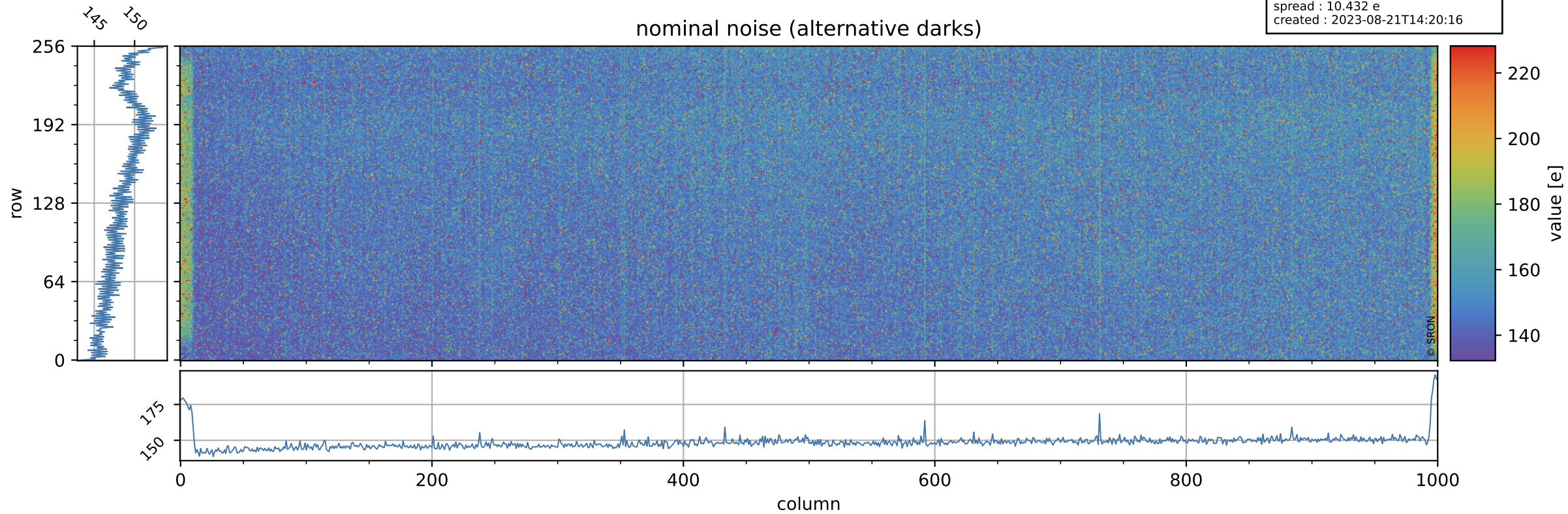


# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
n\_coad, t\_exp : 1, 1.0783  
median : 148.33 e  
spread : 10.432 e  
created : 2023-08-21T14:20:16

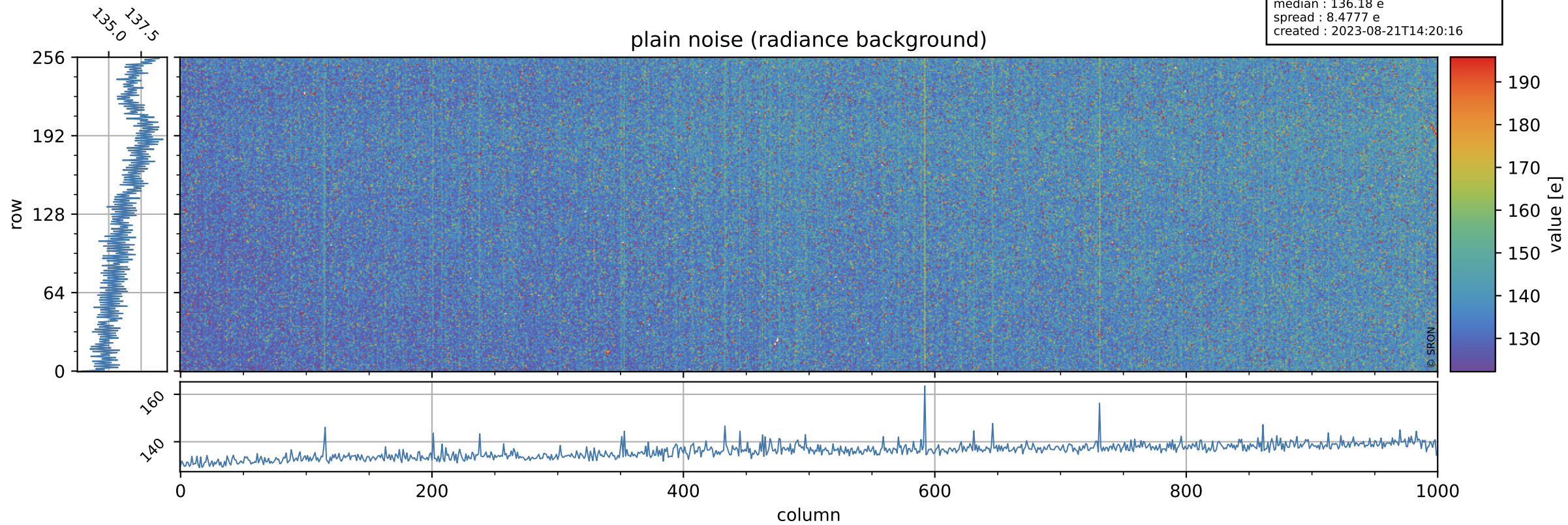
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
n\_coad, t\_exp : 2, 0.5383  
median : 136.18 e  
spread : 8.4777 e  
created : 2023-08-21T14:20:16

