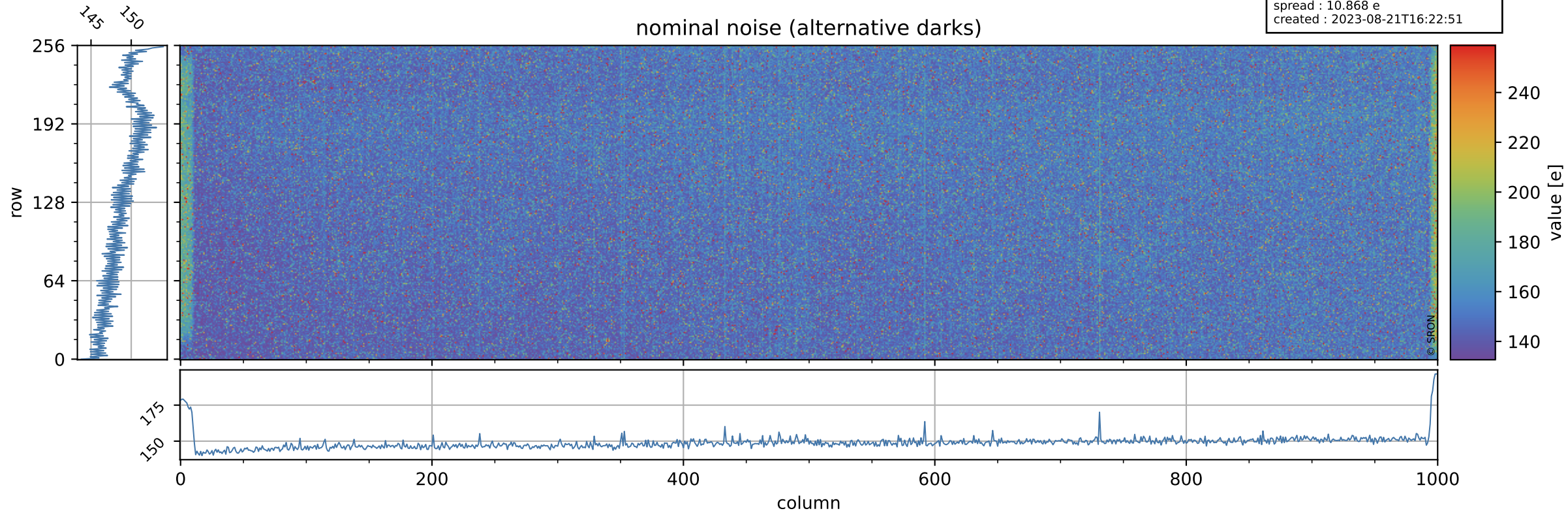


Tropomi SWIR background noise (swir)

orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.868 e
created : 2023-08-21T16:22:51

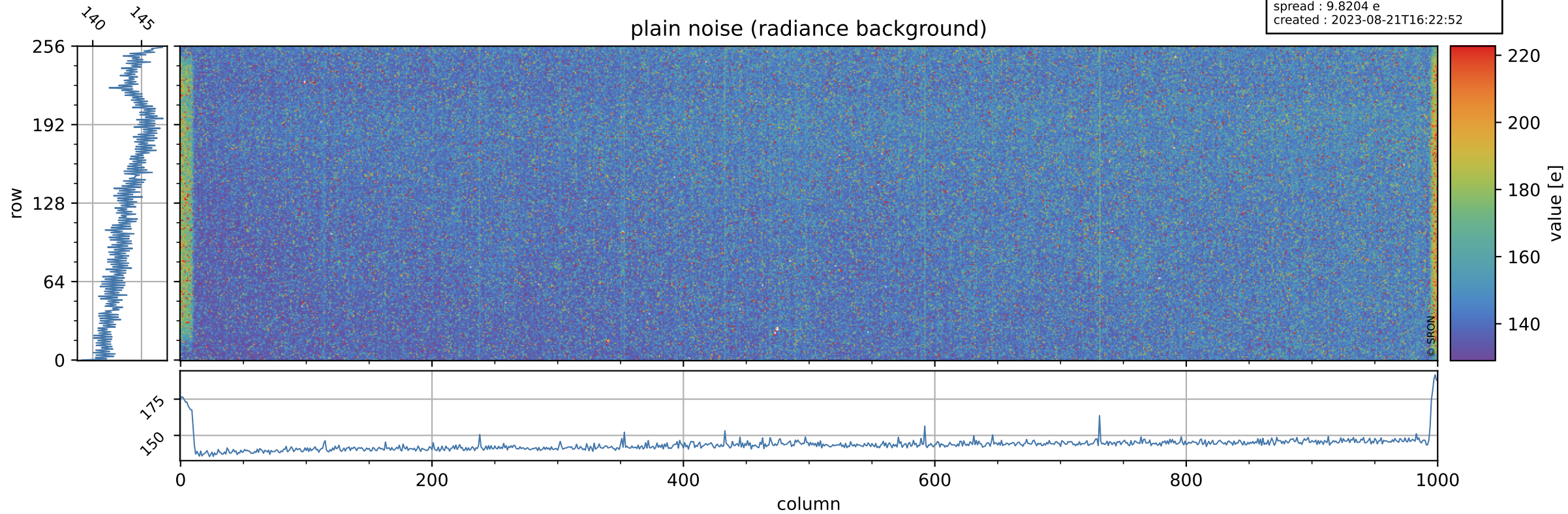
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8204 e
created : 2023-08-21T16:22:52

