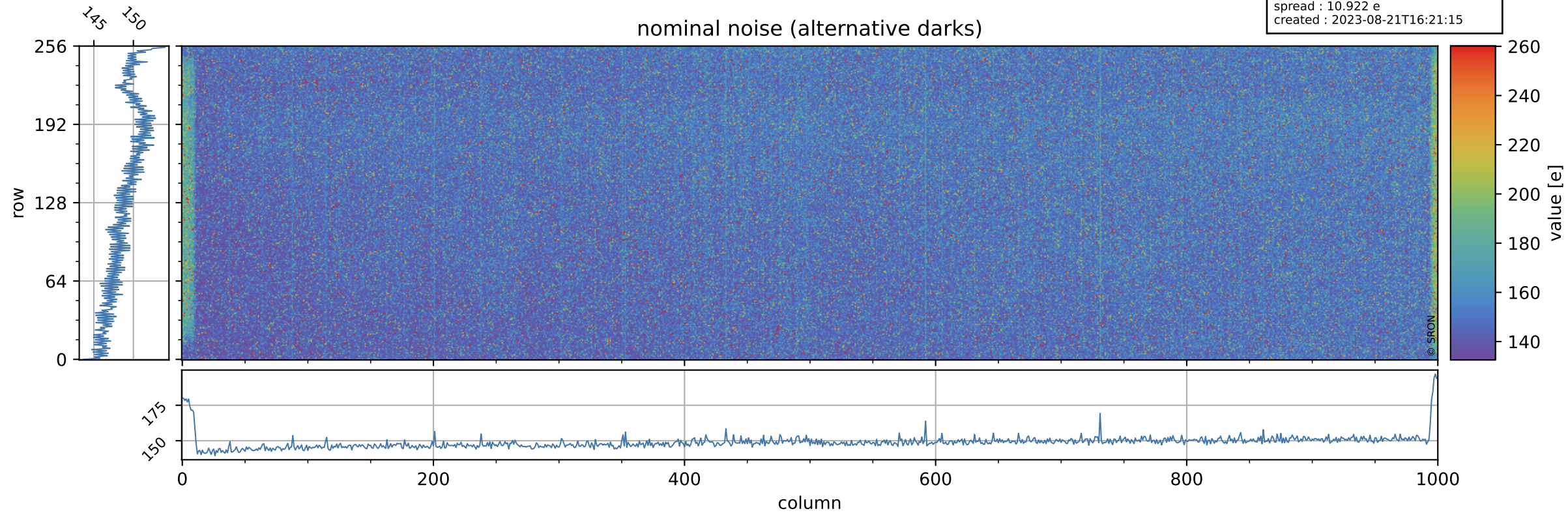


Tropomi SWIR background noise (swir)

orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.922 e
created : 2023-08-21T16:21:15

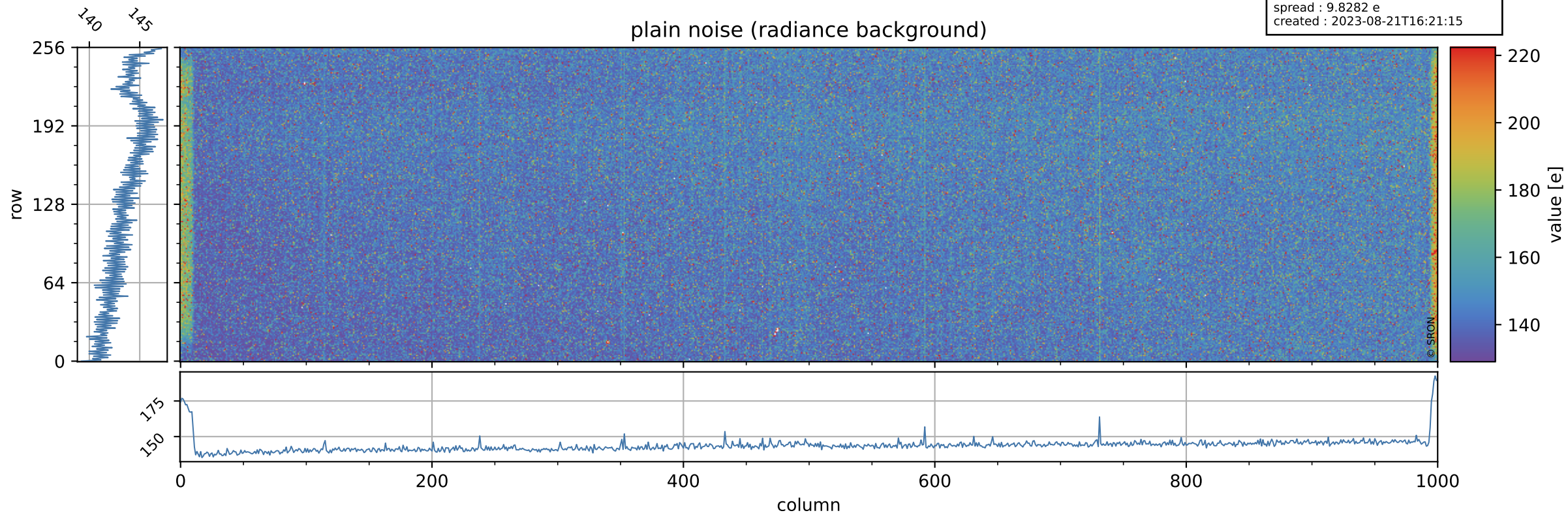
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8282 e
created : 2023-08-21T16:21:15

