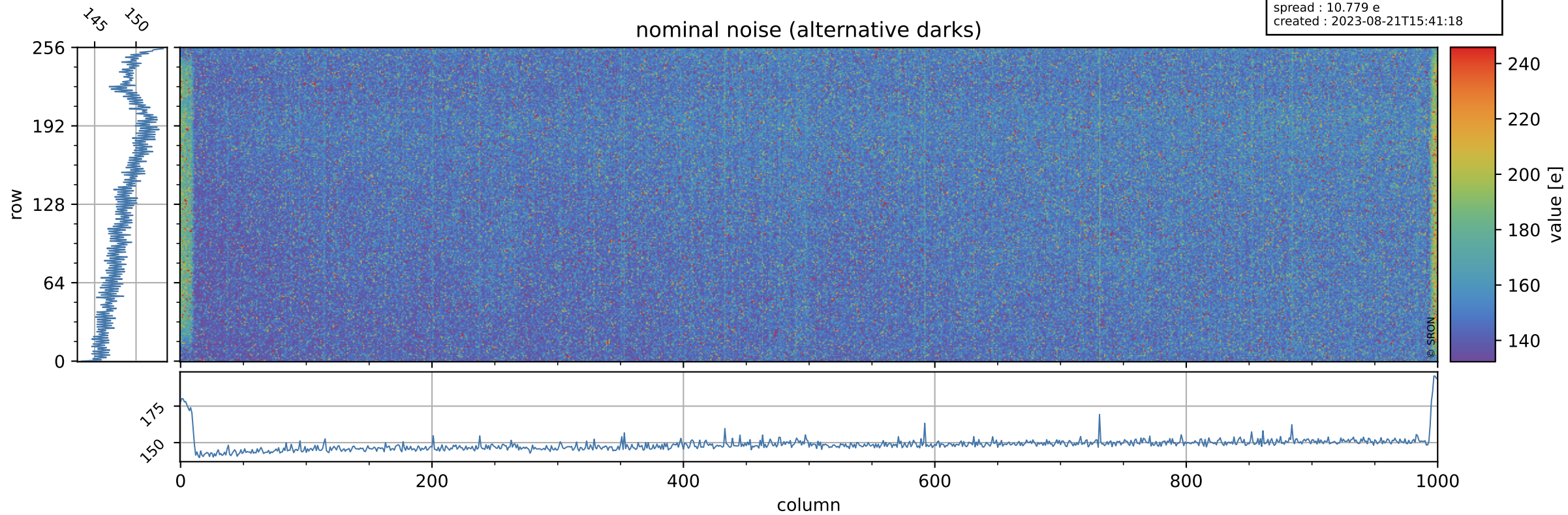


# Tropomi SWIR background noise (swir)

orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
n\_coad, t\_exp : 1, 1.0783  
median : 148.57 e  
spread : 10.779 e  
created : 2023-08-21T15:41:18

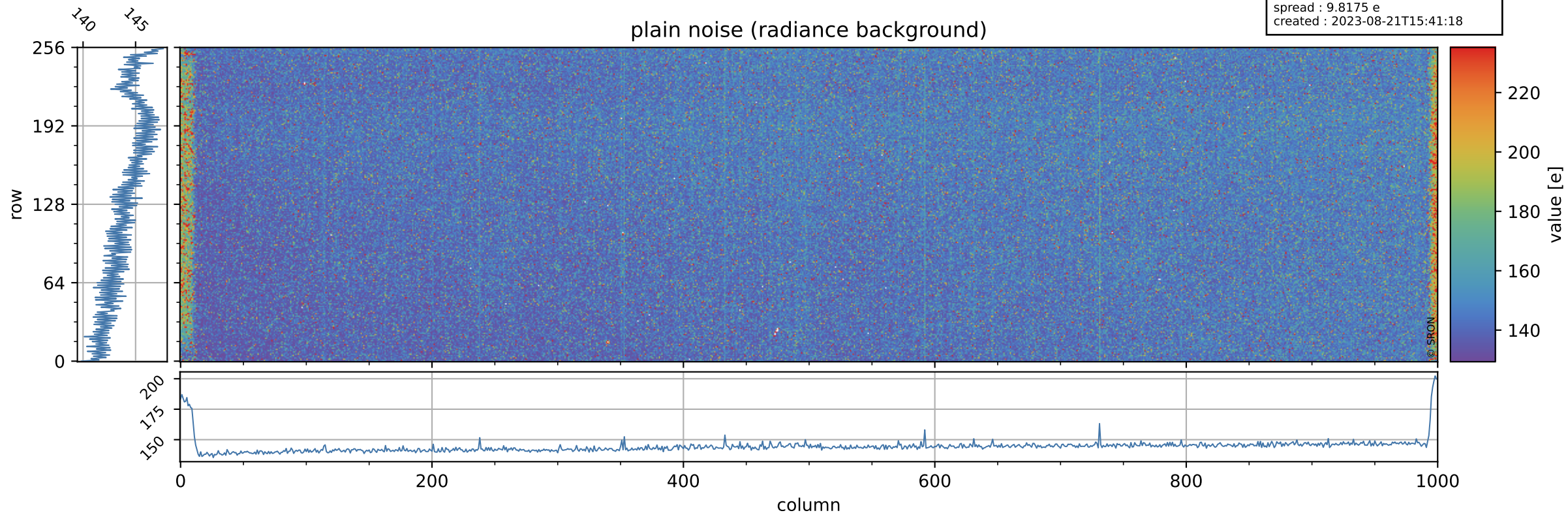
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.94 e  
spread : 9.8175 e  
created : 2023-08-21T15:41:18

