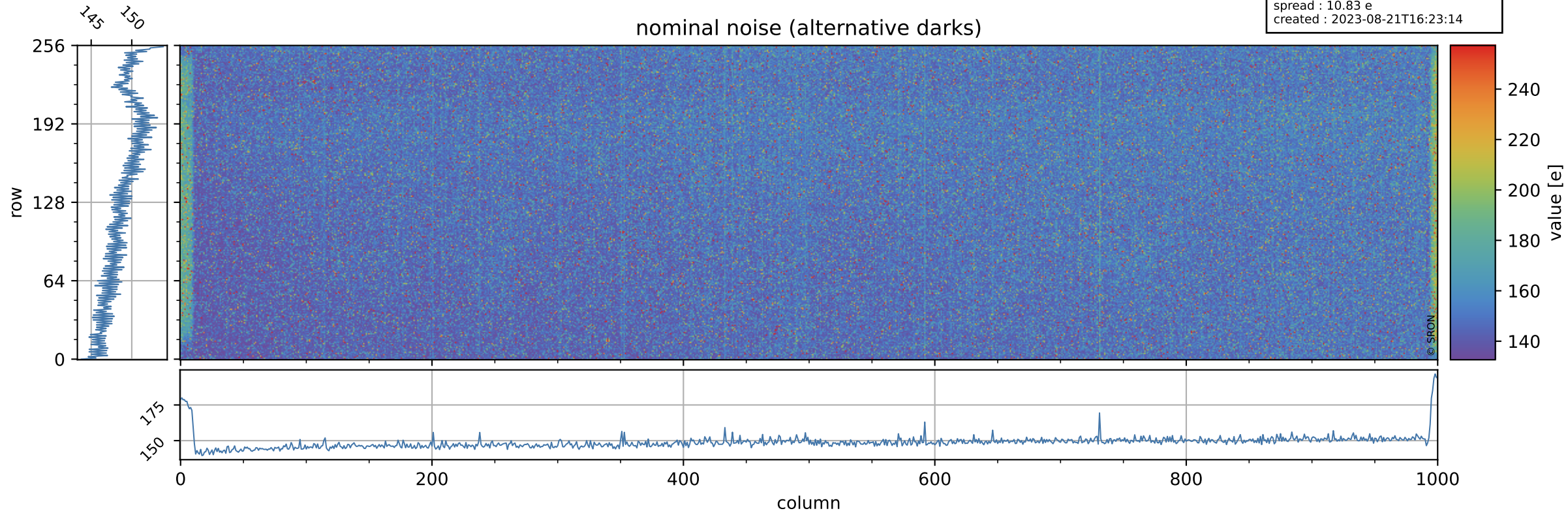


# Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
n\_coad, t\_exp : 1, 1.0783  
median : 148.71 e  
spread : 10.83 e  
created : 2023-08-21T16:23:14

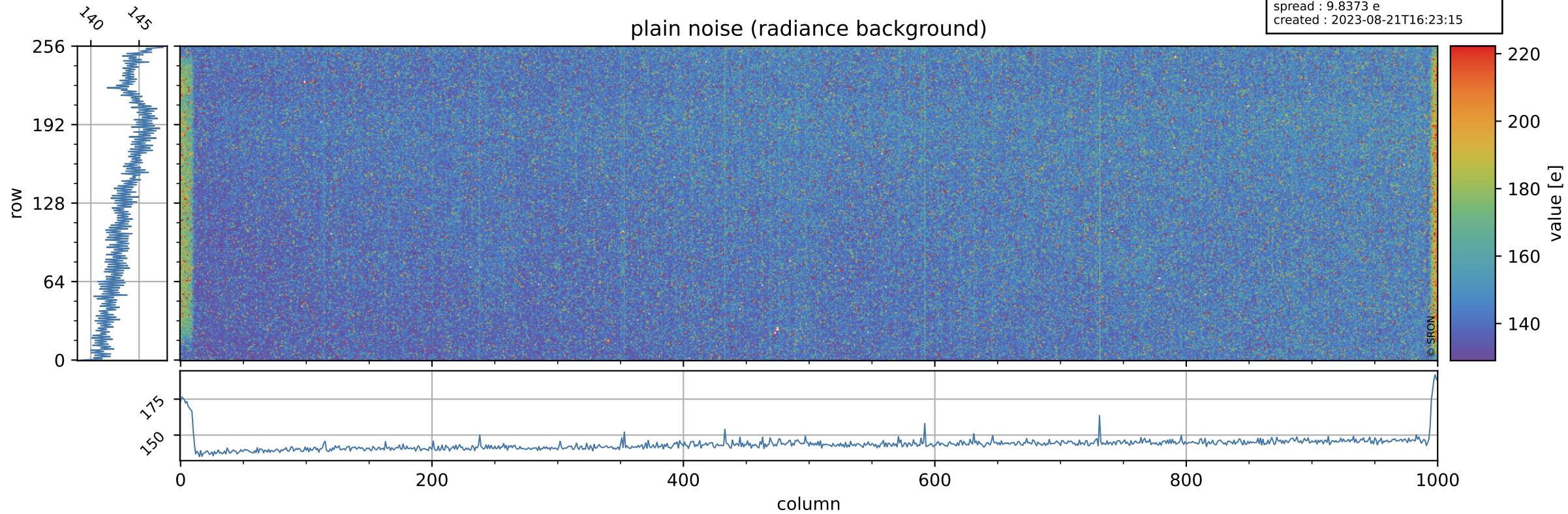
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.47 e  
spread : 9.8373 e  
created : 2023-08-21T16:23:15

