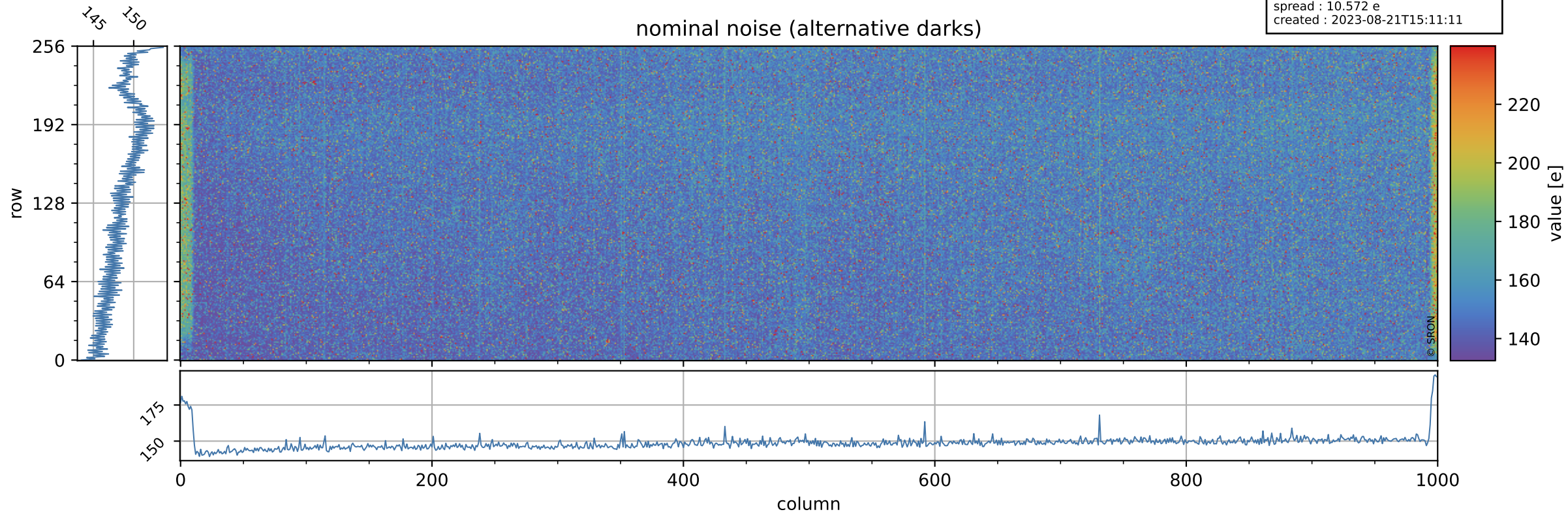


# Tropomi SWIR background noise (swir)

orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
n\_coad, t\_exp : 1, 1.0783  
median : 148.46 e  
spread : 10.572 e  
created : 2023-08-21T15:11:11

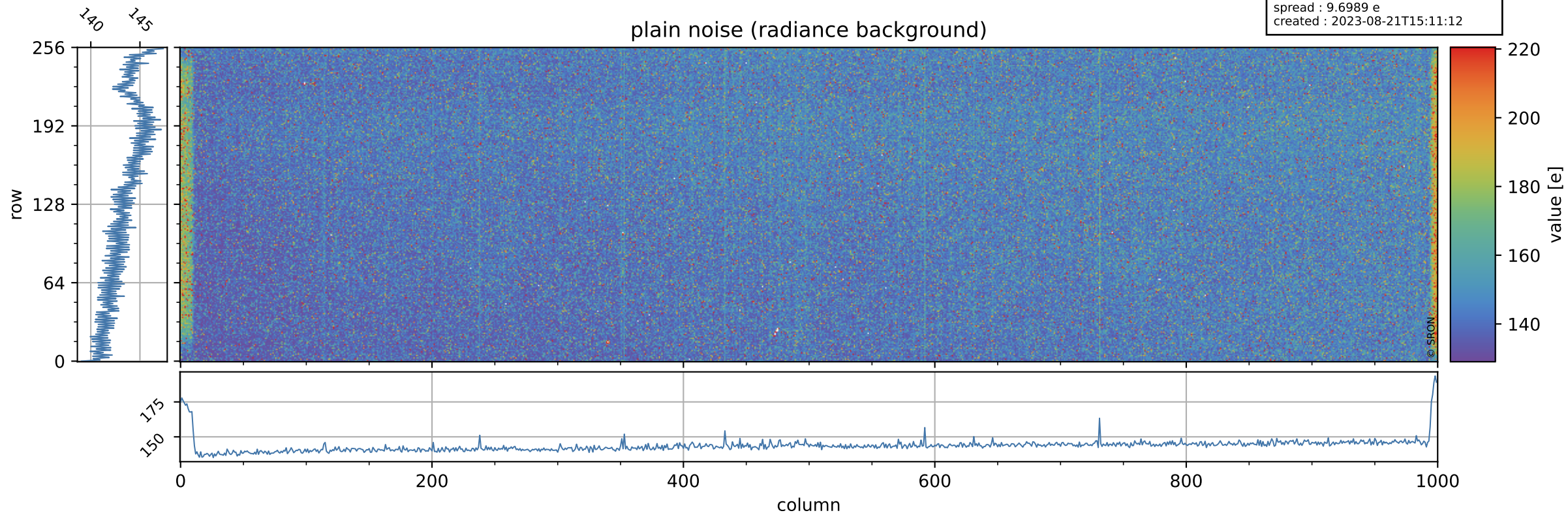
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.38 e  
spread : 9.6989 e  
created : 2023-08-21T15:11:12

