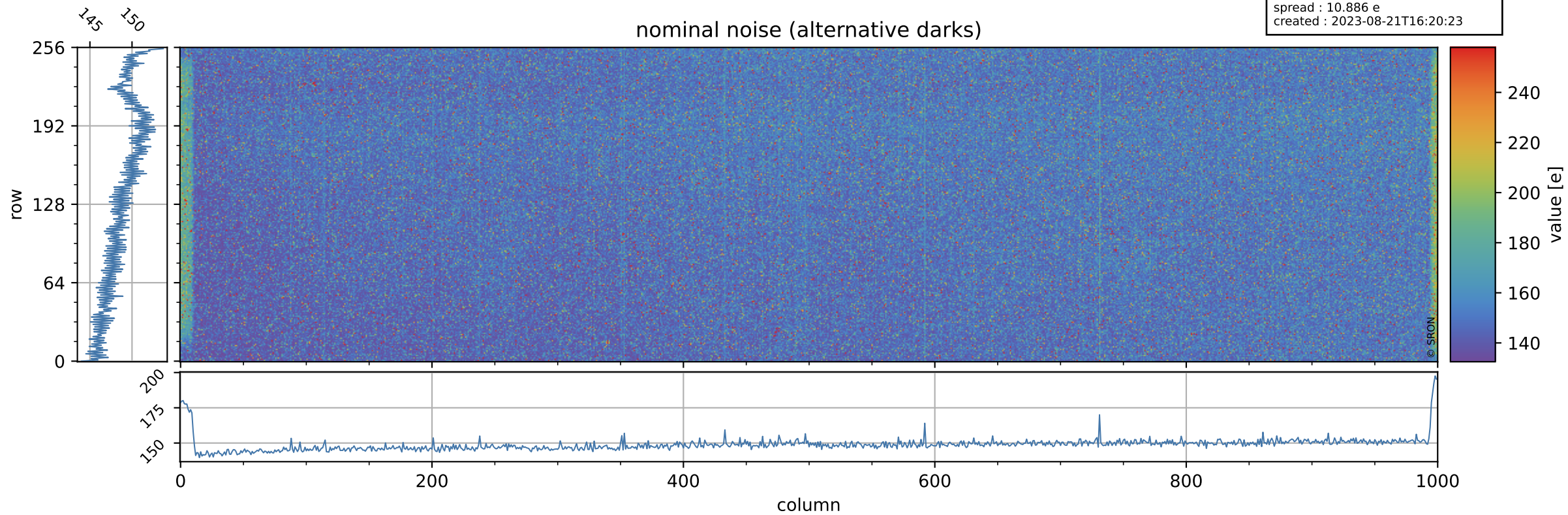


Tropomi SWIR background noise (swir)

orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
n_coad, t_exp : 1, 1.0783
median : 148.7 e
spread : 10.886 e
created : 2023-08-21T16:20:23

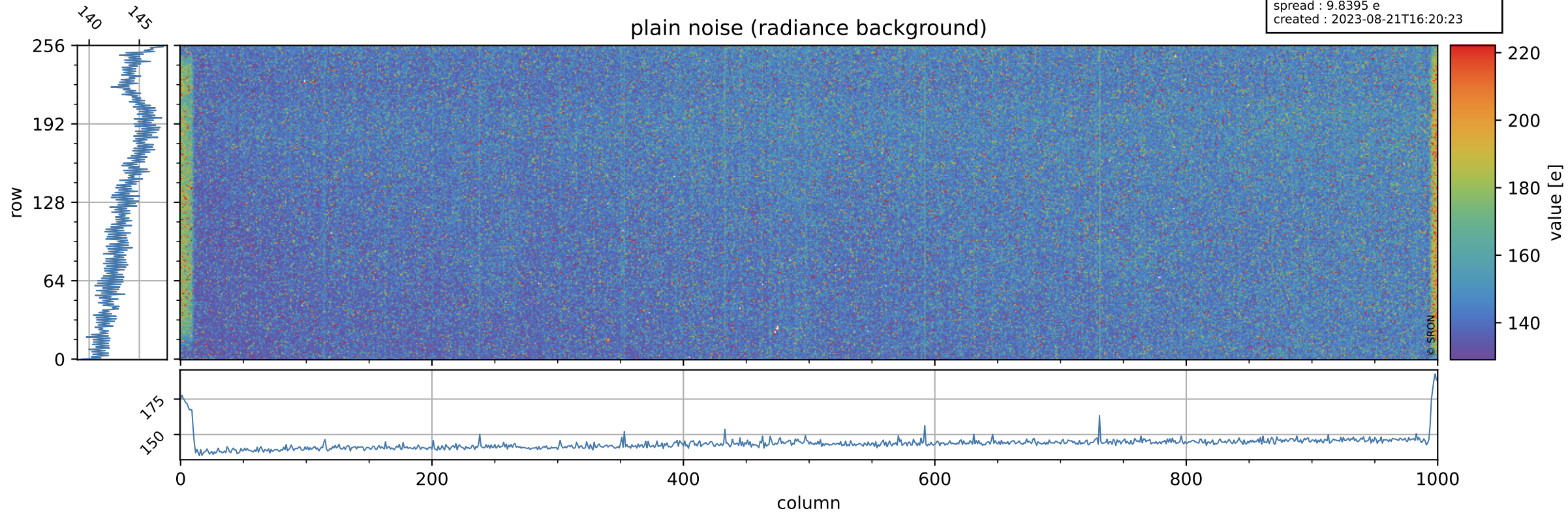
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
n_coad, t_exp : 1, 0.8383
median : 143.5 e
spread : 9.8395 e
created : 2023-08-21T16:20:23

