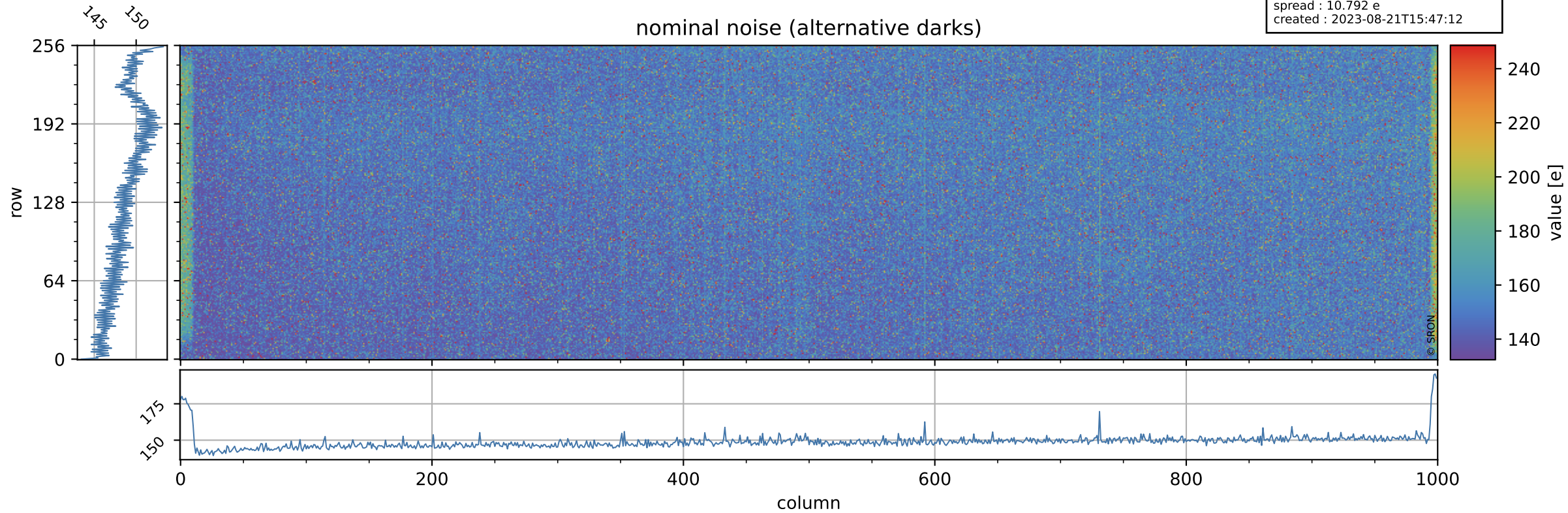


# Tropomi SWIR background noise (swir)

orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.64 e  
spread : 10.792 e  
created : 2023-08-21T15:47:12

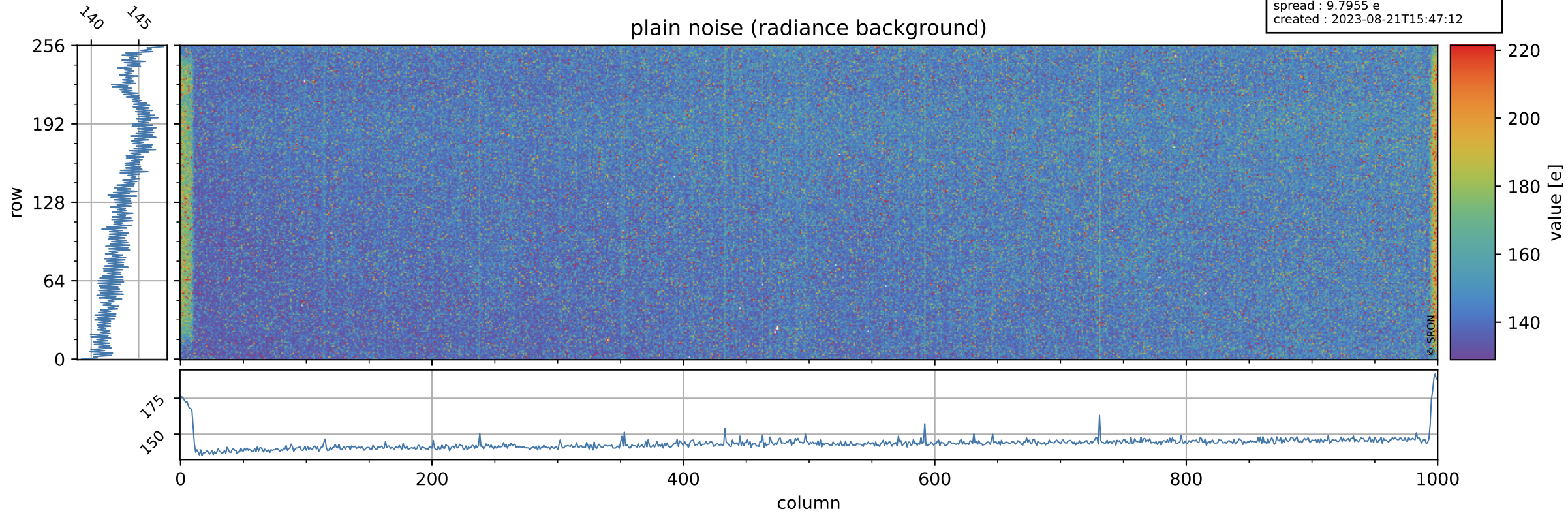
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.42 e  
spread : 9.7955 e  
created : 2023-08-21T15:47:12

