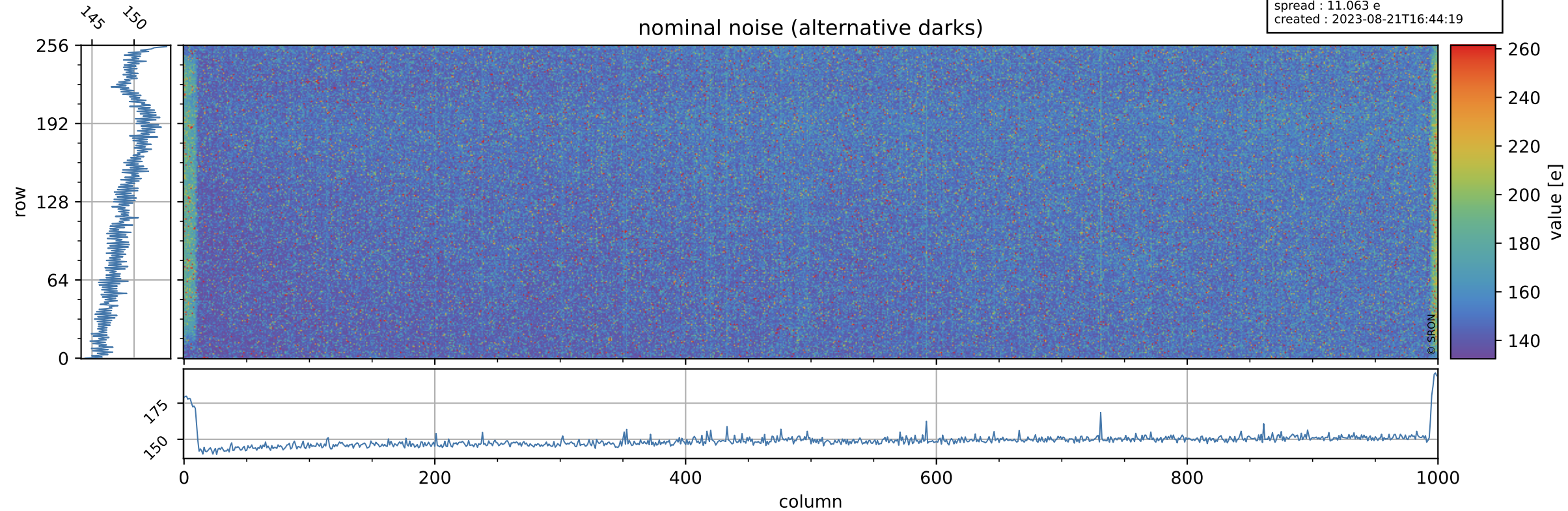


# Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
n\_coad, t\_exp : 1, 1.0783  
median : 148.84 e  
spread : 11.063 e  
created : 2023-08-21T16:44:19

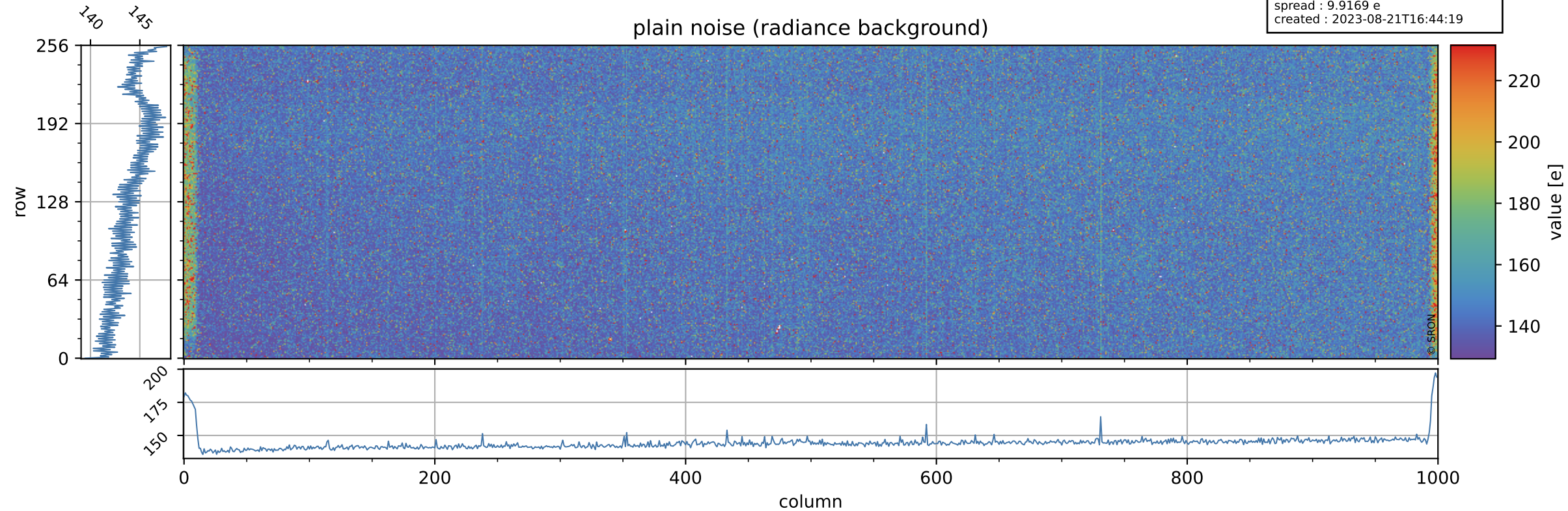
nominal noise (alternative darks)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.89 e  
spread : 9.9169 e  
created : 2023-08-21T16:44:19

