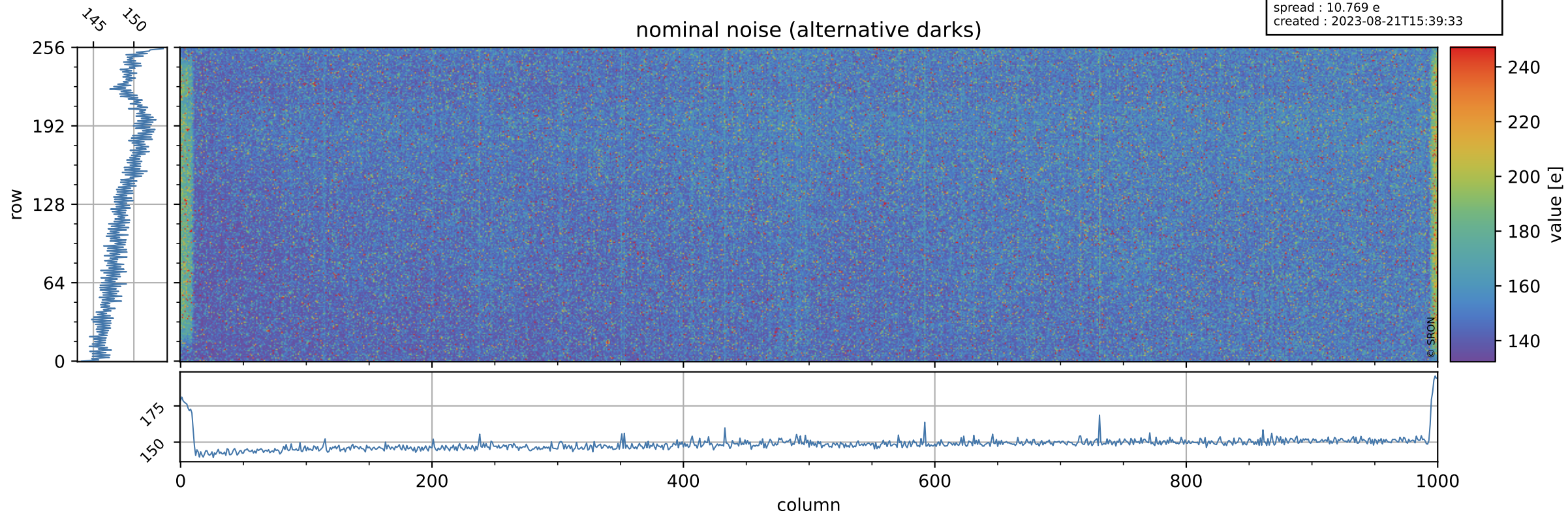


# Tropomi SWIR background noise (swir)

orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
n\_coad, t\_exp : 1, 1.0783  
median : 148.6 e  
spread : 10.769 e  
created : 2023-08-21T15:39:33

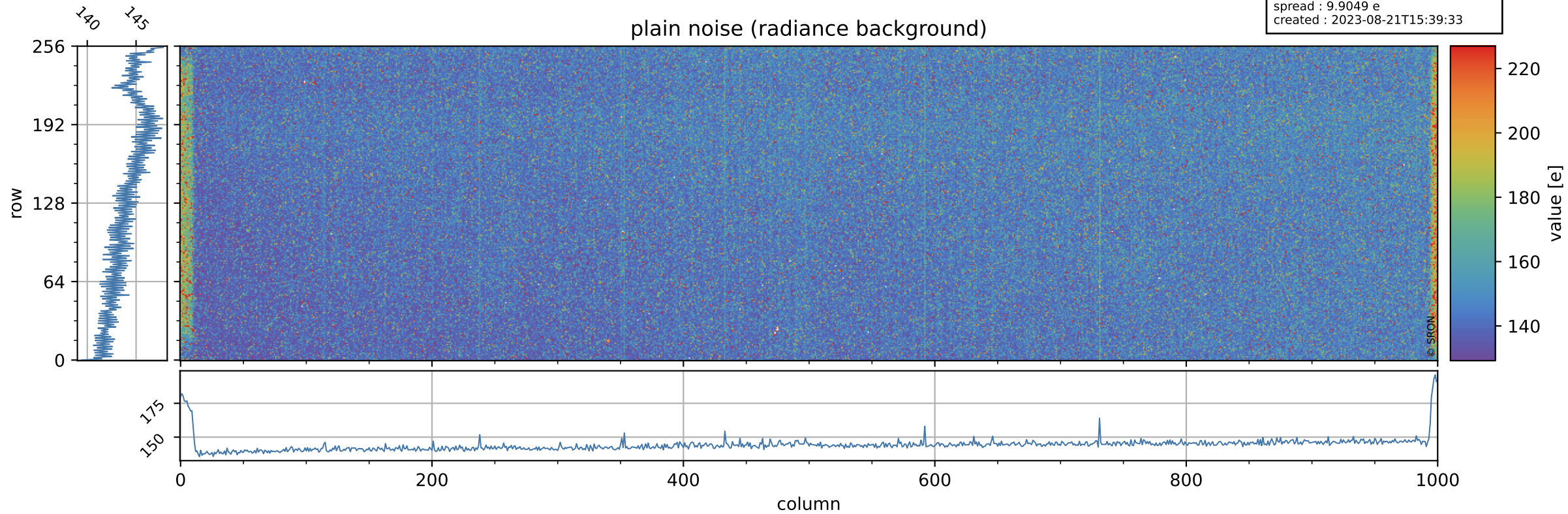
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.97 e  
spread : 9.9049 e  
created : 2023-08-21T15:39:33