## plain noise (radiance background)

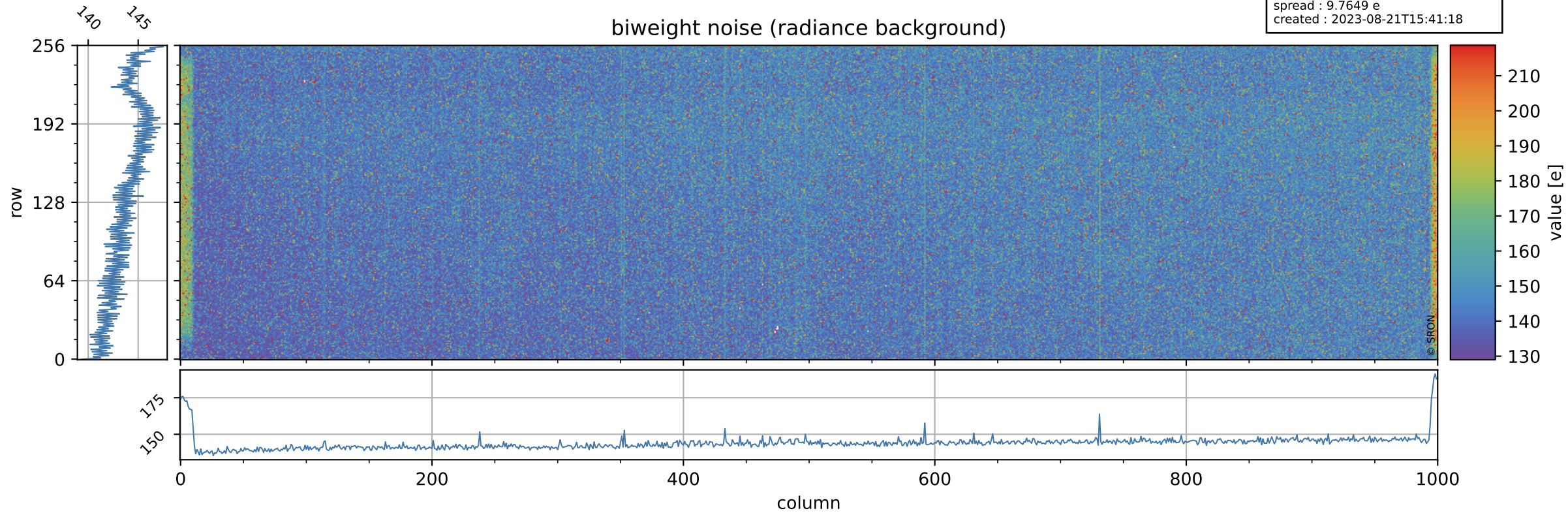




# Tropomi SWIR background noise (swir)

orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.7 e  
spread : 9.7649 e  
created : 2023-08-21T15:41:18