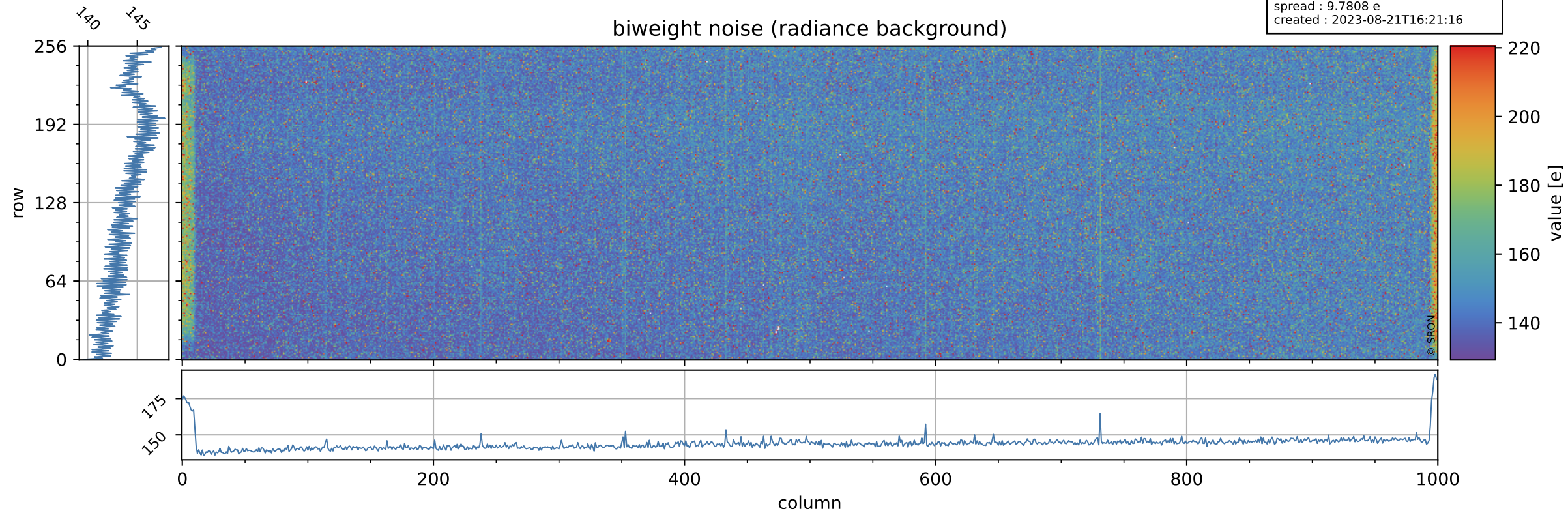
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.7808 e
created : 2023-08-21T16:21:16