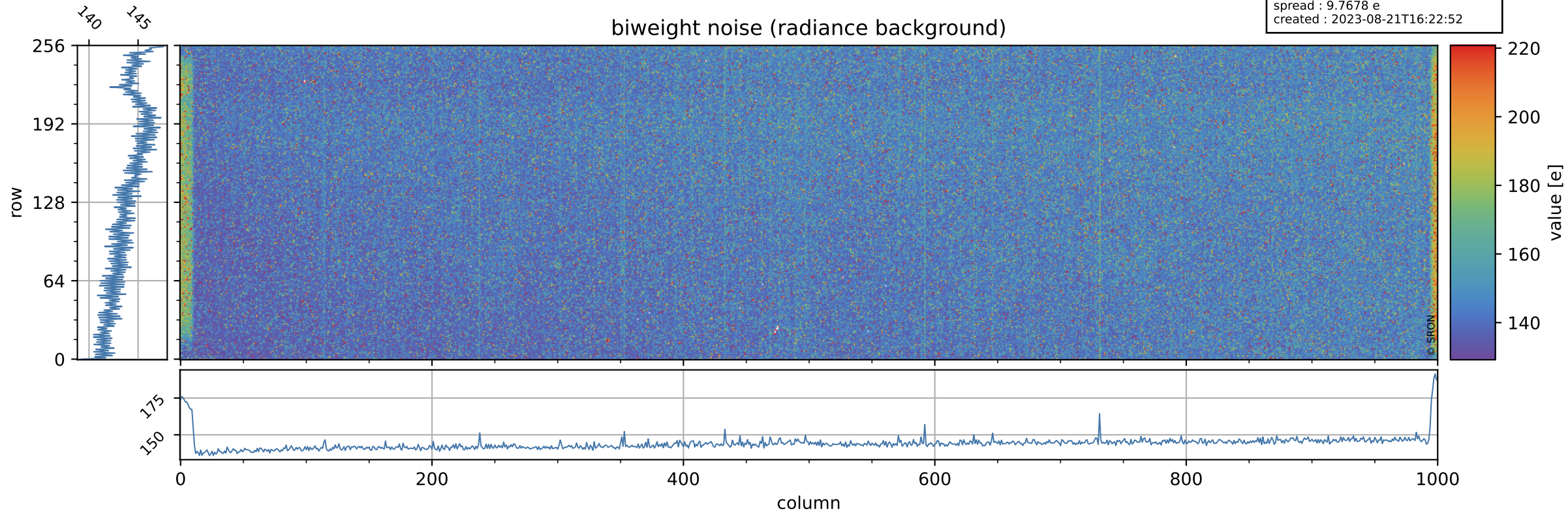
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7678 e
created : 2023-08-21T16:22:52

