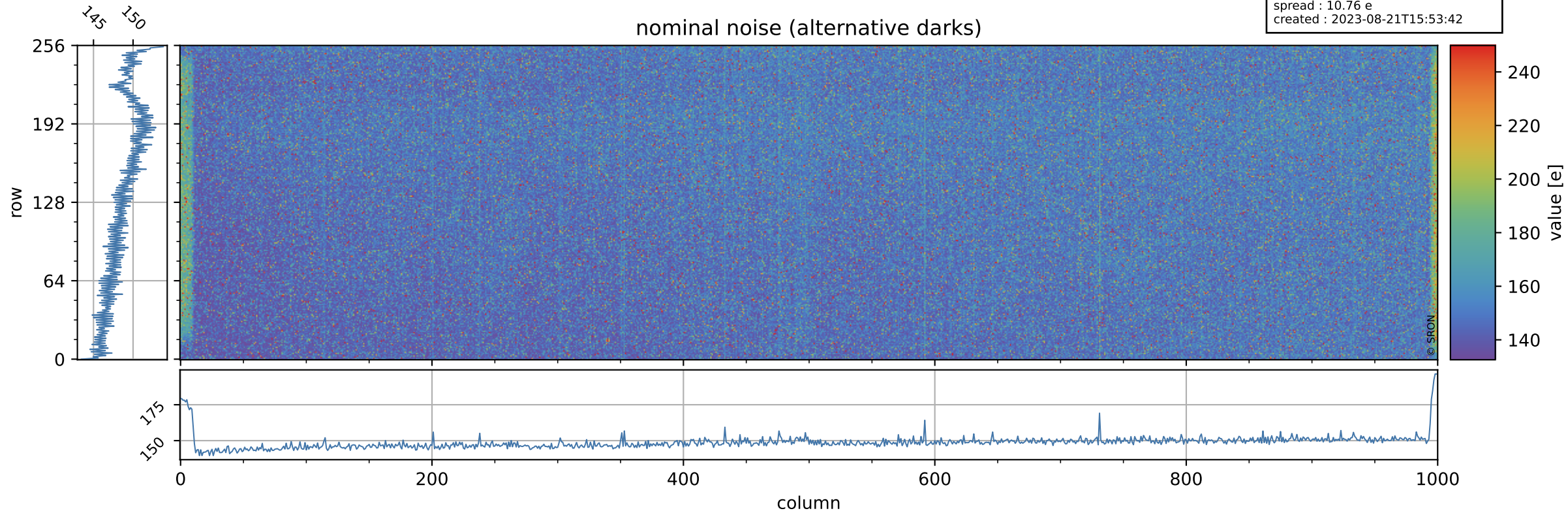


# Tropomi SWIR background noise (swir)

orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.6 e  
spread : 10.76 e  
created : 2023-08-21T15:53:42

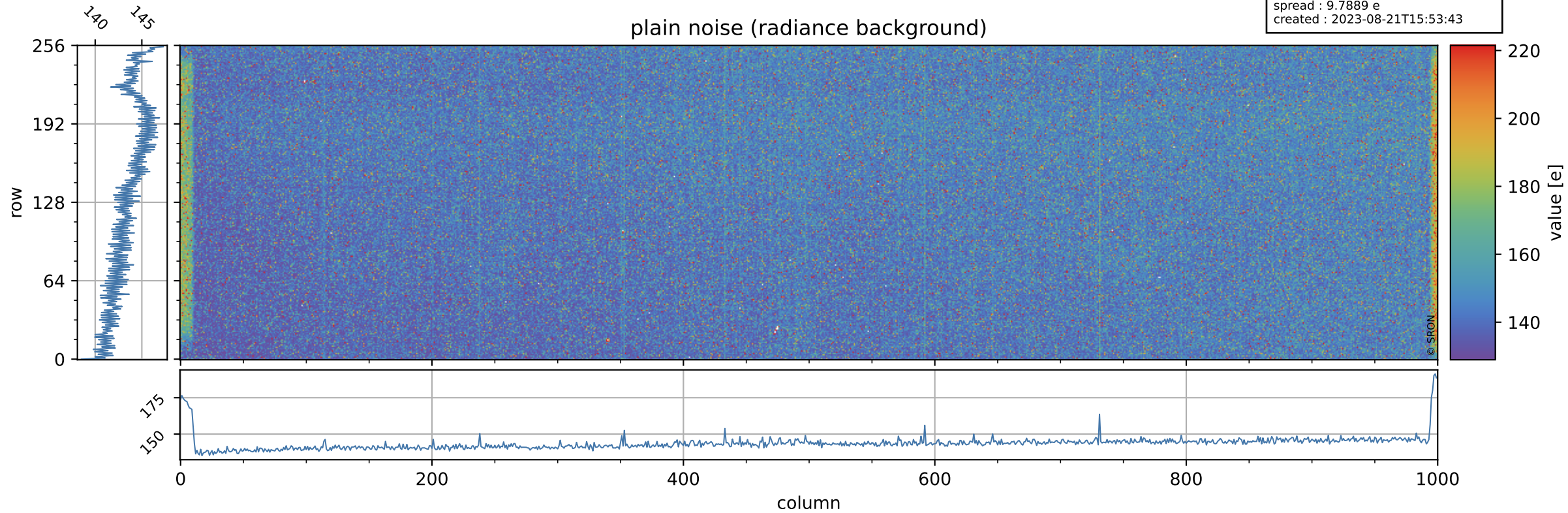
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.41 e  
spread : 9.7889 e  
created : 2023-08-21T15:53:43

