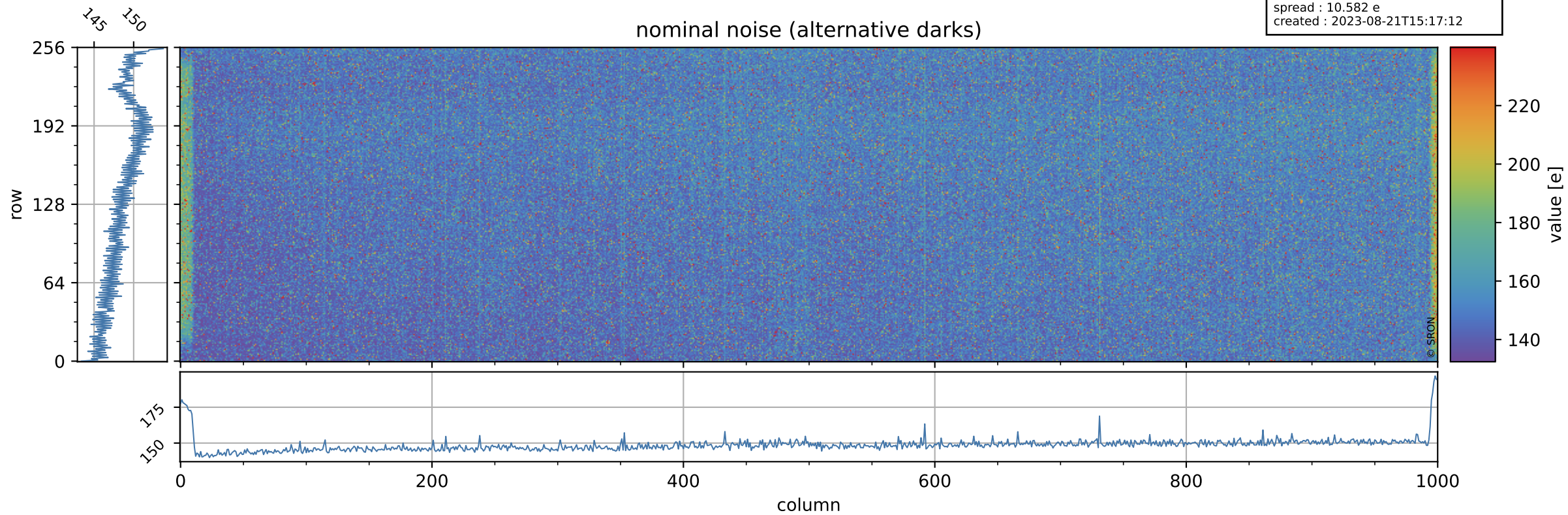


# Tropomi SWIR background noise (swir)

orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
n\_coad, t\_exp : 1, 1.0783  
median : 148.42 e  
spread : 10.582 e  
created : 2023-08-21T15:17:12

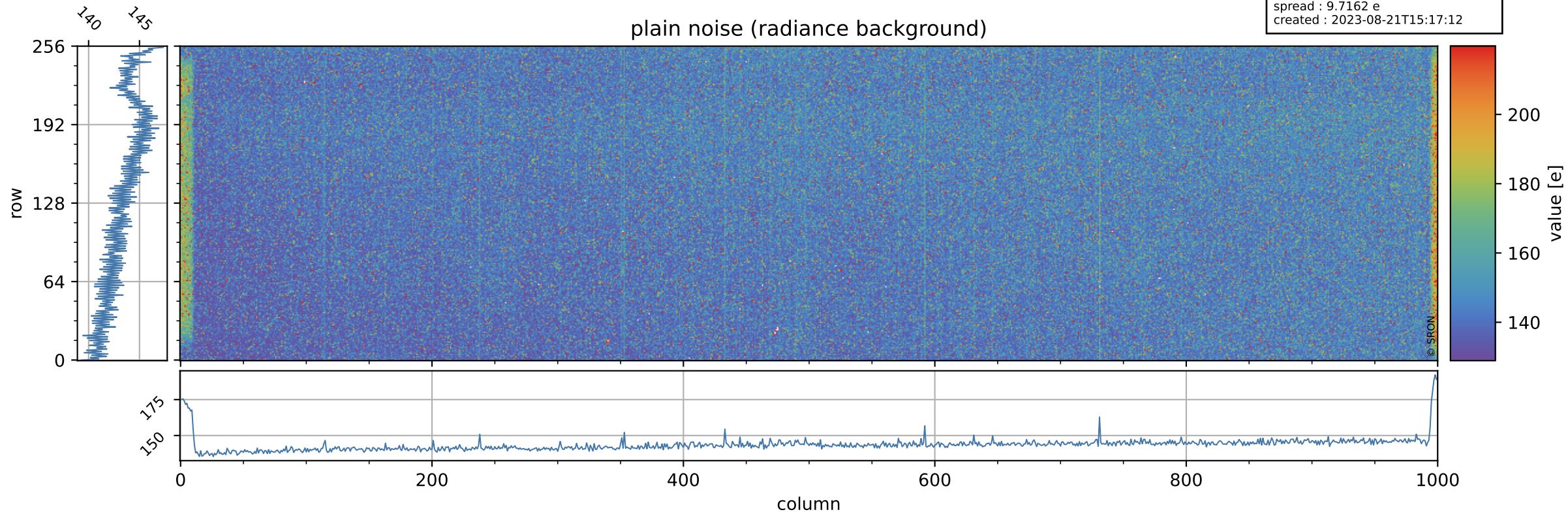
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7162 e  
created : 2023-08-21T15:17:12