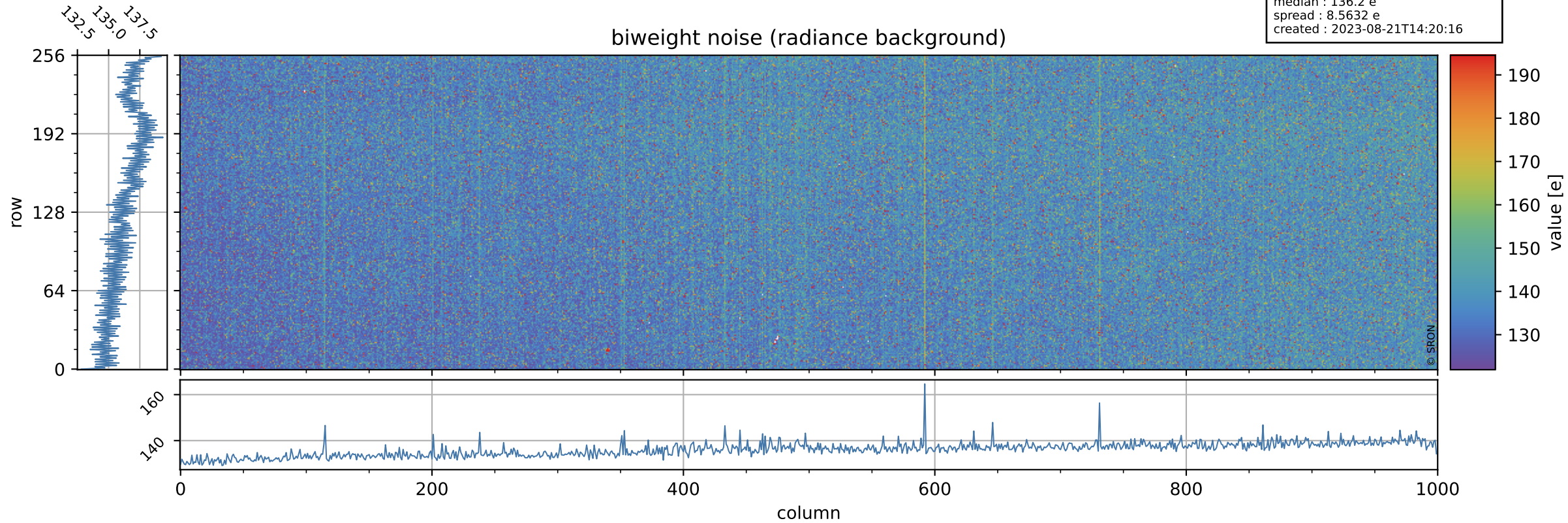
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
n\_coad, t\_exp : 2, 0.5383  
median : 136.2 e  
spread : 8.5632 e  
created : 2023-08-21T14:20:16