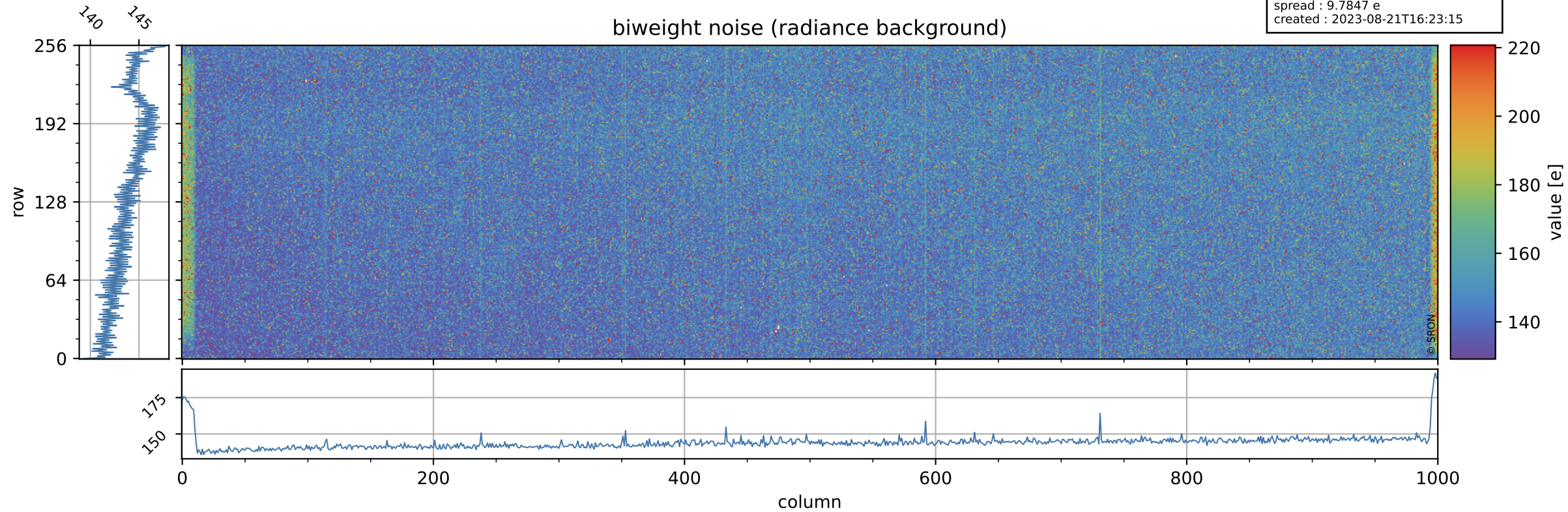
plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.7847 e  
created : 2023-08-21T16:23:15

