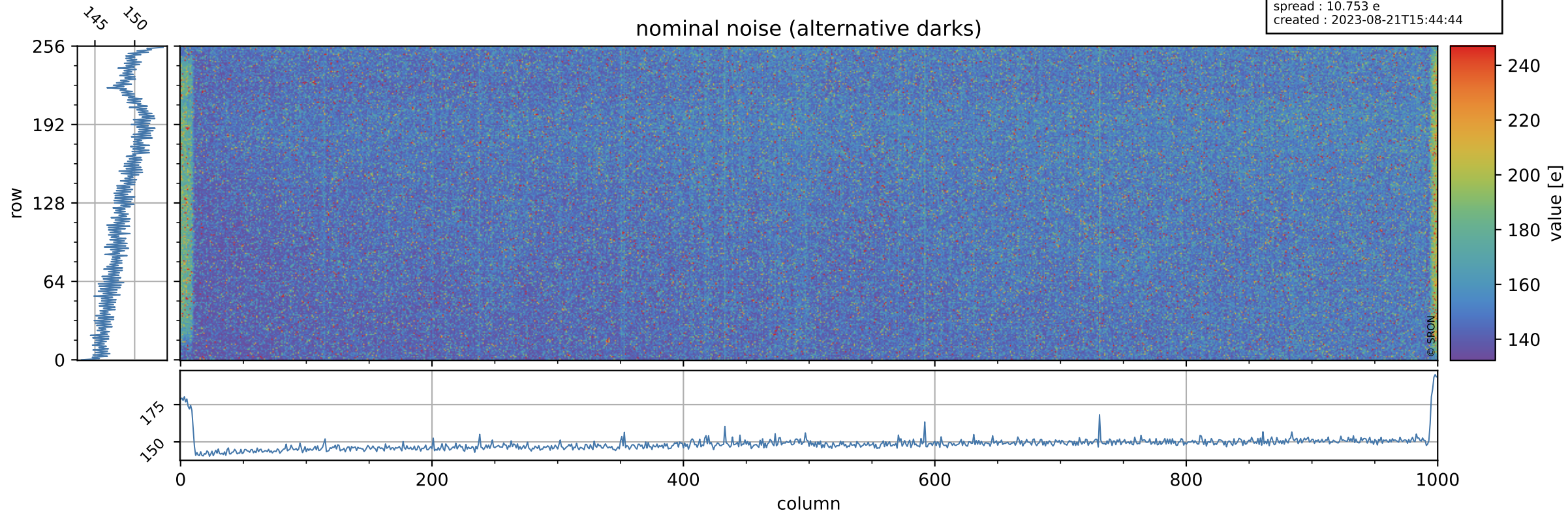


# Tropomi SWIR background noise (swir)

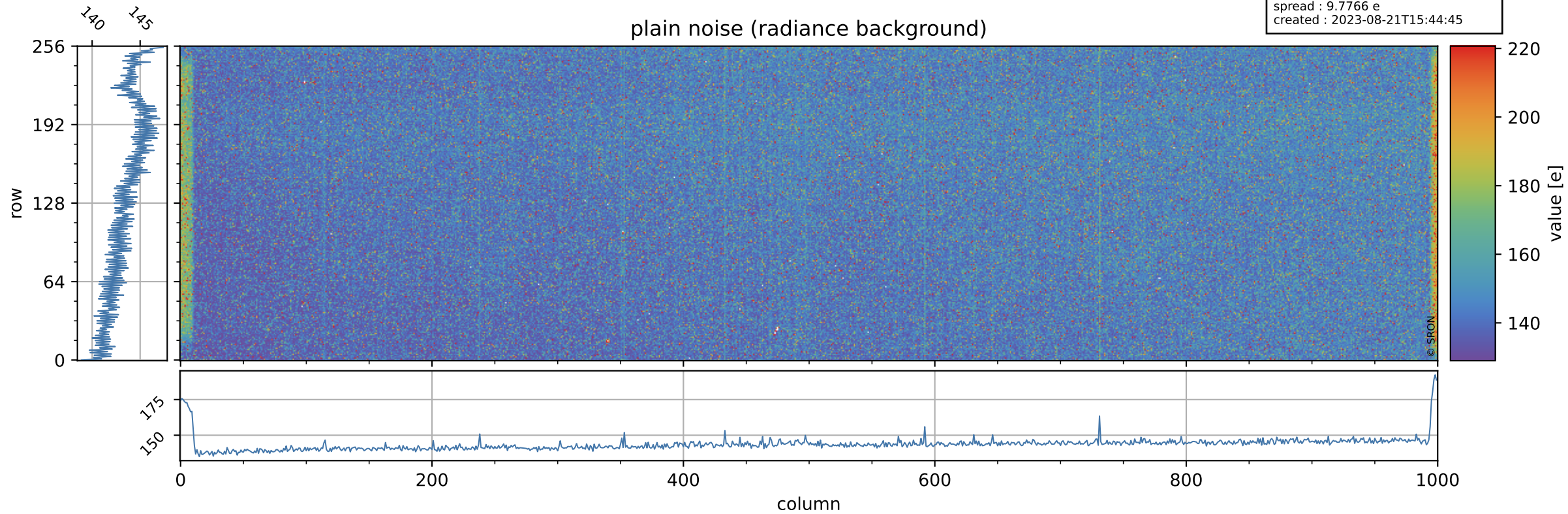
orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
n\_coad, t\_exp : 1, 1.0783  
median : 148.48 e  
spread : 10.753 e  
created : 2023-08-21T15:44:44



