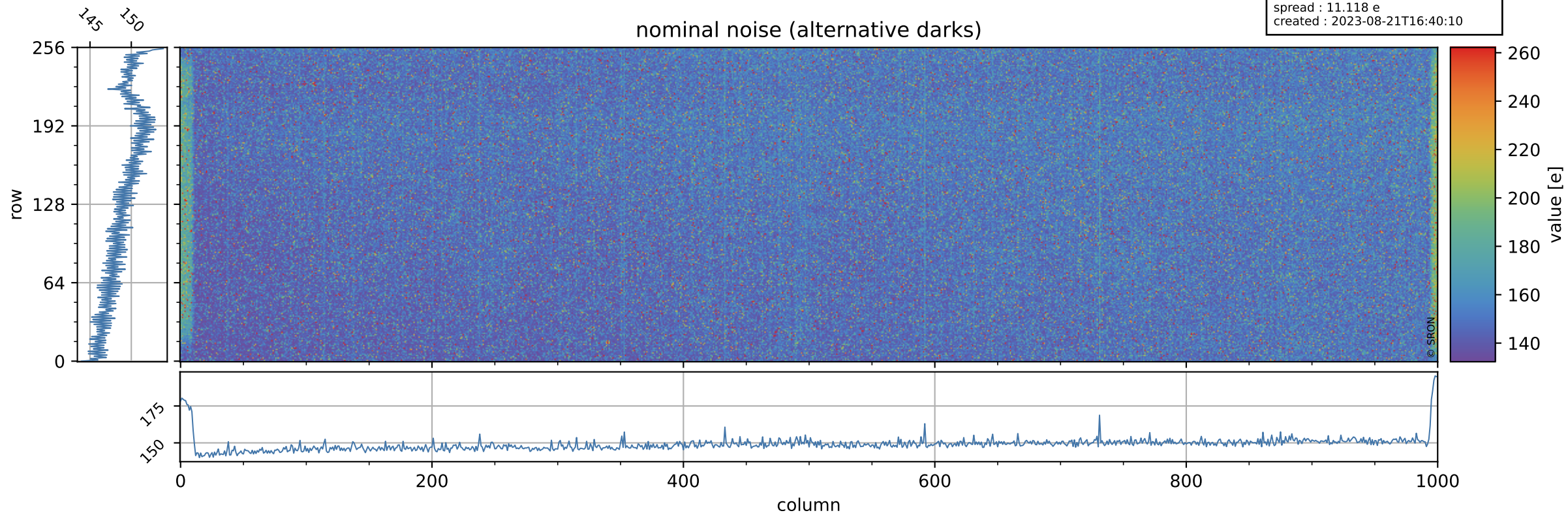


# Tropomi SWIR background noise (swir)

orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
n\_coad, t\_exp : 1, 1.0783  
median : 148.9 e  
spread : 11.118 e  
created : 2023-08-21T16:40:10

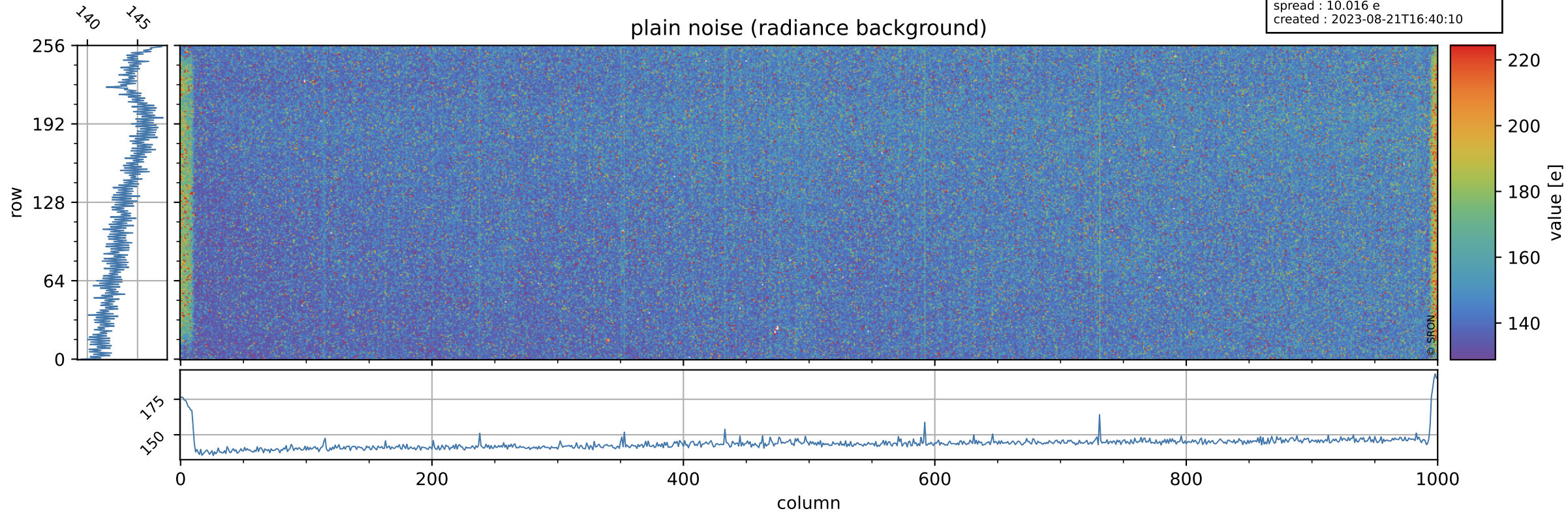
## nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.68 e  
spread : 10.016 e  
created : 2023-08-21T16:40:10