plain noise (radiance background)

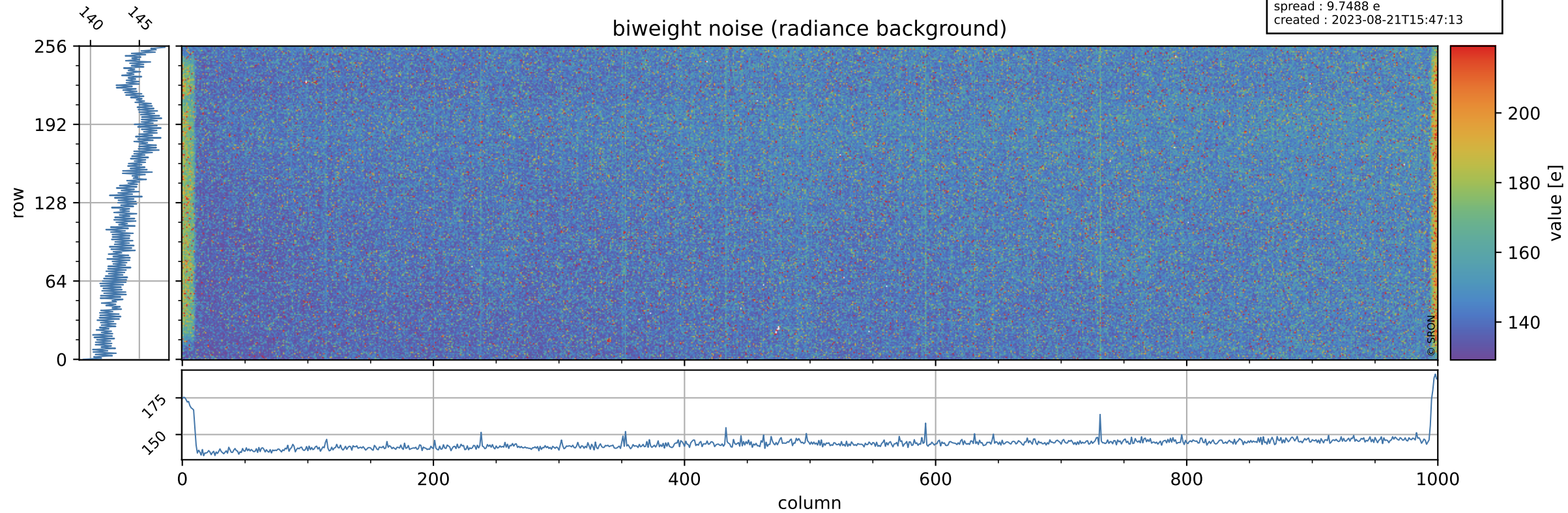




# Tropomi SWIR background noise (swir)

orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.74 e  
spread : 9.7488 e  
created : 2023-08-21T15:47:13