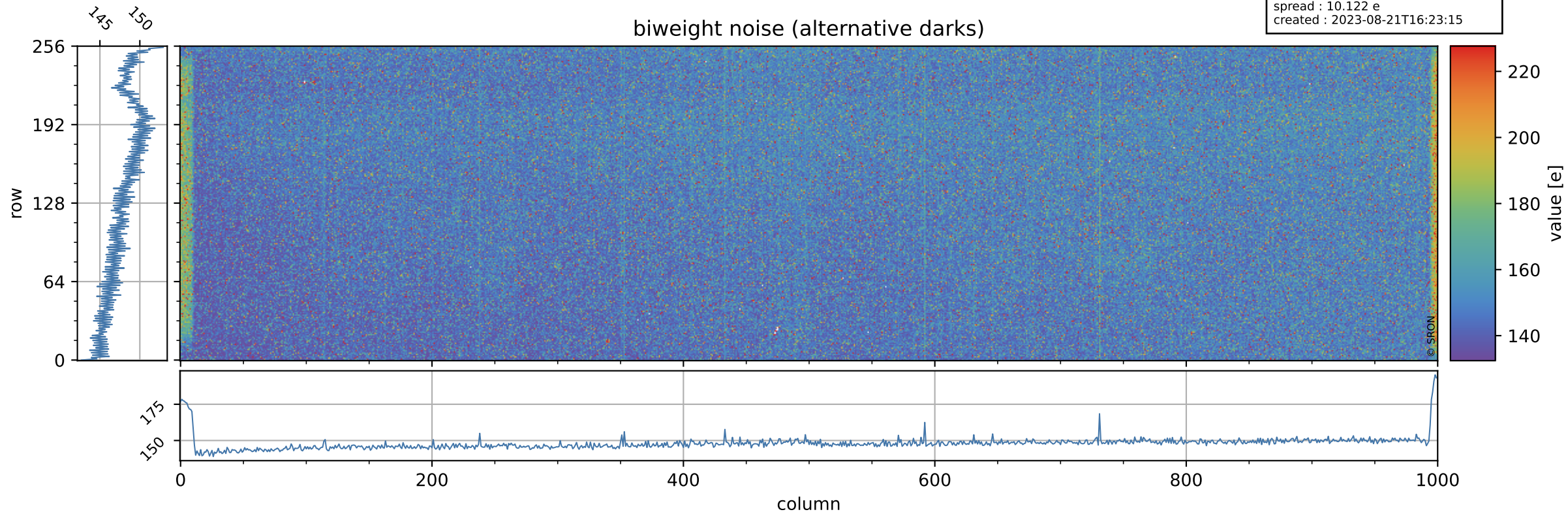
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.122 e  
created : 2023-08-21T16:23:15

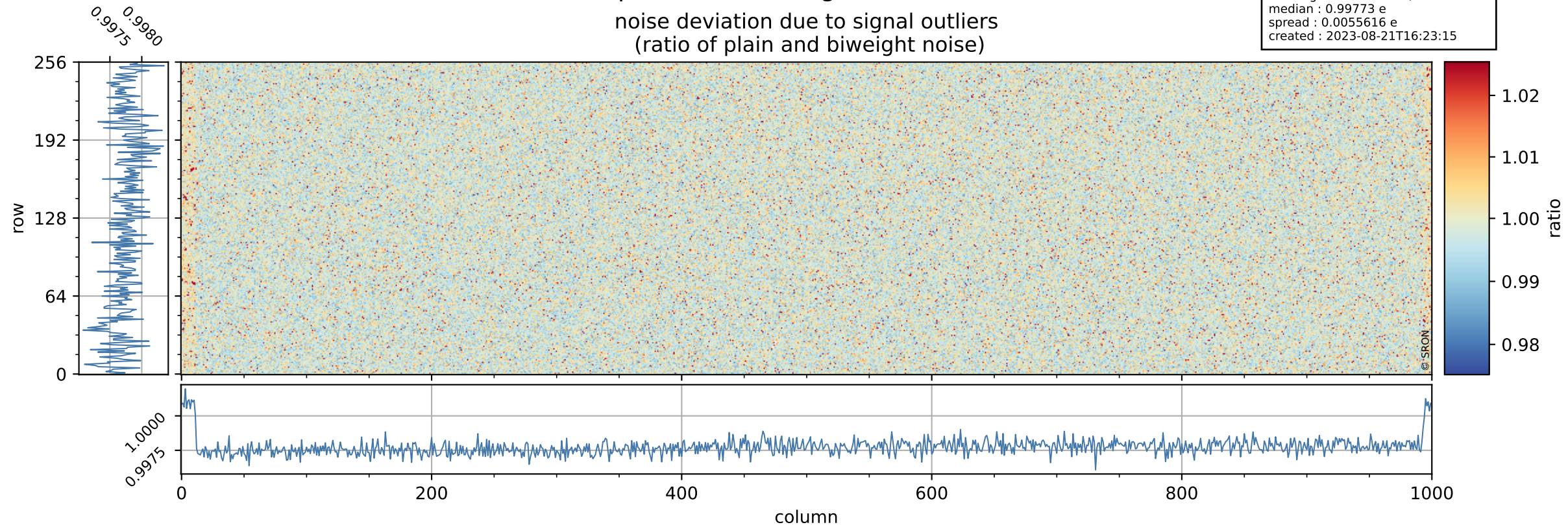
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

