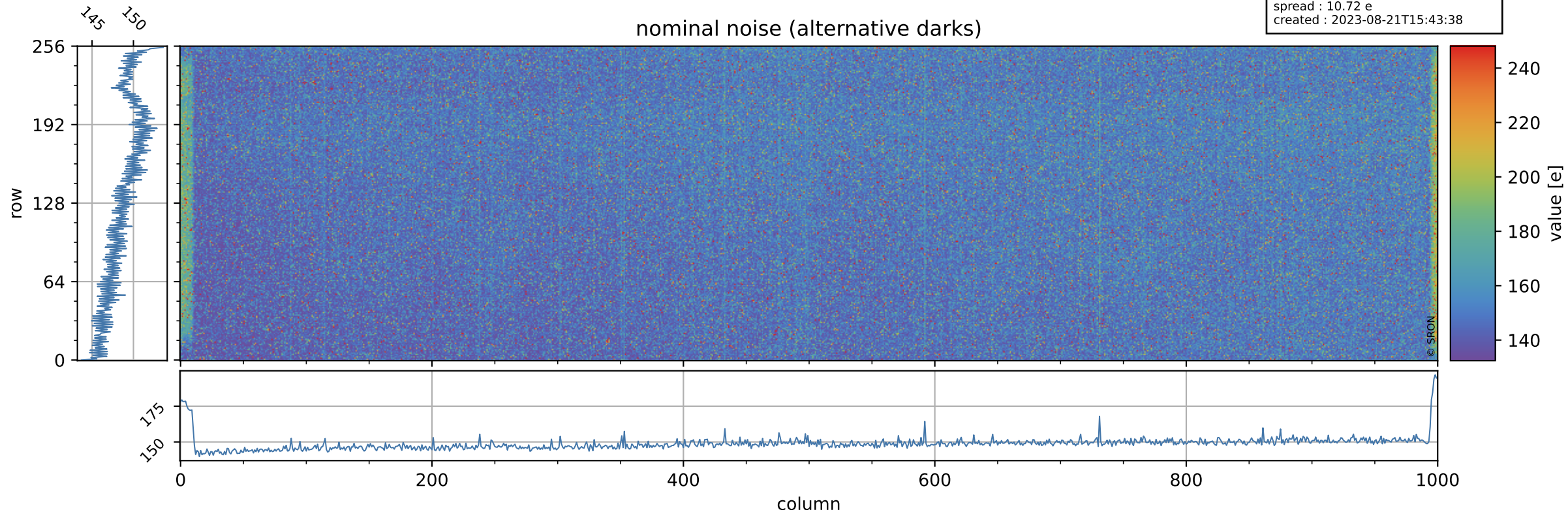


# Tropomi SWIR background noise (swir)

orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
n\_coad, t\_exp : 1, 1.0783  
median : 148.62 e  
spread : 10.72 e  
created : 2023-08-21T15:43:38

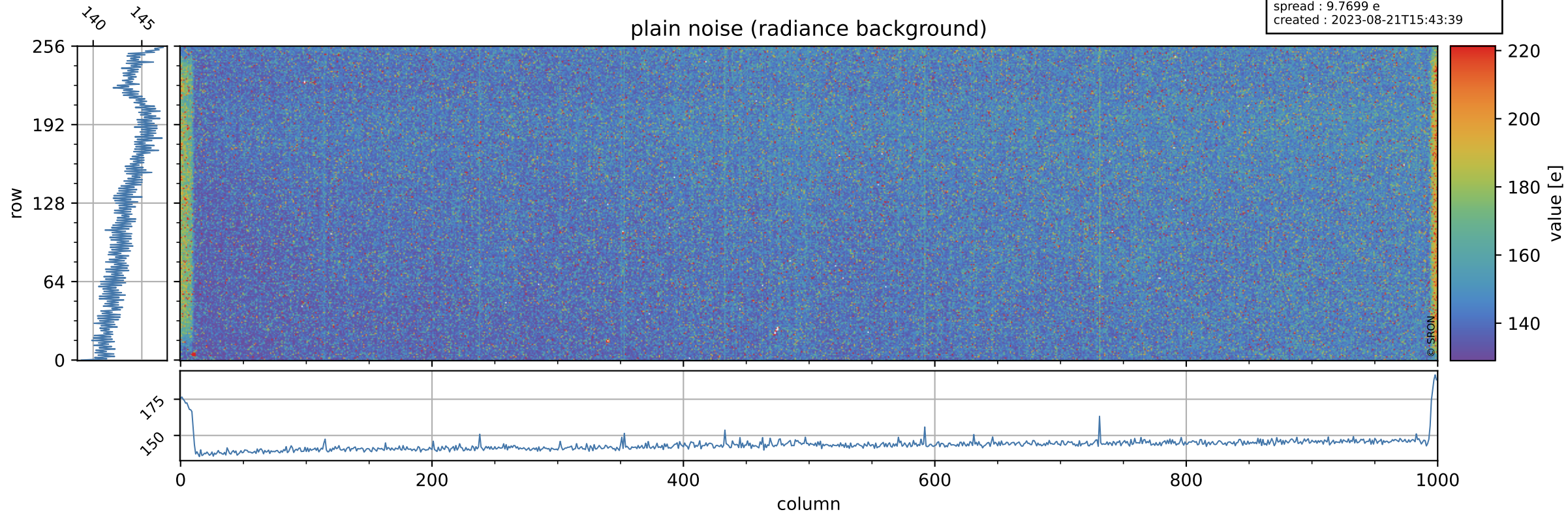
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.41 e  
spread : 9.7699 e  
created : 2023-08-21T15:43:39

