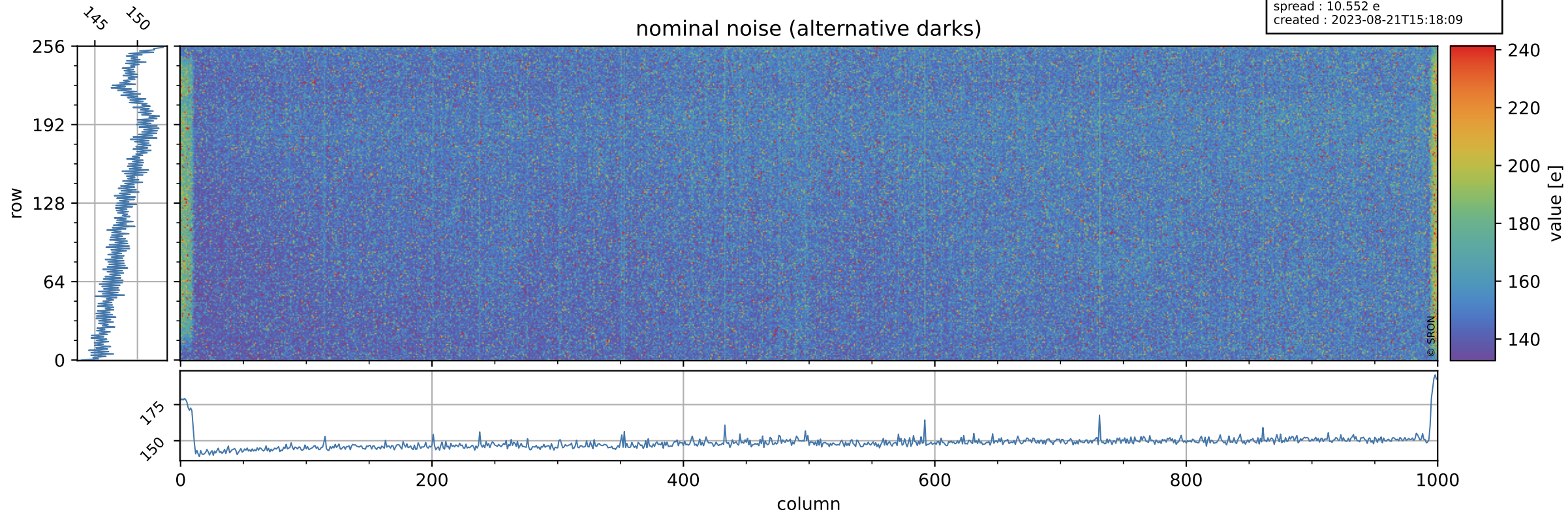


# Tropomi SWIR background noise (swir)

orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
n\_coad, t\_exp : 1, 1.0783  
median : 148.48 e  
spread : 10.552 e  
created : 2023-08-21T15:18:09

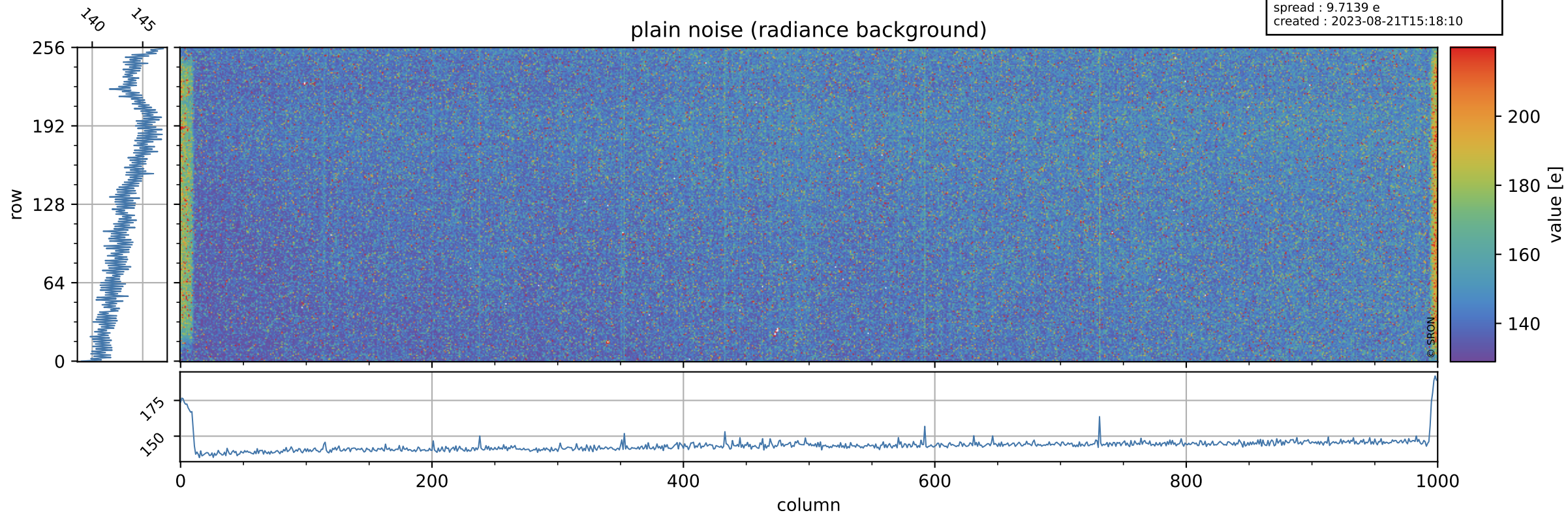
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.33 e  
spread : 9.7139 e  
created : 2023-08-21T15:18:10

