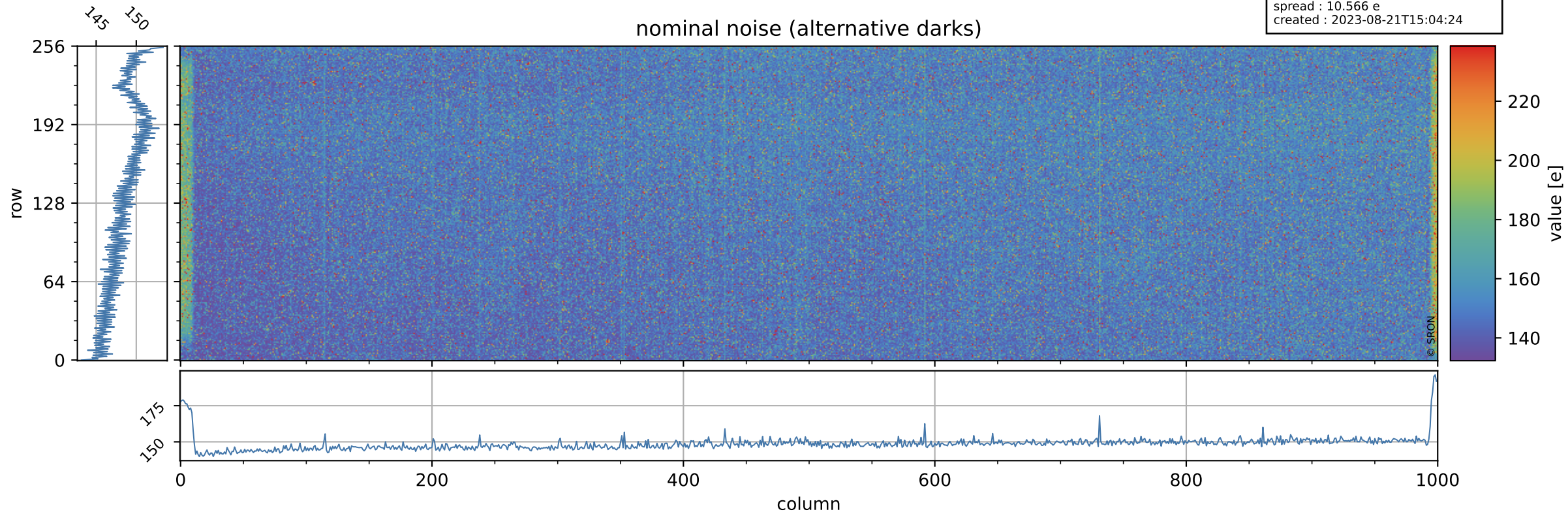


# Tropomi SWIR background noise (swir)

orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
n\_coad, t\_exp : 1, 1.0783  
median : 148.39 e  
spread : 10.566 e  
created : 2023-08-21T15:04:24

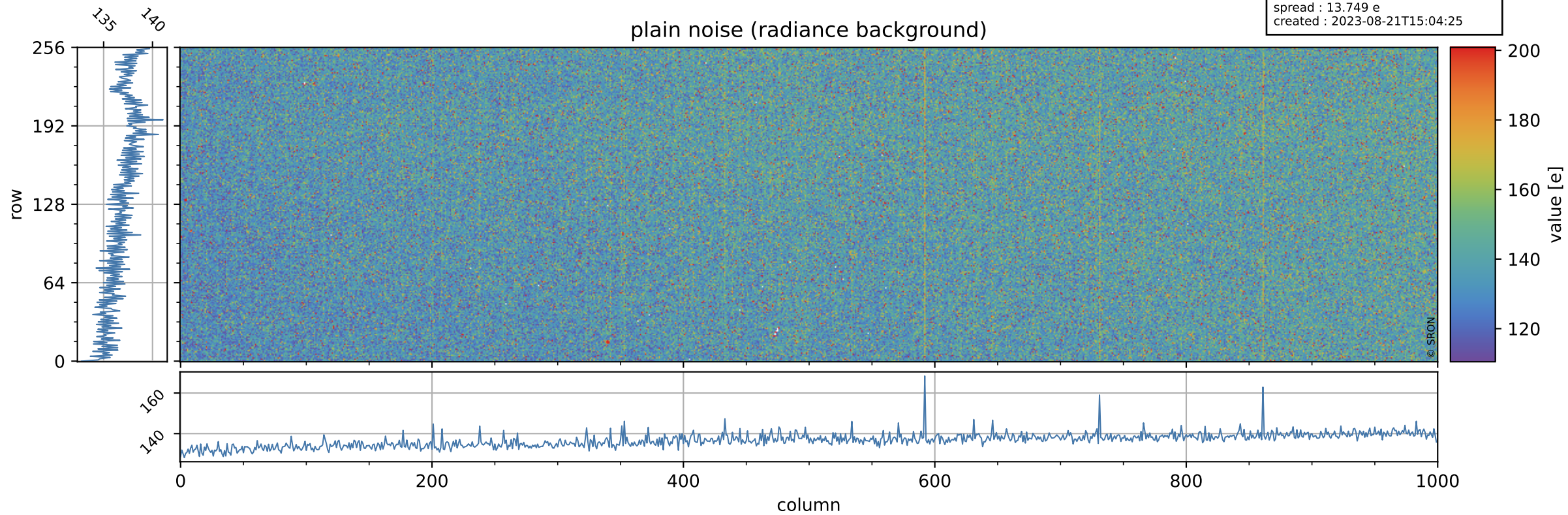
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
n\_coad, t\_exp : 2, 0.5383  
median : 136.7 e  
spread : 13.749 e  
created : 2023-08-21T15:04:25