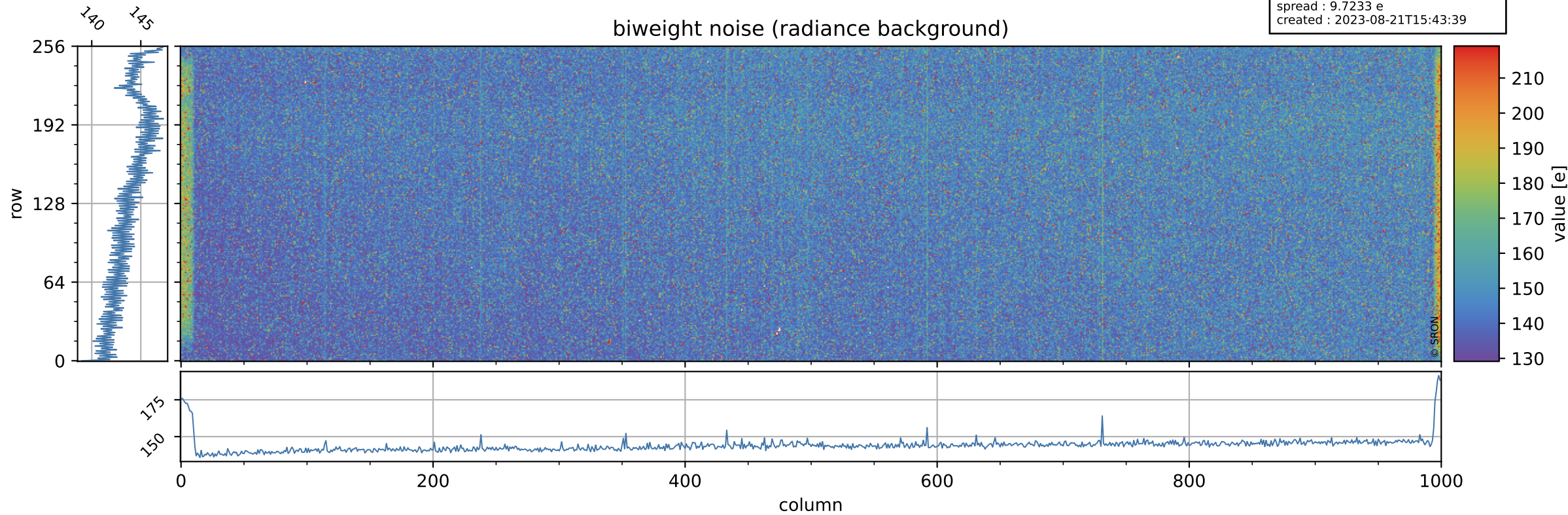
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
n\_coad, t\_exp : 1, 0.8383  
median : 143.72 e  
spread : 9.7233 e  
created : 2023-08-21T15:43:39

