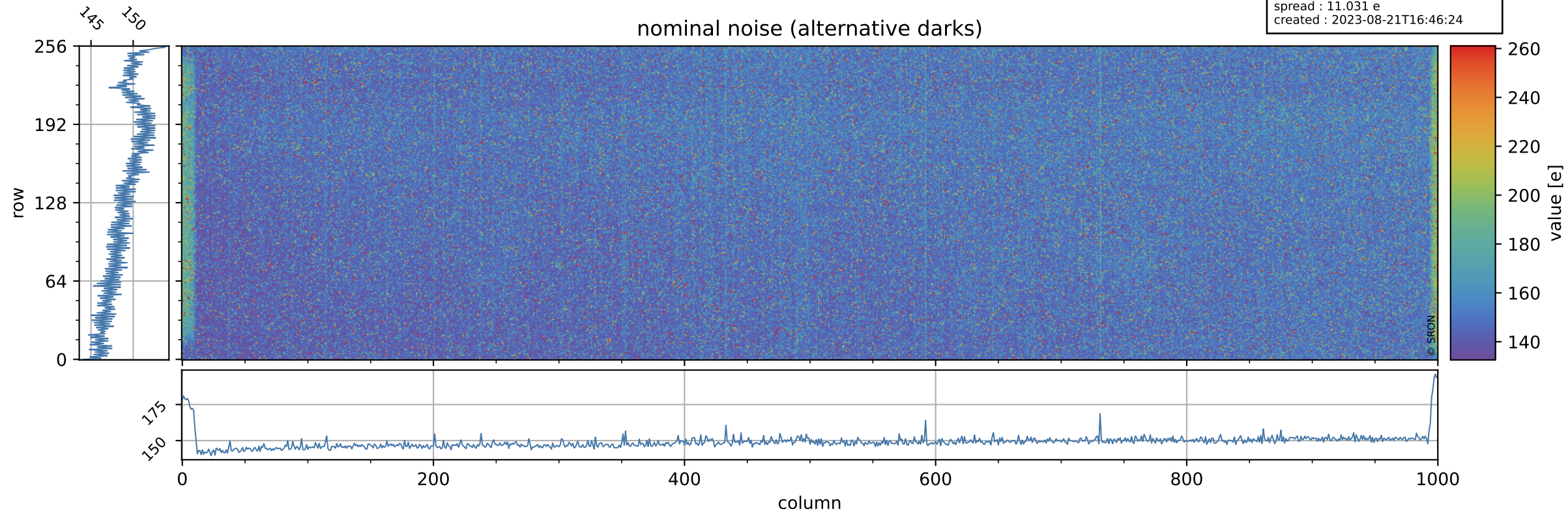


Tropomi SWIR background noise (swir)

orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.031 e
created : 2023-08-21T16:46:24

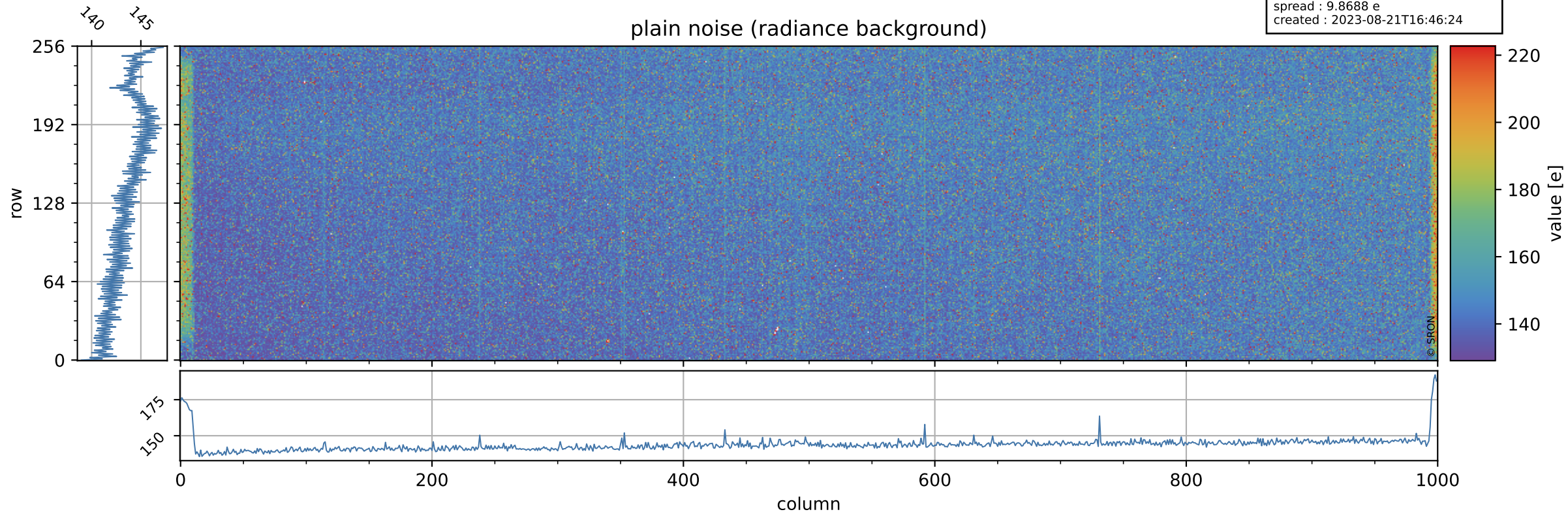
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8688 e
created : 2023-08-21T16:46:24