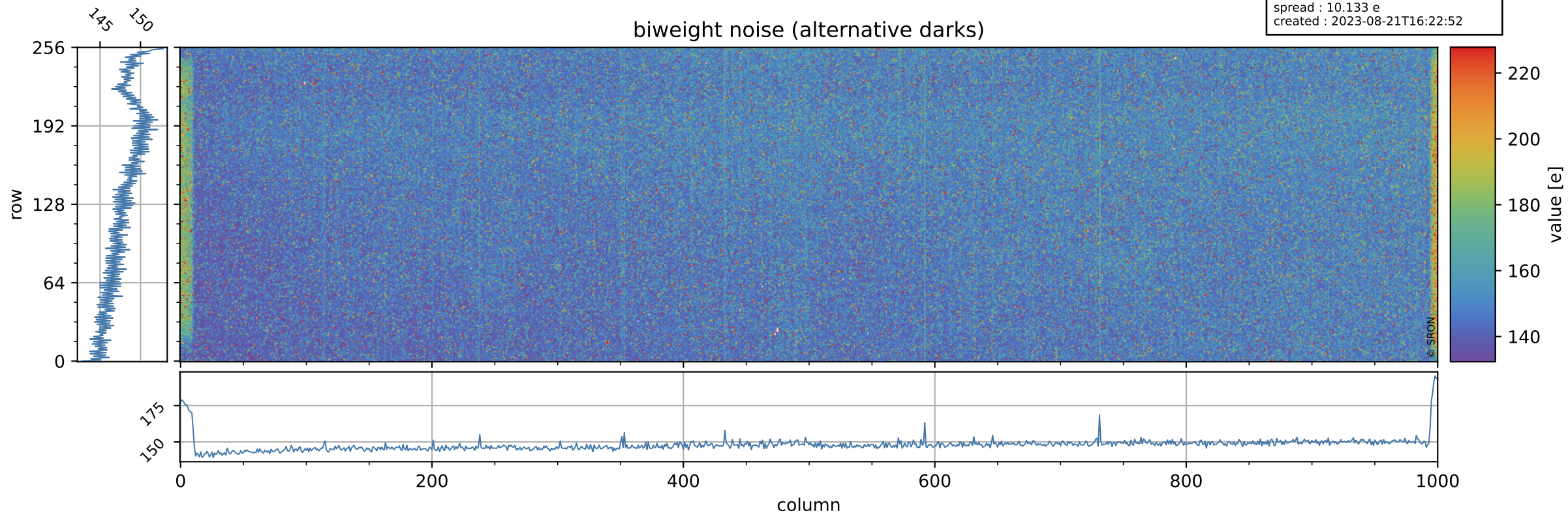
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.133 e
created : 2023-08-21T16:22:52

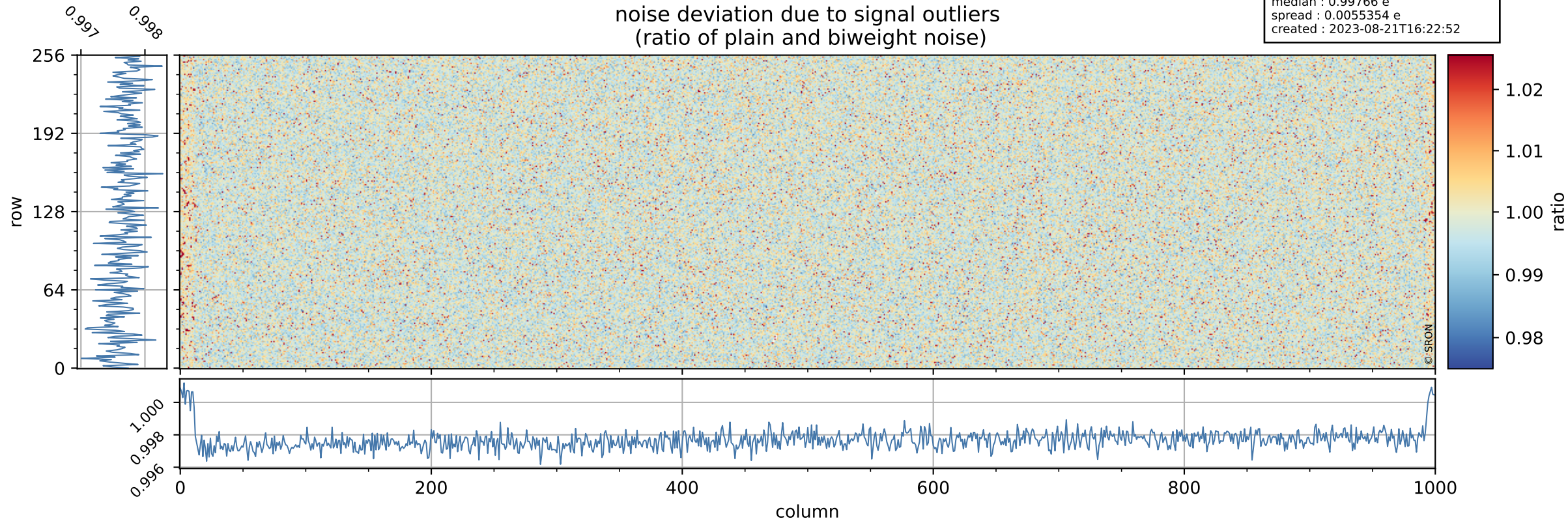
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