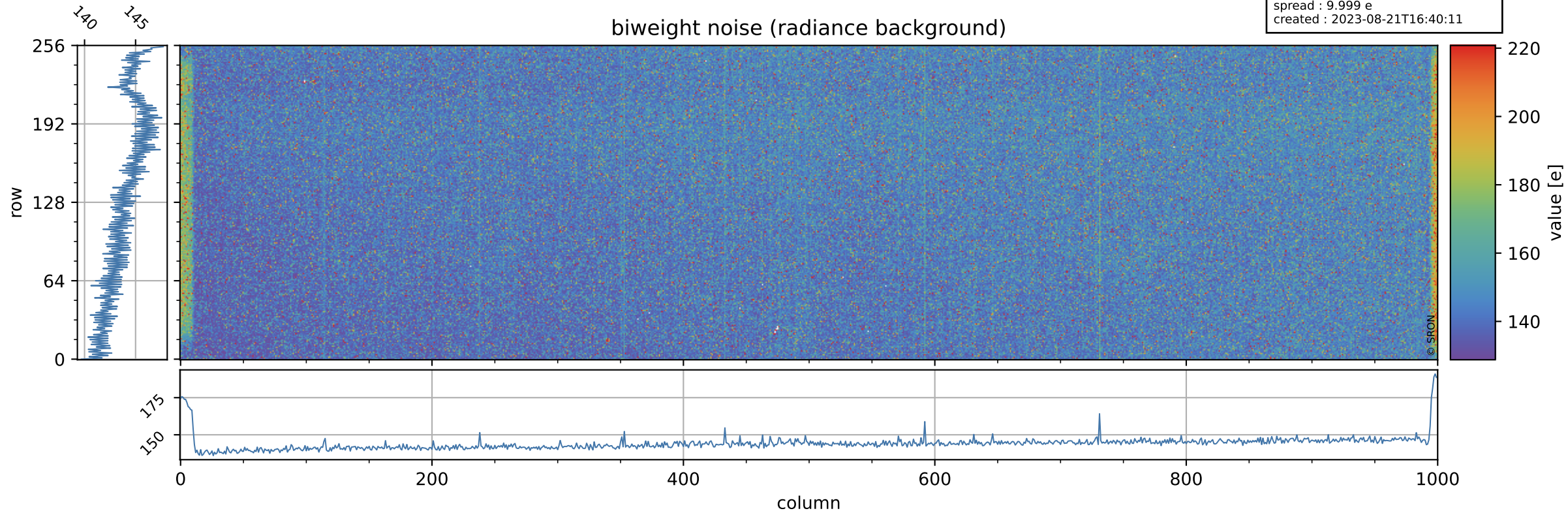
## plain noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
n\_coad, t\_exp : 1, 0.8383  
median : 143.88 e  
spread : 9.999 e  
created : 2023-08-21T16:40:11

