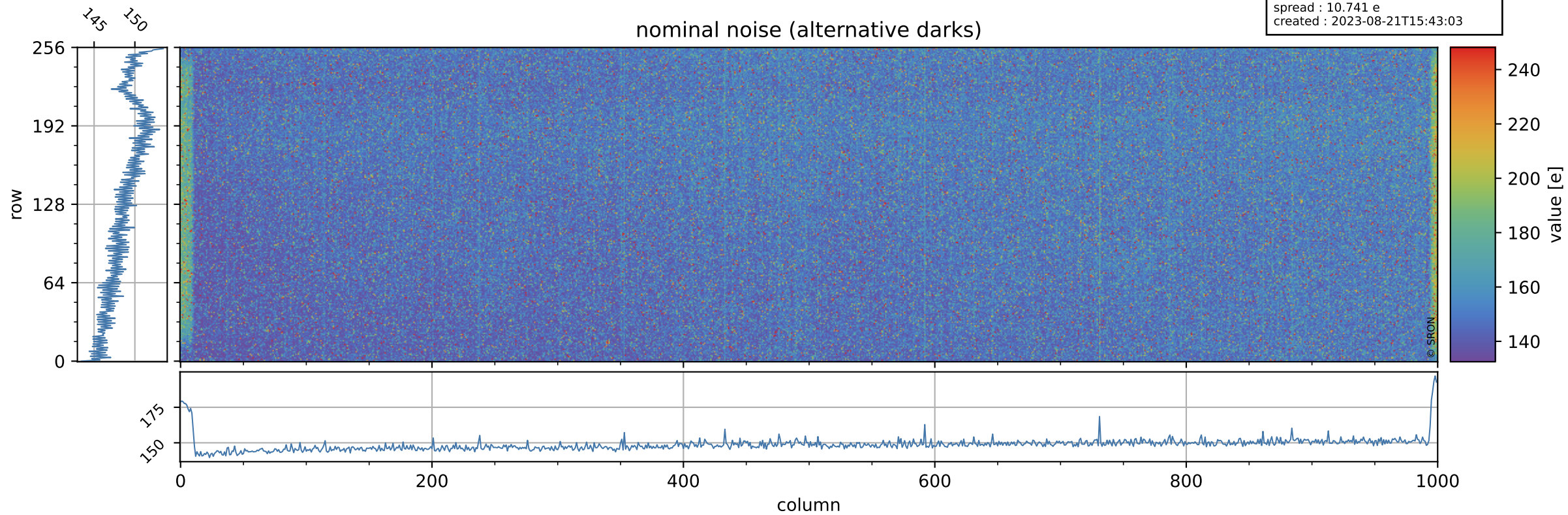


# Tropomi SWIR background noise (swir)

orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
n\_coad, t\_exp : 1, 1.0783  
median : 148.63 e  
spread : 10.741 e  
created : 2023-08-21T15:43:03

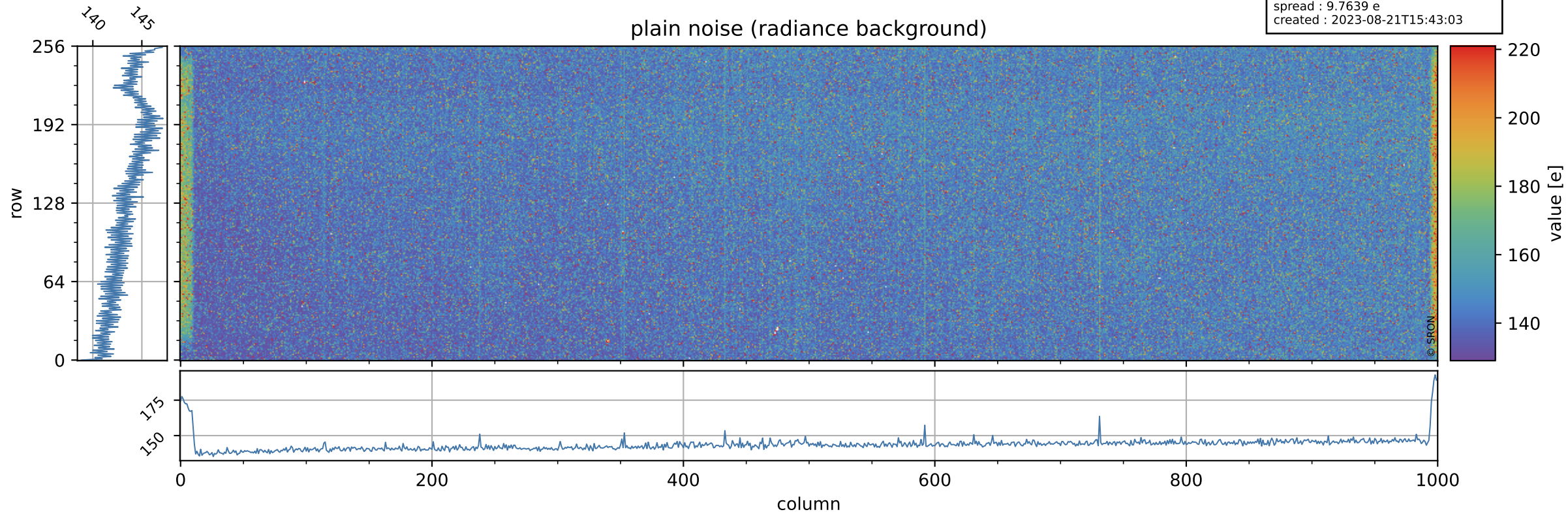
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.4 e  
spread : 9.7639 e  
created : 2023-08-21T15:43:03

