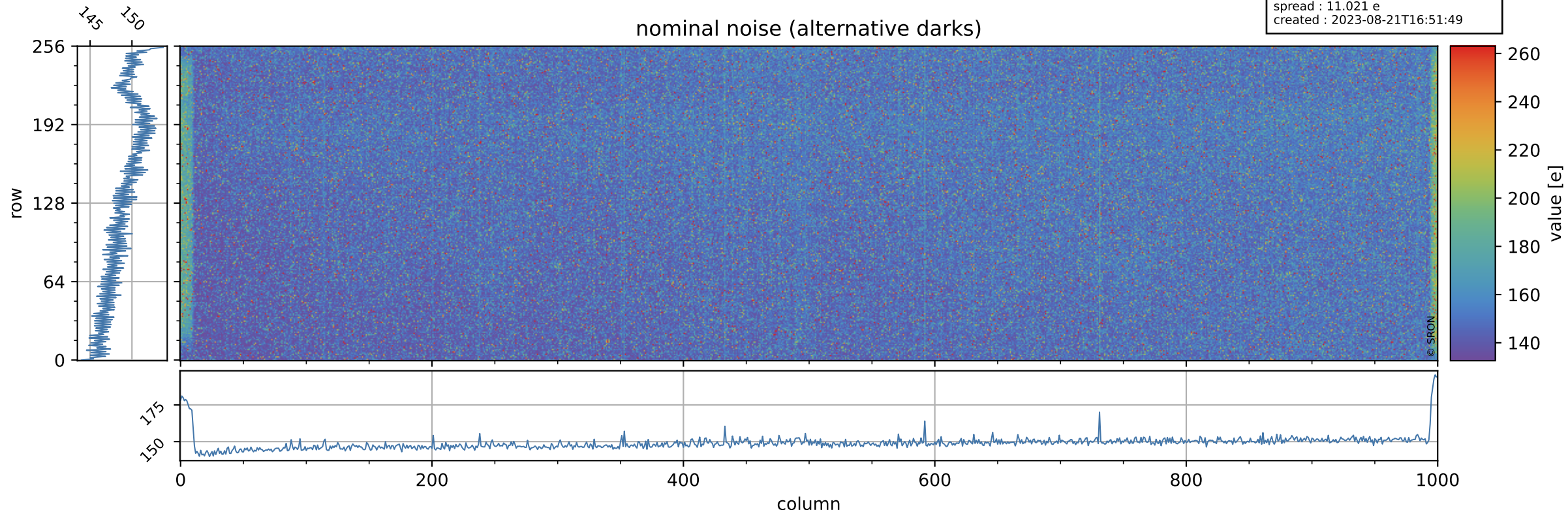


Tropomi SWIR background noise (swir)

orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.021 e
created : 2023-08-21T16:51:49

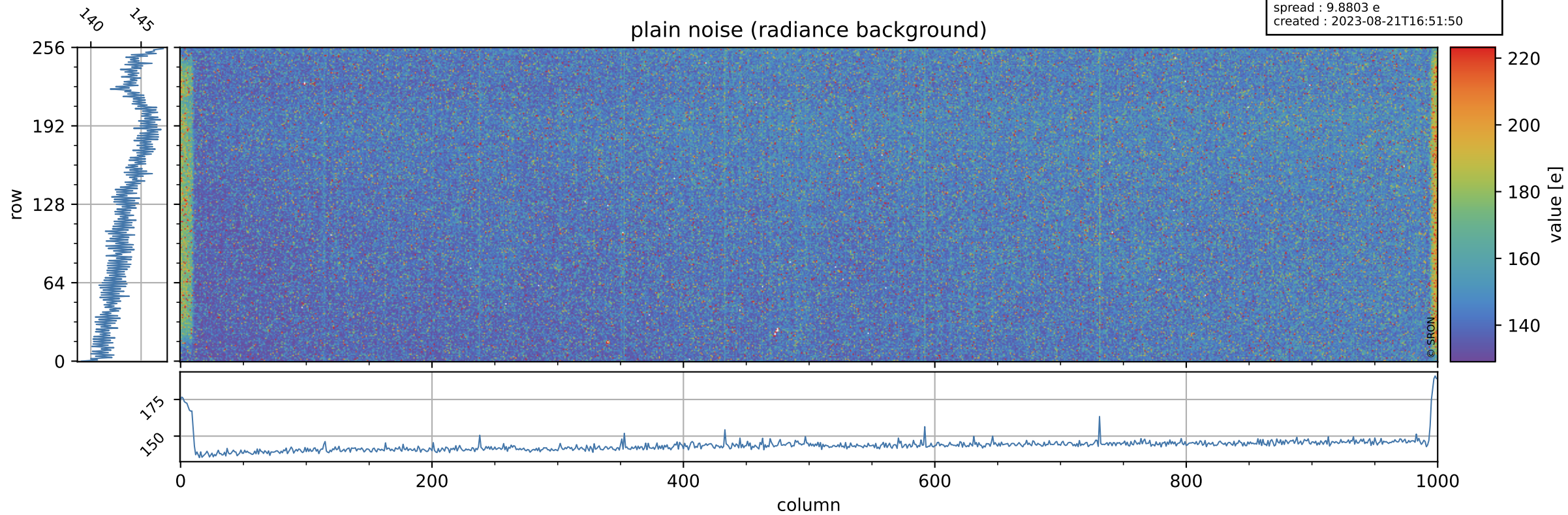
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
n_coad, t_exp : 1, 0.8383
median : 143.56 e
spread : 9.8803 e
created : 2023-08-21T16:51:50