plain noise (radiance background)

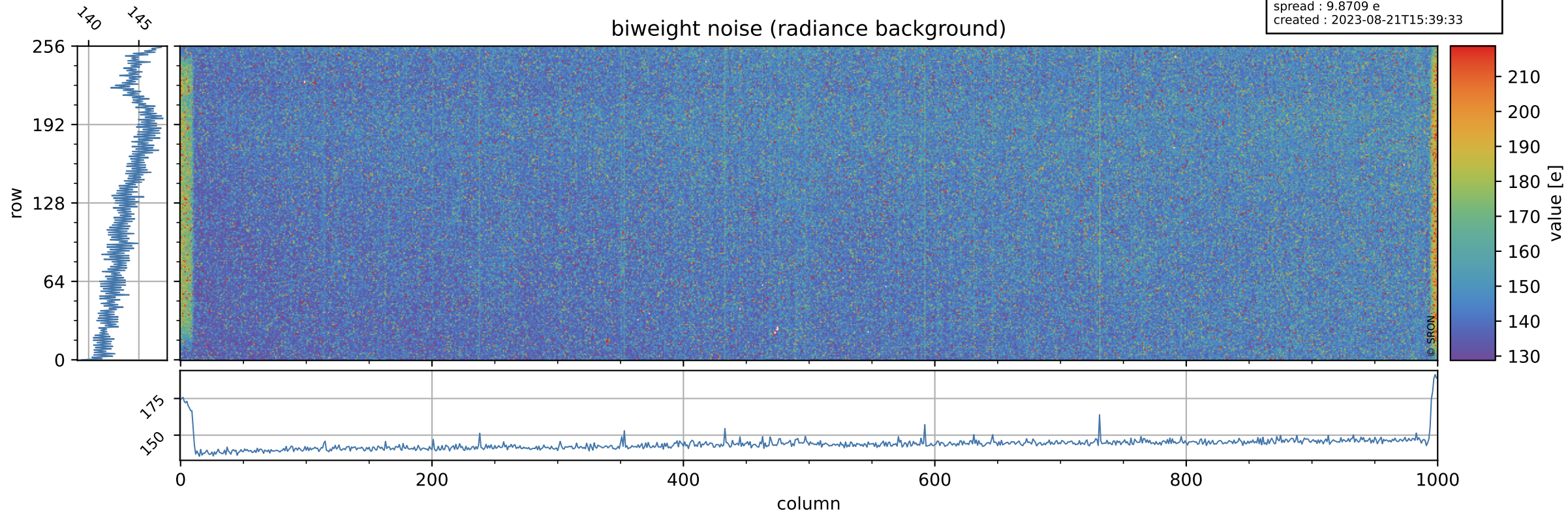




# Tropomi SWIR background noise (swir)

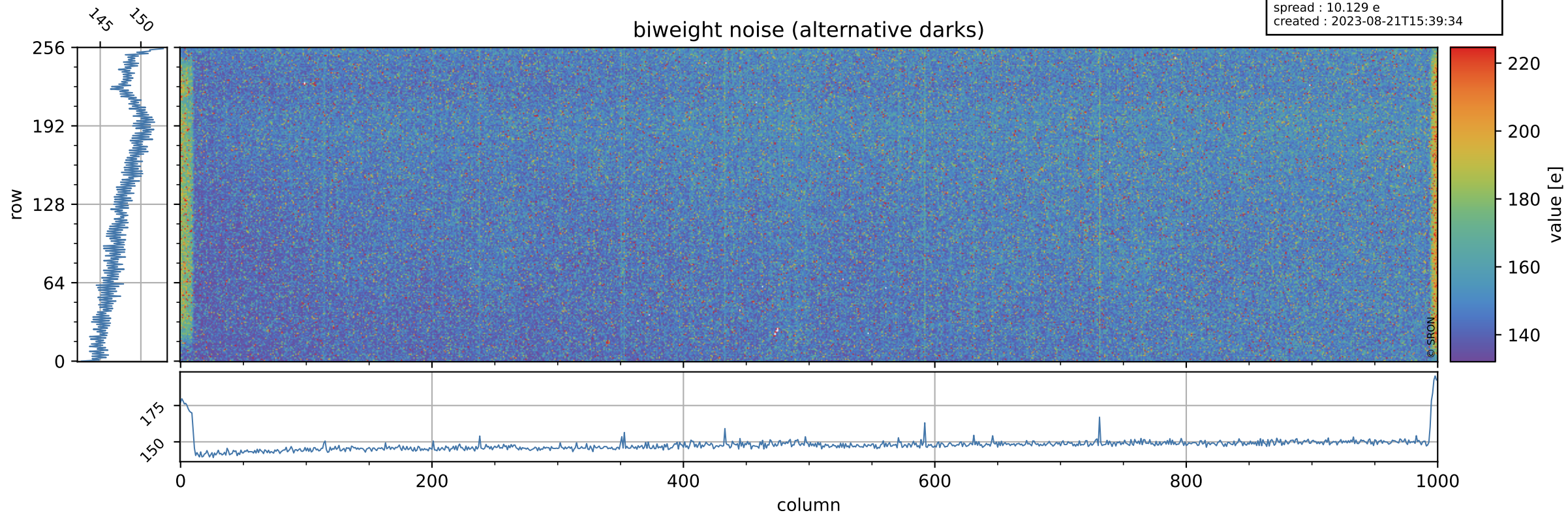
orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.8709 e  
created : 2023-08-21T15:39:33

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
n\_coad, t\_exp : 1, 1.0783  
median : 147.66 e  
spread : 10.129 e  
created : 2023-08-21T15:39:34