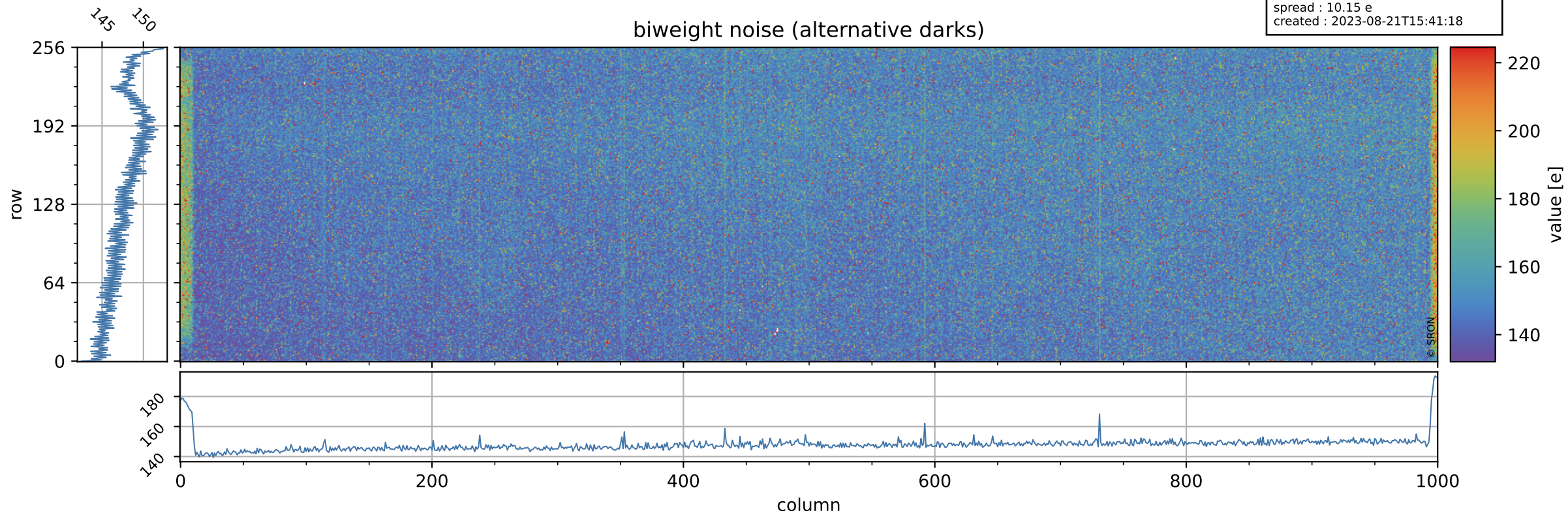
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
n\_coad, t\_exp : 1, 1.0783  
median : 147.63 e  
spread : 10.15 e  
created : 2023-08-21T15:41:18