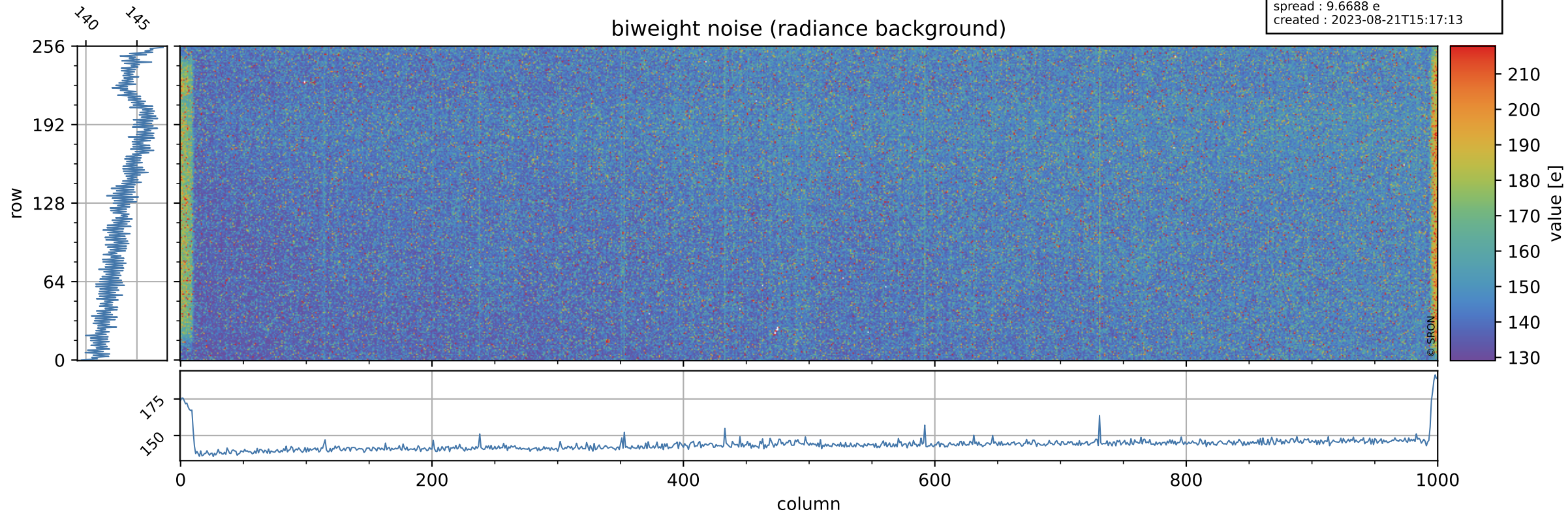
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
n\_coad, t\_exp : 1, 0.8383  
median : 143.65 e  
spread : 9.6688 e  
created : 2023-08-21T15:17:13

