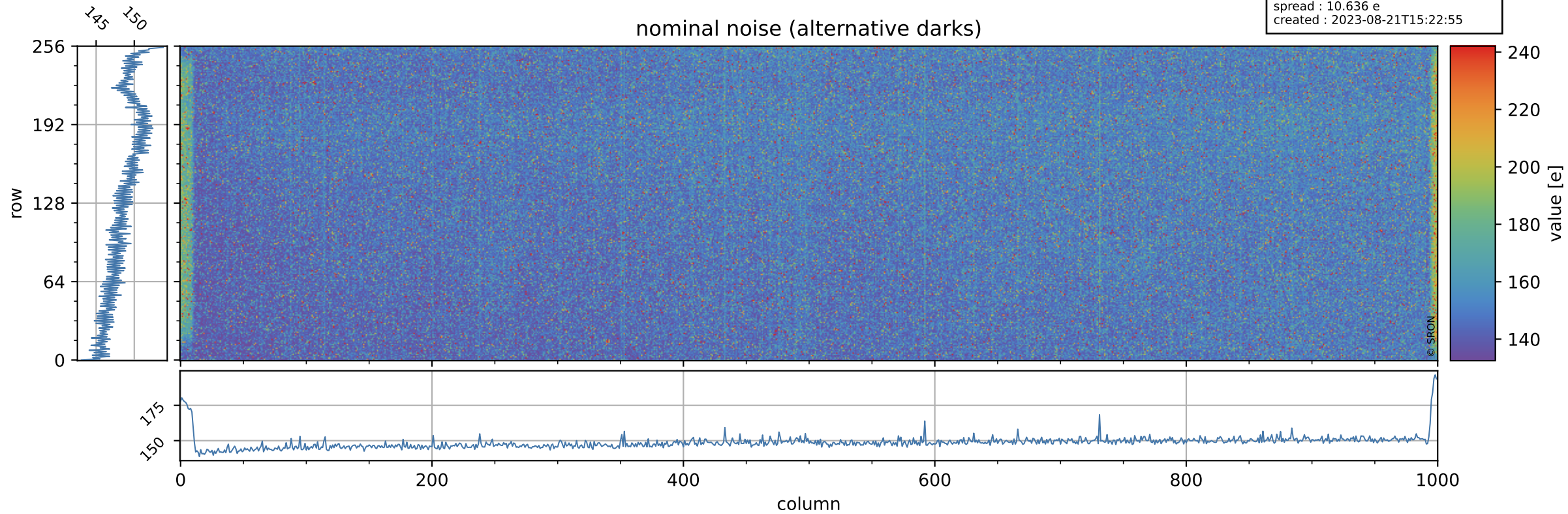


# Tropomi SWIR background noise (swir)

orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
n\_coad, t\_exp : 1, 1.0783  
median : 148.54 e  
spread : 10.636 e  
created : 2023-08-21T15:22:55

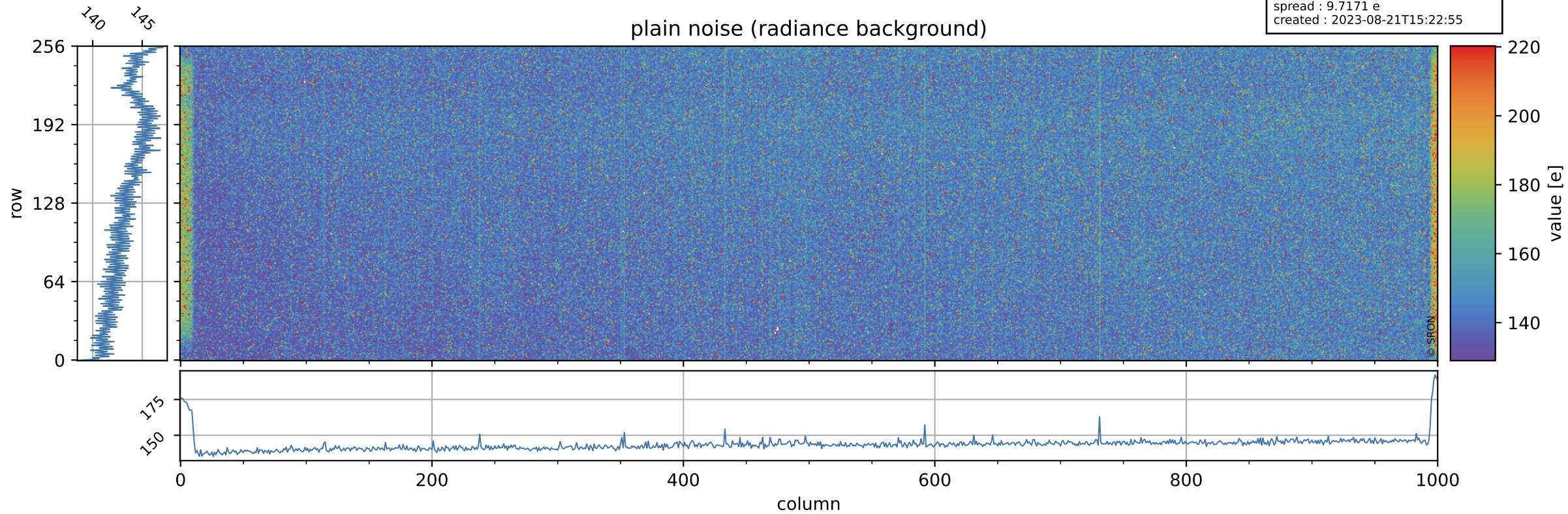
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.34 e  
spread : 9.7171 e  
created : 2023-08-21T15:22:55