plain noise (radiance background)

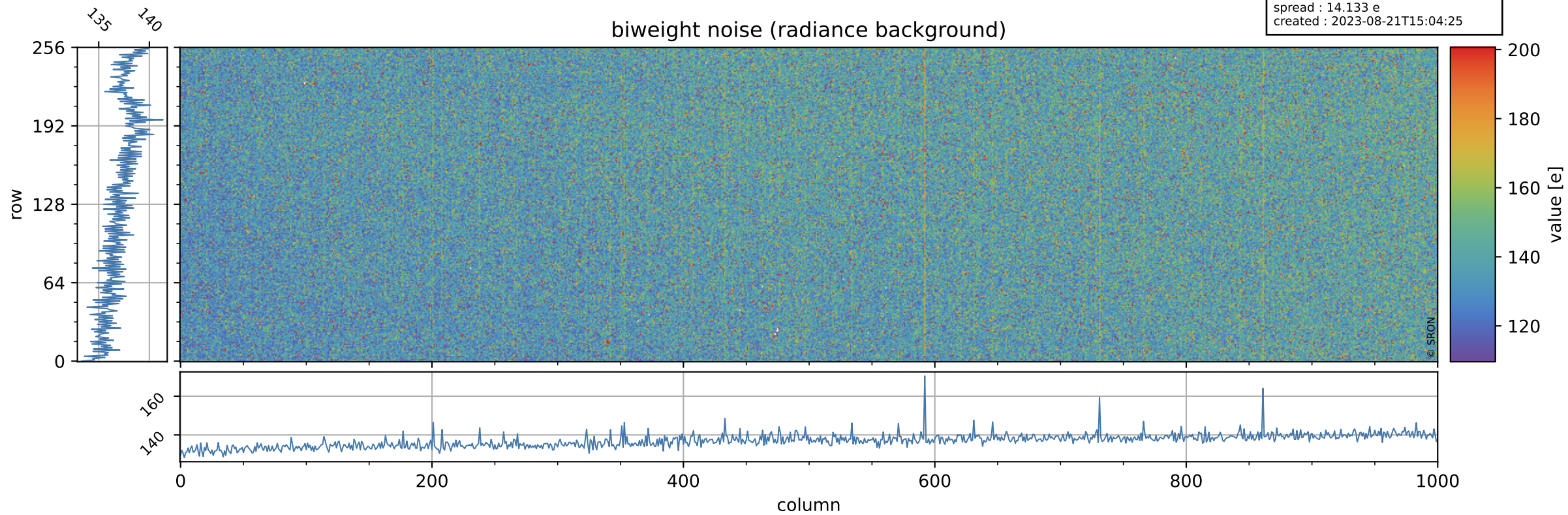




# Tropomi SWIR background noise (swir)

orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
n\_coad, t\_exp : 2, 0.5383  
median : 136.94 e  
spread : 14.133 e  
created : 2023-08-21T15:04:25