# Tropomi SWIR background noise (swir)

orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.44 e  
spread : 9.7766 e  
created : 2023-08-21T15:44:45

plain noise (radiance background)

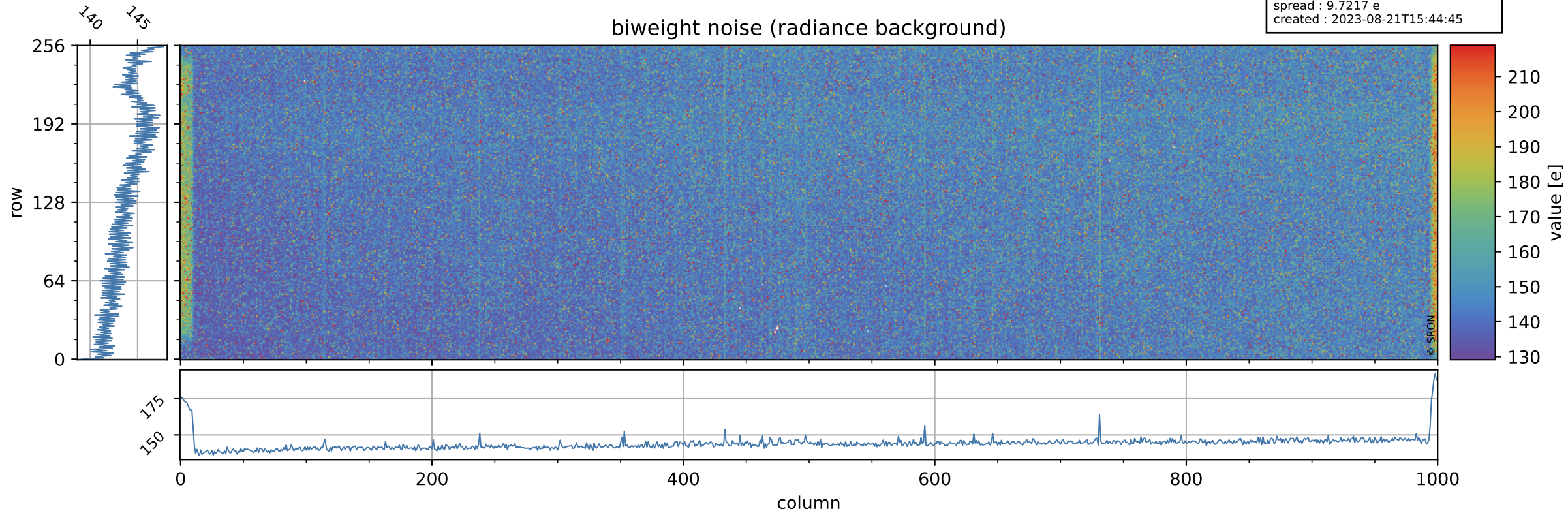




# Tropomi SWIR background noise (swir)

orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
n\_coad, t\_exp : 1, 0.8383  
median : 143.75 e  
spread : 9.7217 e  
created : 2023-08-21T15:44:45