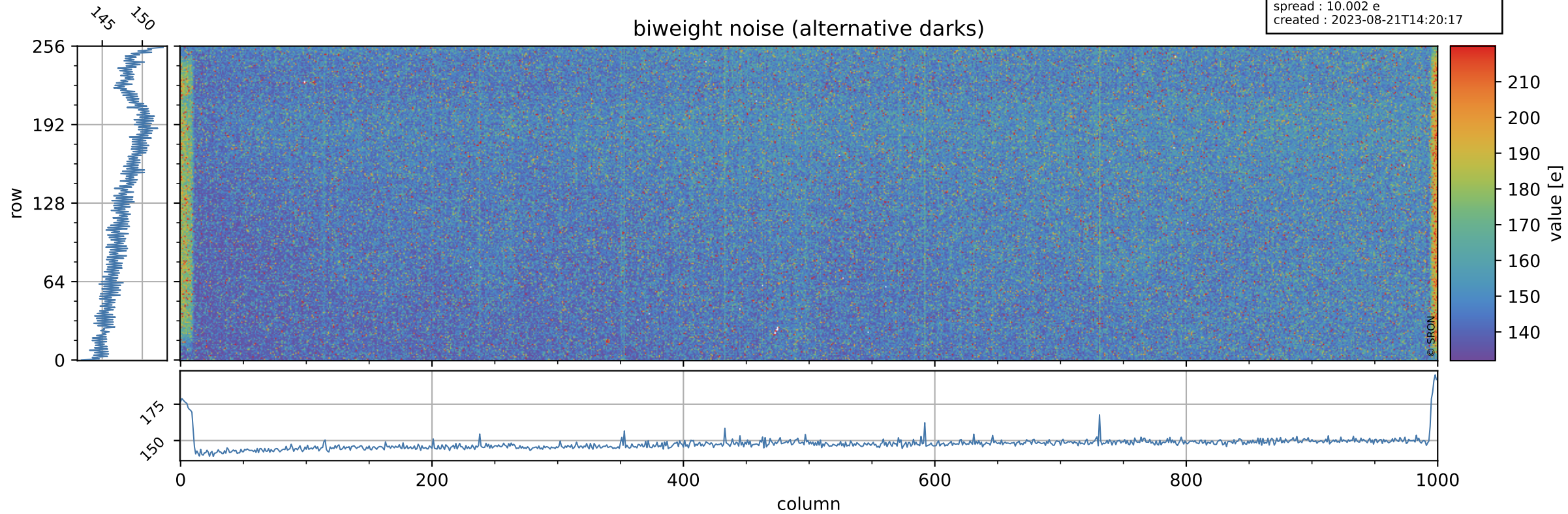
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 10.002 e  
created : 2023-08-21T14:20:17

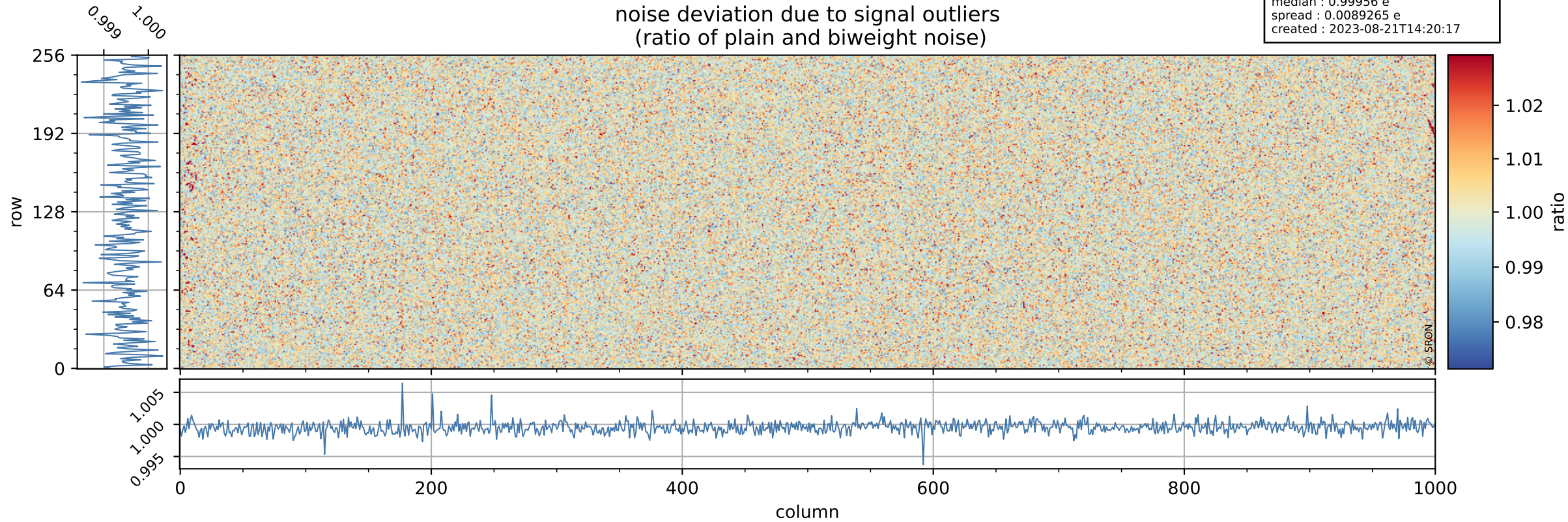
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