## plain noise (radiance background)

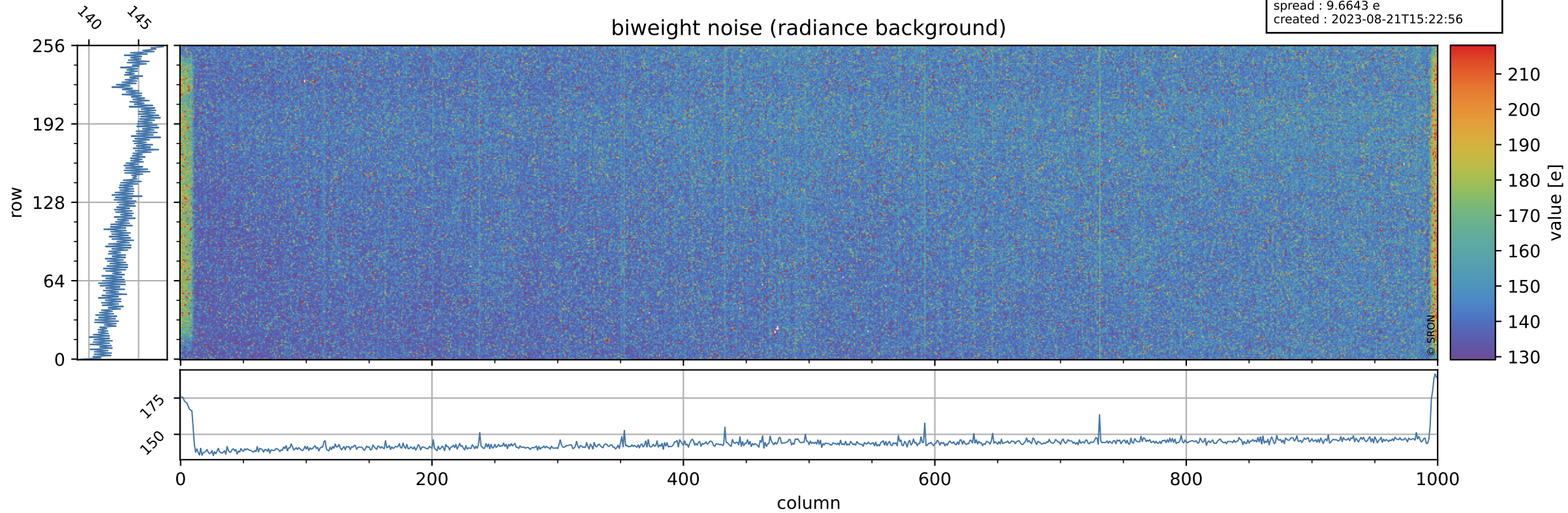




# Tropomi SWIR background noise (swir)

orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 9.6643 e  
created : 2023-08-21T15:22:56