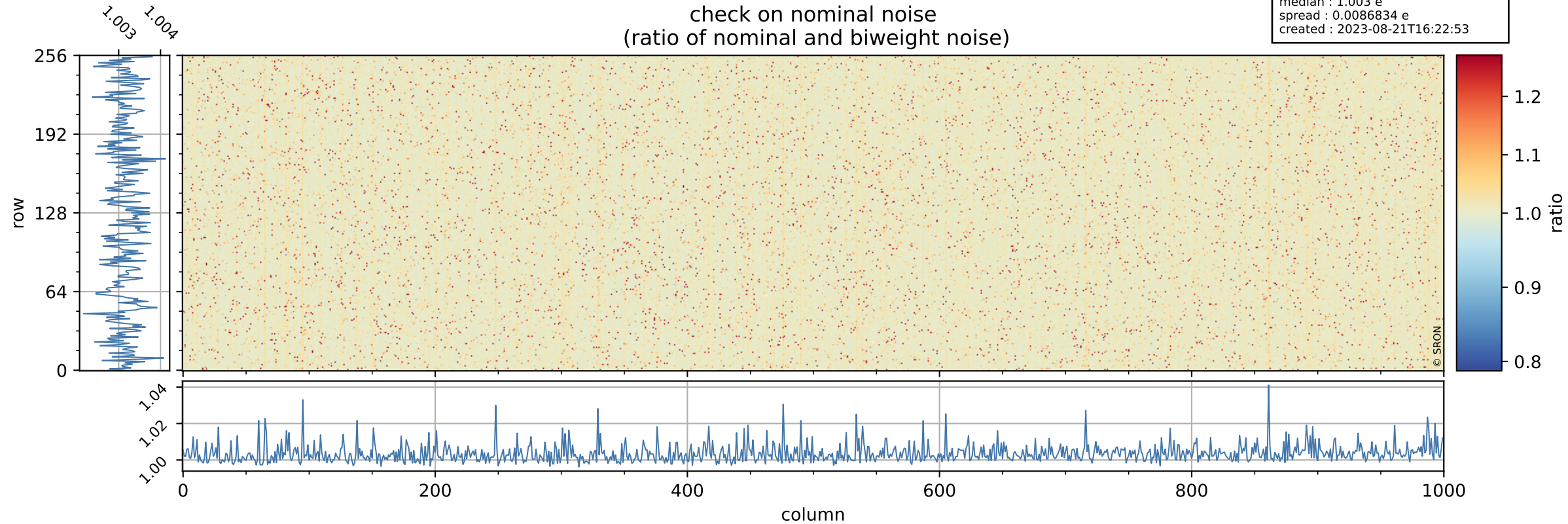
orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
median : 0.99766 e
spread : 0.0055354 e
created : 2023-08-21T16:22:52



Tropomi SWIR background noise (swir)