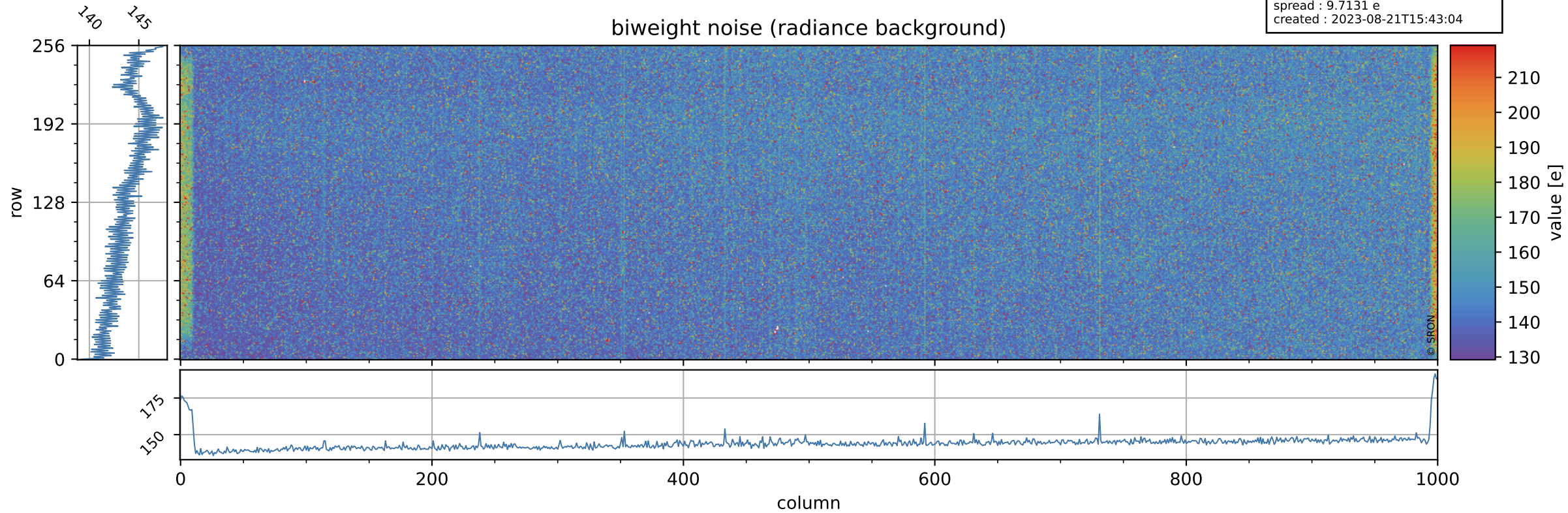
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
n\_coad, t\_exp : 1, 0.8383  
median : 143.7 e  
spread : 9.7131 e  
created : 2023-08-21T15:43:04

