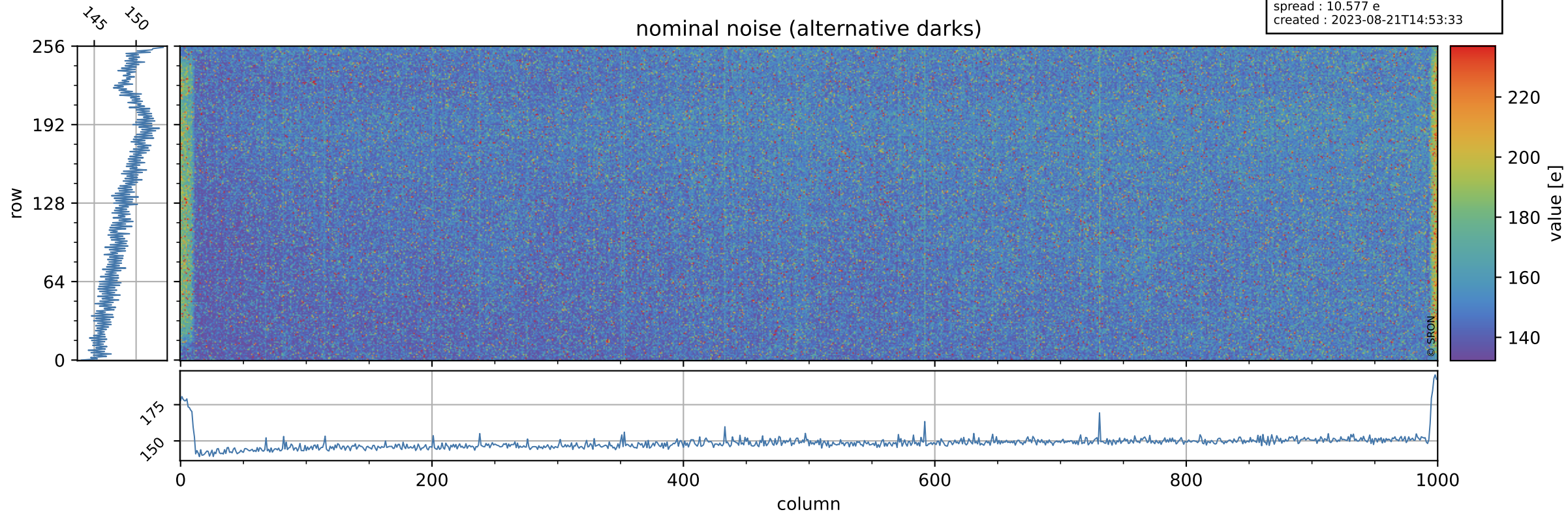


# Tropomi SWIR background noise (swir)

orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
n\_coad, t\_exp : 1, 1.0783  
median : 148.44 e  
spread : 10.577 e  
created : 2023-08-21T14:53:33

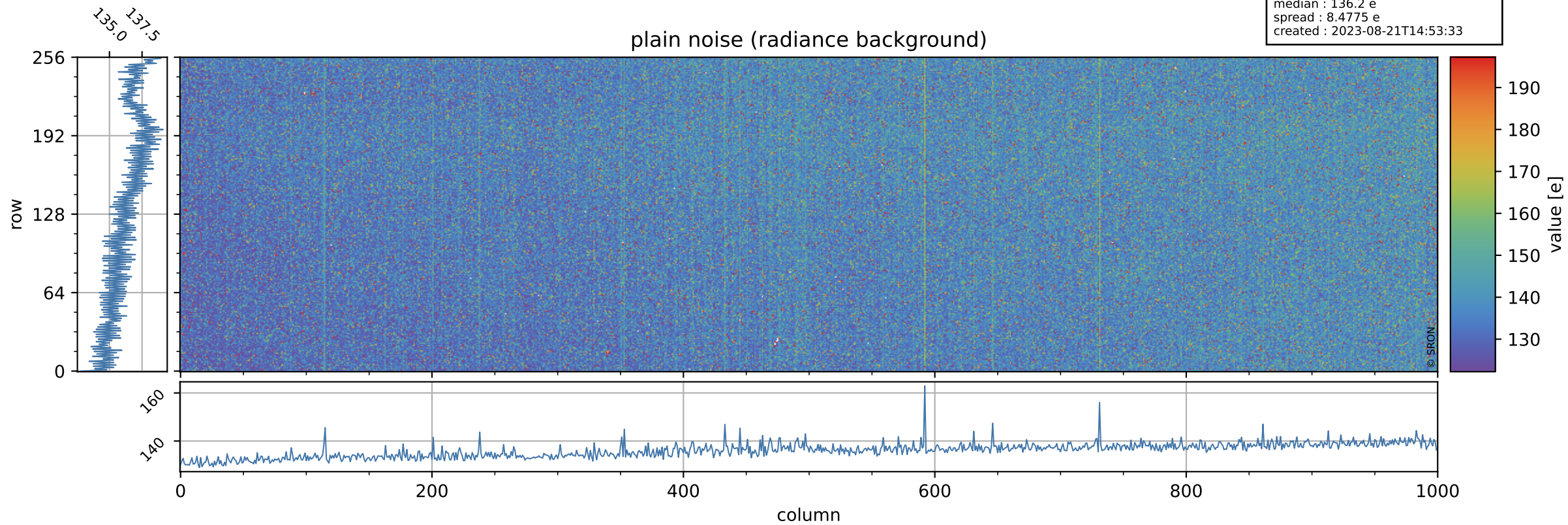
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
n\_coad, t\_exp : 2, 0.5383  
median : 136.2 e  
spread : 8.4775 e  
created : 2023-08-21T14:53:33