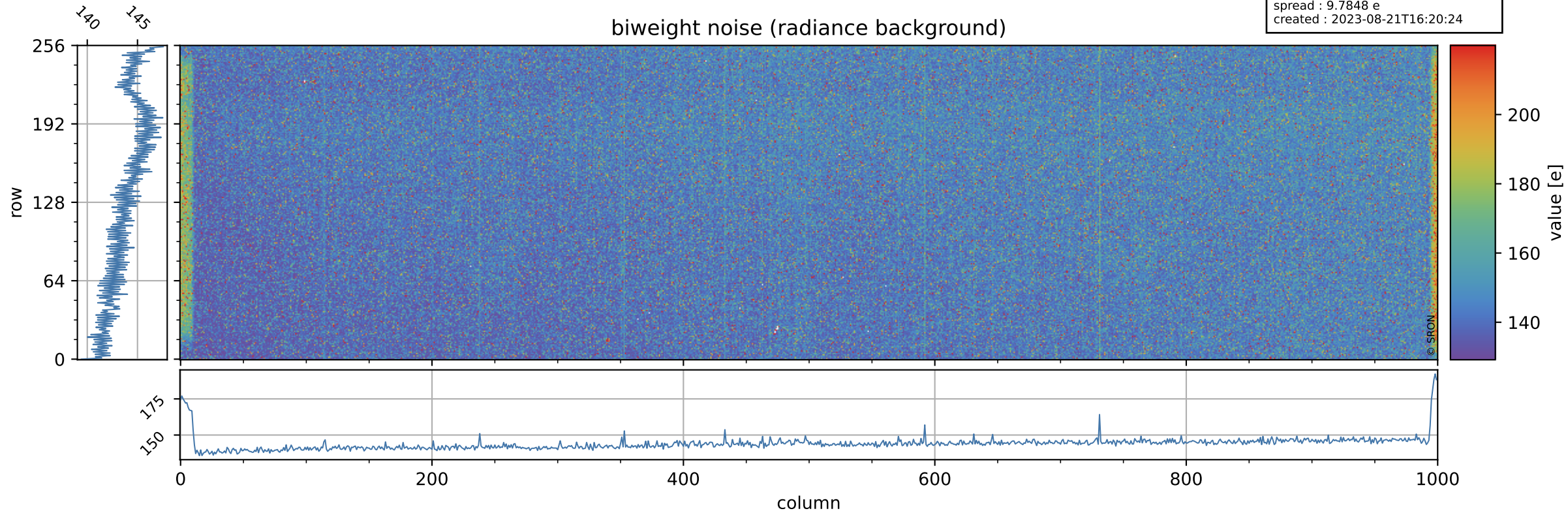
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7848 e
created : 2023-08-21T16:20:24