## biweight noise (radiance background)

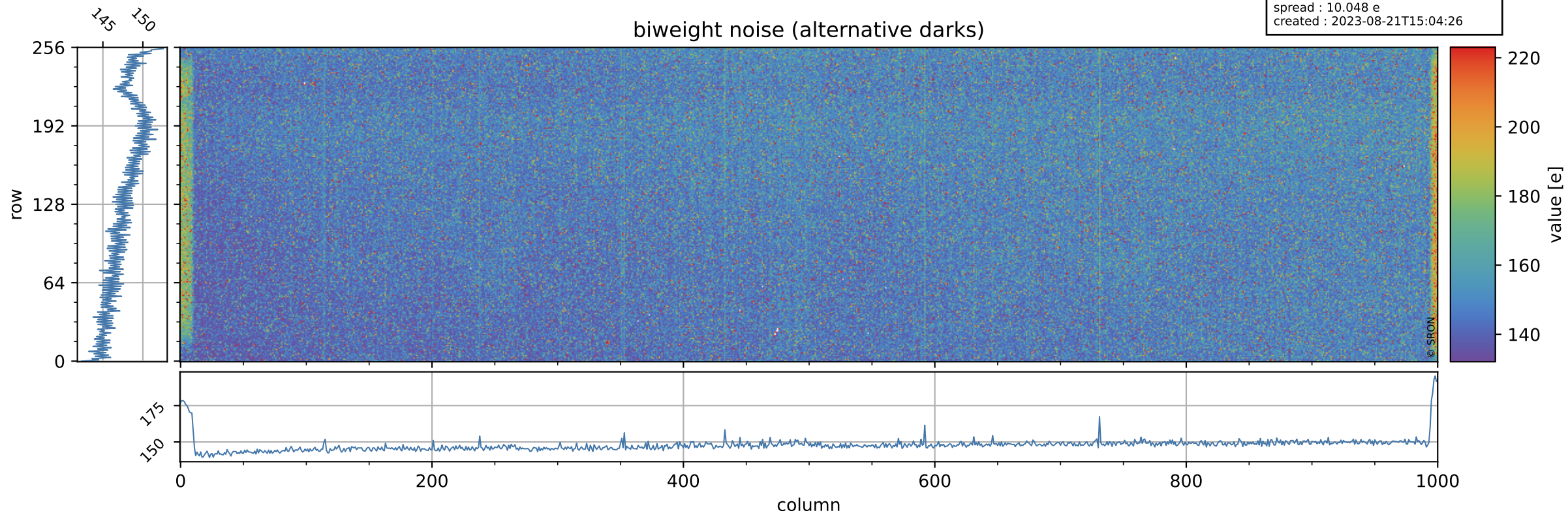




# Tropomi SWIR background noise (swir)

orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
n\_coad, t\_exp : 1, 1.0783  
median : 147.61 e  
spread : 10.048 e  
created : 2023-08-21T15:04:26