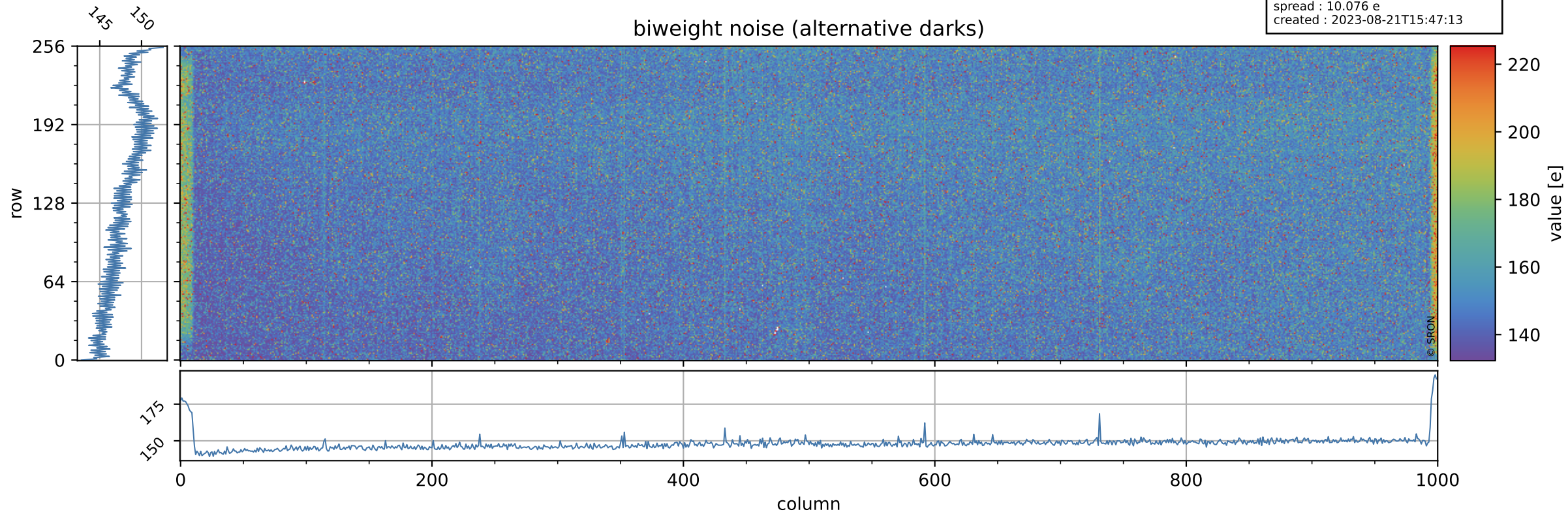
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.74 e  
spread : 10.076 e  
created : 2023-08-21T15:47:13