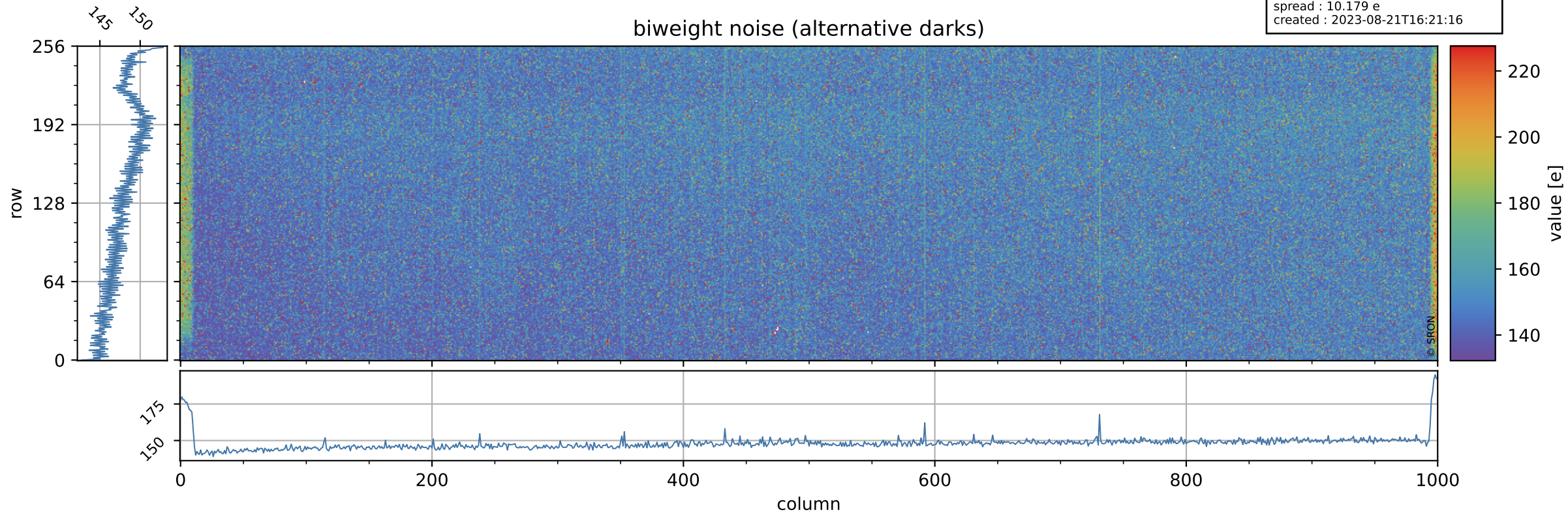
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.179 e
created : 2023-08-21T16:21:16

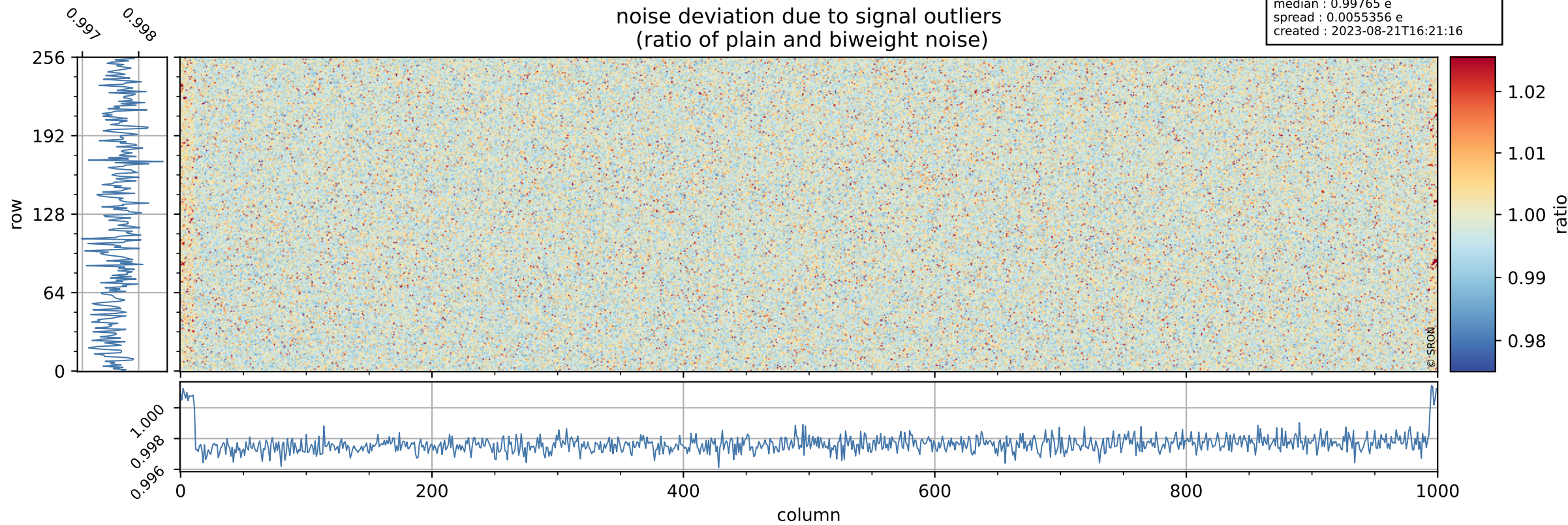
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

