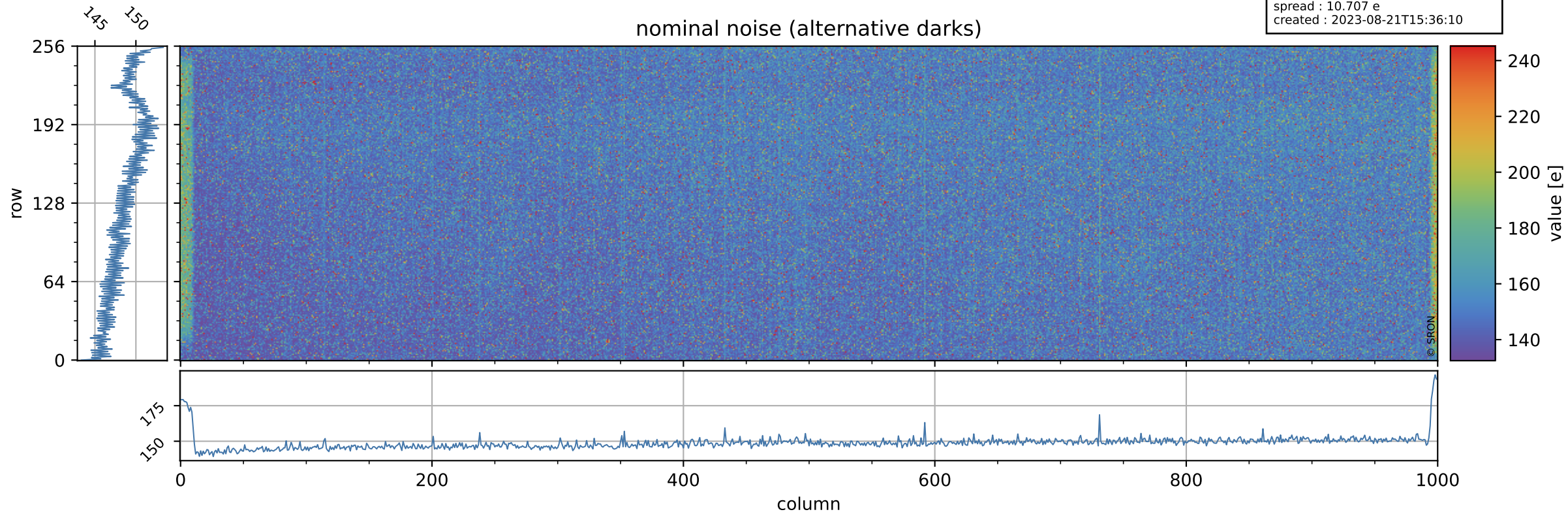


# Tropomi SWIR background noise (swir)

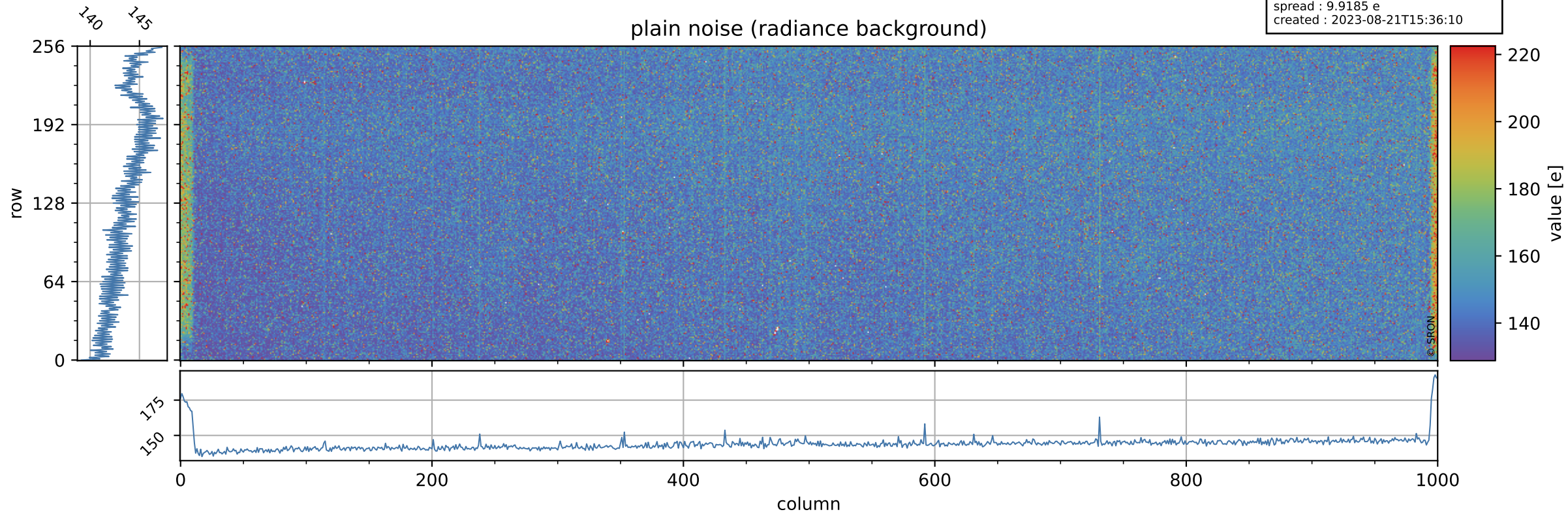
orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
n\_coad, t\_exp : 1, 1.0783  
median : 148.58 e  
spread : 10.707 e  
created : 2023-08-21T15:36:10