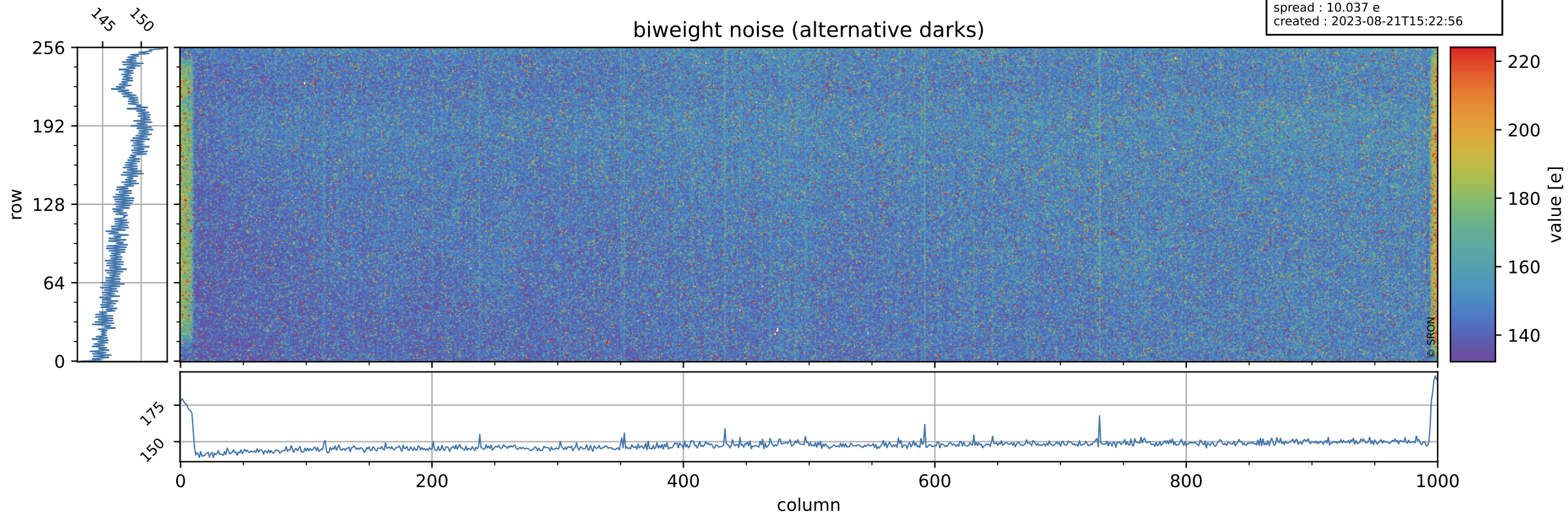
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
n\_coad, t\_exp : 1, 1.0783  
median : 147.63 e  
spread : 10.037 e  
created : 2023-08-21T15:22:56