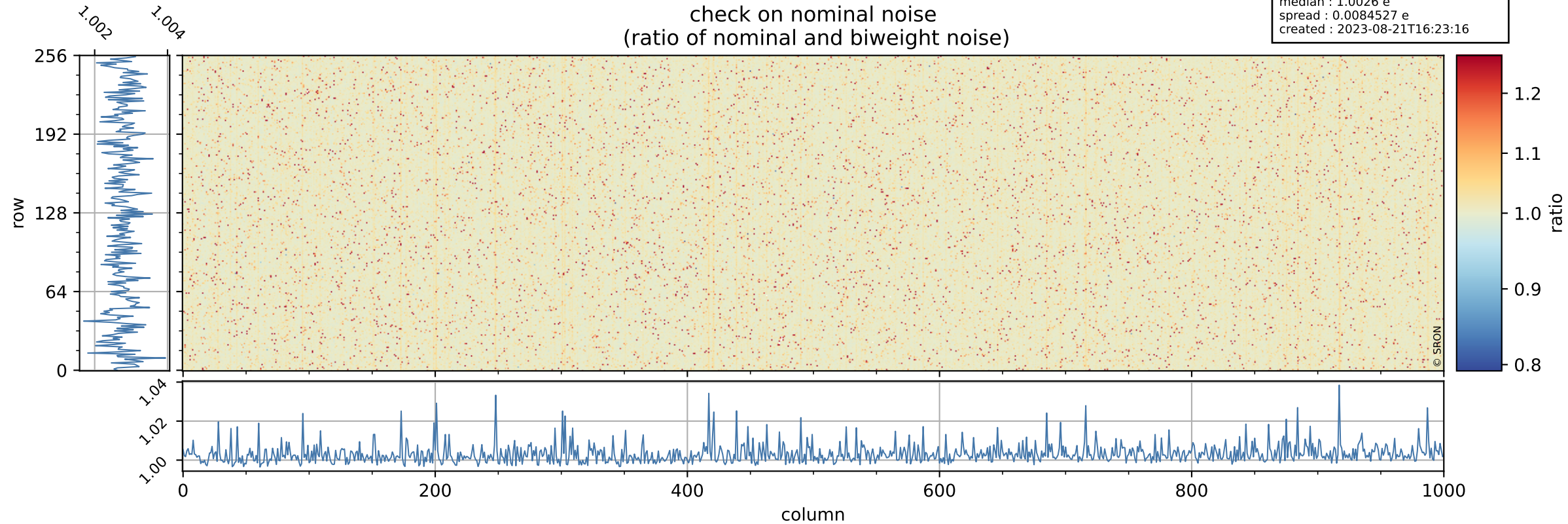
orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
median : 0.99773 e  
spread : 0.0055616 e  
created : 2023-08-21T16:23:15