# Tropomi SWIR background noise (swir)

orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.6 e  
spread : 9.9185 e  
created : 2023-08-21T15:36:10

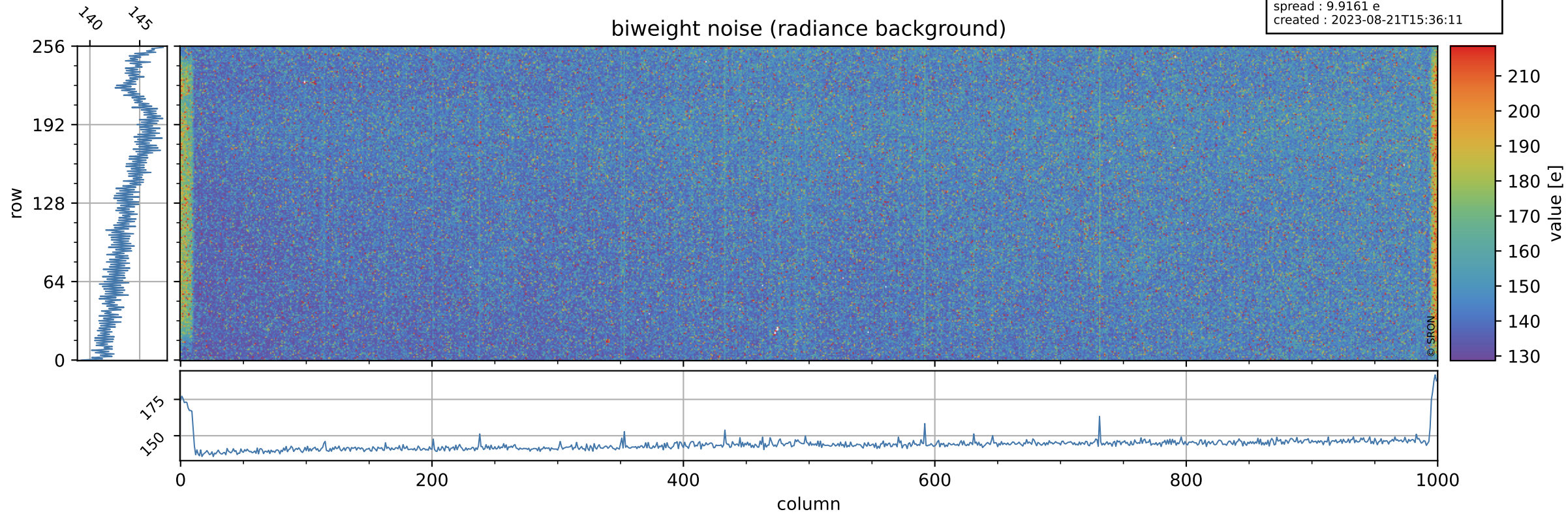
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