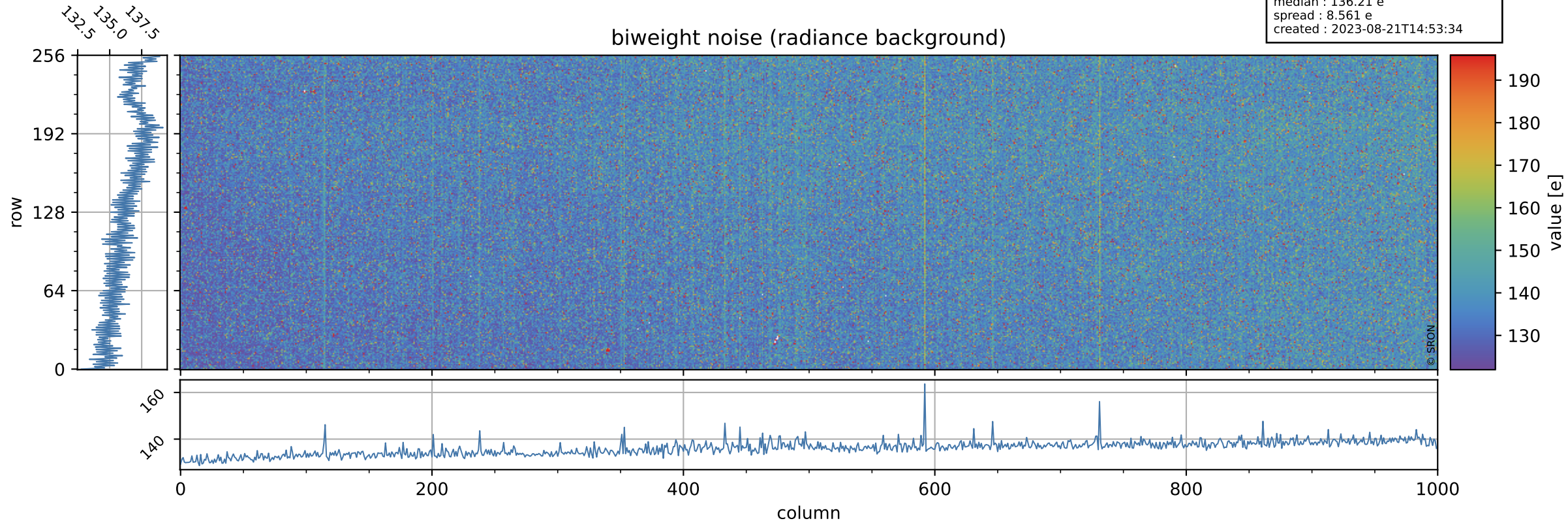
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
n\_coad, t\_exp : 2, 0.5383  
median : 136.21 e  
spread : 8.561 e  
created : 2023-08-21T14:53:34