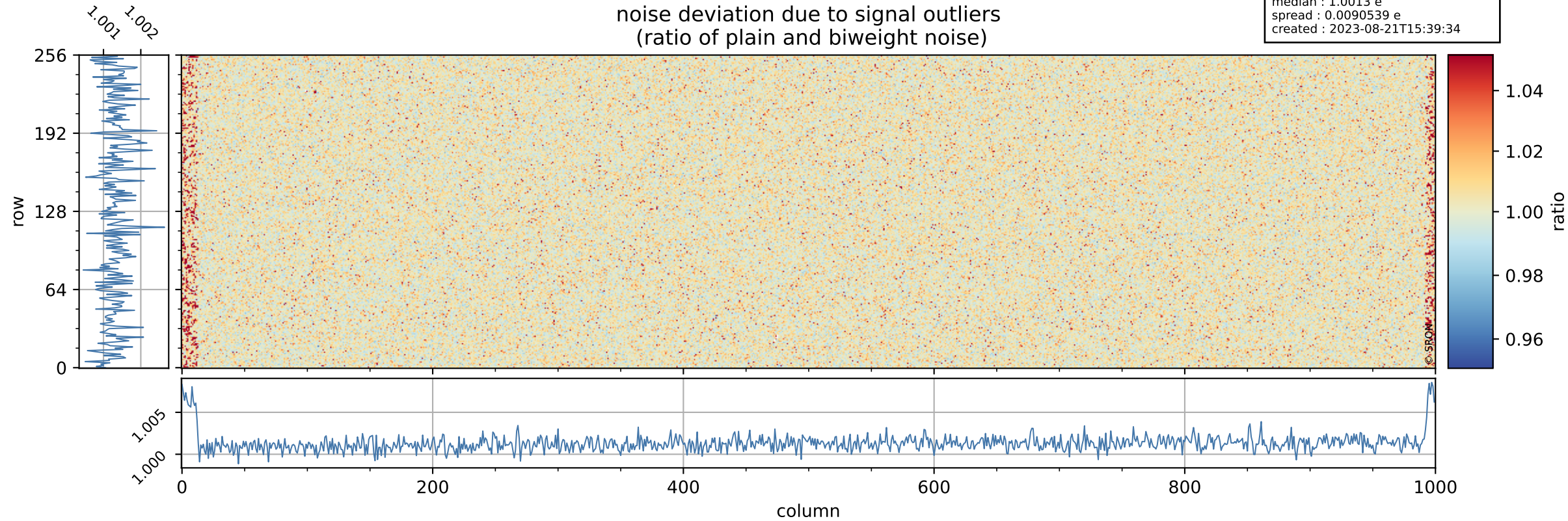




# Tropomi SWIR background noise (swir)

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

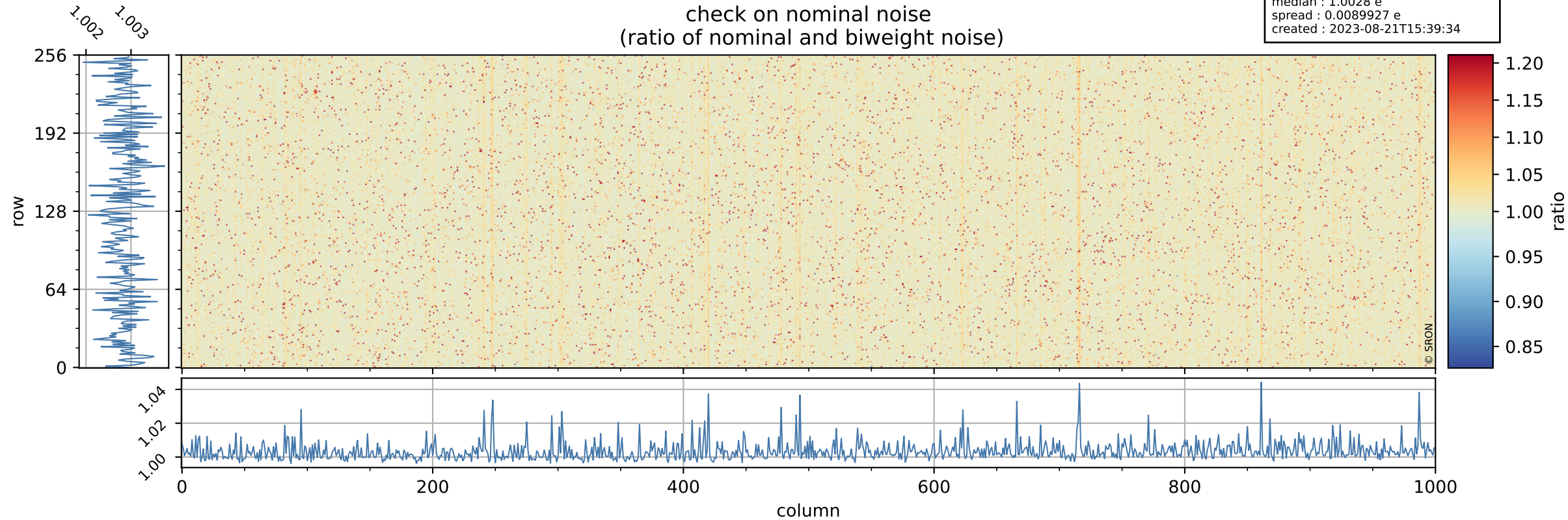
orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
median : 1.0013 e  
spread : 0.0090539 e  
created : 2023-08-21T15:39:34