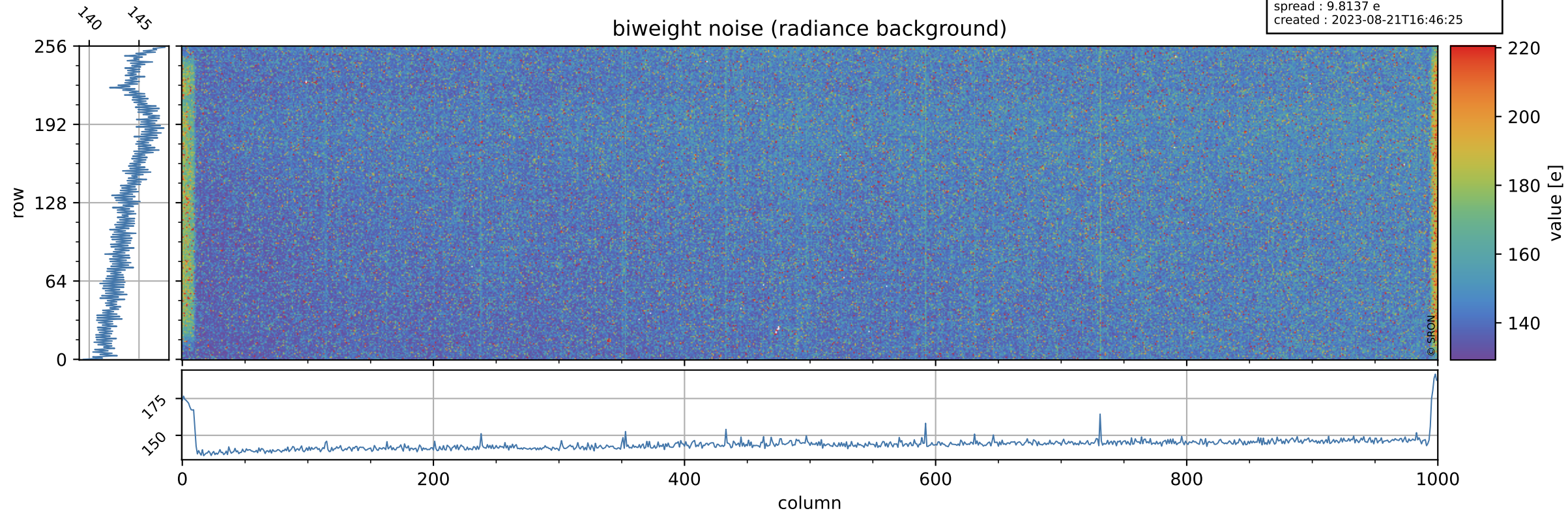
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8137 e
created : 2023-08-21T16:46:25