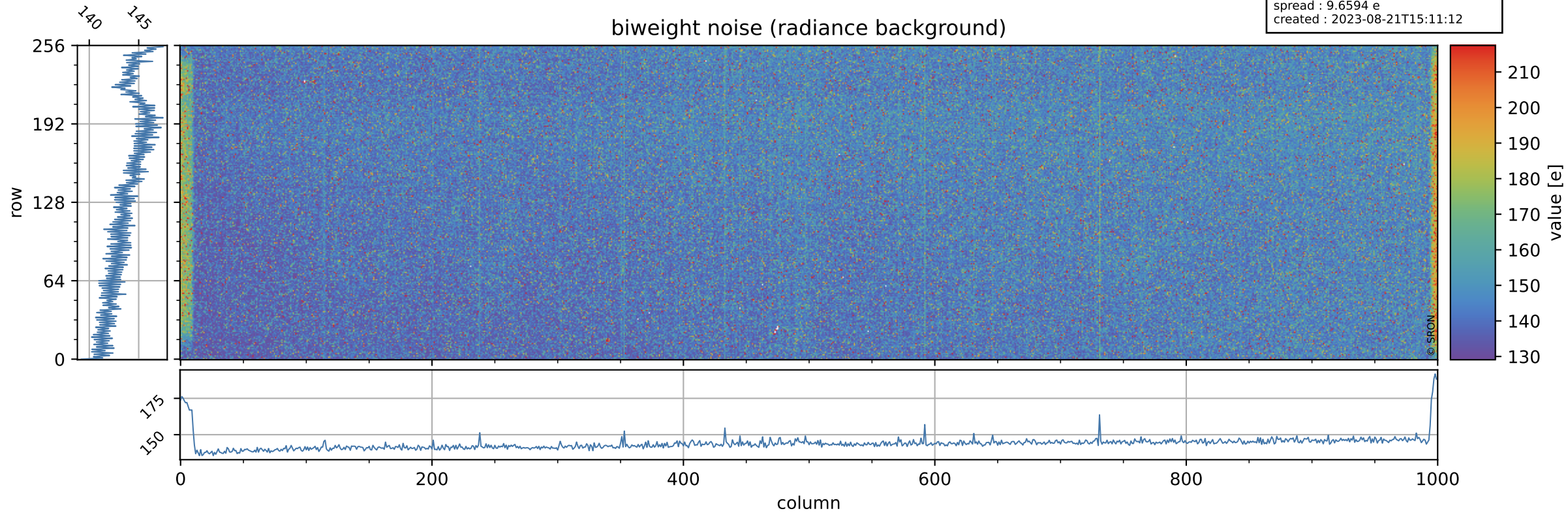
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
n\_coad, t\_exp : 1, 0.8383  
median : 143.64 e  
spread : 9.6594 e  
created : 2023-08-21T15:11:12