## biweight noise (alternative darks)

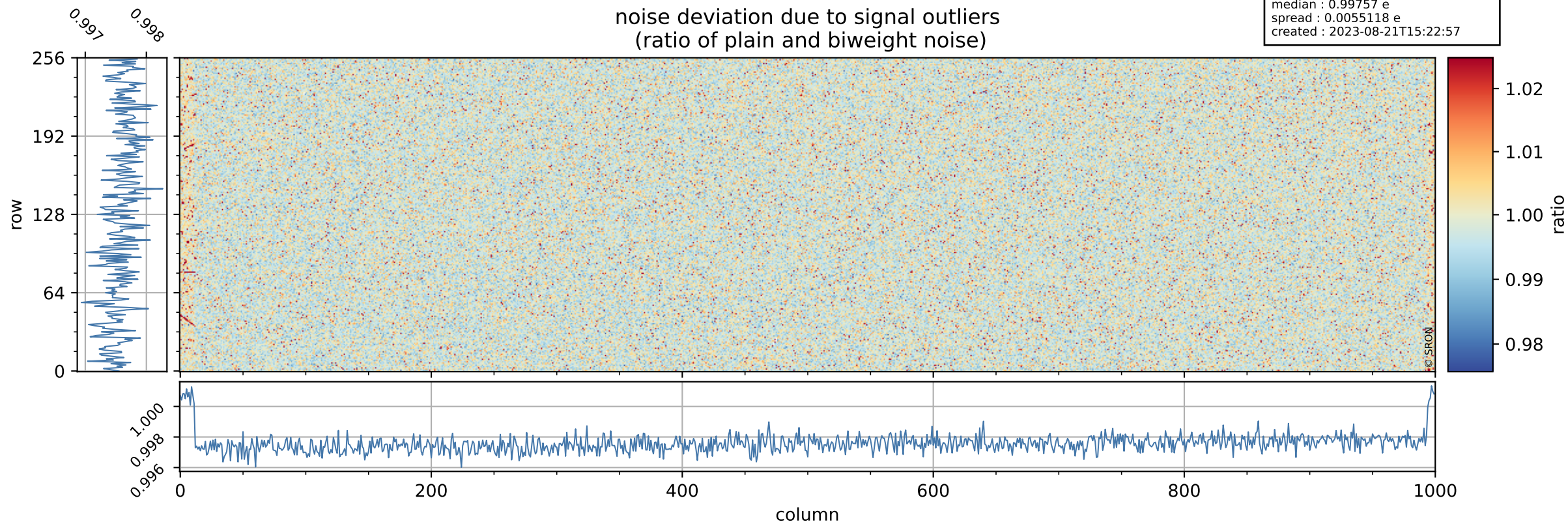




# Tropomi SWIR background noise (swir)

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

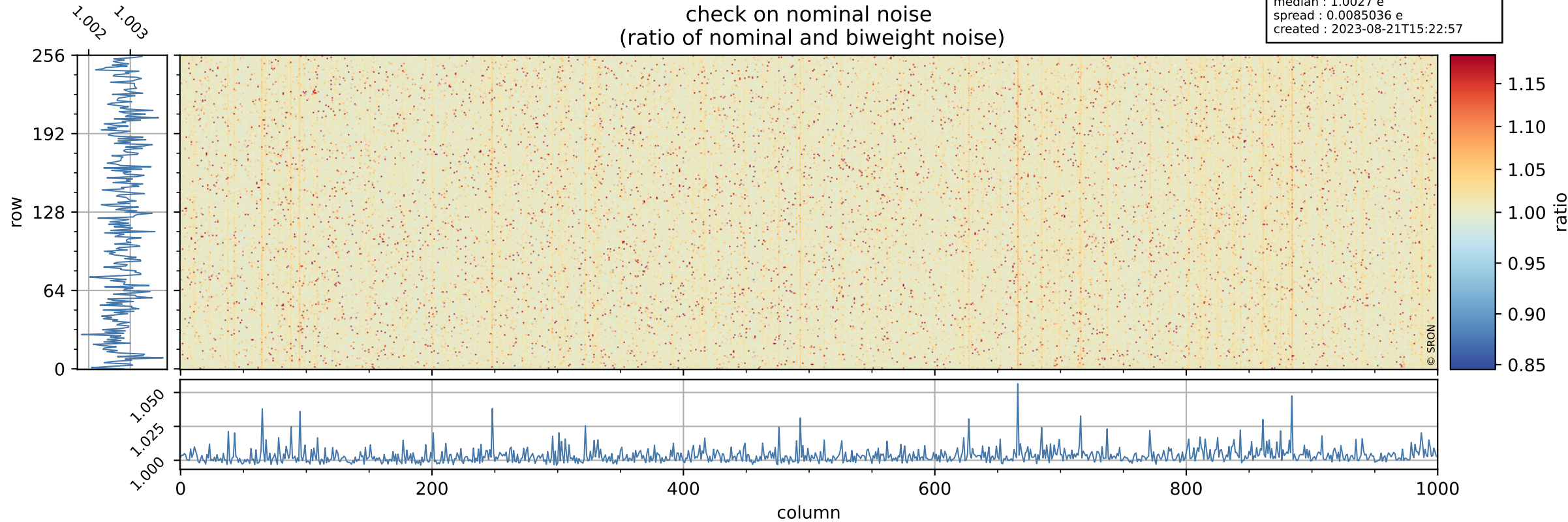
orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
median : 0.99757 e  
spread : 0.0055118 e  
created : 2023-08-21T15:22:57