## biweight noise (alternative darks)

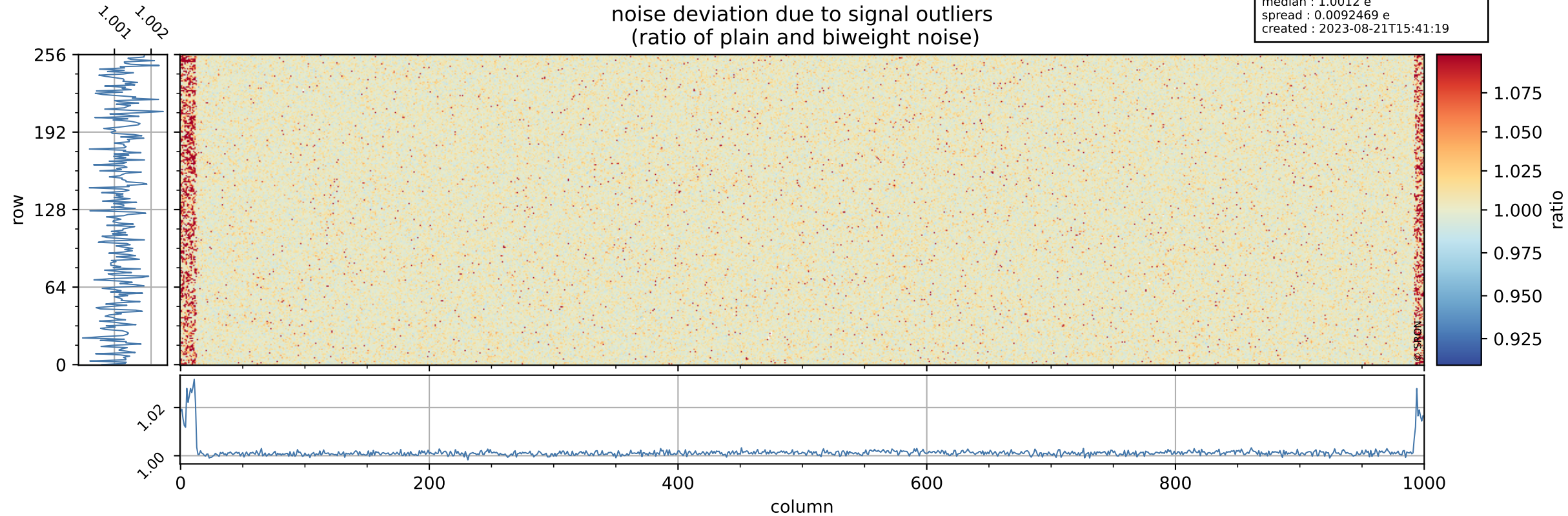




# Tropomi SWIR background noise (swir)

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

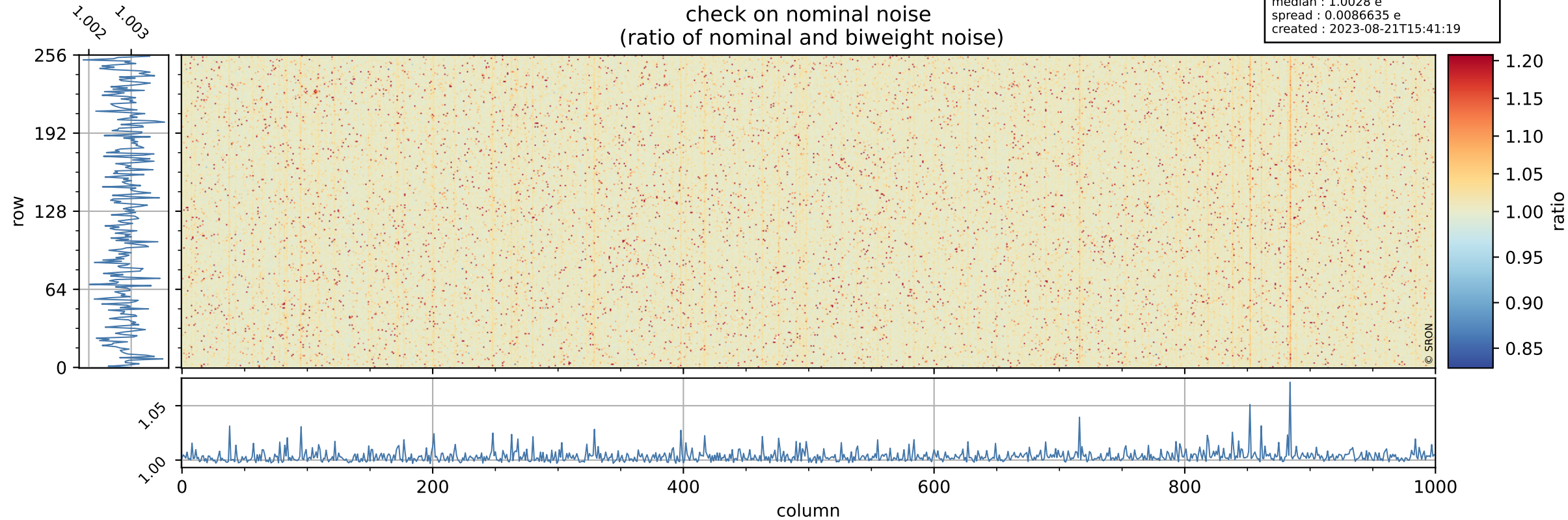
orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
median : 1.0012 e  
spread : 0.0092469 e  
created : 2023-08-21T15:41:19