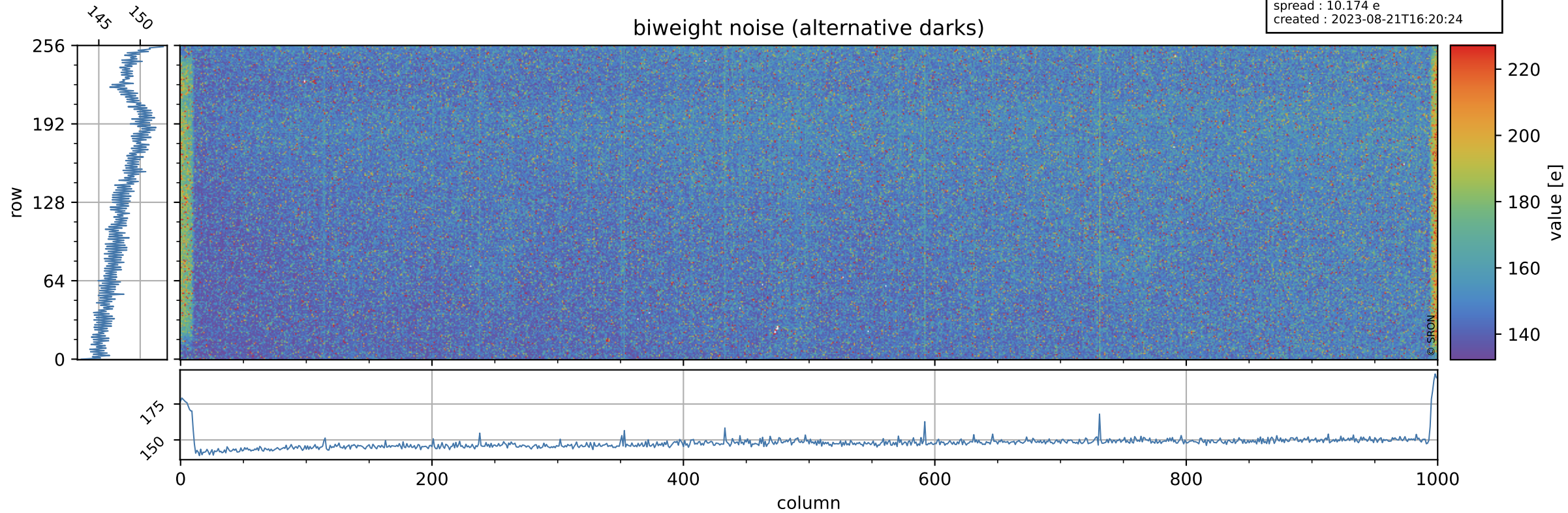
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.174 e
created : 2023-08-21T16:20:24

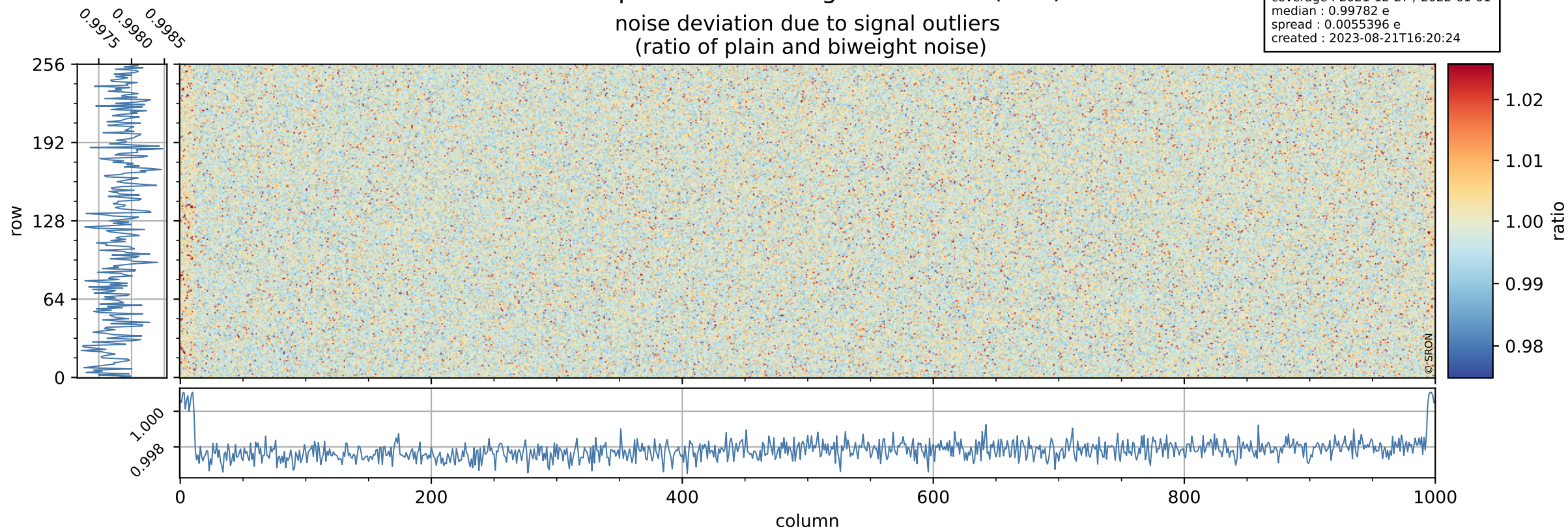
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

