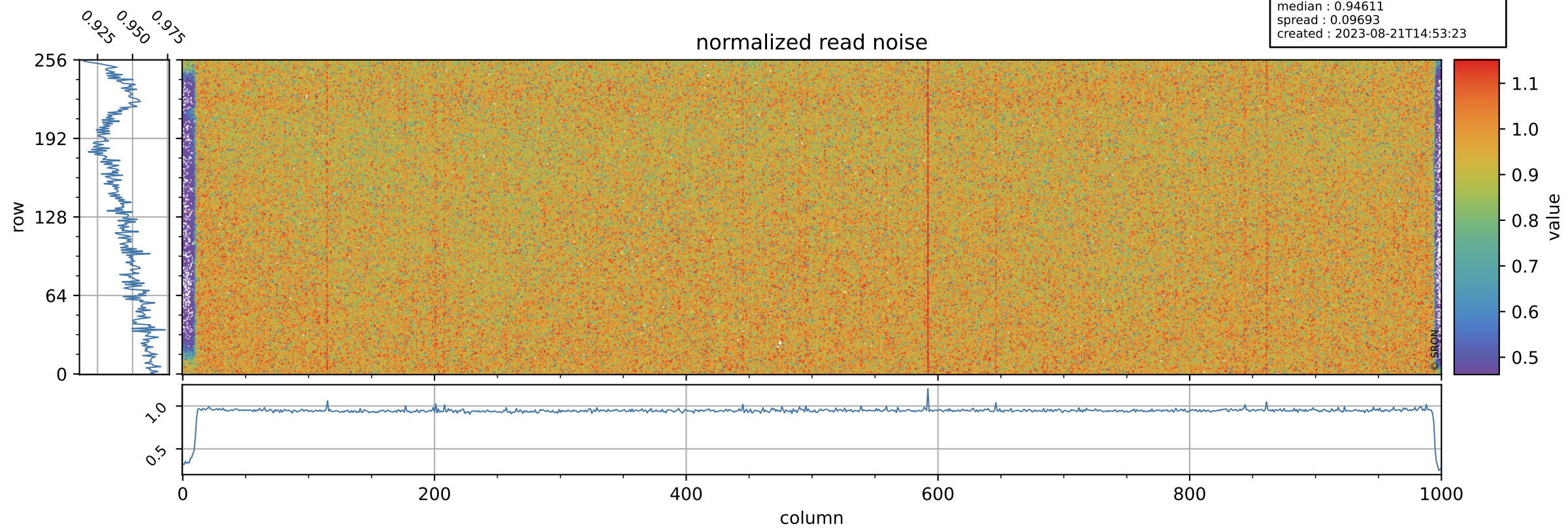
# Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
median : 1.1286 e  
spread : 0.063723 e  
created : 2023-08-21T14:53:22



# Tropomi SWIR background noise (swir)

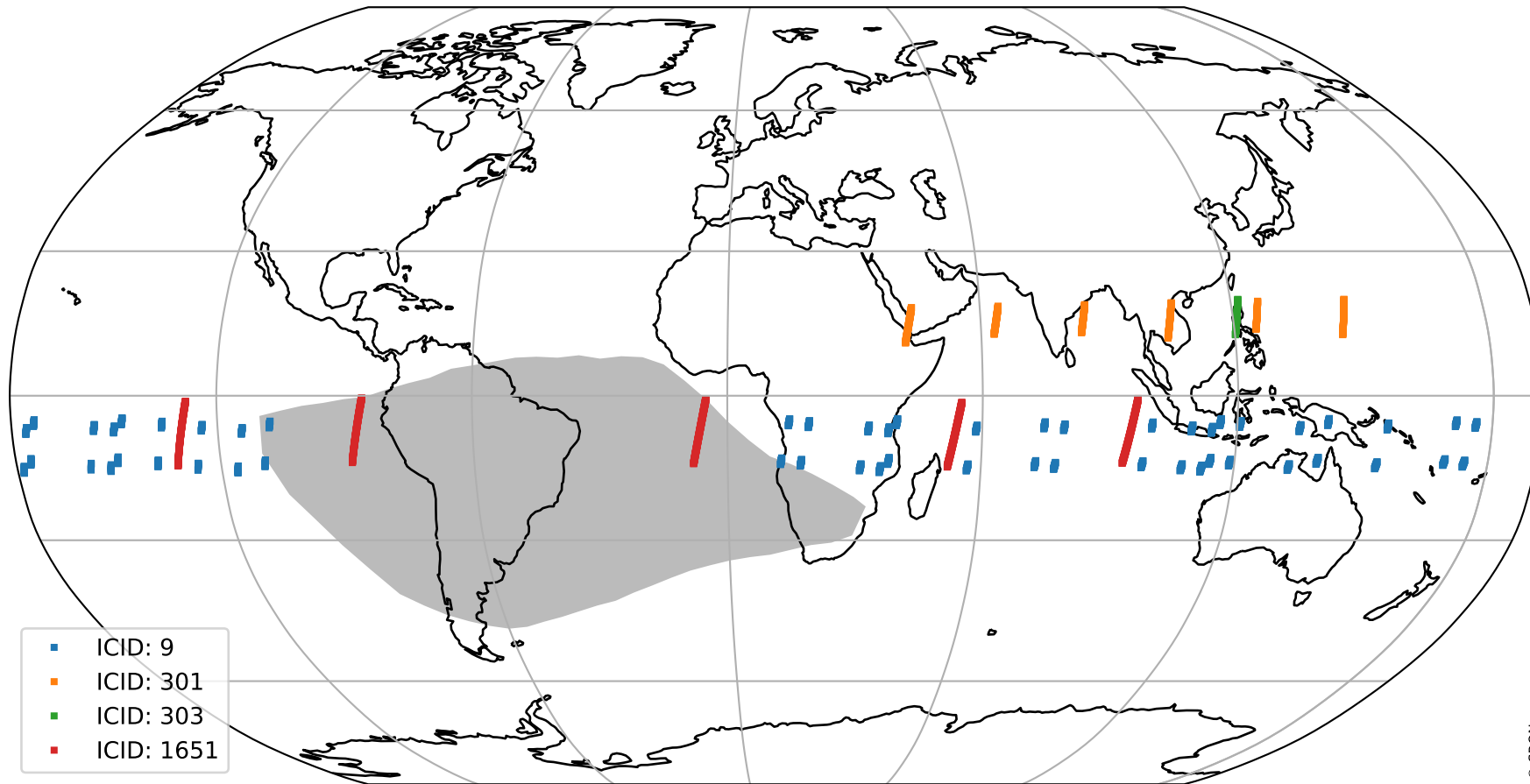
orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
median : 0.94611  
spread : 0.09693  
created : 2023-08-21T14:53:23