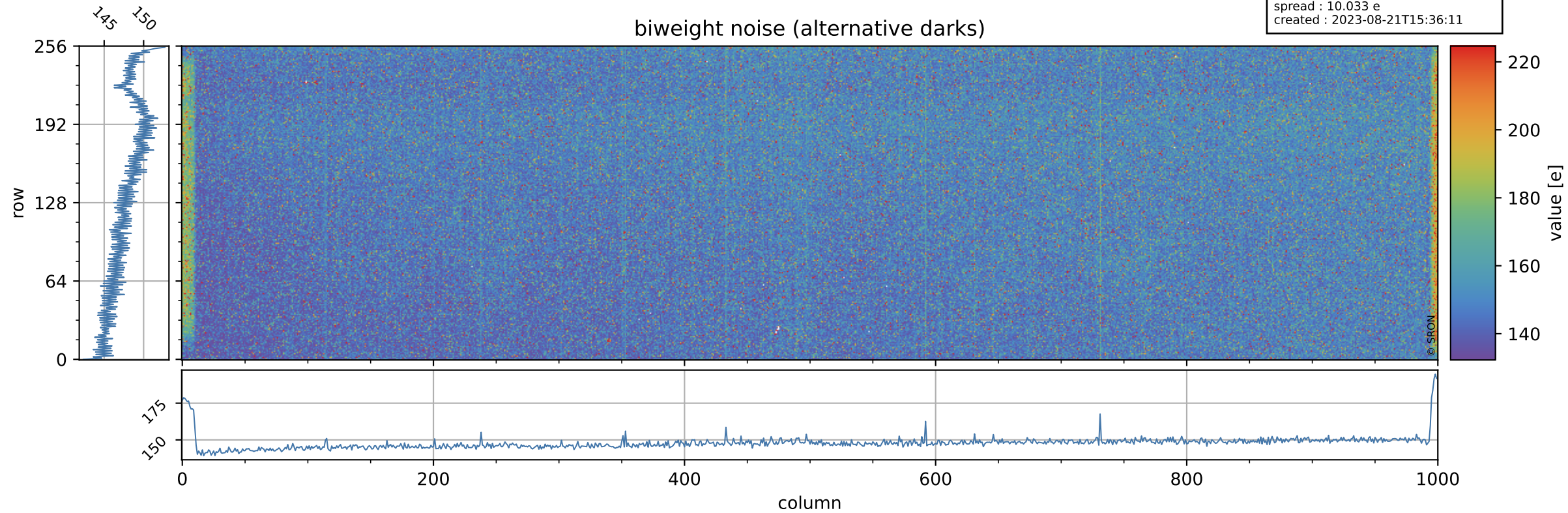
orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
n\_coad, t\_exp : 1, 0.8383  
median : 143.76 e  
spread : 9.9161 e  
created : 2023-08-21T15:36:11

## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

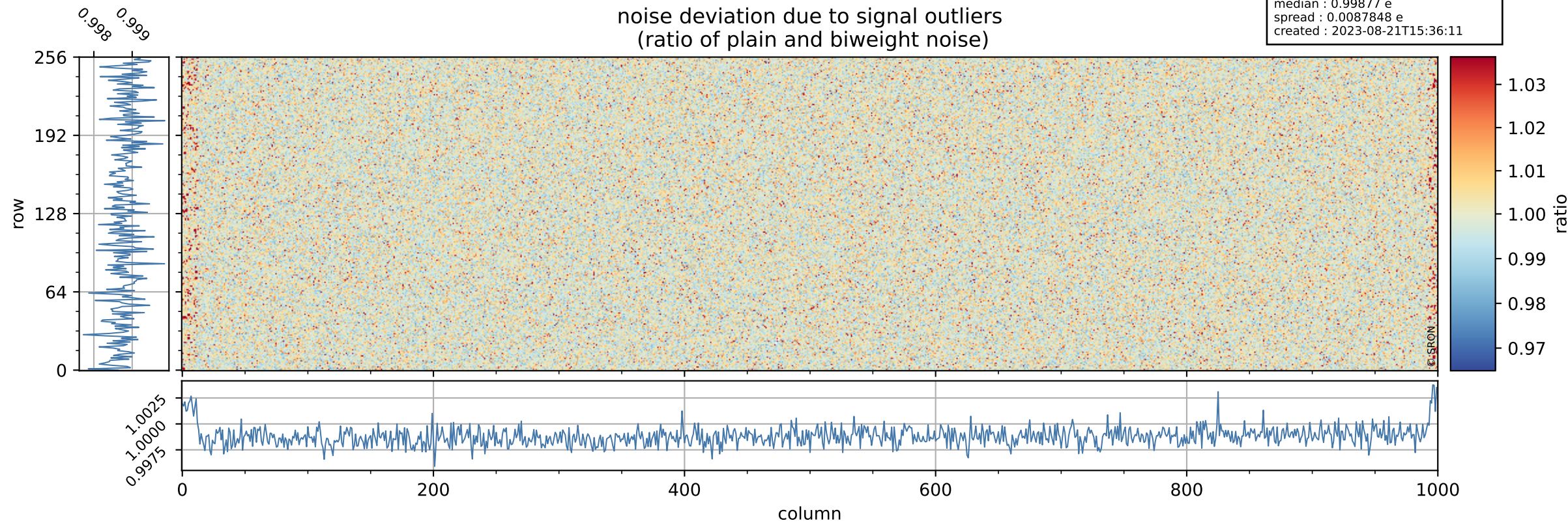
orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
n\_coad, t\_exp : 1, 1.0783  
median : 147.65 e  
spread : 10.033 e  
created : 2023-08-21T15:36:11



