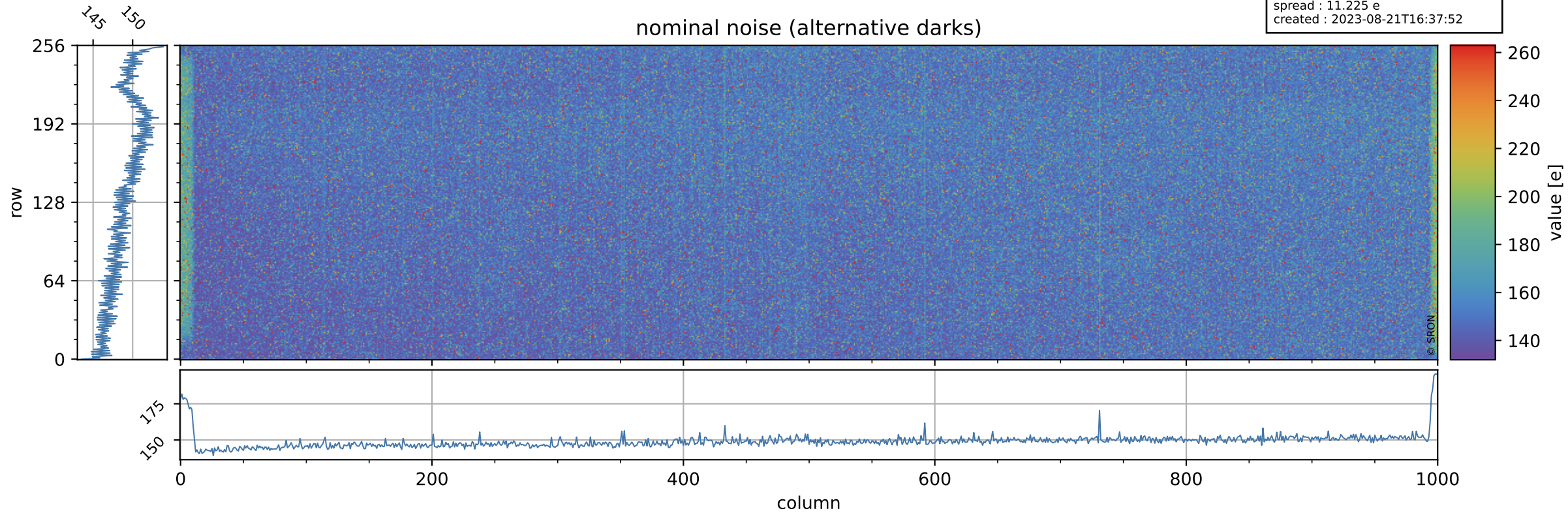


Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.225 e
created : 2023-08-21T16:37:52

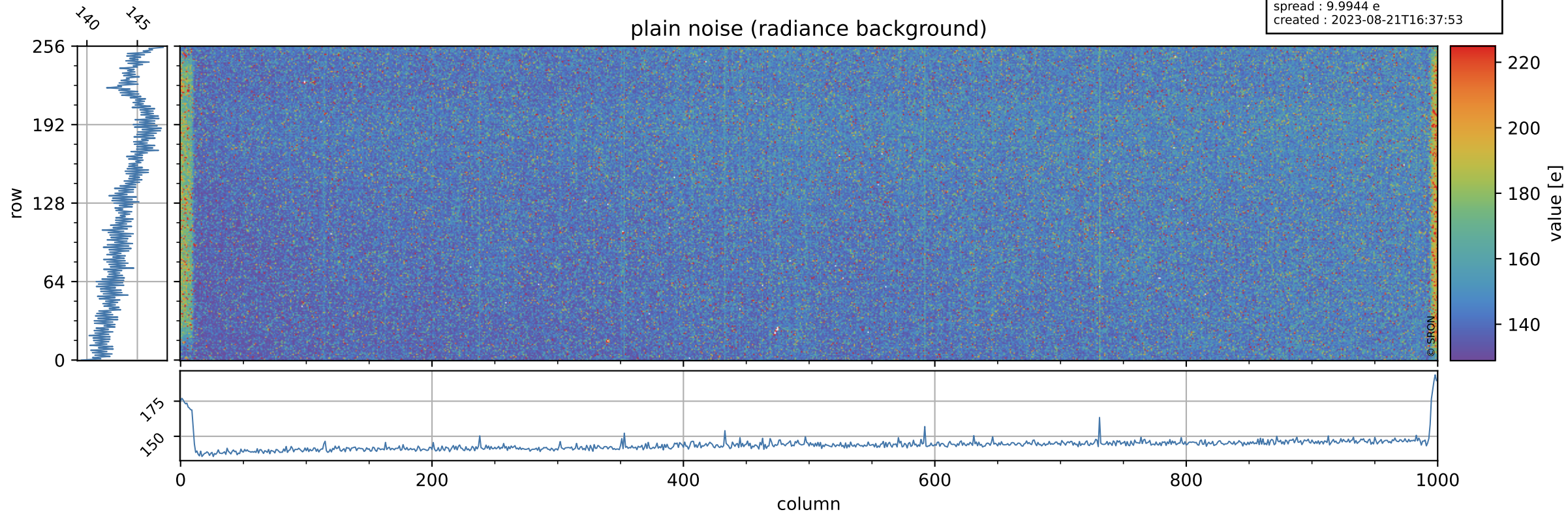
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9944 e
created : 2023-08-21T16:37:53

