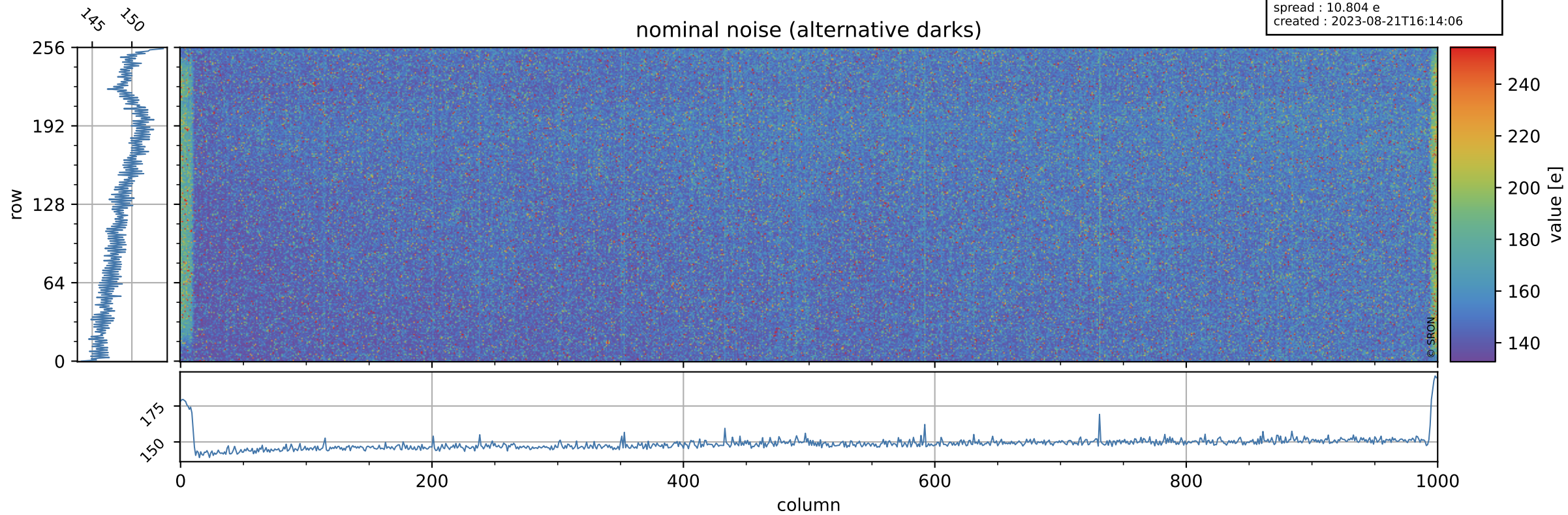


Tropomi SWIR background noise (swir)

orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.804 e
created : 2023-08-21T16:14:06

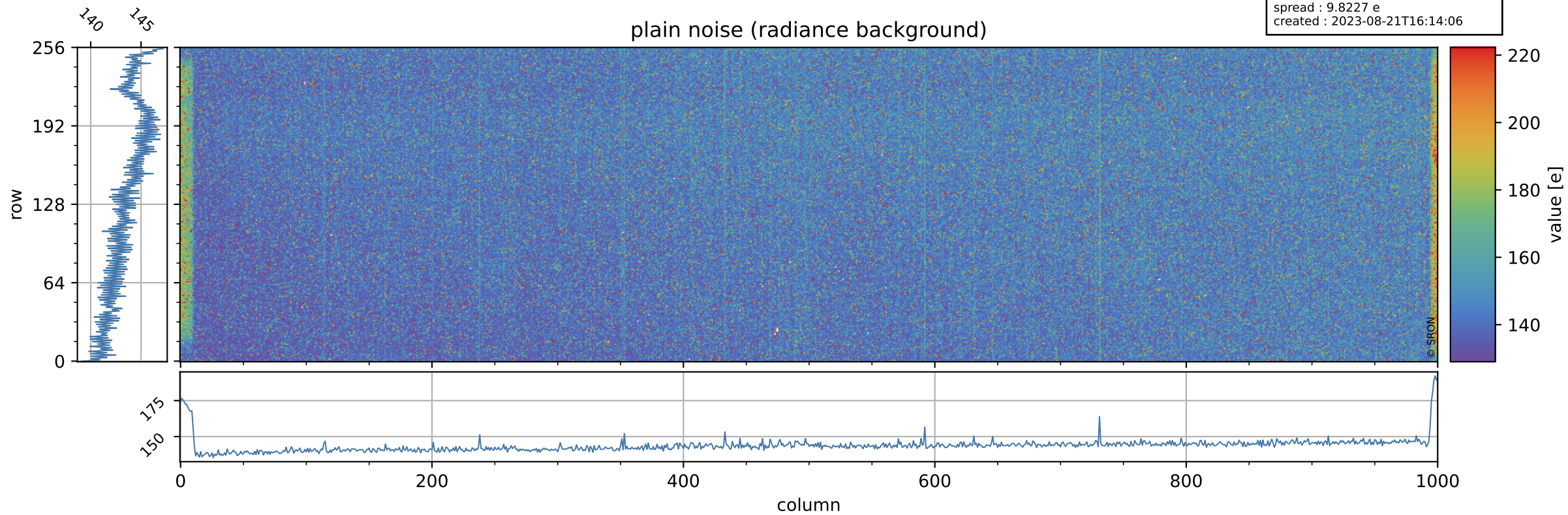
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
n_coad, t_exp : 1, 0.8383
median : 143.47 e
spread : 9.8227 e
created : 2023-08-21T16:14:06