## biweight noise (alternative darks)

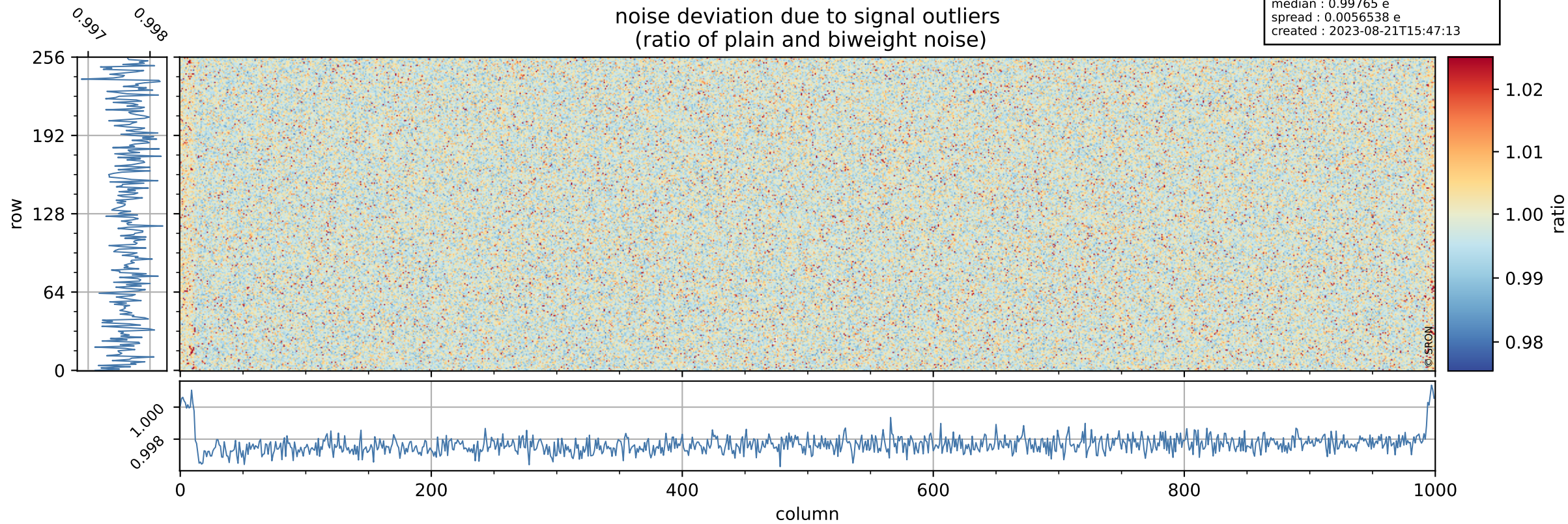




# Tropomi SWIR background noise (swir)

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

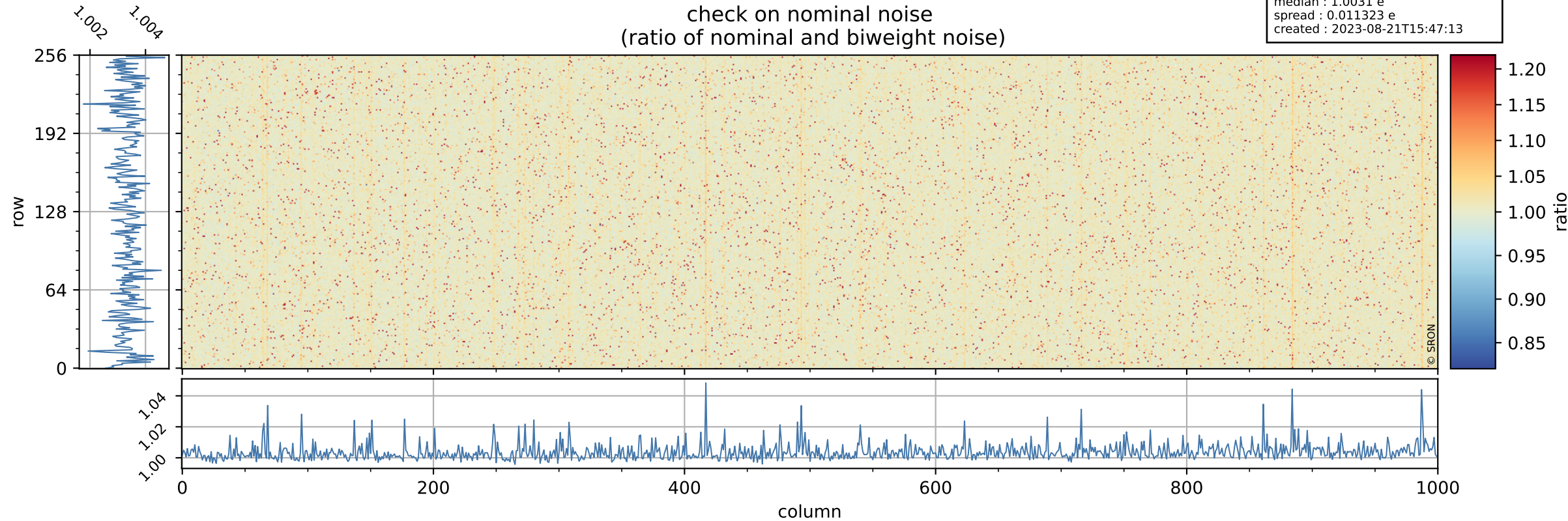
orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
median : 0.99765 e  
spread : 0.0056538 e  
created : 2023-08-21T15:47:13