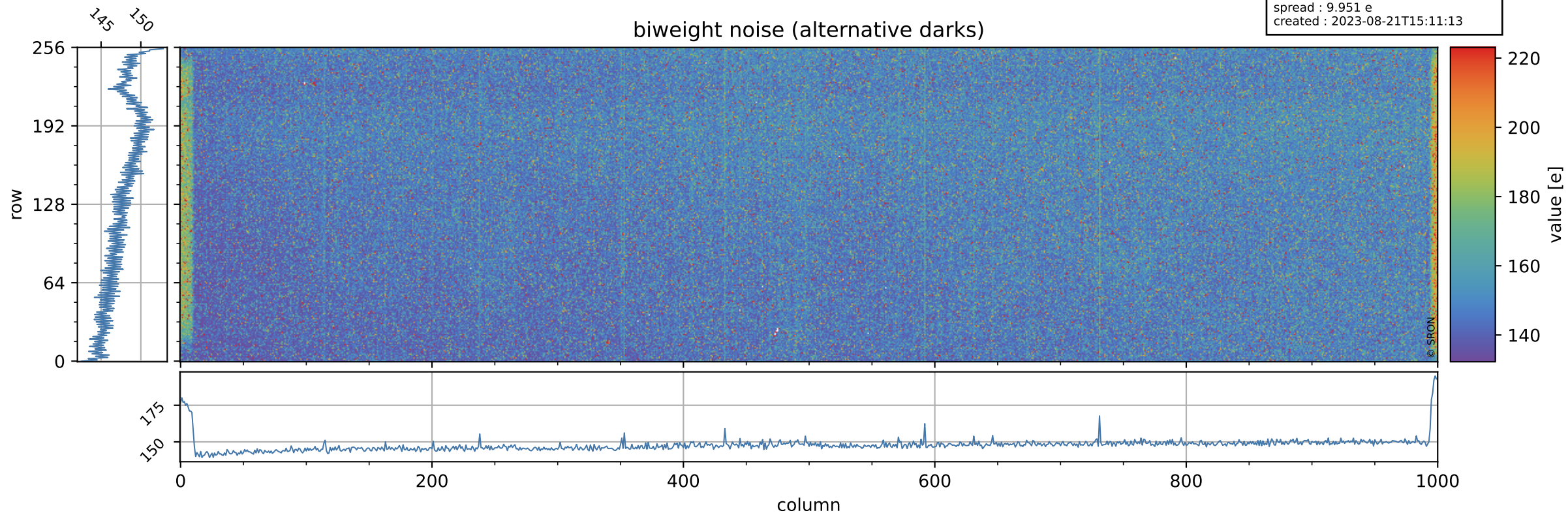
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 9.951 e  
created : 2023-08-21T15:11:13

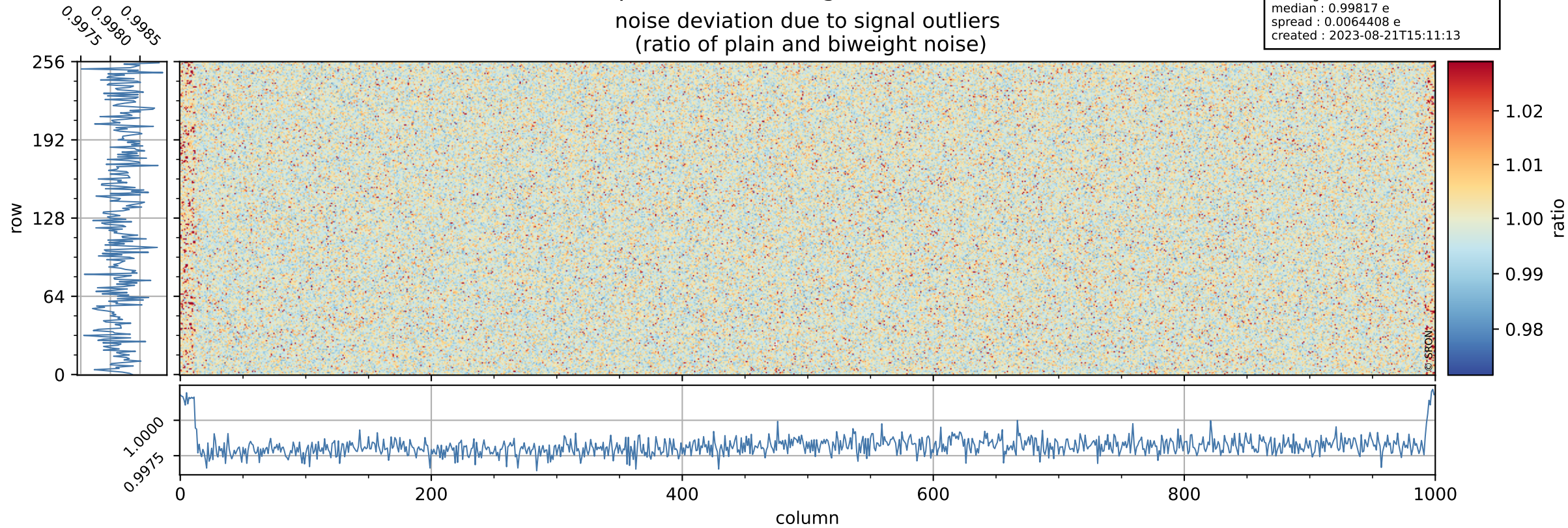
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