# Tropomi SWIR background noise (swir)

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

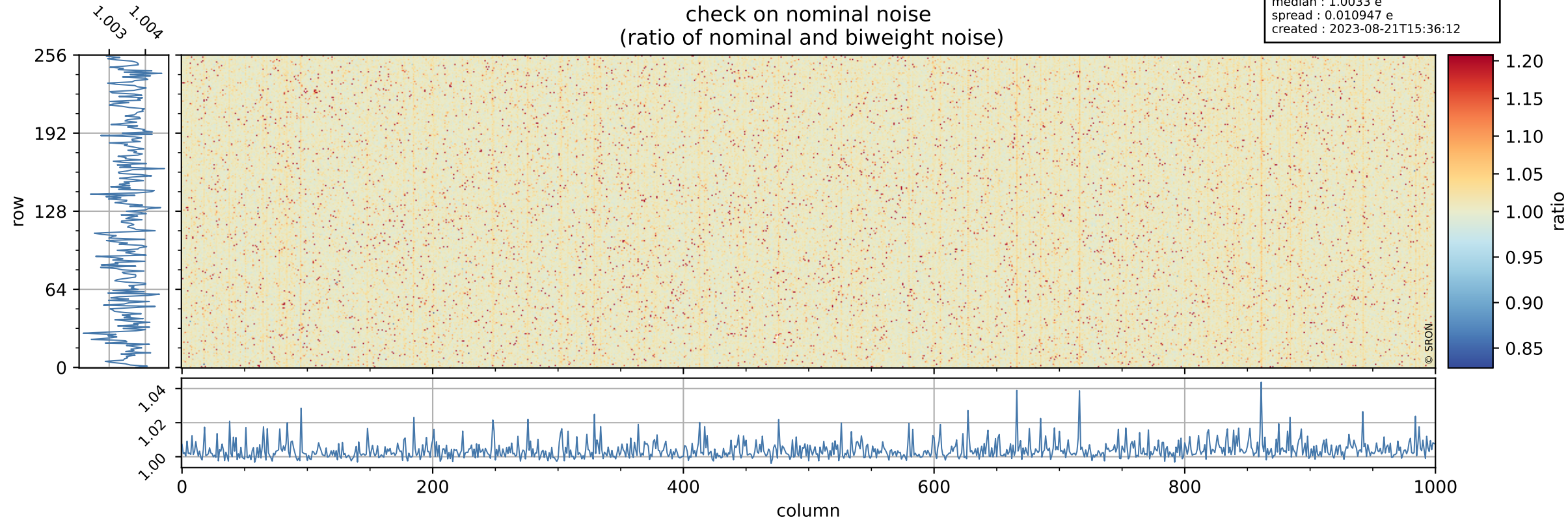
orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
median : 0.99877 e  
spread : 0.0087848 e  
created : 2023-08-21T15:36:11