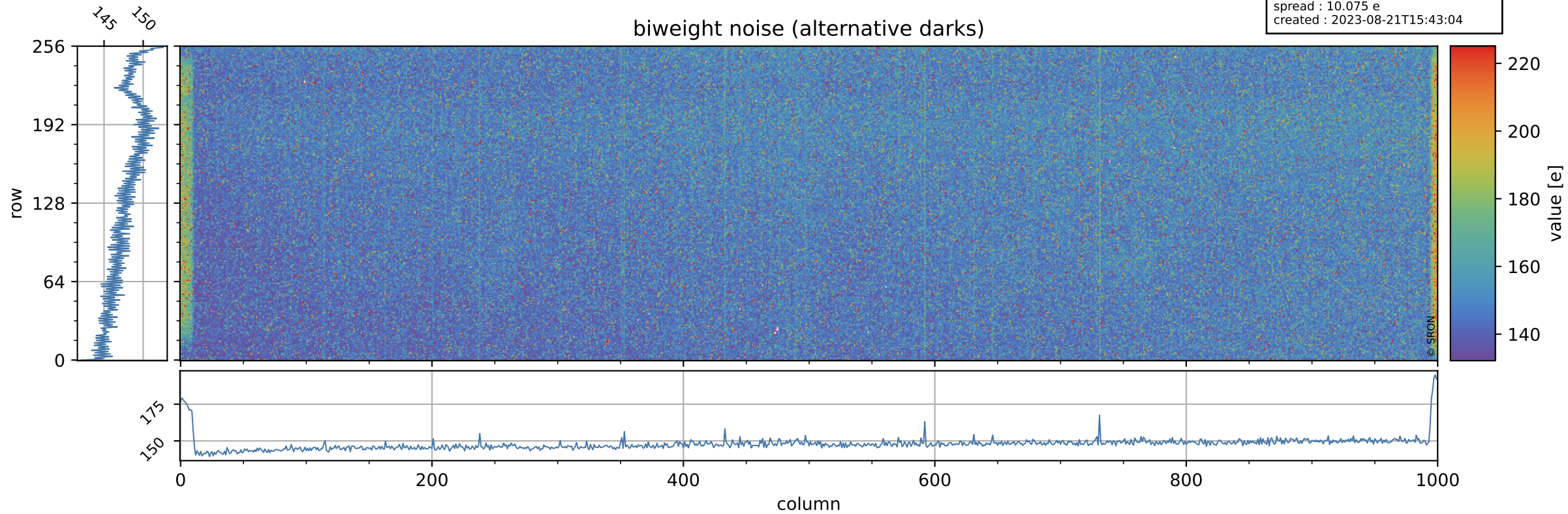
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
n\_coad, t\_exp : 1, 1.0783  
median : 147.68 e  
spread : 10.075 e  
created : 2023-08-21T15:43:04

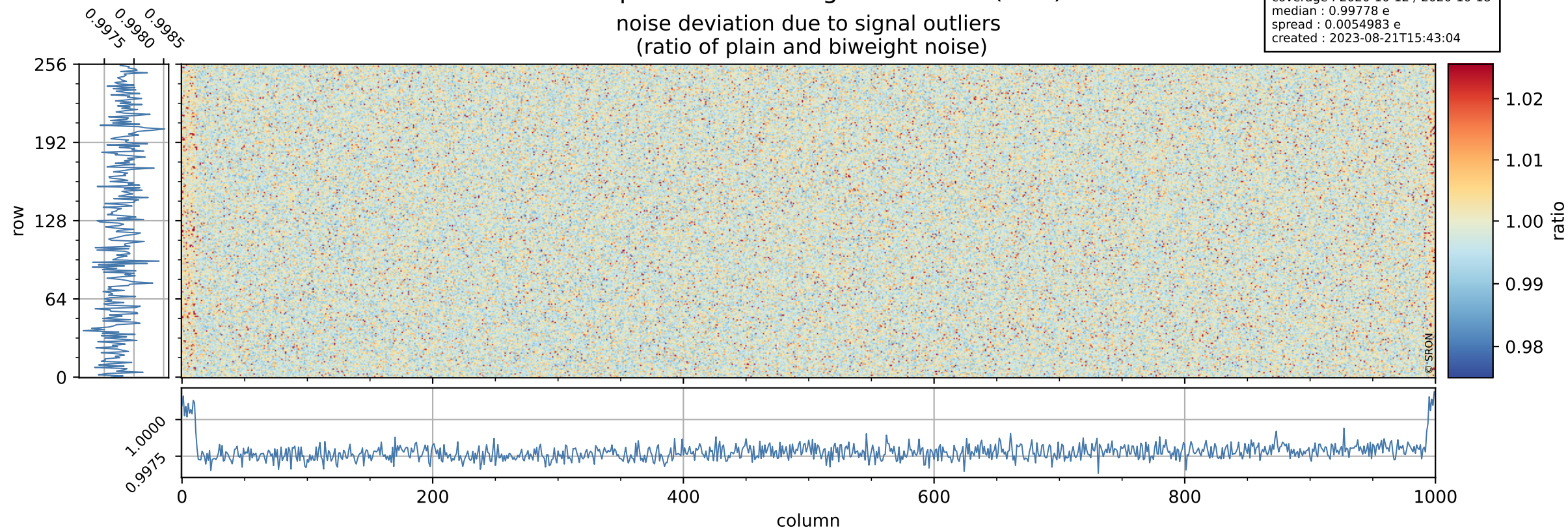
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