## biweight noise (alternative darks)

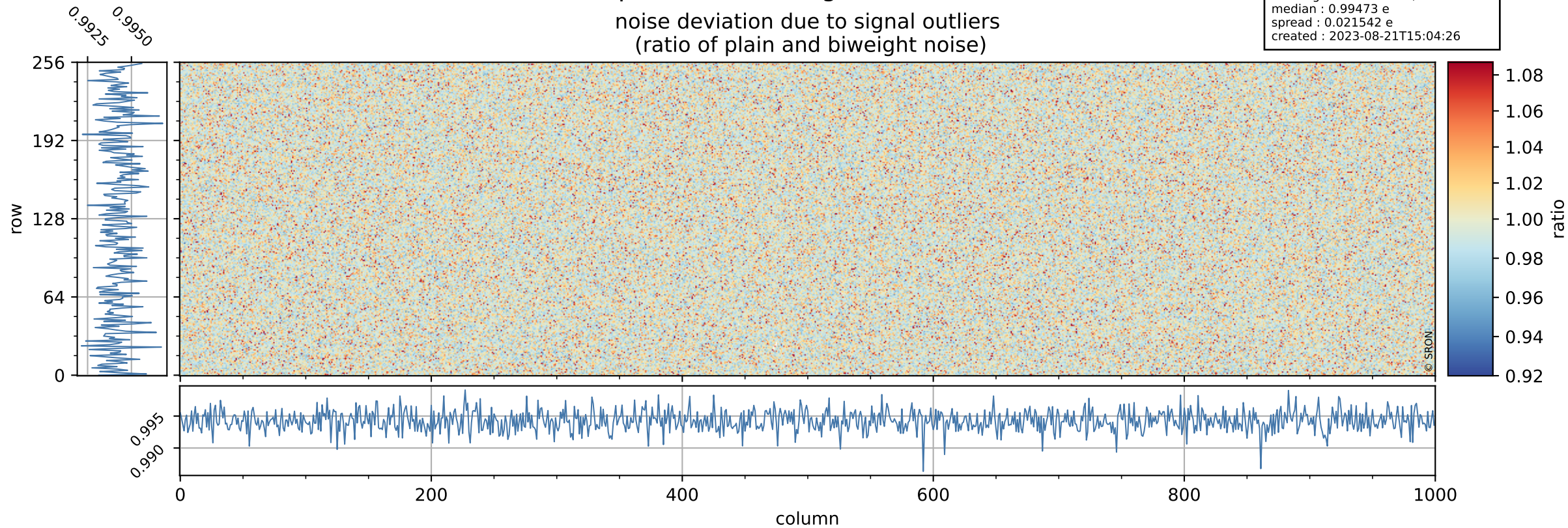




# Tropomi SWIR background noise (swir)

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

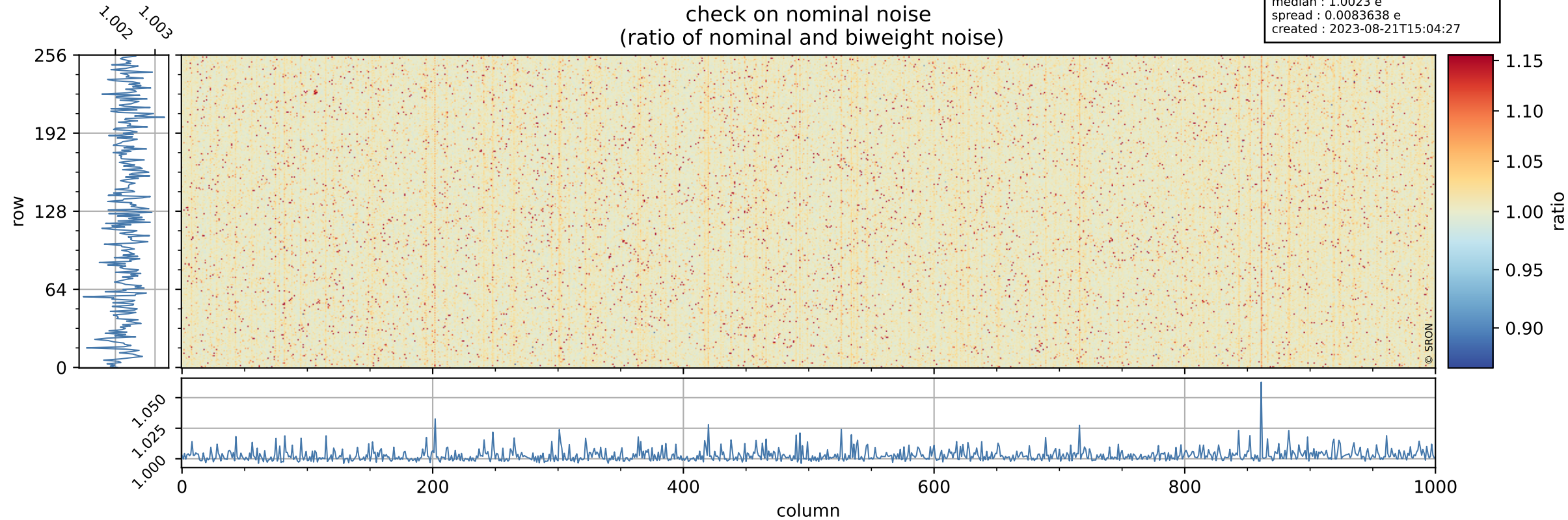
orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
median : 0.99473 e  
spread : 0.021542 e  
created : 2023-08-21T15:04:26