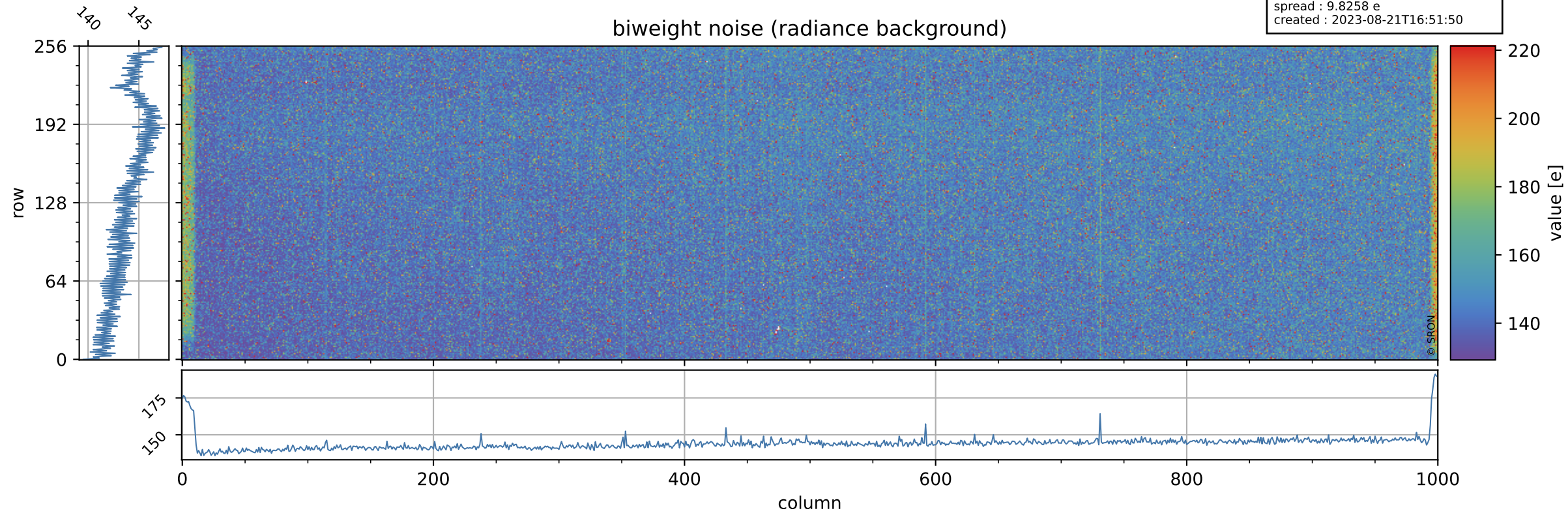
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.8258 e
created : 2023-08-21T16:51:50