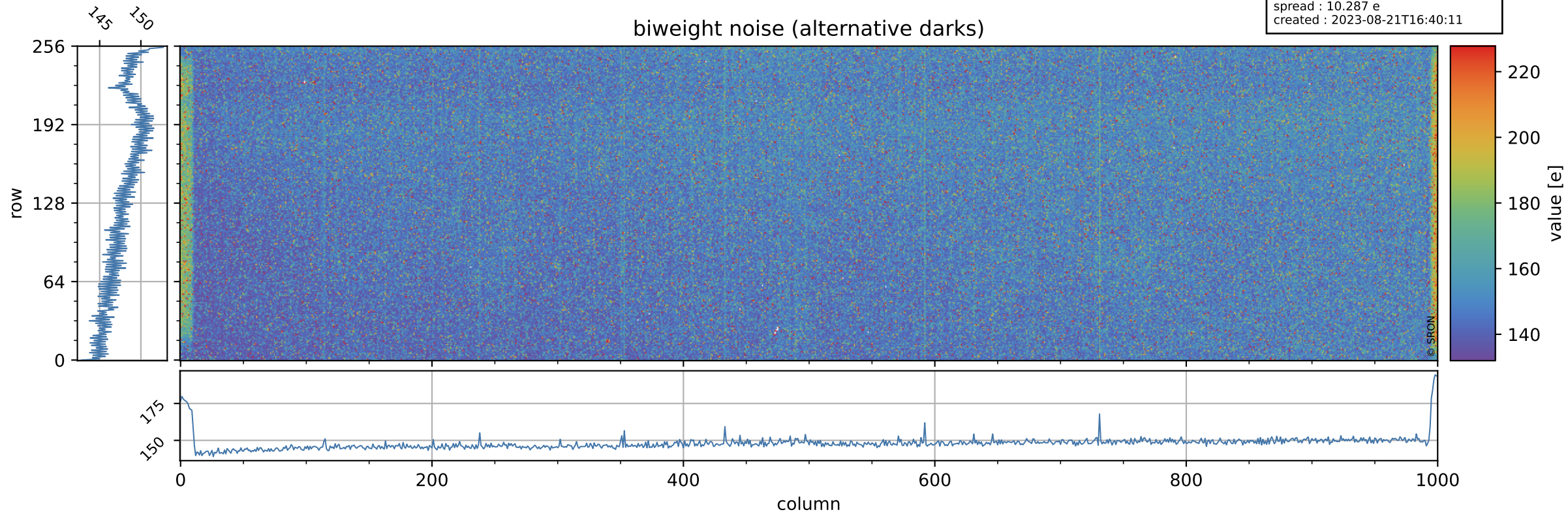
## biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
n\_coad, t\_exp : 1, 1.0783  
median : 147.8 e  
spread : 10.287 e  
created : 2023-08-21T16:40:11

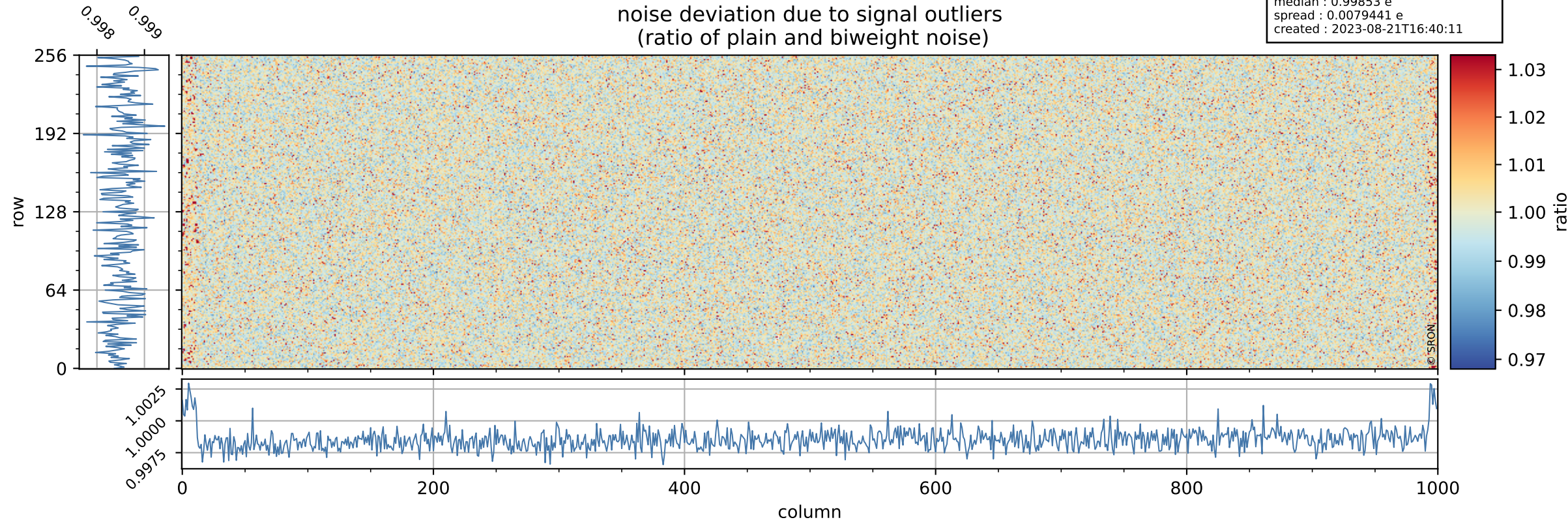
## biweight noise (alternative darks)



