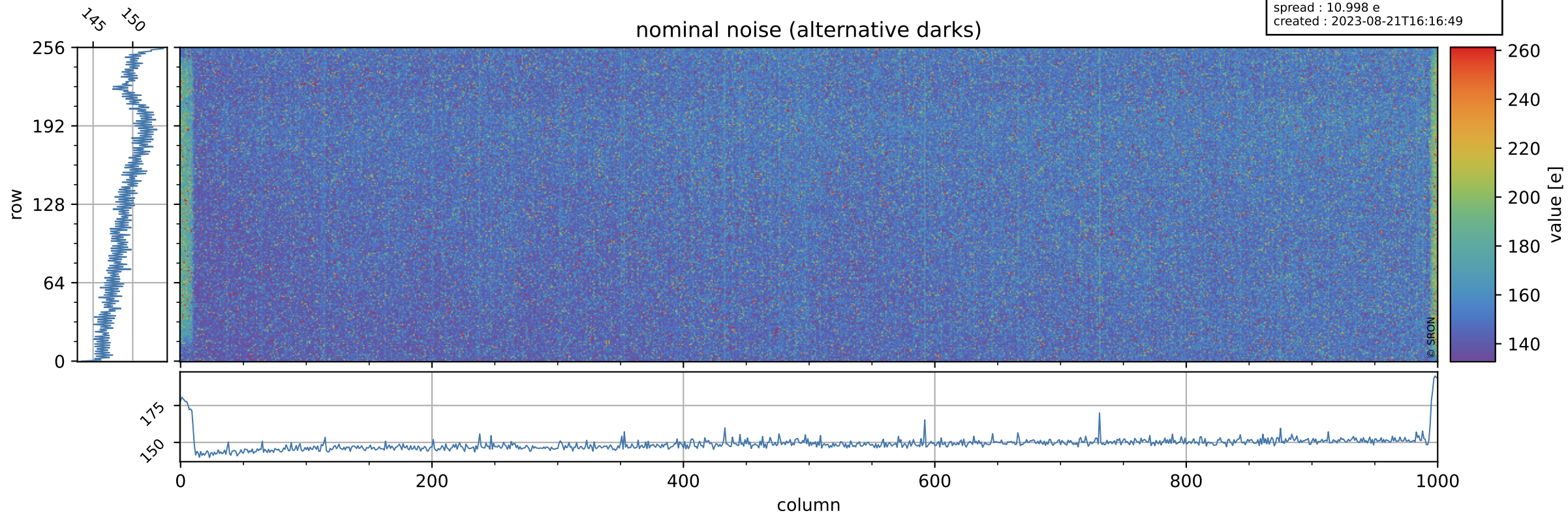


# Tropomi SWIR background noise (swir)

orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
n\_coad, t\_exp : 1, 1.0783  
median : 148.94 e  
spread : 10.998 e  
created : 2023-08-21T16:16:49

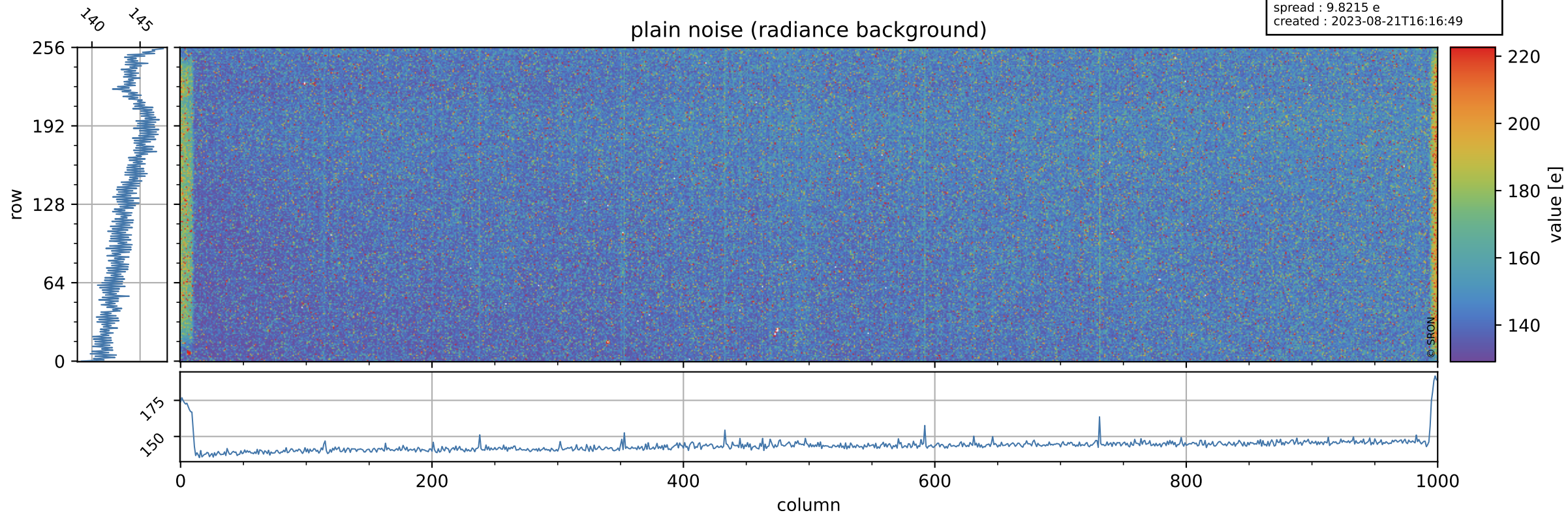
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.52 e  
spread : 9.8215 e  
created : 2023-08-21T16:16:49