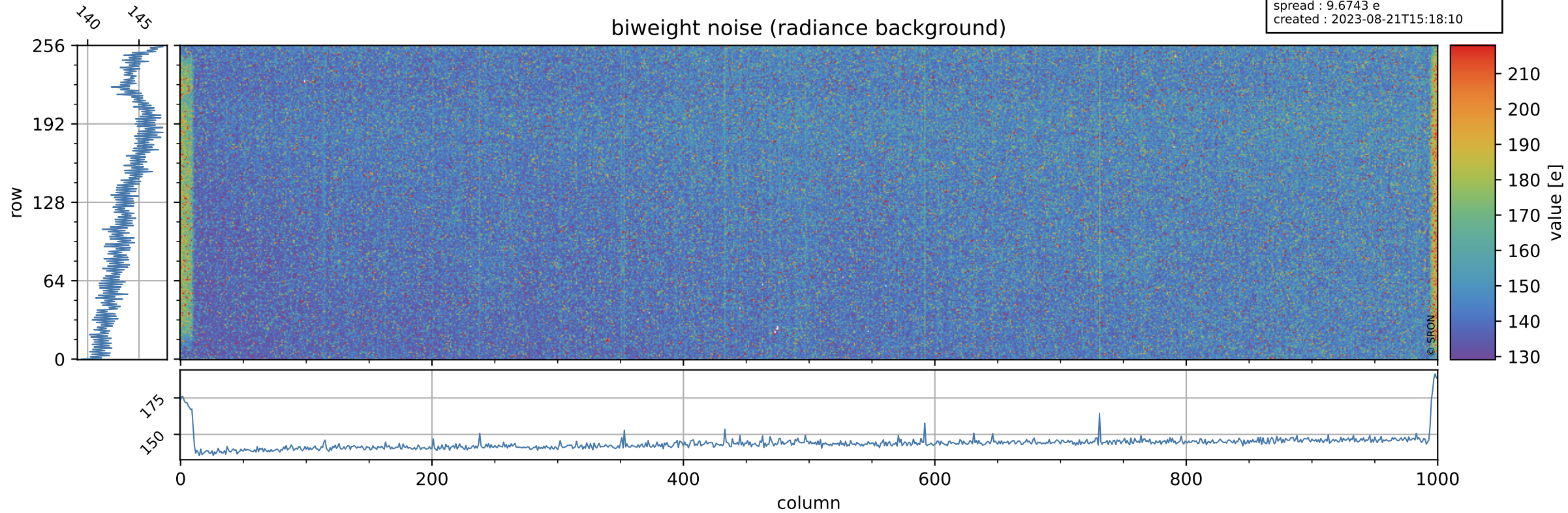
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.6743 e  
created : 2023-08-21T15:18:10