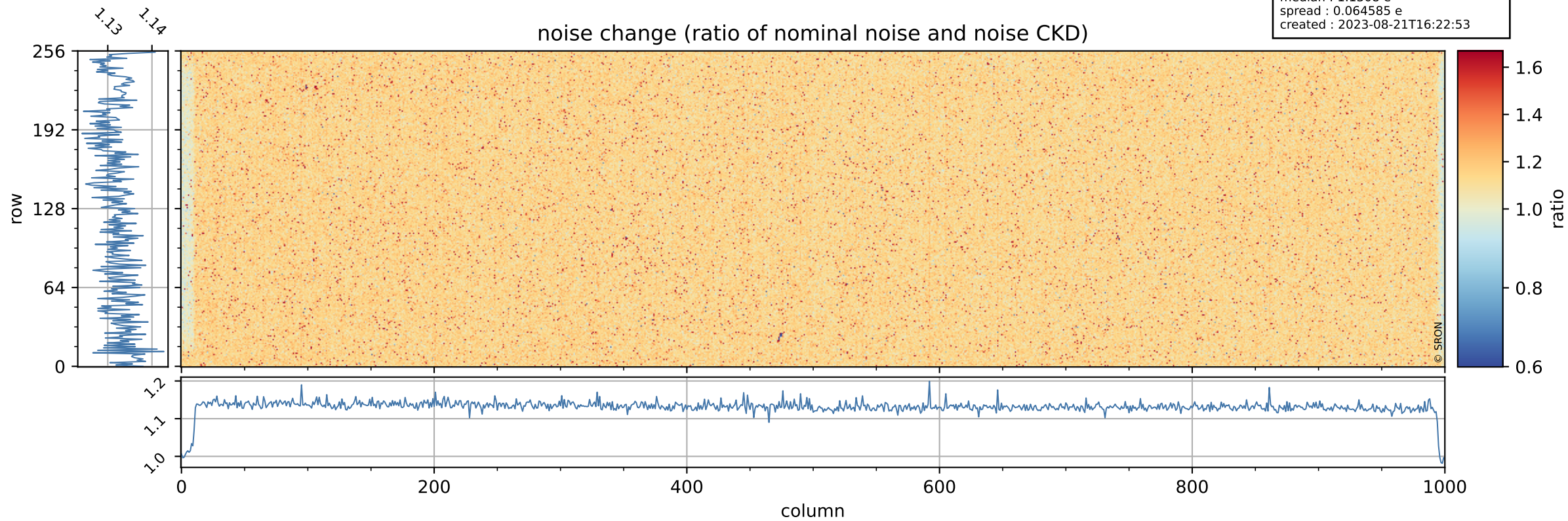
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
median : 1.003 e
spread : 0.0086834 e
created : 2023-08-21T16:22:53



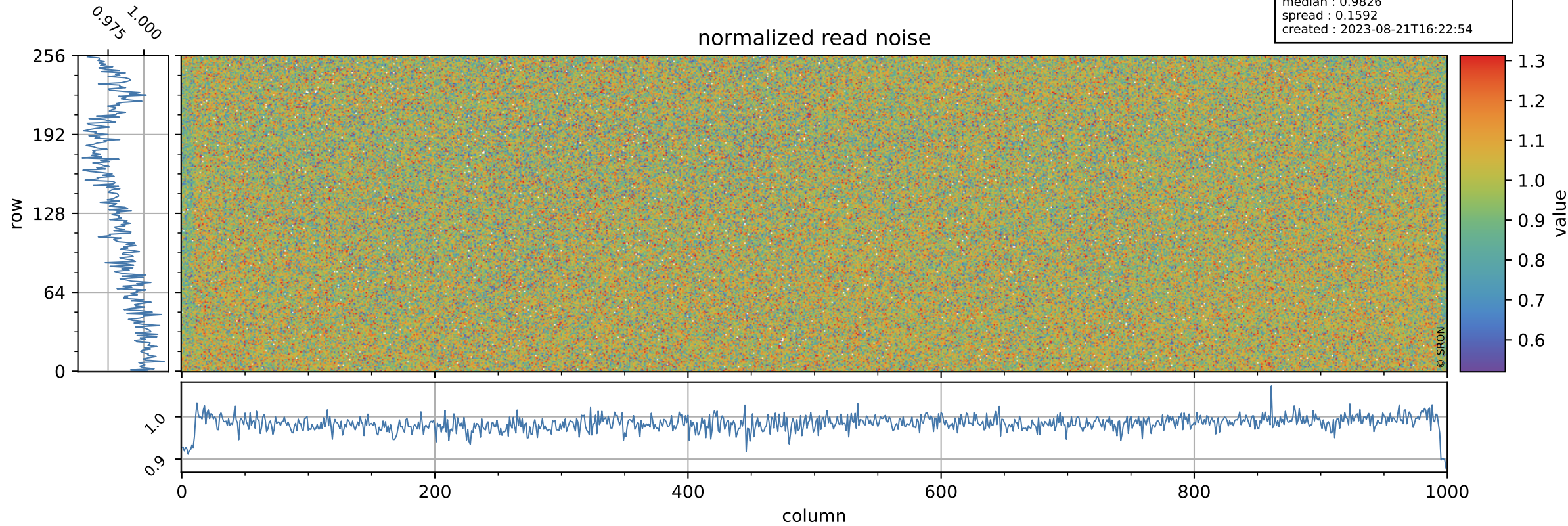
Tropomi SWIR background noise (swir)

orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
median : 1.1308 e
spread : 0.064585 e
created : 2023-08-21T16:22:53