# Tropomi SWIR background noise (swir)

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

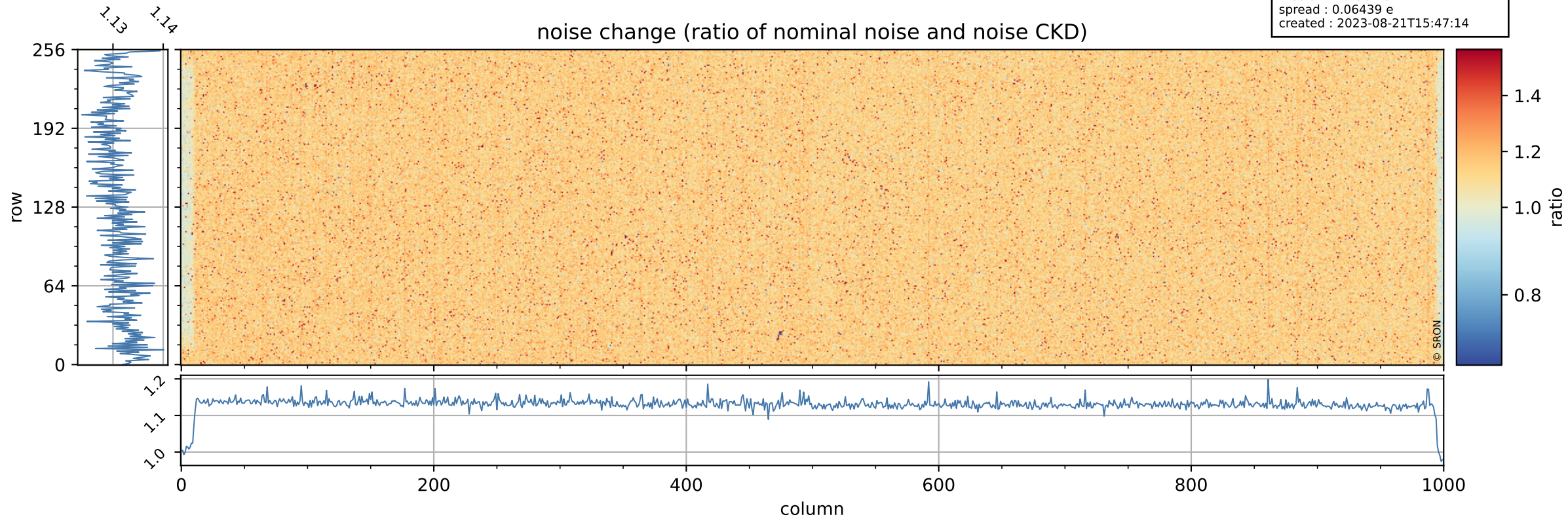
orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
median : 1.0031 e  
spread : 0.011323 e  
created : 2023-08-21T15:47:13





# Tropomi SWIR background noise (swir)

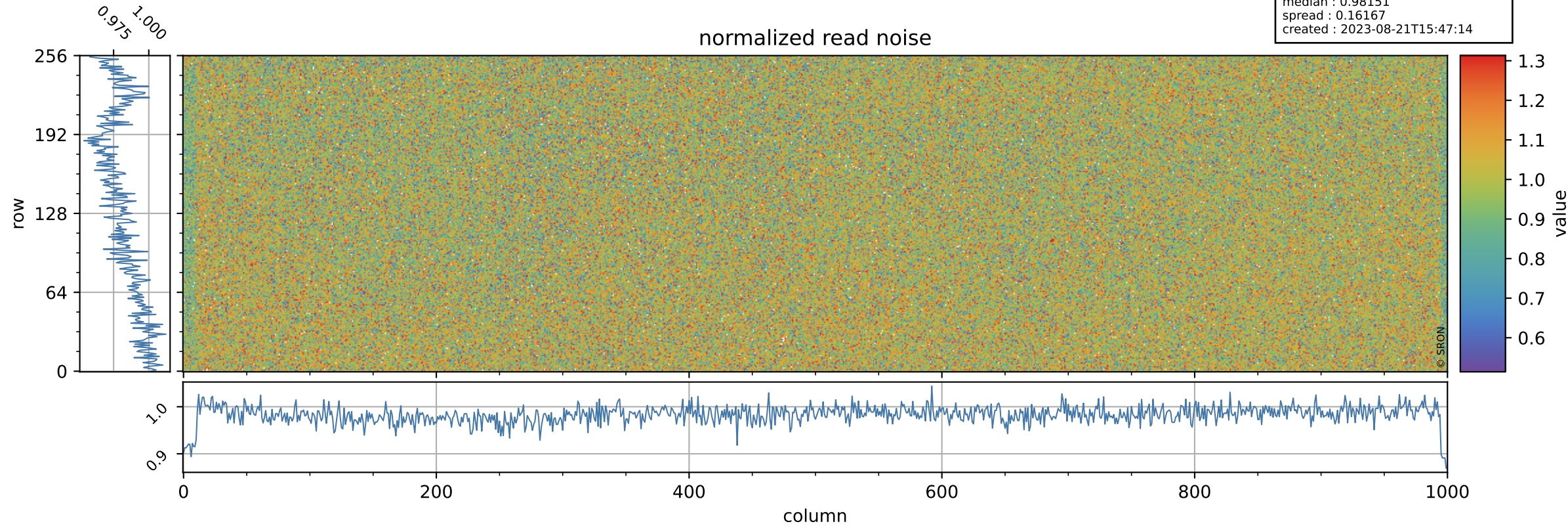
orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
median : 1.1301 e  
spread : 0.06439 e  
created : 2023-08-21T15:47:14