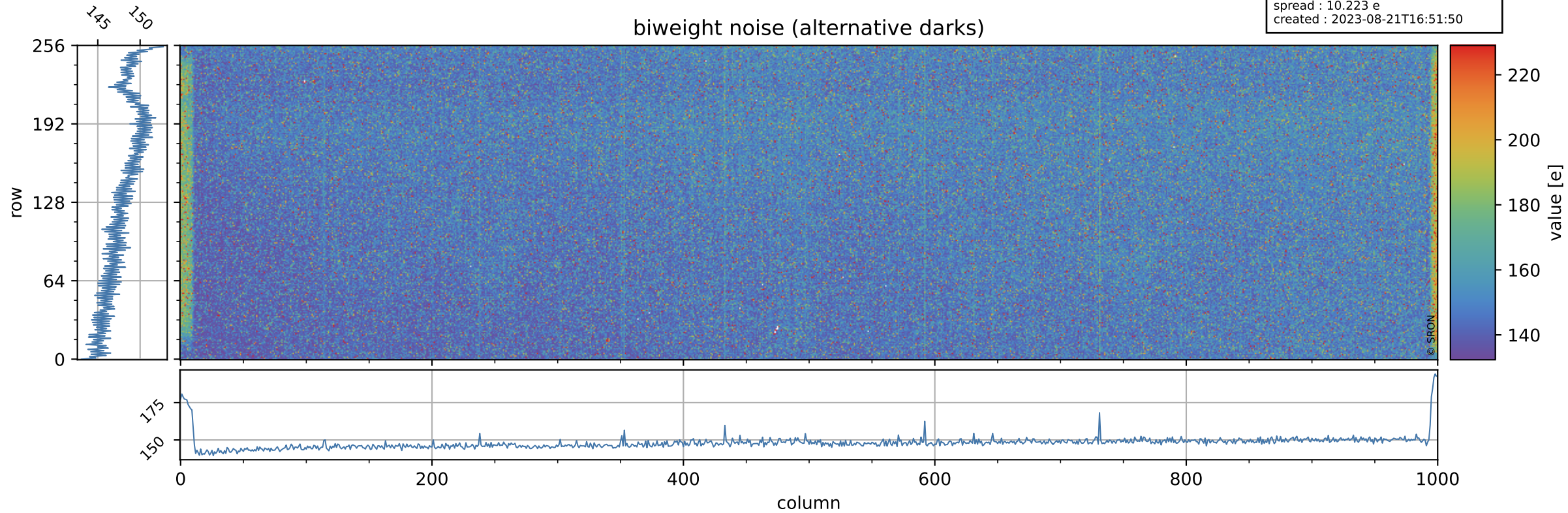
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.223 e
created : 2023-08-21T16:51:50

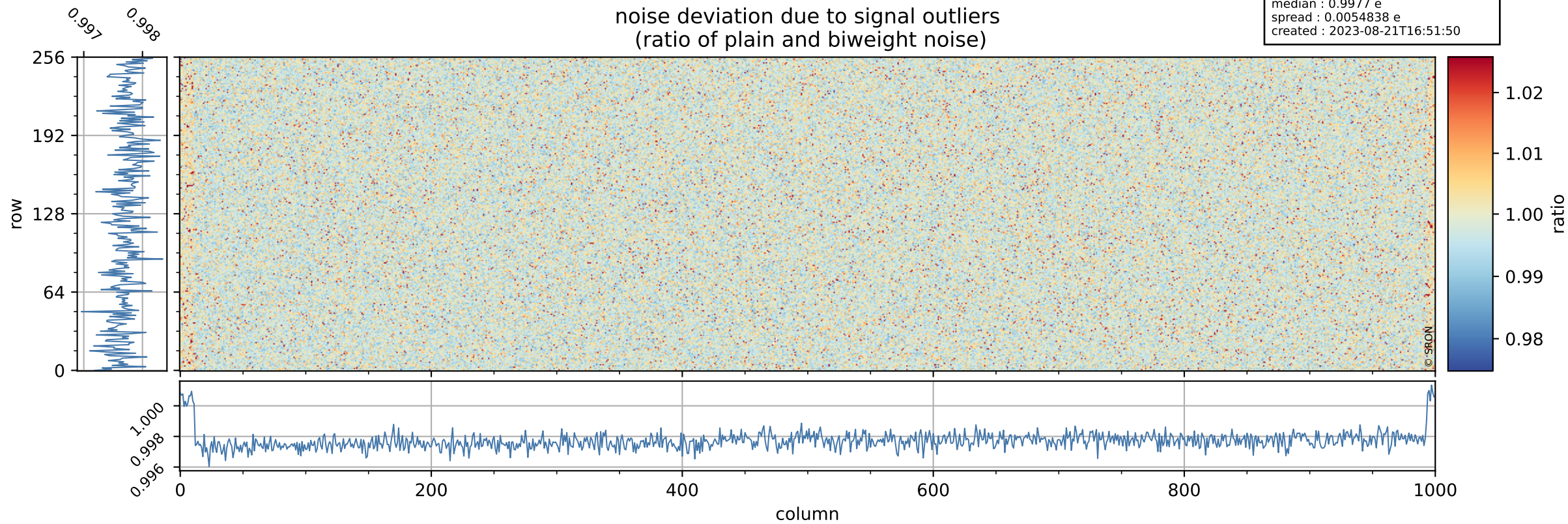
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