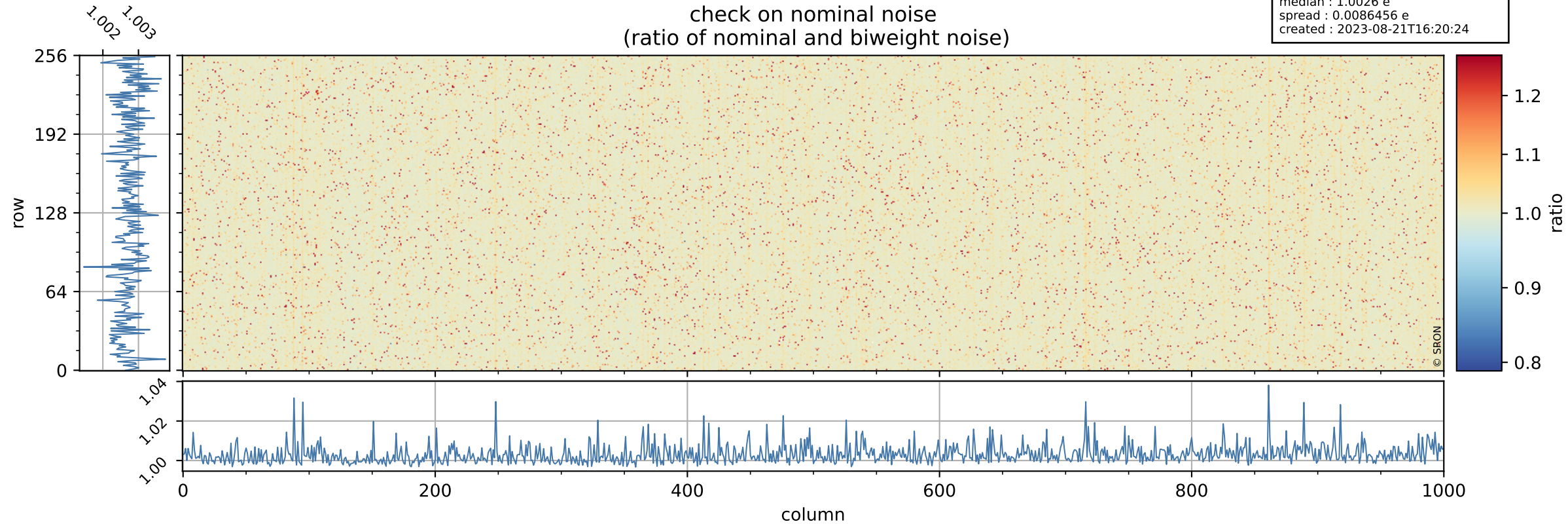
orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
median : 0.99782 e
spread : 0.0055396 e
created : 2023-08-21T16:20:24



Tropomi SWIR background noise (swir)