# Tropomi SWIR background noise (swir)

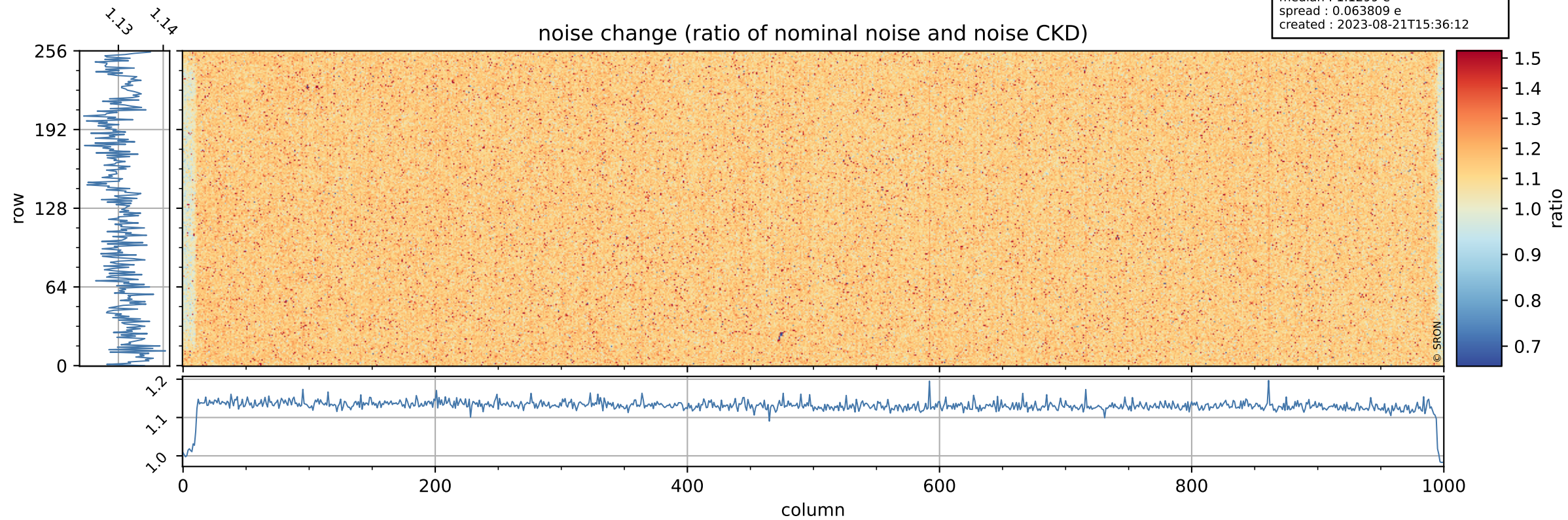
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
median : 1.0033 e  
spread : 0.010947 e  
created : 2023-08-21T15:36:12



# Tropomi SWIR background noise (swir)

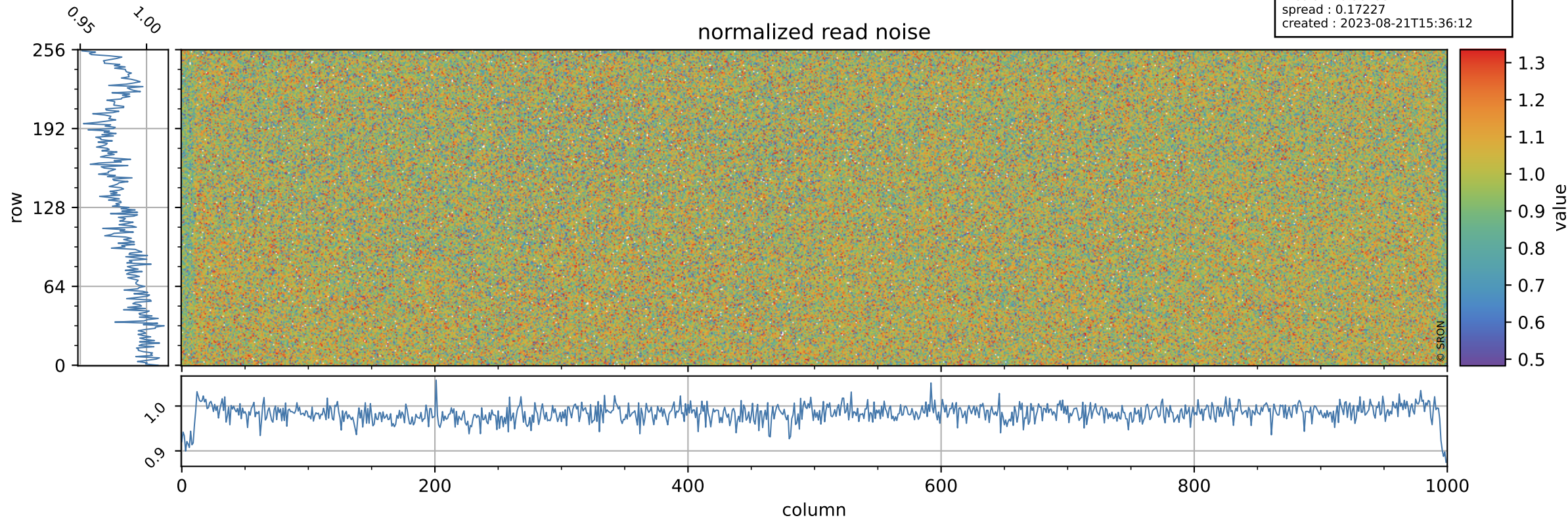
orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
median : 1.1299 e  
spread : 0.063809 e  
created : 2023-08-21T15:36:12