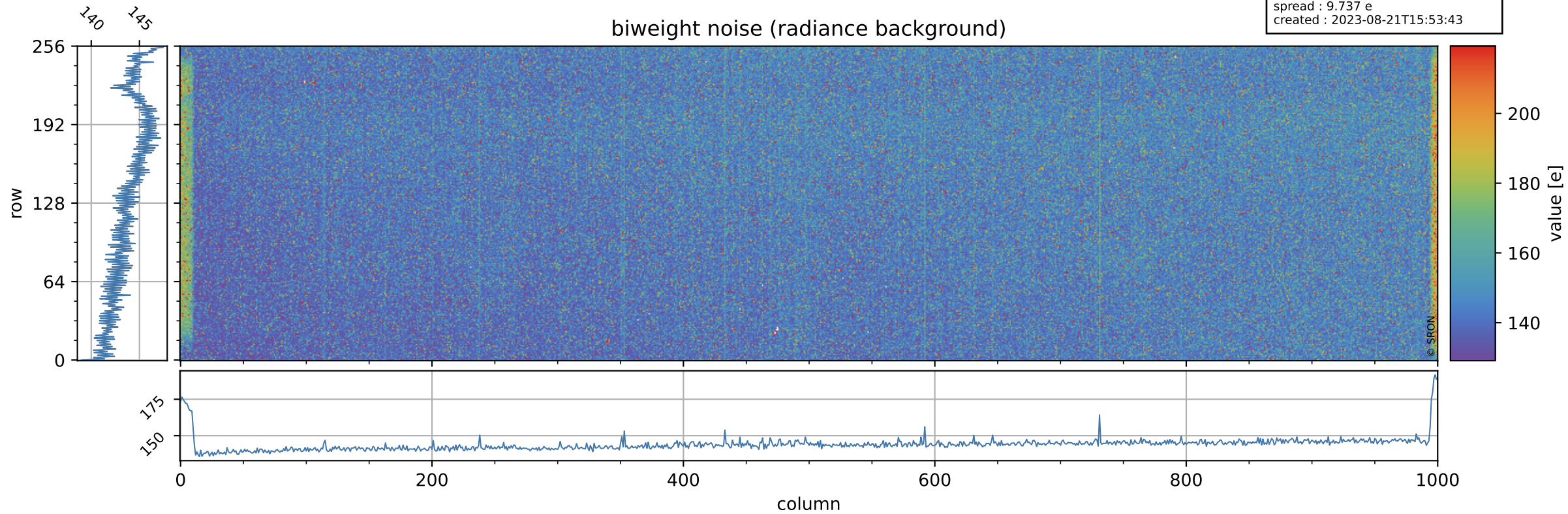
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.74 e  
spread : 9.737 e  
created : 2023-08-21T15:53:43