# Tropomi SWIR background noise (swir)

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

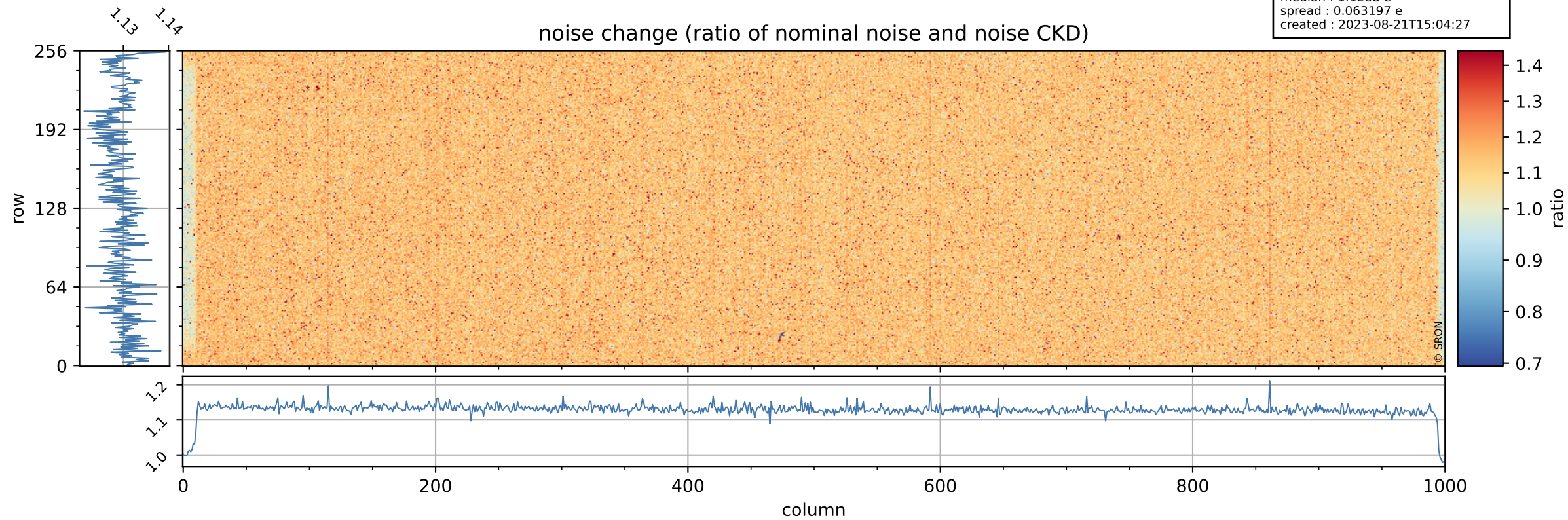
orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
median : 1.0023 e  
spread : 0.0083638 e  
created : 2023-08-21T15:04:27





# Tropomi SWIR background noise (swir)

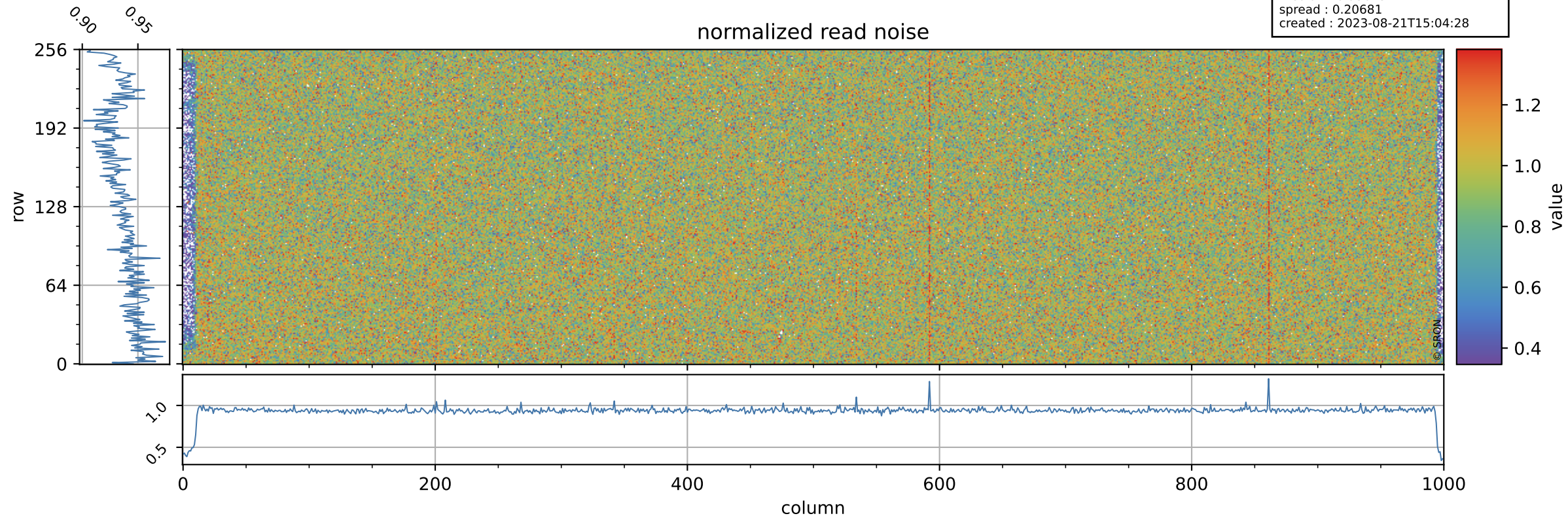
orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
median : 1.1288 e  
spread : 0.063197 e  
created : 2023-08-21T15:04:27