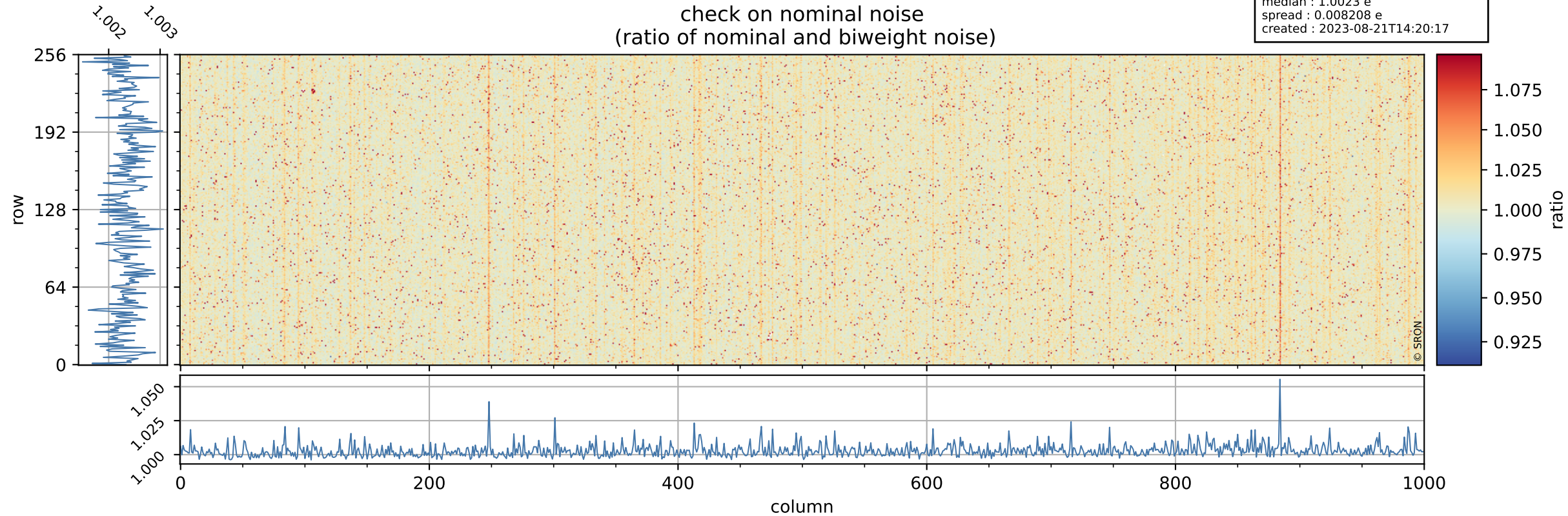
orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
median : 0.99956 e  
spread : 0.0089265 e  
created : 2023-08-21T14:20:17