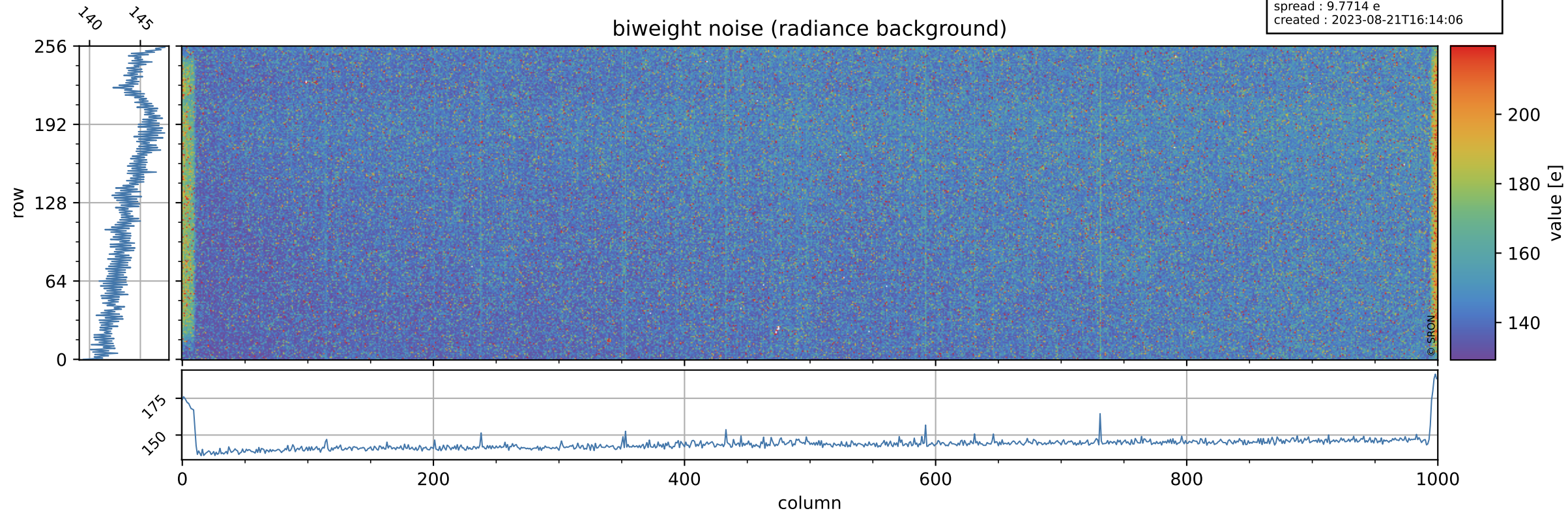
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7714 e
created : 2023-08-21T16:14:06