plain noise (radiance background)

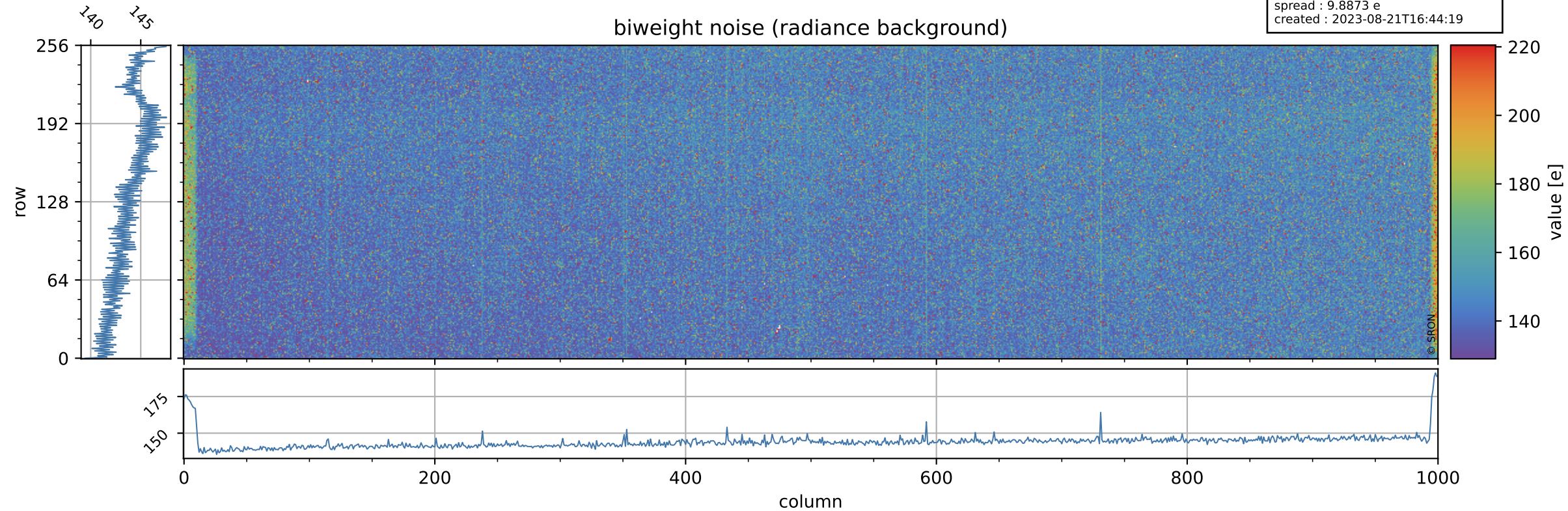




# Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
n\_coad, t\_exp : 1, 0.8383  
median : 143.78 e  
spread : 9.8873 e  
created : 2023-08-21T16:44:19