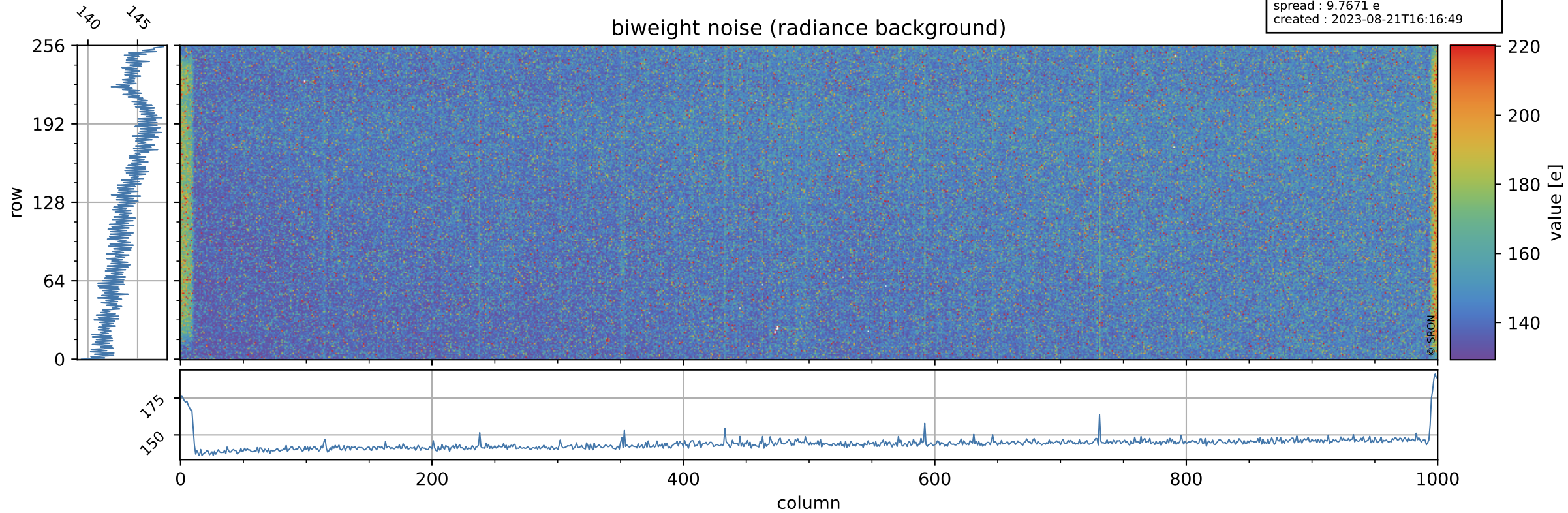
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
n\_coad, t\_exp : 1, 0.8383  
median : 143.83 e  
spread : 9.7671 e  
created : 2023-08-21T16:16:49