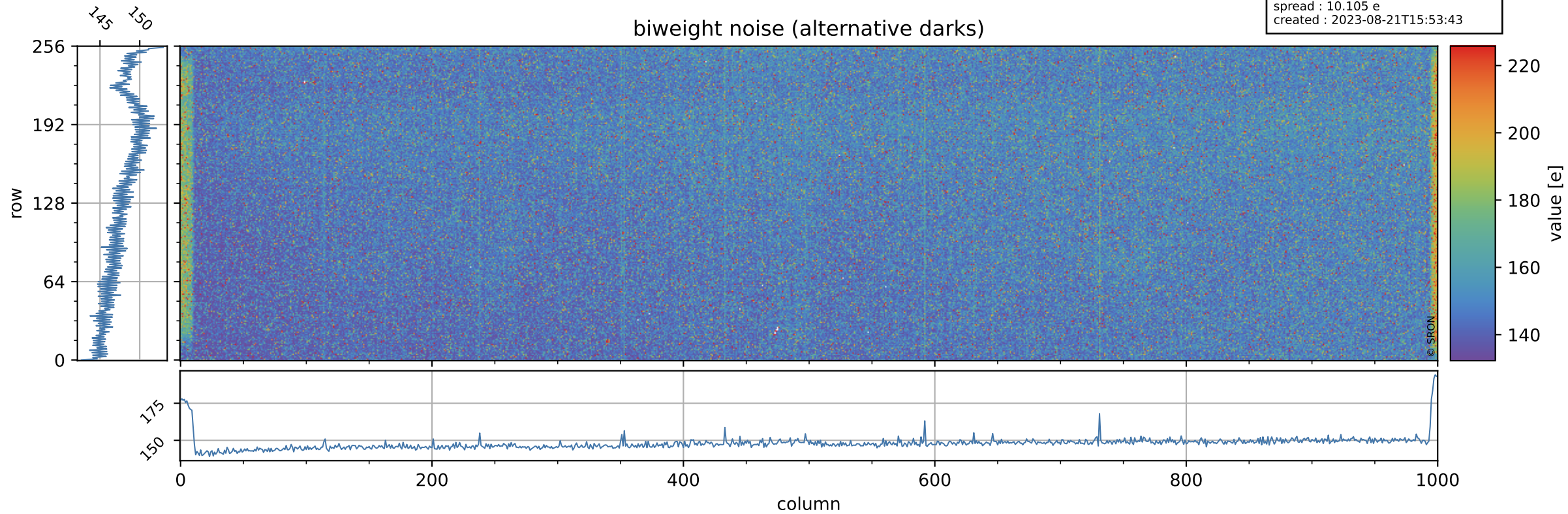
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.73 e  
spread : 10.105 e  
created : 2023-08-21T15:53:43

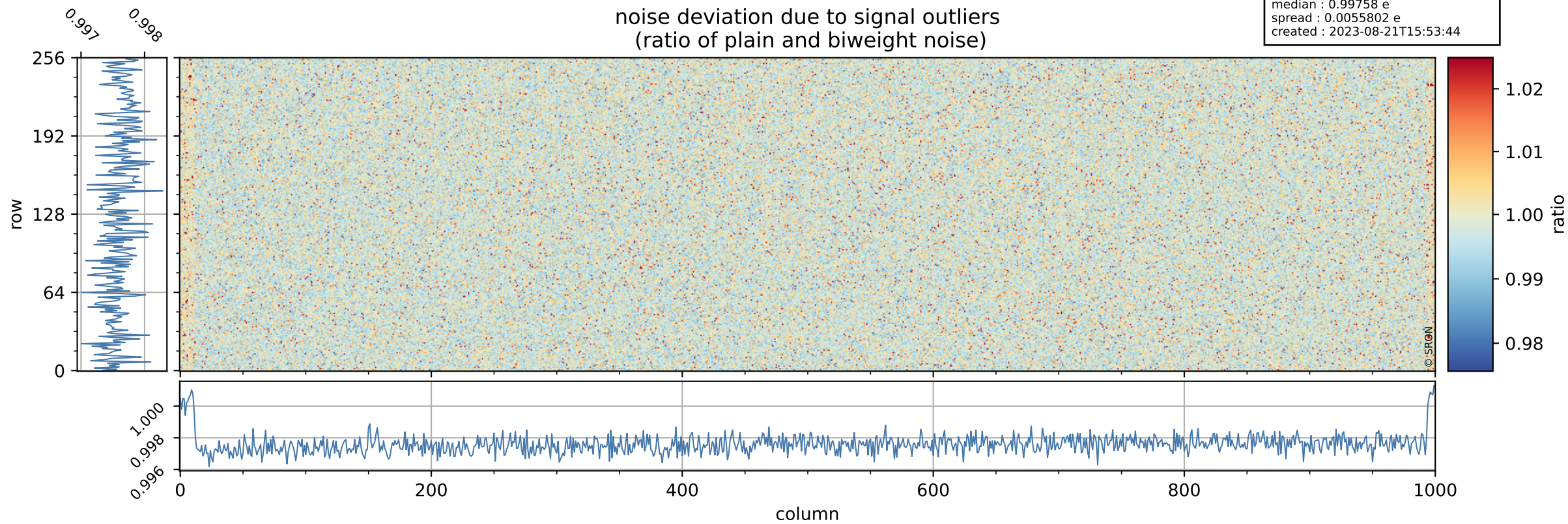
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