# Tropomi SWIR background noise (swir)

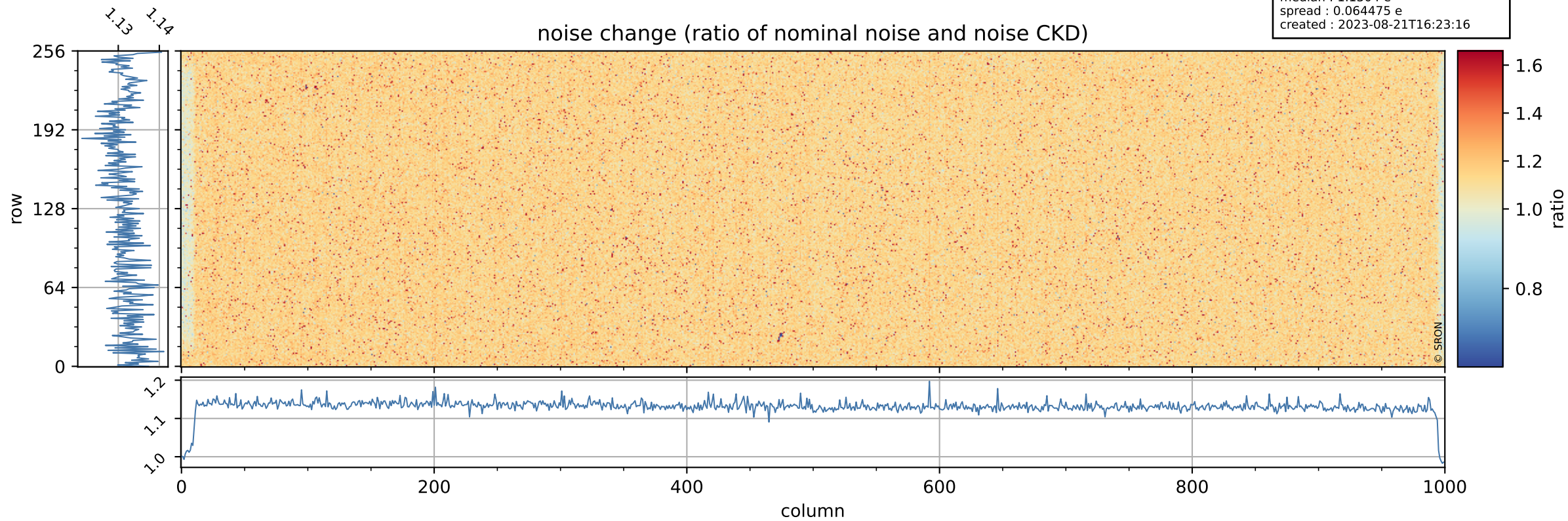
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
median : 1.0026 e  
spread : 0.0084527 e  
created : 2023-08-21T16:23:16



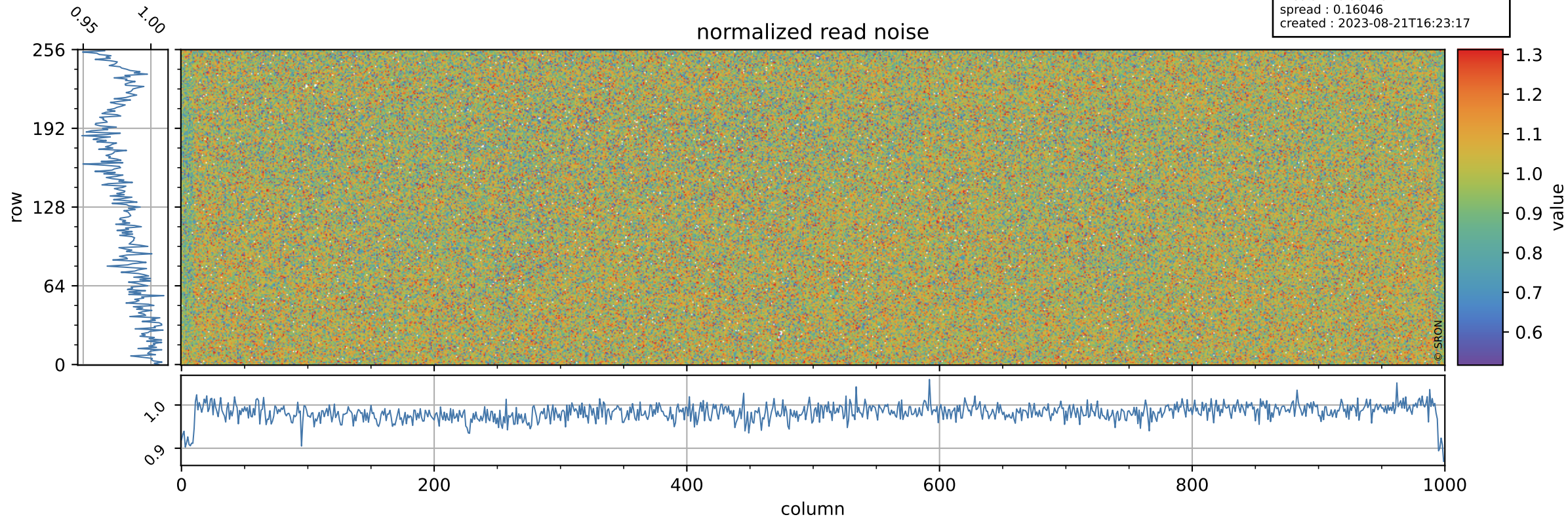
# Tropomi SWIR background noise (swir)

orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
median : 1.1304 e  
spread : 0.064475 e  
created : 2023-08-21T16:23:16