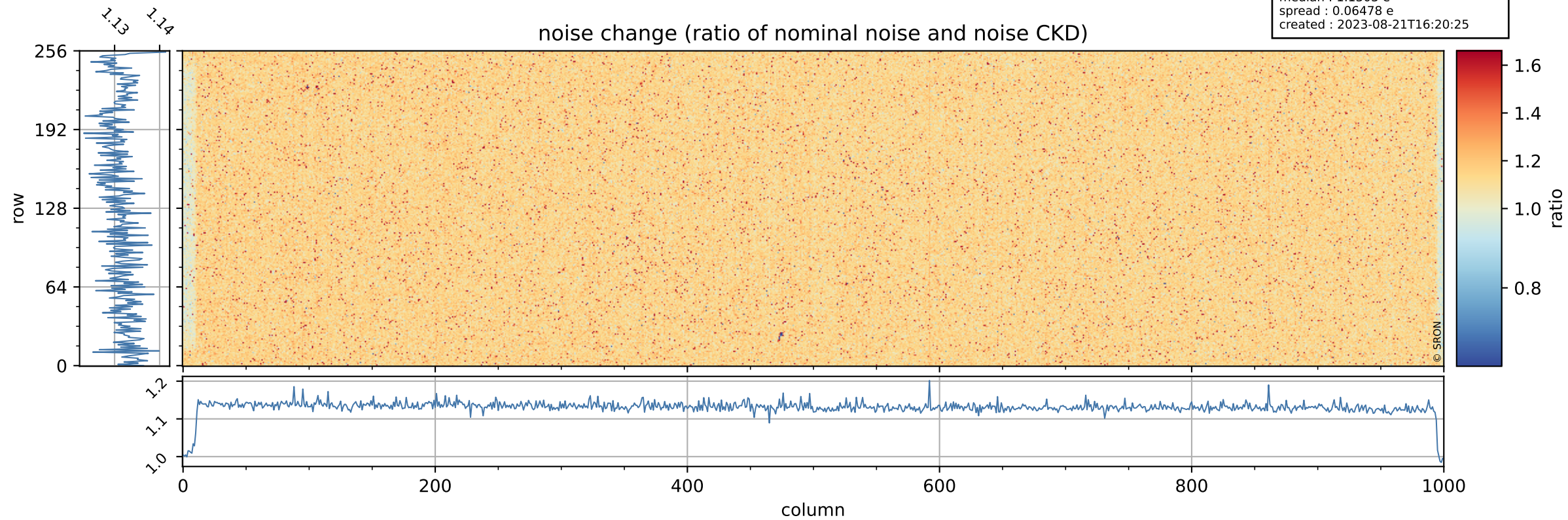
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
median : 1.0026 e
spread : 0.0086456 e
created : 2023-08-21T16:20:24



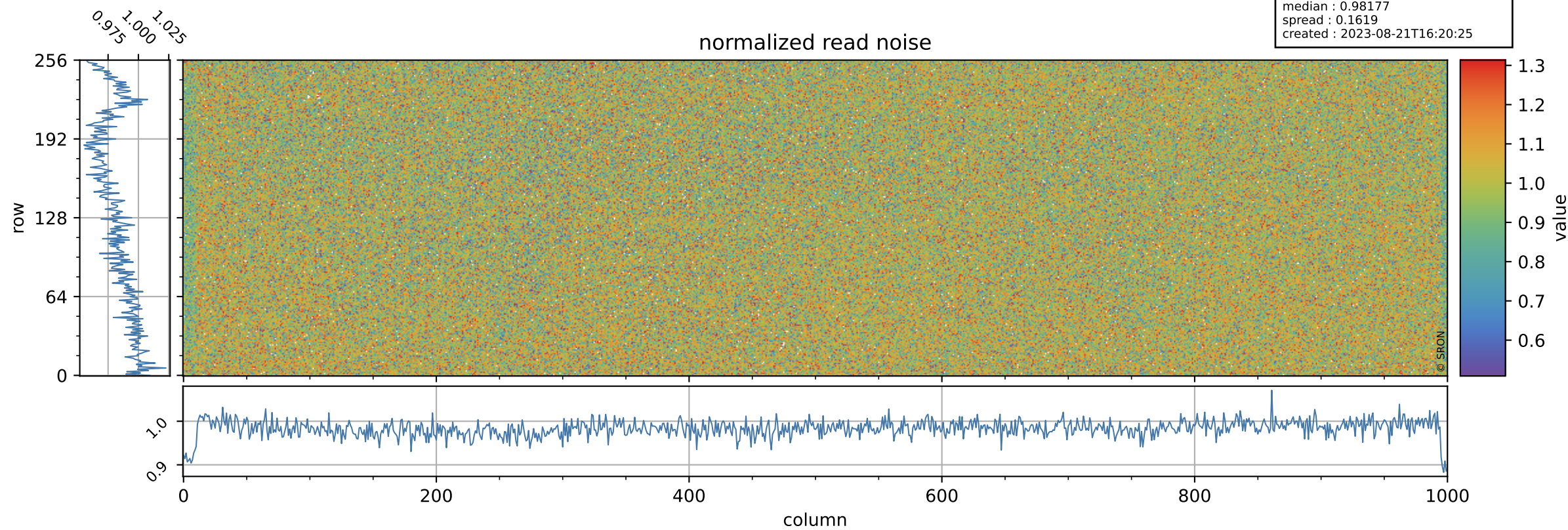
Tropomi SWIR background noise (swir)

orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
median : 1.1303 e
spread : 0.06478 e
created : 2023-08-21T16:20:25