# Tropomi SWIR background noise (swir)

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

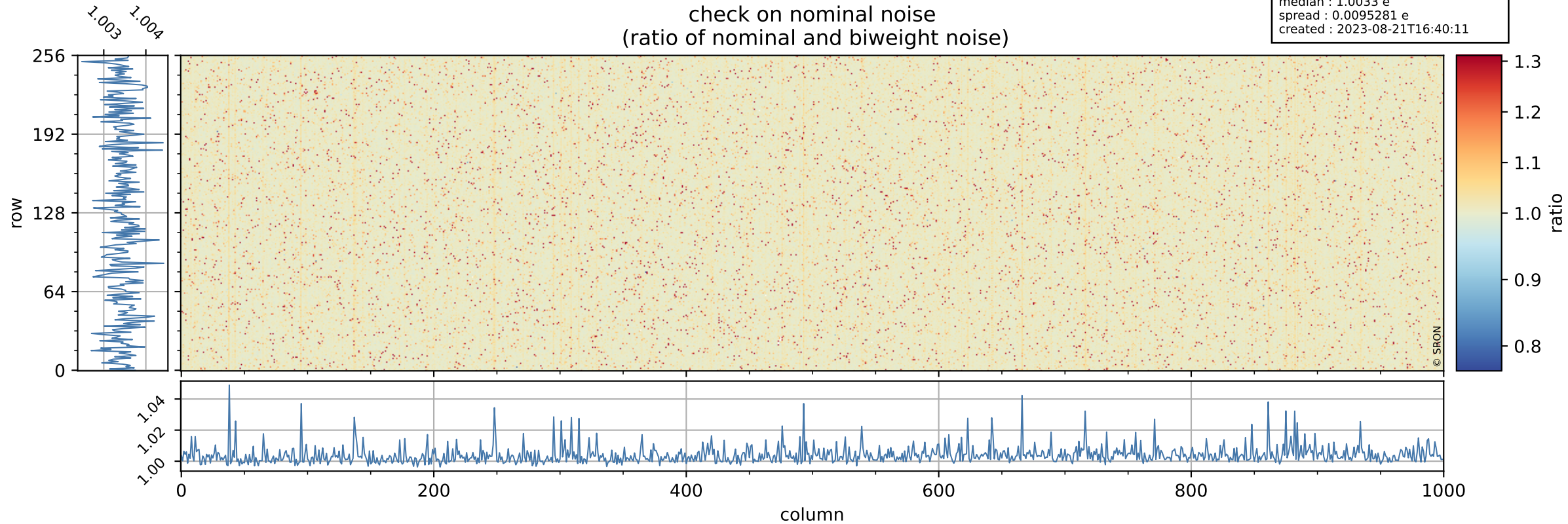
orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
median : 0.99853 e  
spread : 0.0079441 e  
created : 2023-08-21T16:40:11