# Tropomi SWIR background noise (swir)

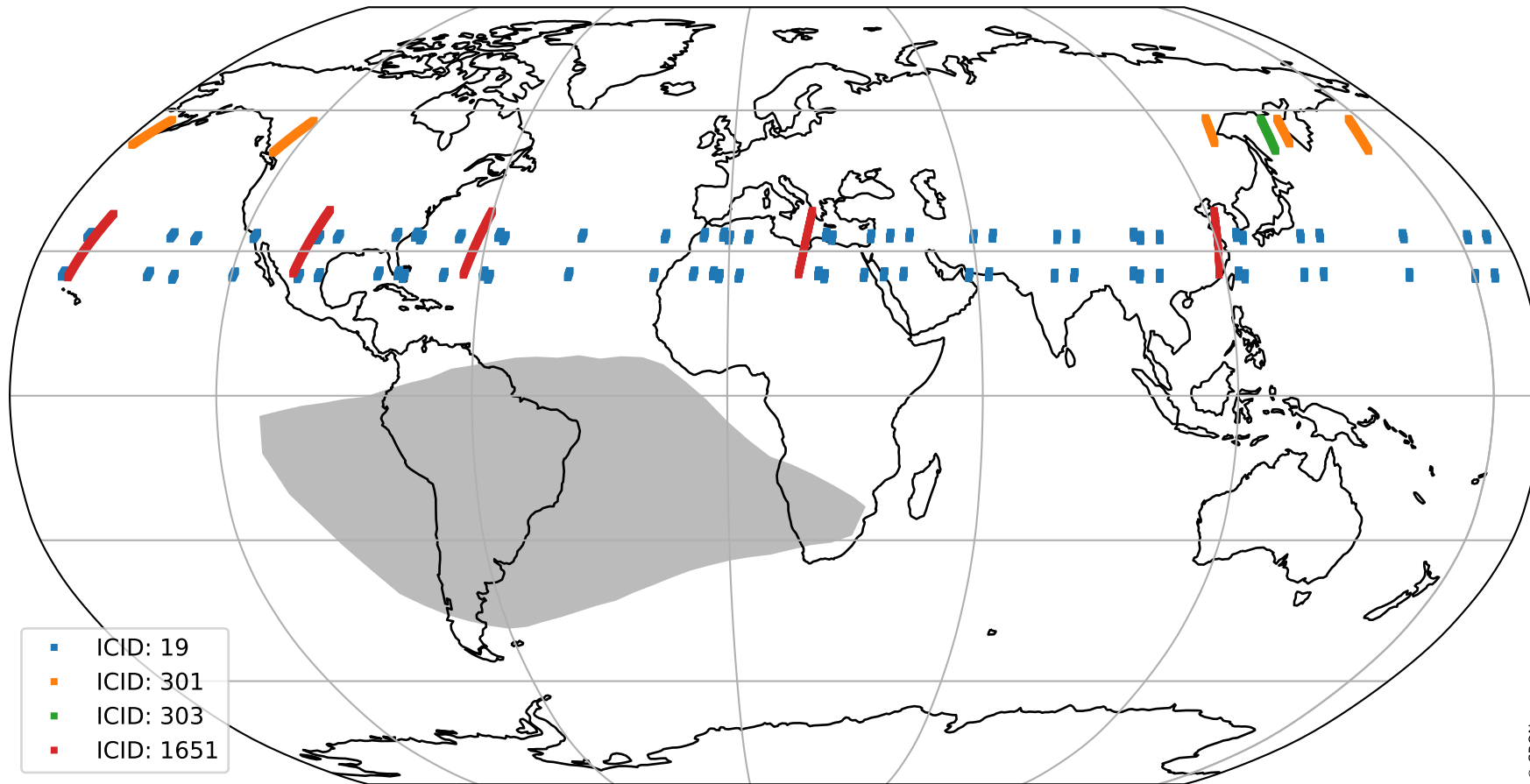
orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
median : 0.98151  
spread : 0.16167  
created : 2023-08-21T15:47:14