# Tropomi SWIR background noise (swir)

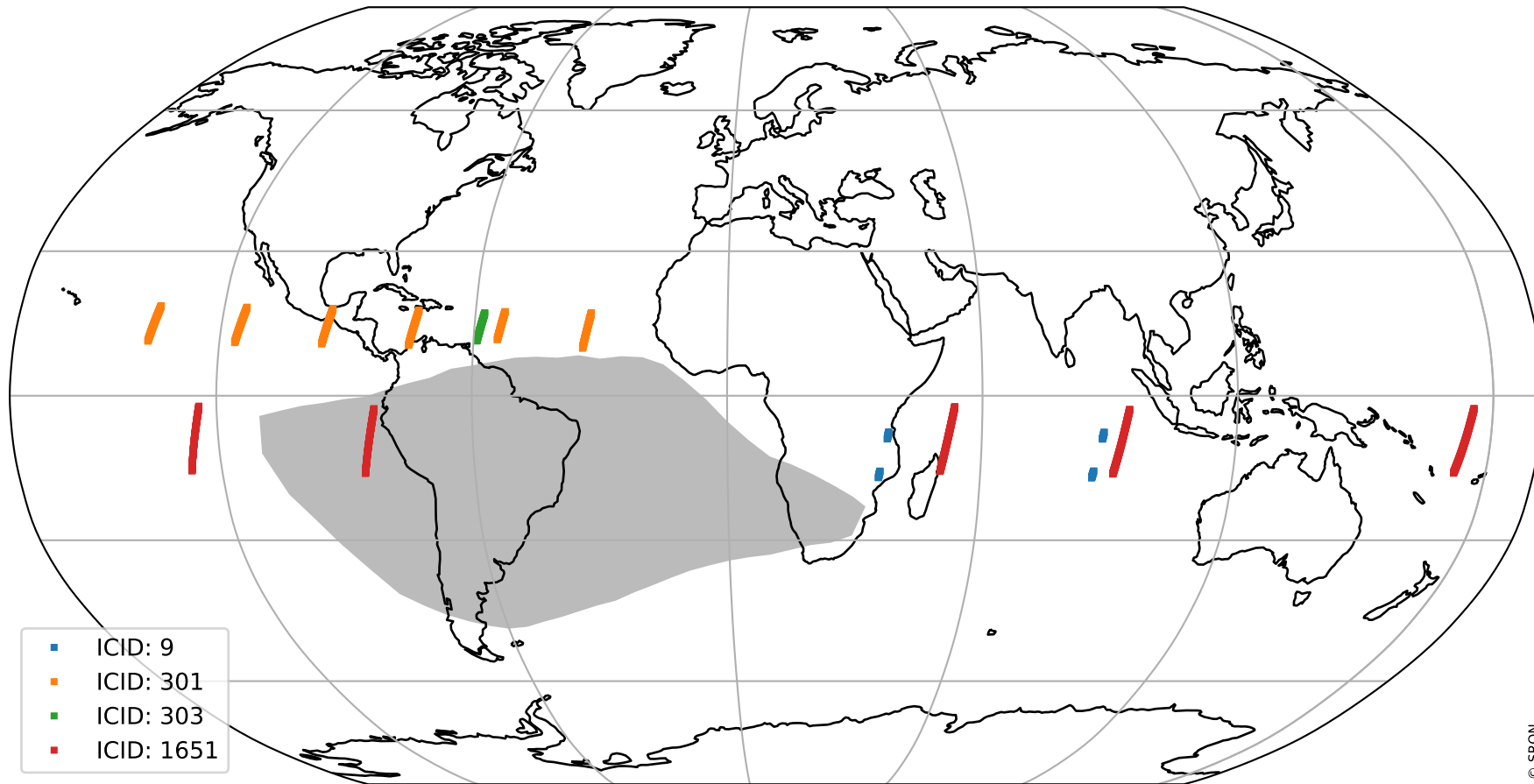
orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
median : 0.93643  
spread : 0.20681  
created : 2023-08-21T15:04:28





