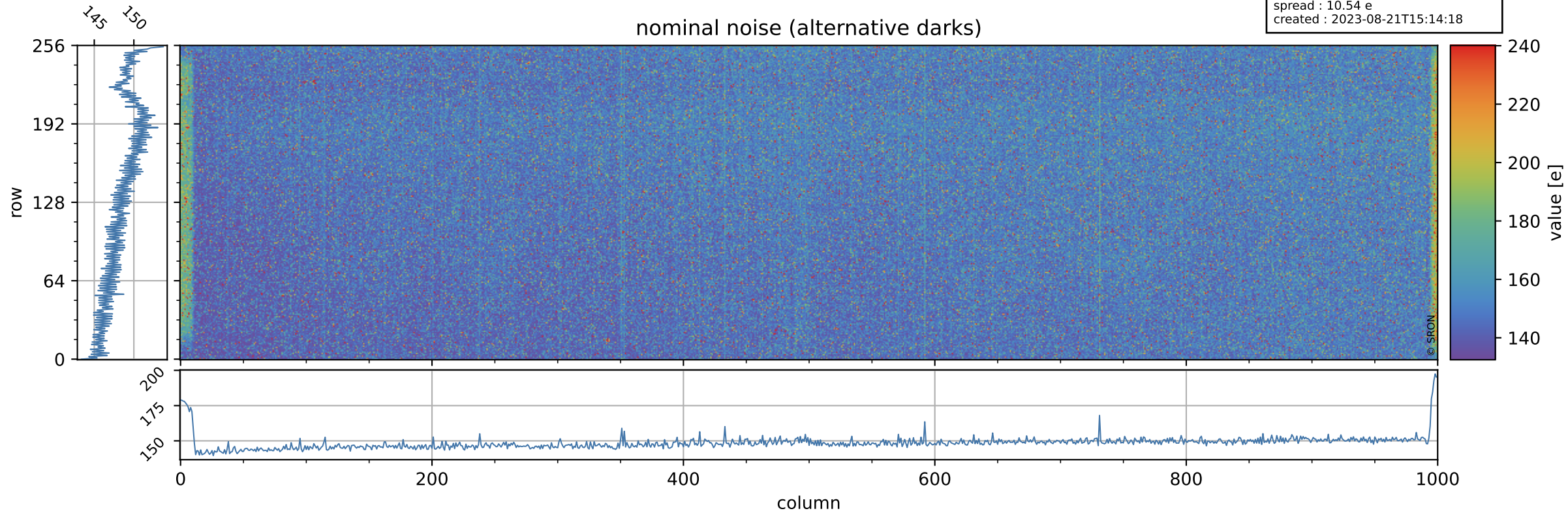


# Tropomi SWIR background noise (swir)

orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
n\_coad, t\_exp : 1, 1.0783  
median : 148.39 e  
spread : 10.54 e  
created : 2023-08-21T15:14:18

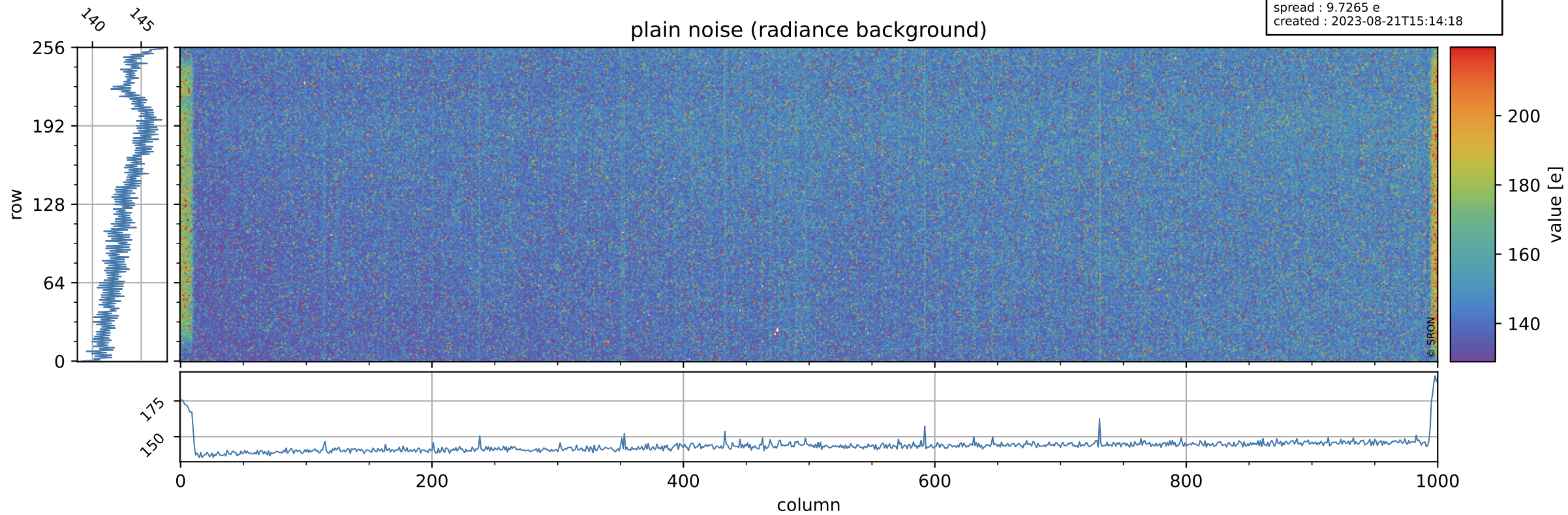
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
n\_coad, t\_exp : 1, 0.8383  
median : 143.34 e  
spread : 9.7265 e  
created : 2023-08-21T15:14:18