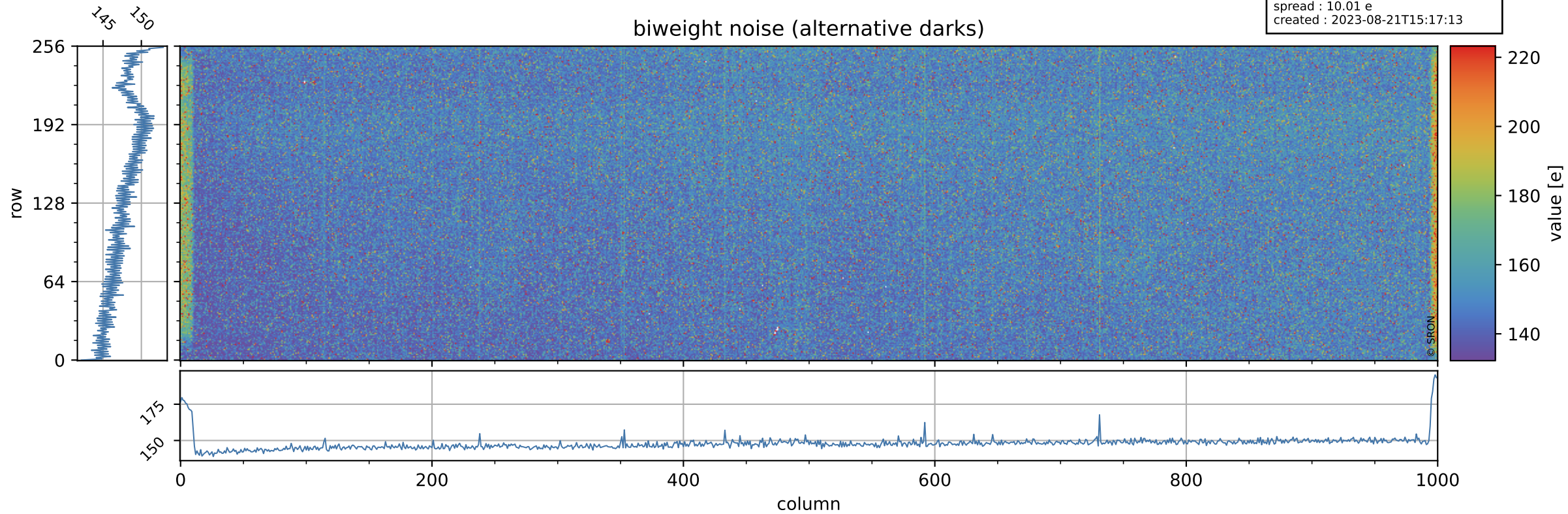
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 10.01 e  
created : 2023-08-21T15:17:13

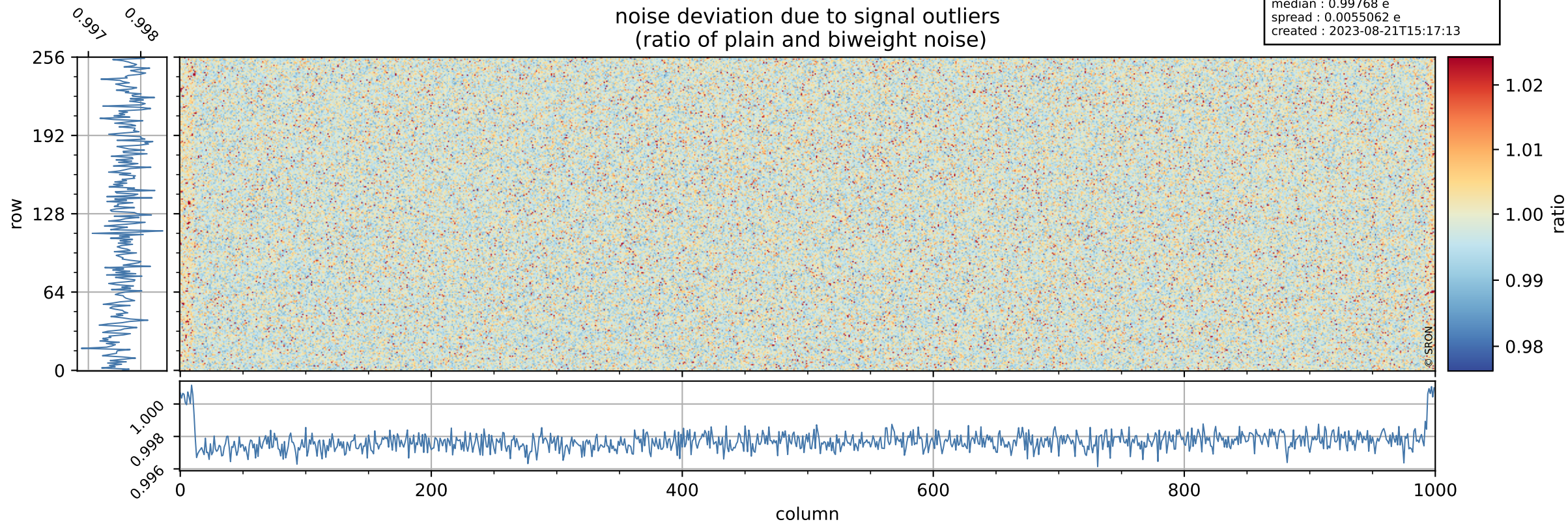
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