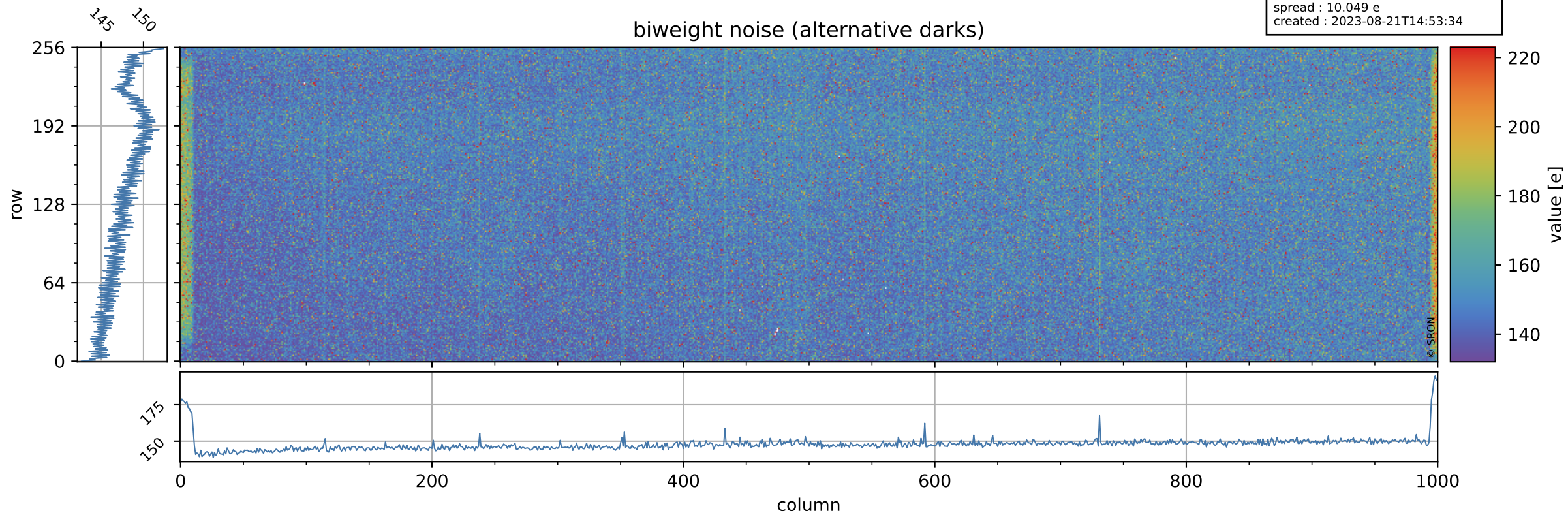
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 10.049 e  
created : 2023-08-21T14:53:34

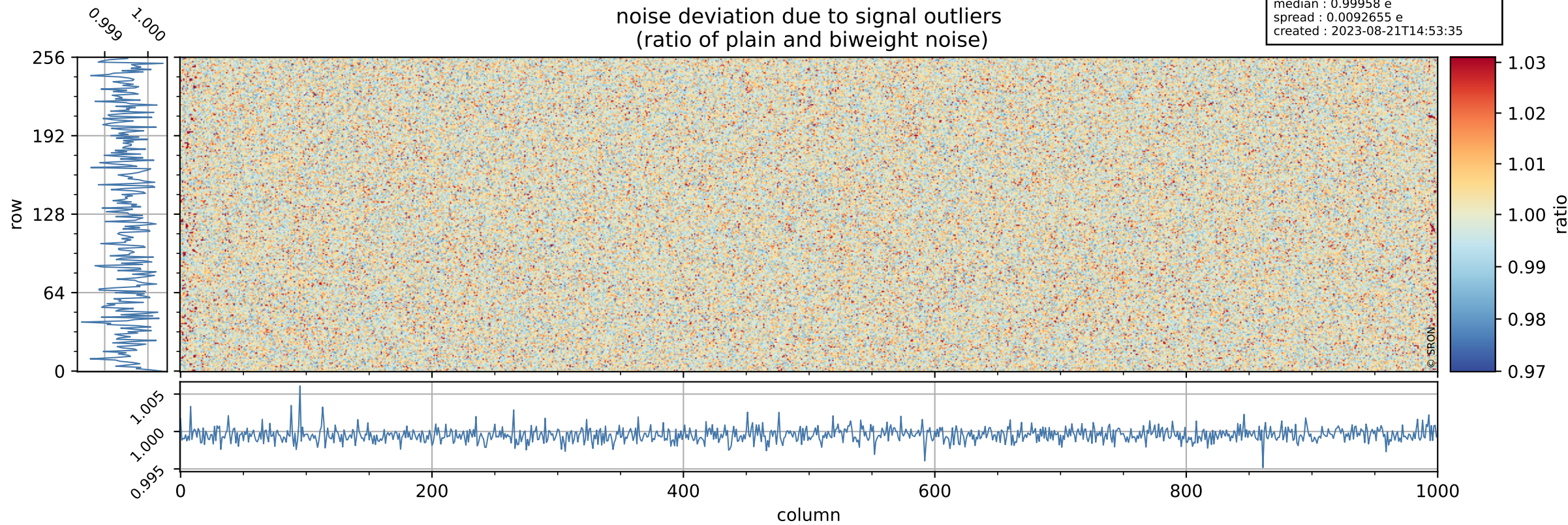
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