# Tropomi SWIR background noise (swir)

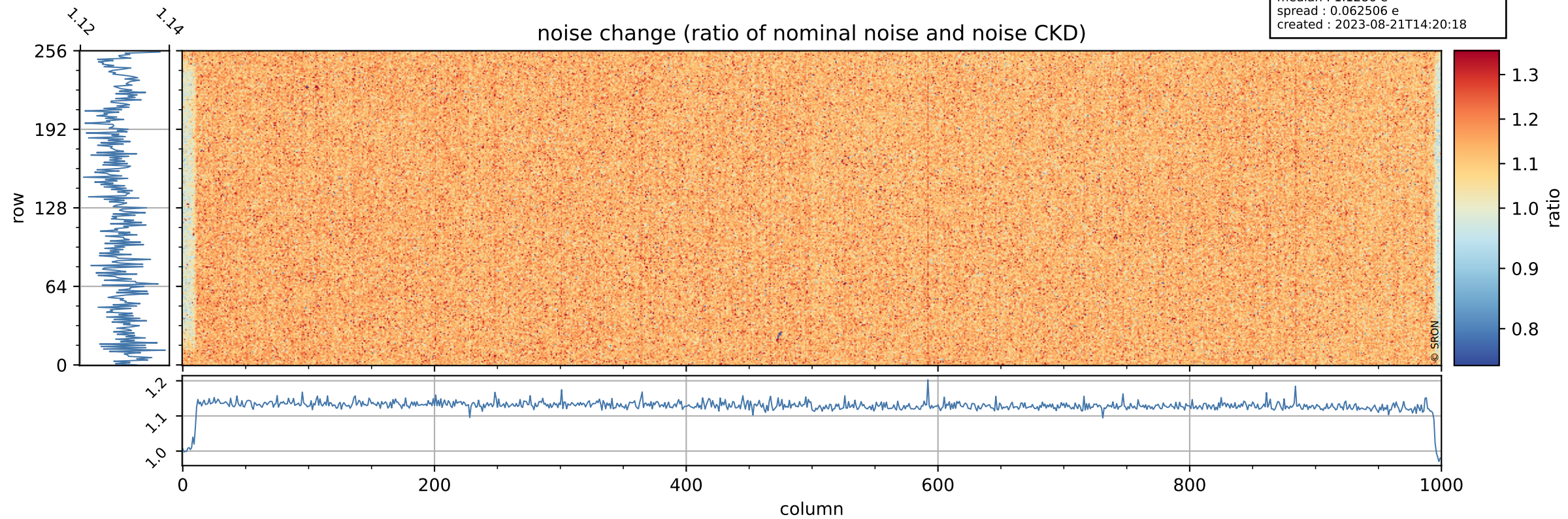
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
median : 1.0023 e  
spread : 0.008208 e  
created : 2023-08-21T14:20:17



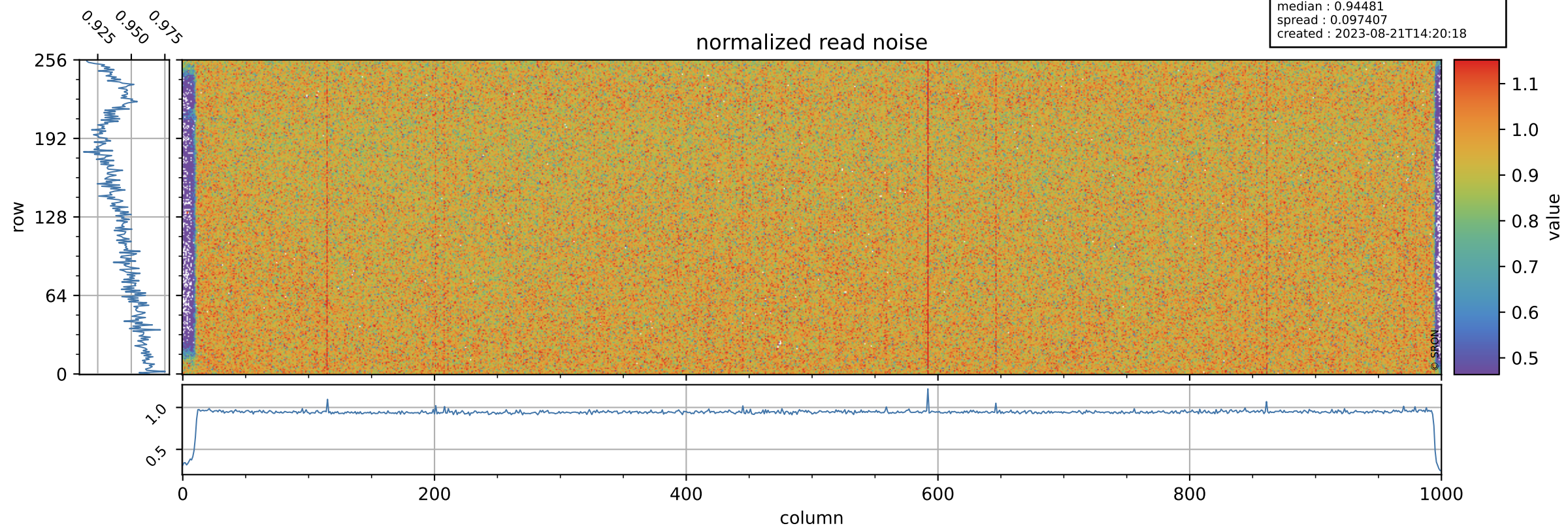
# Tropomi SWIR background noise (swir)

orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
median : 1.1286 e  
spread : 0.062506 e  
created : 2023-08-21T14:20:18