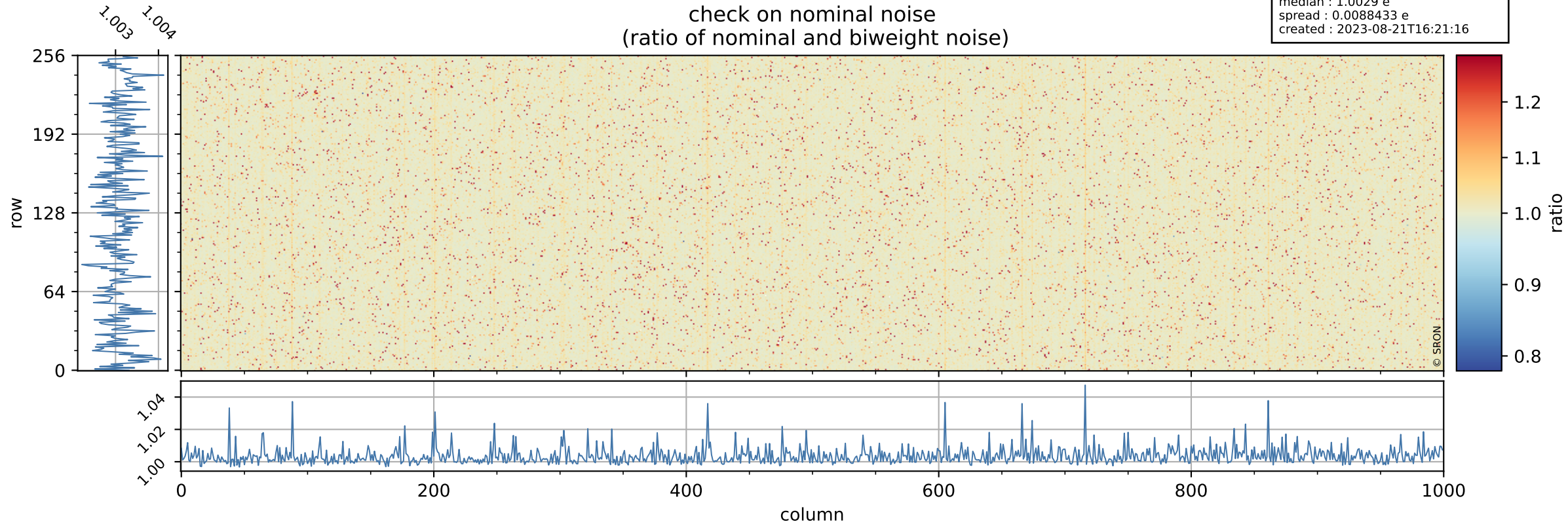
orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
median : 0.99765 e
spread : 0.0055356 e
created : 2023-08-21T16:21:16



Tropomi SWIR background noise (swir)