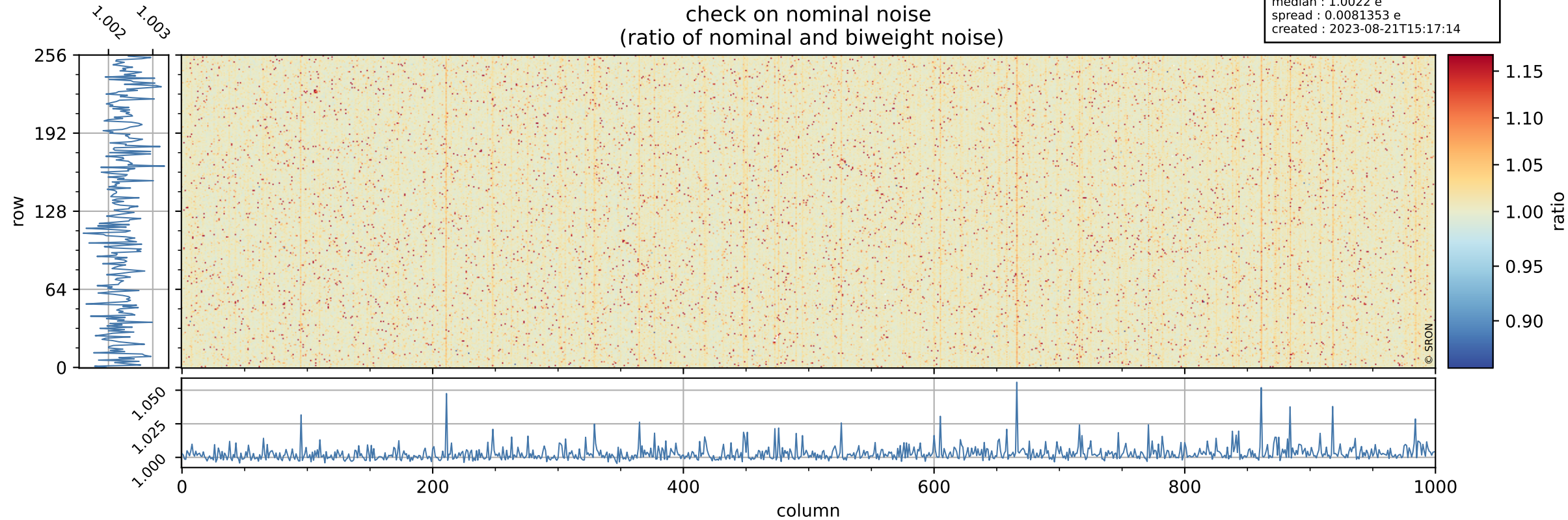
orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
median : 0.99768 e  
spread : 0.0055062 e  
created : 2023-08-21T15:17:13