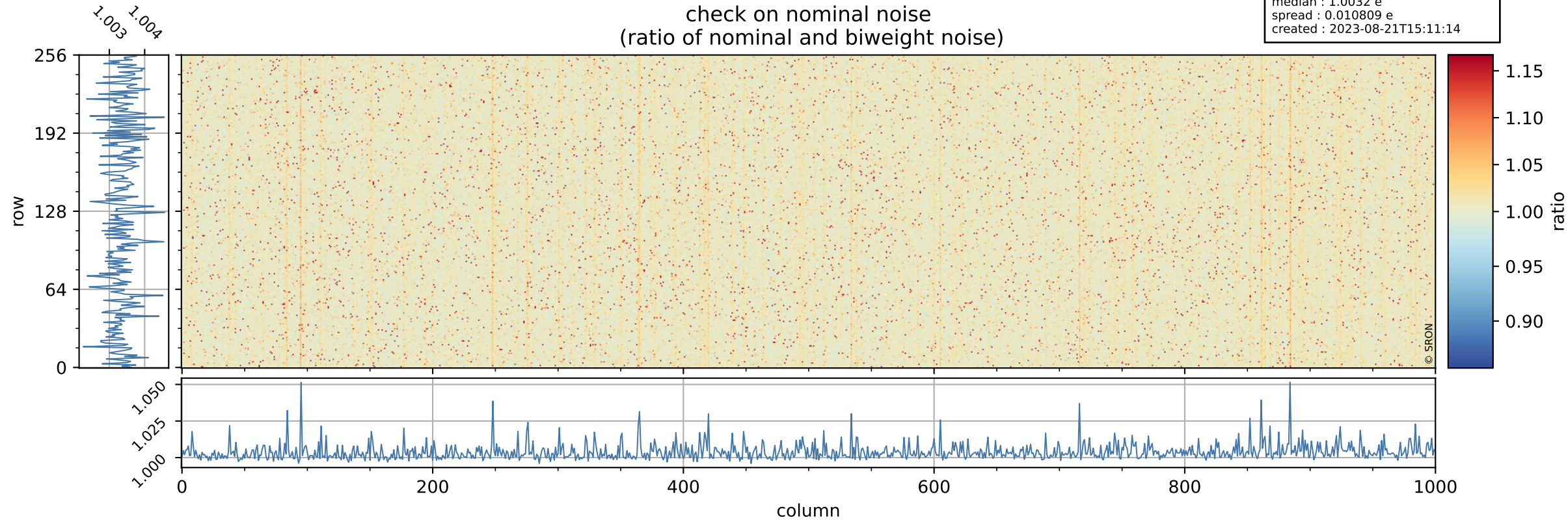
orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
median : 0.99817 e  
spread : 0.0064408 e  
created : 2023-08-21T15:11:13