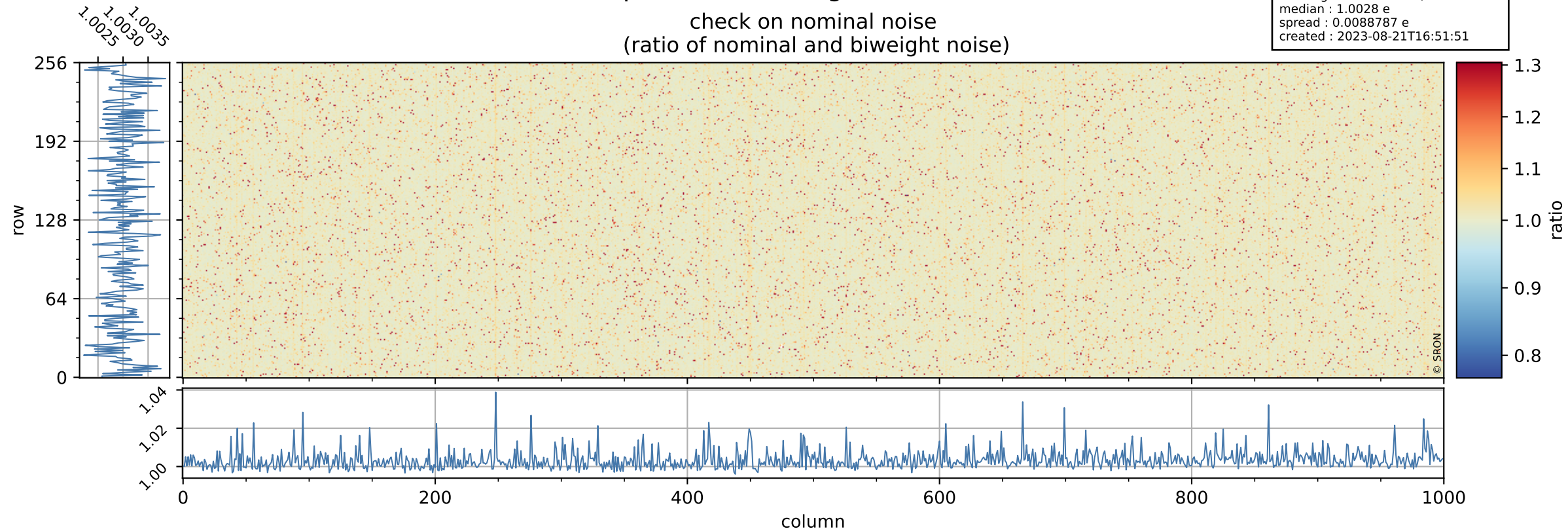
orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
median : 0.9977 e
spread : 0.0054838 e
created : 2023-08-21T16:51:50



Tropomi SWIR background noise (swir)