# Tropomi SWIR background noise (swir)

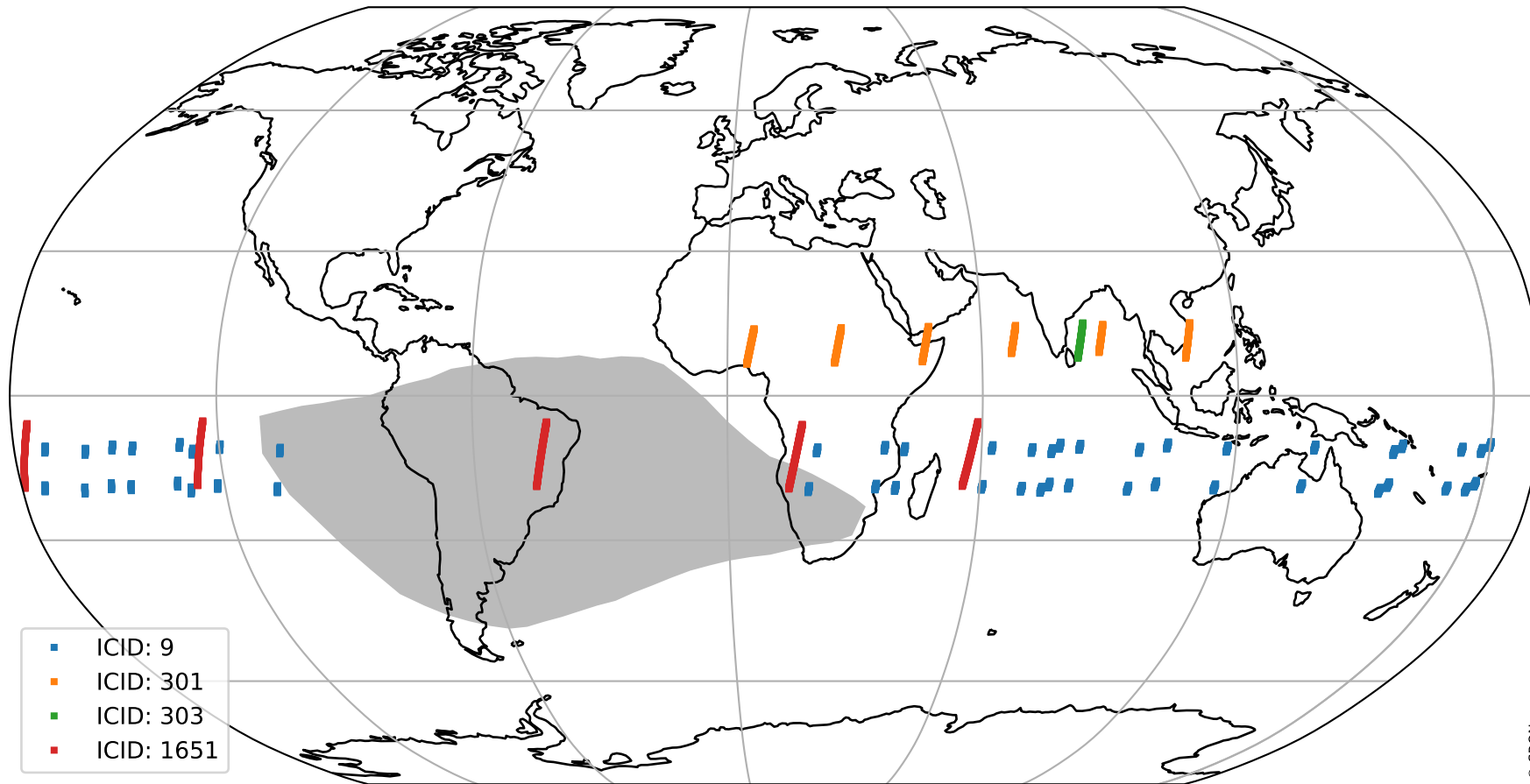
orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
median : 0.94481  
spread : 0.097407  
created : 2023-08-21T14:20:18