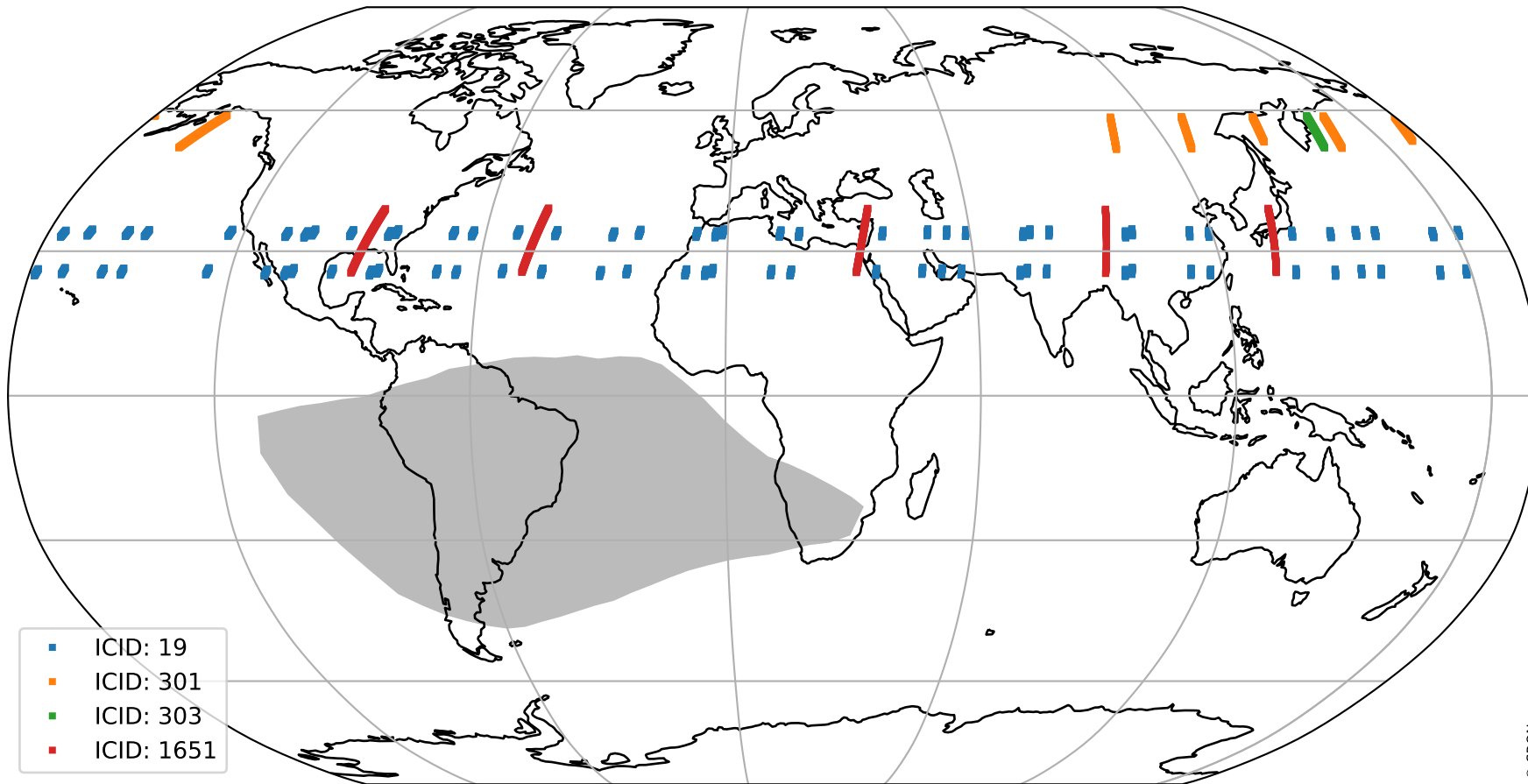
Tropomi SWIR background noise (swir)

orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
median : 0.98177
spread : 0.1619
created : 2023-08-21T16:20:25