# Tropomi SWIR background noise (swir)

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

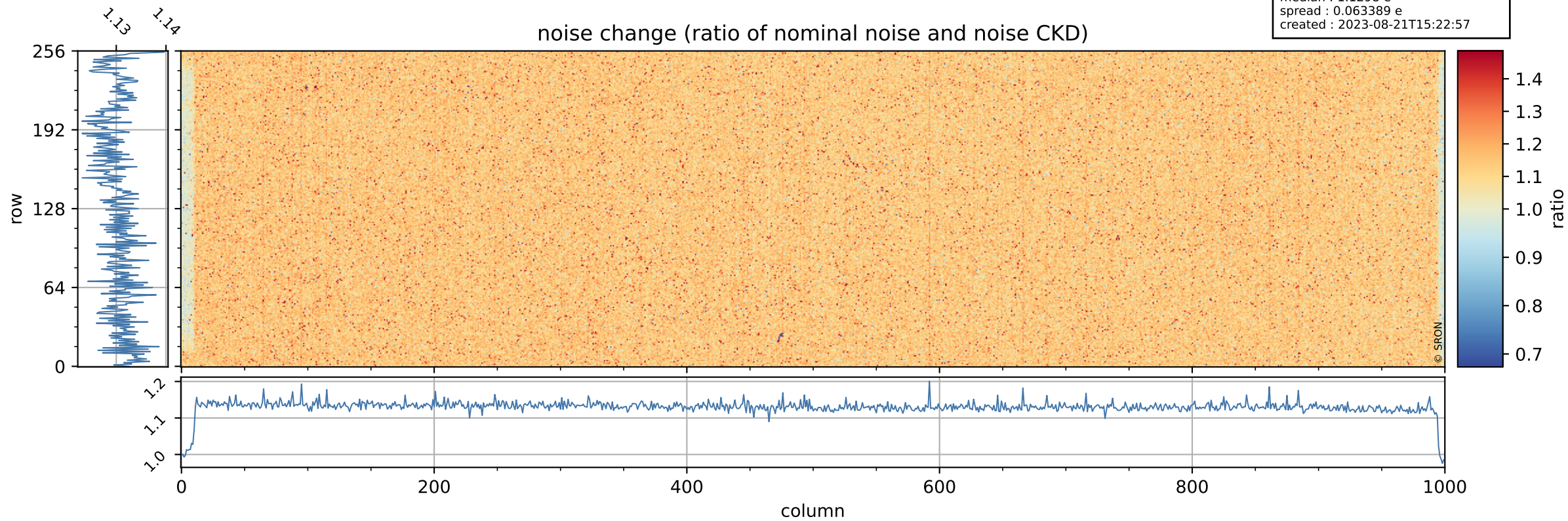
orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
median : 1.0027 e  
spread : 0.0085036 e  
created : 2023-08-21T15:22:57





# Tropomi SWIR background noise (swir)

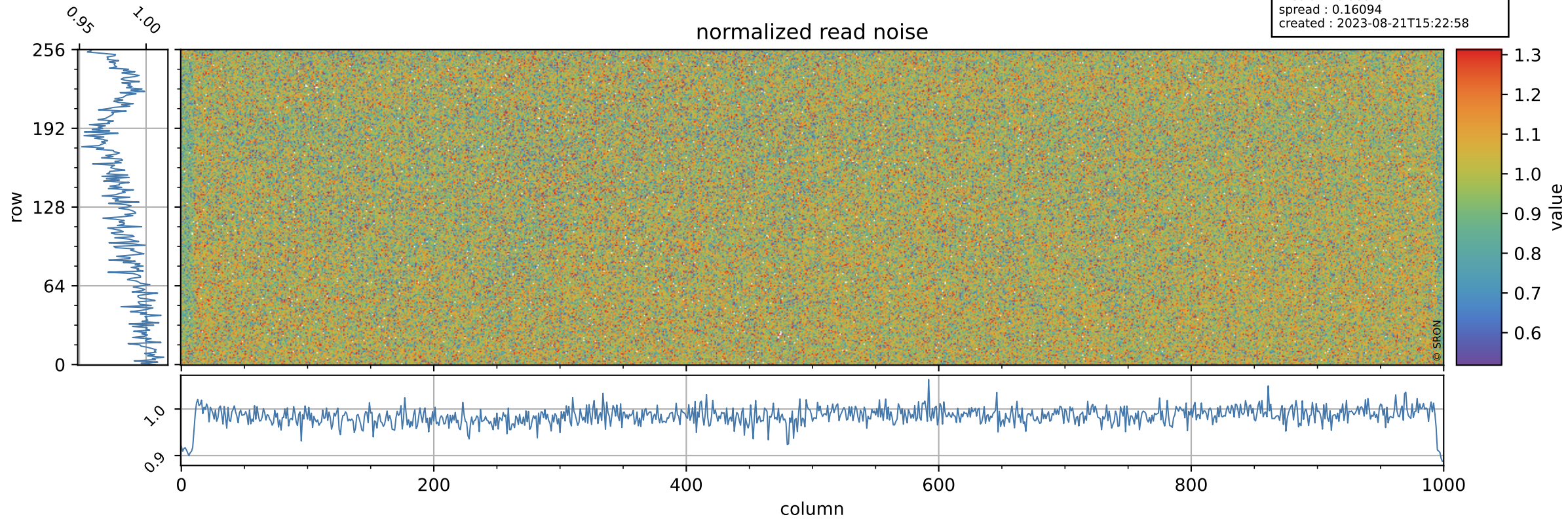
orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
median : 1.1298 e  
spread : 0.063389 e  
created : 2023-08-21T15:22:57