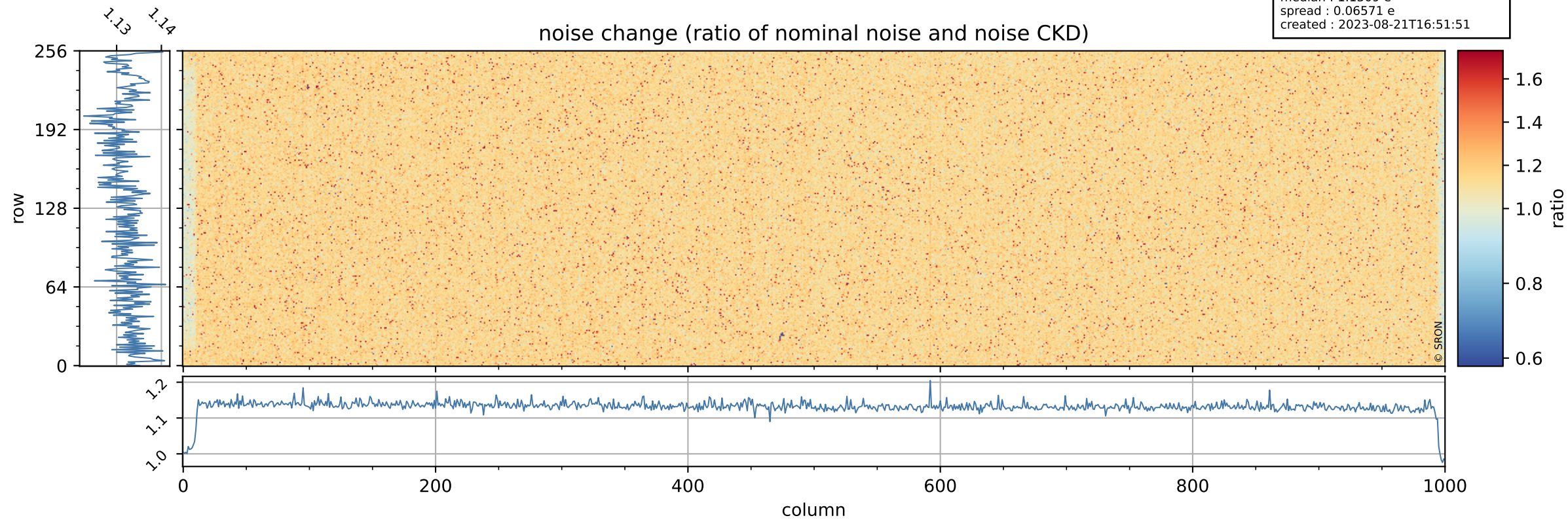
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
median : 1.0028 e
spread : 0.0088787 e
created : 2023-08-21T16:51:51



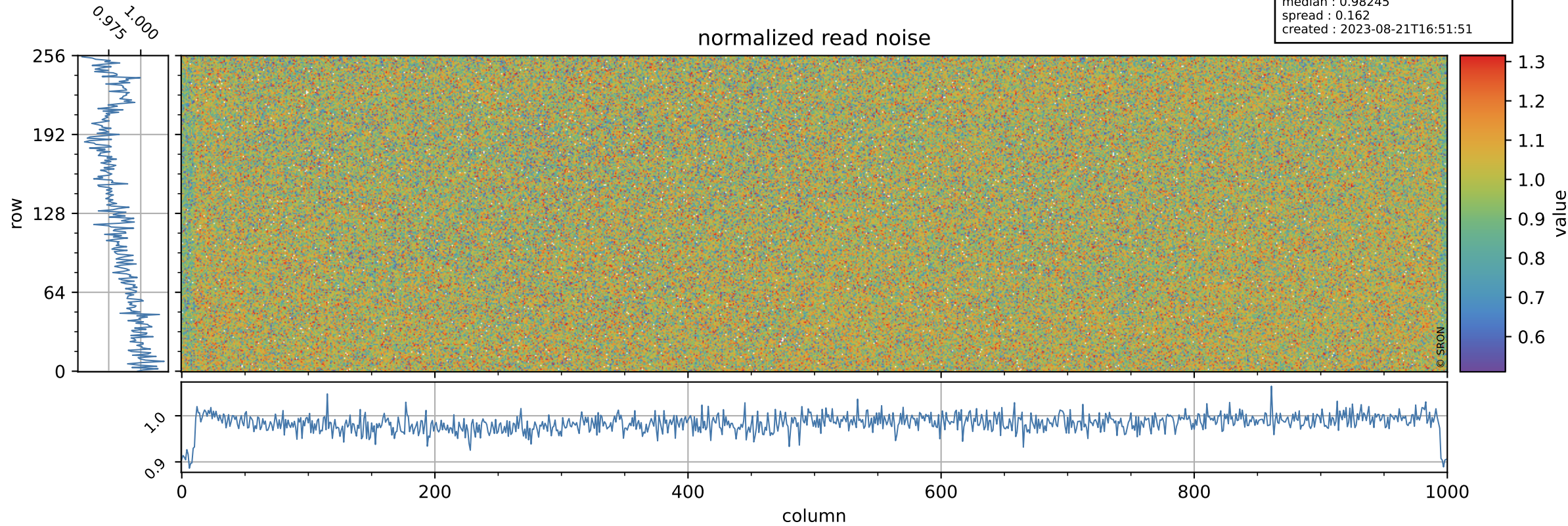
Tropomi SWIR background noise (swir)

orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
median : 1.1309 e
spread : 0.06571 e
created : 2023-08-21T16:51:51