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

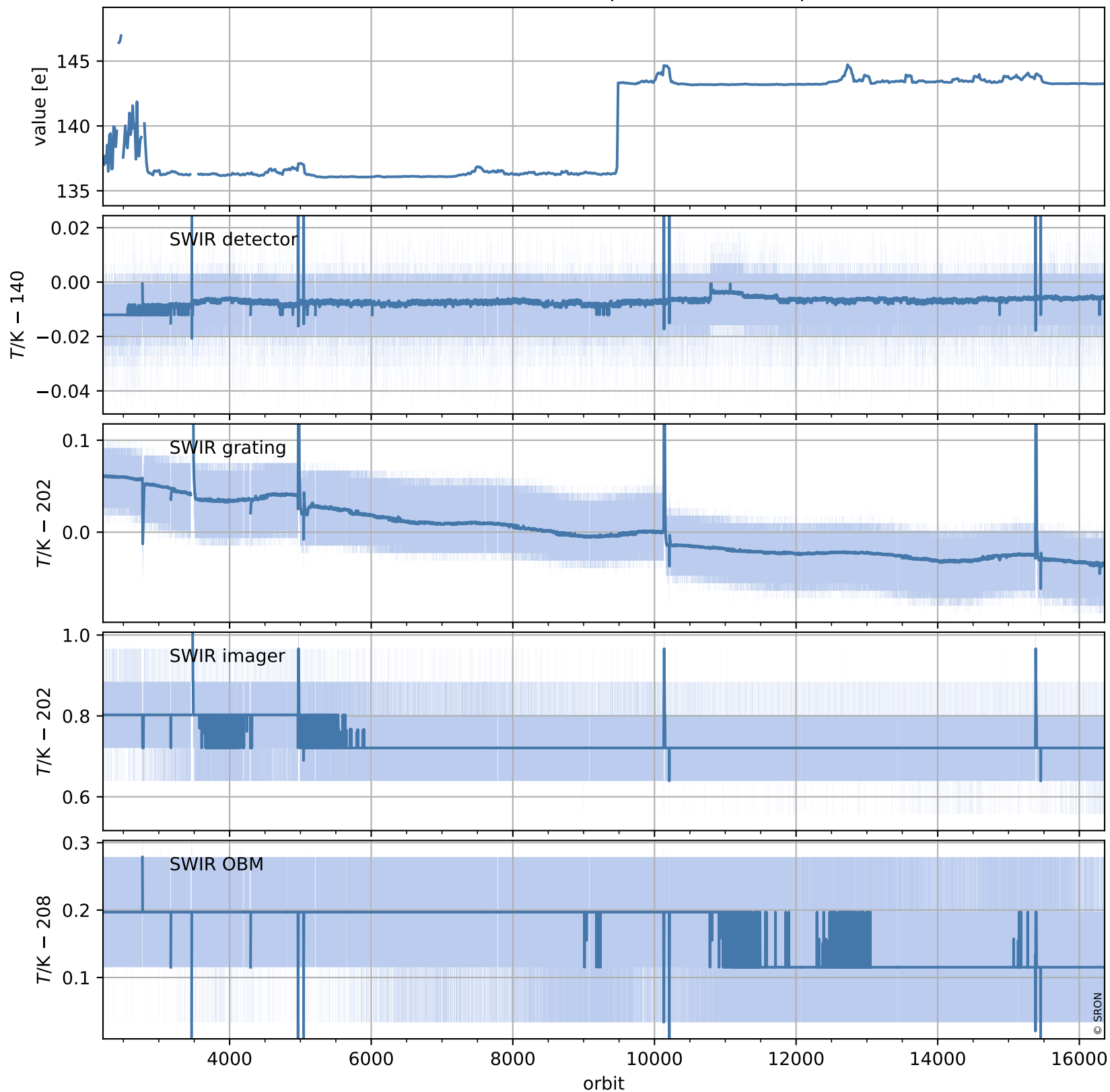
orbits : 11 in [16267, 16357]  
coverage : 2020-12-03 / 2020-12-09  
created : 2023-08-21T15:47:14



# Tropomi SWIR background noise (swir)

orbits : [2212, 16357]  
coverage : 2018-03-18 / 2020-12-09  
created : 2023-08-21T15:47:15