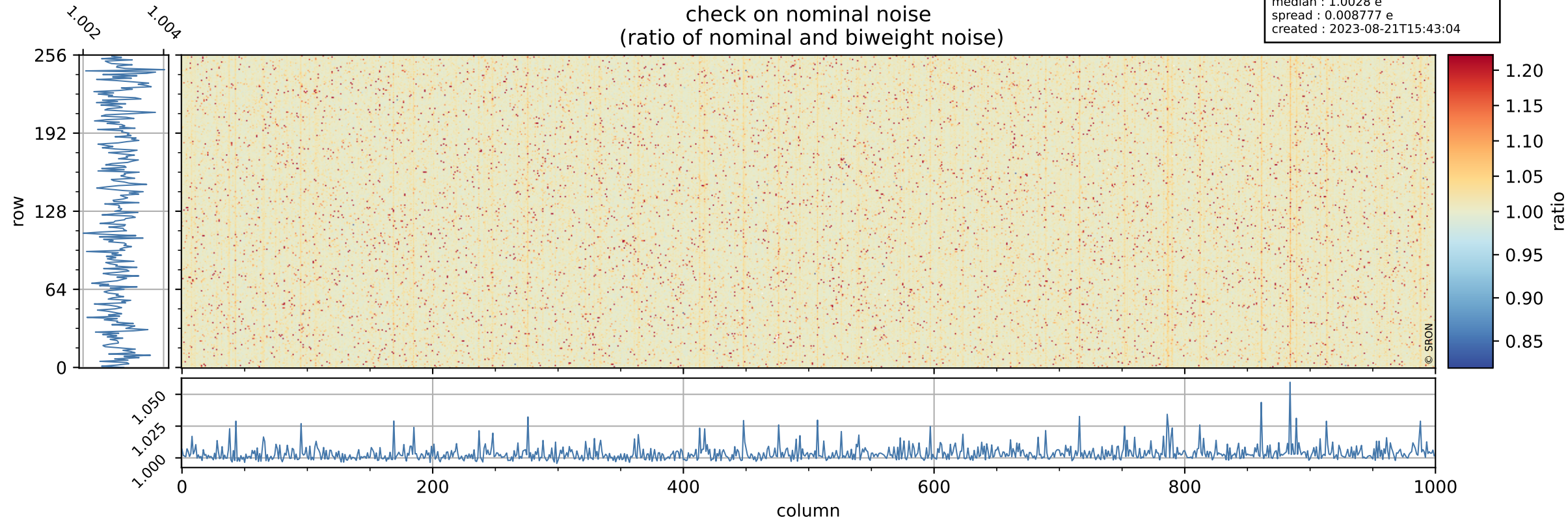
orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
median : 0.99778 e  
spread : 0.0054983 e  
created : 2023-08-21T15:43:04