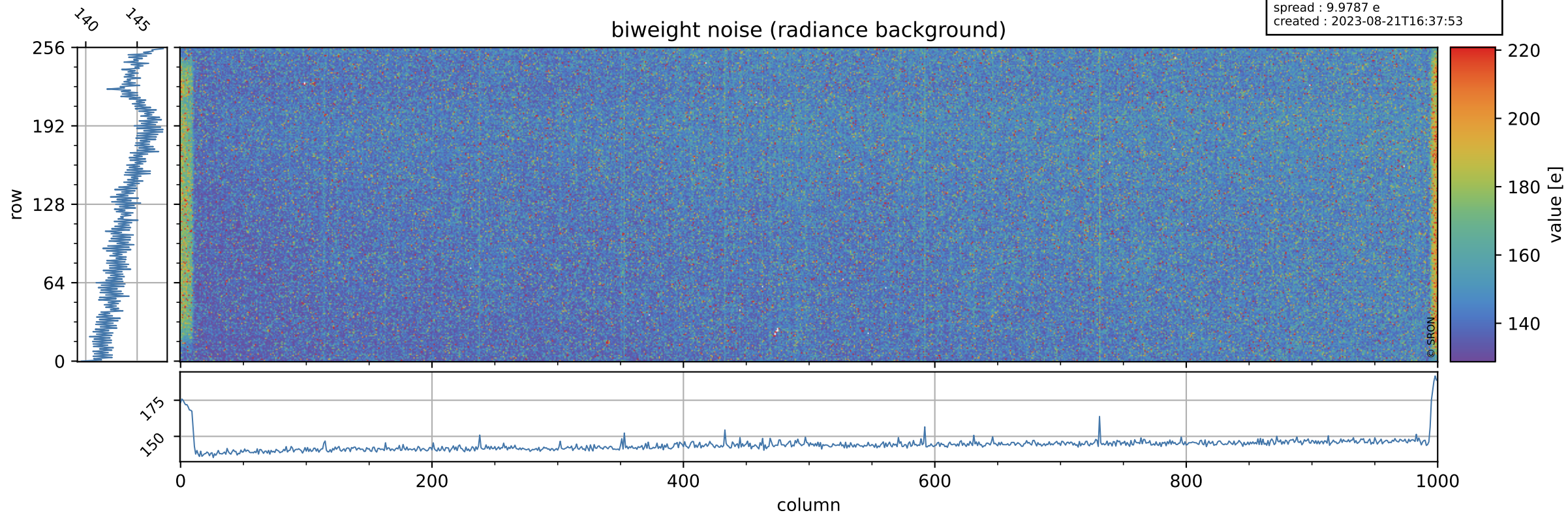
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.9787 e
created : 2023-08-21T16:37:53