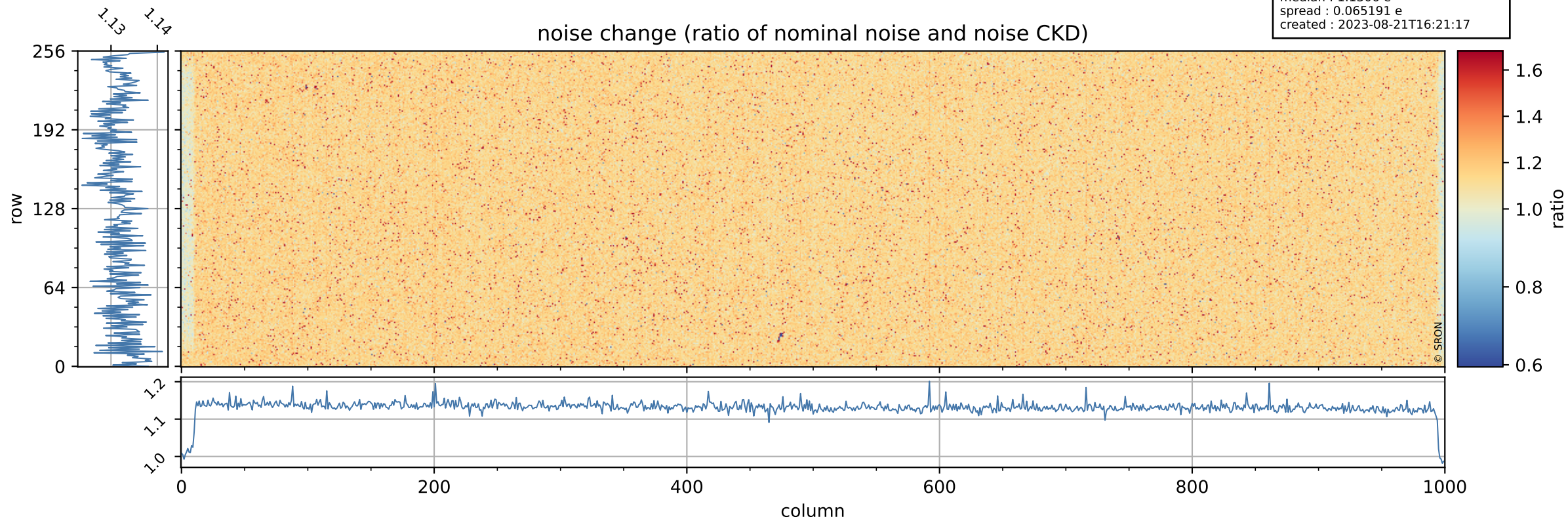
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
median : 1.0029 e
spread : 0.0088433 e
created : 2023-08-21T16:21:16



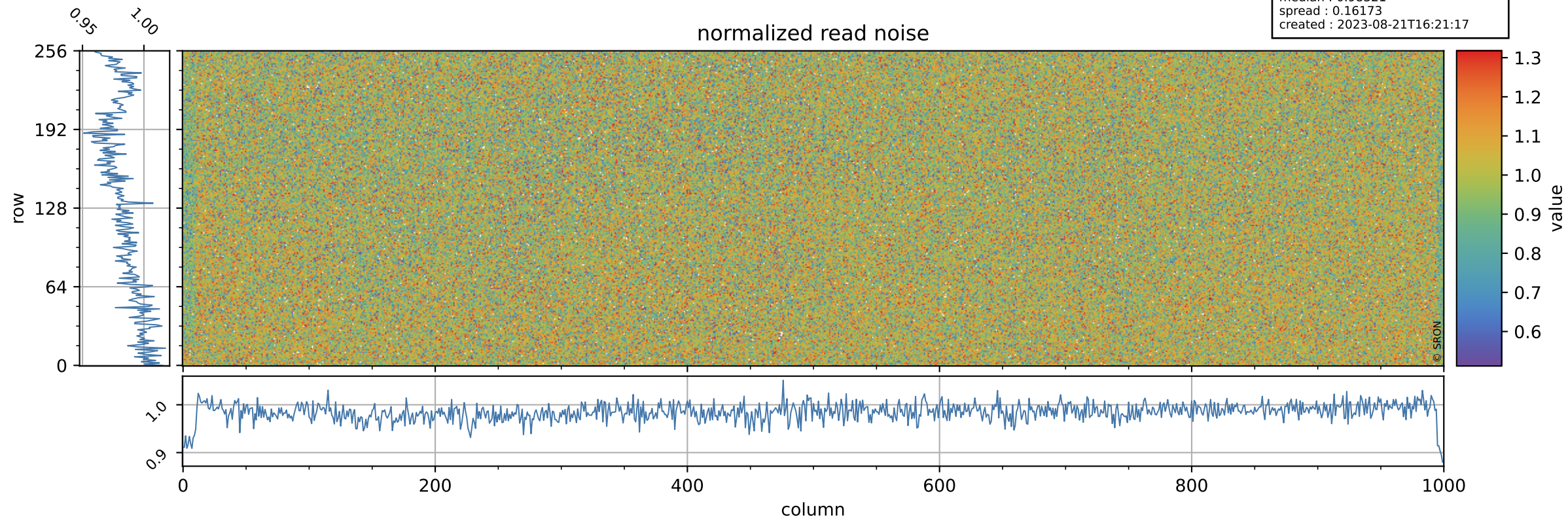
Tropomi SWIR background noise (swir)

orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
median : 1.1306 e
spread : 0.065191 e
created : 2023-08-21T16:21:17