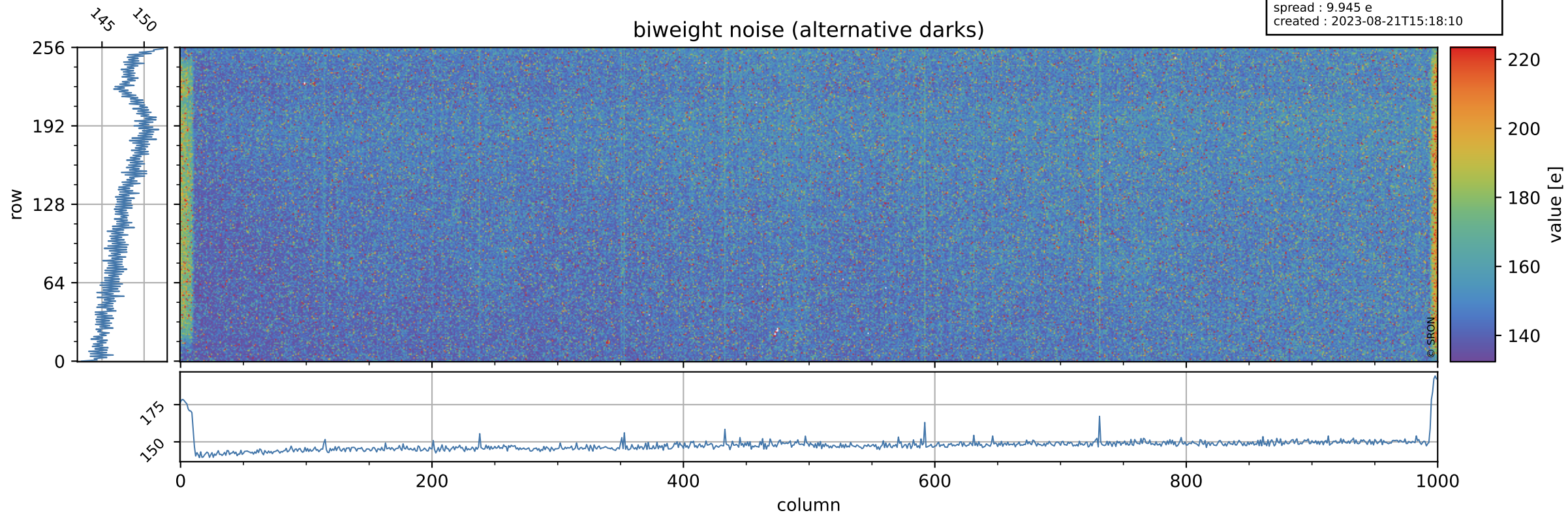
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
n\_coad, t\_exp : 1, 1.0783  
median : 147.62 e  
spread : 9.945 e  
created : 2023-08-21T15:18:10

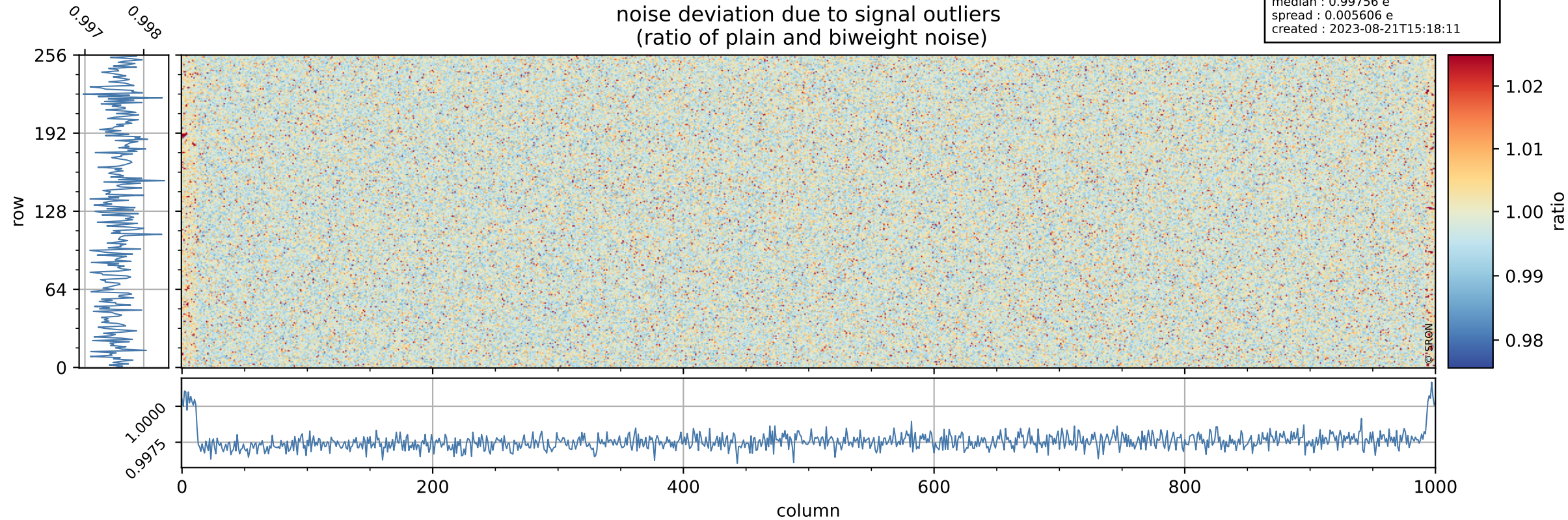
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