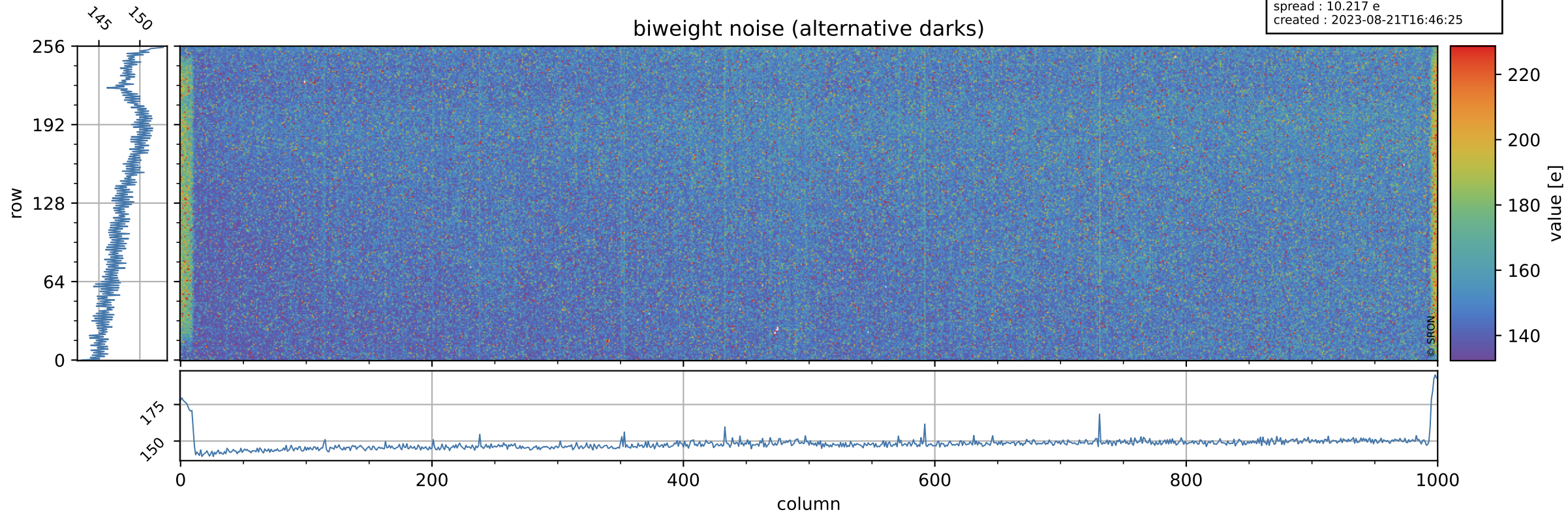
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.217 e
created : 2023-08-21T16:46:25

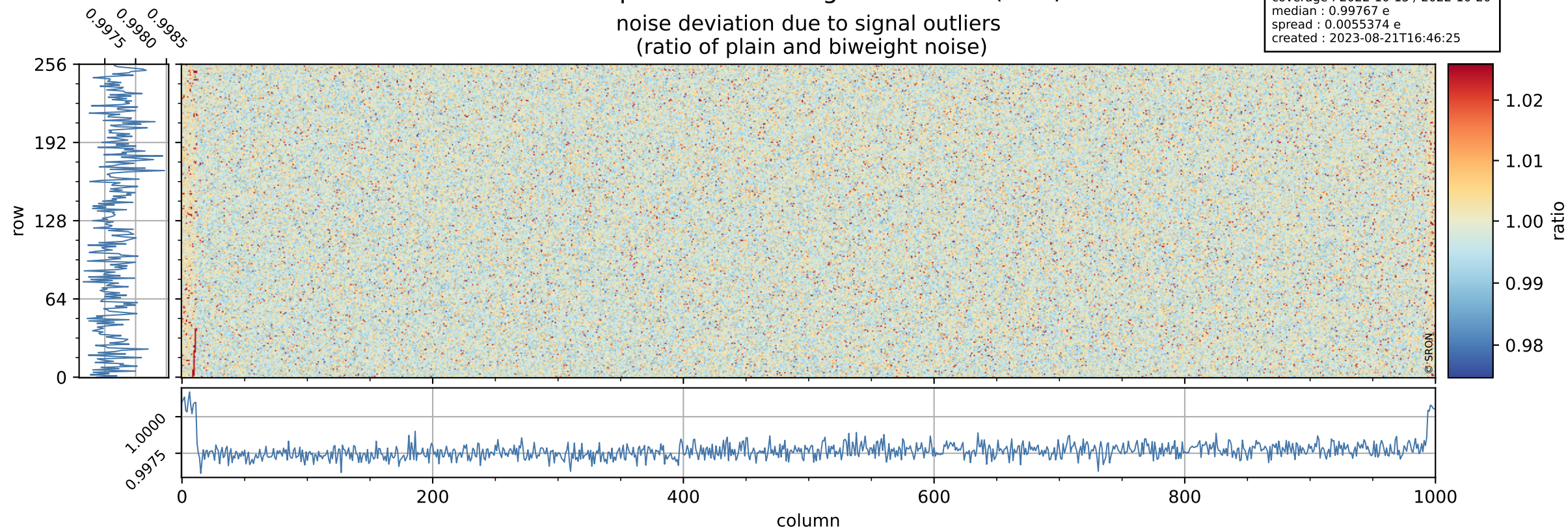
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