# Tropomi SWIR background noise (swir)

orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
median : 0.98255  
spread : 0.17227  
created : 2023-08-21T15:36:12

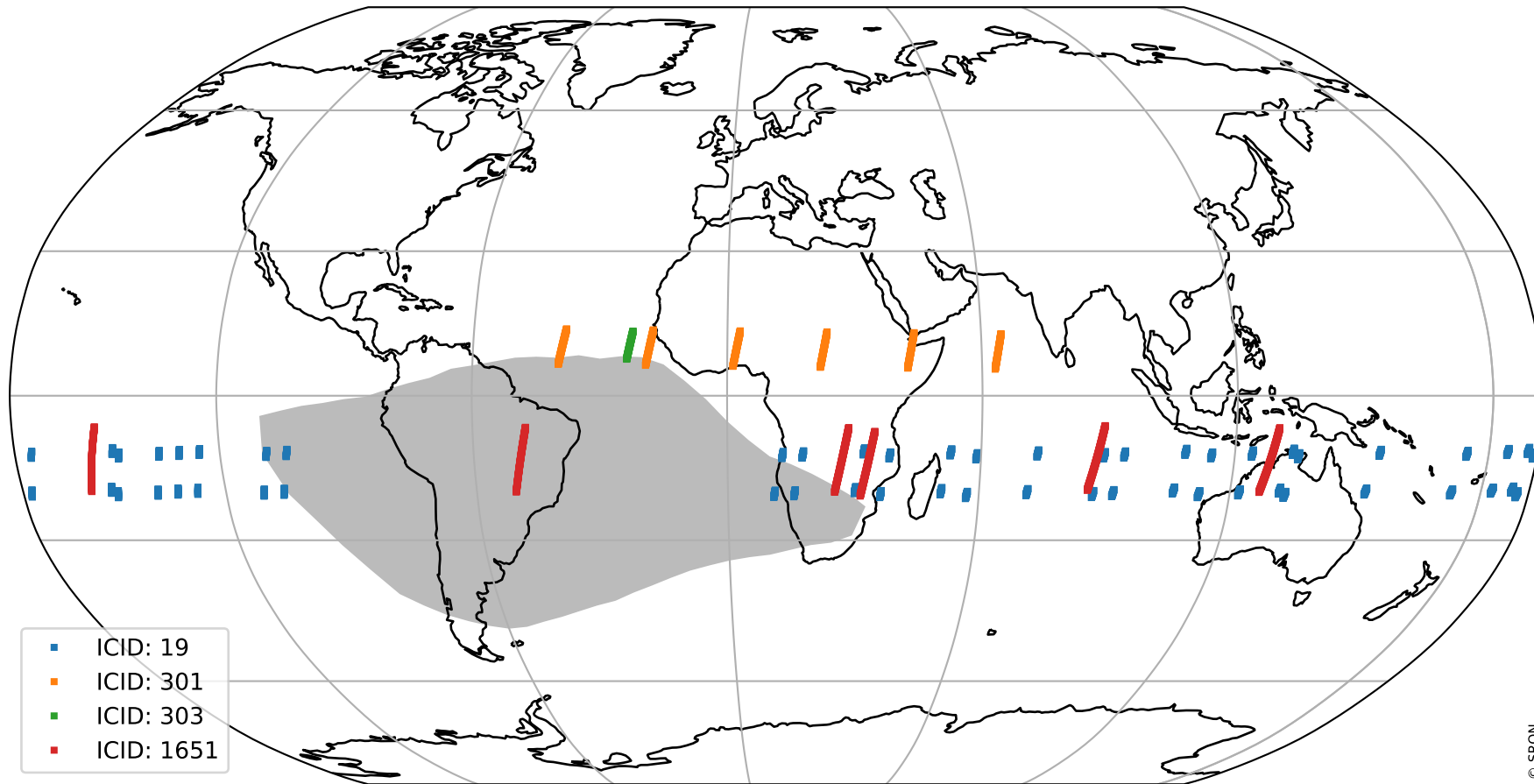