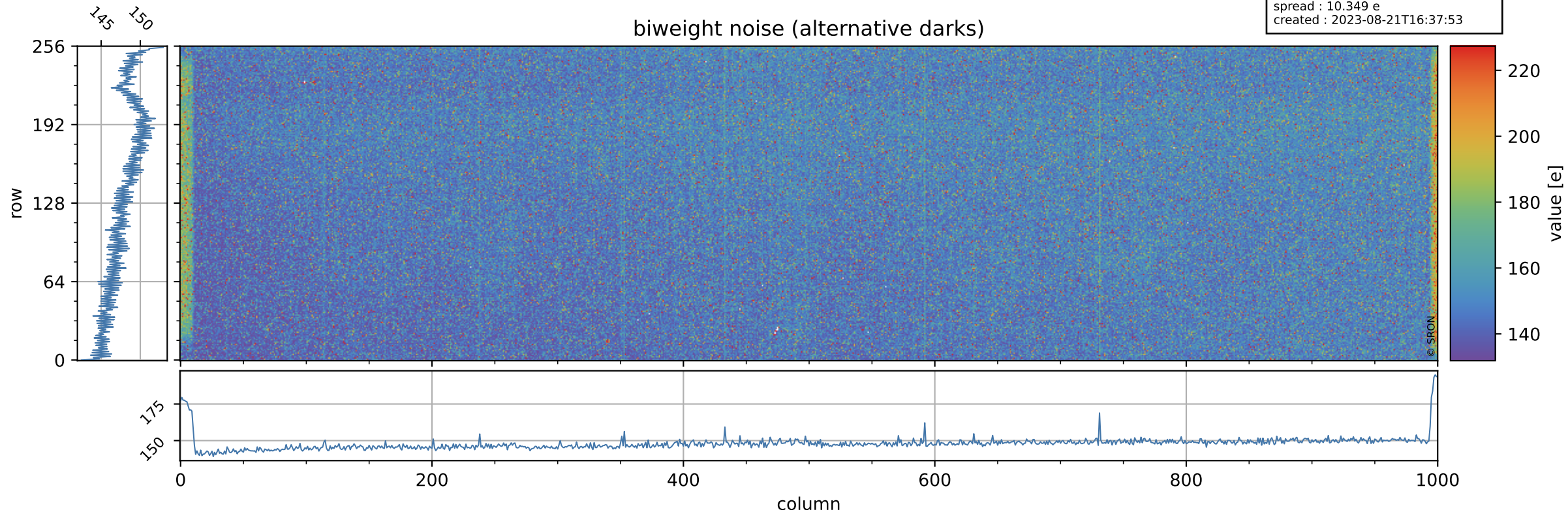
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.349 e
created : 2023-08-21T16:37:53

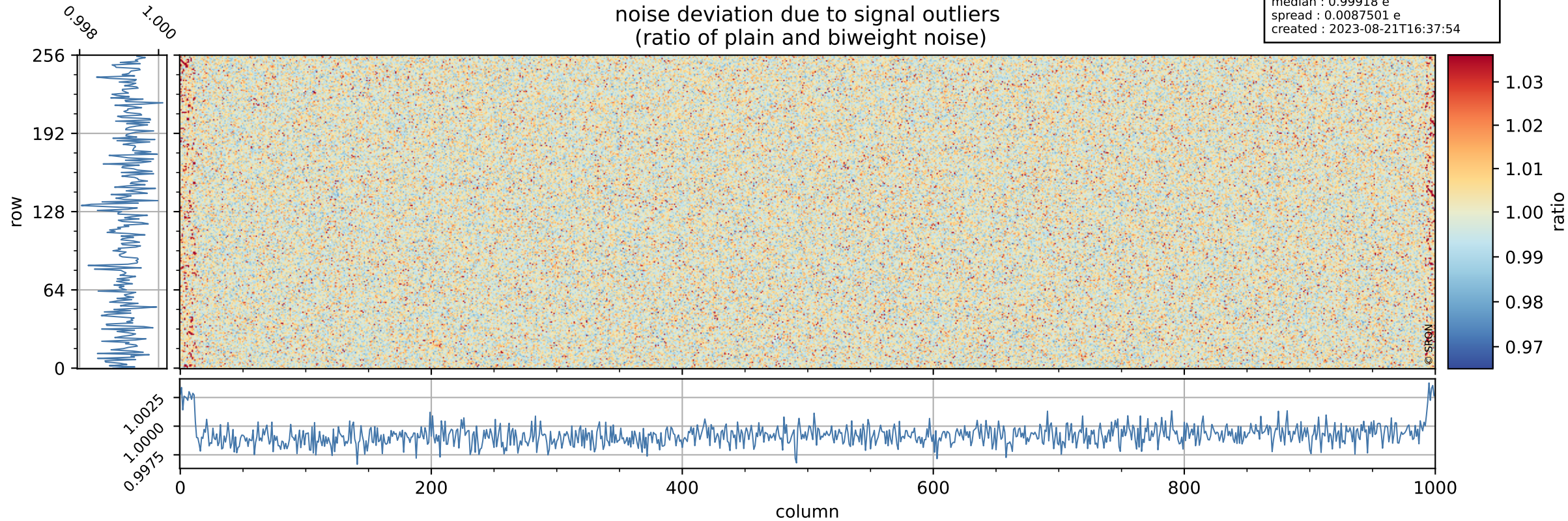
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