# Tropomi SWIR background noise (swir)

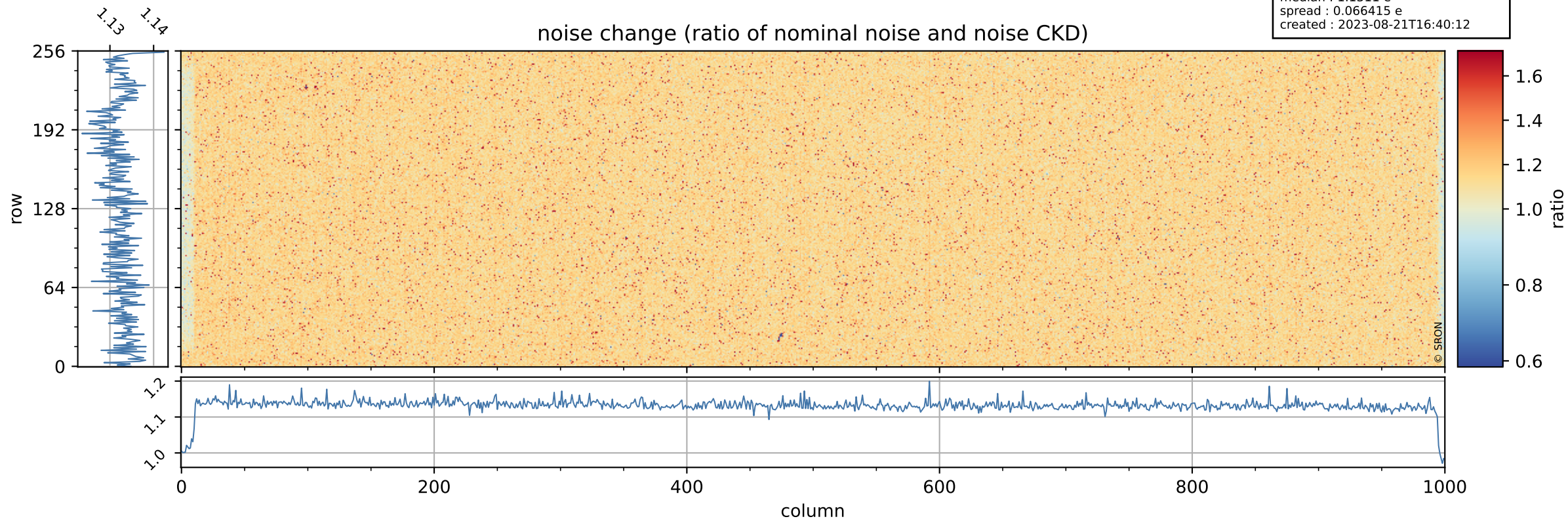
check on nominal noise  
(ratio of nominal and biweight noise)

orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
median : 1.0033 e  
spread : 0.0095281 e  
created : 2023-08-21T16:40:11



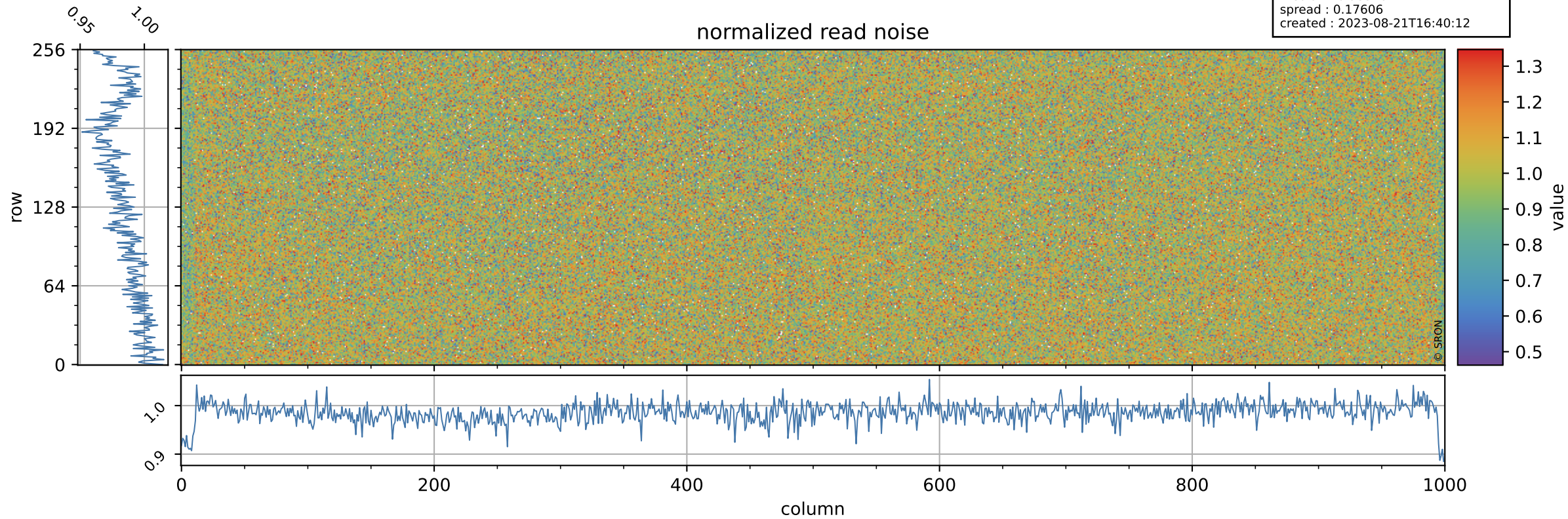
# Tropomi SWIR background noise (swir)

orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
median : 1.1311 e  
spread : 0.066415 e  
created : 2023-08-21T16:40:12



# Tropomi SWIR background noise (swir)

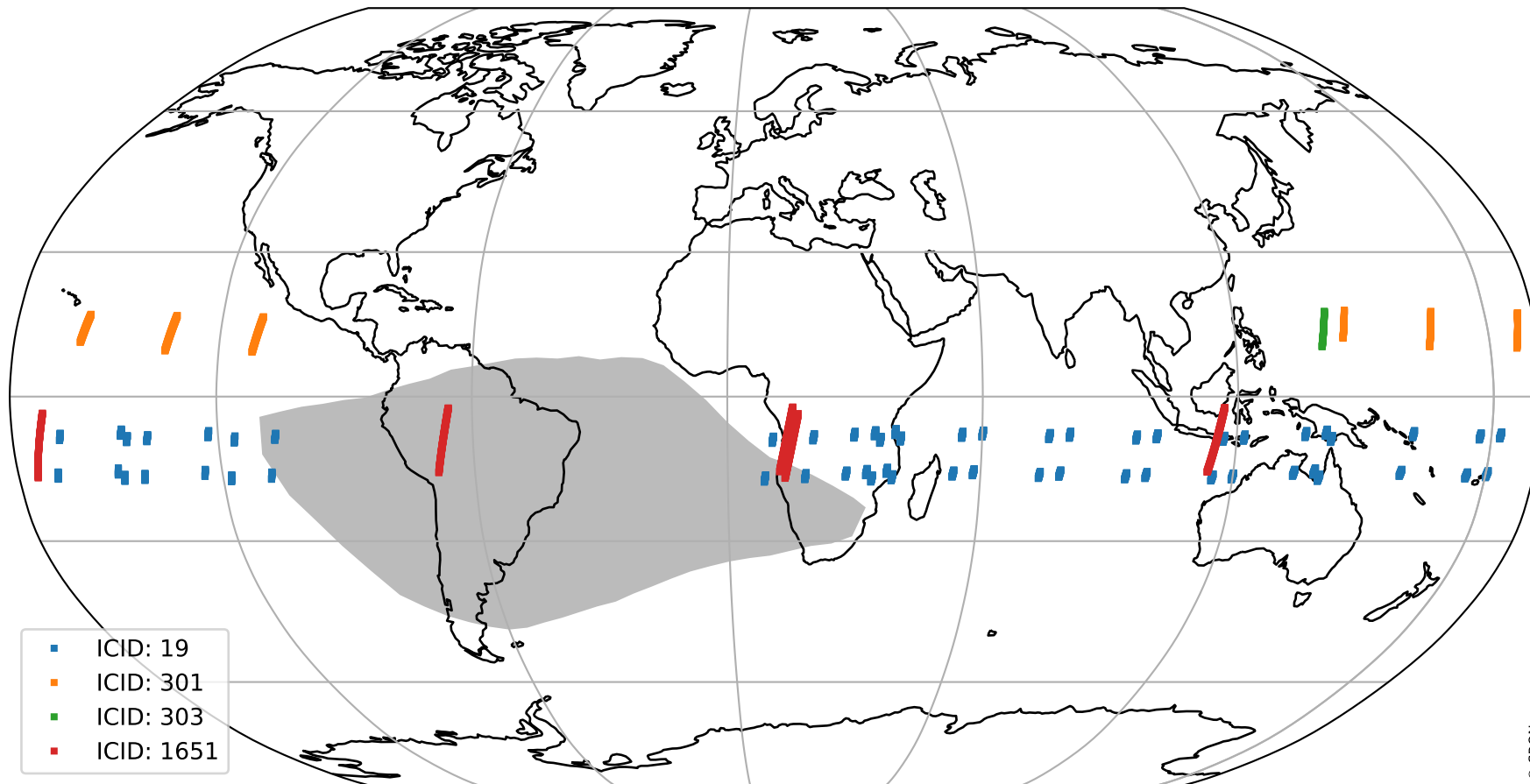
orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
median : 0.98376  
spread : 0.17606  
created : 2023-08-21T16:40:12