plain noise (radiance background)

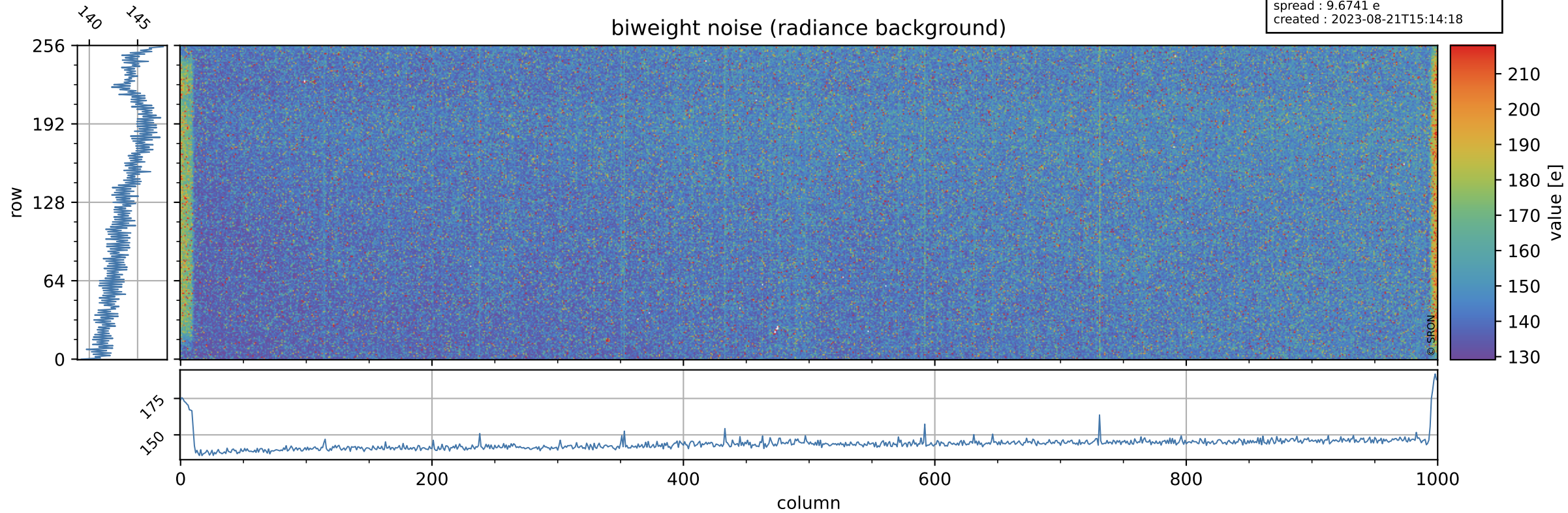




# Tropomi SWIR background noise (swir)

orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.6741 e  
created : 2023-08-21T15:14:18