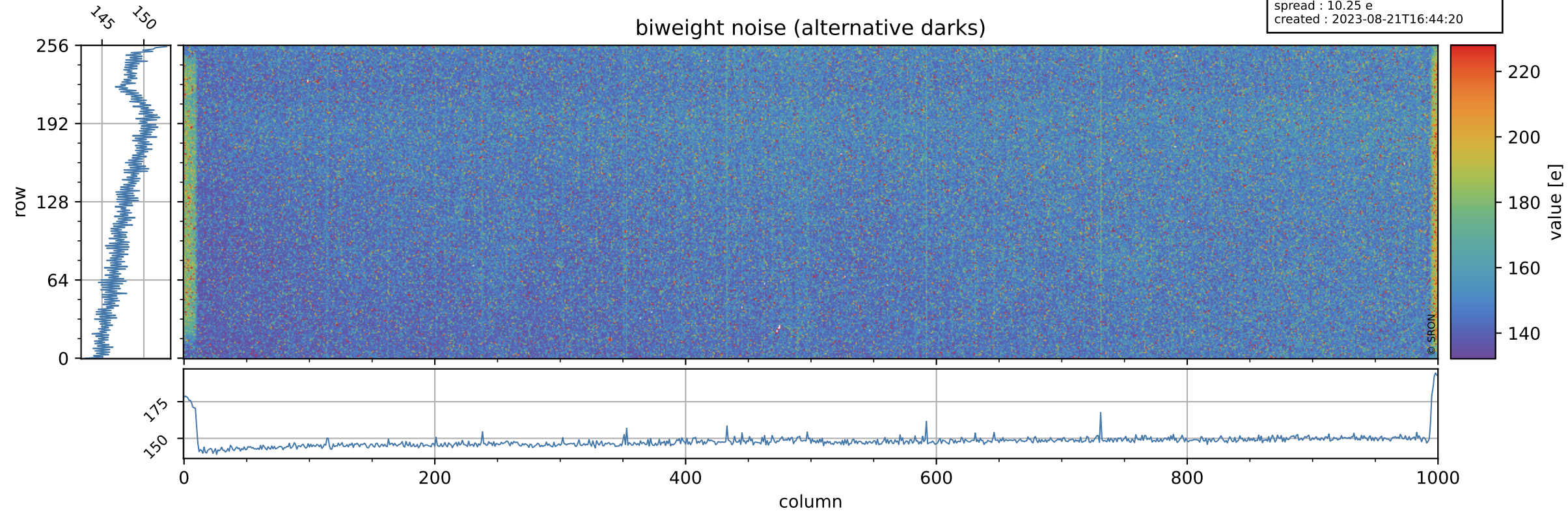
biweight noise (radiance background)



# Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
n\_coad, t\_exp : 1, 1.0783  
median : 147.79 e  
spread : 10.25 e  
created : 2023-08-21T16:44:20

biweight noise (alternative darks)