# Tropomi SWIR background noise (swir)

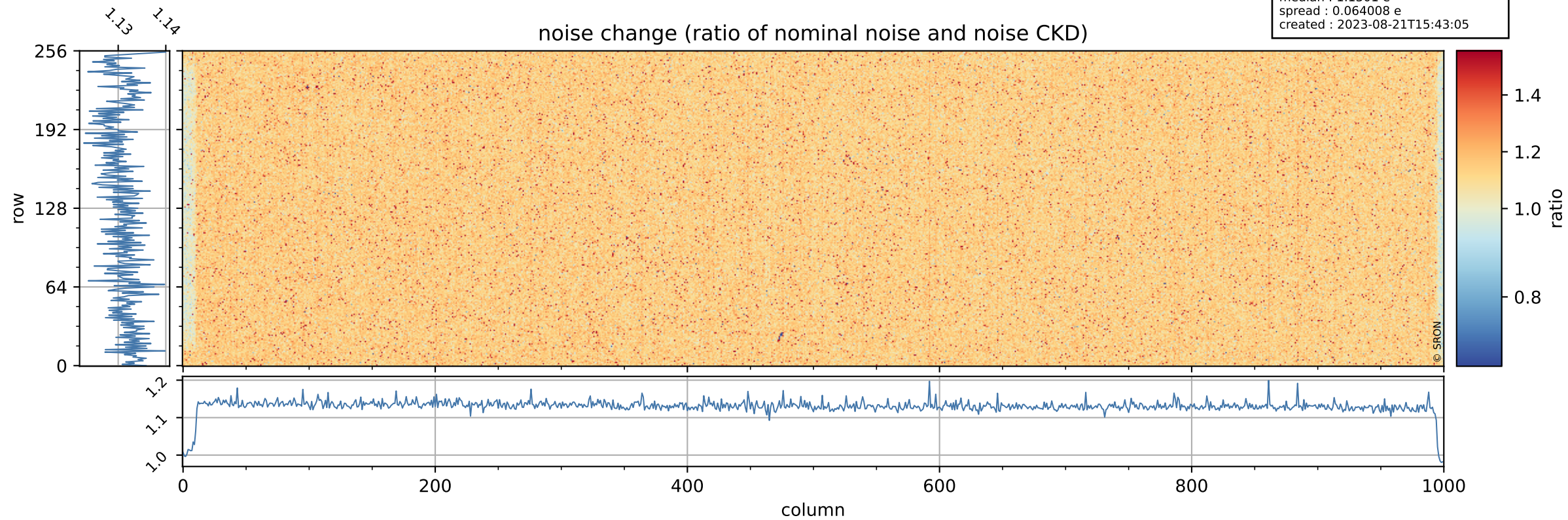
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
median : 1.0028 e  
spread : 0.008777 e  
created : 2023-08-21T15:43:04



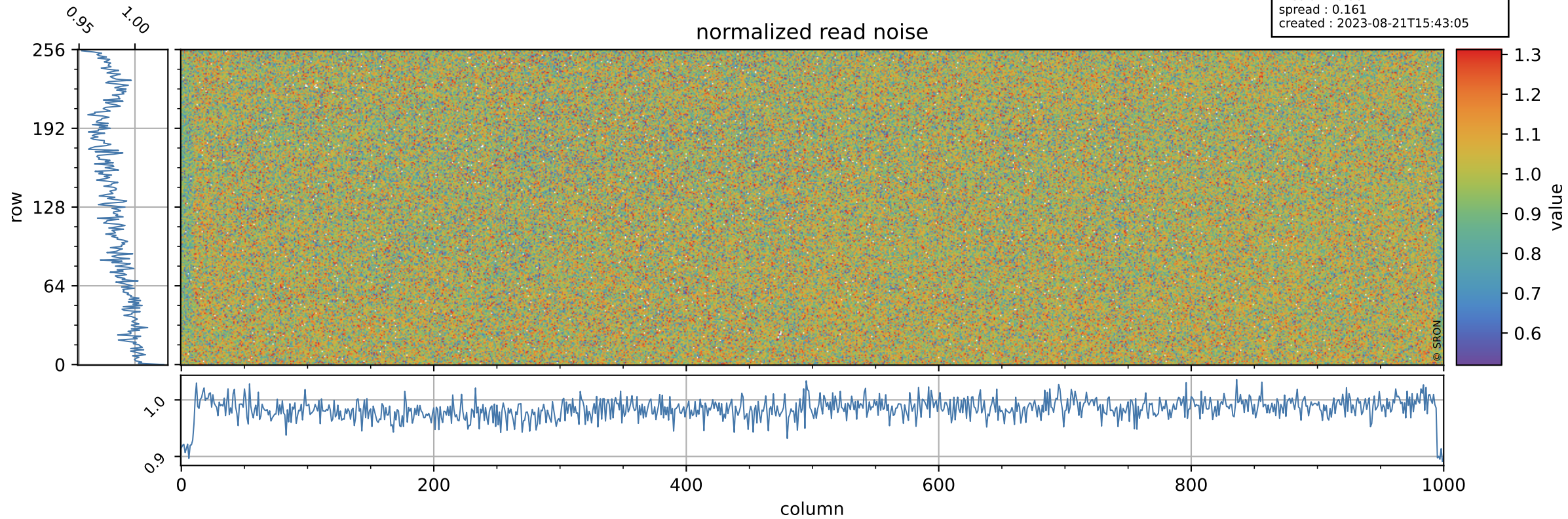
# Tropomi SWIR background noise (swir)

orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
median : 1.1301 e  
spread : 0.064008 e  
created : 2023-08-21T15:43:05