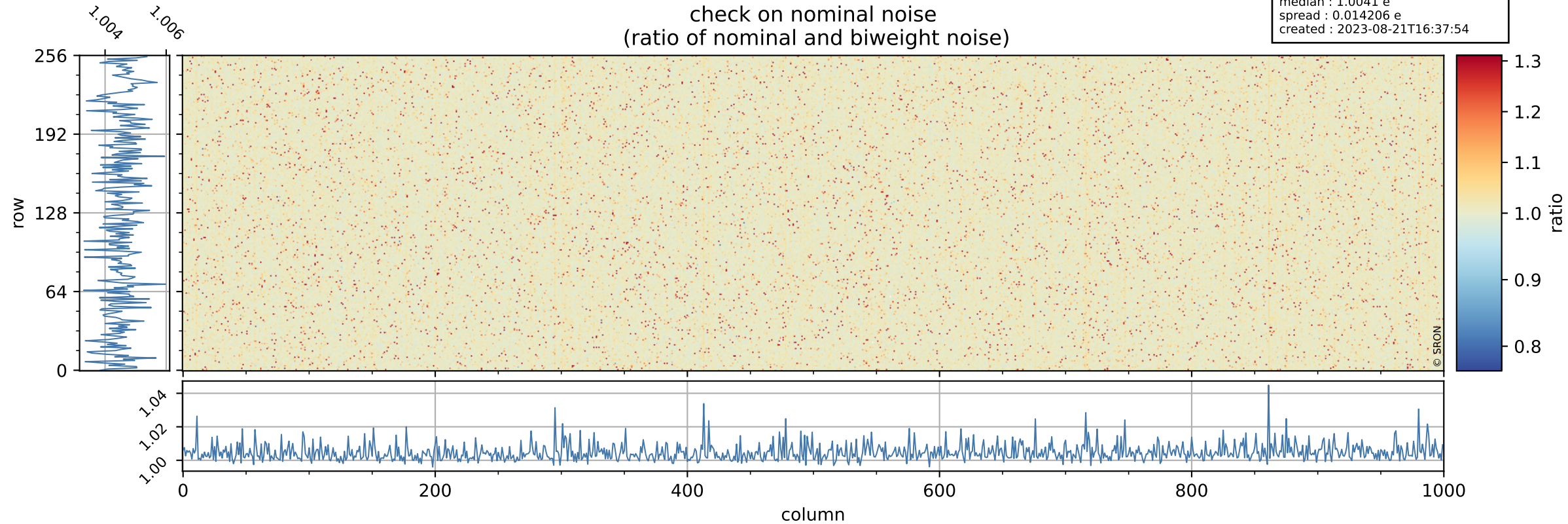
orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
median : 0.99918 e
spread : 0.0087501 e
created : 2023-08-21T16:37:54



Tropomi SWIR background noise (swir)