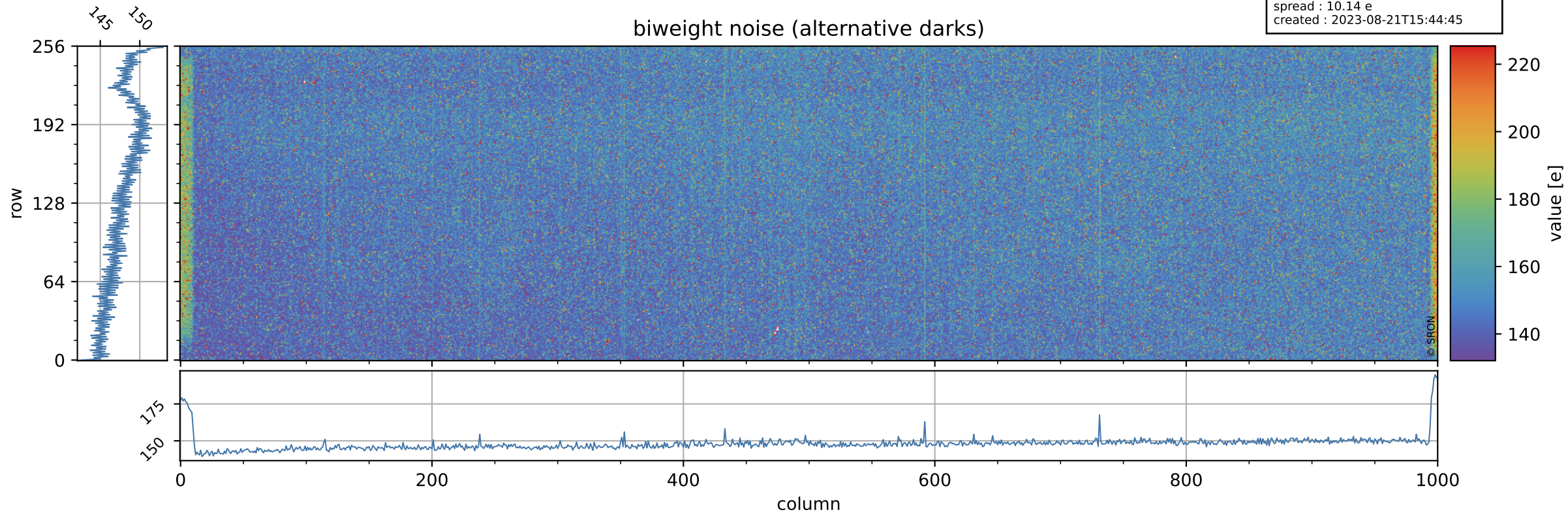
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
n\_coad, t\_exp : 1, 1.0783  
median : 147.69 e  
spread : 10.14 e  
created : 2023-08-21T15:44:45