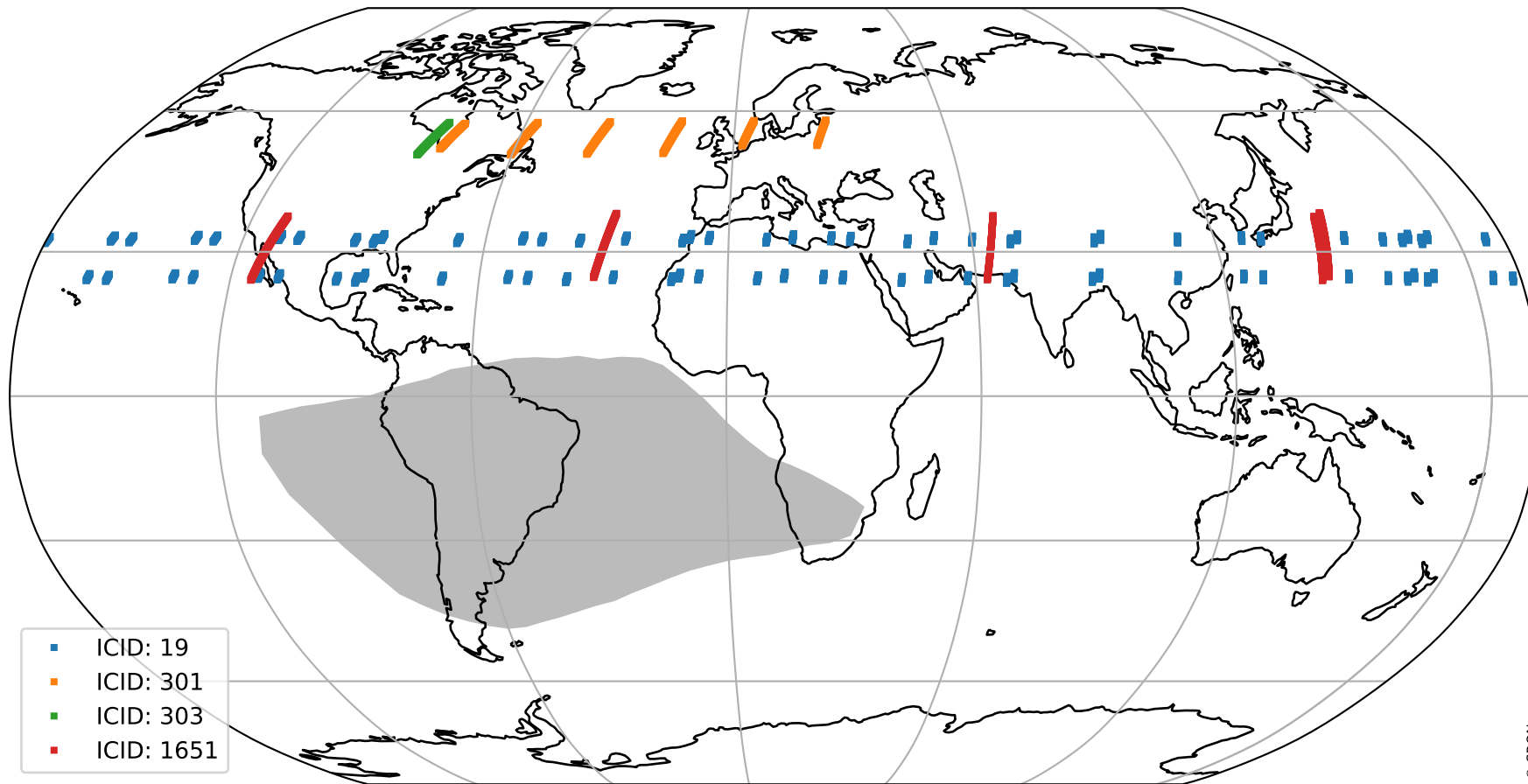
Tropomi SWIR background noise (swir)

orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
median : 0.98321
spread : 0.16173
created : 2023-08-21T16:21:17