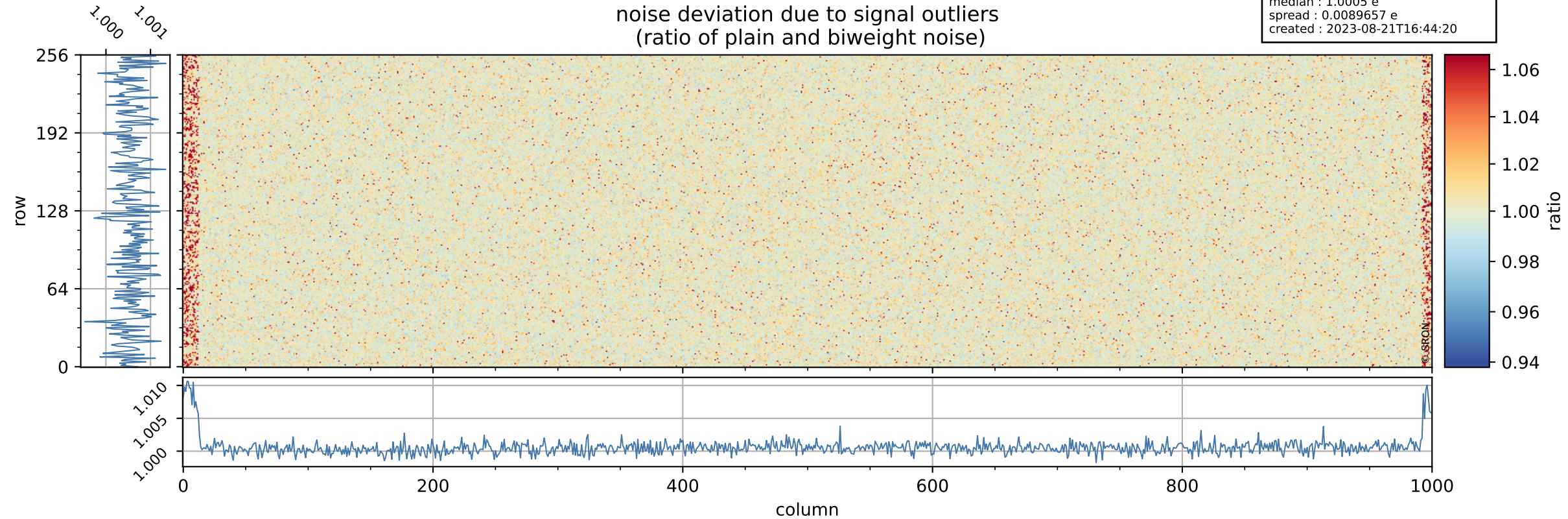




# Tropomi SWIR background noise (swir)

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

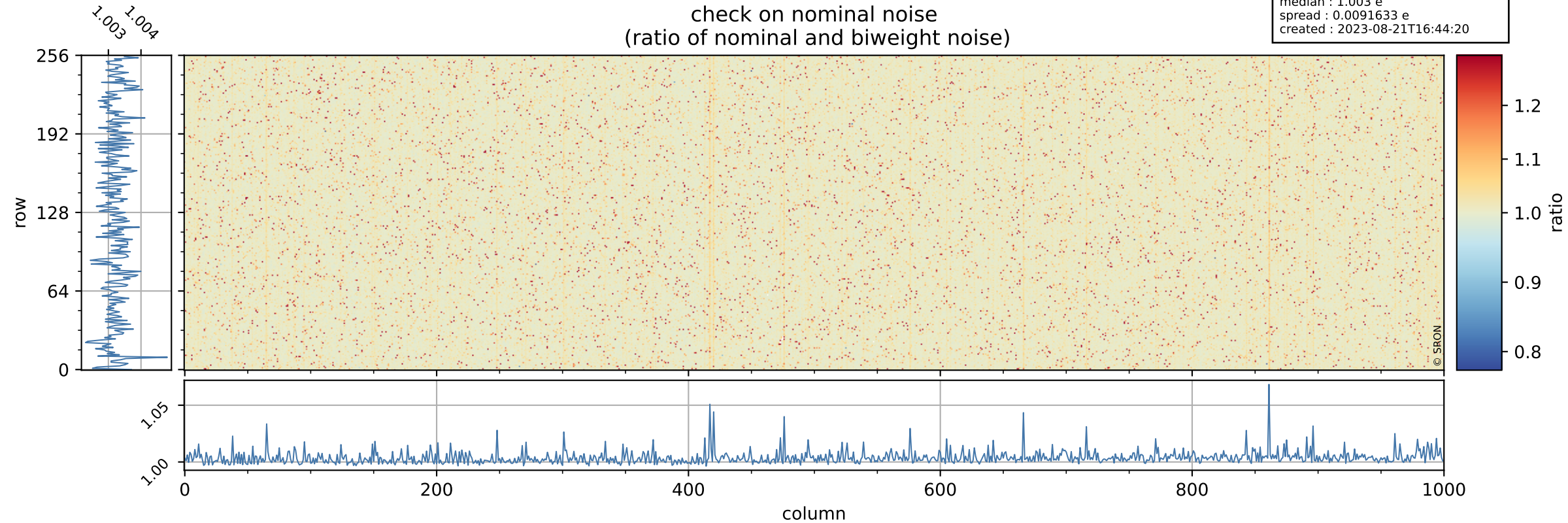
orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
median : 1.0005 e  
spread : 0.0089657 e  
created : 2023-08-21T16:44:20



# Tropomi SWIR background noise (swir)

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

orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
median : 1.003 e  
spread : 0.0091633 e  
created : 2023-08-21T16:44:20