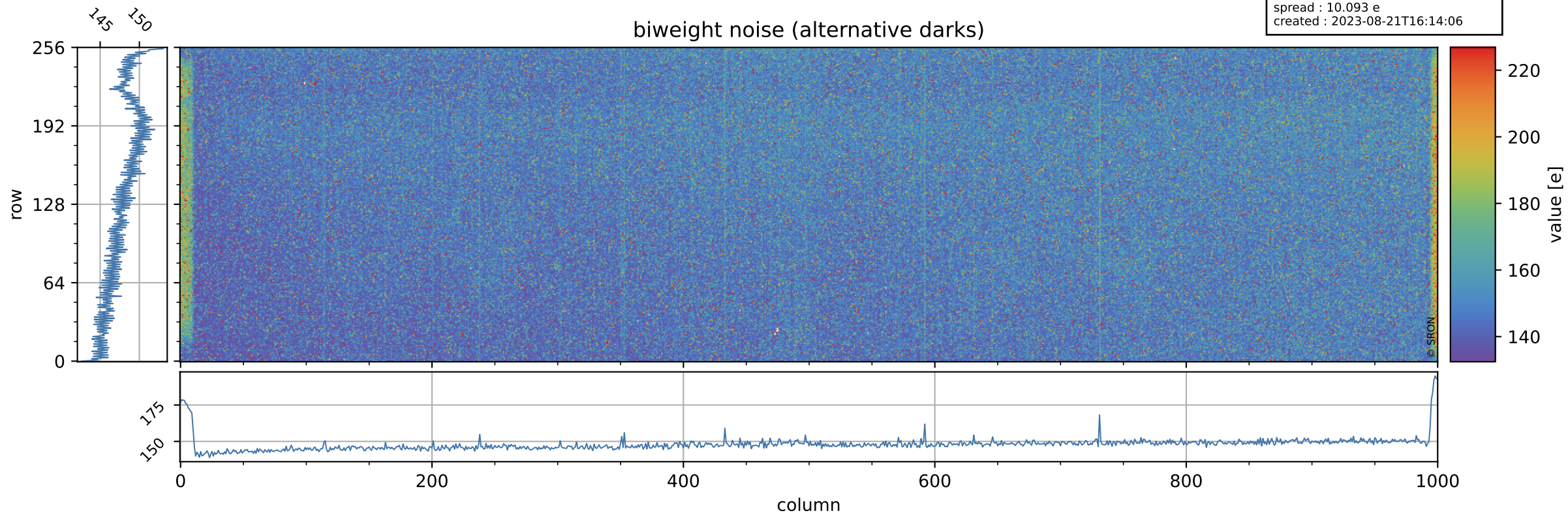
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.093 e
created : 2023-08-21T16:14:06

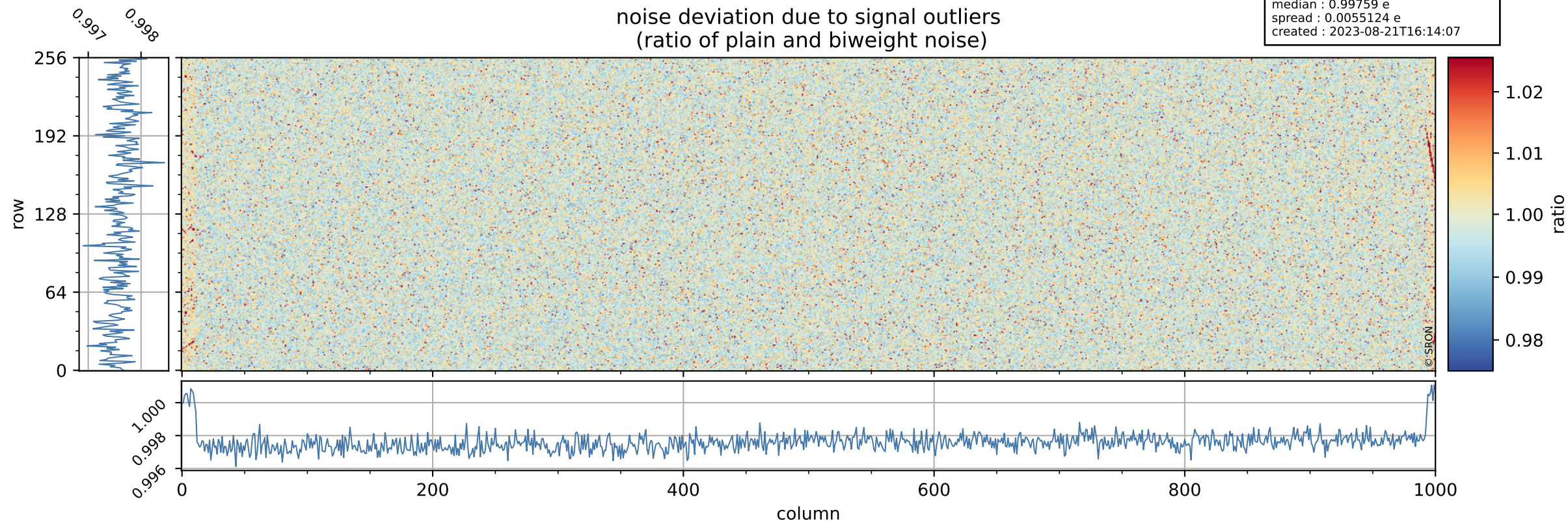
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