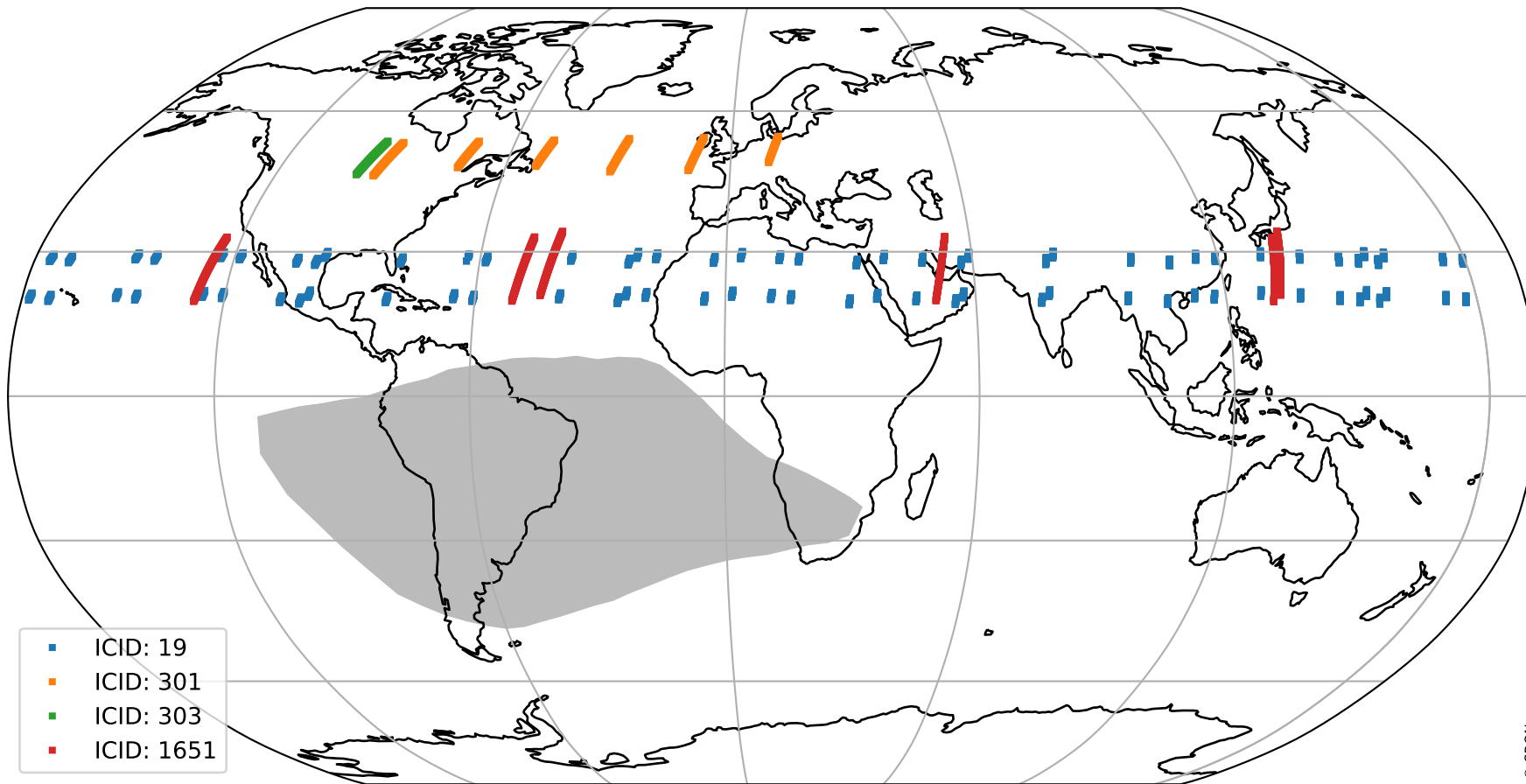
Tropomi SWIR background noise (swir)

orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
median : 0.9826
spread : 0.1592
created : 2023-08-21T16:22:54