# Tropomi SWIR background noise (swir)

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

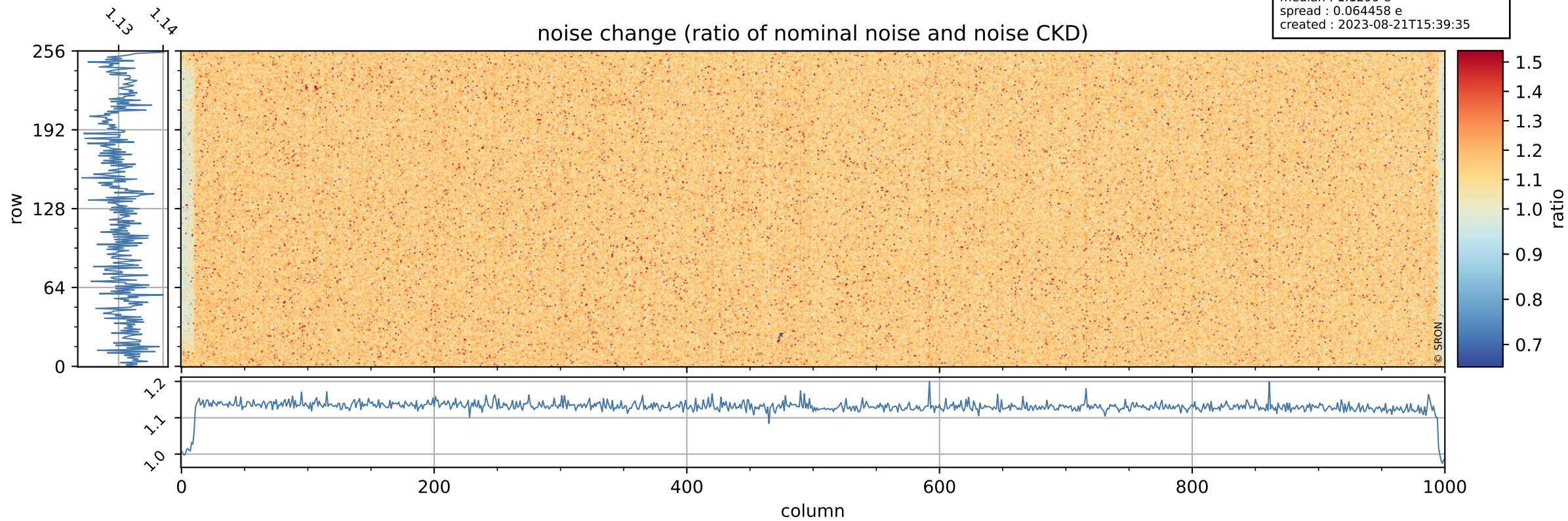
orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
median : 1.0028 e  
spread : 0.0089927 e  