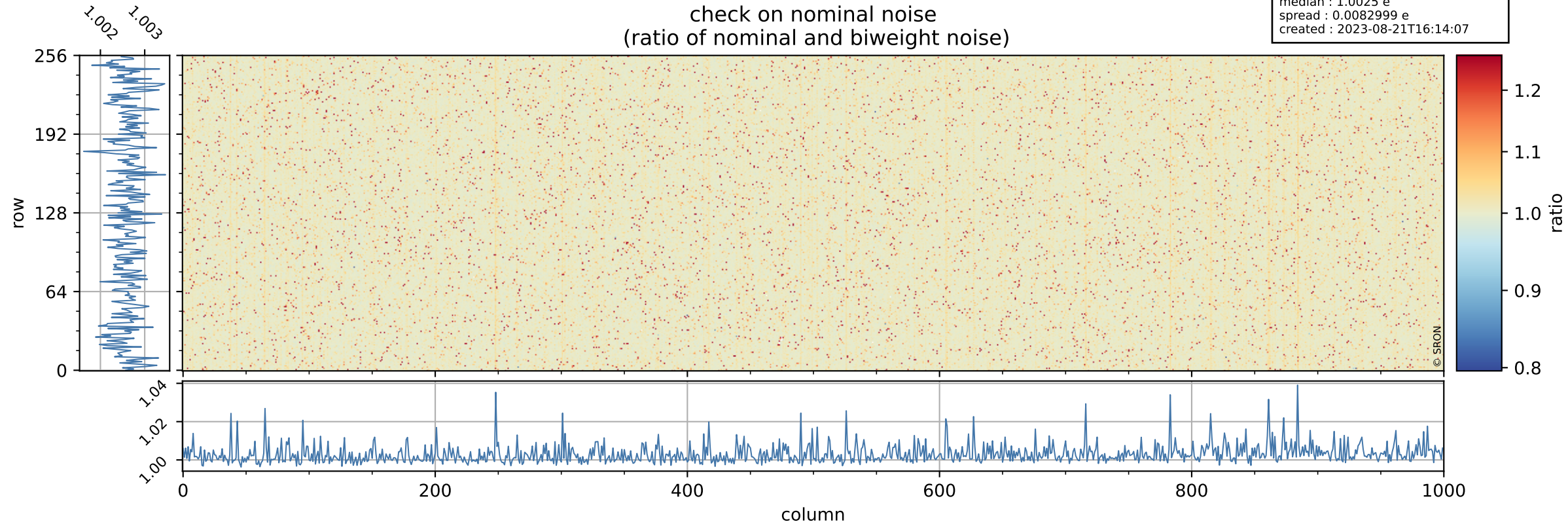
orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
median : 0.99759 e
spread : 0.0055124 e
created : 2023-08-21T16:14:07



Tropomi SWIR background noise (swir)