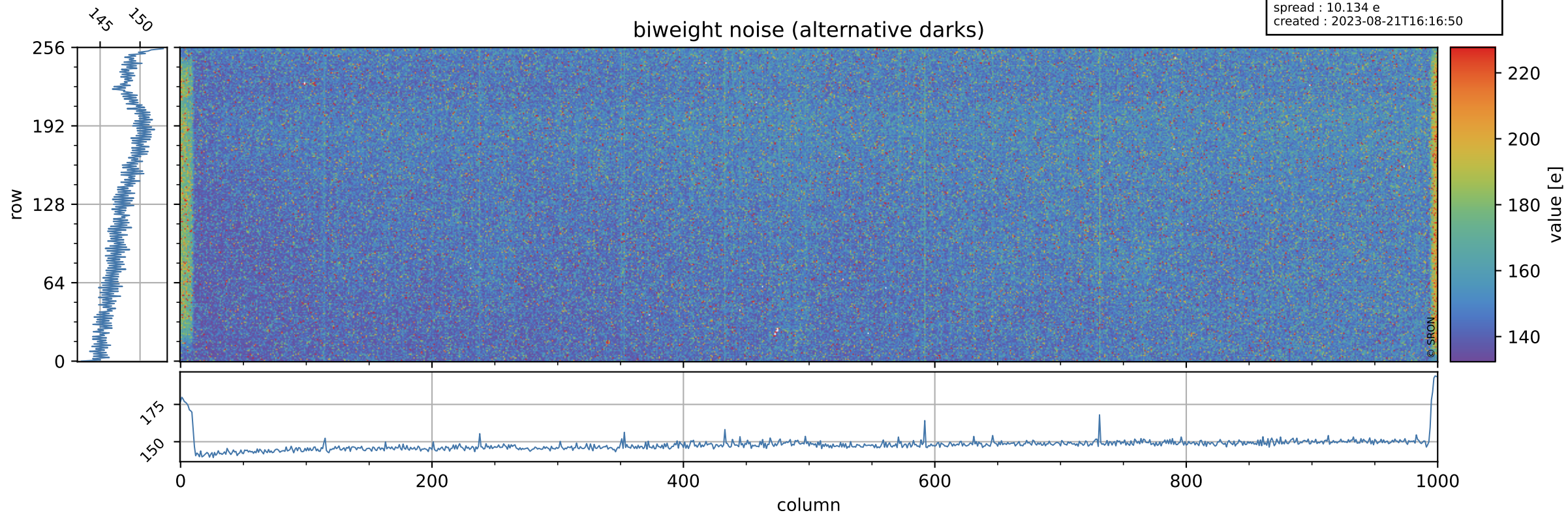
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
n\_coad, t\_exp : 1, 1.0783  
median : 147.82 e  
spread : 10.134 e  
created : 2023-08-21T16:16:50

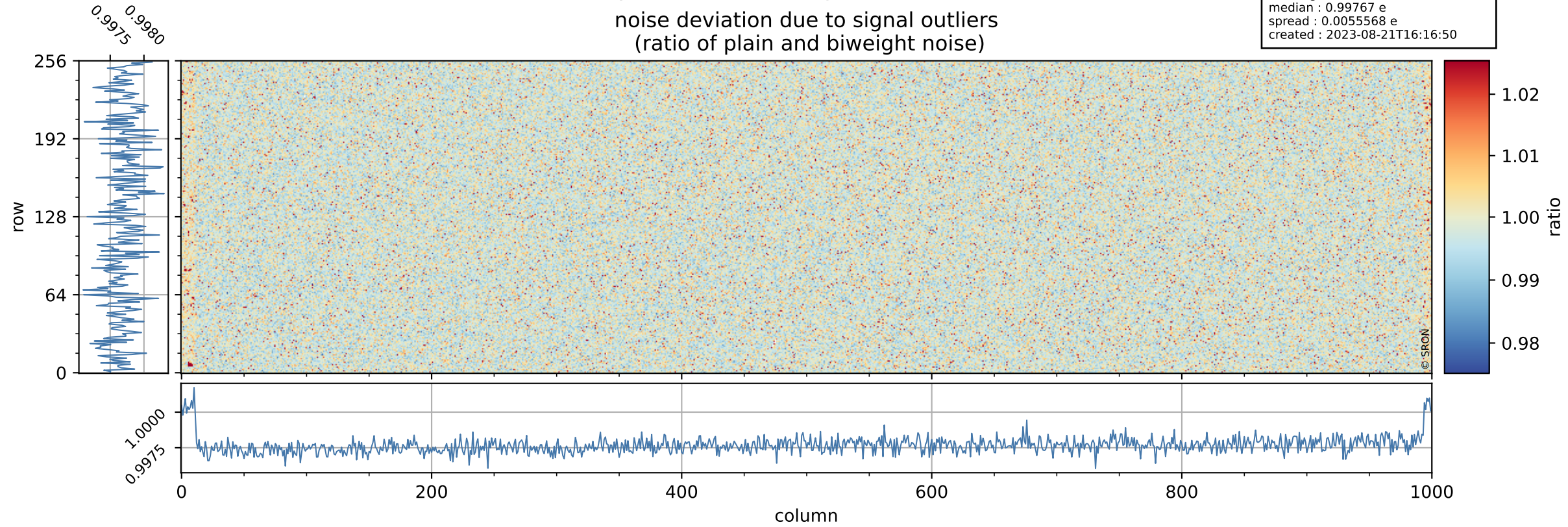
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