# Tropomi SWIR background noise (swir)

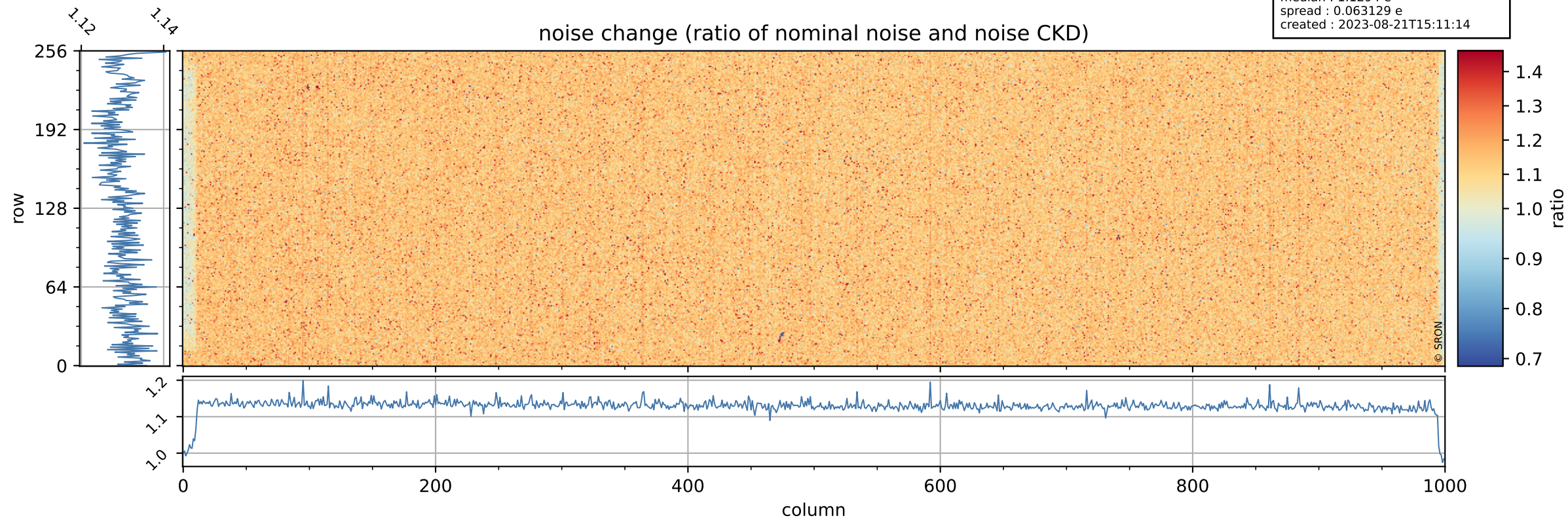
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
median : 1.0032 e  
spread : 0.010809 e  
created : 2023-08-21T15:11:14



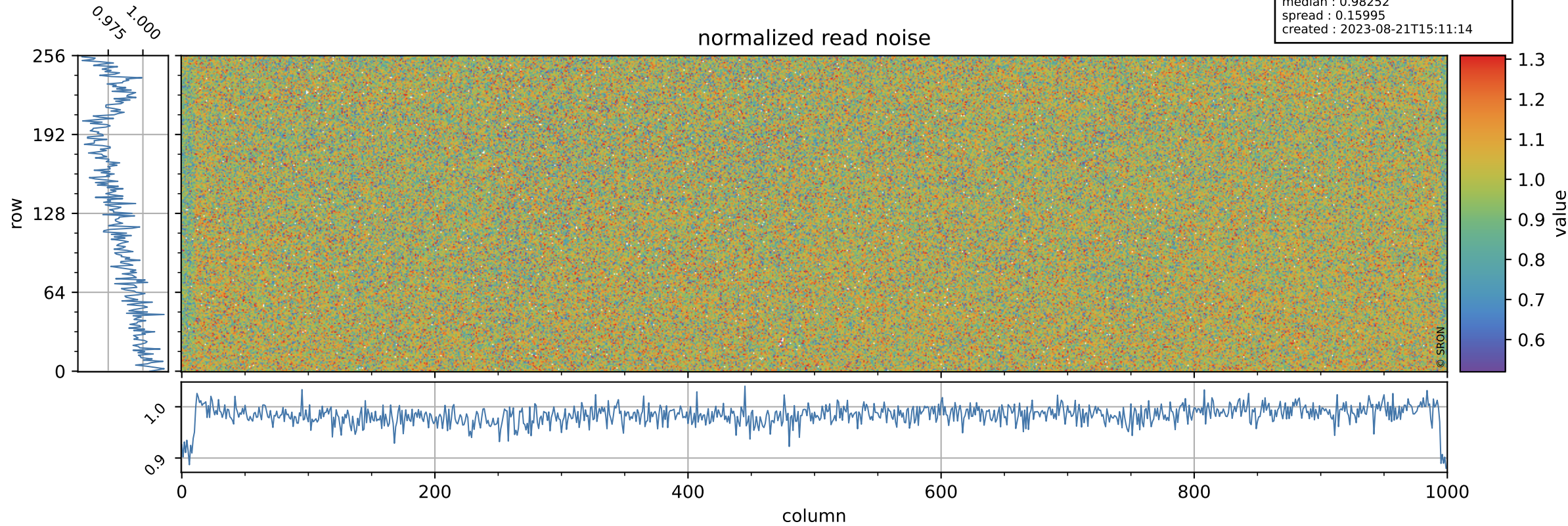
# Tropomi SWIR background noise (swir)

orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
median : 1.1294 e  
spread : 0.063129 e  
created : 2023-08-21T15:11:14