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

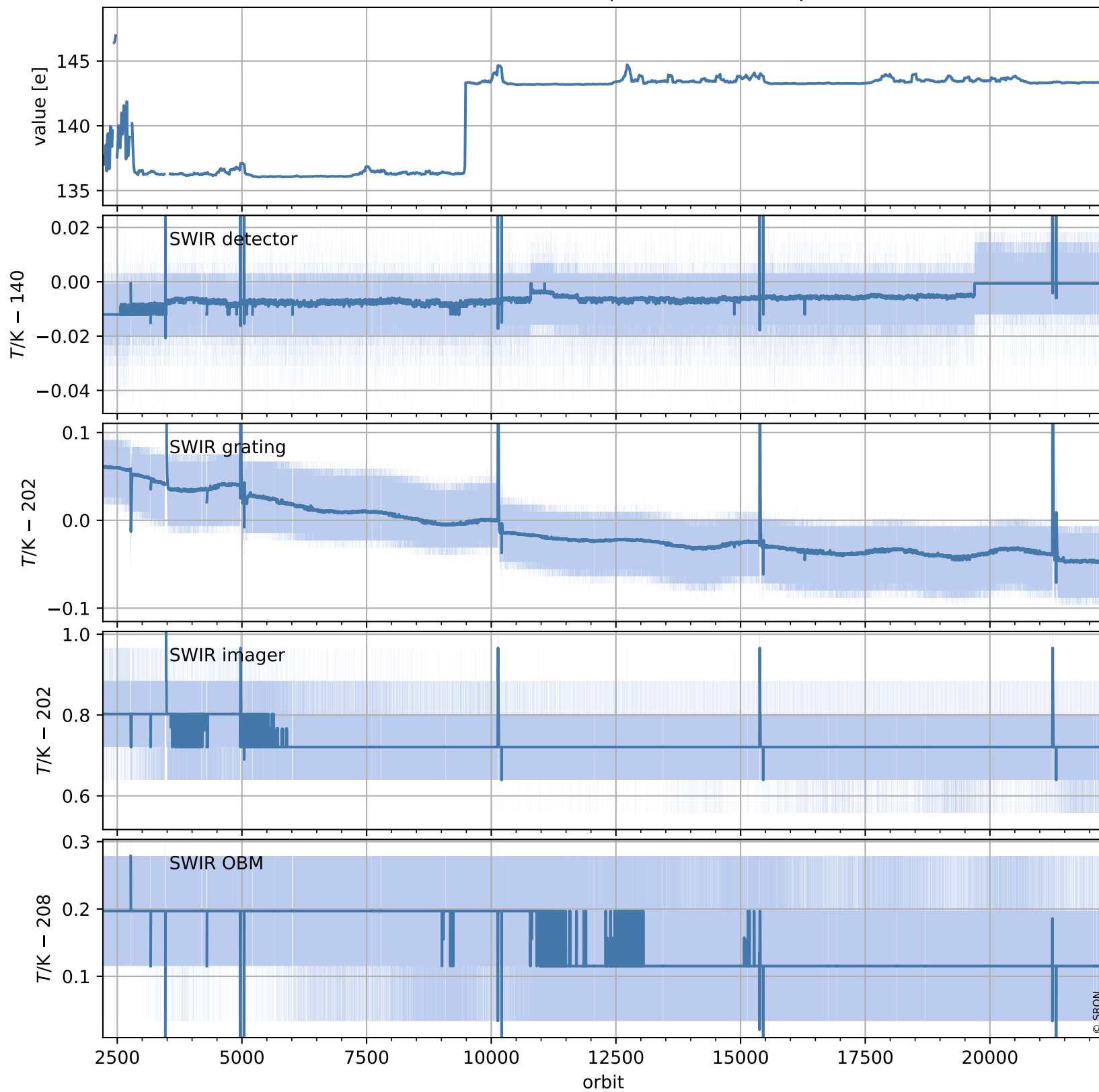
orbits : 13 in [22192, 22282]
coverage : 2022-01-24 / 2022-01-30
created : 2023-08-21T16:22:54