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

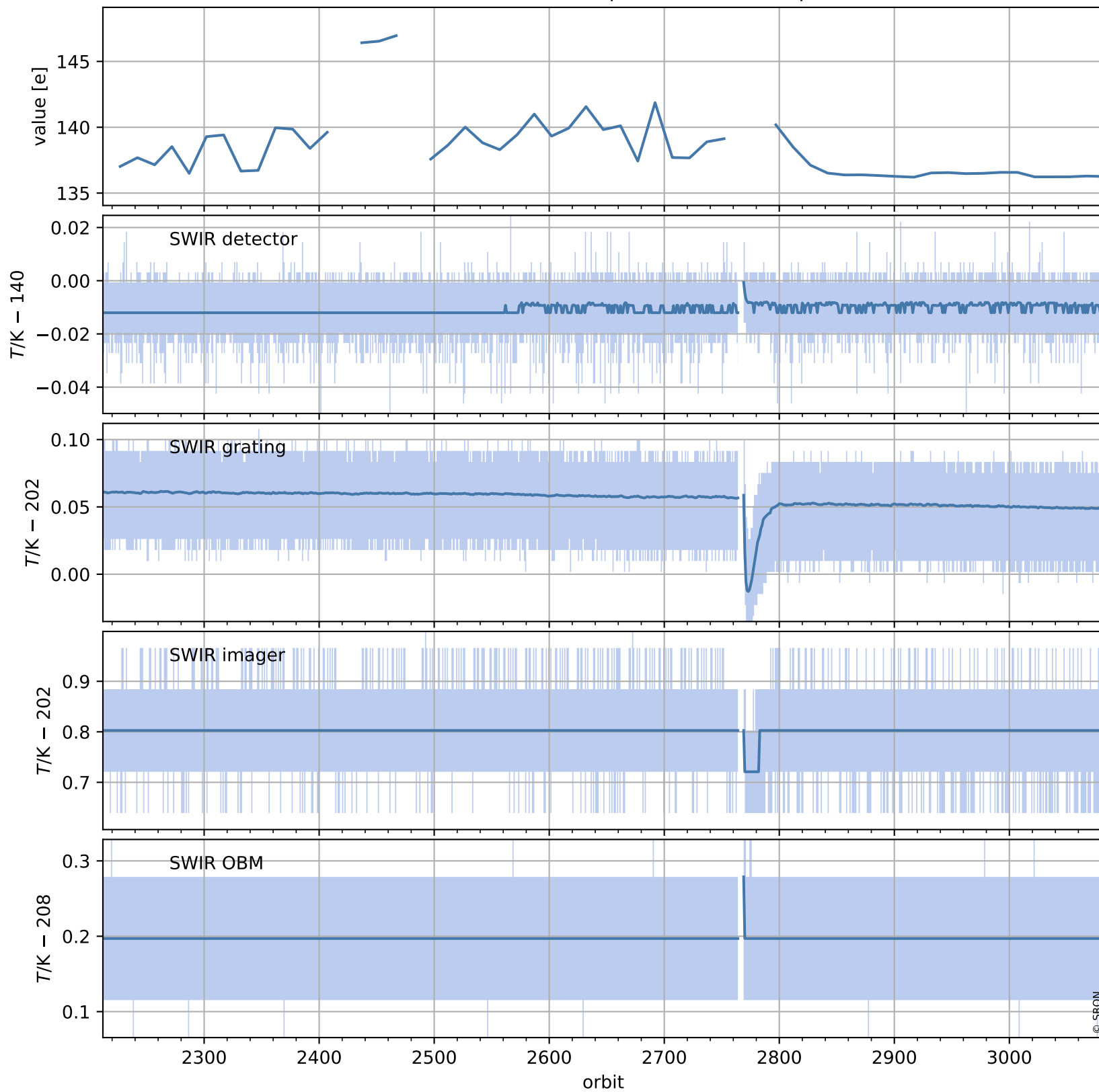
orbits : 12 in [3007, 3082]  
coverage : 2018-05-12 / 2018-05-18  
created : 2023-08-21T14:20:18