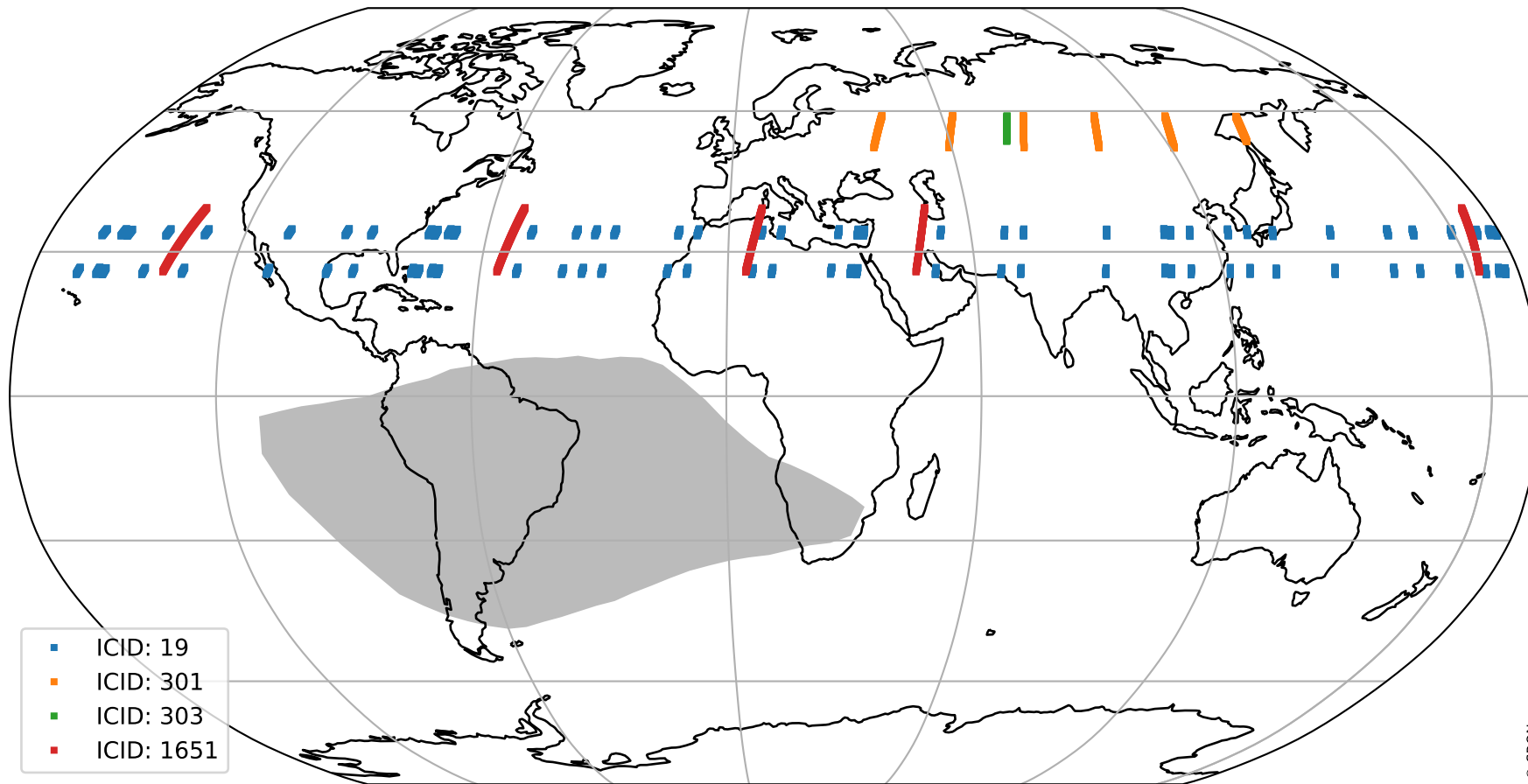
Tropomi SWIR background noise (swir)

orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
median : 0.98245
spread : 0.162
created : 2023-08-21T16:51:51