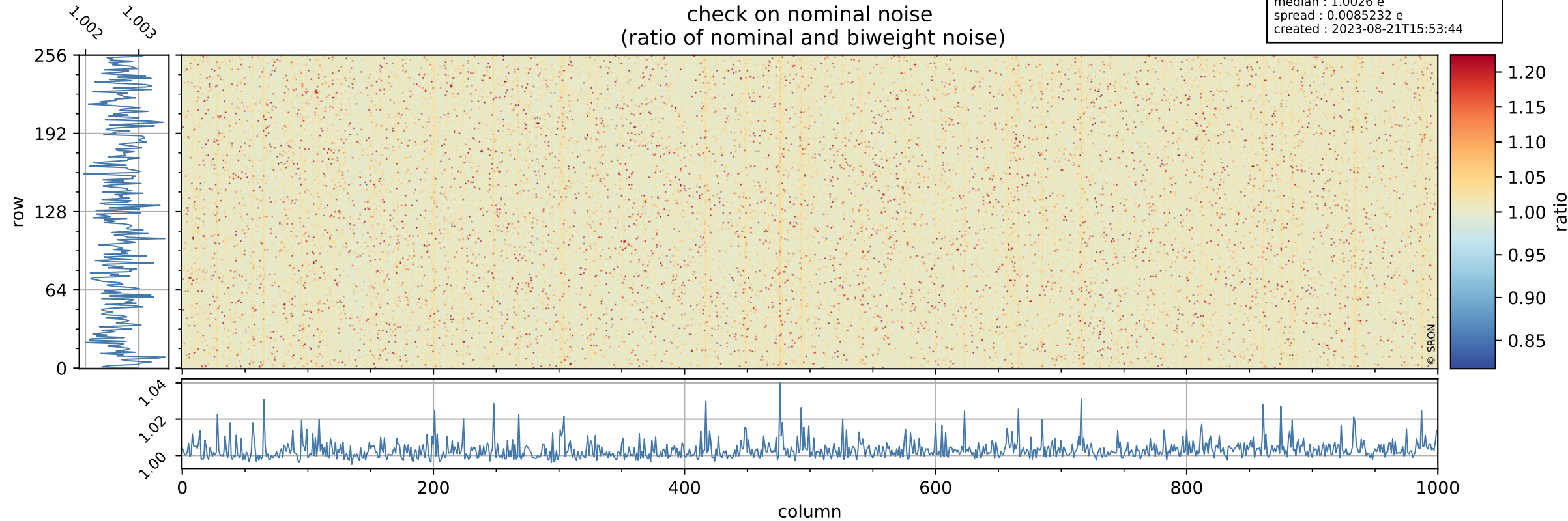
orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
median : 0.99758 e  
spread : 0.0055802 e  
created : 2023-08-21T15:53:44