## biweight noise (alternative darks)

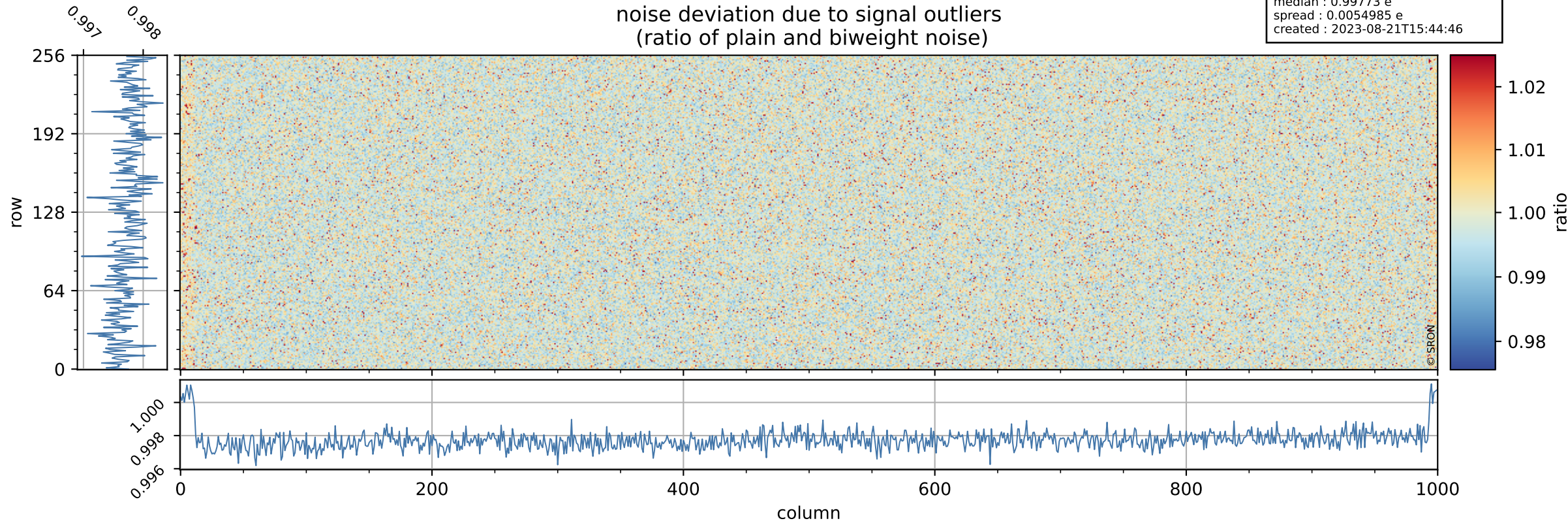




# Tropomi SWIR background noise (swir)

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

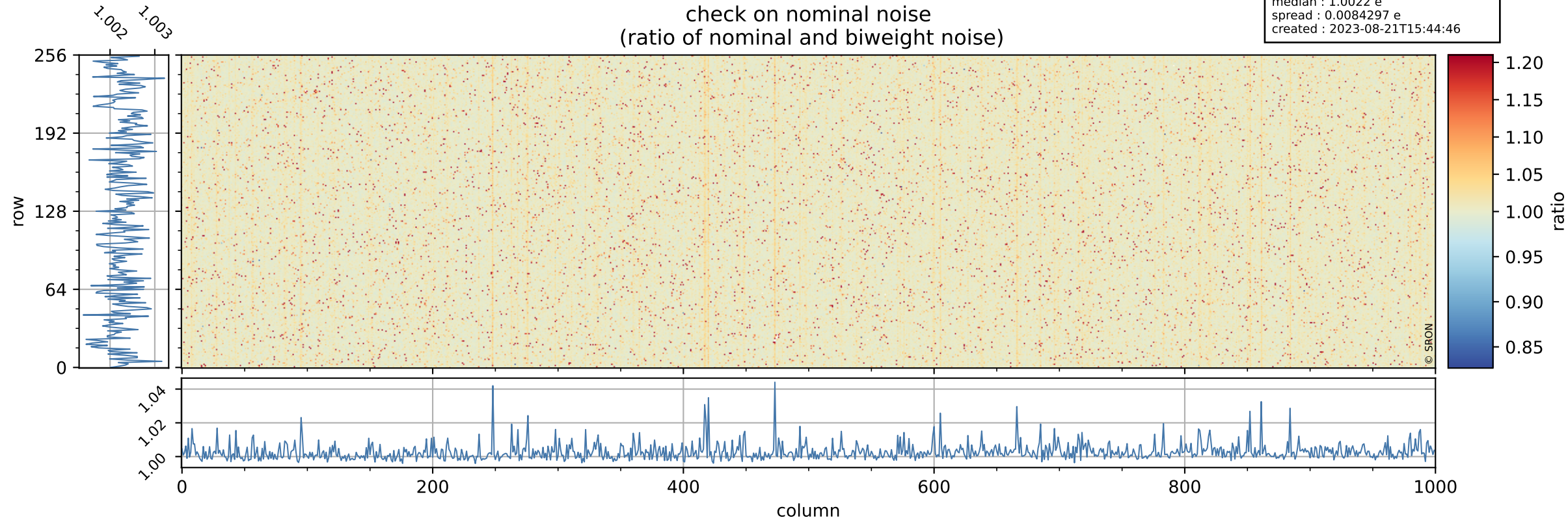
orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
median : 0.99773 e  
spread : 0.0054985 e  
created : 2023-08-21T15:44:46