# Tropomi SWIR background noise (swir)

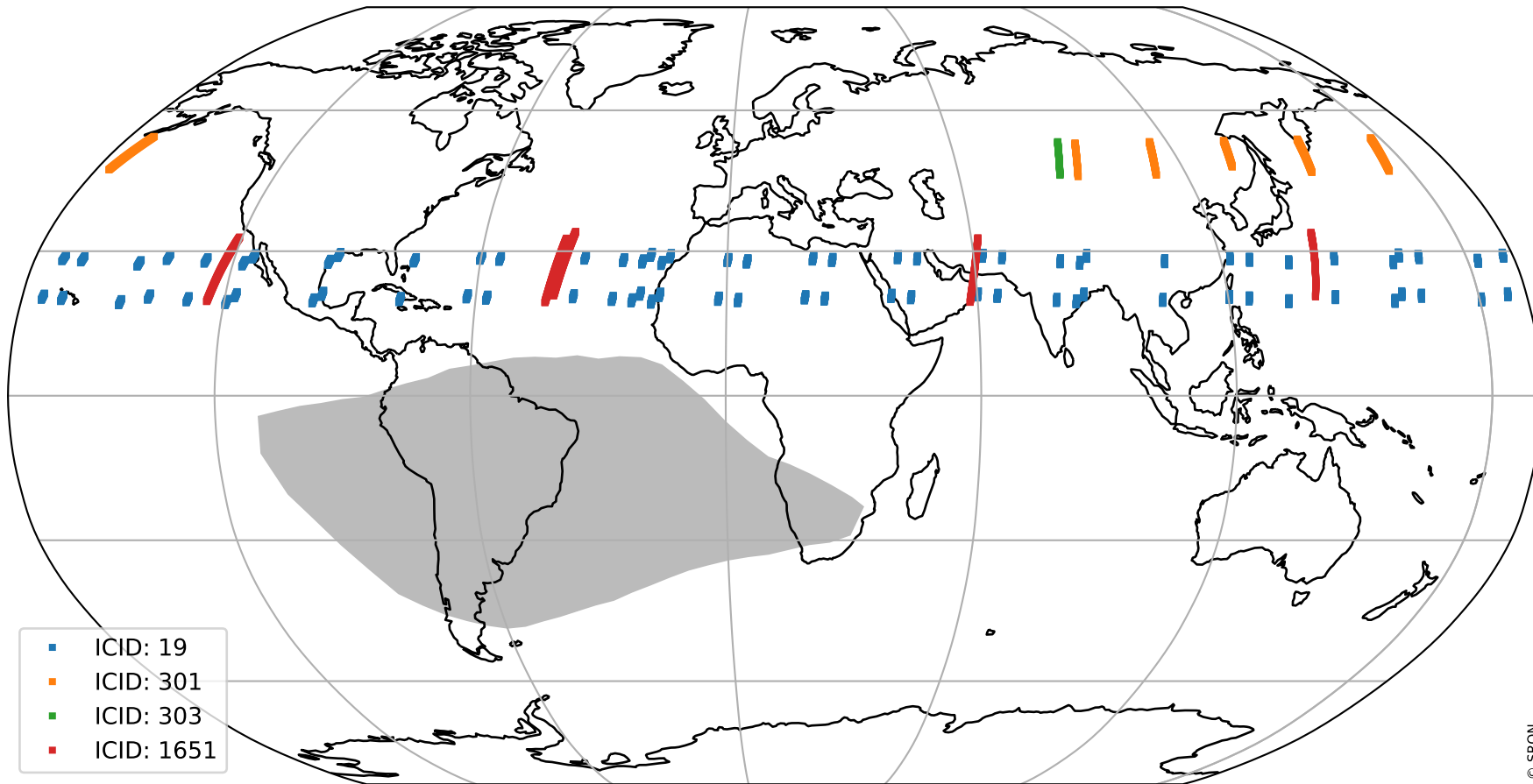
orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
median : 0.98329  
spread : 0.16094  
created : 2023-08-21T15:22:58