# Tropomi SWIR background noise (swir)

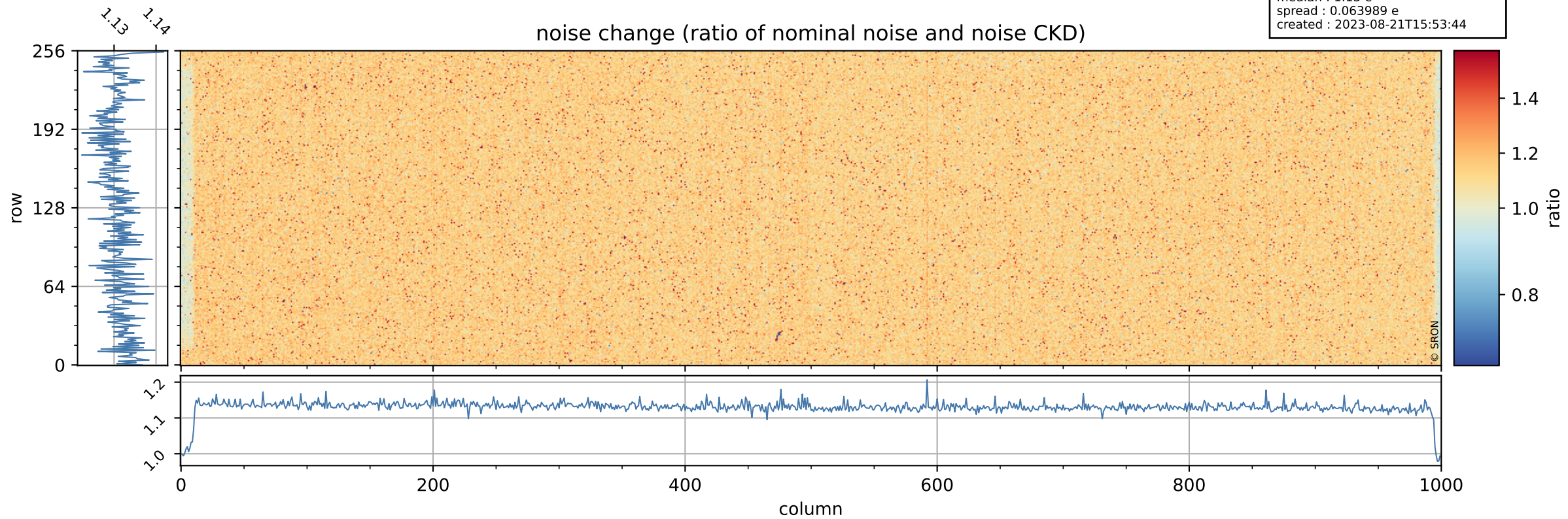
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
median : 1.0026 e  
spread : 0.0085232 e  
created : 2023-08-21T15:53:44



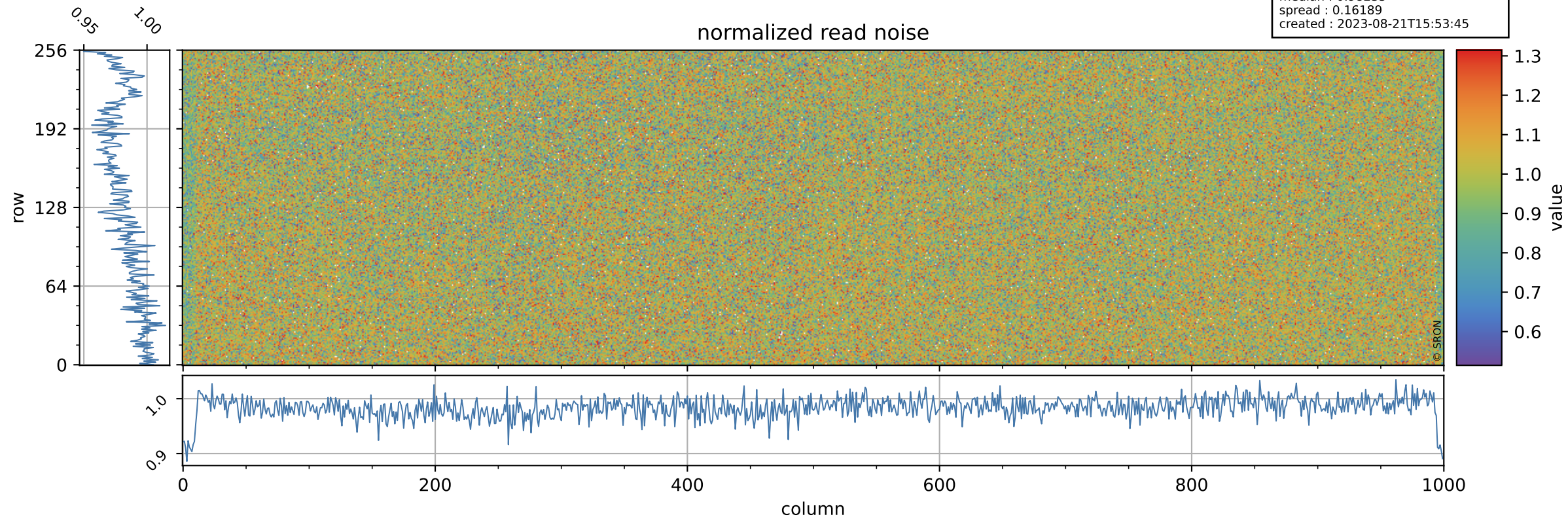
# Tropomi SWIR background noise (swir)

orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
median : 1.13 e  
spread : 0.063989 e  
created : 2023-08-21T15:53:44