# Tropomi SWIR background noise (swir)

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

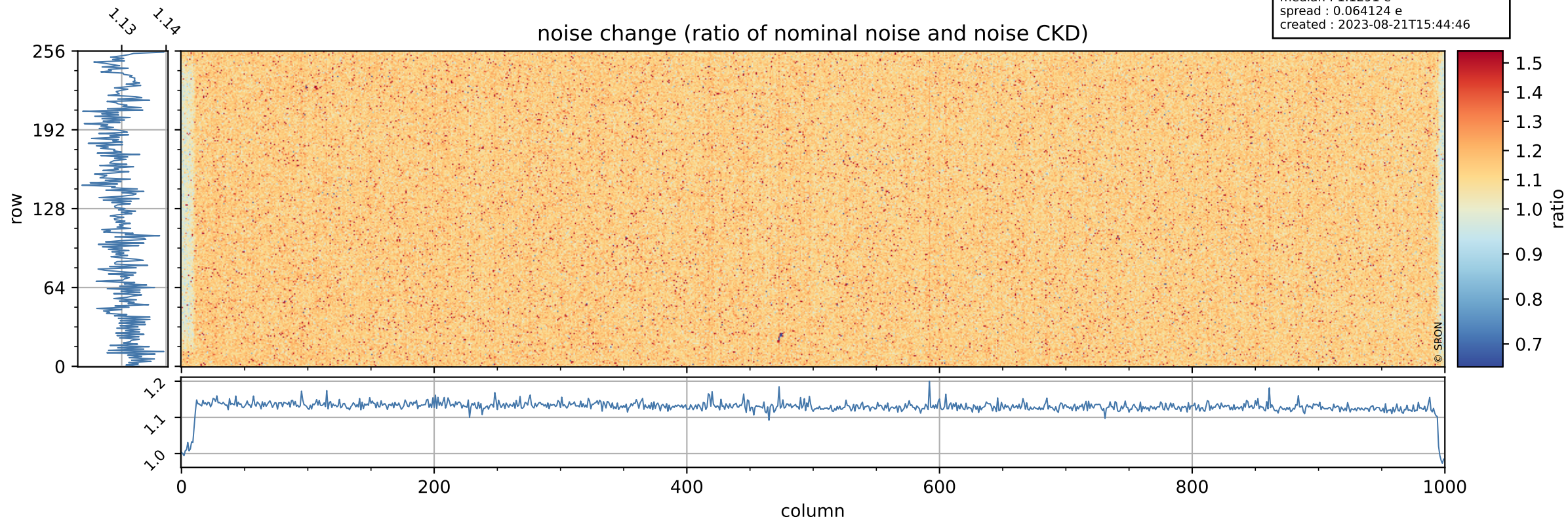
orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
median : 1.0022 e  
spread : 0.0084297 e  
created : 2023-08-21T15:44:46





# Tropomi SWIR background noise (swir)

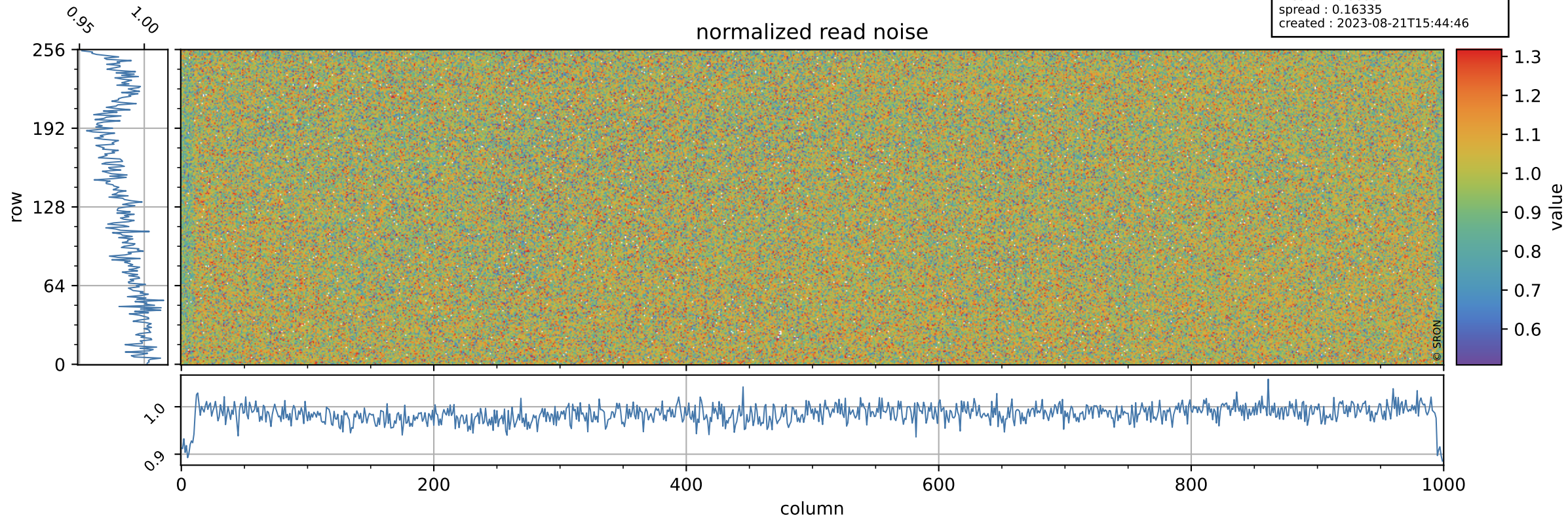
orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
median : 1.1291 e  
spread : 0.064124 e  
created : 2023-08-21T15:44:46