# Tropomi SWIR background noise (swir)

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

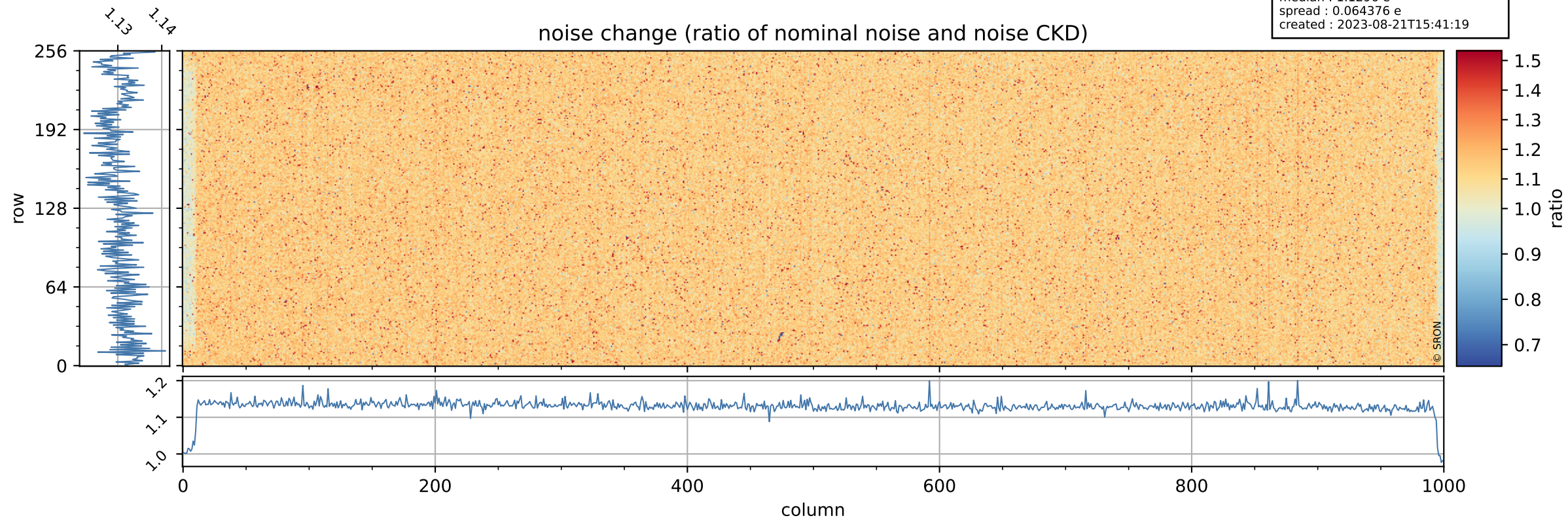
orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
median : 1.0028 e  
spread : 0.0086635 e  
created : 2023-08-21T15:41:19





# Tropomi SWIR background noise (swir)

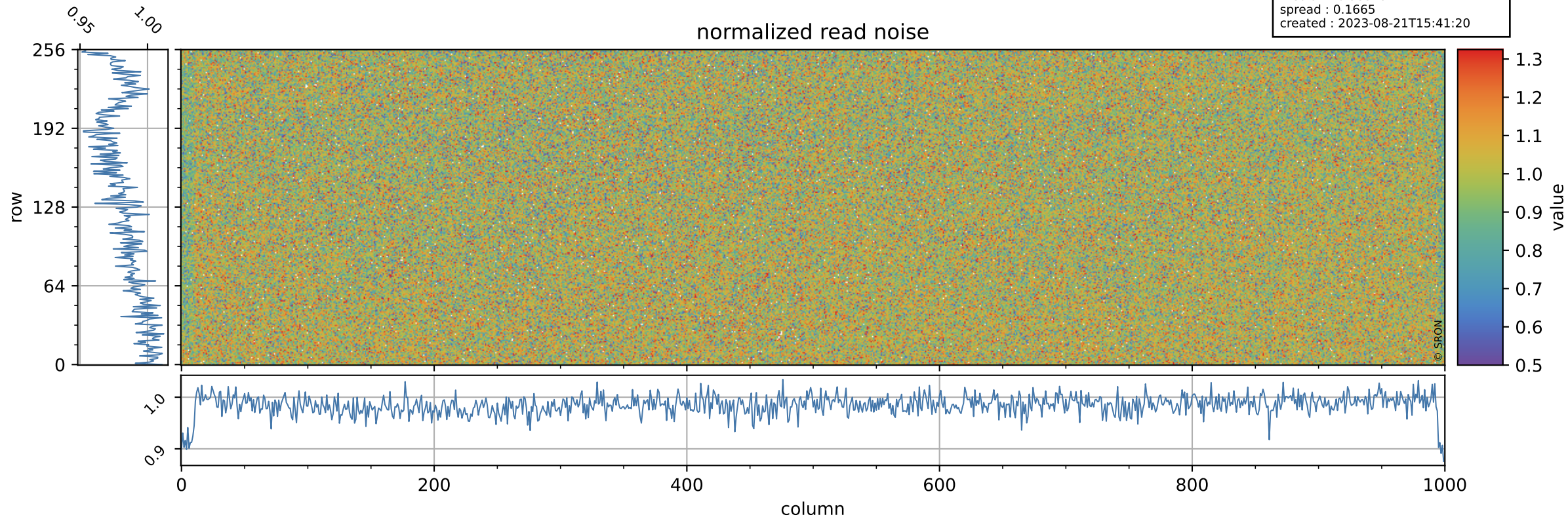
orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
median : 1.1296 e  
spread : 0.064376 e  
created : 2023-08-21T15:41:19