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

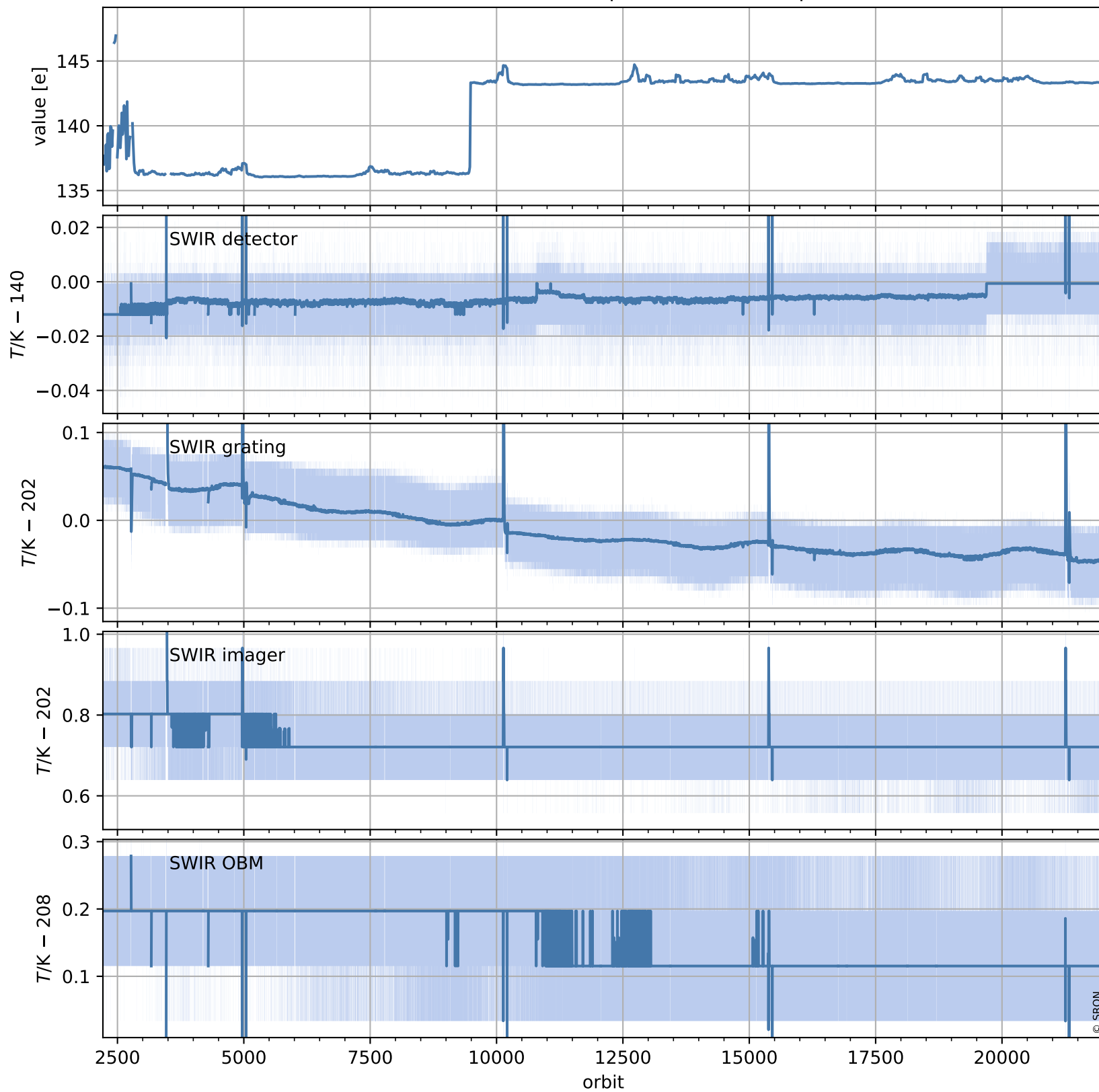
orbits : 12 in [21922, 22012]
coverage : 2022-01-05 / 2022-01-11
created : 2023-08-21T16:21:17