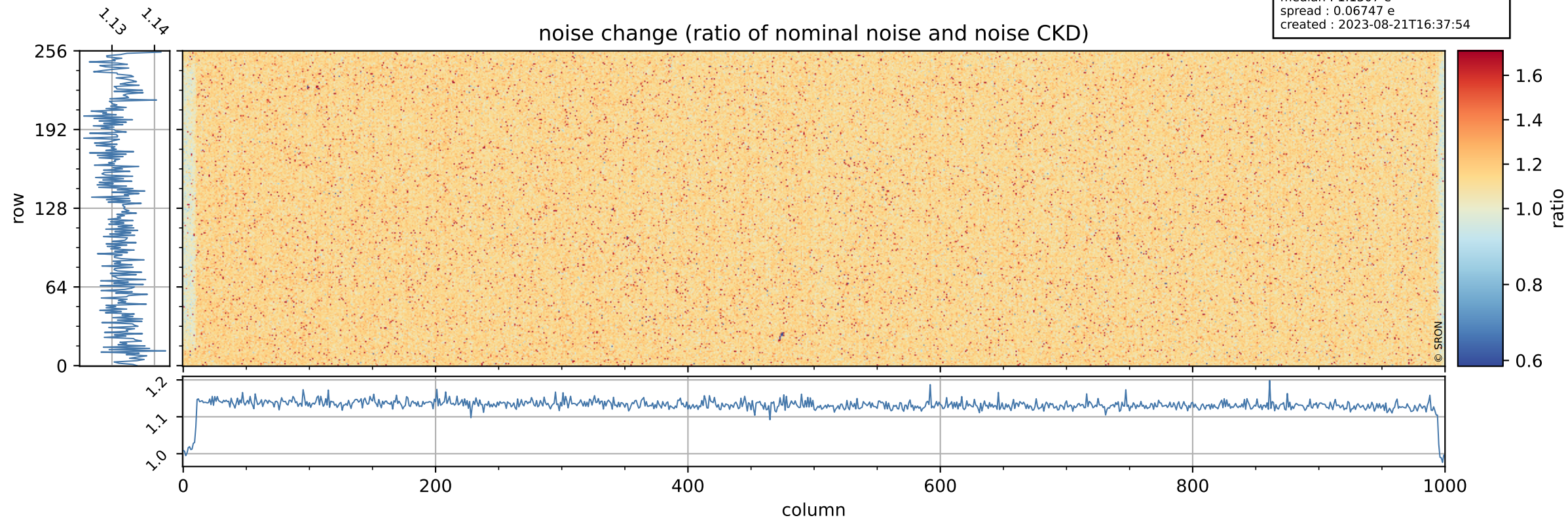
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
median : 1.0041 e
spread : 0.014206 e
created : 2023-08-21T16:37:54



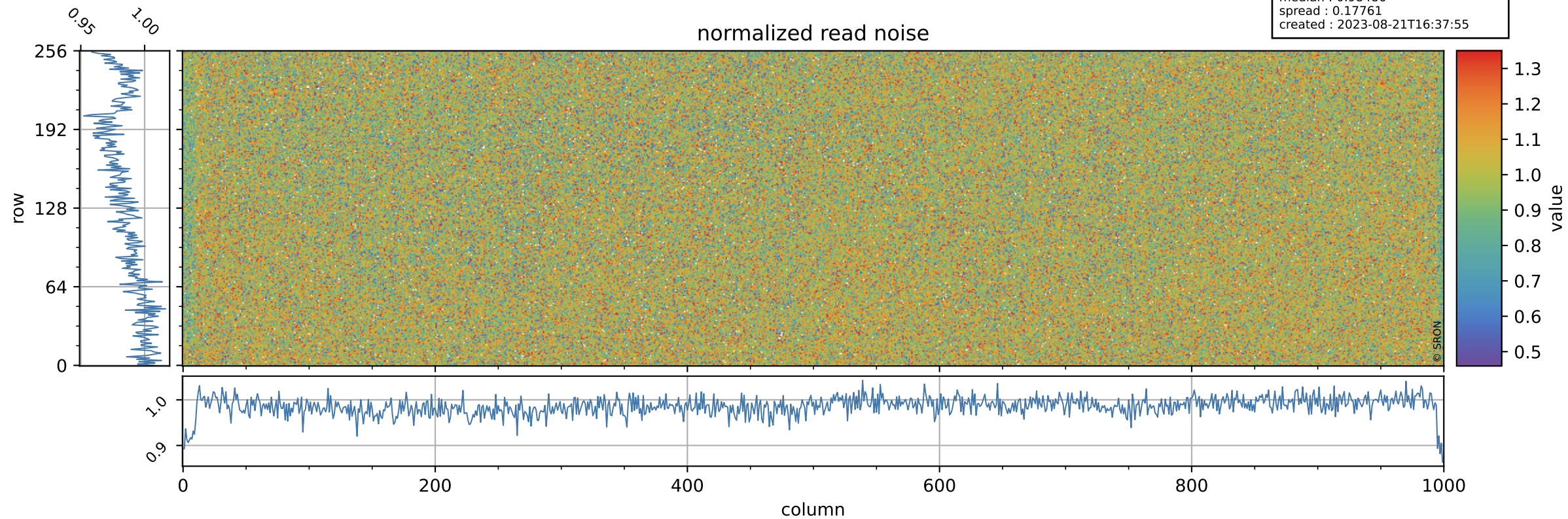
Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
median : 1.1307 e
spread : 0.06747 e
created : 2023-08-21T16:37:54