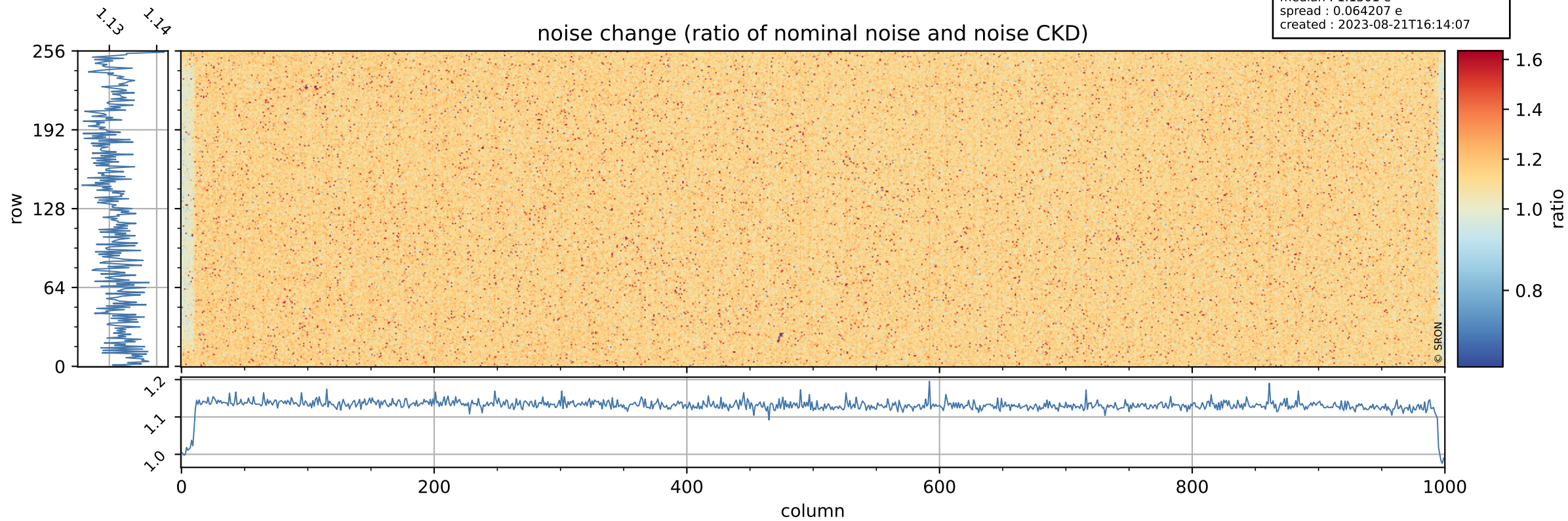
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
median : 1.0025 e
spread : 0.0082999 e
created : 2023-08-21T16:14:07



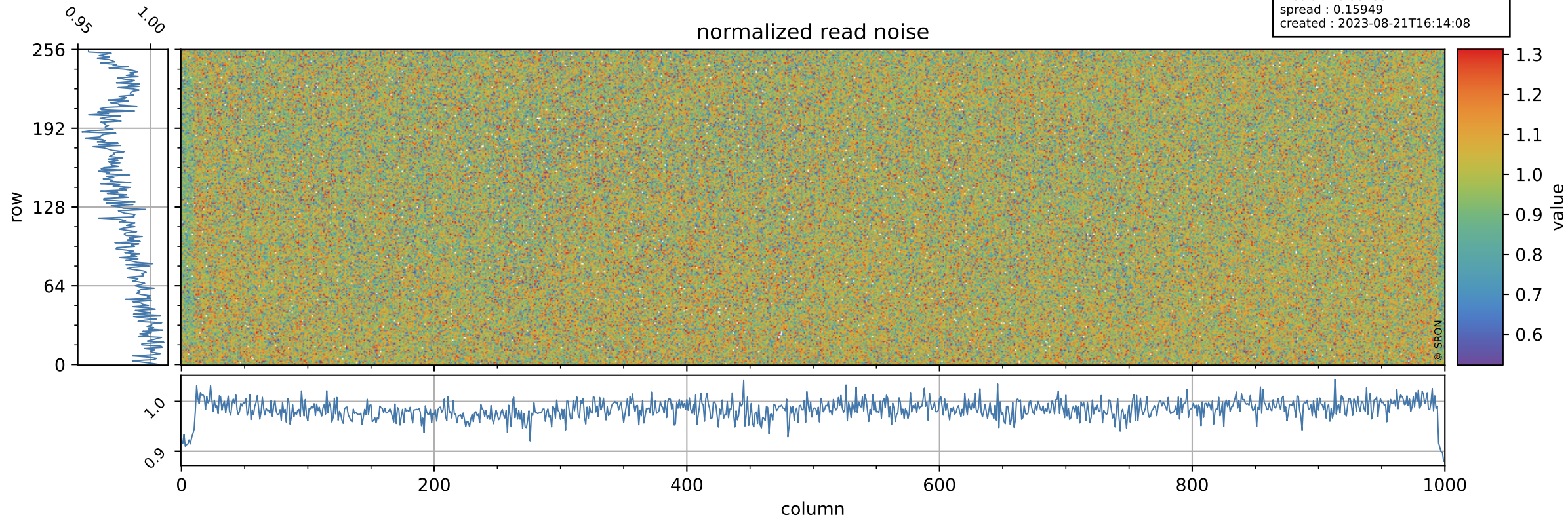
Tropomi SWIR background noise (swir)

orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
median : 1.1301 e
spread : 0.064207 e
created : 2023-08-21T16:14:07