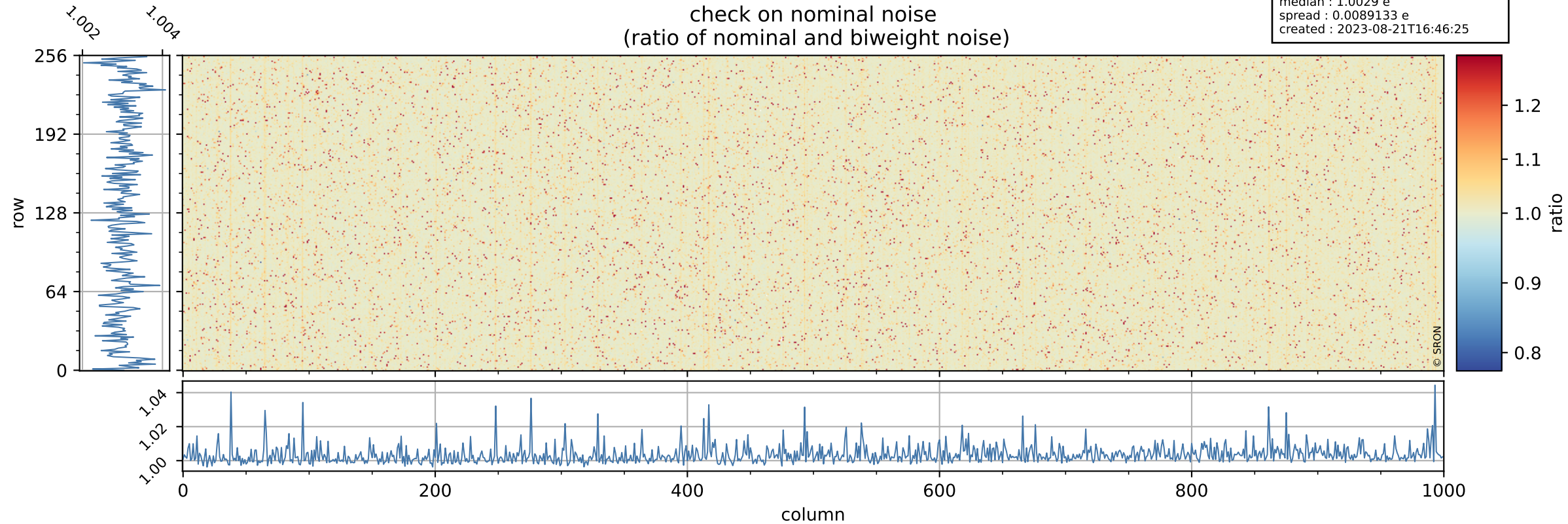
orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
median : 0.99767 e
spread : 0.0055374 e
created : 2023-08-21T16:46:25



Tropomi SWIR background noise (swir)