# Tropomi SWIR background noise (swir)

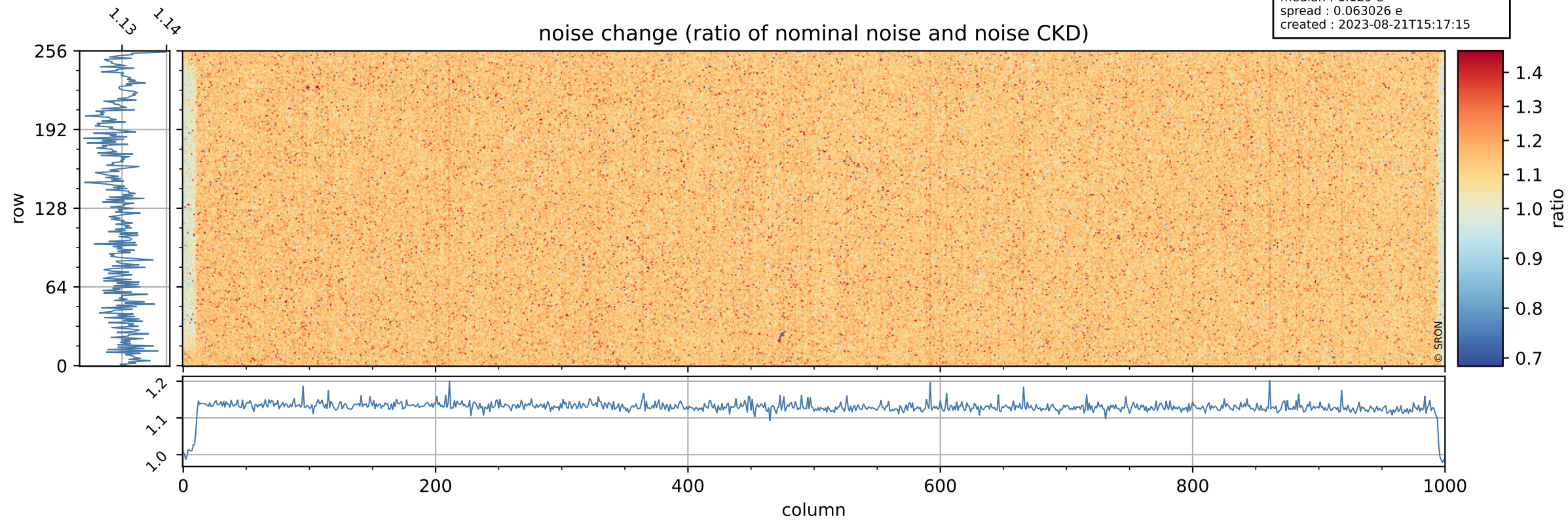
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
median : 1.0022 e  
spread : 0.0081353 e  
created : 2023-08-21T15:17:14



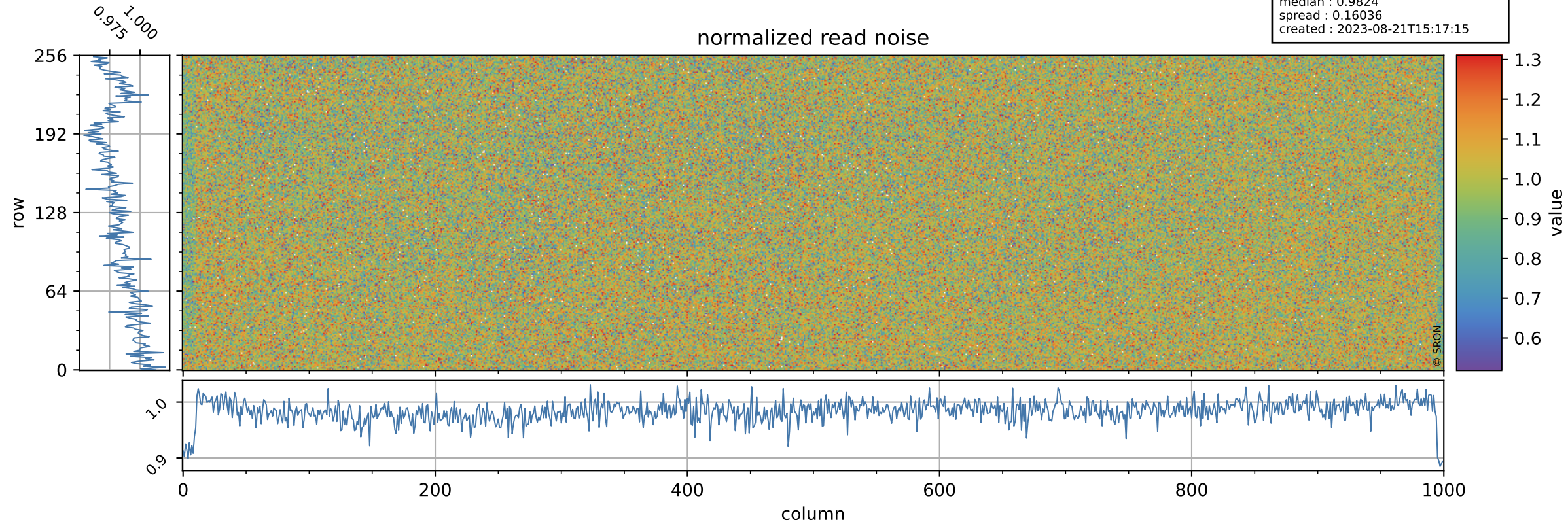
# Tropomi SWIR background noise (swir)

orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
median : 1.129 e  
spread : 0.063026 e  
created : 2023-08-21T15:17:15