normalized read noise





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

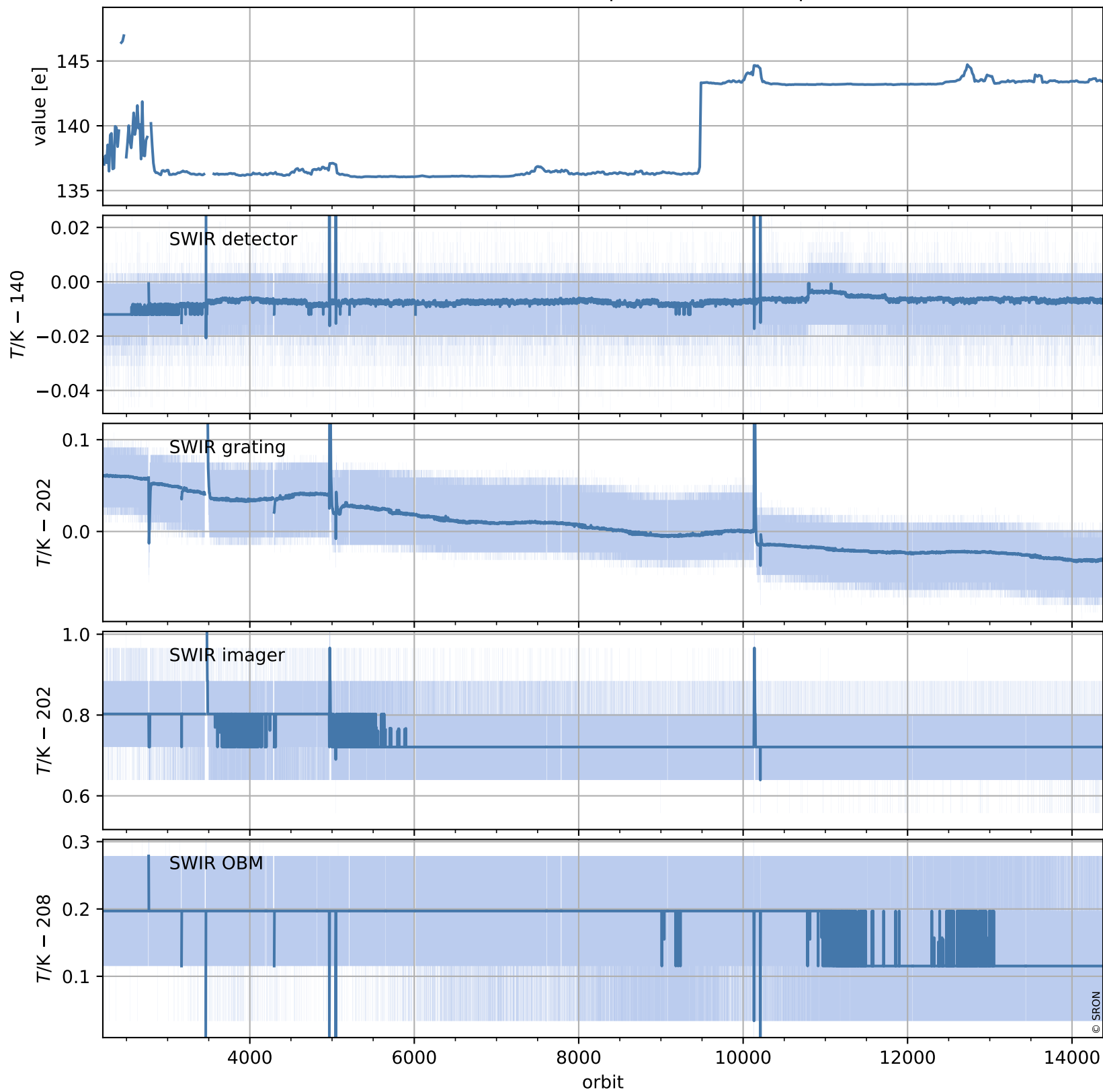
orbits : 13 in [14287, 14377]  
coverage : 2020-07-16 / 2020-07-22  
created : 2023-08-21T15:36:12