# Tropomi SWIR background noise (swir)

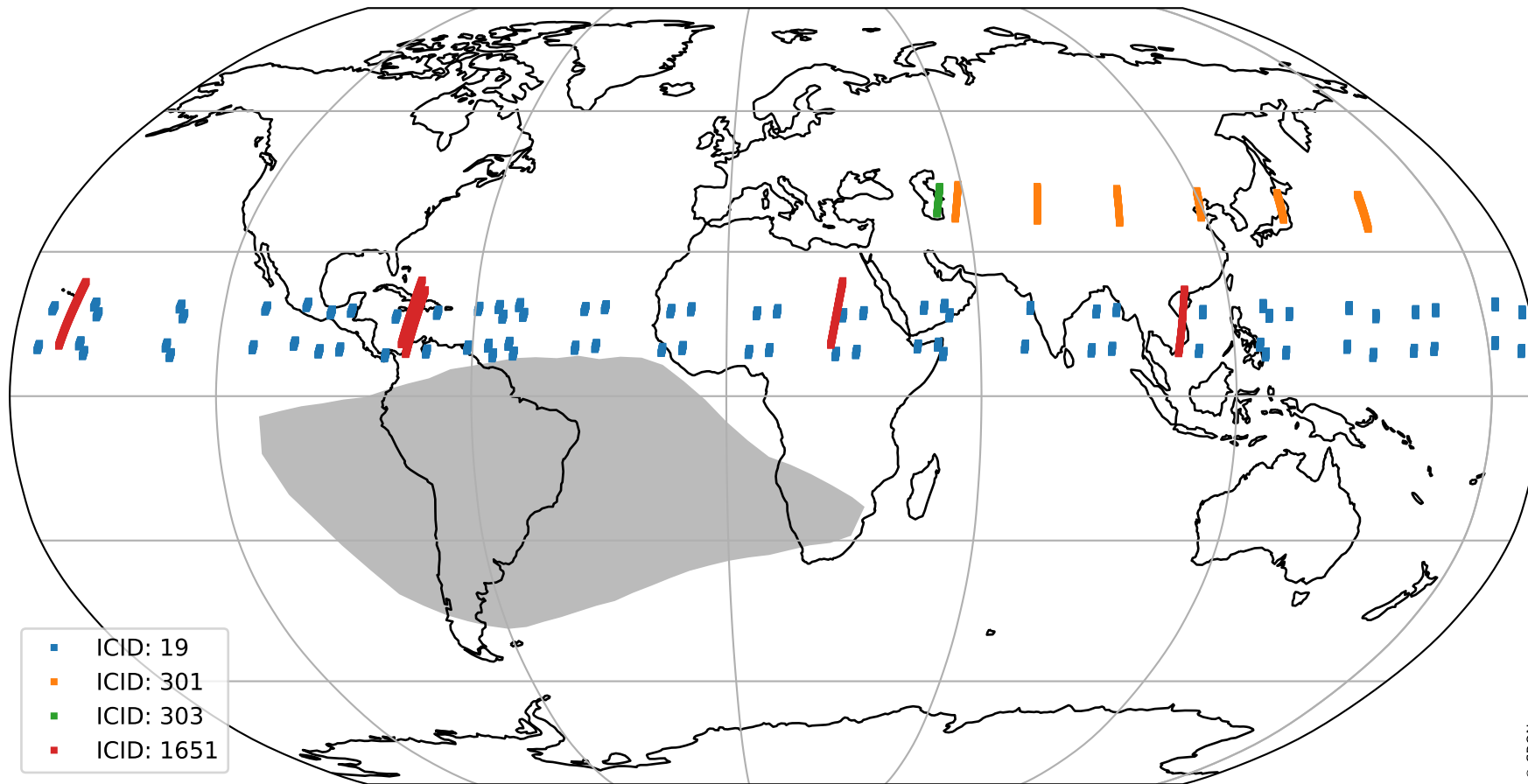
orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
median : 0.98244  
spread : 0.161  
created : 2023-08-21T15:43:05