# Tropomi SWIR background noise (swir)

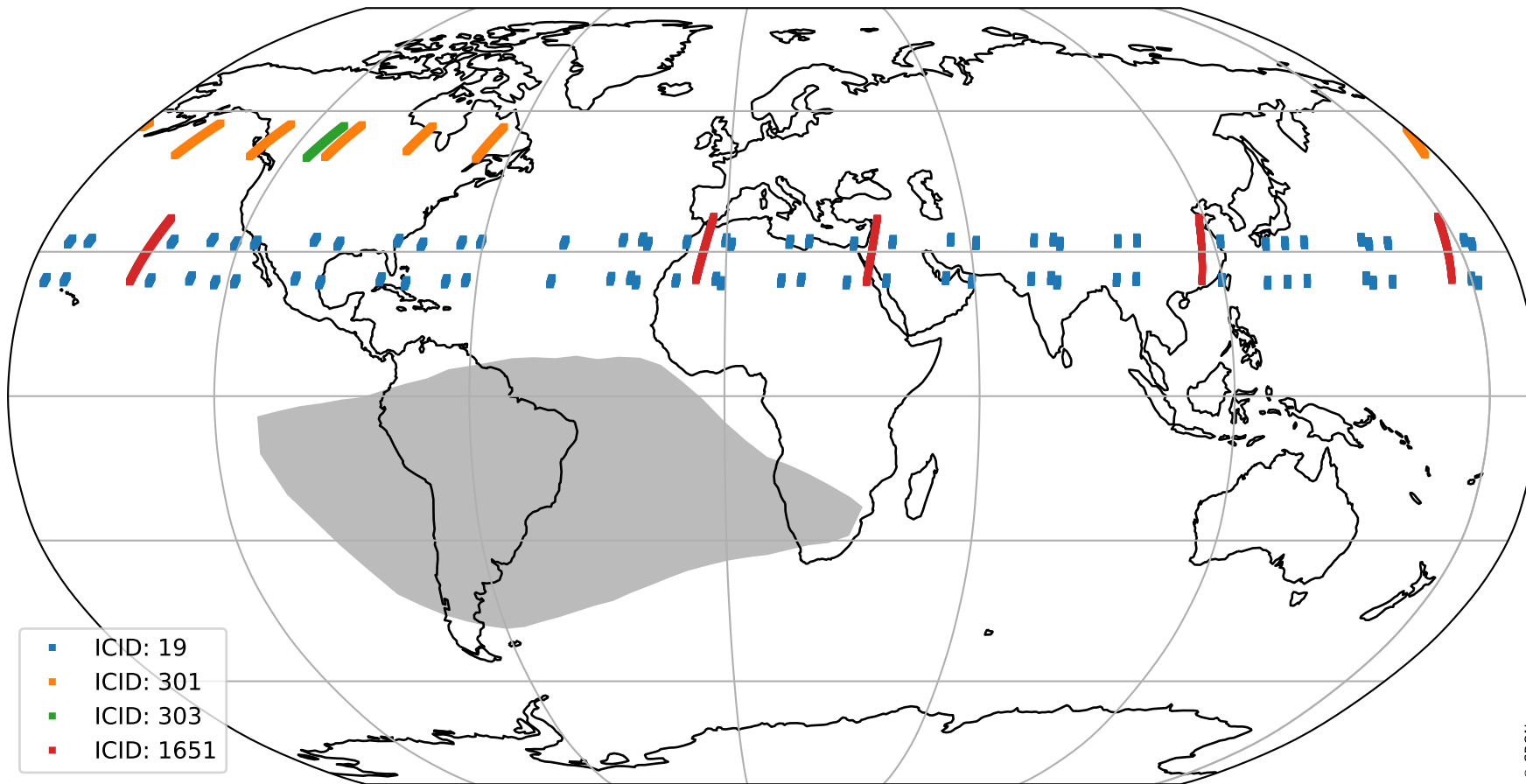
orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
median : 0.9824  
spread : 0.16036  
created : 2023-08-21T15:17:15