created : 2023-08-21T15:39:34





# Tropomi SWIR background noise (swir)

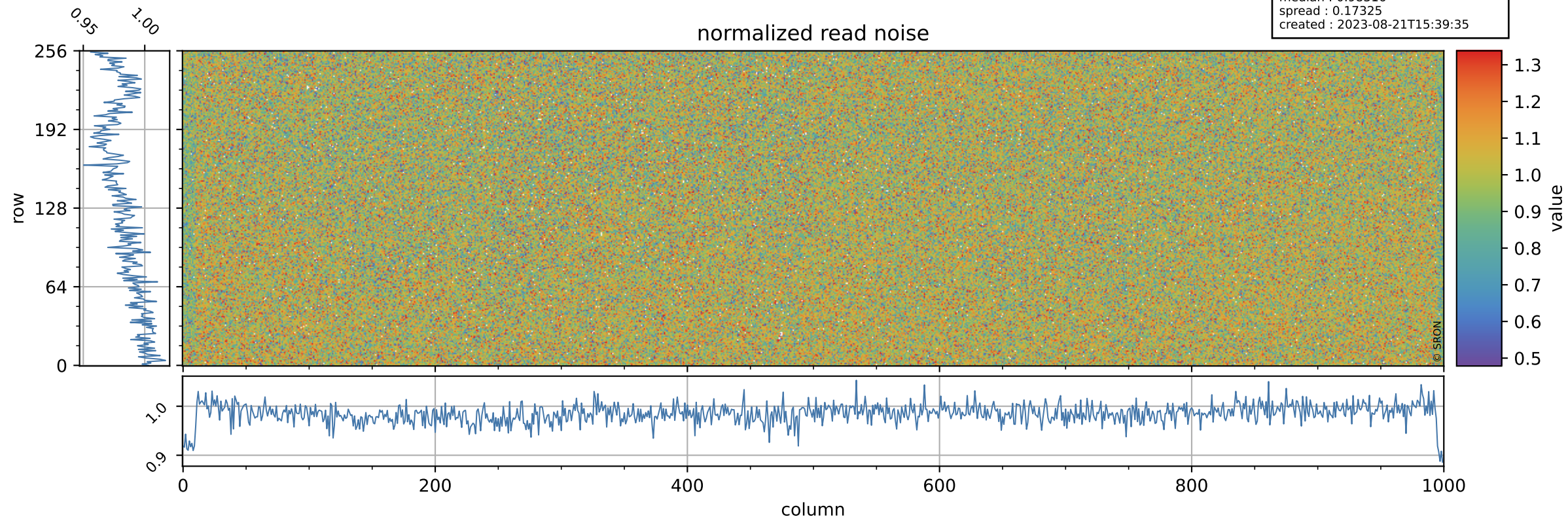
orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
median : 1.1299 e  
spread : 0.064458 e  
created : 2023-08-21T15:39:35