# Tropomi SWIR background noise (swir)

orbits : [2212, 14377]  
coverage : 2018-03-18 / 2020-07-22  
created : 2023-08-21T15:36:13

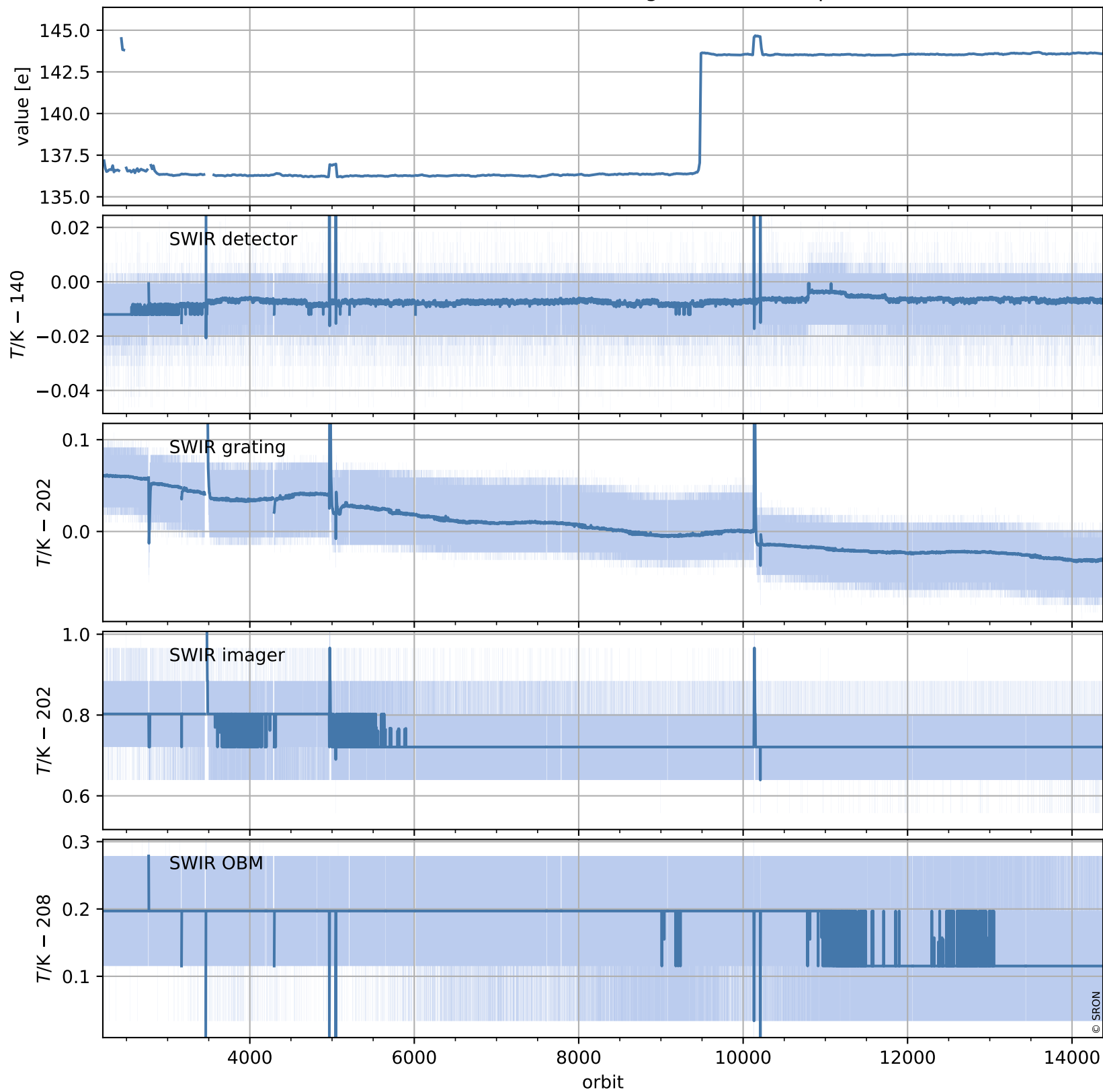
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14377]  
coverage : 2018-03-18 / 2020-07-22  
created : 2023-08-21T15:36:13

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 14377]  
coverage : 2018-03-18 / 2020-07-22  
created : 2023-08-21T15:36:14

## trend of normalized read-noise & temperatures