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

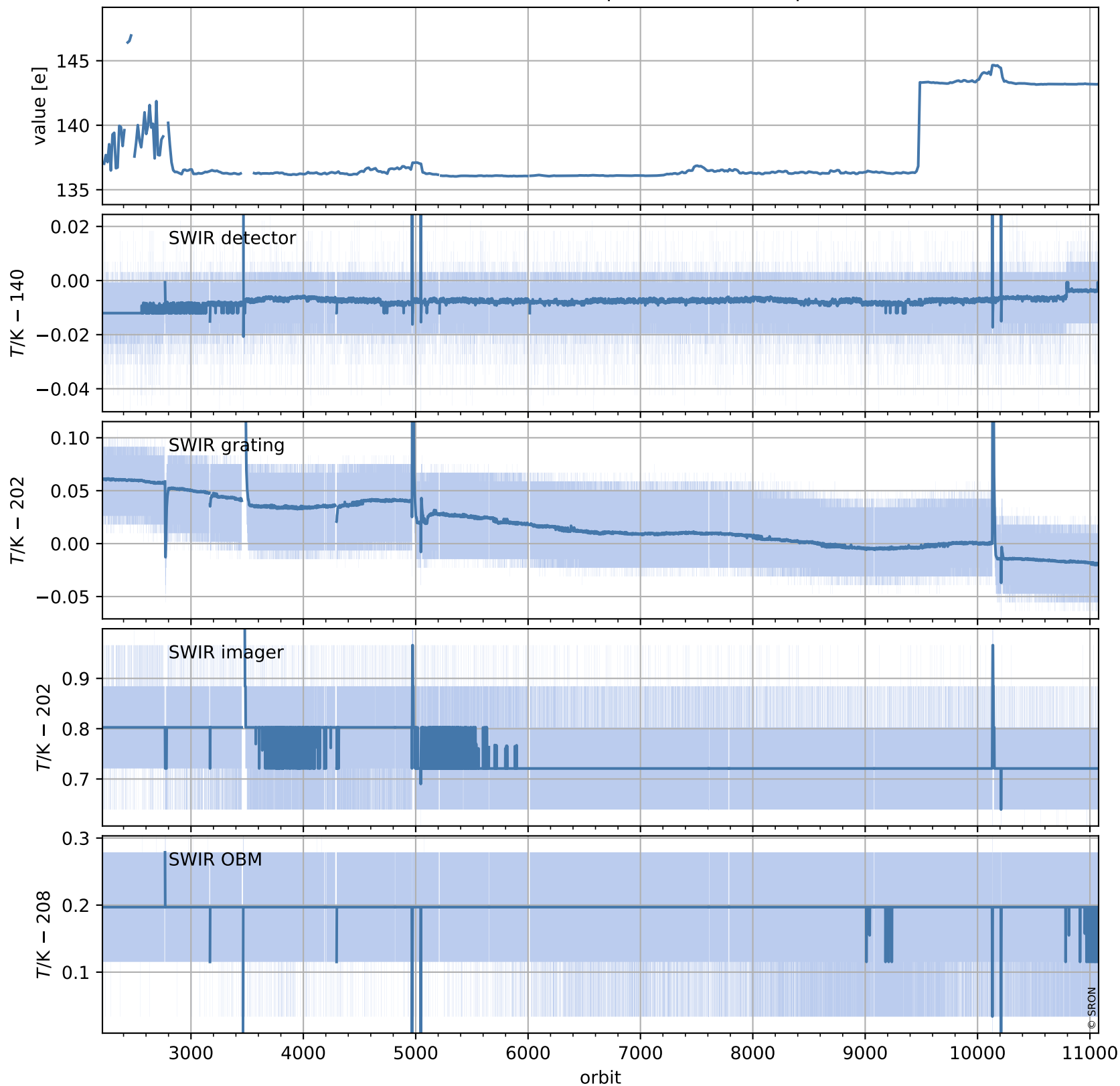
orbits : 12 in [11002, 11077]  
coverage : 2019-11-27 / 2019-12-02  
created : 2023-08-21T15:17:15