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

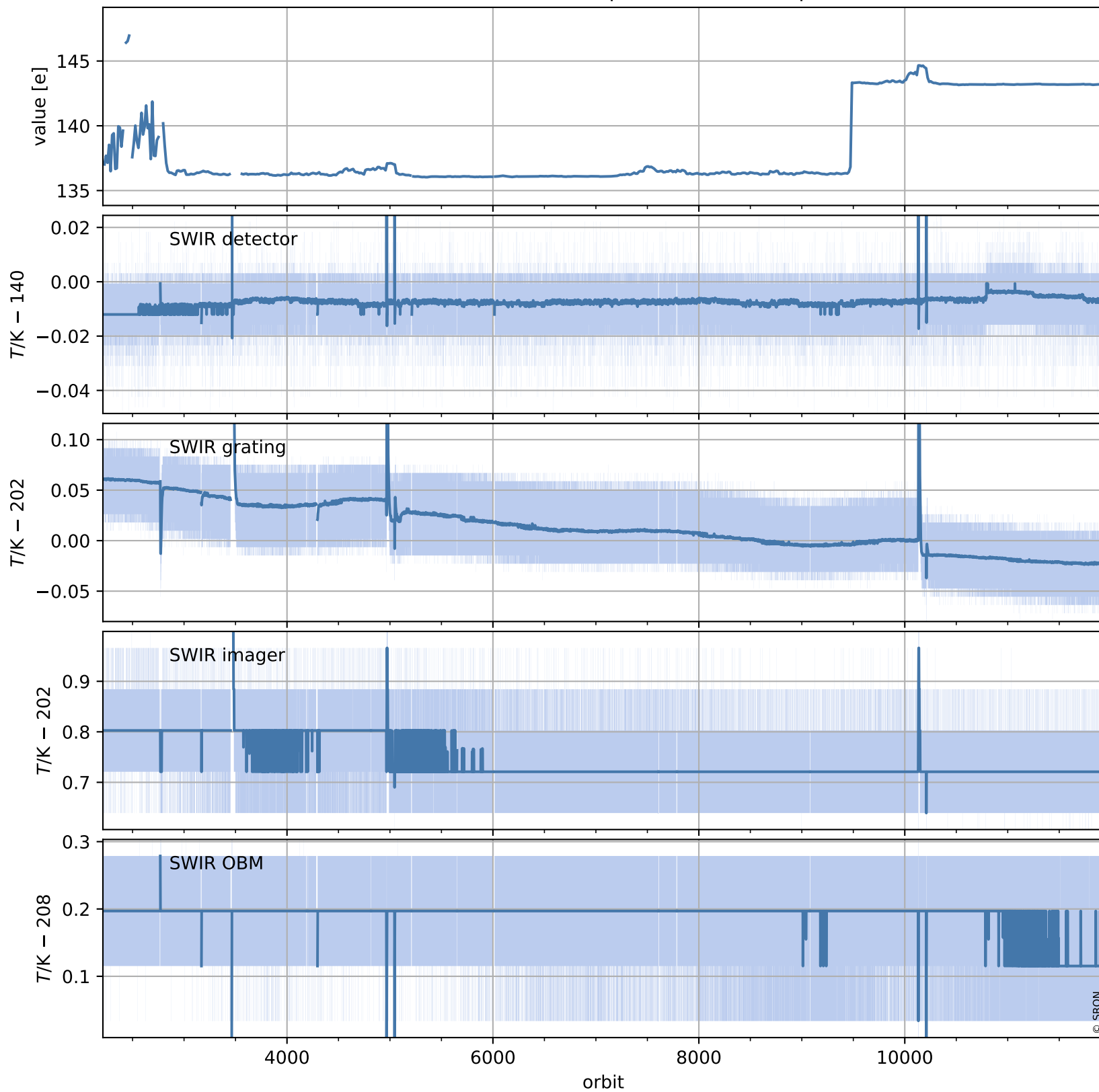
orbits : 12 in [11842, 11932]  
coverage : 2020-01-26 / 2020-02-01  
created : 2023-08-21T15:22:58



# Tropomi SWIR background noise (swir)

orbits : [2212, 11932]  
coverage : 2018-03-18 / 2020-02-01  
created : 2023-08-21T15:22:58