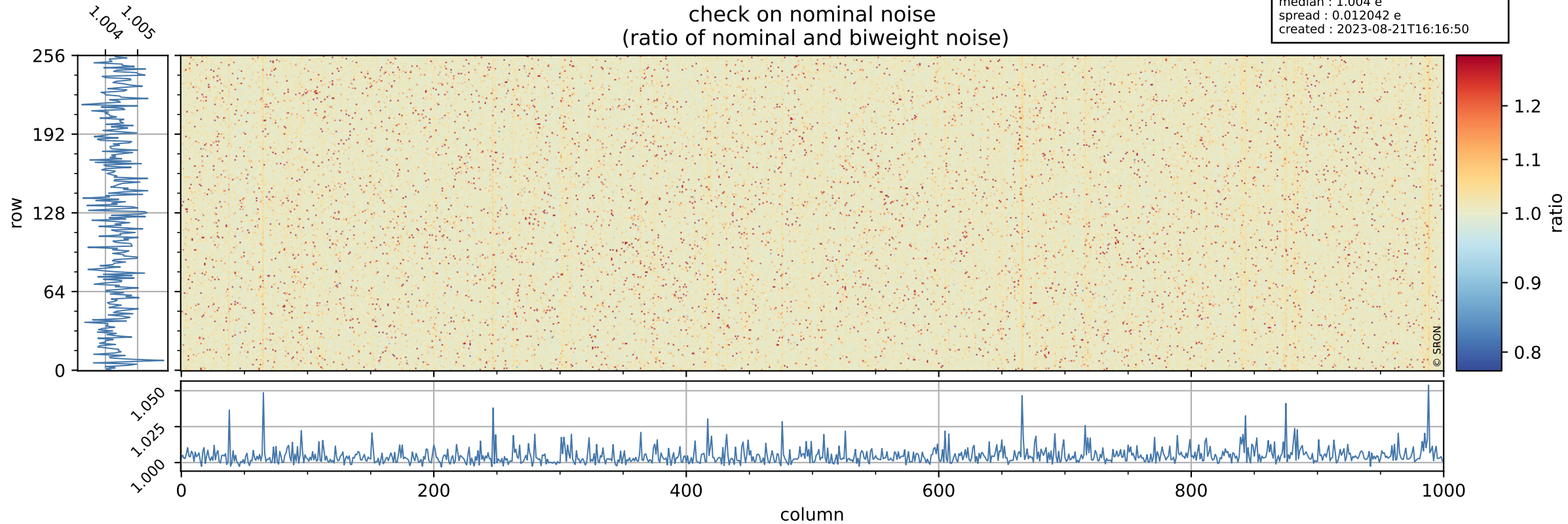
orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
median : 0.99767 e  
spread : 0.0055568 e  
created : 2023-08-21T16:16:50