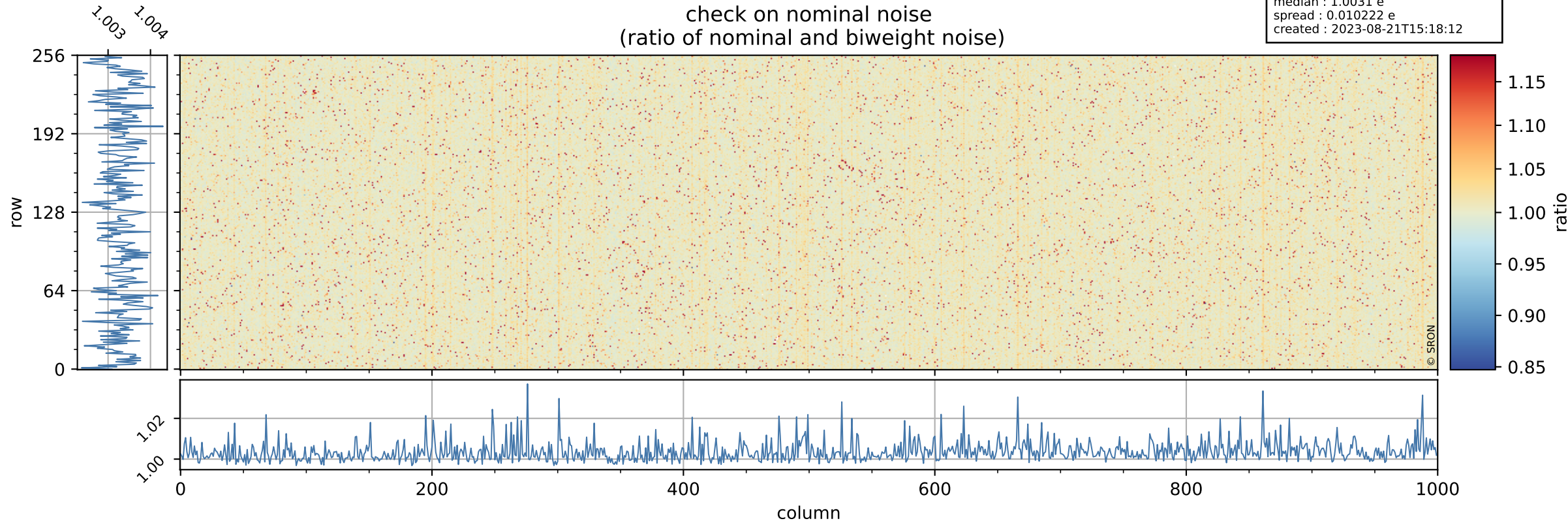
orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
median : 0.99756 e  
spread : 0.005606 e  
created : 2023-08-21T15:18:11