# Tropomi SWIR background noise (swir)

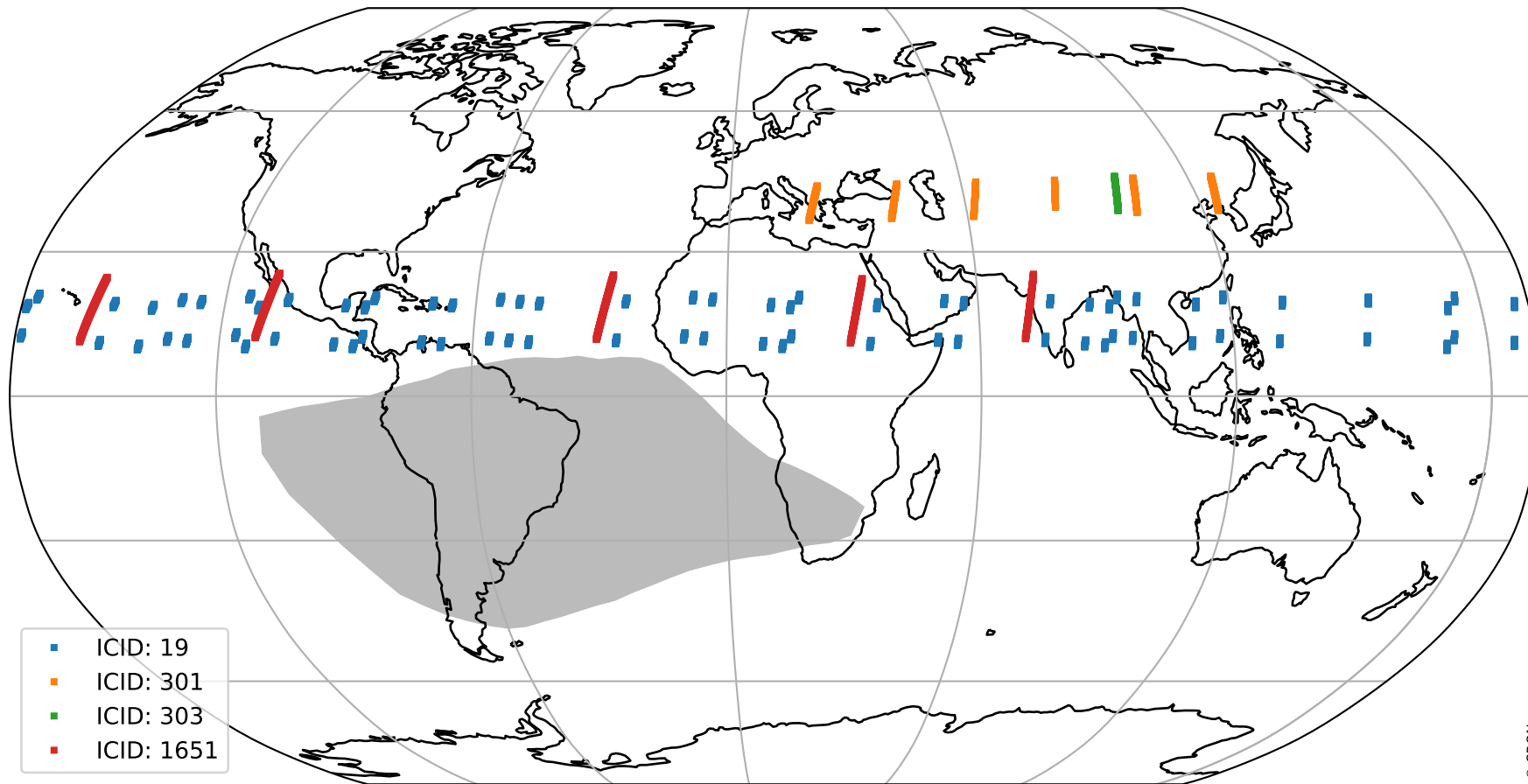
orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
median : 0.98235  
spread : 0.16189  
created : 2023-08-21T15:53:45