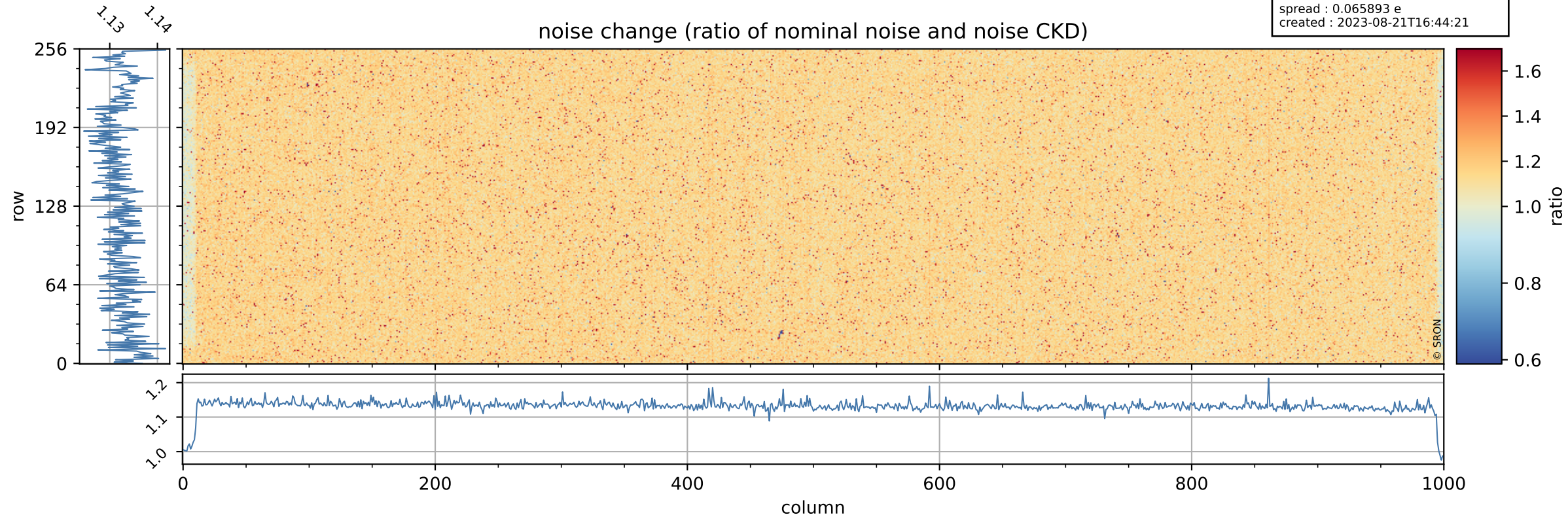




# Tropomi SWIR background noise (swir)

orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
median : 1.1309 e  
spread : 0.065893 e  
created : 2023-08-21T16:44:21

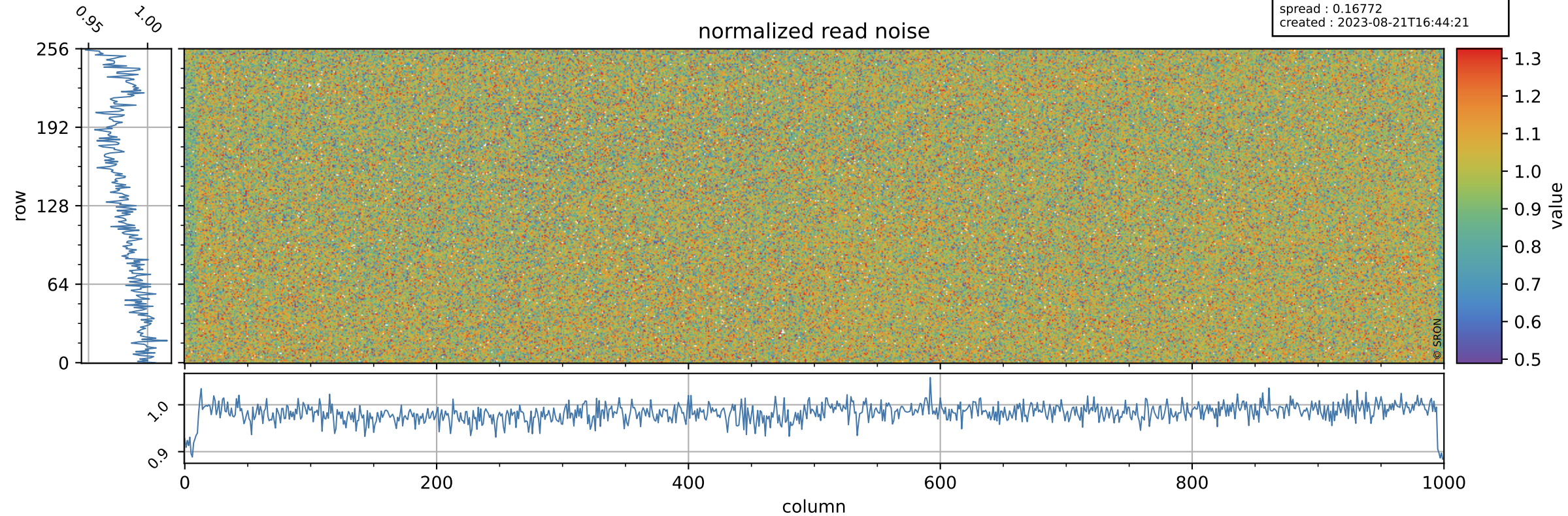
noise change (ratio of nominal noise and noise CKD)