# Tropomi SWIR background noise (swir)

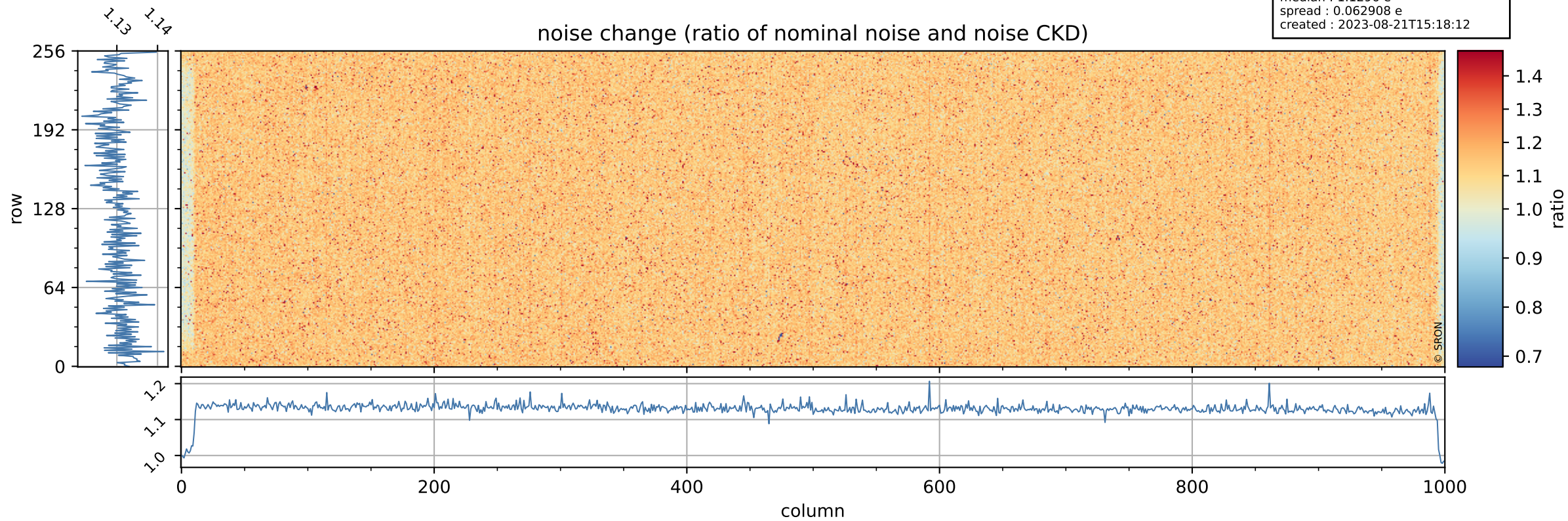
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
median : 1.0031 e  
spread : 0.010222 e  
created : 2023-08-21T15:18:12



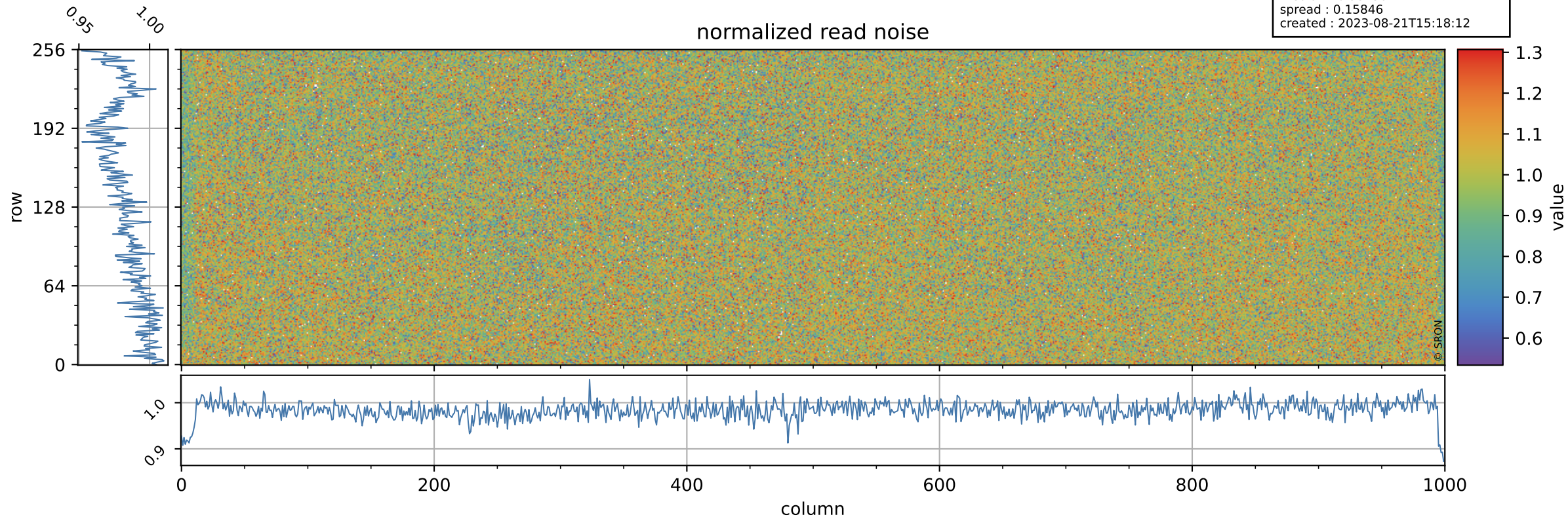
# Tropomi SWIR background noise (swir)

orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
median : 1.1296 e  
spread : 0.062908 e  
created : 2023-08-21T15:18:12