# Tropomi SWIR background noise (swir)

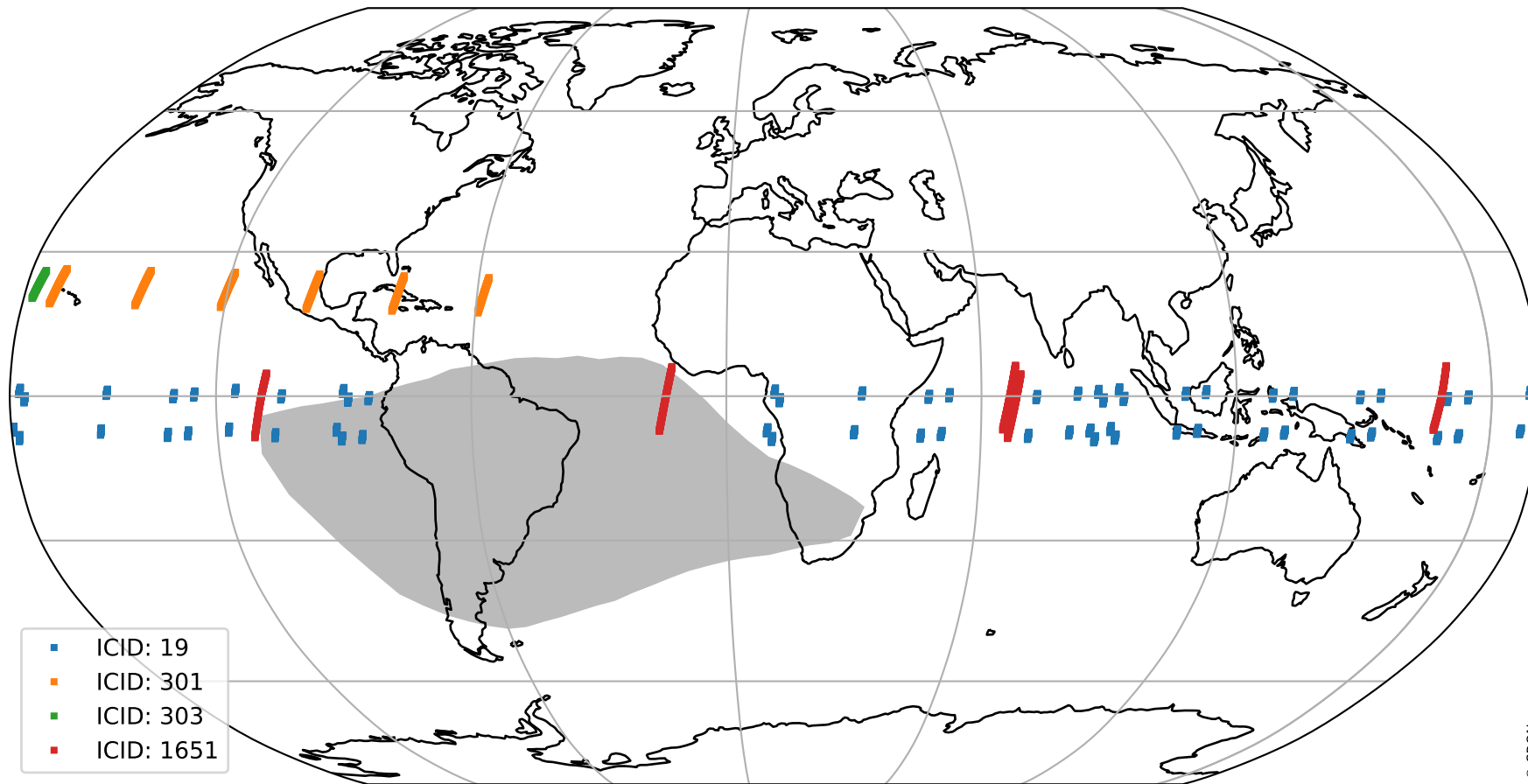
orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
median : 0.98316  
spread : 0.17325  
created : 2023-08-21T15:39:35