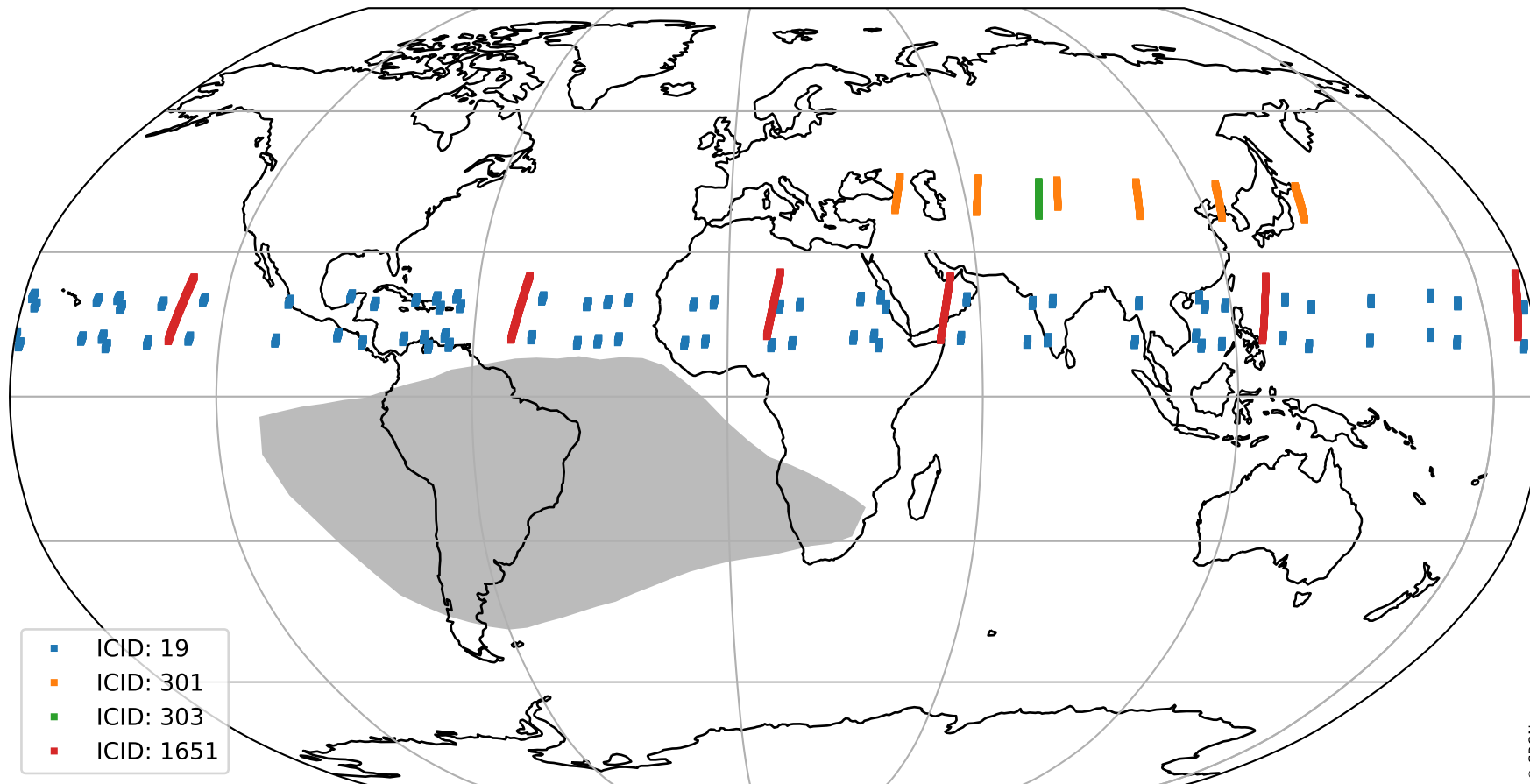
Tropomi SWIR background noise (swir)

orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
median : 0.98239
spread : 0.15949
created : 2023-08-21T16:14:08