# Tropomi SWIR background noise (swir)

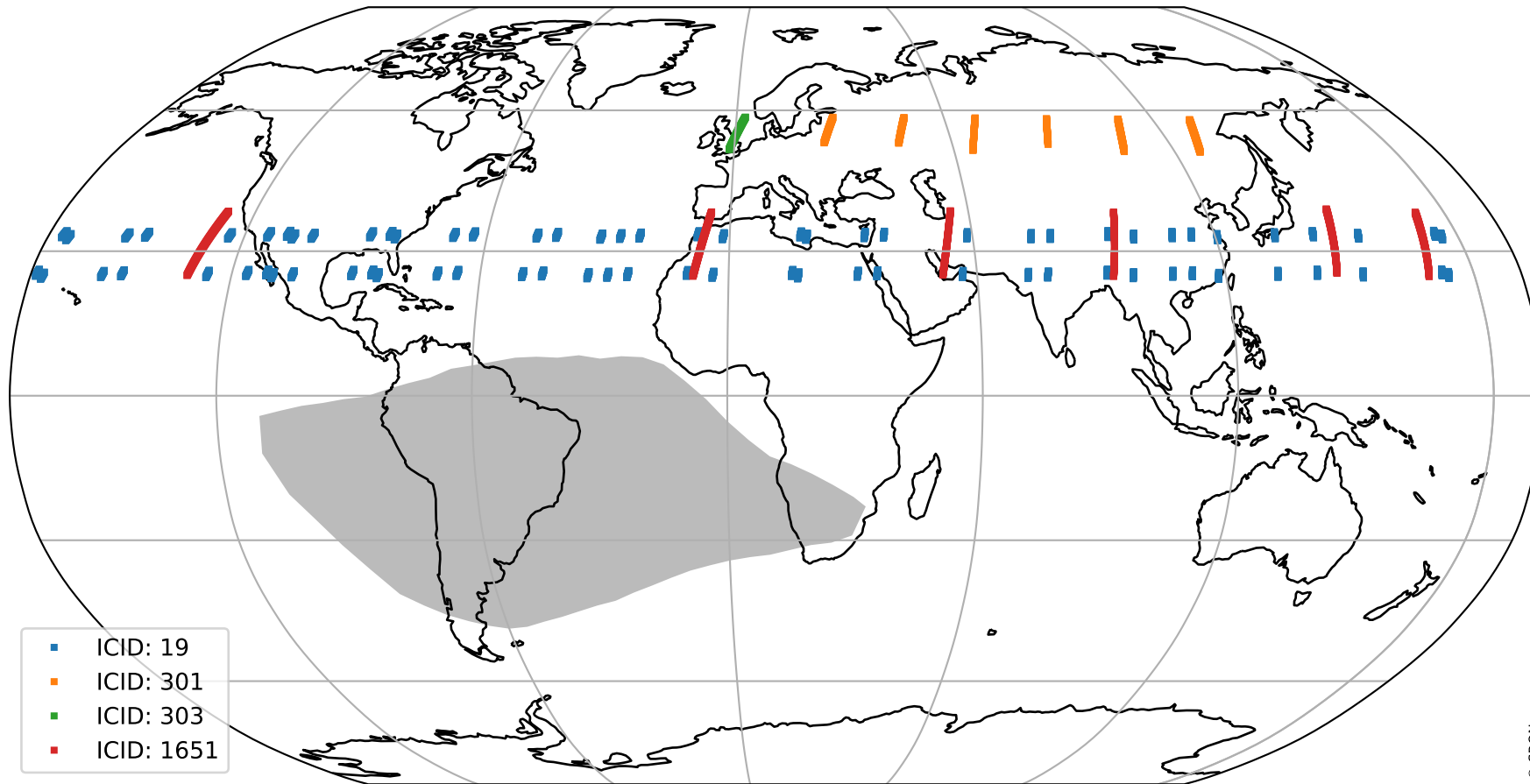
orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
median : 0.98256  
spread : 0.15846  
created : 2023-08-21T15:18:12