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

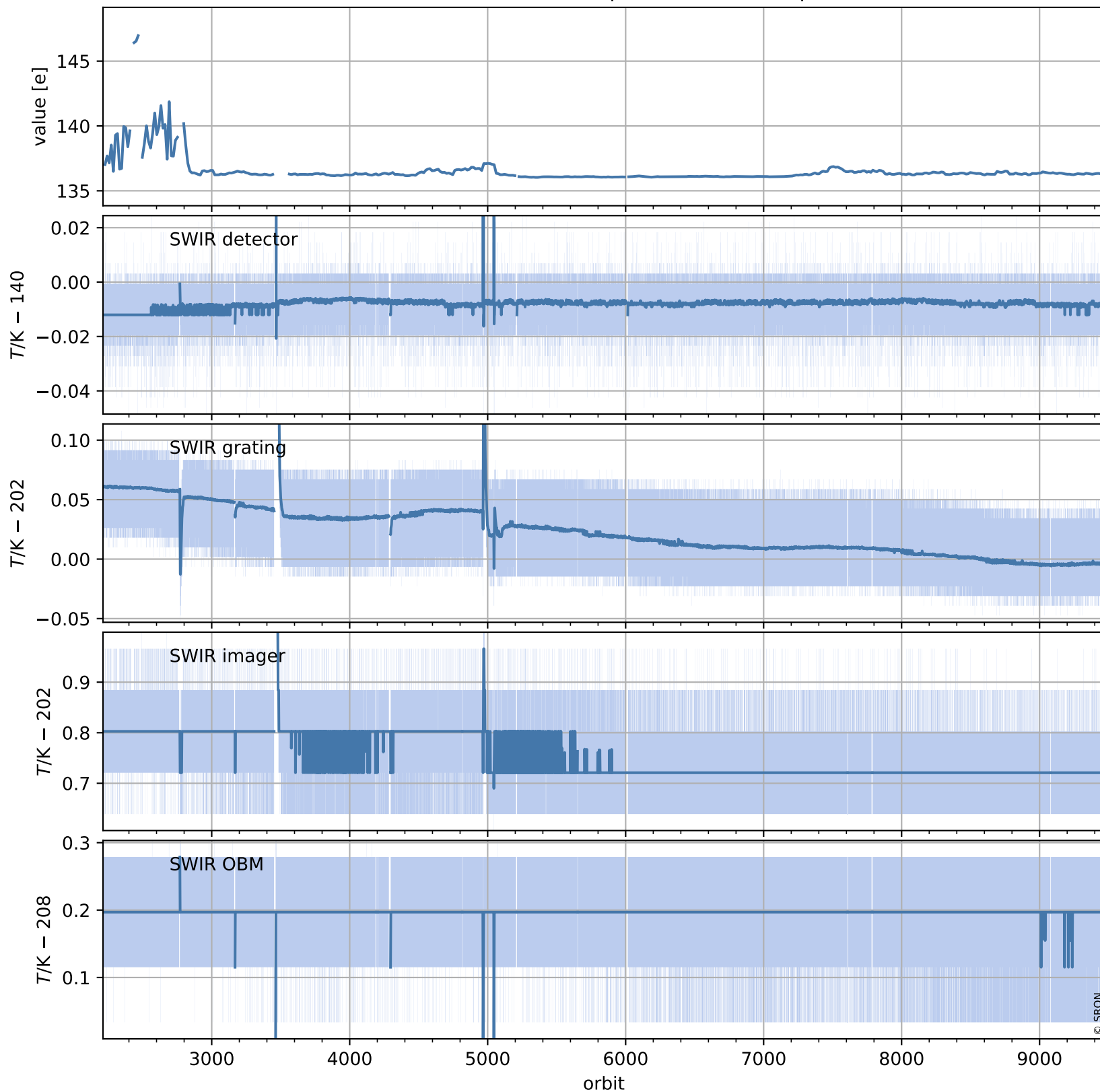
orbits : 12 in [9397, 9472]  
coverage : 2019-08-06 / 2019-08-11  
created : 2023-08-21T15:04:28