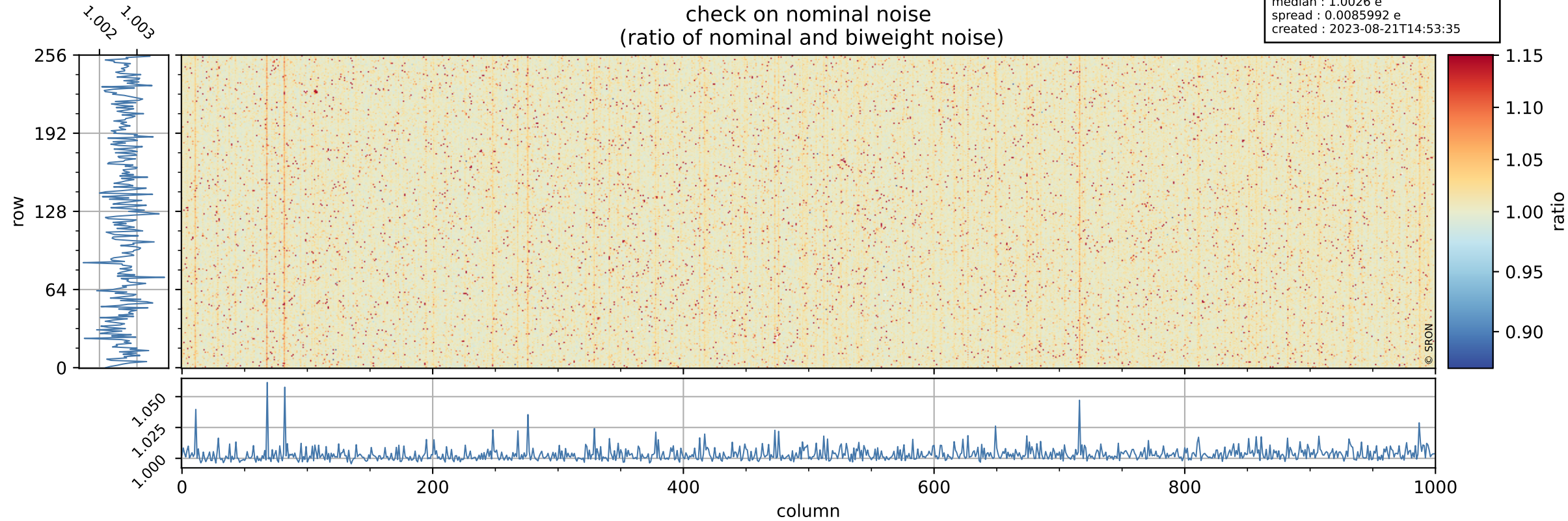
orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
median : 0.99958 e  
spread : 0.0092655 e  
created : 2023-08-21T14:53:35