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

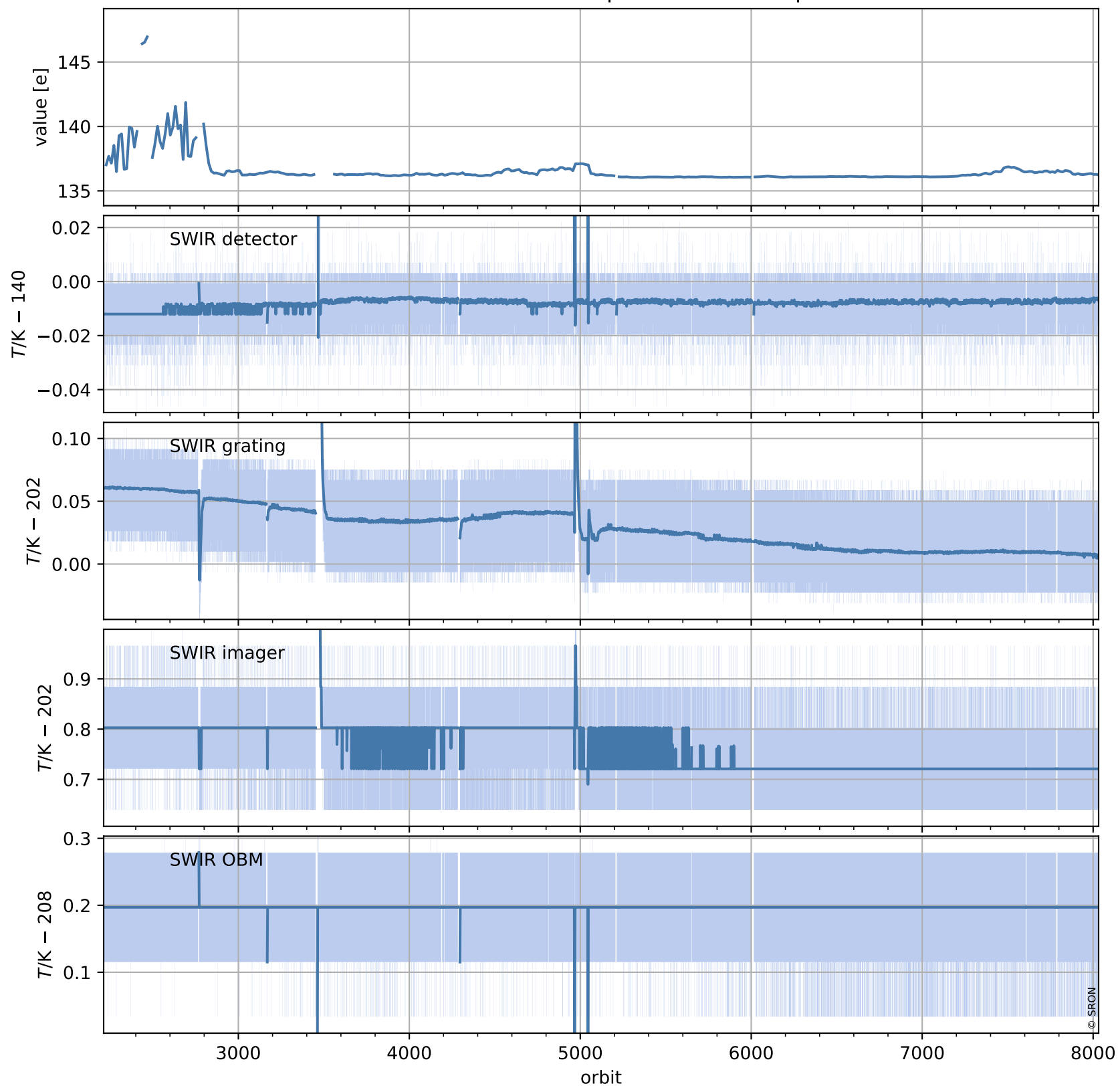
orbits : 12 in [7957, 8032]  
coverage : 2019-04-26 / 2019-05-01  
created : 2023-08-21T14:53:23