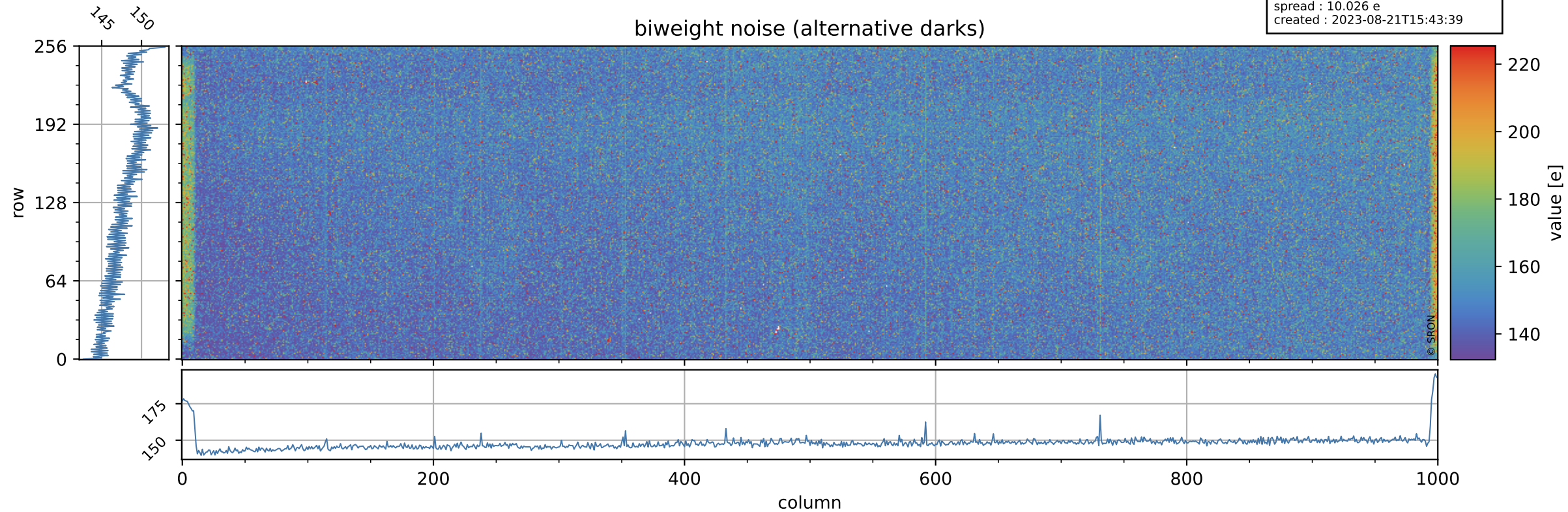
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
n\_coad, t\_exp : 1, 1.0783  
median : 147.7 e  
spread : 10.026 e  
created : 2023-08-21T15:43:39

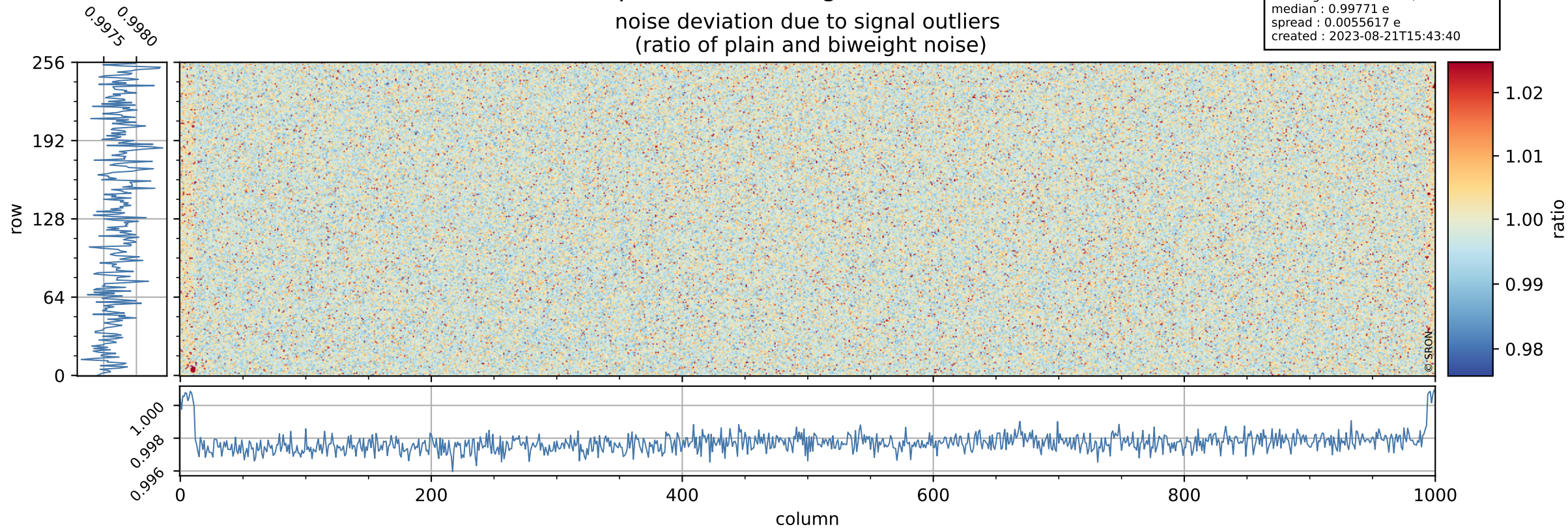
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