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

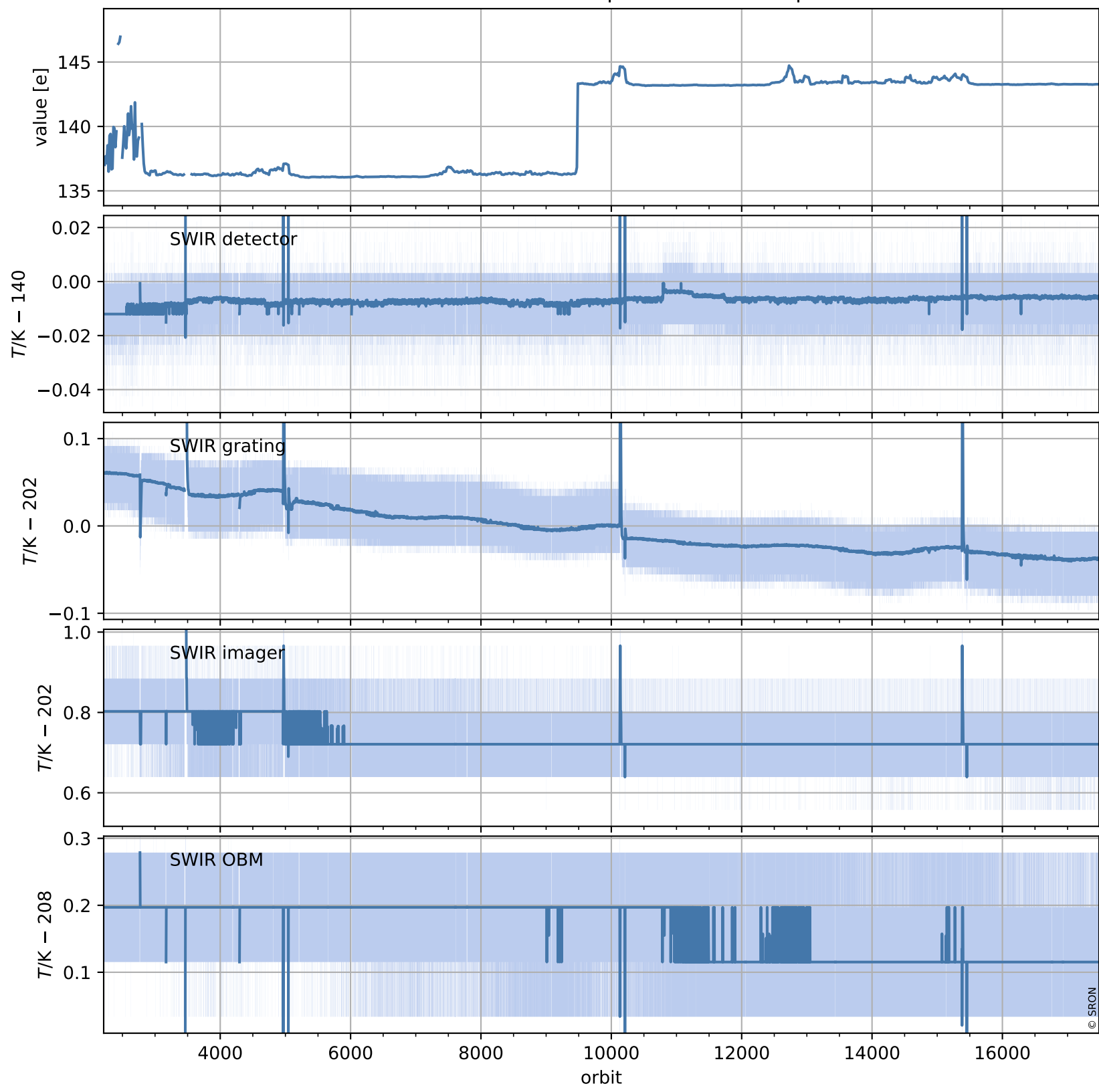
orbits : 12 in [17407, 17482]  
coverage : 2021-02-20 / 2021-02-26  
created : 2023-08-21T15:53:45