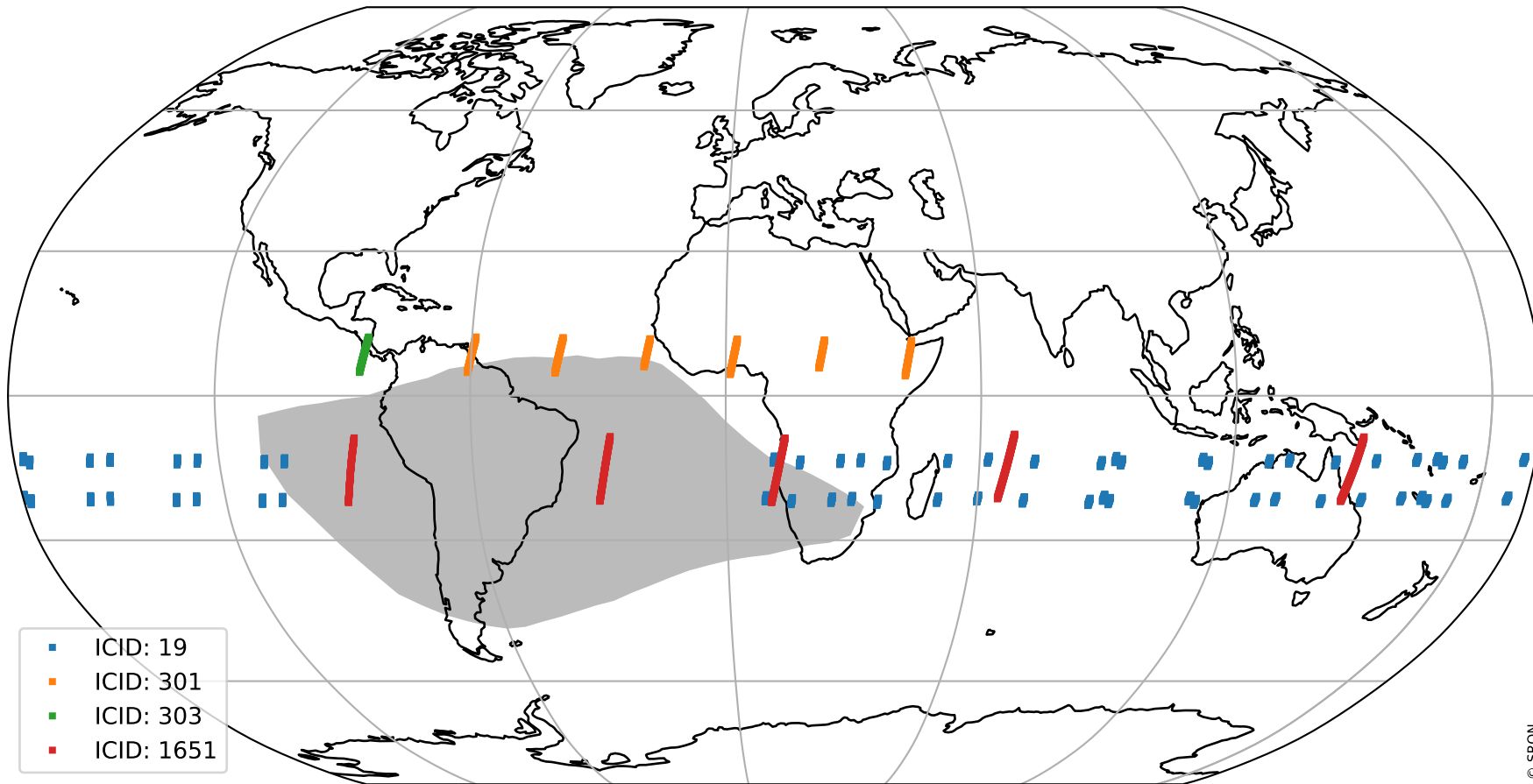
Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
median : 0.98486
spread : 0.17761
created : 2023-08-21T16:37:55