# Tropomi SWIR background noise (swir)

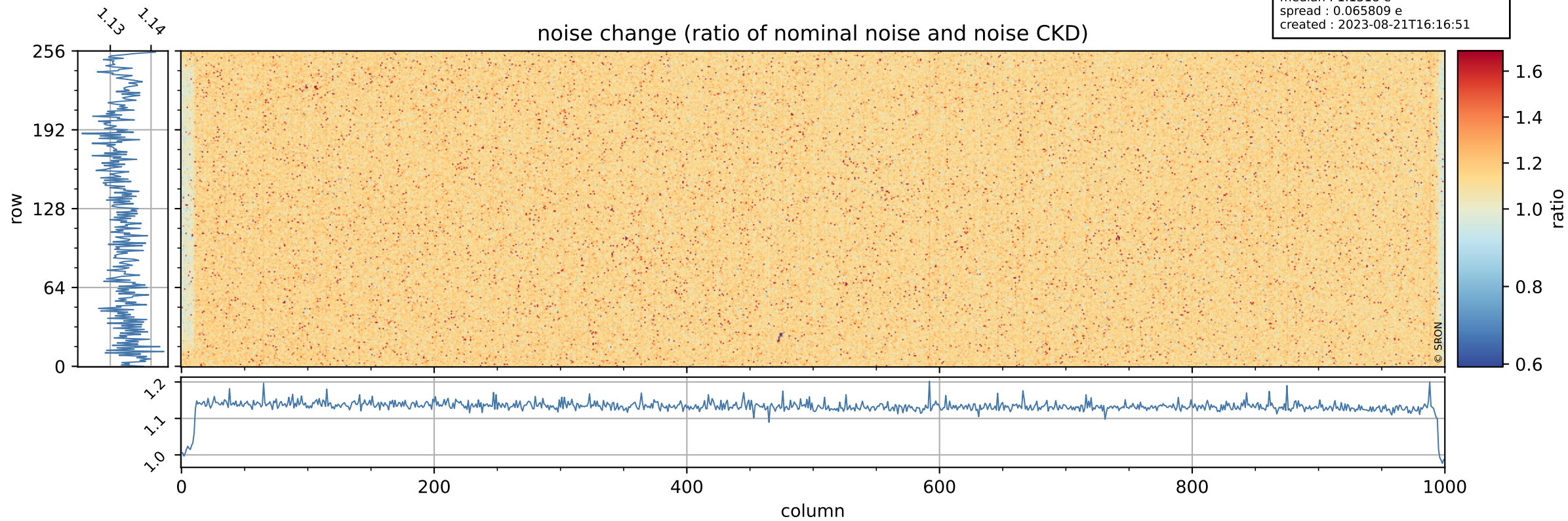
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
median : 1.004 e  
spread : 0.012042 e  
created : 2023-08-21T16:16:50



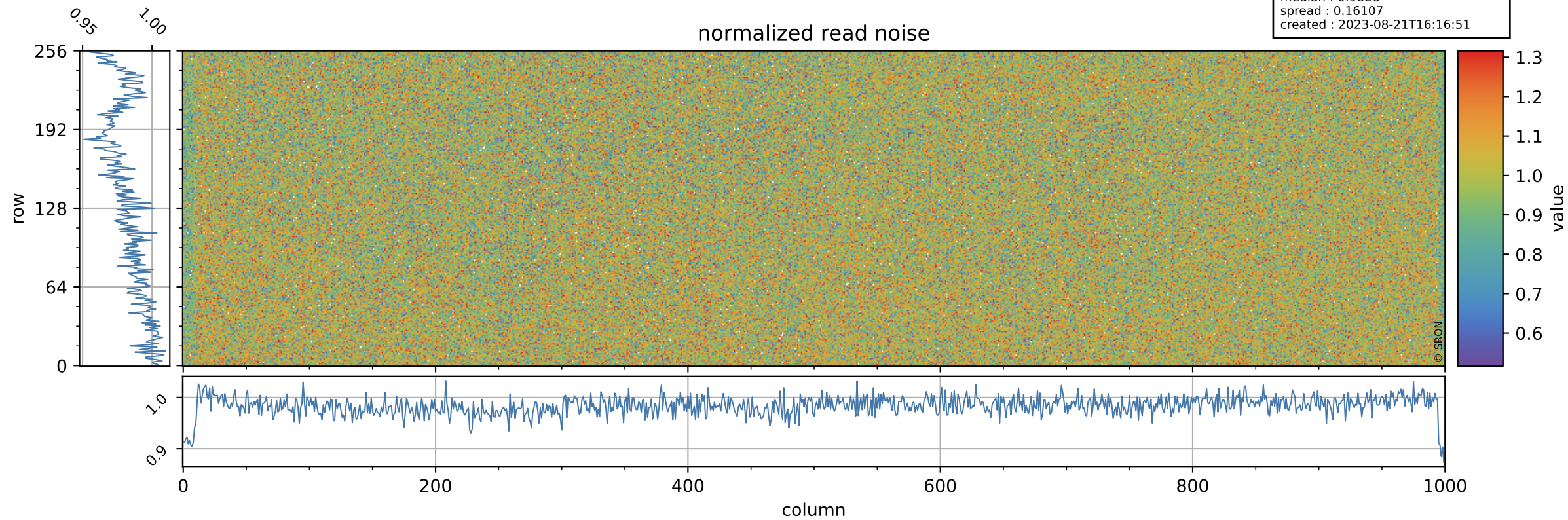
# Tropomi SWIR background noise (swir)

orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
median : 1.1318 e  
spread : 0.065809 e  
created : 2023-08-21T16:16:51