# Tropomi SWIR background noise (swir)

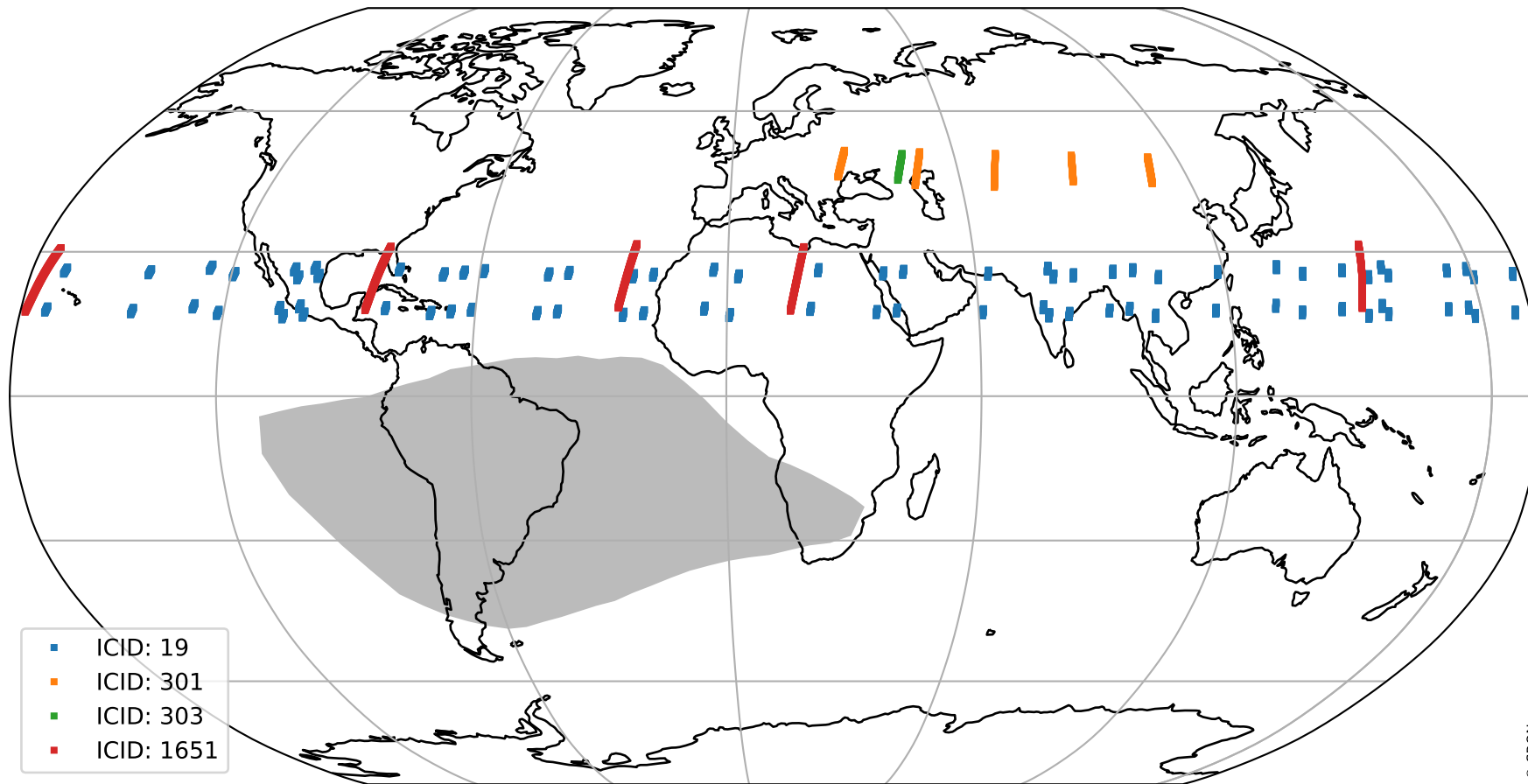
orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
median : 0.98352  
spread : 0.16335  
created : 2023-08-21T15:44:46