# Tropomi SWIR background noise (swir)

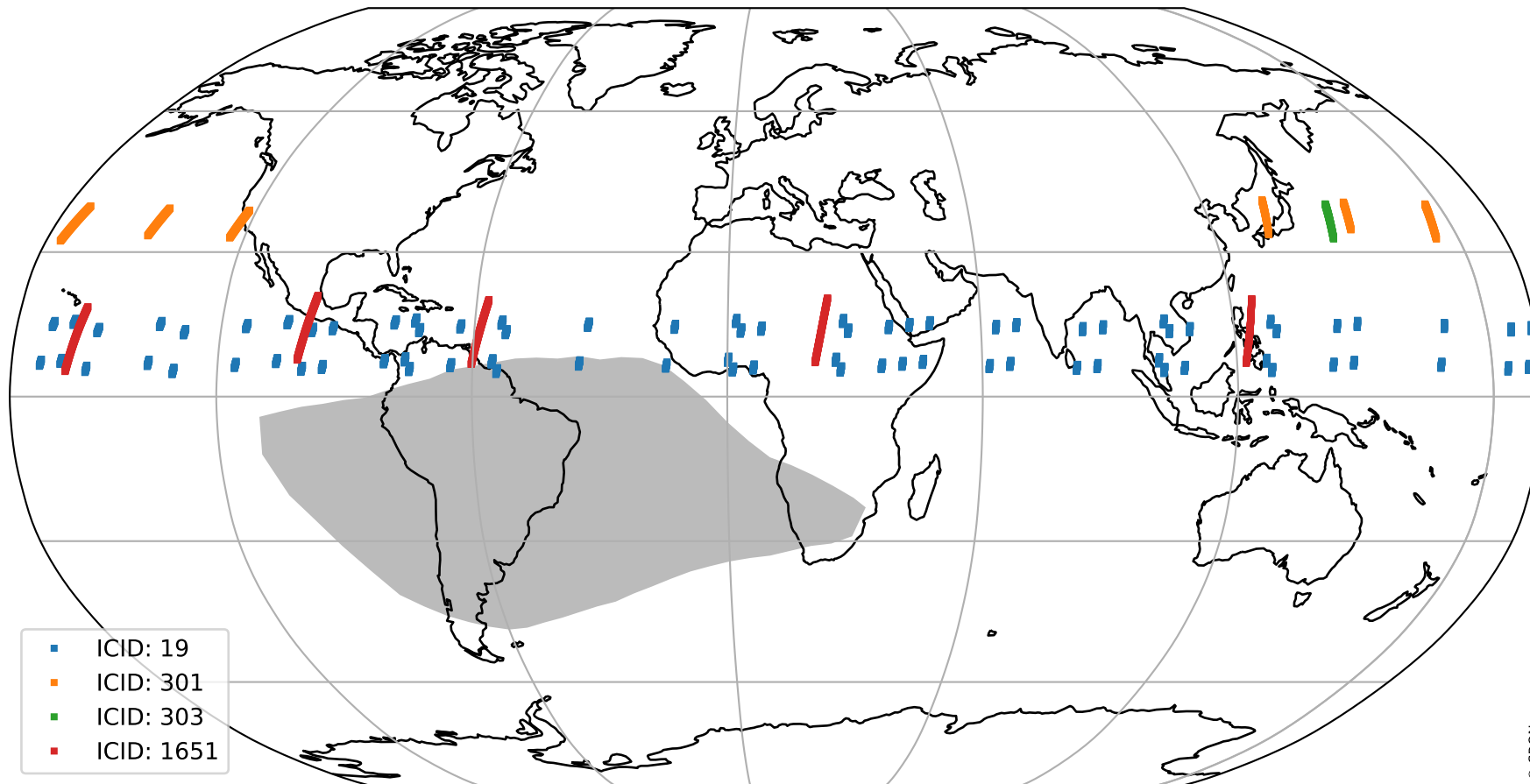
orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
median : 0.98252  
spread : 0.15995  
created : 2023-08-21T15:11:14