## trend of detector median of plain noise & temperatures

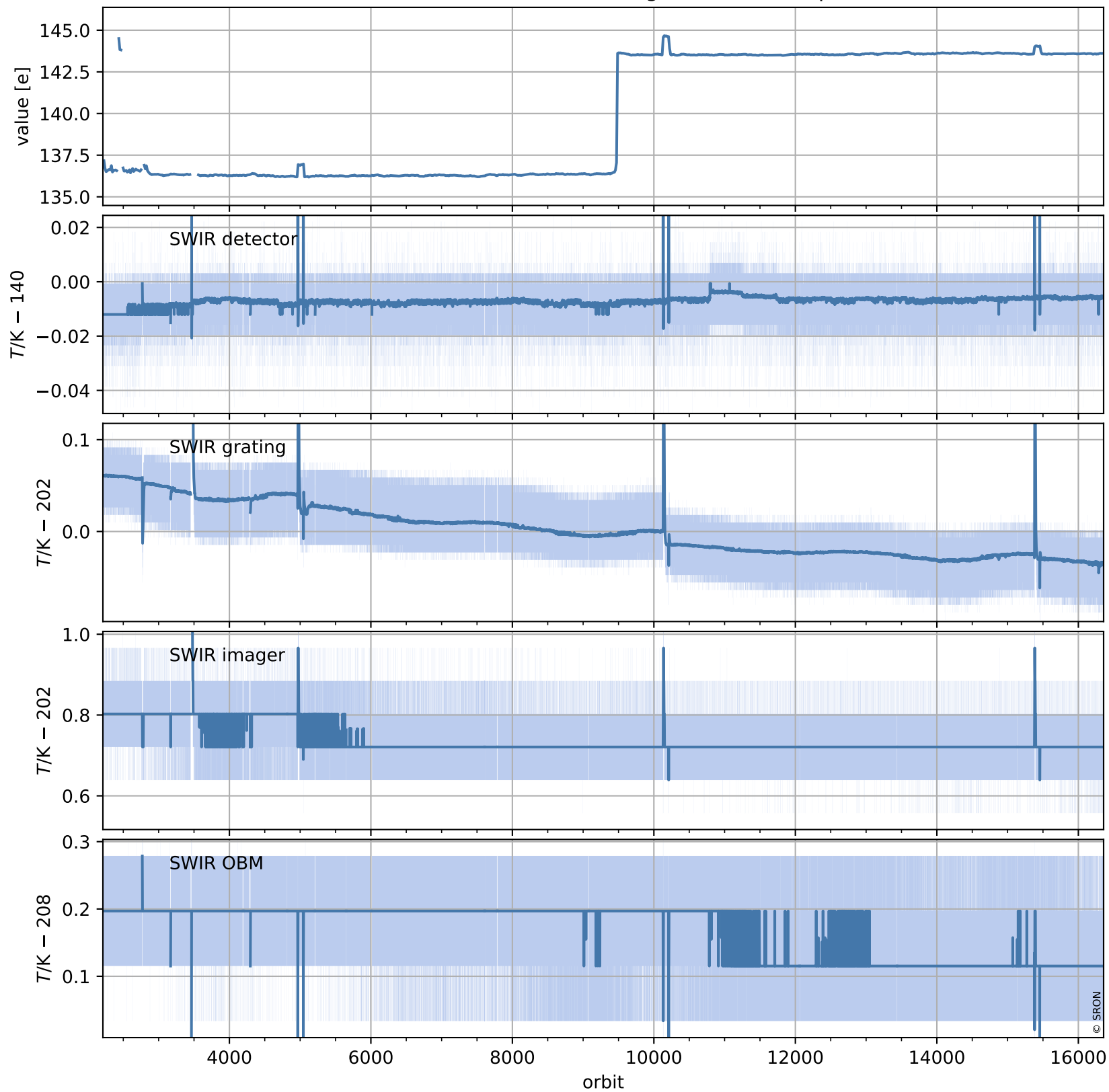




# Tropomi SWIR background noise (swir)

orbits : [2212, 16357]  
coverage : 2018-03-18 / 2020-12-09  
created : 2023-08-21T15:47:15

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 16357]  
coverage : 2018-03-18 / 2020-12-09  
created : 2023-08-21T15:47:16

## trend of normalized read-noise & temperatures