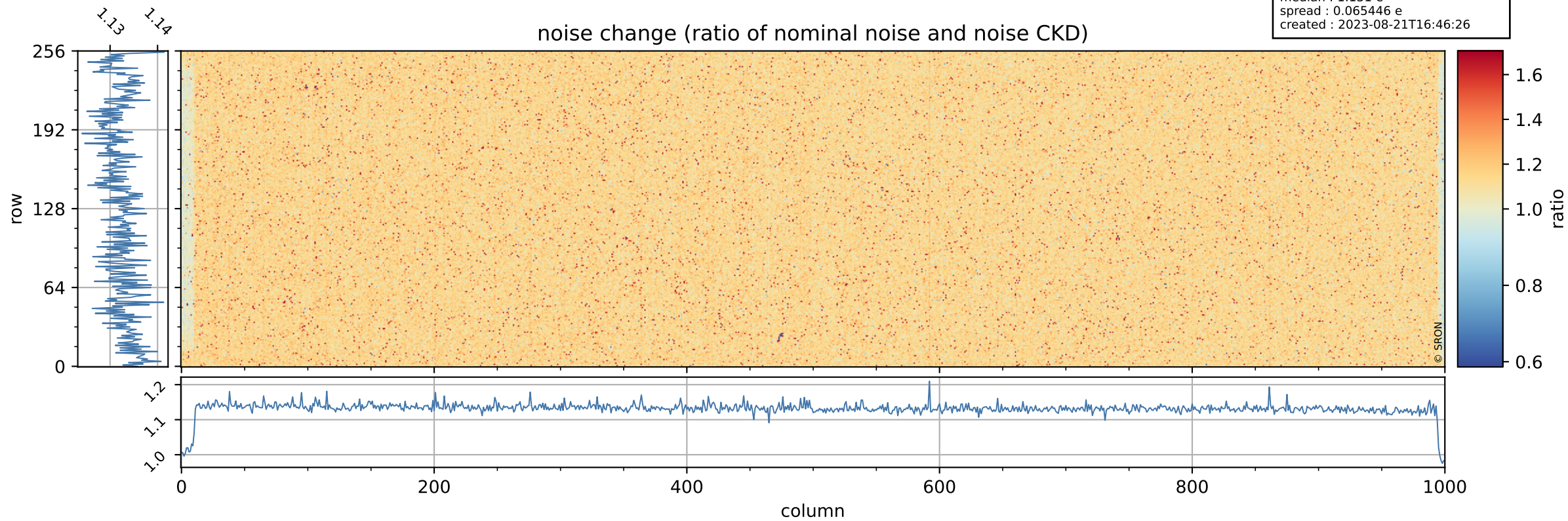
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
median : 1.0029 e
spread : 0.0089133 e
created : 2023-08-21T16:46:25



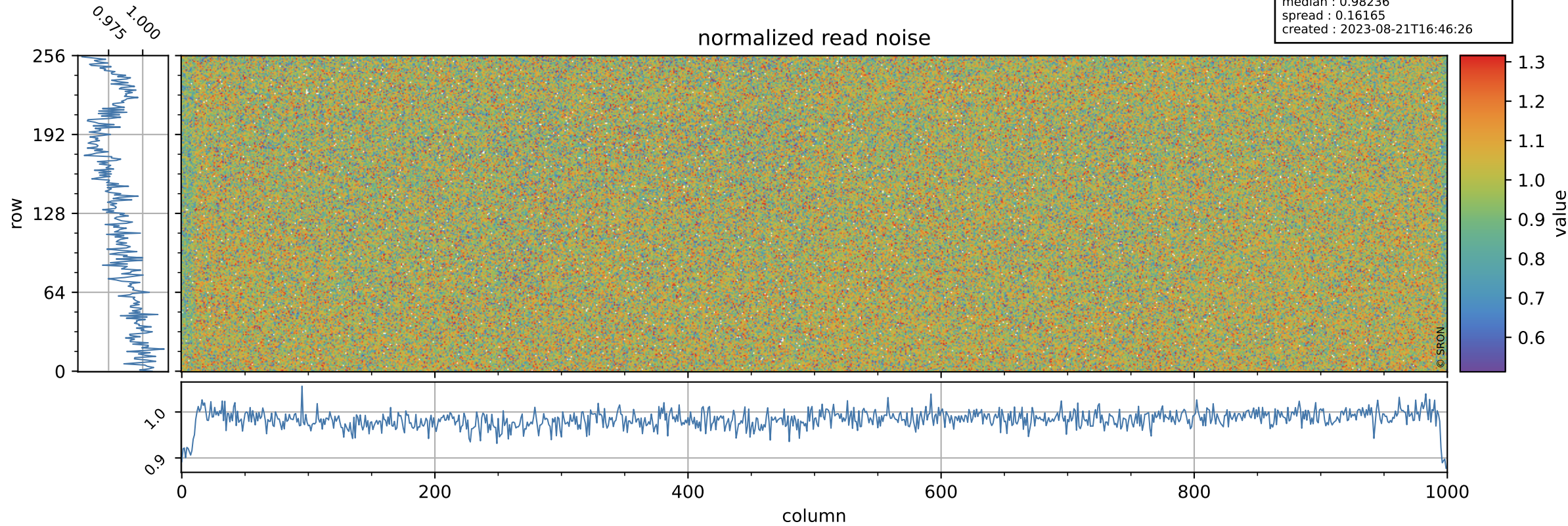
Tropomi SWIR background noise (swir)

orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
median : 1.131 e
spread : 0.065446 e
created : 2023-08-21T16:46:26