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

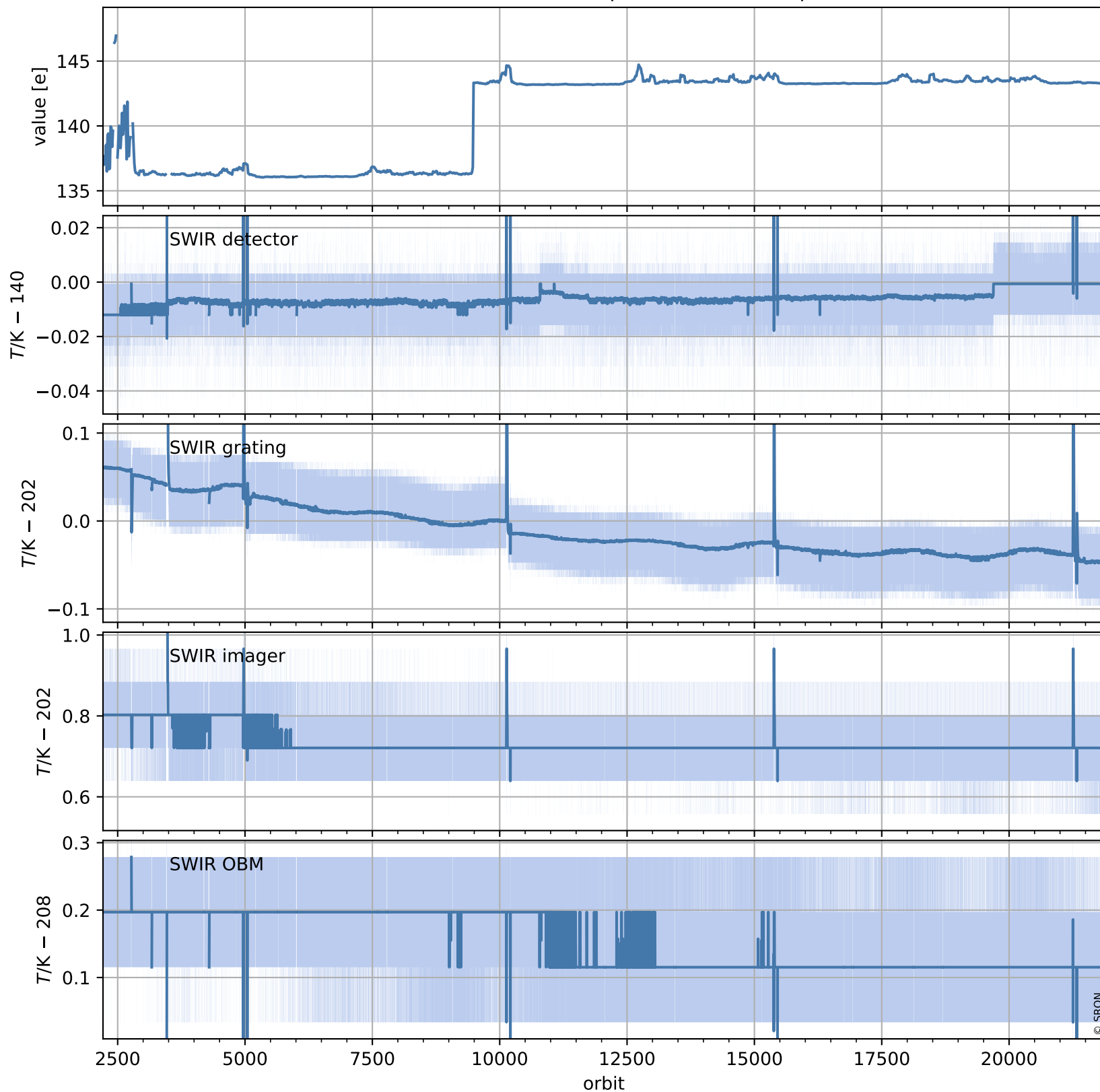
orbits : 12 in [21802, 21877]
coverage : 2021-12-27 / 2022-01-01
created : 2023-08-21T16:20:26