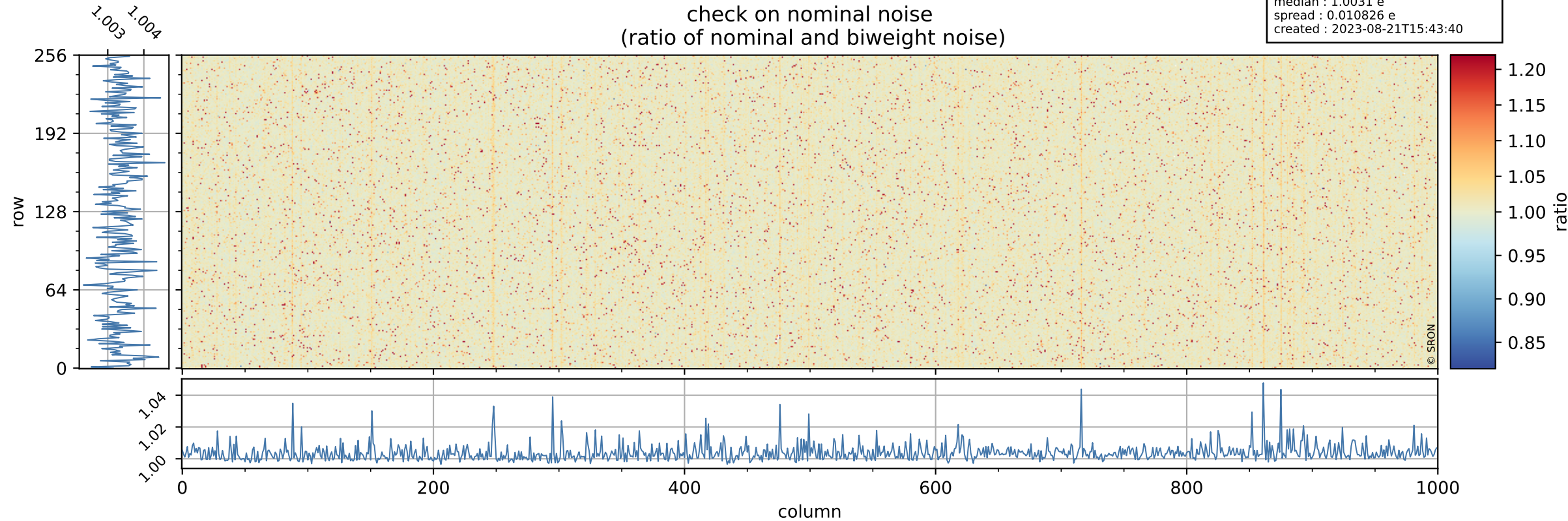
orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
median : 0.99771 e  
spread : 0.0055617 e  
created : 2023-08-21T15:43:40