# Tropomi SWIR background noise (swir)

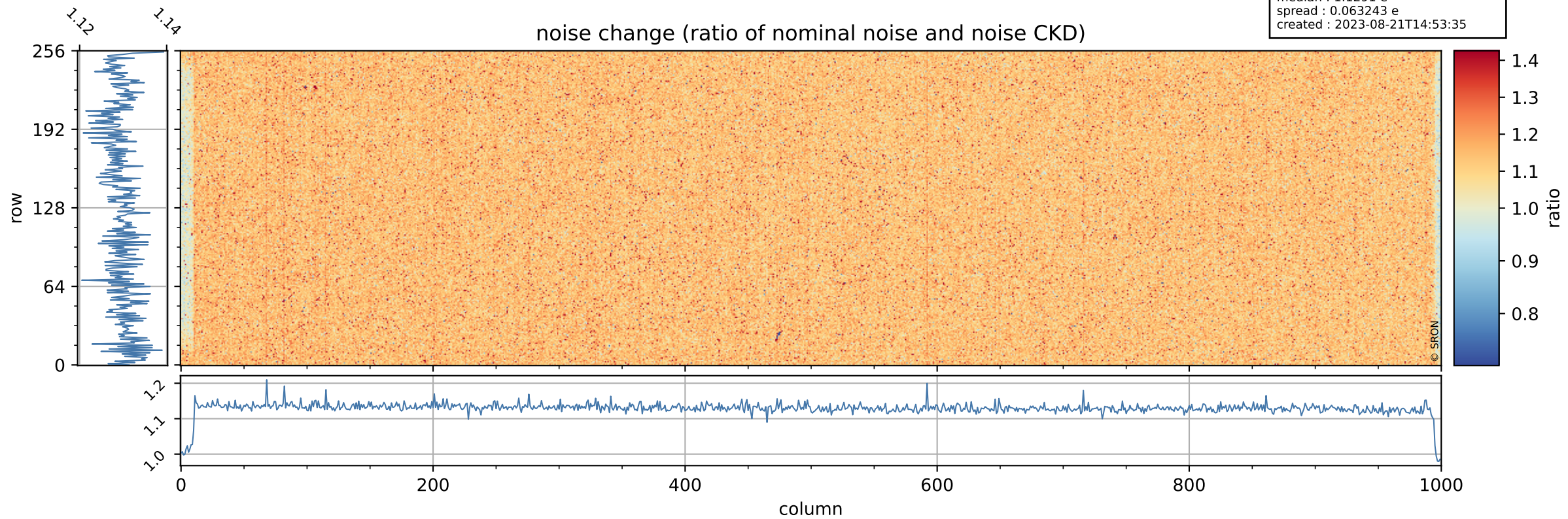
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
median : 1.0026 e  
spread : 0.0085992 e  
created : 2023-08-21T14:53:35



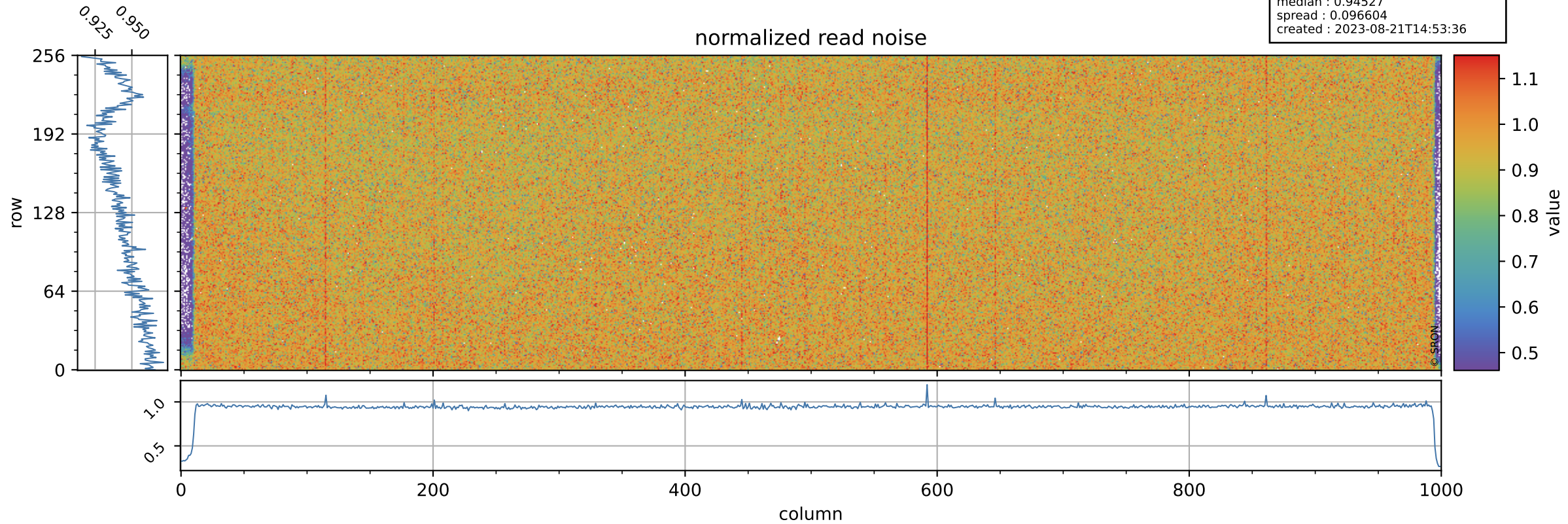
# Tropomi SWIR background noise (swir)

orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
median : 1.1291 e  
spread : 0.063243 e  
created : 2023-08-21T14:53:35