# Tropomi SWIR background noise (swir)

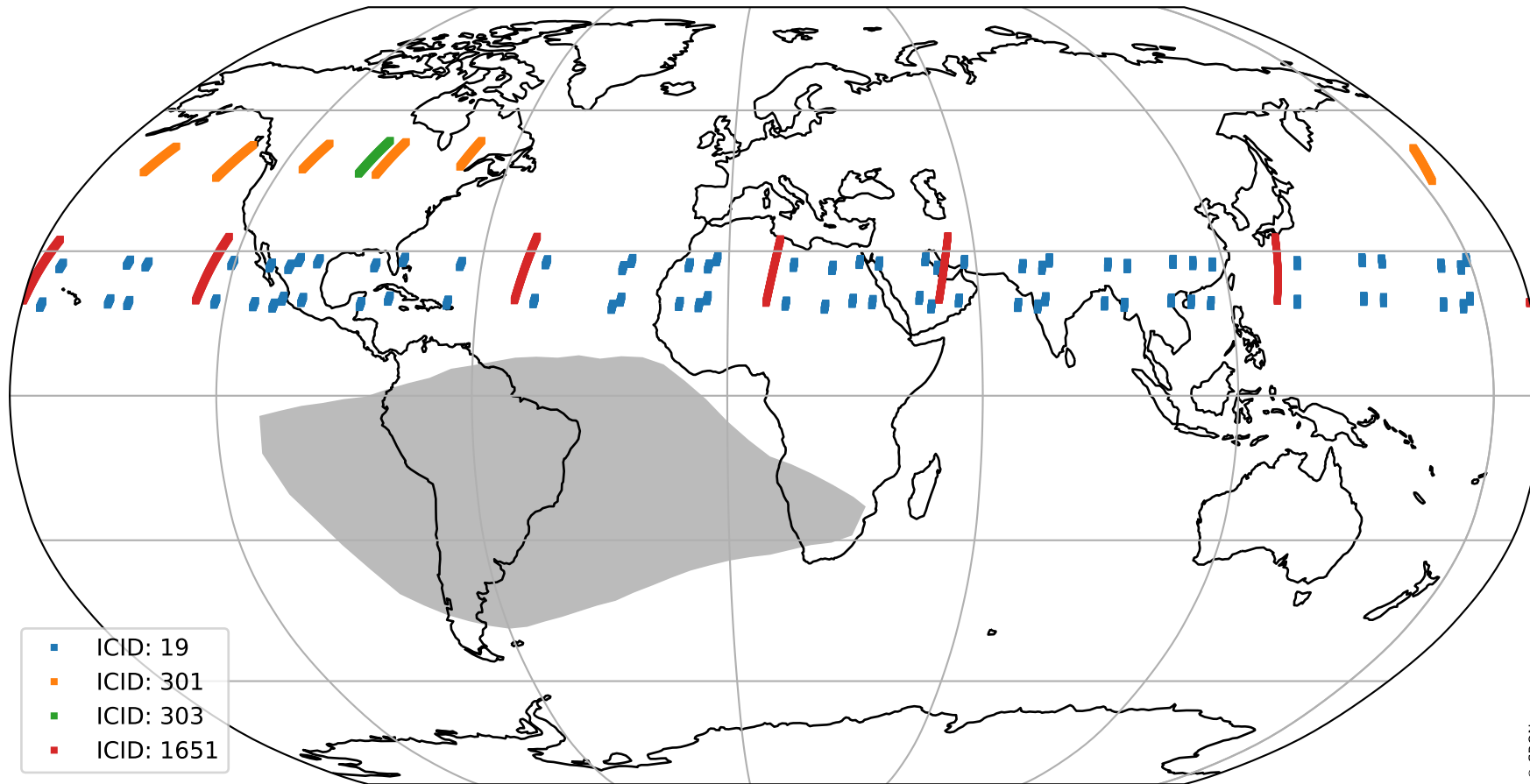
orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
median : 0.98116  
spread : 0.16046  
created : 2023-08-21T16:23:17