# Tropomi SWIR background noise (swir)

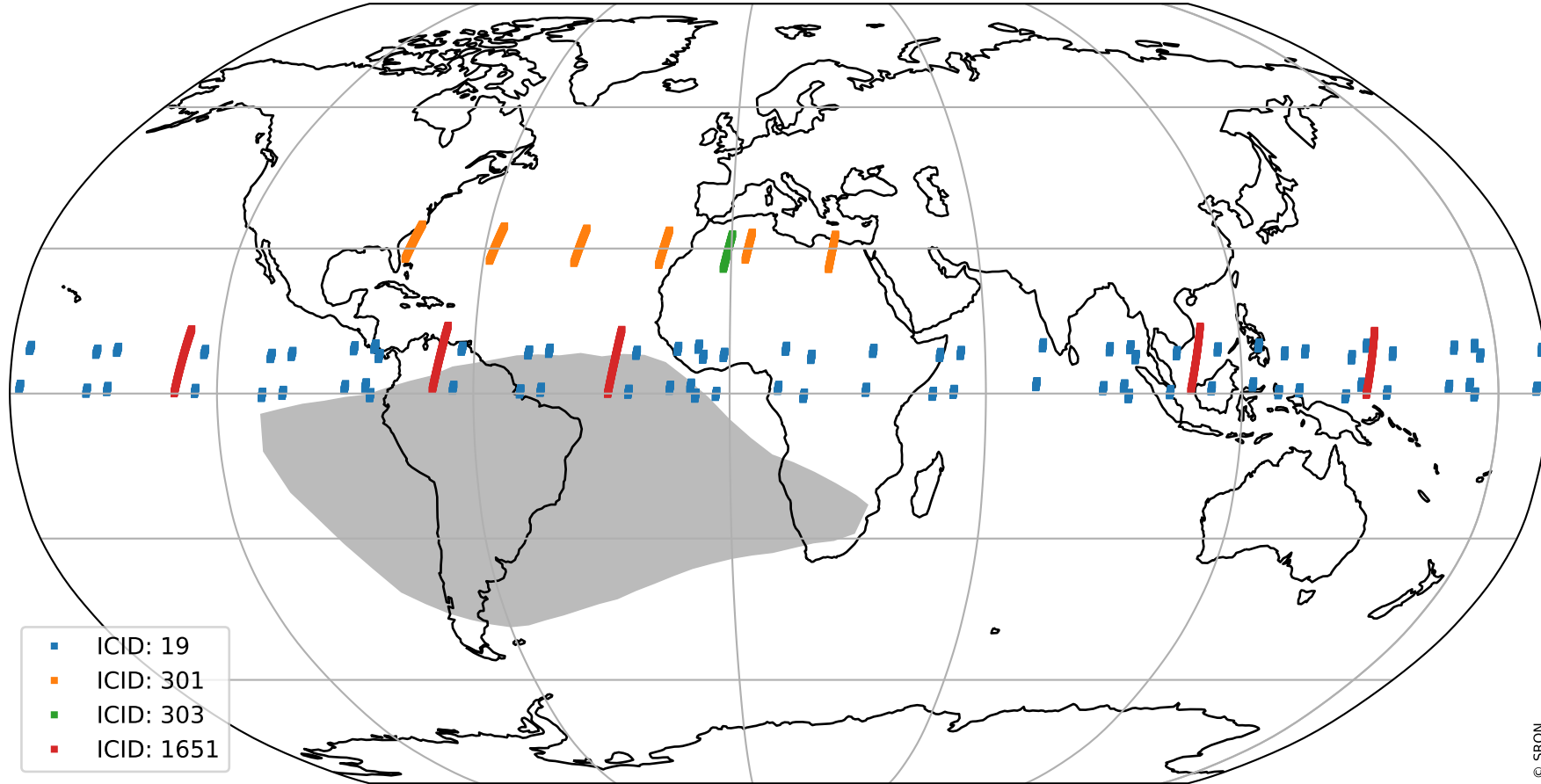
orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
median : 0.98071  
spread : 0.16772  
created : 2023-08-21T16:44:21