# Tropomi SWIR background noise (swir)

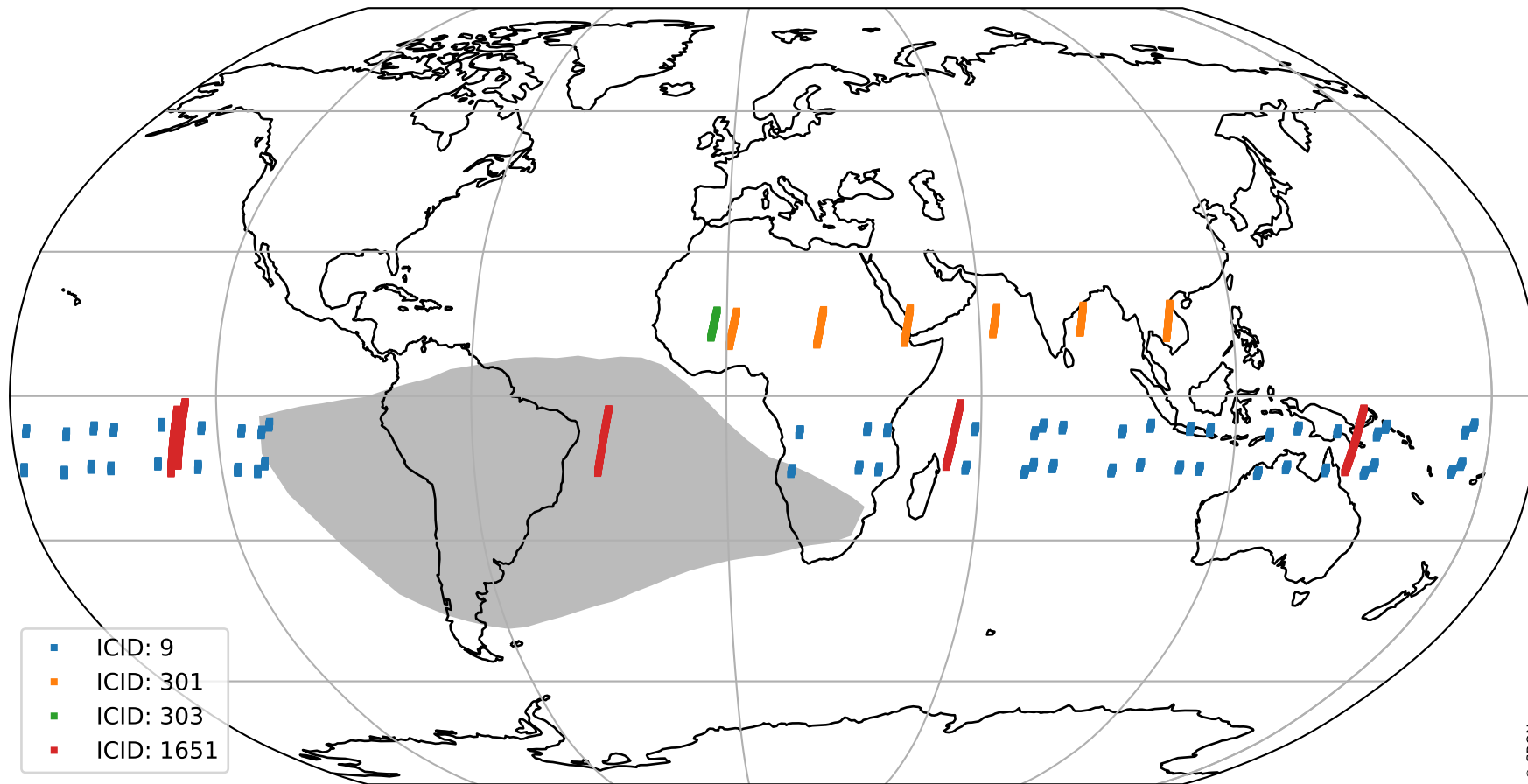
orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
median : 0.94527  
spread : 0.096604  
created : 2023-08-21T14:53:36