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

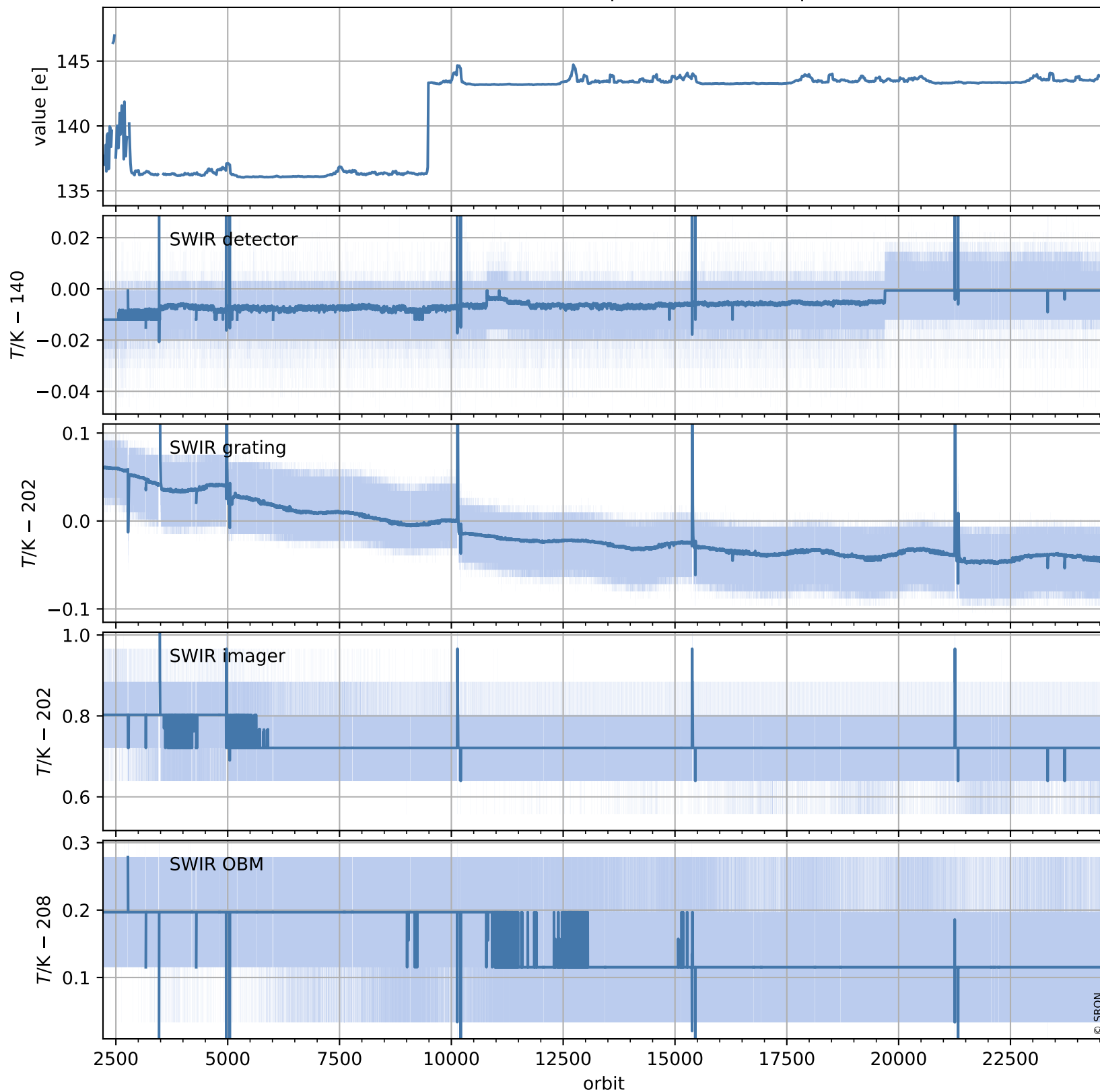
orbits : 12 in [24517, 24607]
coverage : 2022-07-07 / 2022-07-13
created : 2023-08-21T16:37:55