# Tropomi SWIR background noise (swir)

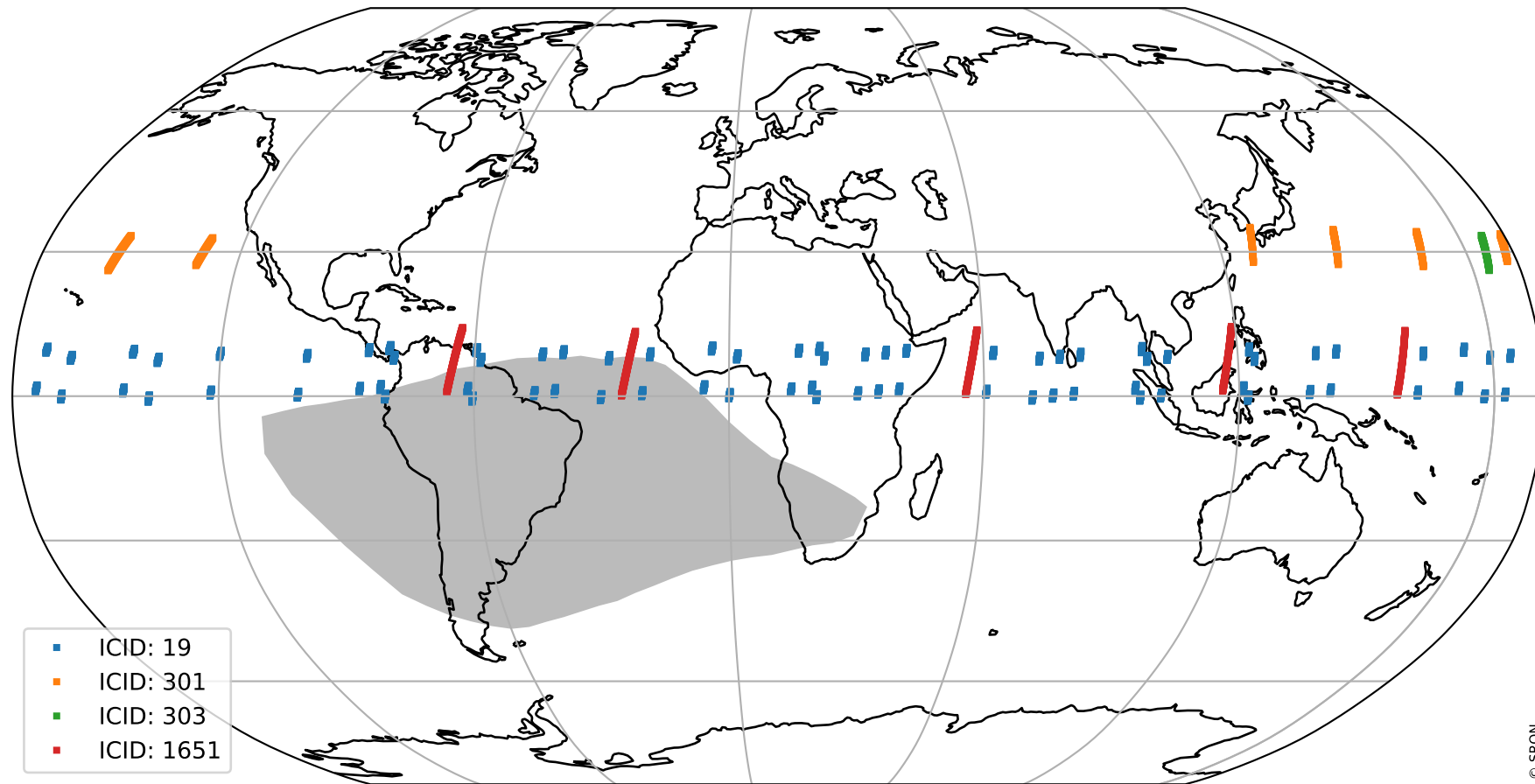
orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
median : 0.98329  
spread : 0.1665  
created : 2023-08-21T15:41:20