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

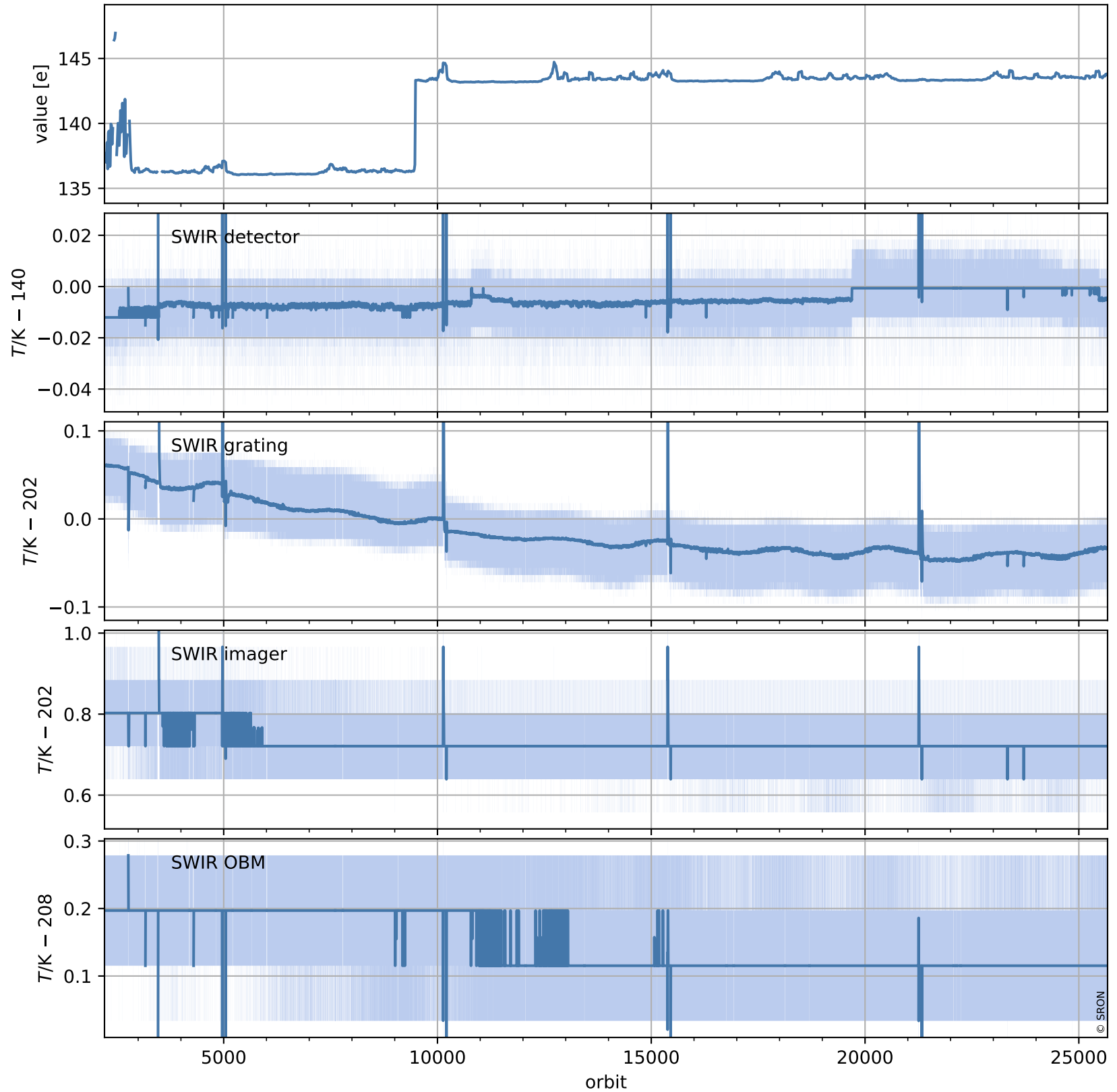
orbits : 12 in [25597, 25672]  
coverage : 2022-09-20 / 2022-09-26  
created : 2023-08-21T16:44:21