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

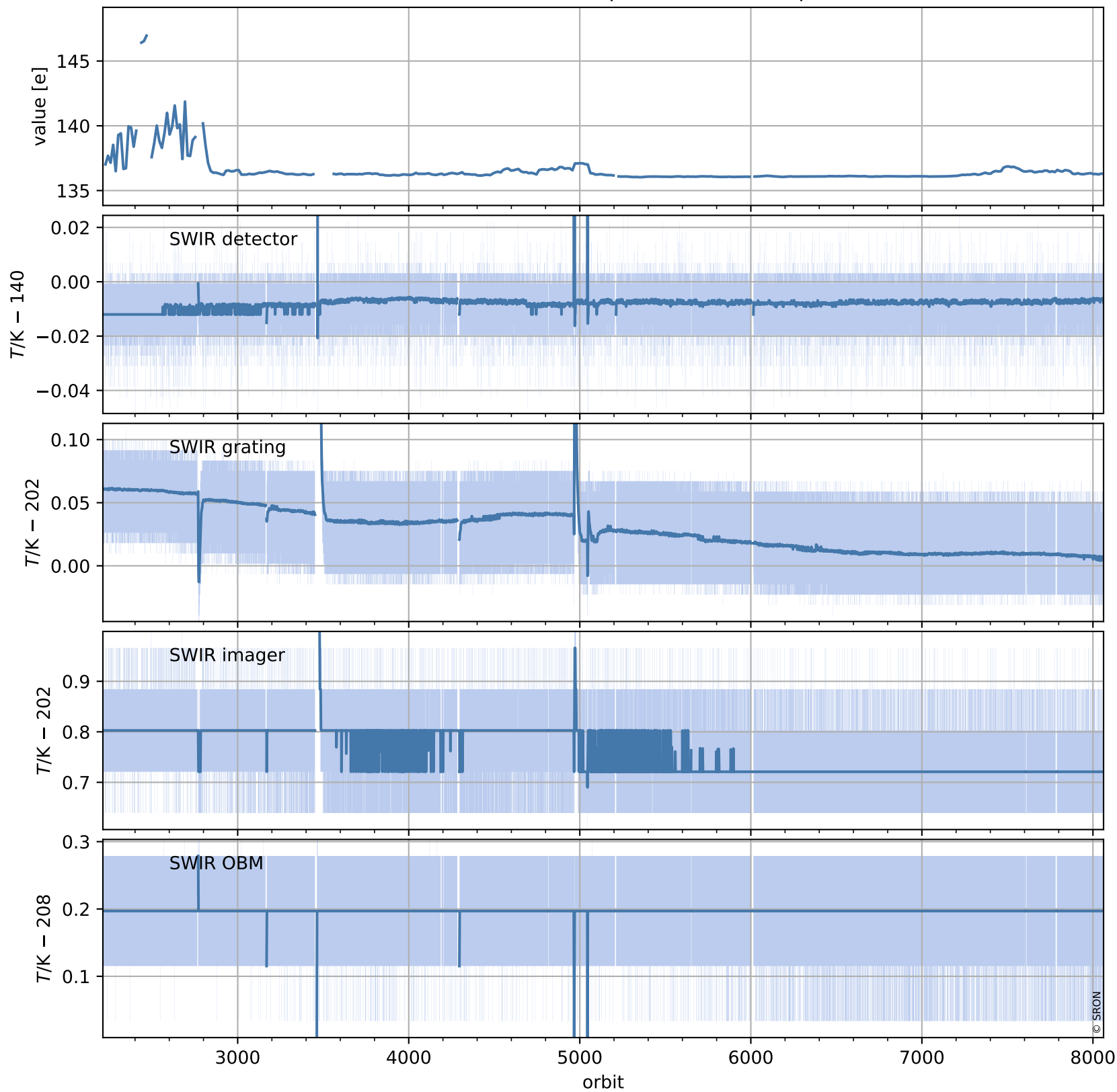
orbits : 12 in [7972, 8062]  
coverage : 2019-04-28 / 2019-05-04  
created : 2023-08-21T14:53:36