# Tropomi SWIR background noise (swir)

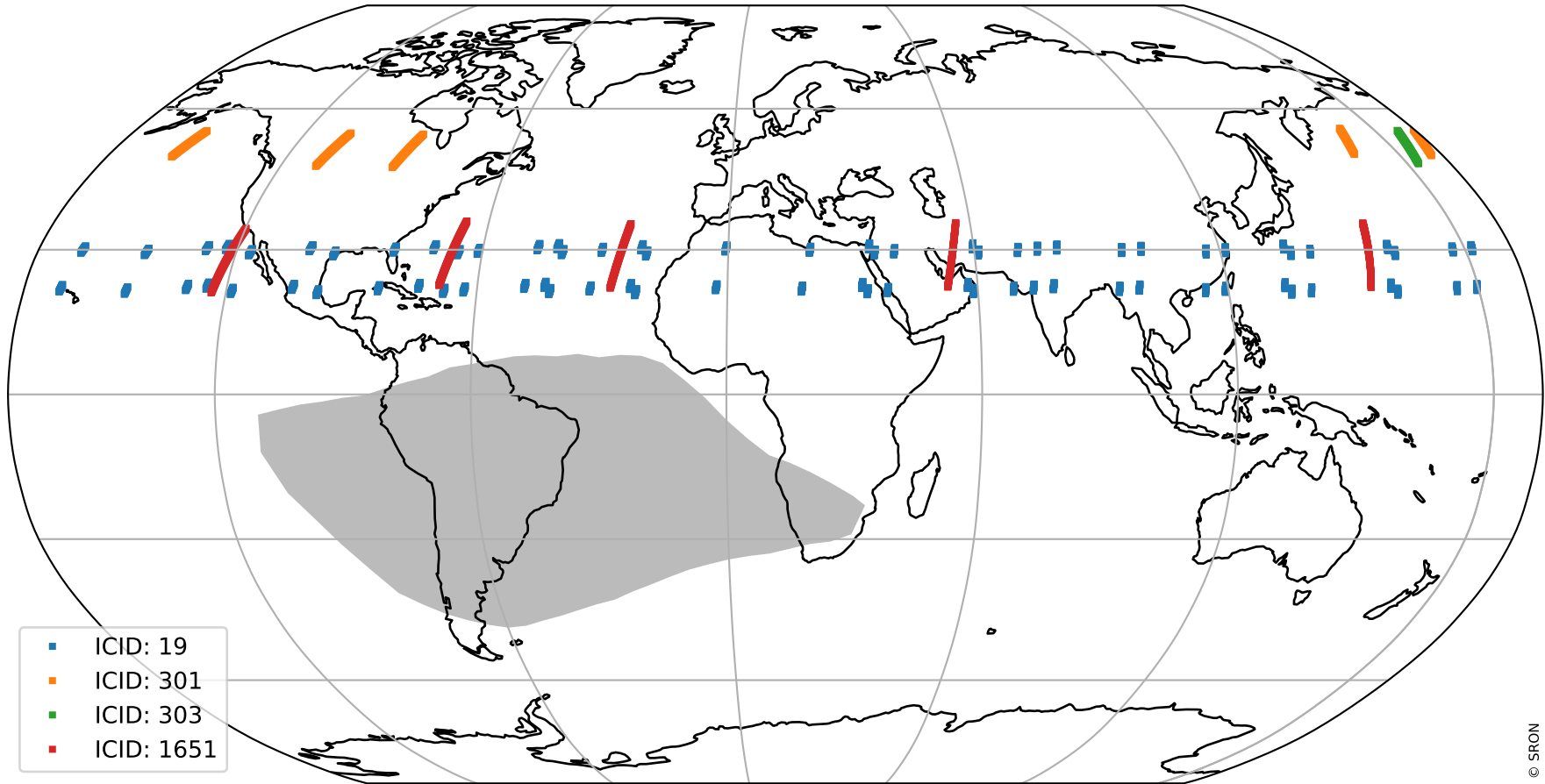
orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
median : 0.9826  
spread : 0.16107  
created : 2023-08-21T16:16:51