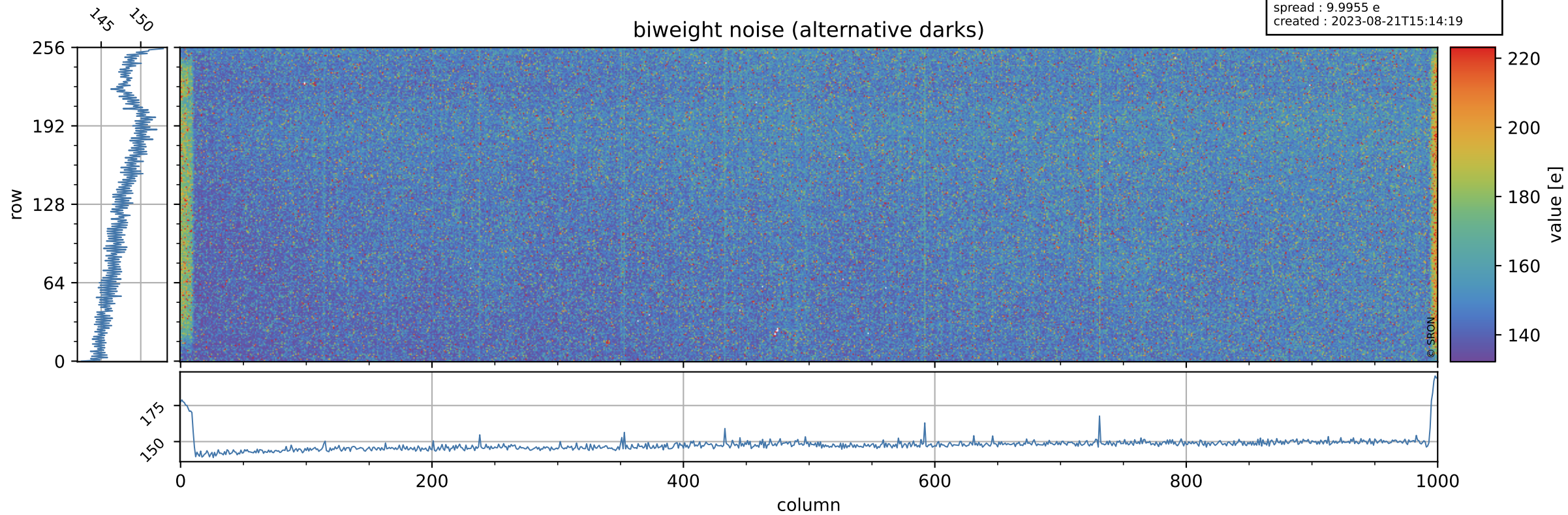
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
n\_coad, t\_exp : 1, 1.0783  
median : 147.58 e  
spread : 9.9955 e  
created : 2023-08-21T15:14:19