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

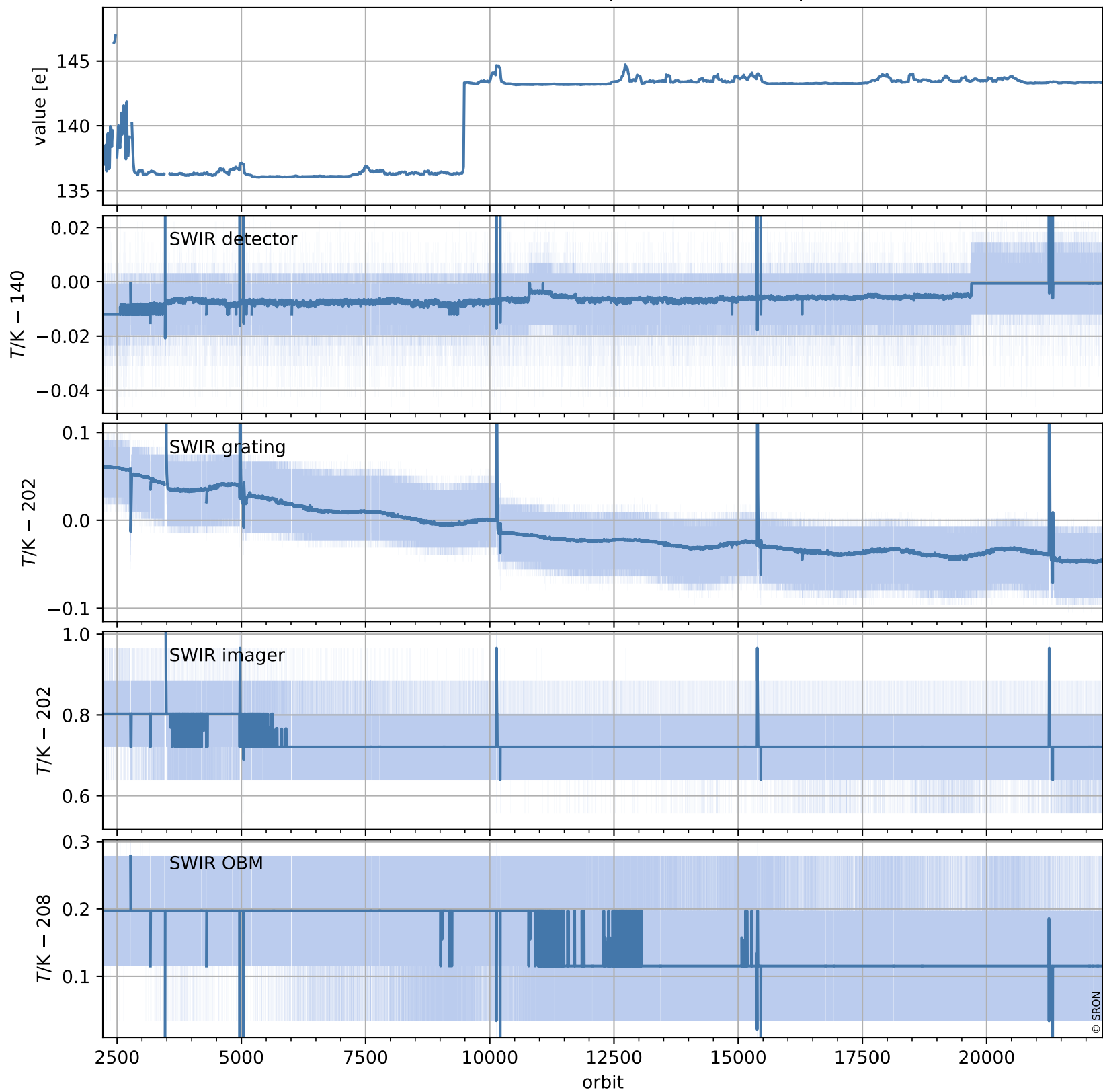
orbits : 13 in [22267, 22342]  
coverage : 2022-01-29 / 2022-02-03  
created : 2023-08-21T16:23:17