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

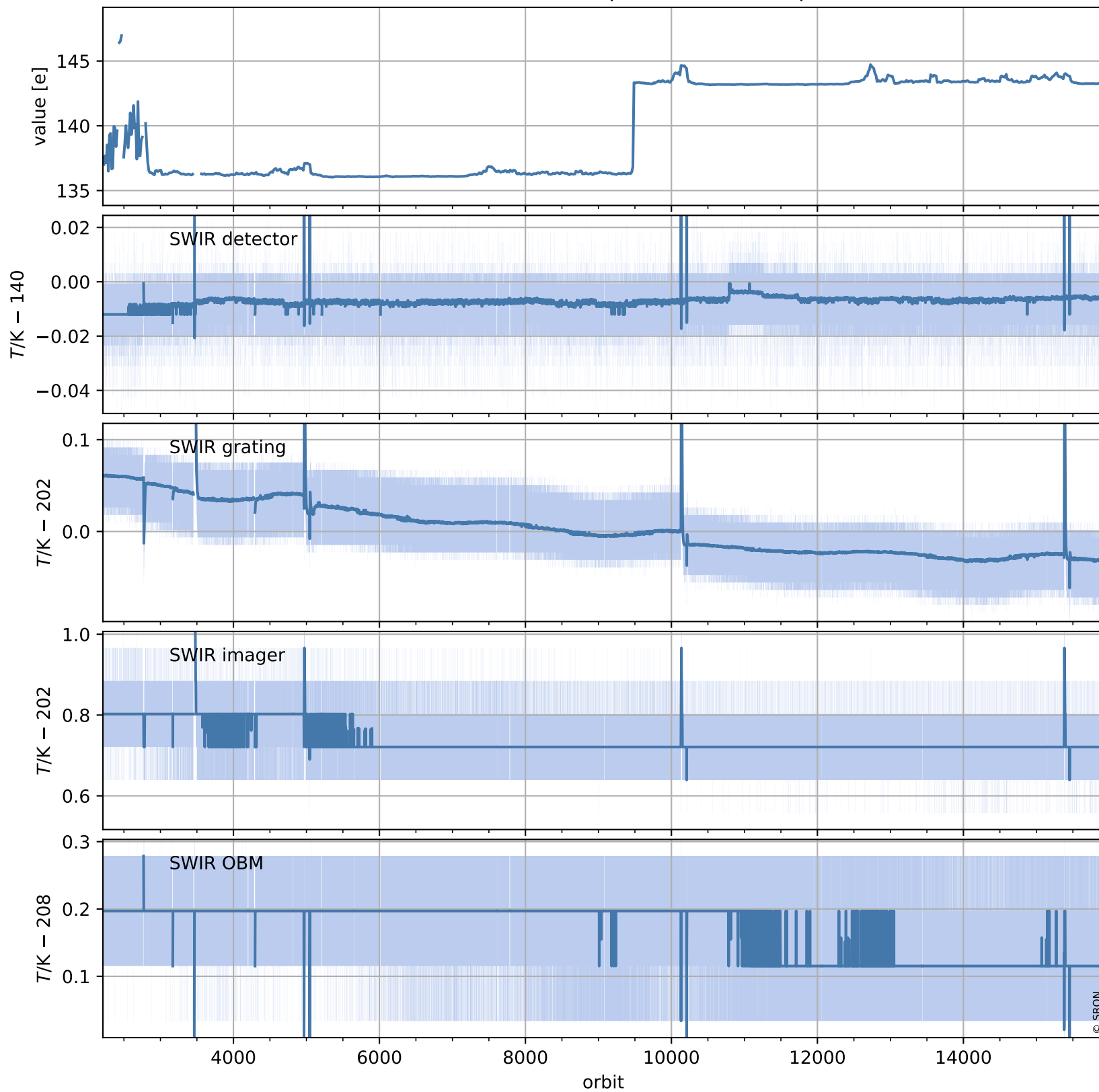
orbits : 11 in [15832, 15922]  
coverage : 2020-11-02 / 2020-11-08  
created : 2023-08-21T15:44:47