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

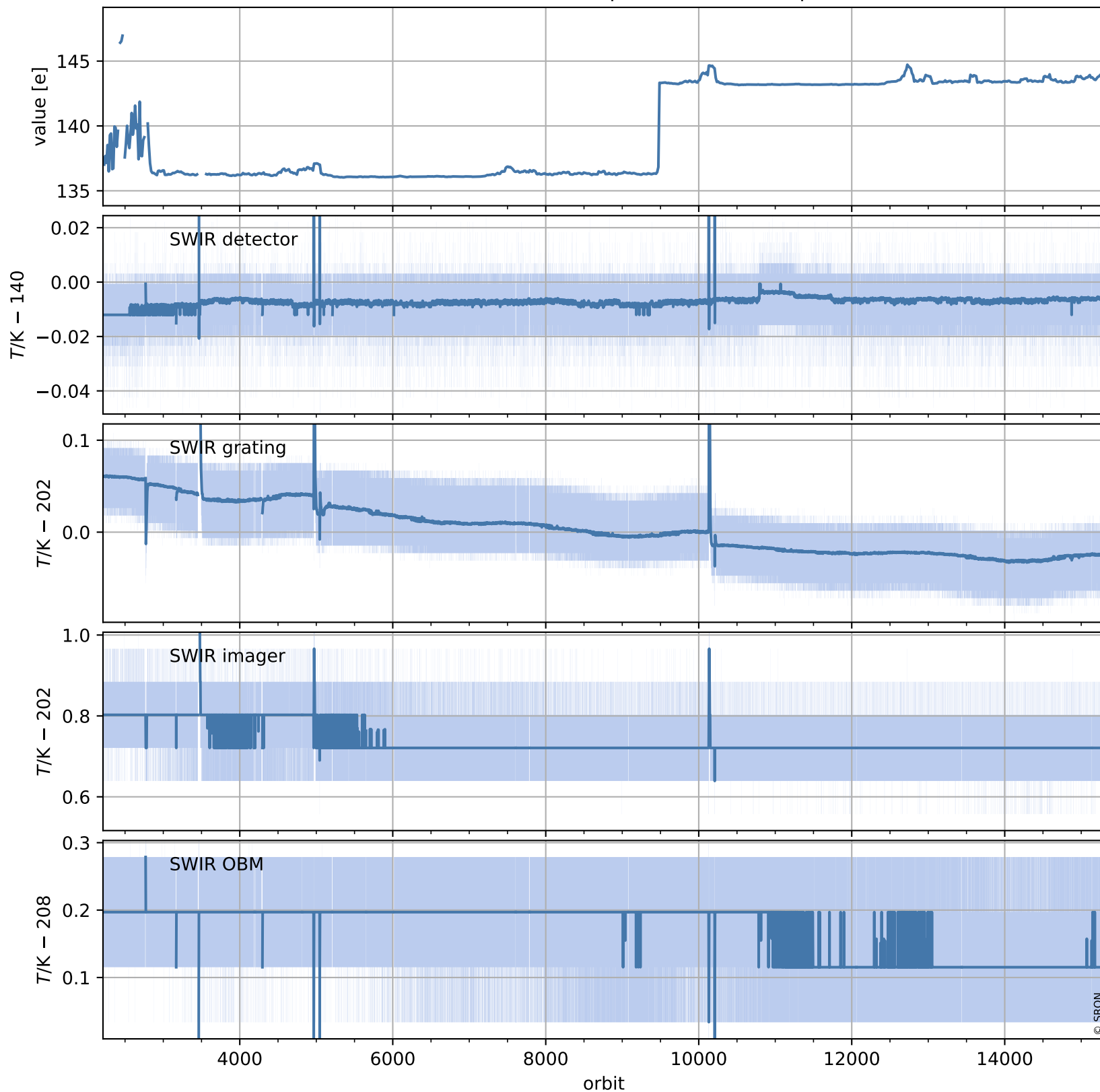
orbits : 12 in [15232, 15307]  
coverage : 2020-09-20 / 2020-09-25  
created : 2023-08-21T15:41:20