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

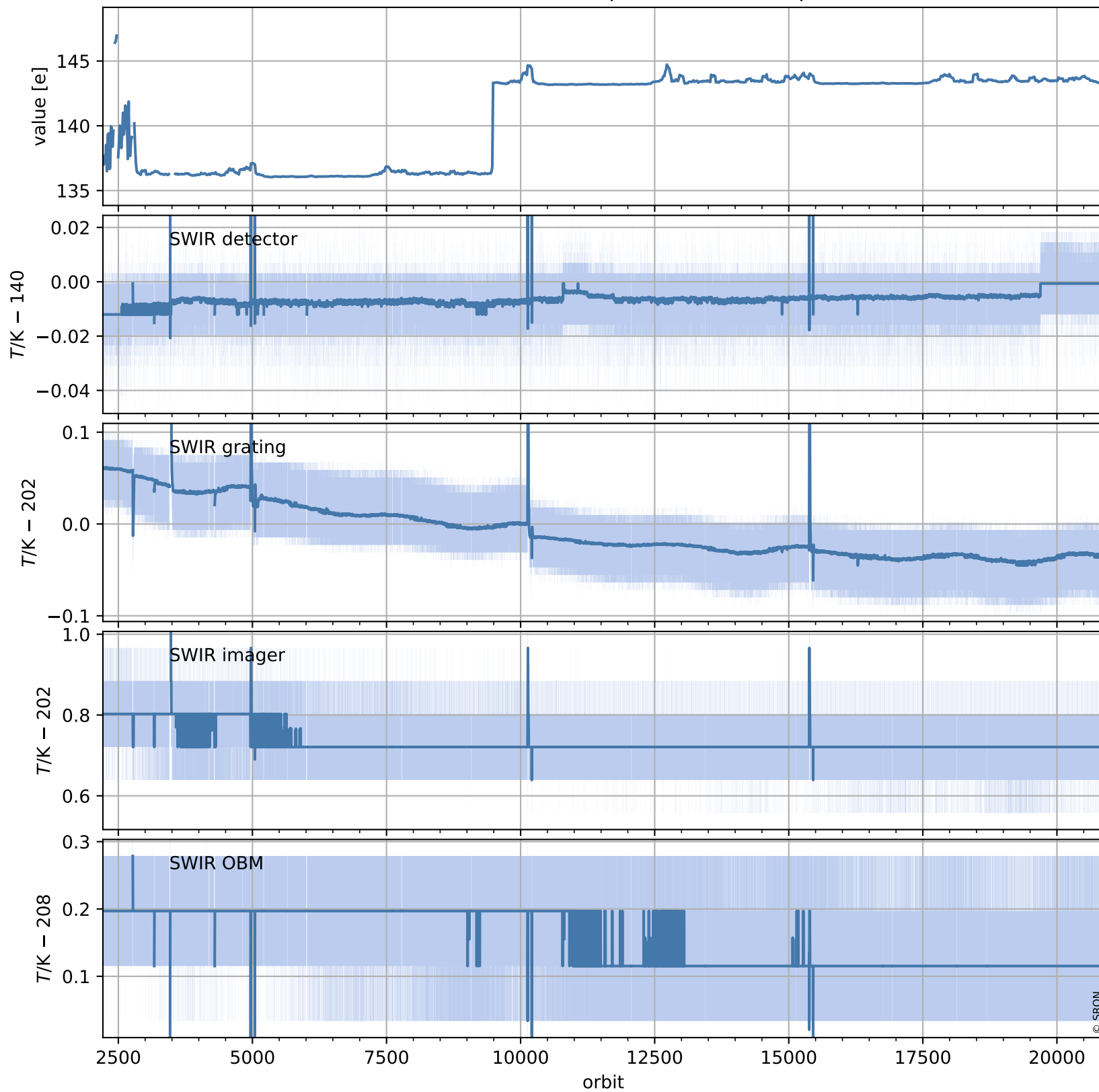
orbits : 13 in [20782, 20872]
coverage : 2021-10-17 / 2021-10-23
created : 2023-08-21T16:14:08