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

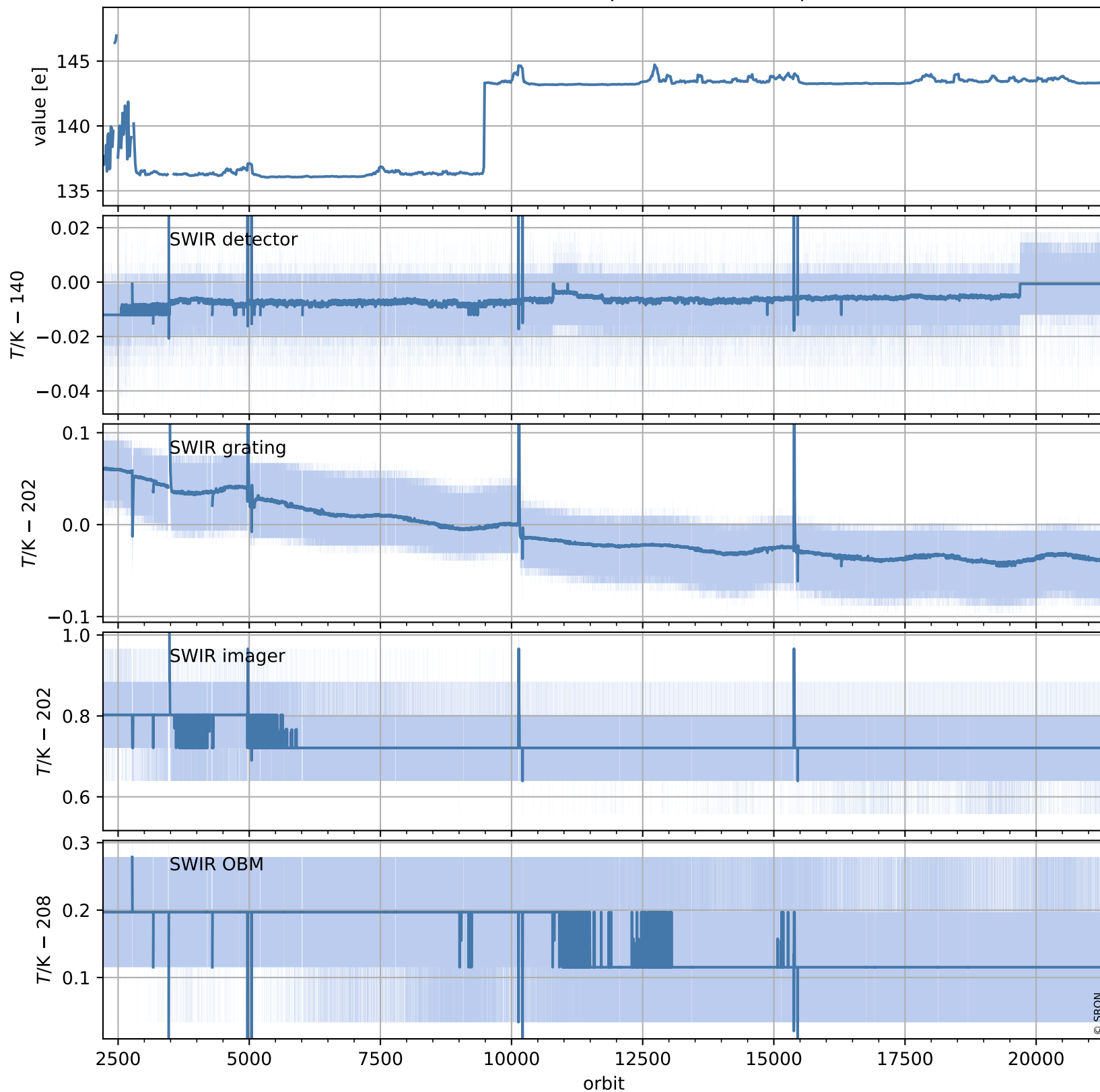
orbits : 11 in [21217, 21307]  
coverage : 2021-11-17 / 2021-11-23  
created : 2023-08-21T16:16:51