# Tropomi SWIR background noise (swir)

orbits : [2212, 8032]  
coverage : 2018-03-18 / 2019-05-01  
created : 2023-08-21T14:53:23

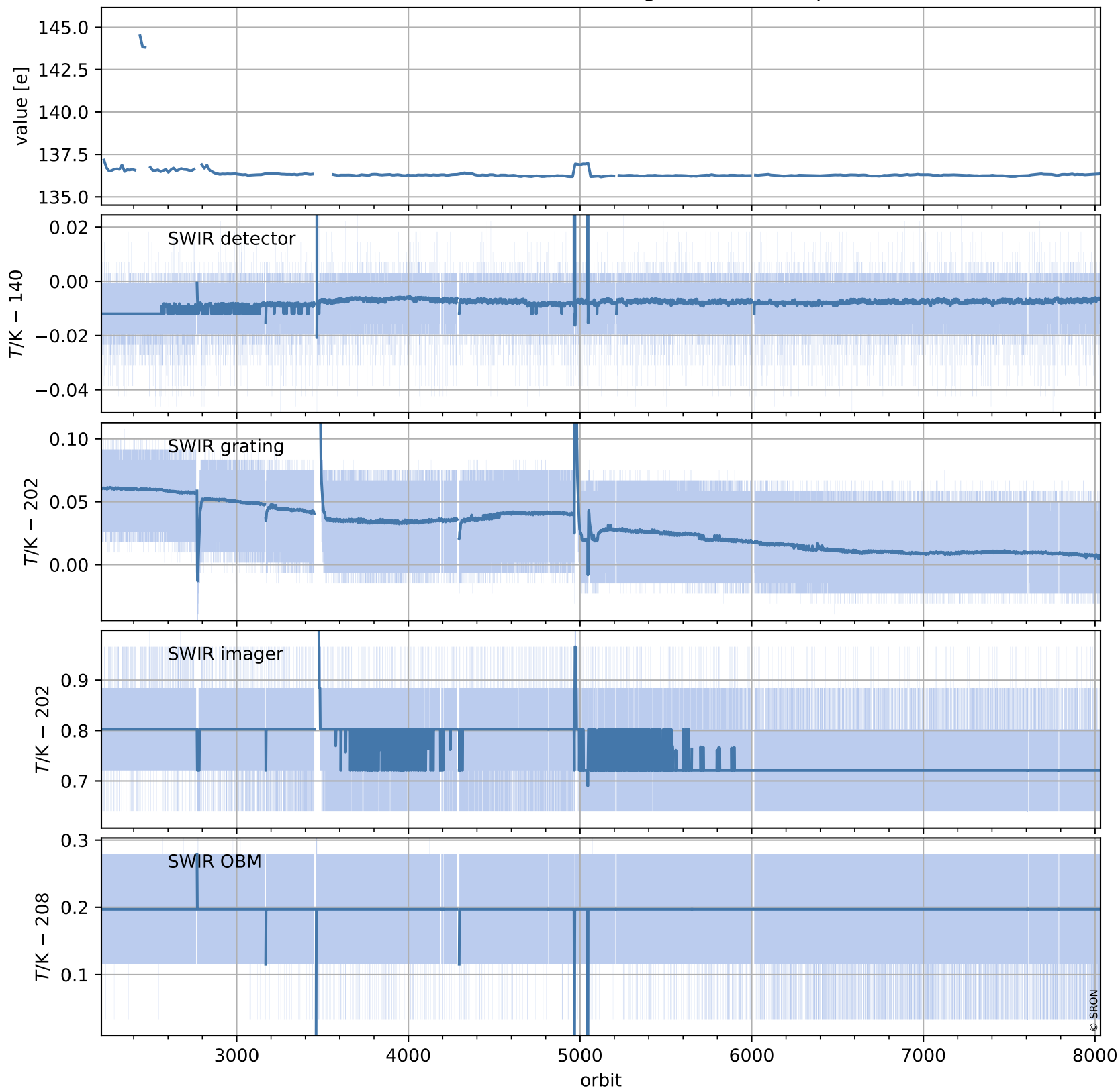
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8032]  
coverage : 2018-03-18 / 2019-05-01  
created : 2023-08-21T14:53:24

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8032]  
coverage : 2018-03-18 / 2019-05-01  
created : 2023-08-21T14:53:25

## trend of normalized read-noise & temperatures