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

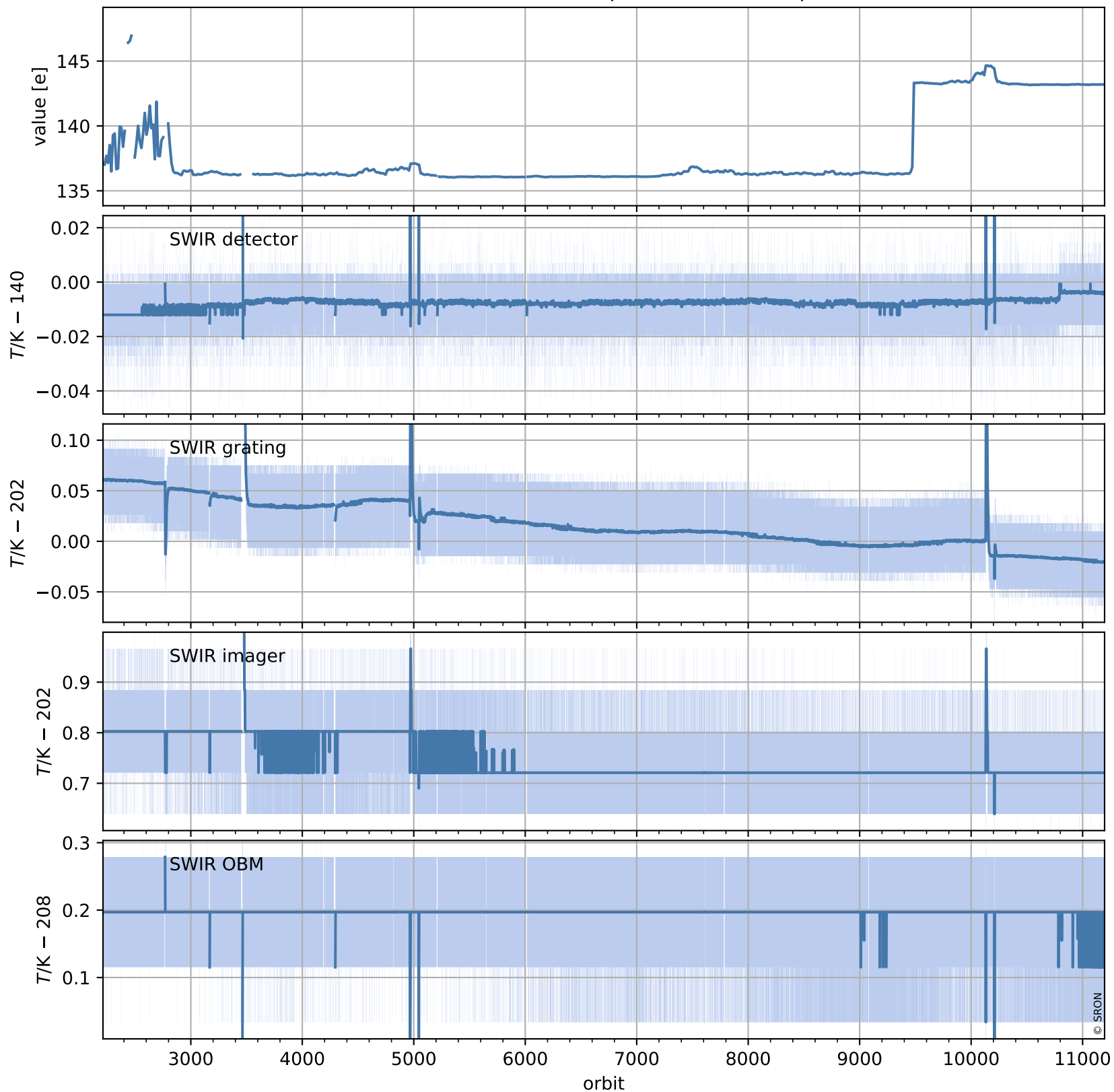
orbits : 13 in [11107, 11197]  
coverage : 2019-12-05 / 2019-12-11  
created : 2023-08-21T15:18:13