## biweight noise (alternative darks)

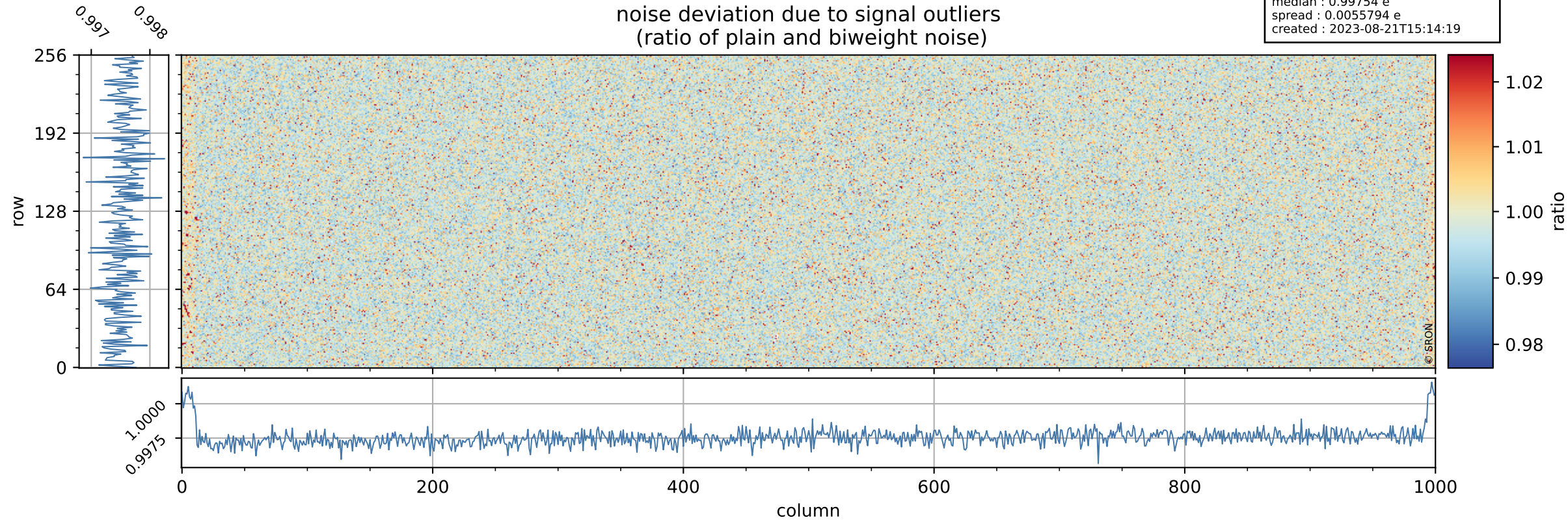




# Tropomi SWIR background noise (swir)

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

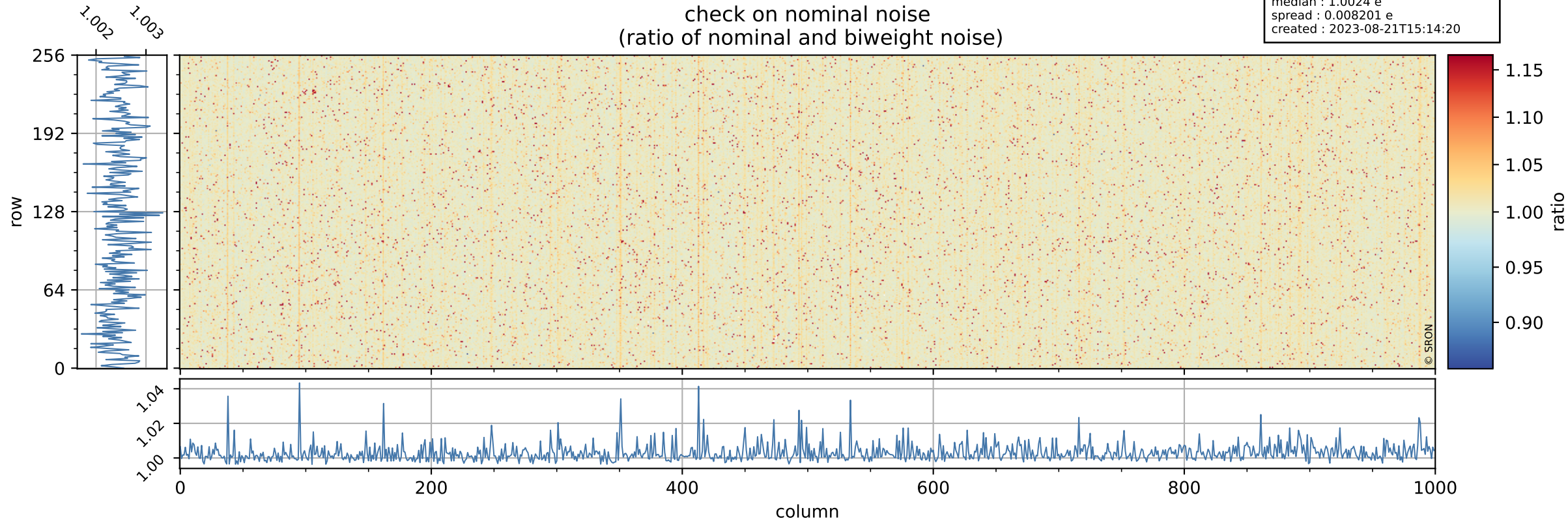
orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
median : 0.99754 e  
spread : 0.0055794 e  
created : 2023-08-21T15:14:19