# Tropomi SWIR background noise (swir)

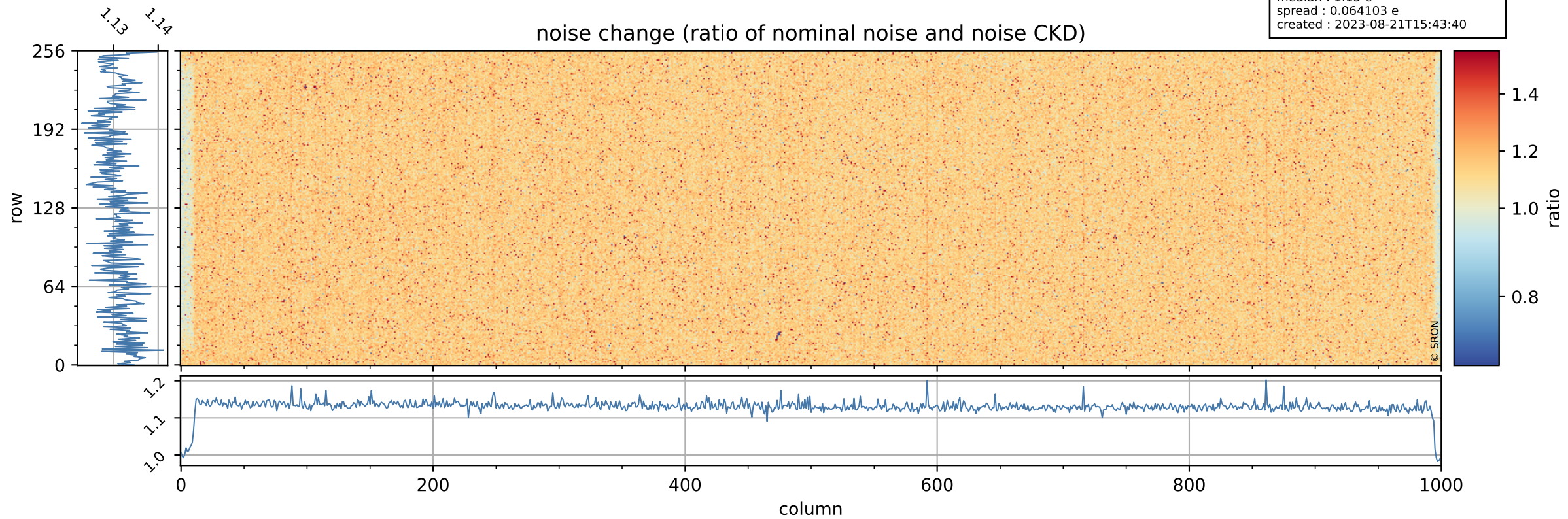
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
median : 1.0031 e  
spread : 0.010826 e  
created : 2023-08-21T15:43:40



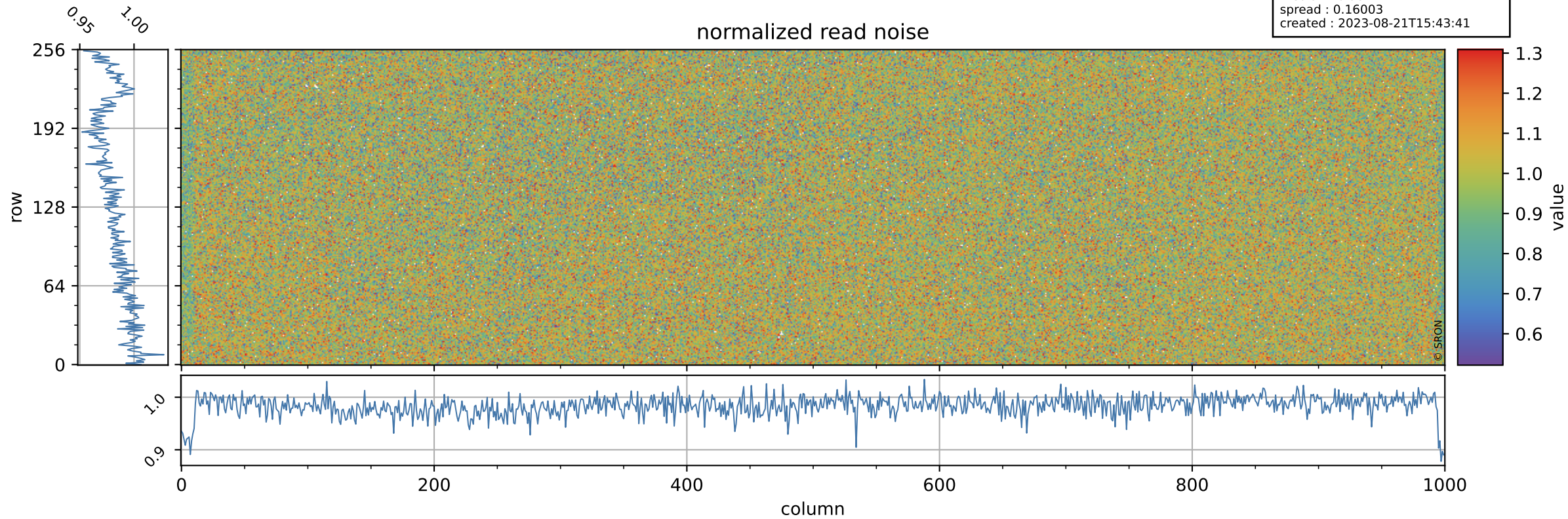
# Tropomi SWIR background noise (swir)

orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
median : 1.13 e  
spread : 0.064103 e  
created : 2023-08-21T15:43:40