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

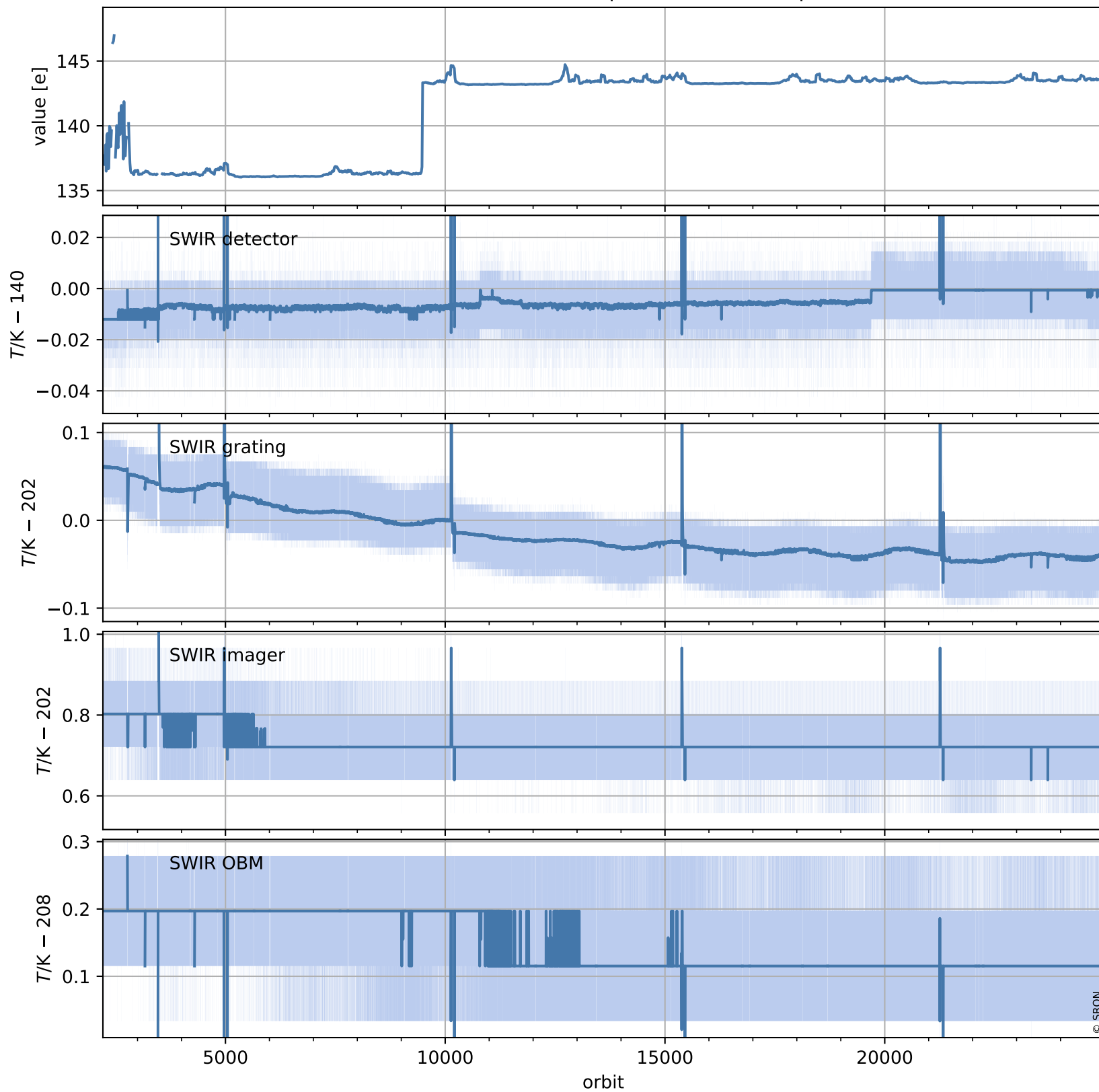
orbits : 12 in [24892, 24982]  
coverage : 2022-08-03 / 2022-08-09  
created : 2023-08-21T16:40:12