# Tropomi SWIR background noise (swir)

orbits : [2212, 8062]  
coverage : 2018-03-18 / 2019-05-04  
created : 2023-08-21T14:53:36

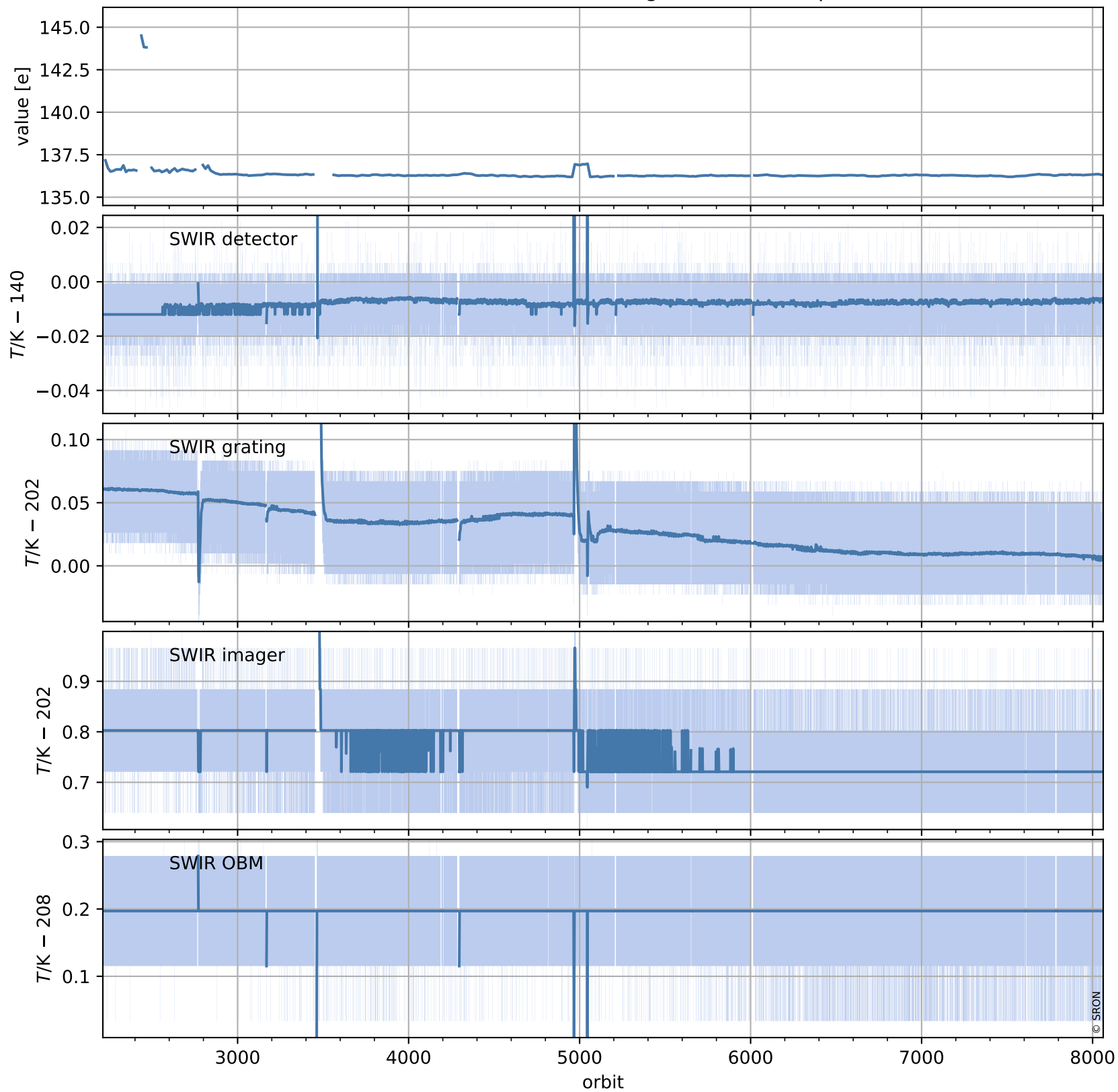
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8062]  
coverage : 2018-03-18 / 2019-05-04  
created : 2023-08-21T14:53:37

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 8062]  
coverage : 2018-03-18 / 2019-05-04  
created : 2023-08-21T14:53:38

## trend of normalized read-noise & temperatures