# Tropomi SWIR background noise (swir)

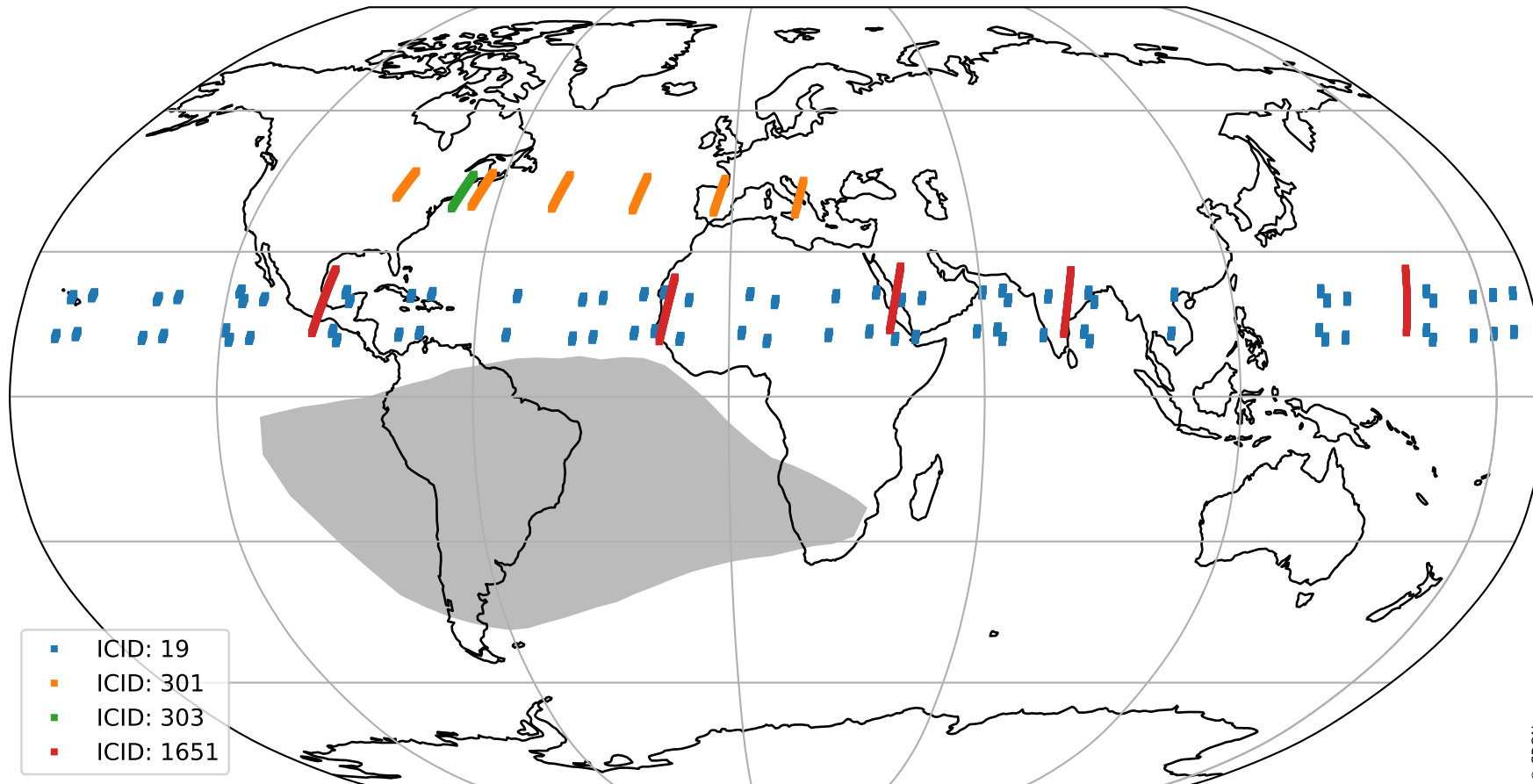
orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
median : 0.98211  
spread : 0.16003  
created : 2023-08-21T15:43:41