Tropomi SWIR background noise (swir)

orbits : [2212, 22282]
coverage : 2018-03-18 / 2022-01-30
created : 2023-08-21T16:22:54

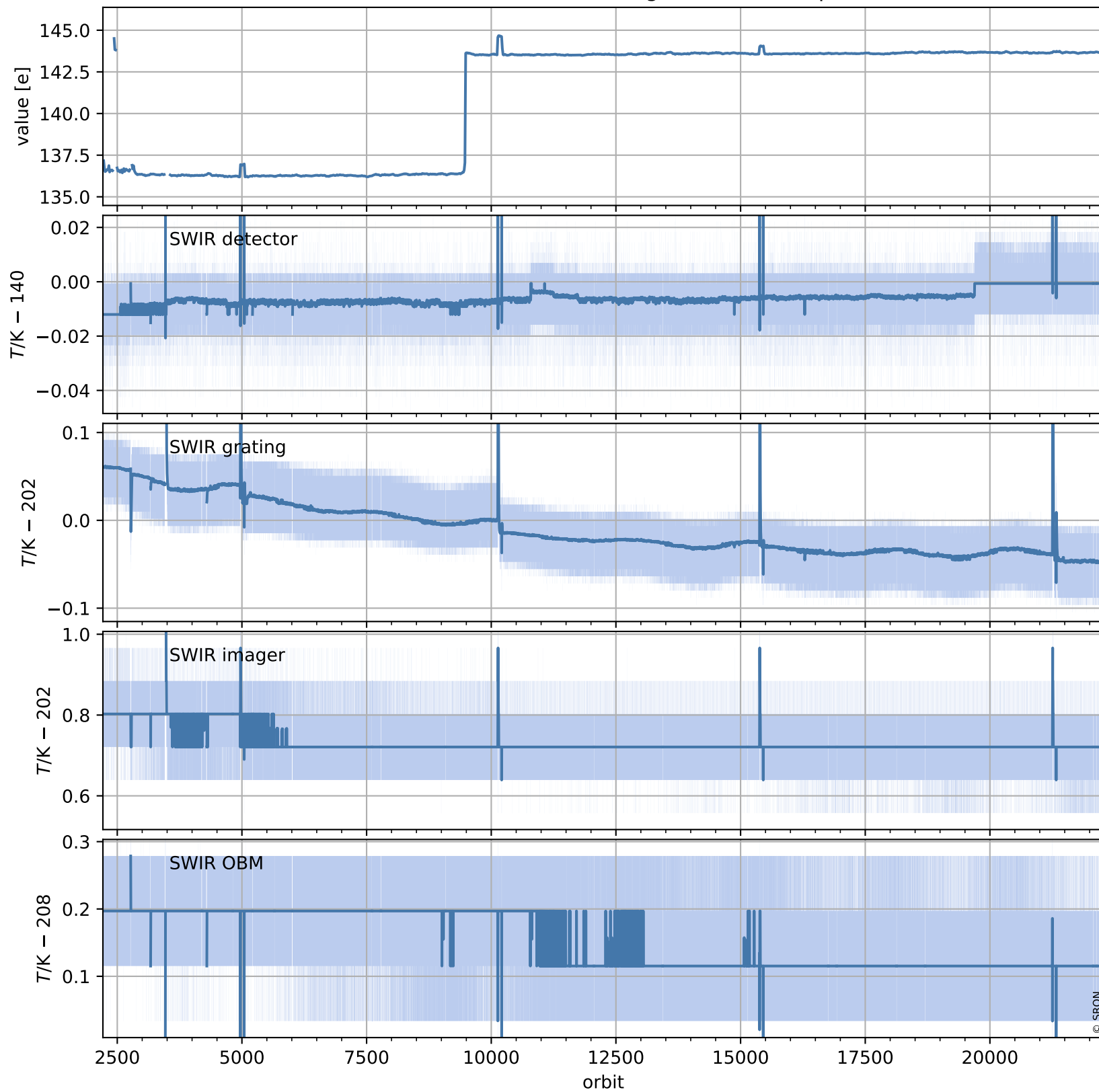
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22282]
coverage : 2018-03-18 / 2022-01-30
created : 2023-08-21T16:22:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22282]
coverage : 2018-03-18 / 2022-01-30
created : 2023-08-21T16:22:56

trend of normalized read-noise & temperatures