# Tropomi SWIR background noise (swir)

orbits : [2212, 15307]  
coverage : 2018-03-18 / 2020-09-25  
created : 2023-08-21T15:41:20

## trend of detector median of plain noise & temperatures

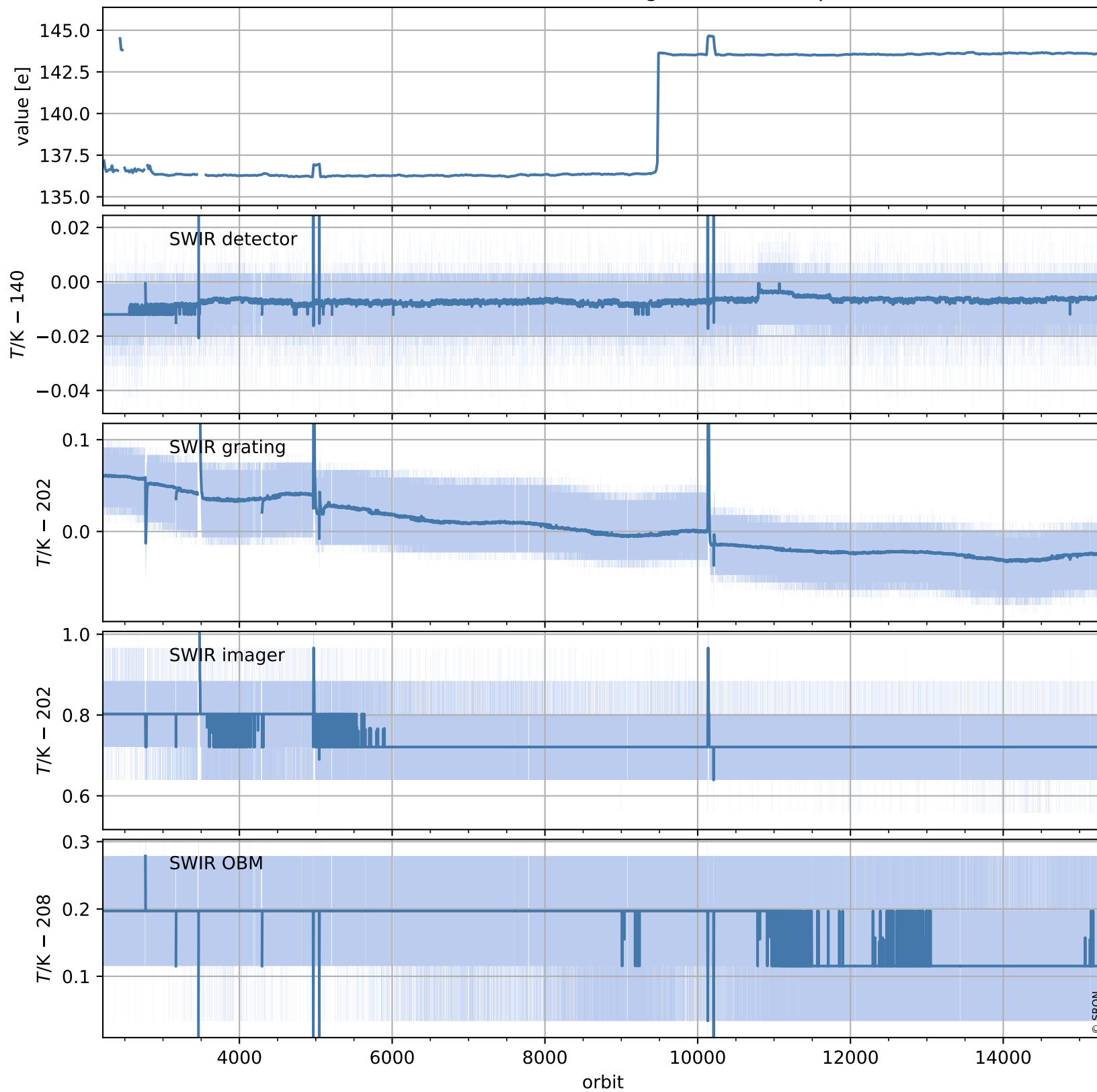




# Tropomi SWIR background noise (swir)

orbits : [2212, 15307]  
coverage : 2018-03-18 / 2020-09-25  
created : 2023-08-21T15:41:21

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15307]  
coverage : 2018-03-18 / 2020-09-25  
created : 2023-08-21T15:41:22

## trend of normalized read-noise & temperatures