# Tropomi SWIR background noise (swir)

orbits : [2212, 21307]  
coverage : 2018-03-18 / 2021-11-23  
created : 2023-08-21T16:16:51

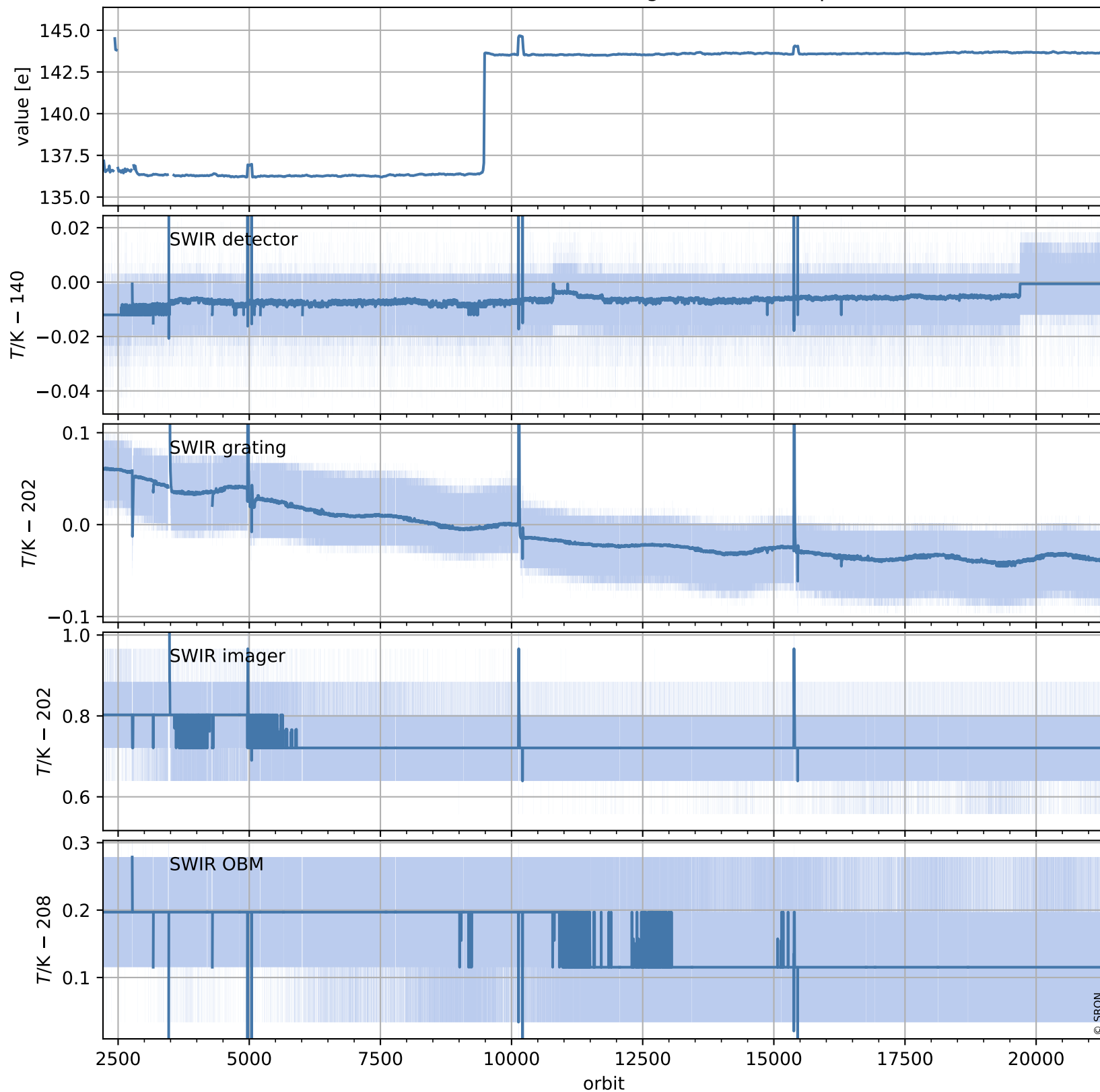
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21307]  
coverage : 2018-03-18 / 2021-11-23  
created : 2023-08-21T16:16:52

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 21307]  
coverage : 2018-03-18 / 2021-11-23  
created : 2023-08-21T16:16:53

## trend of normalized read-noise & temperatures