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

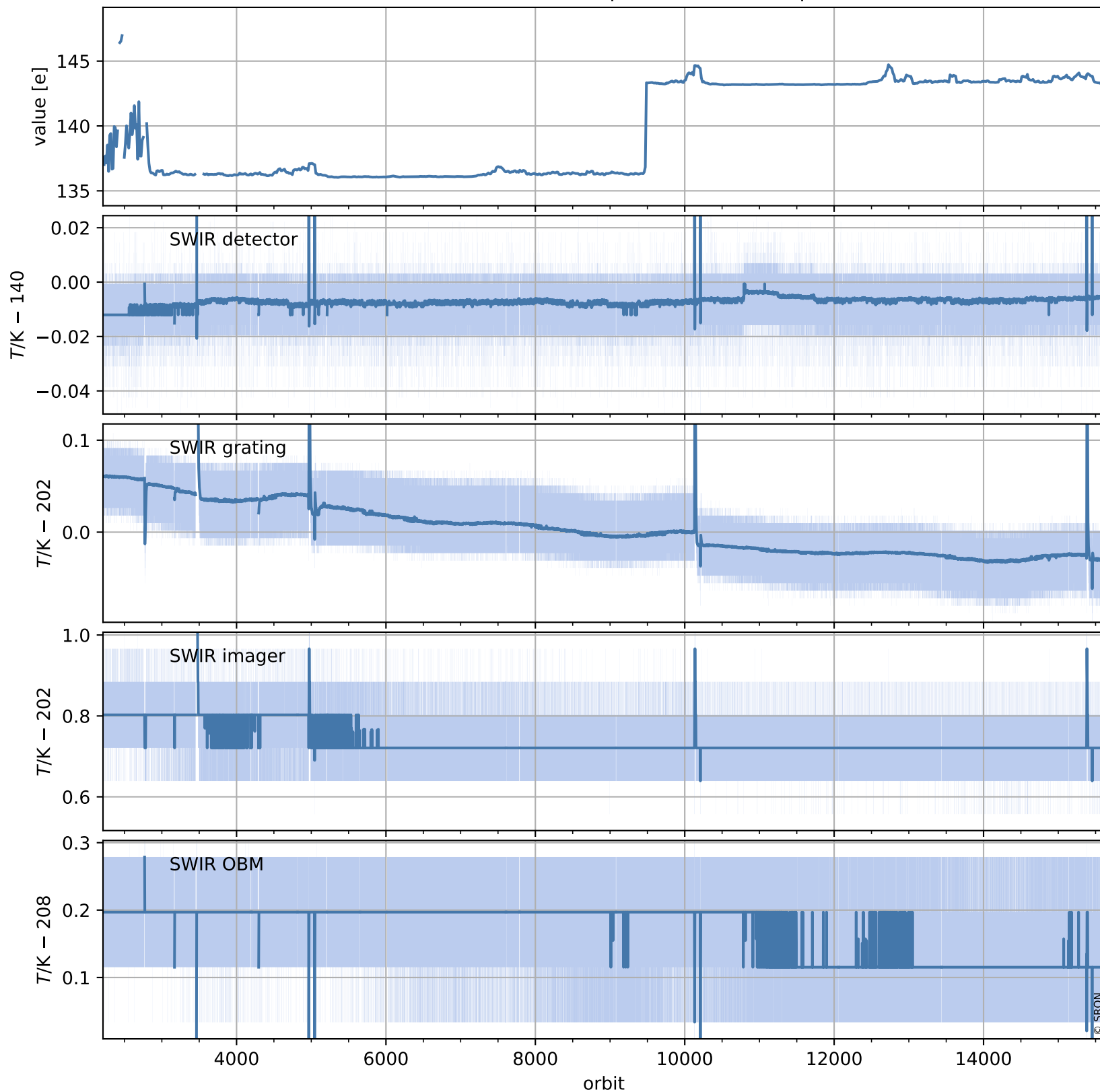
orbits : 12 in [15532, 15622]  
coverage : 2020-10-12 / 2020-10-18  
created : 2023-08-21T15:43:05