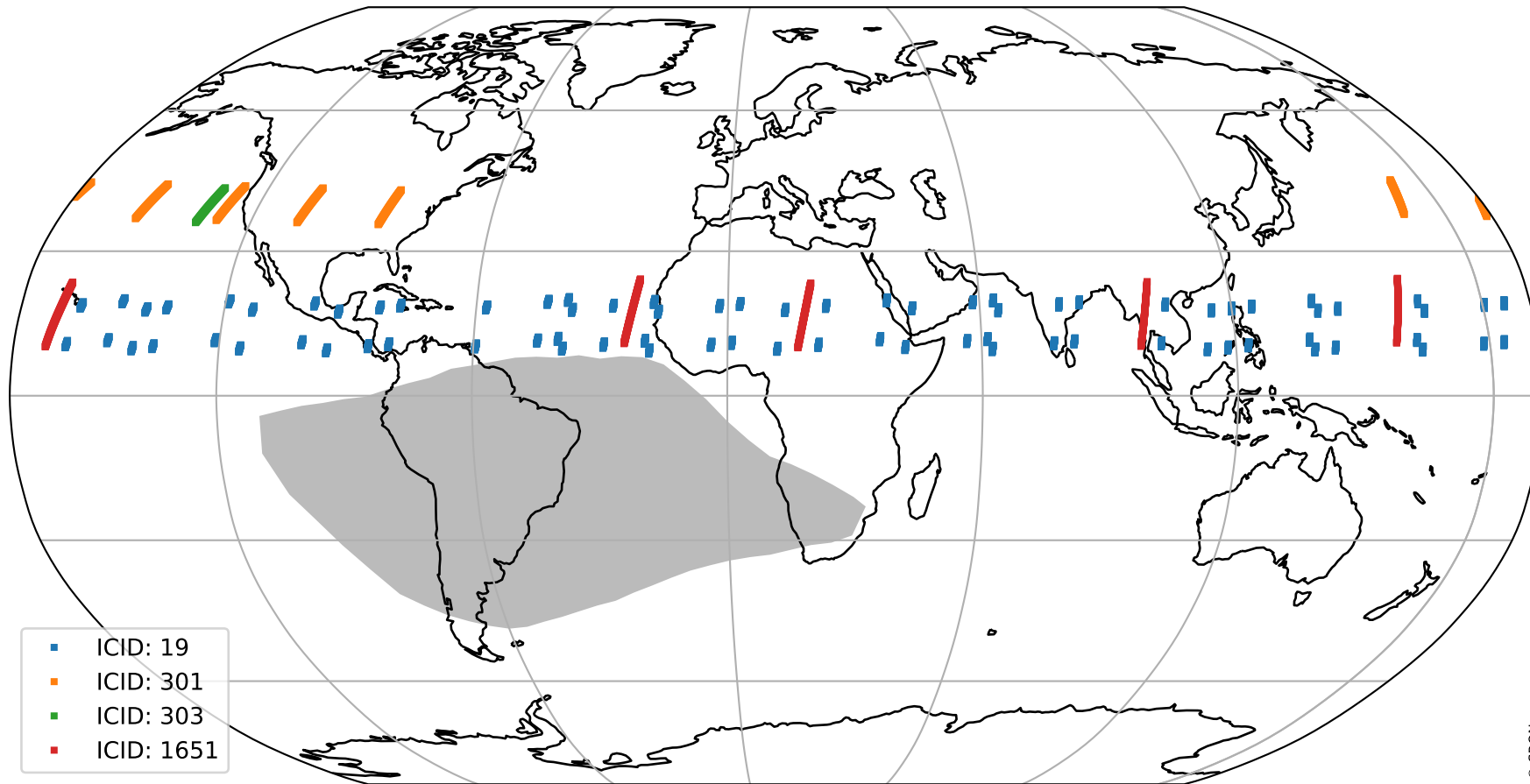
Tropomi SWIR background noise (swir)

orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
median : 0.98236
spread : 0.16165
created : 2023-08-21T16:46:26