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

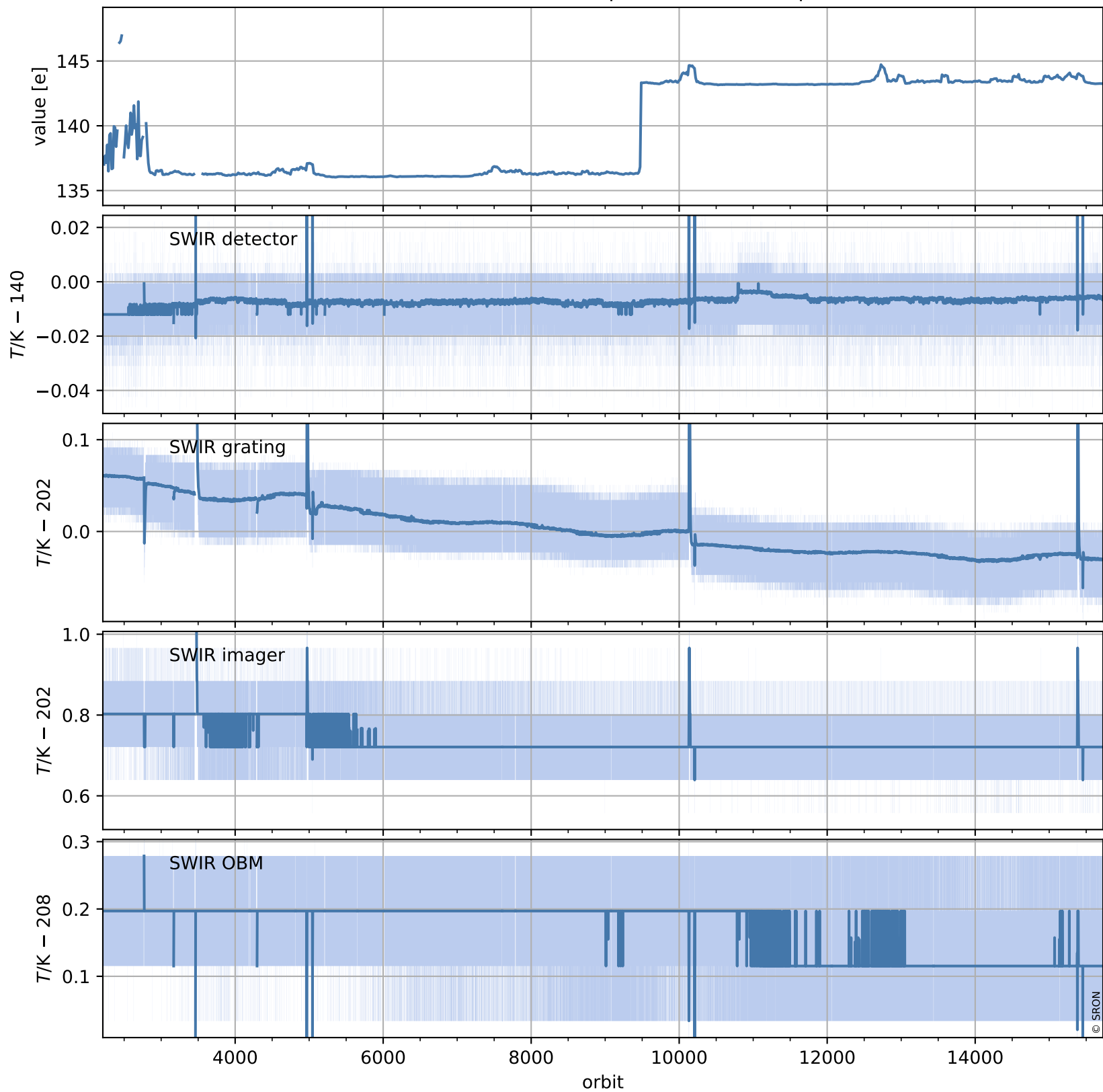
orbits : 12 in [15637, 15727]  
coverage : 2020-10-19 / 2020-10-25  
created : 2023-08-21T15:43:41