# Tropomi SWIR background noise (swir)

orbits : [2212, 15622]  
coverage : 2018-03-18 / 2020-10-18  
created : 2023-08-21T15:43:06

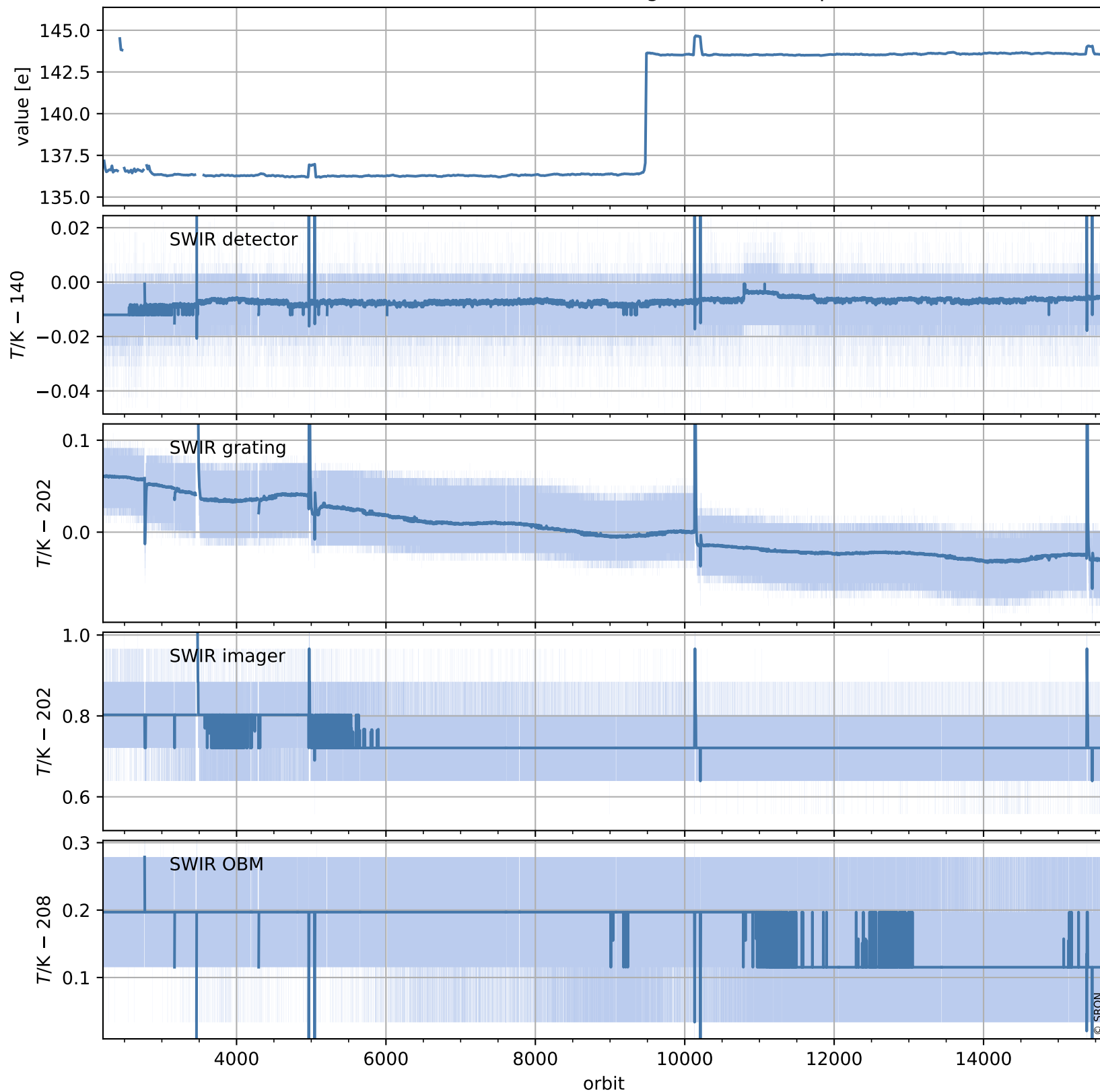
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15622]  
coverage : 2018-03-18 / 2020-10-18  
created : 2023-08-21T15:43:06

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15622]  
coverage : 2018-03-18 / 2020-10-18  
created : 2023-08-21T15:43:07

## trend of normalized read-noise & temperatures