Tropomi SWIR background noise (swir)

orbits : [2212, 20872]
coverage : 2018-03-18 / 2021-10-23
created : 2023-08-21T16:14:08

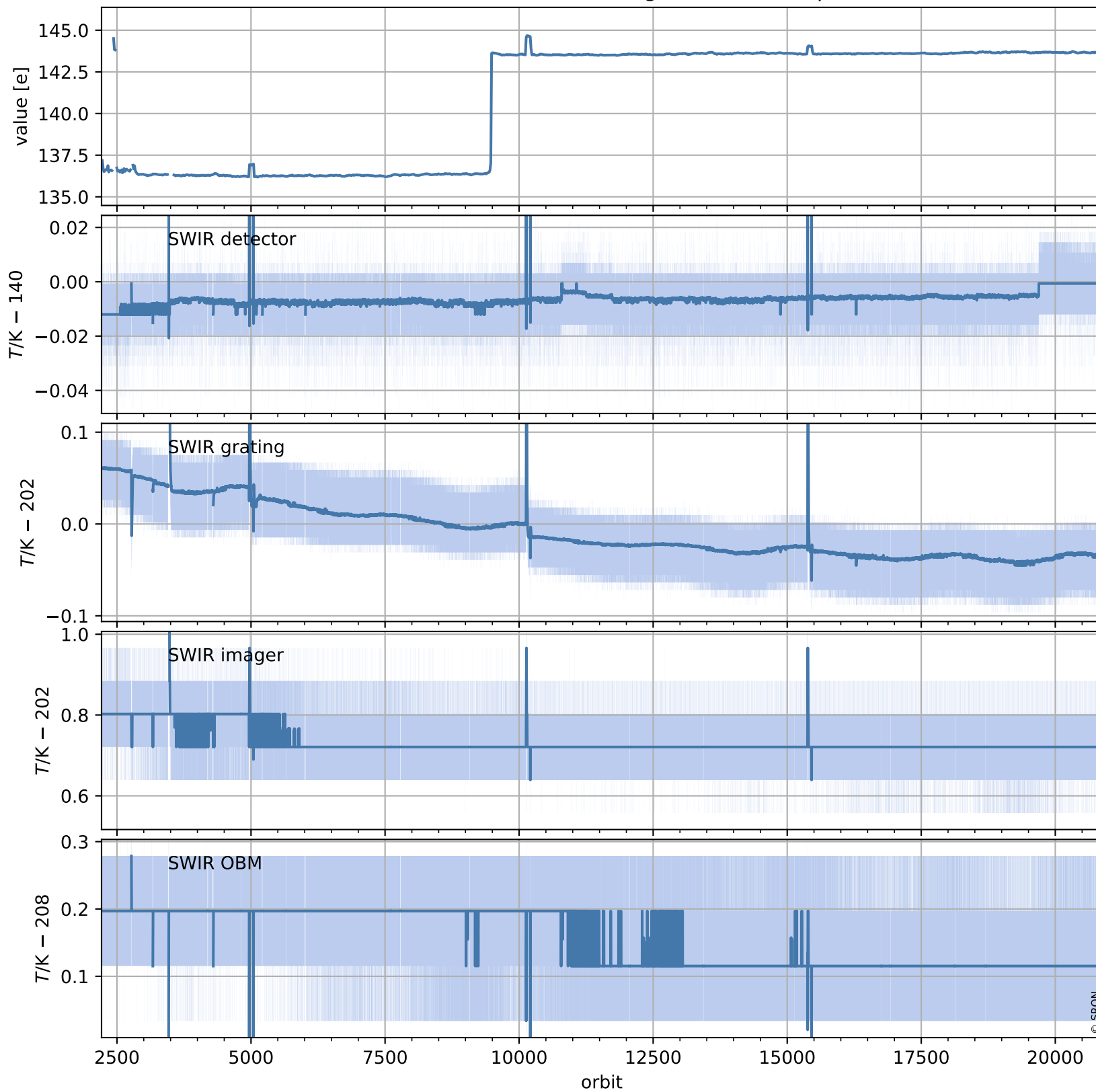
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20872]
coverage : 2018-03-18 / 2021-10-23
created : 2023-08-21T16:14:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20872]
coverage : 2018-03-18 / 2021-10-23
created : 2023-08-21T16:14:10

trend of normalized read-noise & temperatures