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

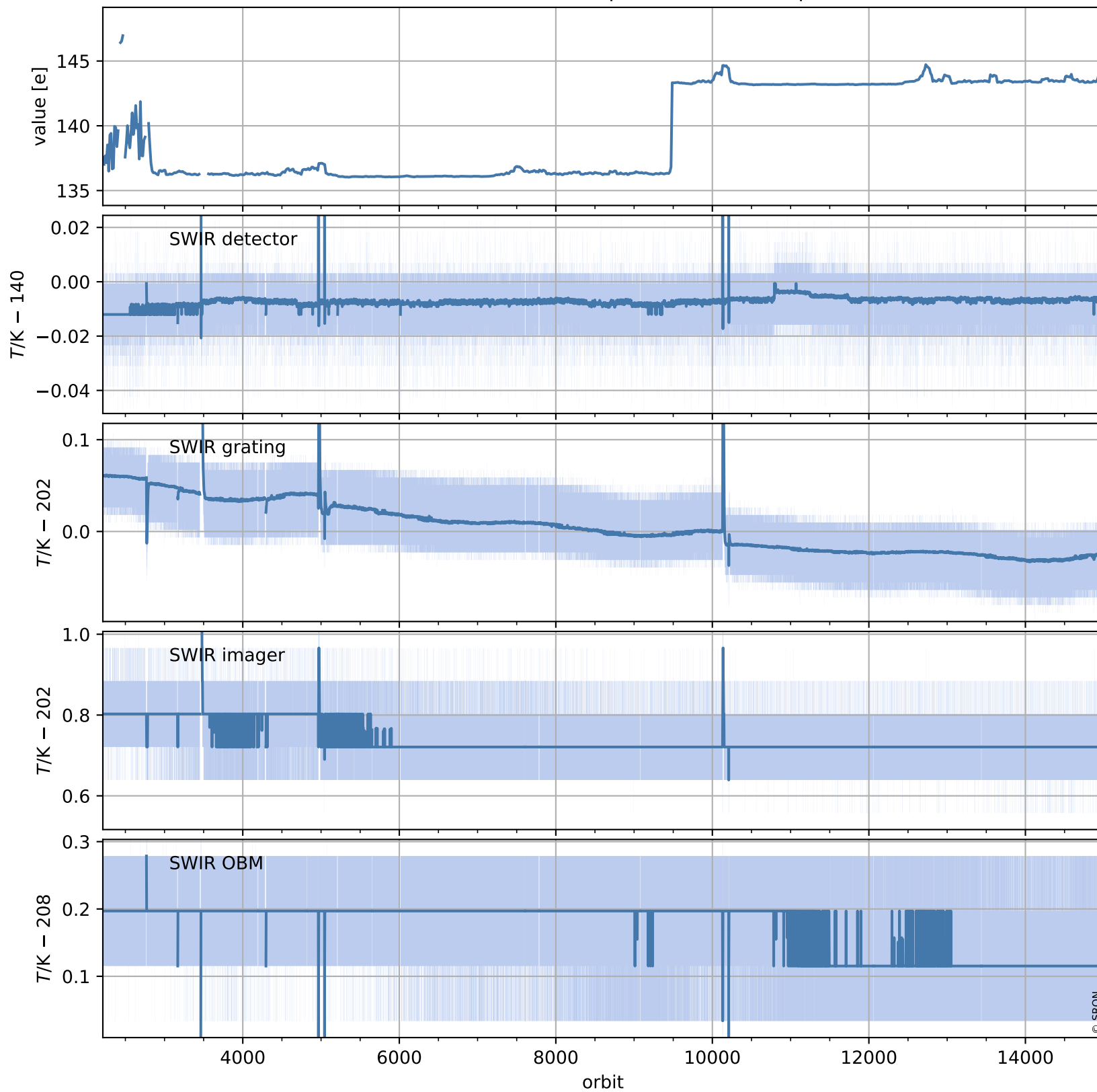
orbits : 12 in [14902, 14992]  
coverage : 2020-08-29 / 2020-09-03  
created : 2023-08-21T15:39:35



# Tropomi SWIR background noise (swir)

orbits : [2212, 14992]  
coverage : 2018-03-18 / 2020-09-03  
created : 2023-08-21T15:39:36