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

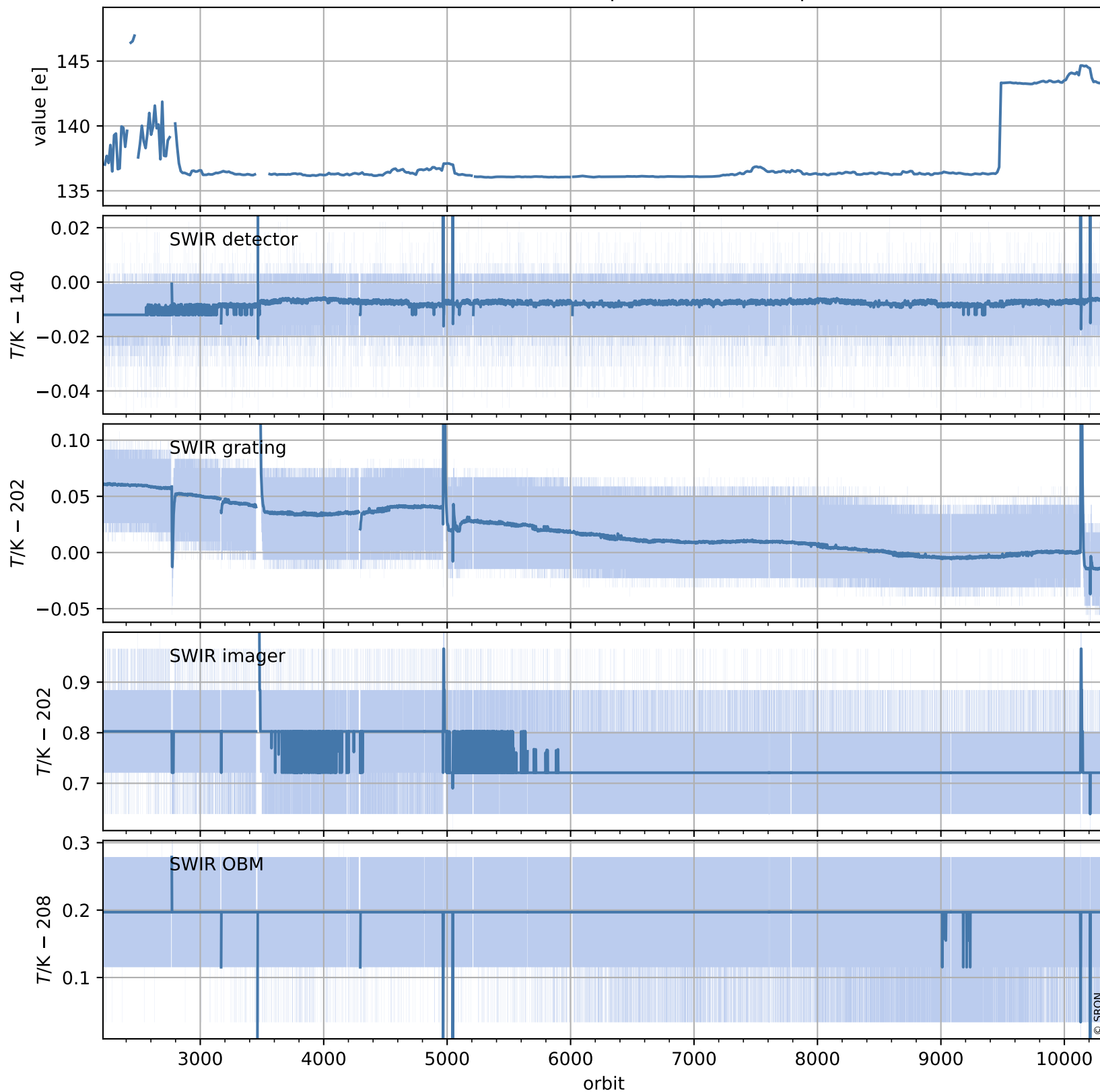
orbits : 12 in [10237, 10327]  
coverage : 2019-10-05 / 2019-10-11  
created : 2023-08-21T15:11:15