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

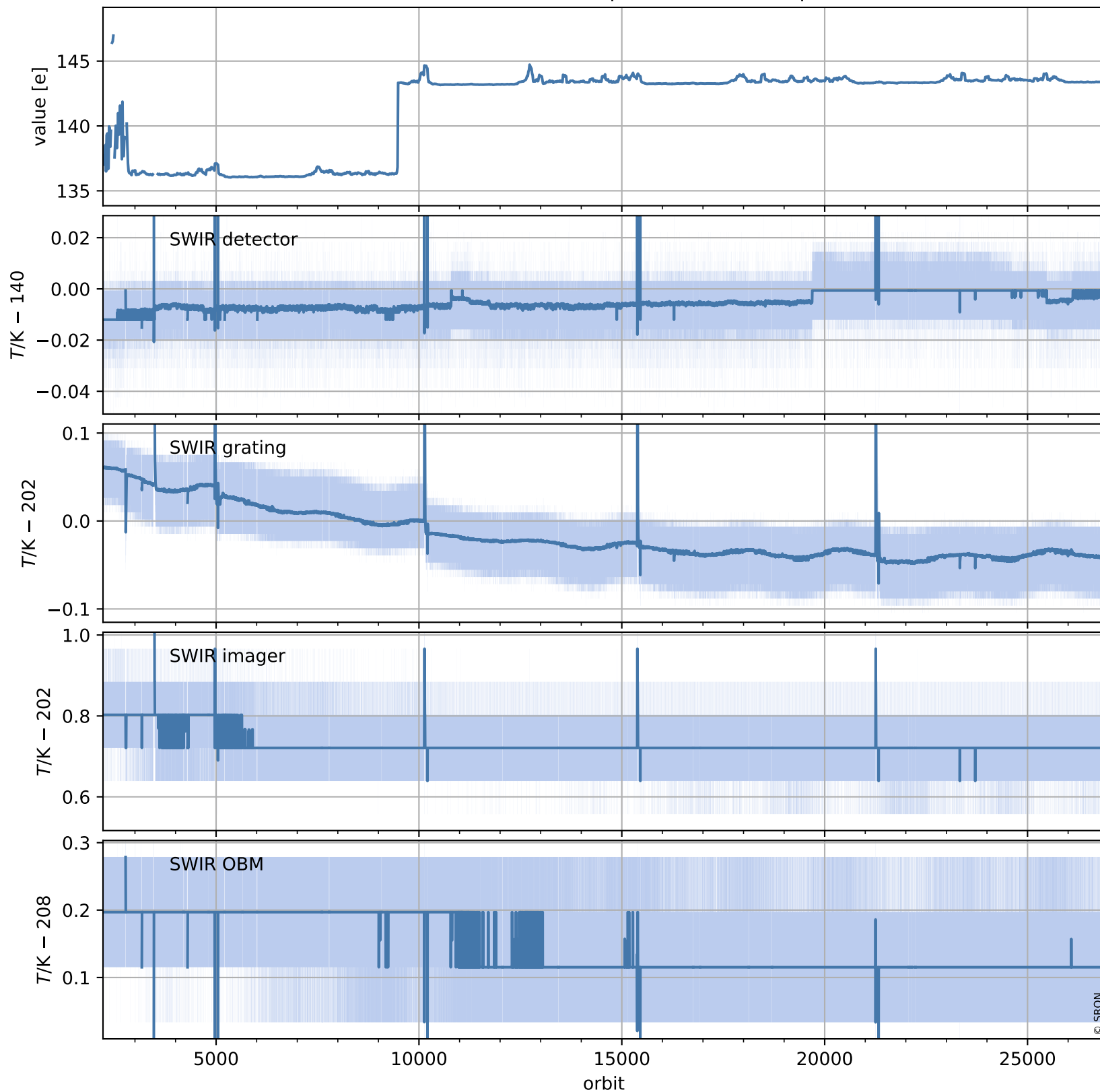
orbits : 12 in [26812, 26902]
coverage : 2022-12-16 / 2022-12-22
created : 2023-08-21T16:51:52