Tropomi SWIR background noise (swir)

orbits : [2212, 22012]
coverage : 2018-03-18 / 2022-01-11
created : 2023-08-21T16:21:18

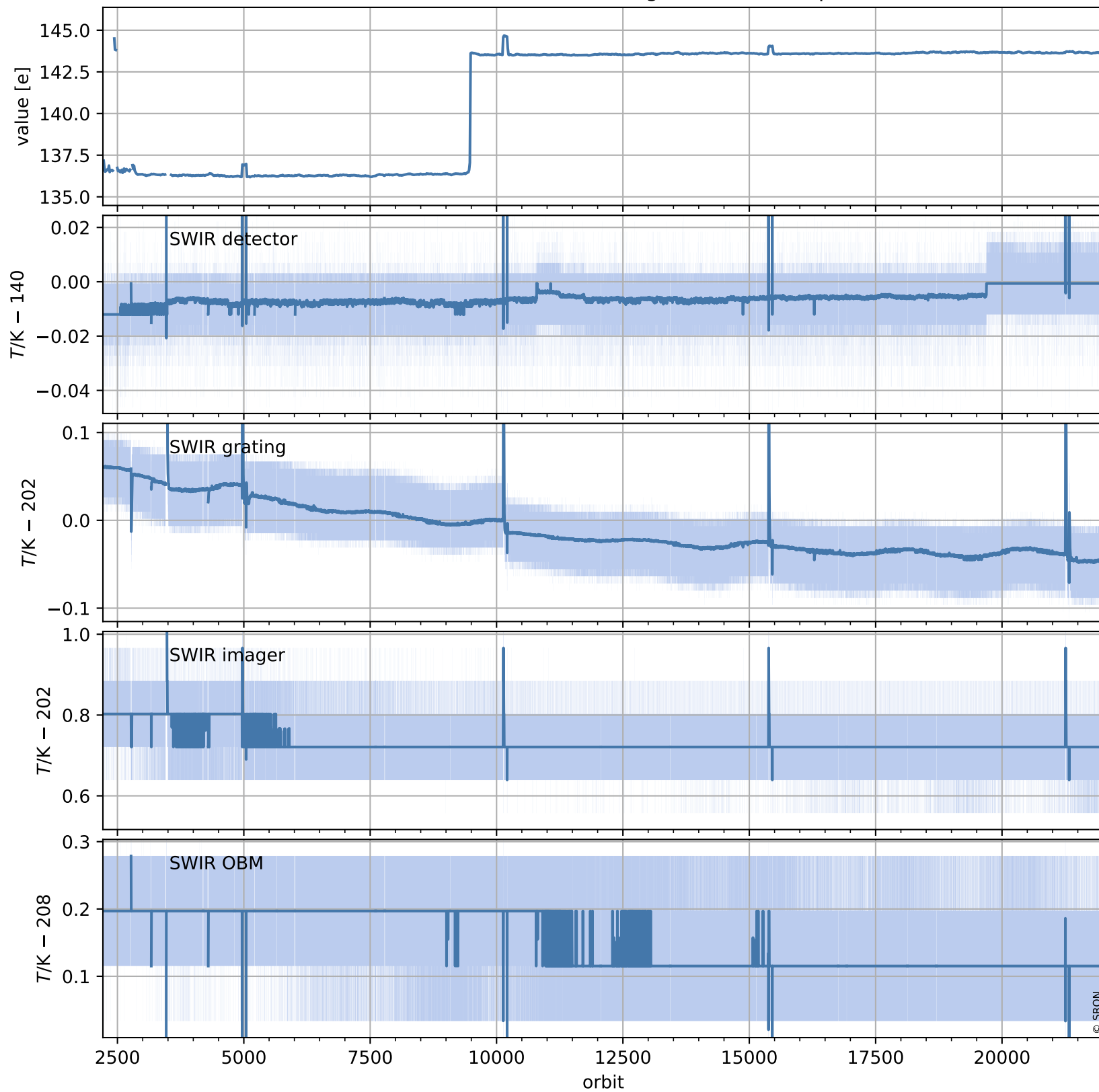
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22012]
coverage : 2018-03-18 / 2022-01-11
created : 2023-08-21T16:21:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22012]
coverage : 2018-03-18 / 2022-01-11
created : 2023-08-21T16:21:19

trend of normalized read-noise & temperatures