# Tropomi SWIR background noise (swir)

orbits : [2212, 22342]  
coverage : 2018-03-18 / 2022-02-03  
created : 2023-08-21T16:23:17

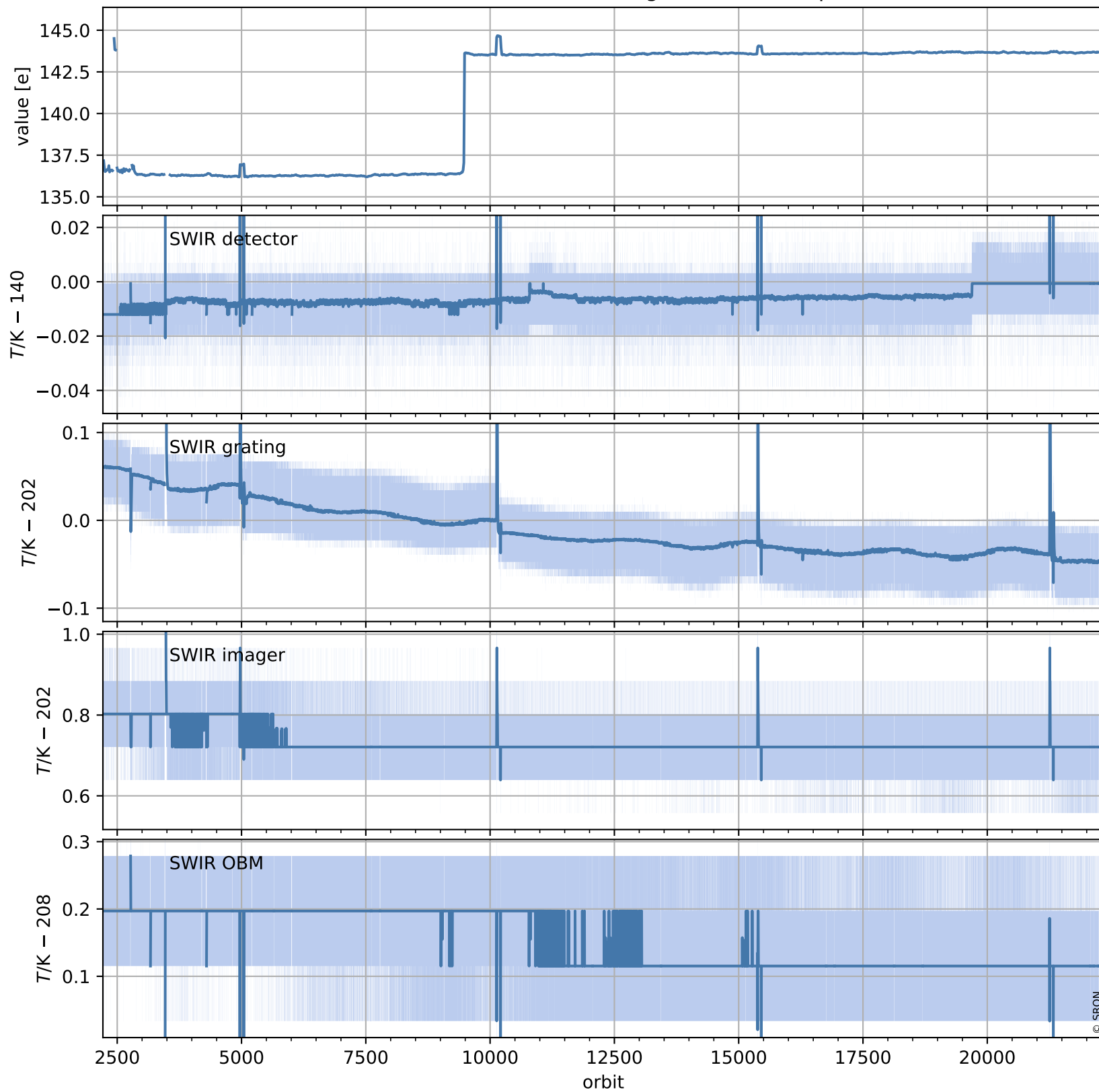
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22342]  
coverage : 2018-03-18 / 2022-02-03  
created : 2023-08-21T16:23:18

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 22342]  
coverage : 2018-03-18 / 2022-02-03  
created : 2023-08-21T16:23:19

## trend of normalized read-noise & temperatures