Tropomi SWIR background noise (swir)

orbits : [2212, 26902]
coverage : 2018-03-18 / 2022-12-22
created : 2023-08-21T16:51:52

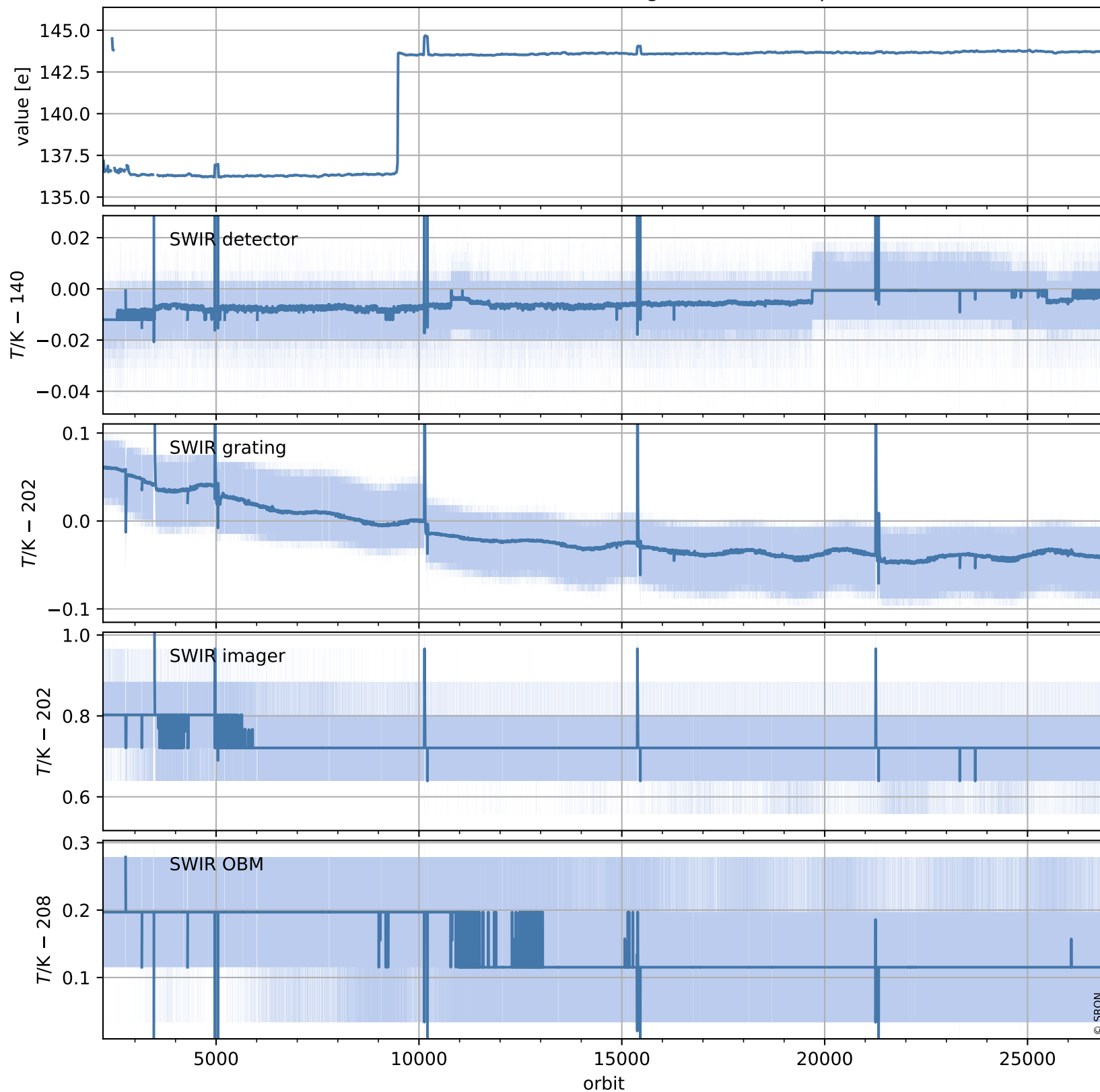
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26902]
coverage : 2018-03-18 / 2022-12-22
created : 2023-08-21T16:51:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26902]
coverage : 2018-03-18 / 2022-12-22
created : 2023-08-21T16:51:54

trend of normalized read-noise & temperatures