# Tropomi SWIR background noise (swir)

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

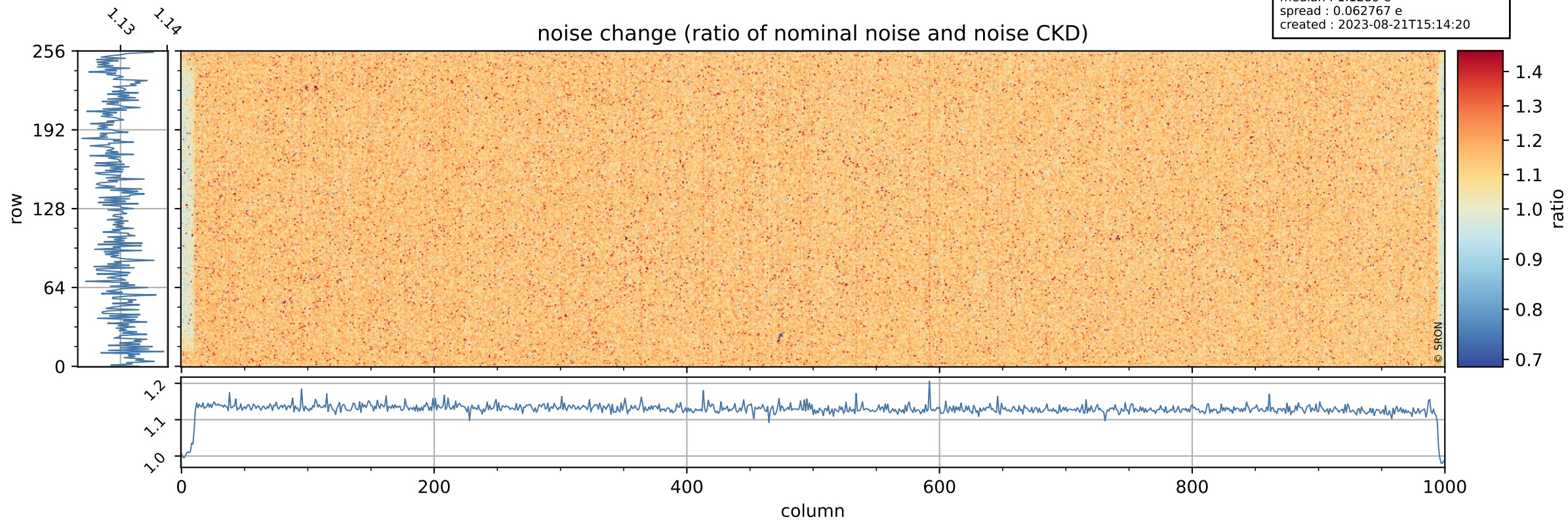
orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
median : 1.0024 e  
spread : 0.008201 e  
created : 2023-08-21T15:14:20





# Tropomi SWIR background noise (swir)

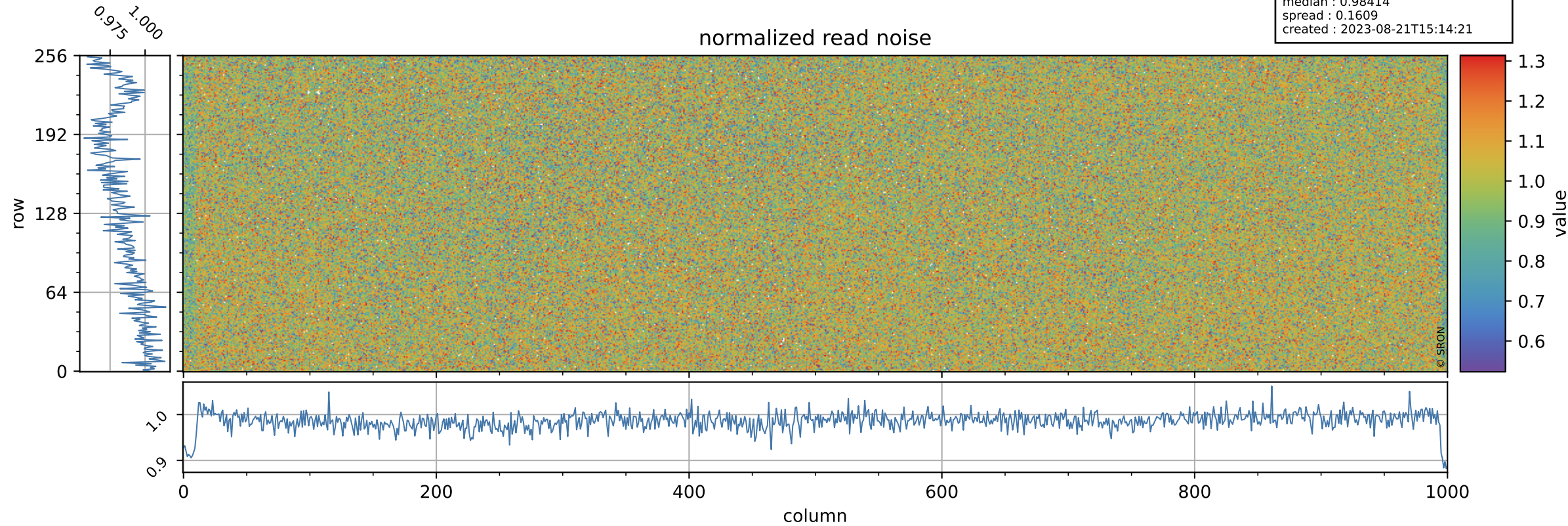
orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
median : 1.1289 e  
spread : 0.062767 e  
created : 2023-08-21T15:14:20