# Tropomi SWIR background noise (swir)

orbits : [2212, 11077]  
coverage : 2018-03-18 / 2019-12-02  
created : 2023-08-21T15:17:16

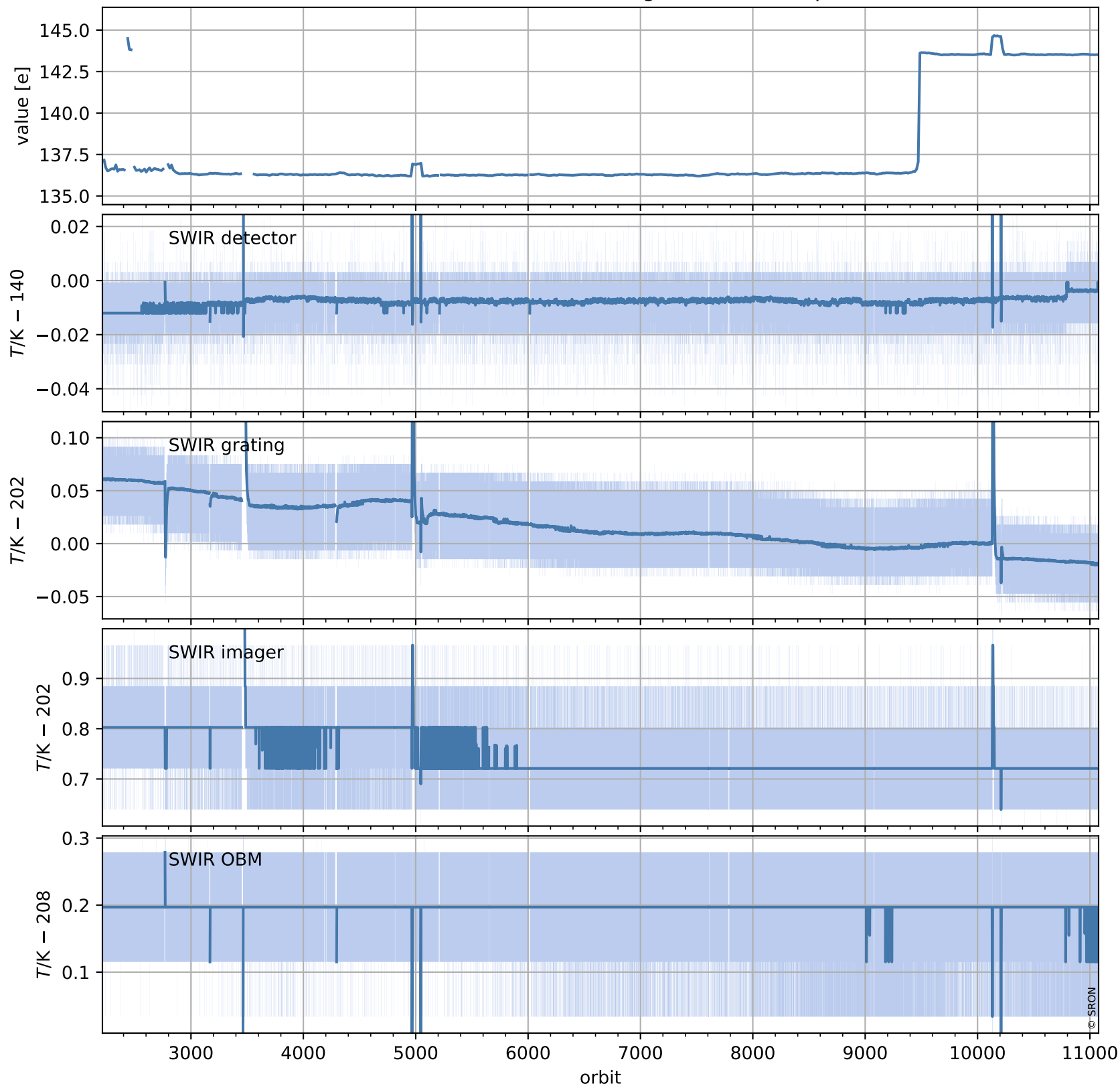
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11077]  
coverage : 2018-03-18 / 2019-12-02  
created : 2023-08-21T15:17:17

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11077]  
coverage : 2018-03-18 / 2019-12-02  
created : 2023-08-21T15:17:18

## trend of normalized read-noise & temperatures