# Tropomi SWIR background noise (swir)

orbits : [2212, 15922]  
coverage : 2018-03-18 / 2020-11-08  
created : 2023-08-21T15:44:47

## trend of detector median of plain noise & temperatures

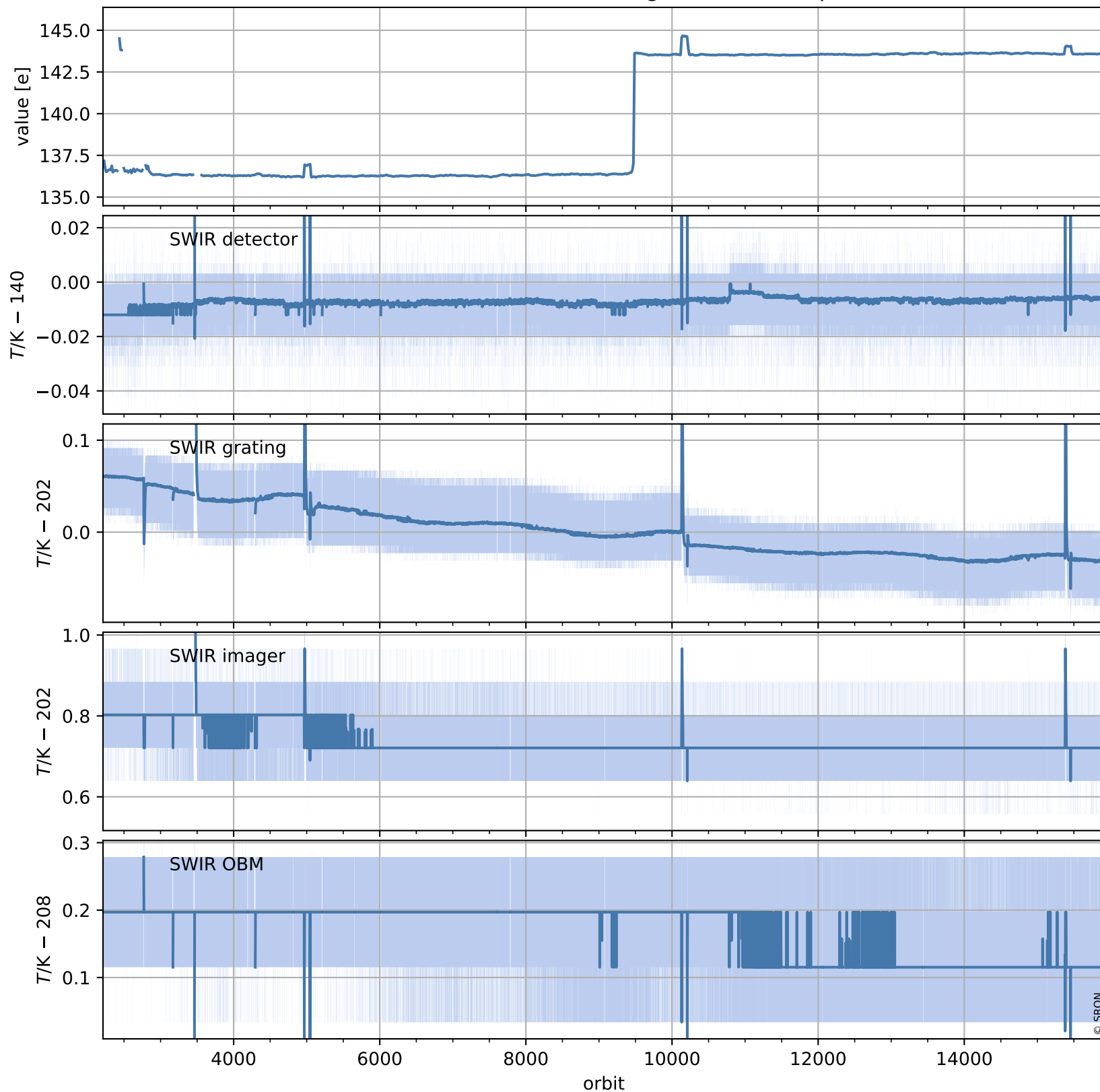




# Tropomi SWIR background noise (swir)

orbits : [2212, 15922]  
coverage : 2018-03-18 / 2020-11-08  
created : 2023-08-21T15:44:48

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 15922]  
coverage : 2018-03-18 / 2020-11-08  
created : 2023-08-21T15:44:48

## trend of normalized read-noise & temperatures