# Tropomi SWIR background noise (swir)

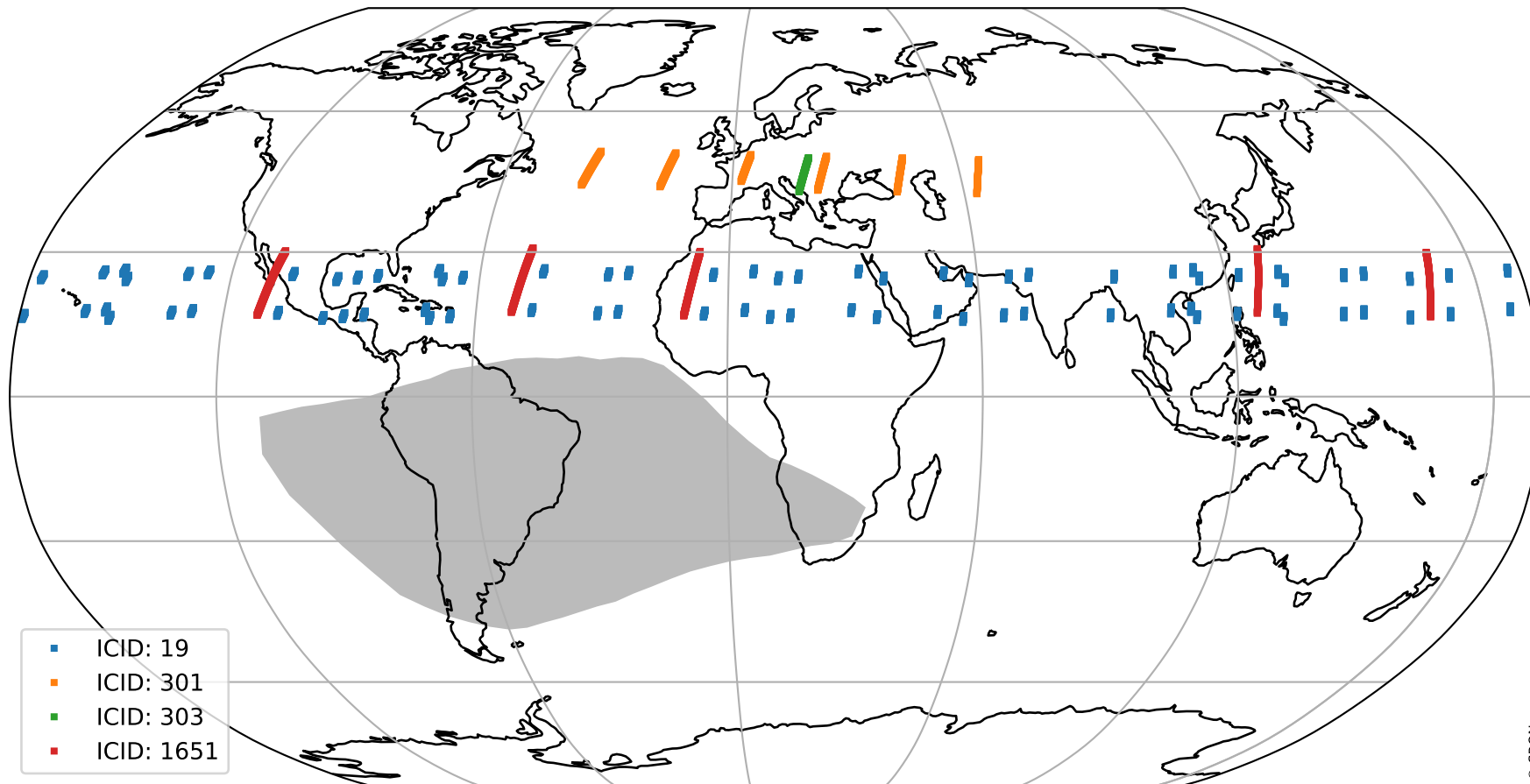
orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
median : 0.98414  
spread : 0.1609  
created : 2023-08-21T15:14:21