# Tropomi SWIR background noise (swir)

orbits : [2212, 3082]  
coverage : 2018-03-18 / 2018-05-18  
created : 2023-08-21T14:20:18

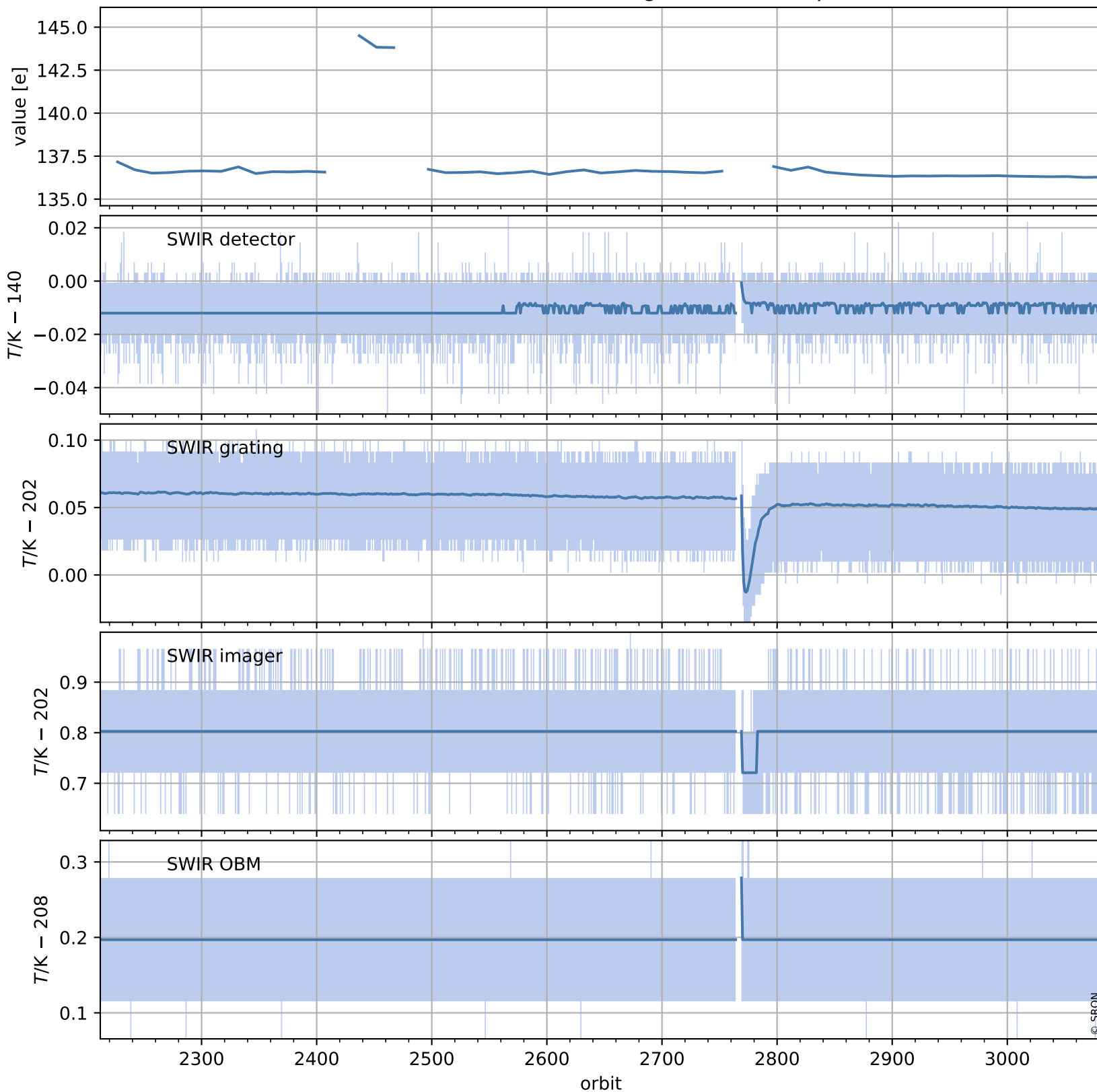
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3082]  
coverage : 2018-03-18 / 2018-05-18  
created : 2023-08-21T14:20:19

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 3082]  
coverage : 2018-03-18 / 2018-05-18  
created : 2023-08-21T14:20:19

## trend of normalized read-noise & temperatures