Tropomi SWIR background noise (swir)

orbits : [2212, 21877]
coverage : 2018-03-18 / 2022-01-01
created : 2023-08-21T16:20:26

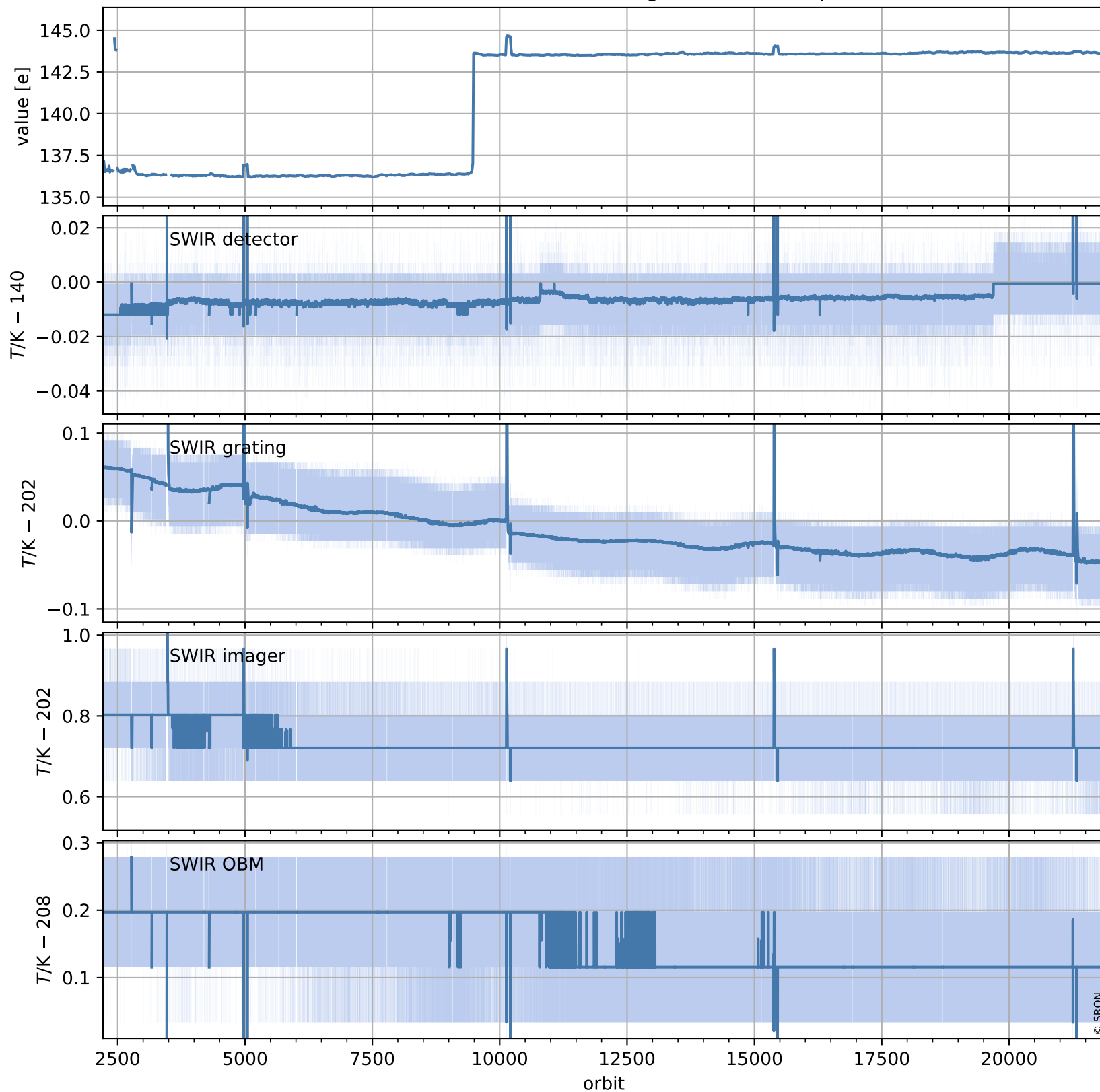
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21877]
coverage : 2018-03-18 / 2022-01-01
created : 2023-08-21T16:20:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21877]
coverage : 2018-03-18 / 2022-01-01
created : 2023-08-21T16:20:28

trend of normalized read-noise & temperatures