# Tropomi SWIR background noise (swir)

orbits : [2212, 17482]  
coverage : 2018-03-18 / 2021-02-26  
created : 2023-08-21T15:53:45

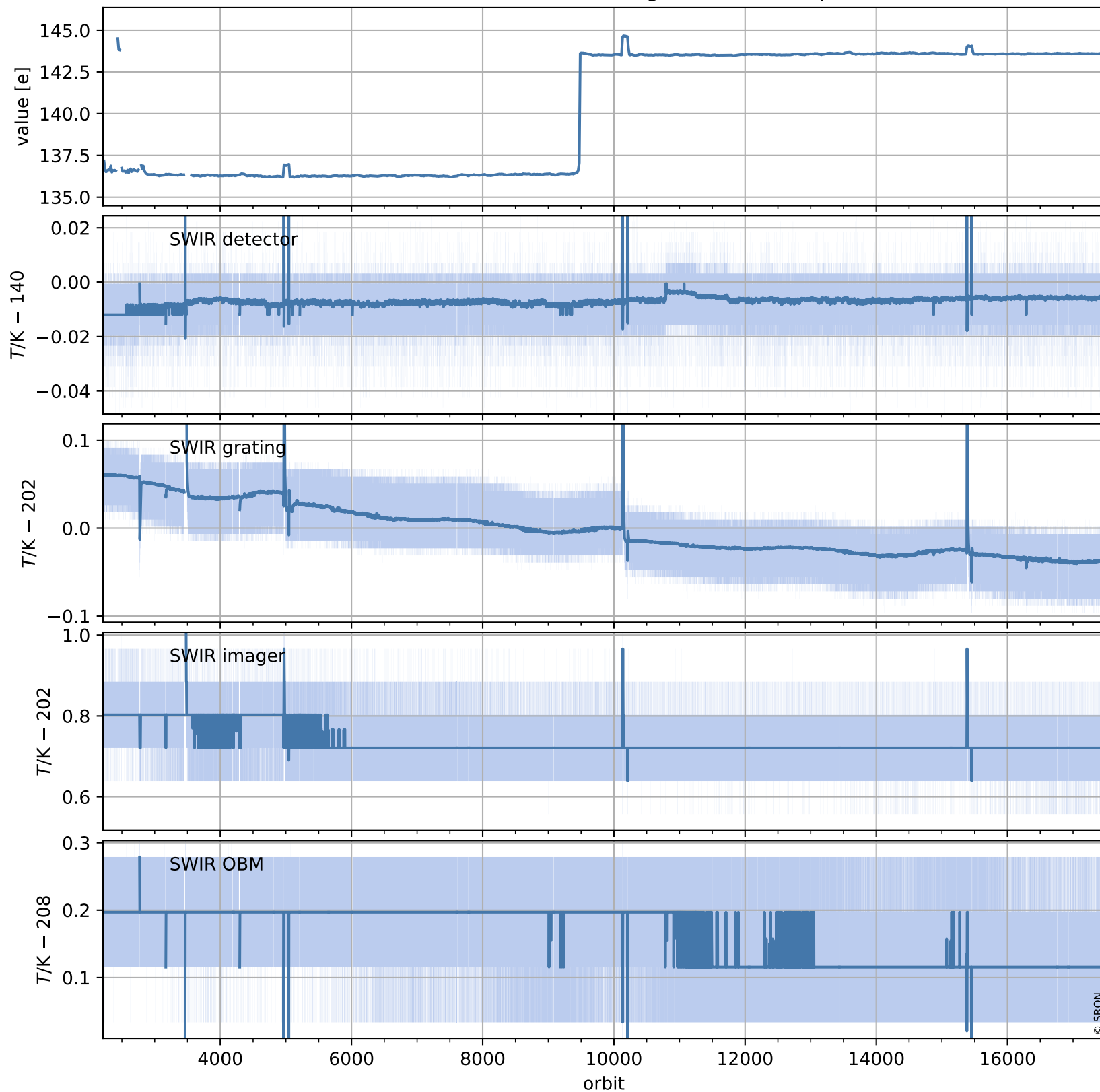
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 17482]  
coverage : 2018-03-18 / 2021-02-26  
created : 2023-08-21T15:53:46

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 17482]  
coverage : 2018-03-18 / 2021-02-26  
created : 2023-08-21T15:53:47

## trend of normalized read-noise & temperatures