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

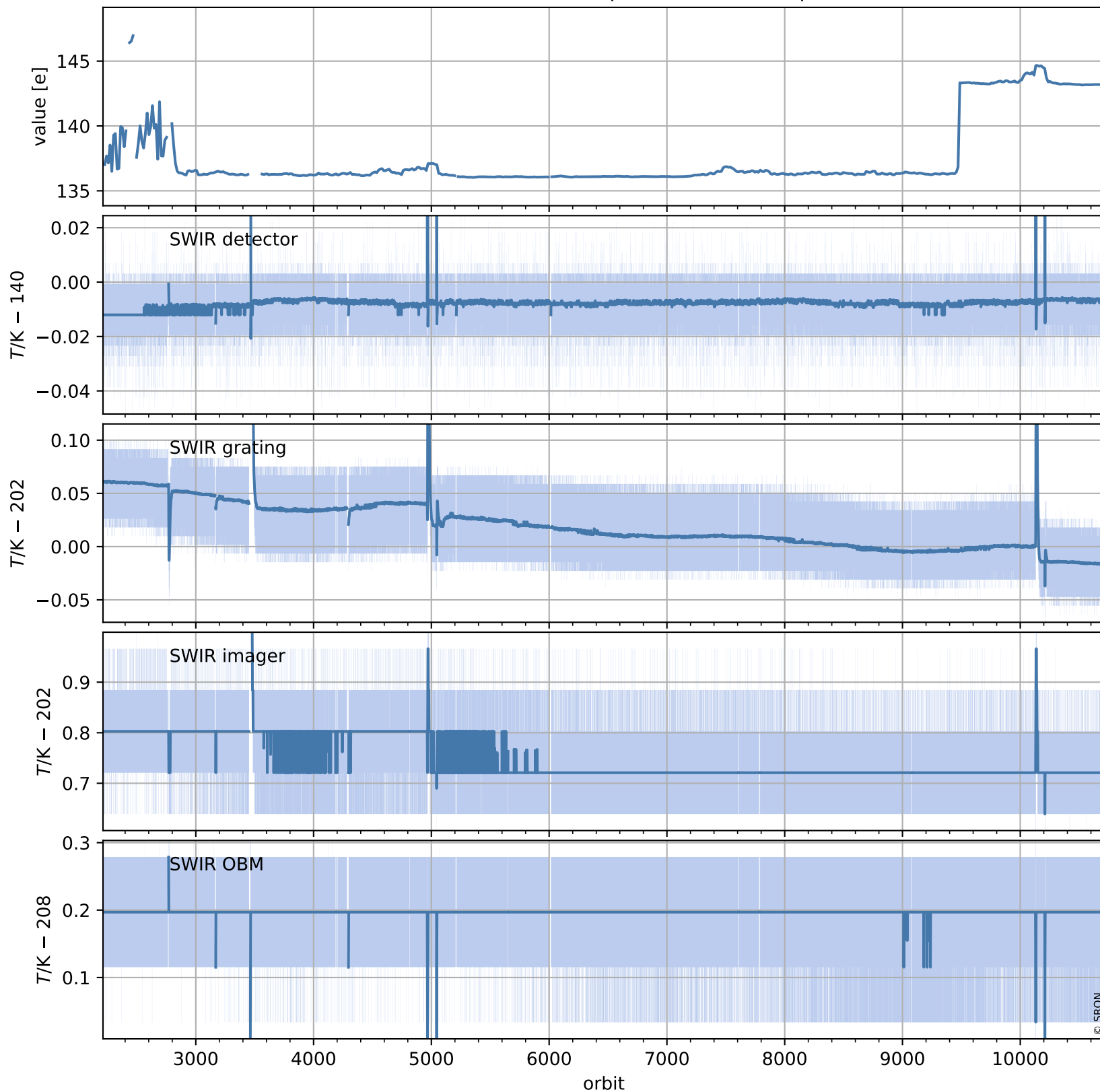
orbits : 12 in [10642, 10717]  
coverage : 2019-11-01 / 2019-11-07  
created : 2023-08-21T15:14:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 10717]  
coverage : 2018-03-18 / 2019-11-07  
created : 2023-08-21T15:14:22