Tropomi SWIR background noise (swir)

orbits : [2212, 24607]
coverage : 2018-03-18 / 2022-07-13
created : 2023-08-21T16:37:55

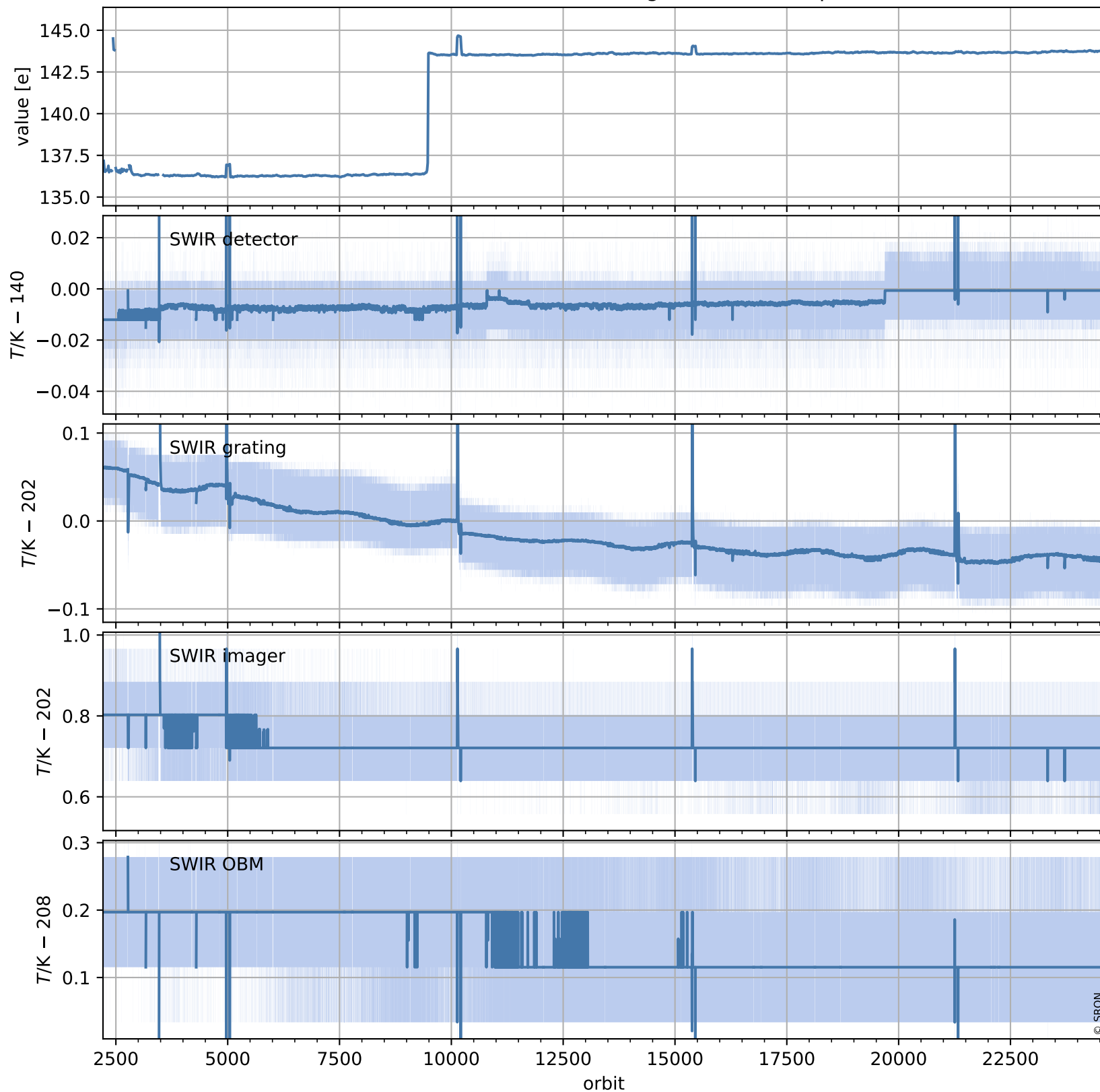
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24607]
coverage : 2018-03-18 / 2022-07-13
created : 2023-08-21T16:37:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24607]
coverage : 2018-03-18 / 2022-07-13
created : 2023-08-21T16:37:57

trend of normalized read-noise & temperatures