## trend of detector median of plain noise & temperatures

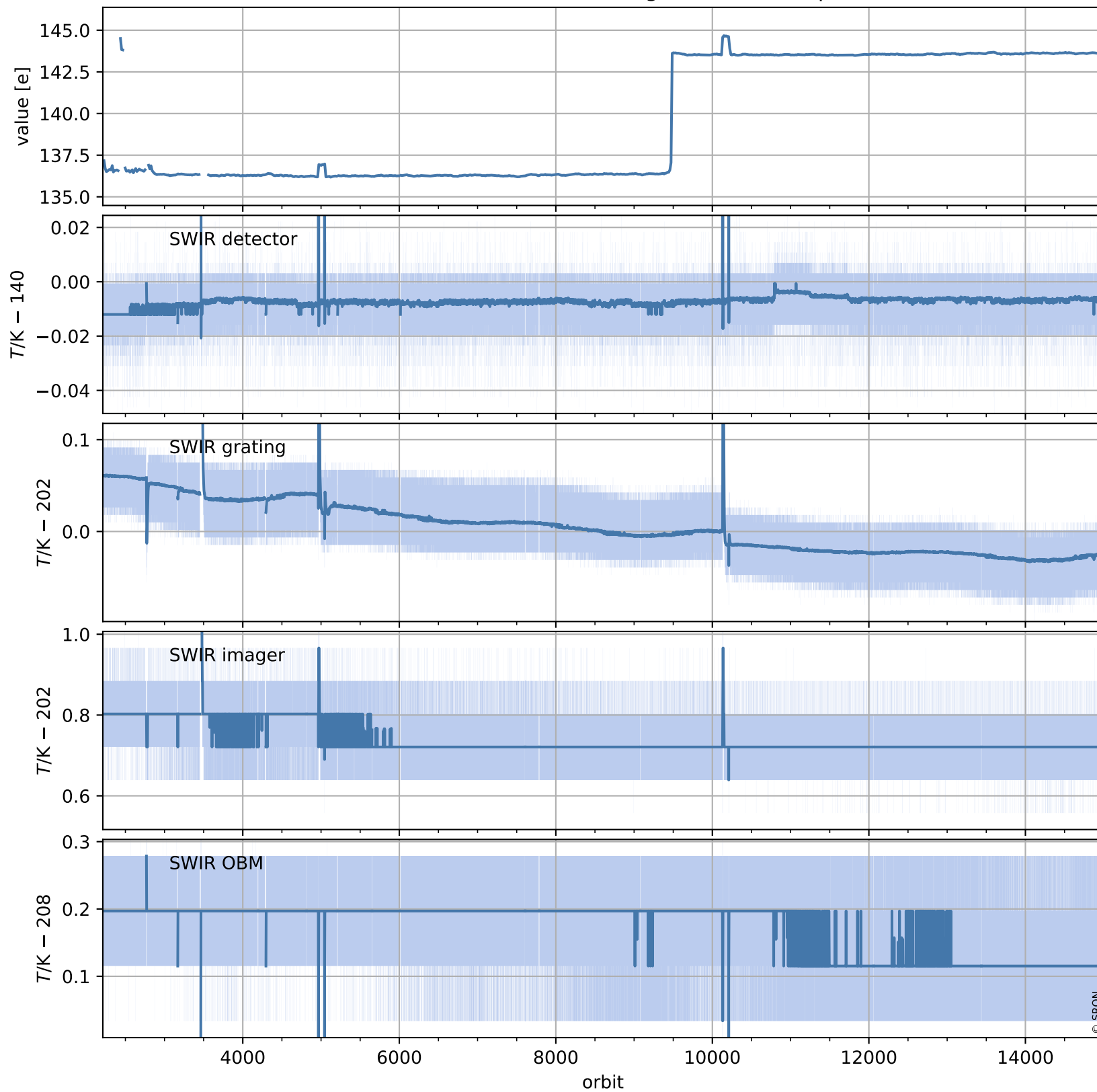




# Tropomi SWIR background noise (swir)

orbits : [2212, 14992]  
coverage : 2018-03-18 / 2020-09-03  
created : 2023-08-21T15:39:36

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14992]  
coverage : 2018-03-18 / 2020-09-03  
created : 2023-08-21T15:39:37

## trend of normalized read-noise & temperatures