# Tropomi SWIR background noise (swir)

orbits : [2212, 24982]  
coverage : 2018-03-18 / 2022-08-09  
created : 2023-08-21T16:40:13

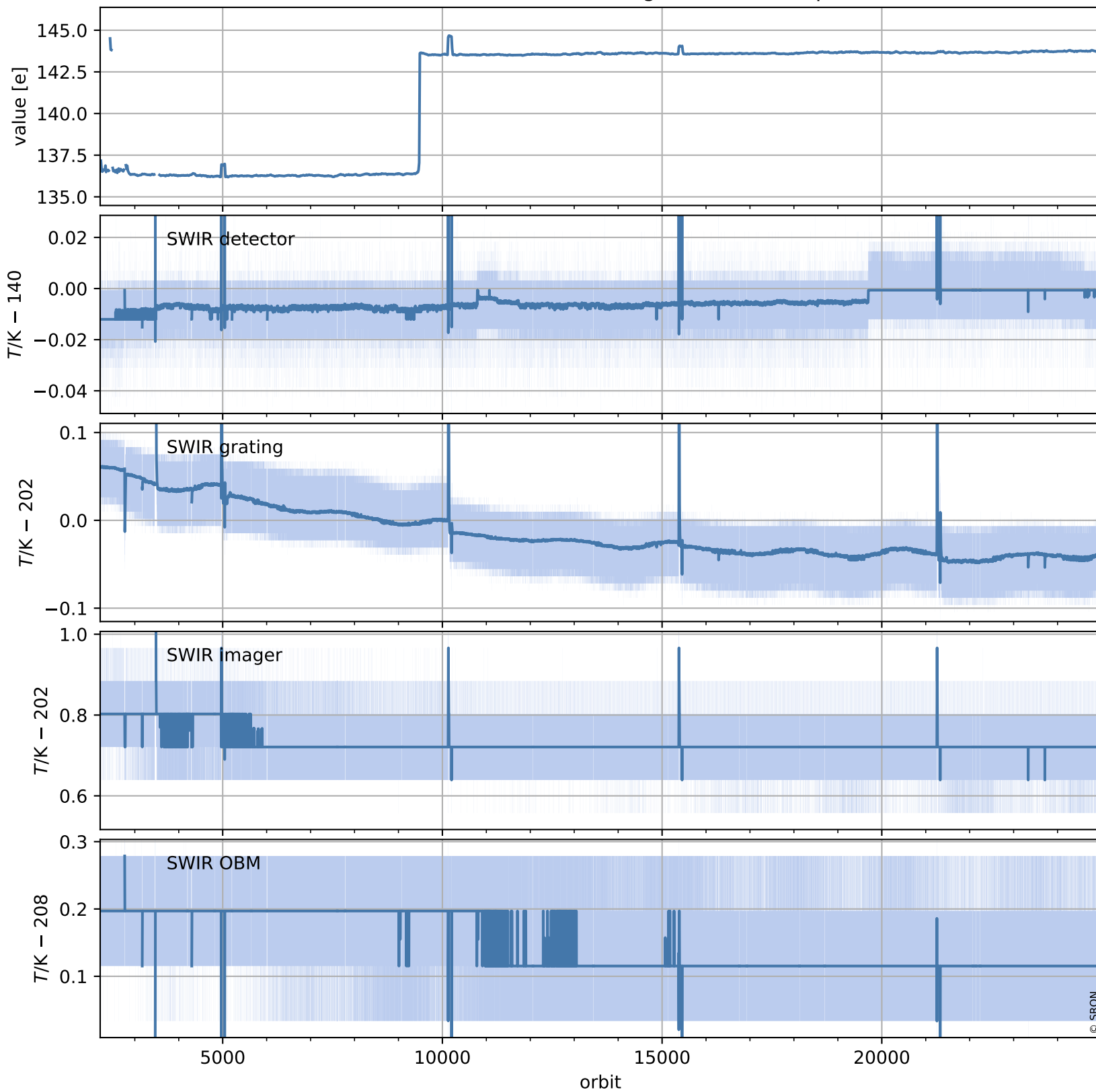
## trend of detector median of plain noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24982]  
coverage : 2018-03-18 / 2022-08-09  
created : 2023-08-21T16:40:13

## trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 24982]  
coverage : 2018-03-18 / 2022-08-09  
created : 2023-08-21T16:40:14

## trend of normalized read-noise & temperatures