# Tropomi SWIR background noise (swir)

orbits : [2212, 15727]  
coverage : 2018-03-18 / 2020-10-25  
created : 2023-08-21T15:43:41

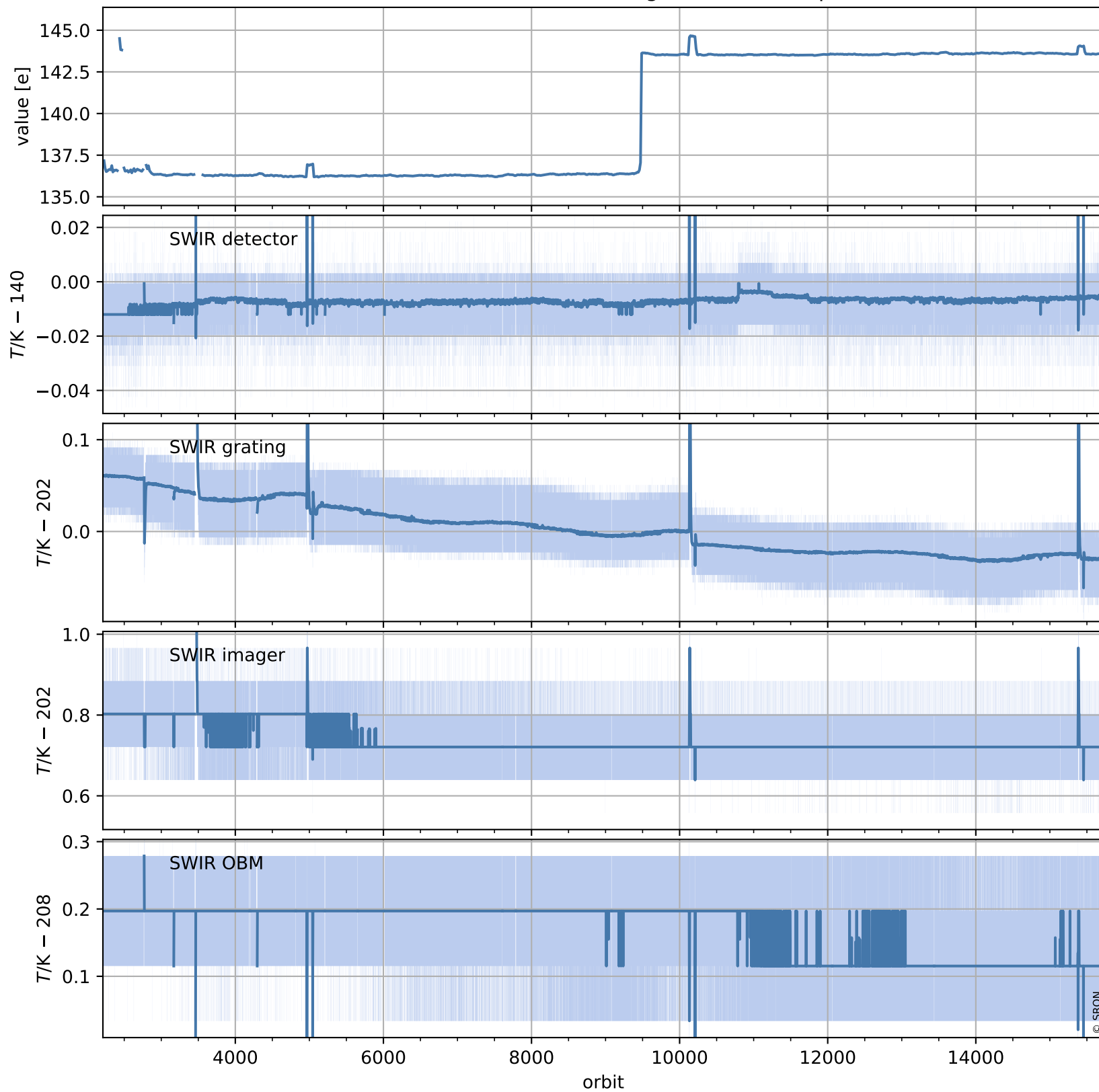
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15727]  
coverage : 2018-03-18 / 2020-10-25  
created : 2023-08-21T15:43:42

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15727]  
coverage : 2018-03-18 / 2020-10-25  
created : 2023-08-21T15:43:43

## trend of normalized read-noise & temperatures