# Tropomi SWIR background noise (swir)

orbits : [2212, 10327]  
coverage : 2018-03-18 / 2019-10-11  
created : 2023-08-21T15:11:15

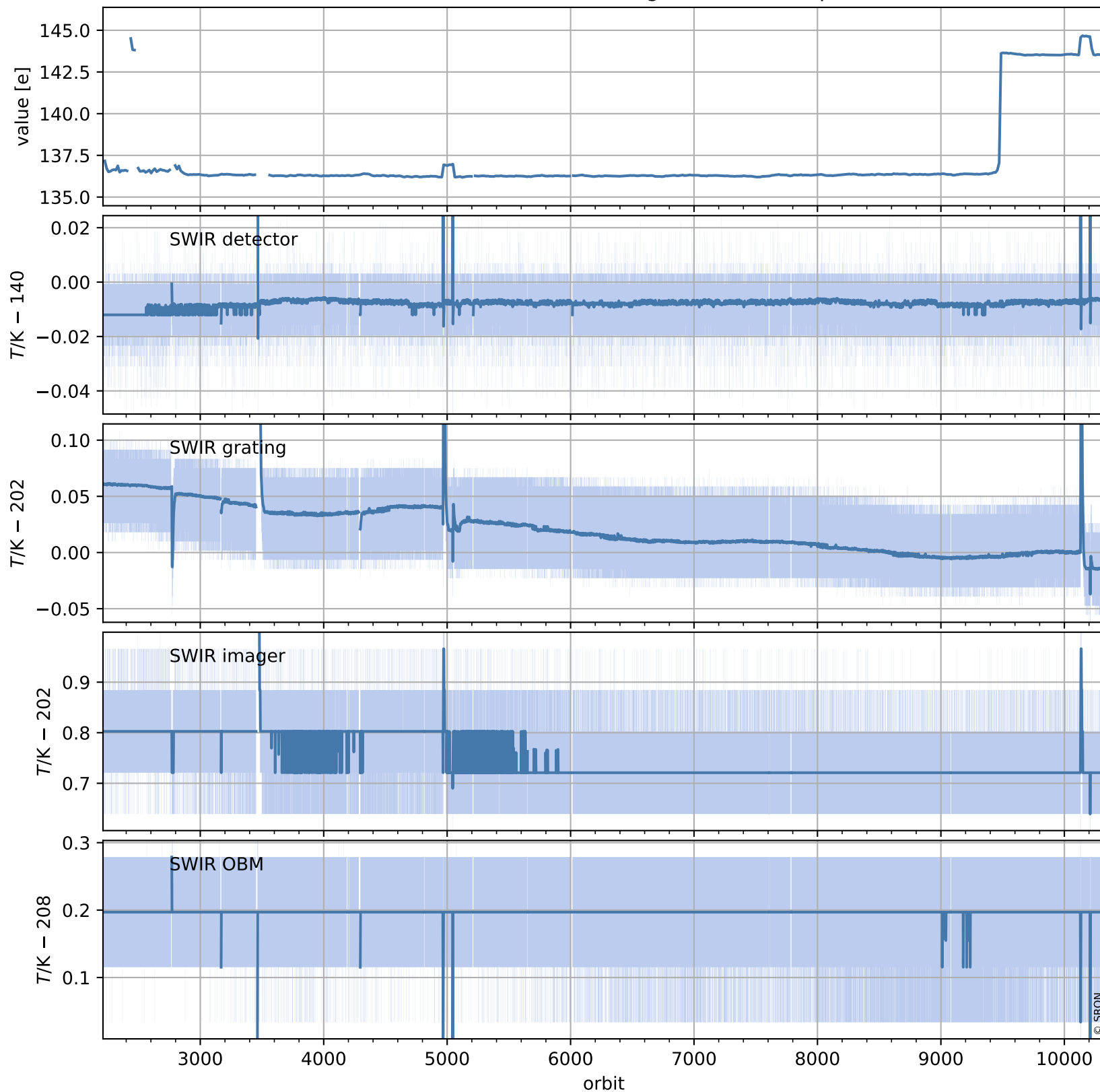
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10327]  
coverage : 2018-03-18 / 2019-10-11  
created : 2023-08-21T15:11:16

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10327]  
coverage : 2018-03-18 / 2019-10-11  
created : 2023-08-21T15:11:17

## trend of normalized read-noise & temperatures