# Tropomi SWIR background noise (swir)

orbits : [2212, 9472]  
coverage : 2018-03-18 / 2019-08-11  
created : 2023-08-21T15:04:28

## trend of detector median of plain noise & temperatures

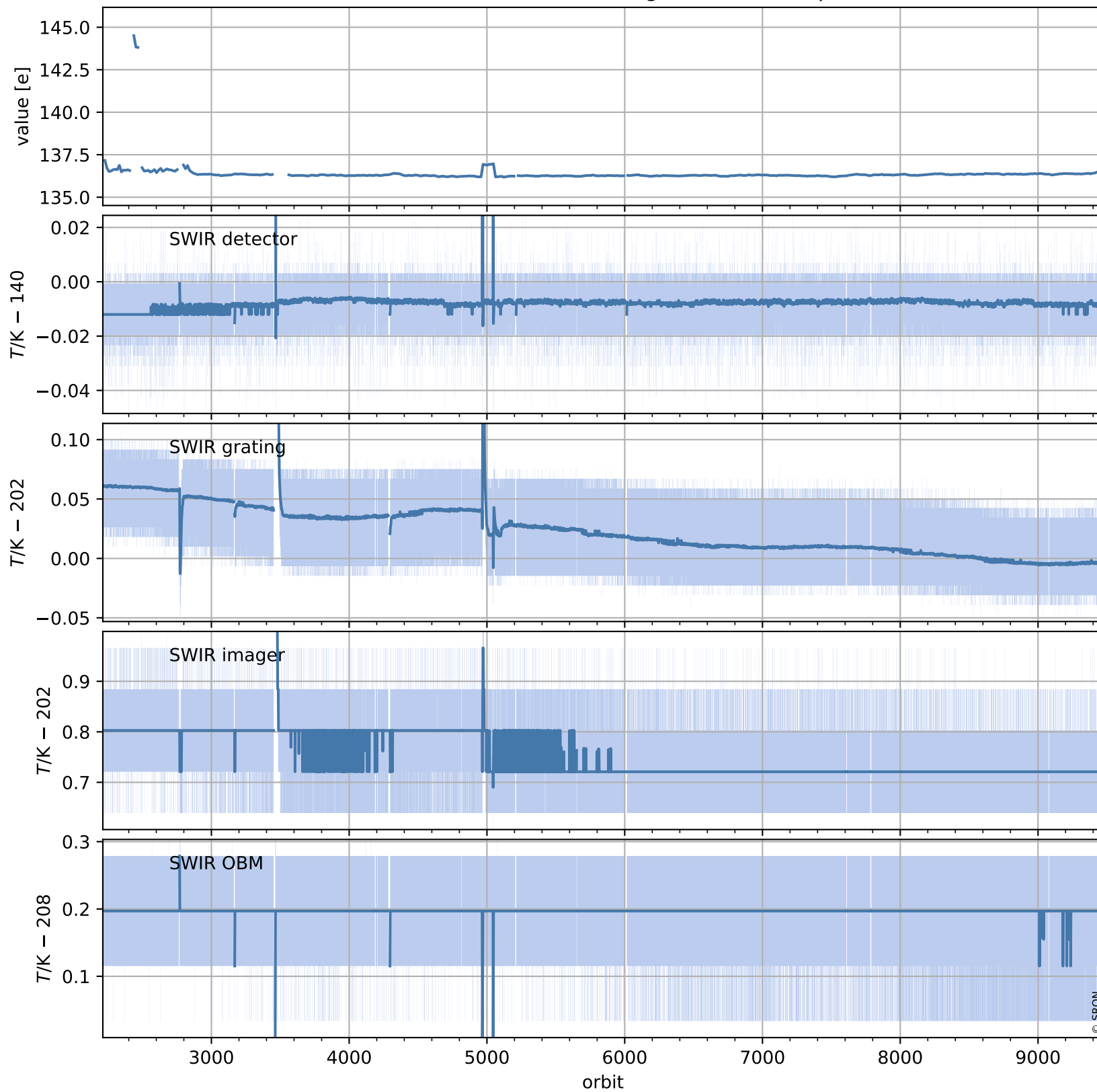




# Tropomi SWIR background noise (swir)

orbits : [2212, 9472]  
coverage : 2018-03-18 / 2019-08-11  
created : 2023-08-21T15:04:29

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 9472]  
coverage : 2018-03-18 / 2019-08-11  
created : 2023-08-21T15:04:30

## trend of normalized read-noise & temperatures