# Tropomi SWIR background noise (swir)

orbits : [2212, 25672]  
coverage : 2018-03-18 / 2022-09-26  
created : 2023-08-21T16:44:21

trend of detector median of plain noise & temperatures

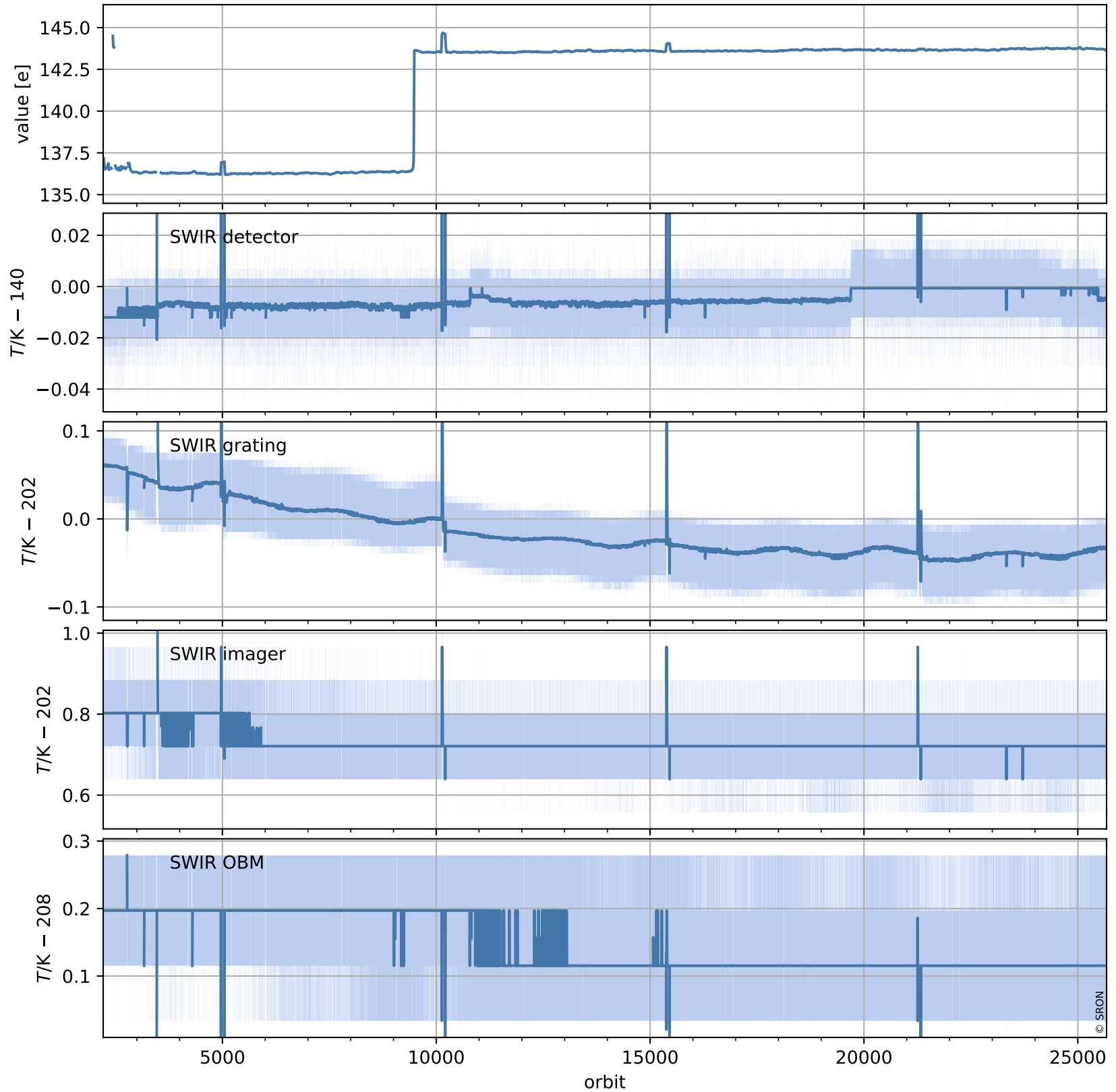




# Tropomi SWIR background noise (swir)

orbits : [2212, 25672]  
coverage : 2018-03-18 / 2022-09-26  
created : 2023-08-21T16:44:22

trend of detector median of biweight noise & temperatures



# Tropomi SWIR background noise (swir)

orbits : [2212, 25672]  
coverage : 2018-03-18 / 2022-09-26  
created : 2023-08-21T16:44:23

trend of normalized read-noise & temperatures