# Tropomi SWIR background noise (swir)

orbits : [2212, 11197]  
coverage : 2018-03-18 / 2019-12-11  
created : 2023-08-21T15:18:13

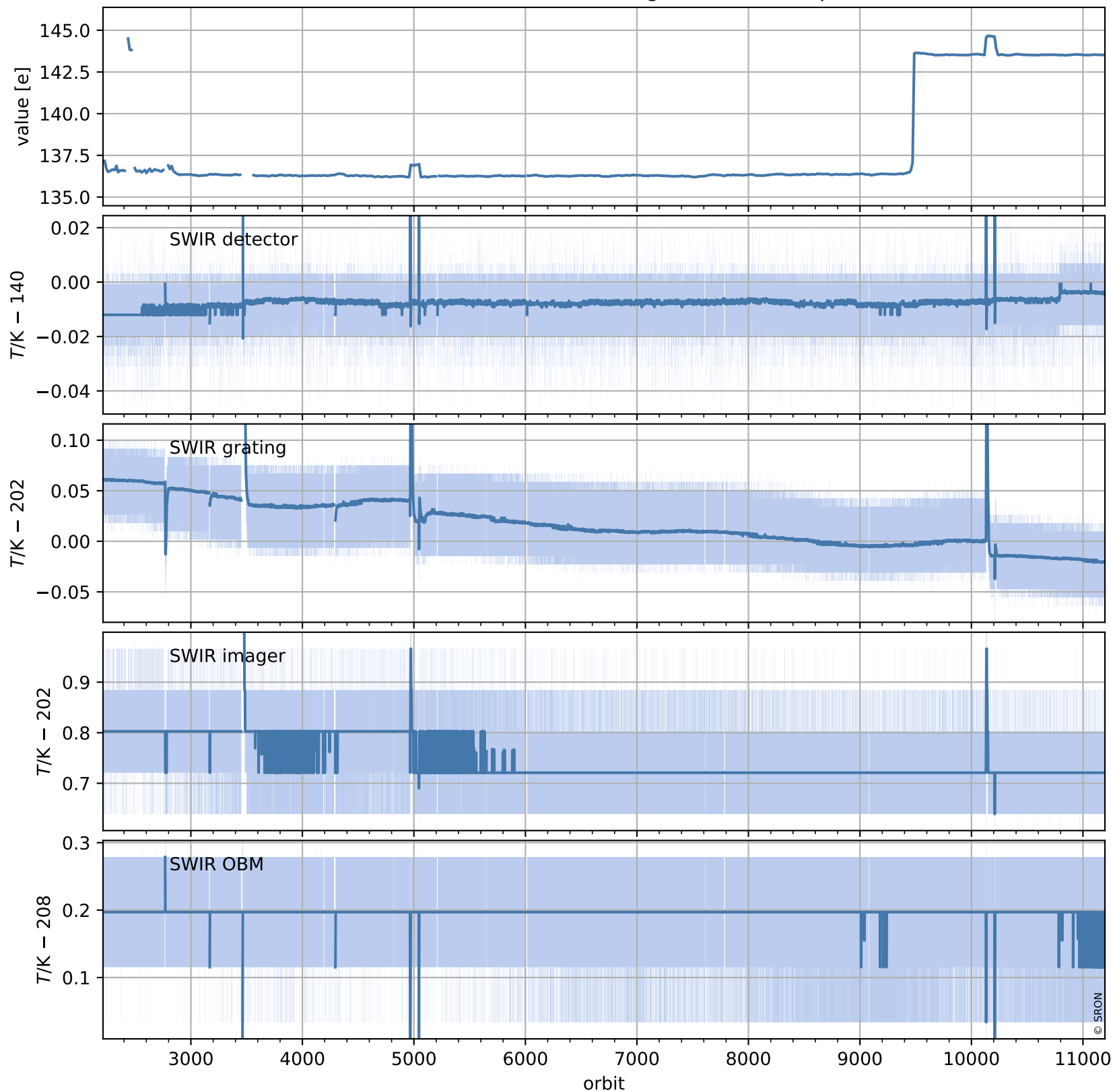
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11197]  
coverage : 2018-03-18 / 2019-12-11  
created : 2023-08-21T15:18:14

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11197]  
coverage : 2018-03-18 / 2019-12-11  
created : 2023-08-21T15:18:15

## trend of normalized read-noise & temperatures