## trend of detector median of plain noise & temperatures

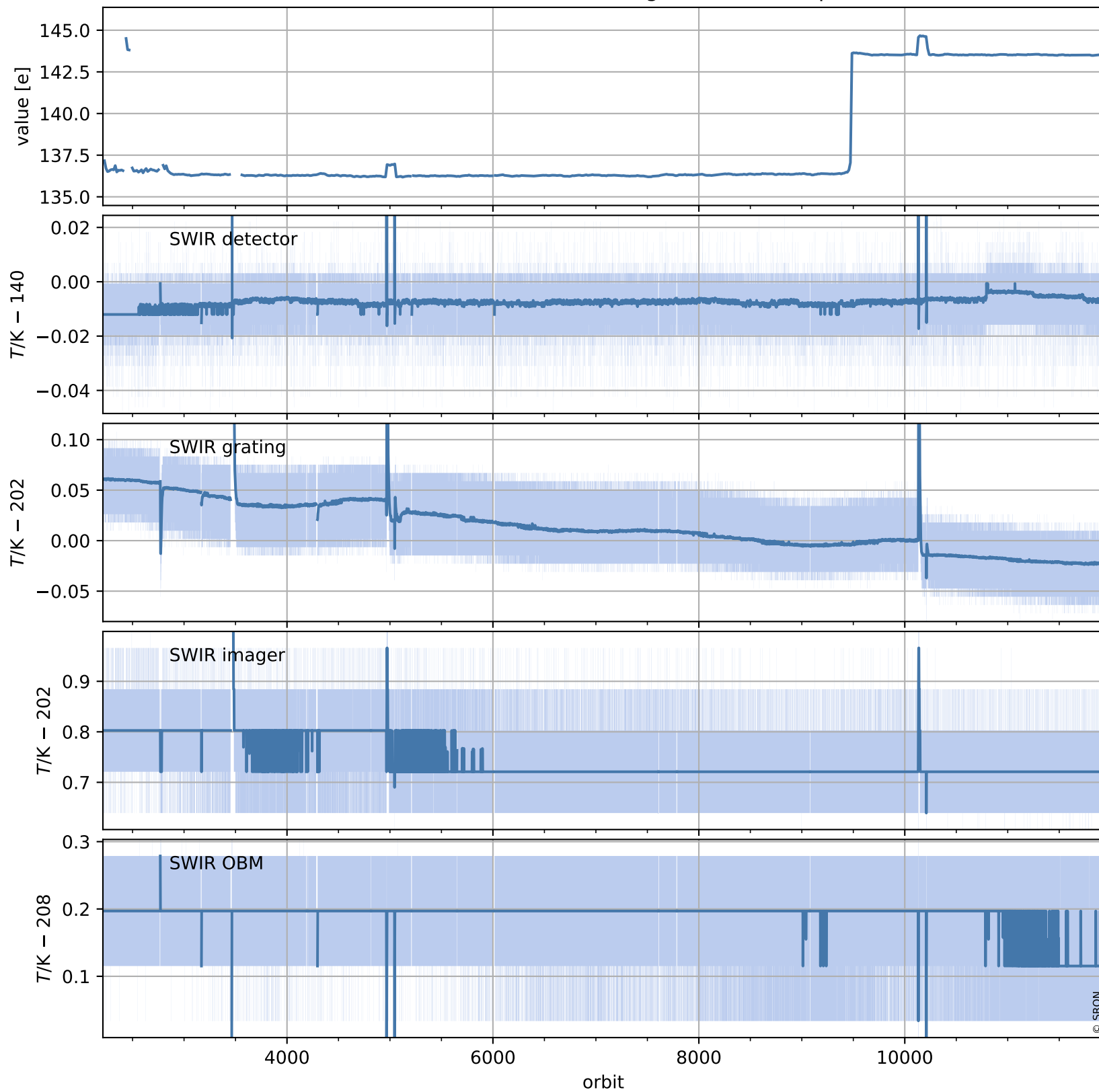




# Tropomi SWIR background noise (swir)

orbits : [2212, 11932]  
coverage : 2018-03-18 / 2020-02-01  
created : 2023-08-21T15:22:59

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 11932]  
coverage : 2018-03-18 / 2020-02-01  
created : 2023-08-21T15:23:00

## trend of normalized read-noise & temperatures