## trend of detector median of plain noise & temperatures

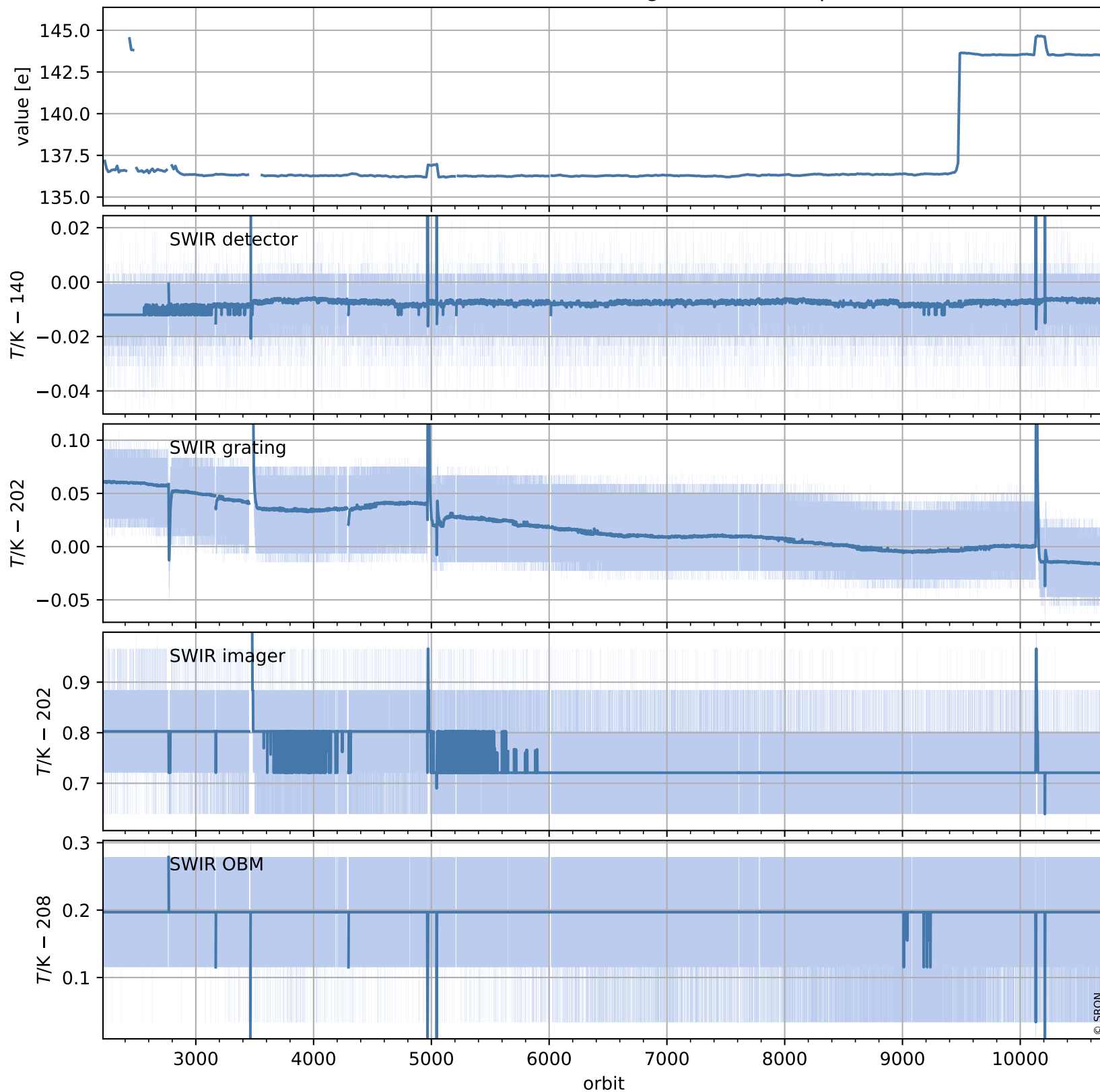




# Tropomi SWIR background noise (swir)

orbits : [2212, 10717]  
coverage : 2018-03-18 / 2019-11-07  
created : 2023-08-21T15:14:22

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 10717]  
coverage : 2018-03-18 / 2019-11-07  
created : 2023-08-21T15:14:23

## trend of normalized read-noise & temperatures