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

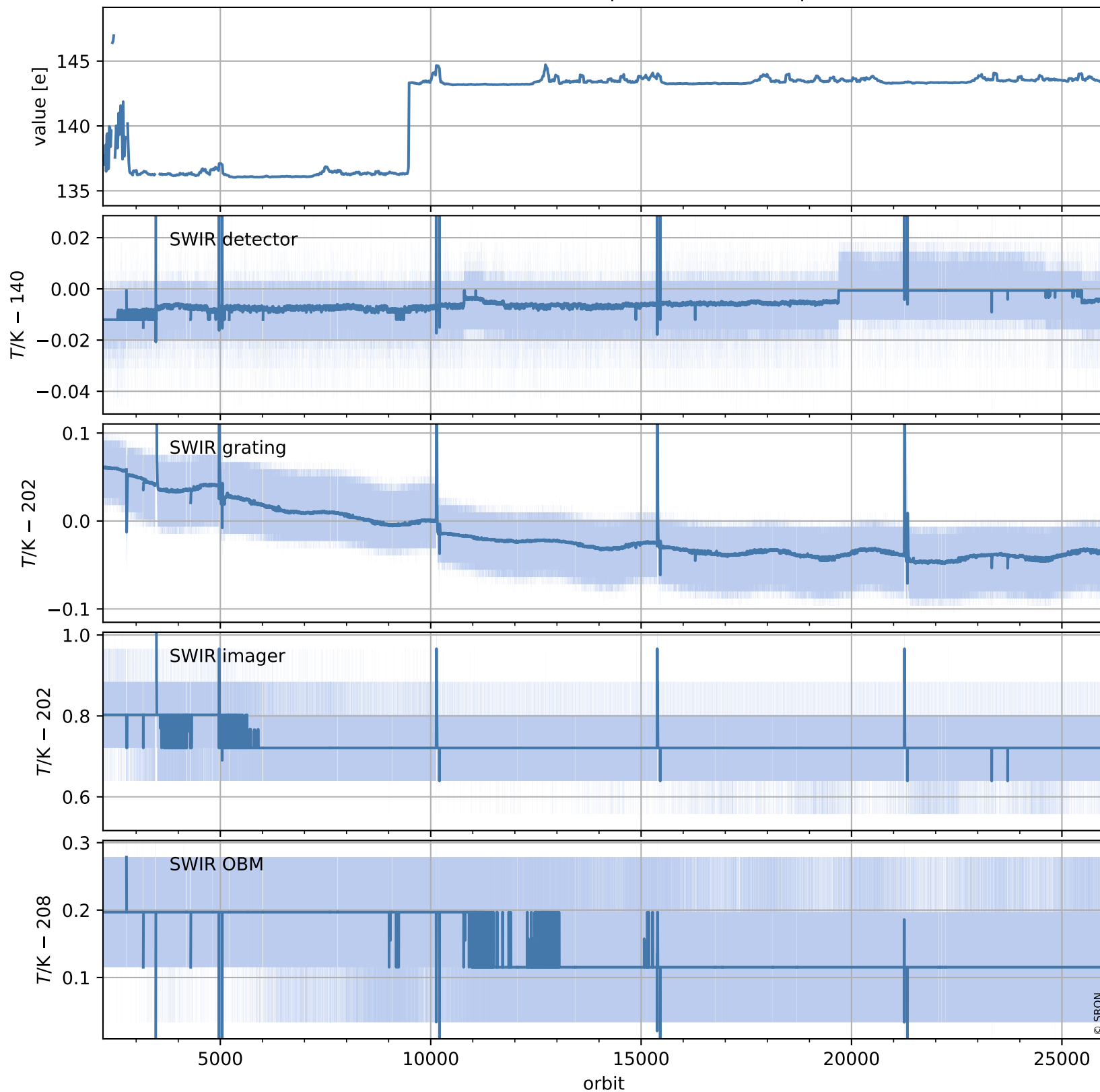
orbits : 12 in [25942, 26017]
coverage : 2022-10-15 / 2022-10-20
created : 2023-08-21T16:46:26



Tropomi SWIR background noise (swir)

orbits : [2212, 26017]
coverage : 2018-03-18 / 2022-10-20
created : 2023-08-21T16:46:27

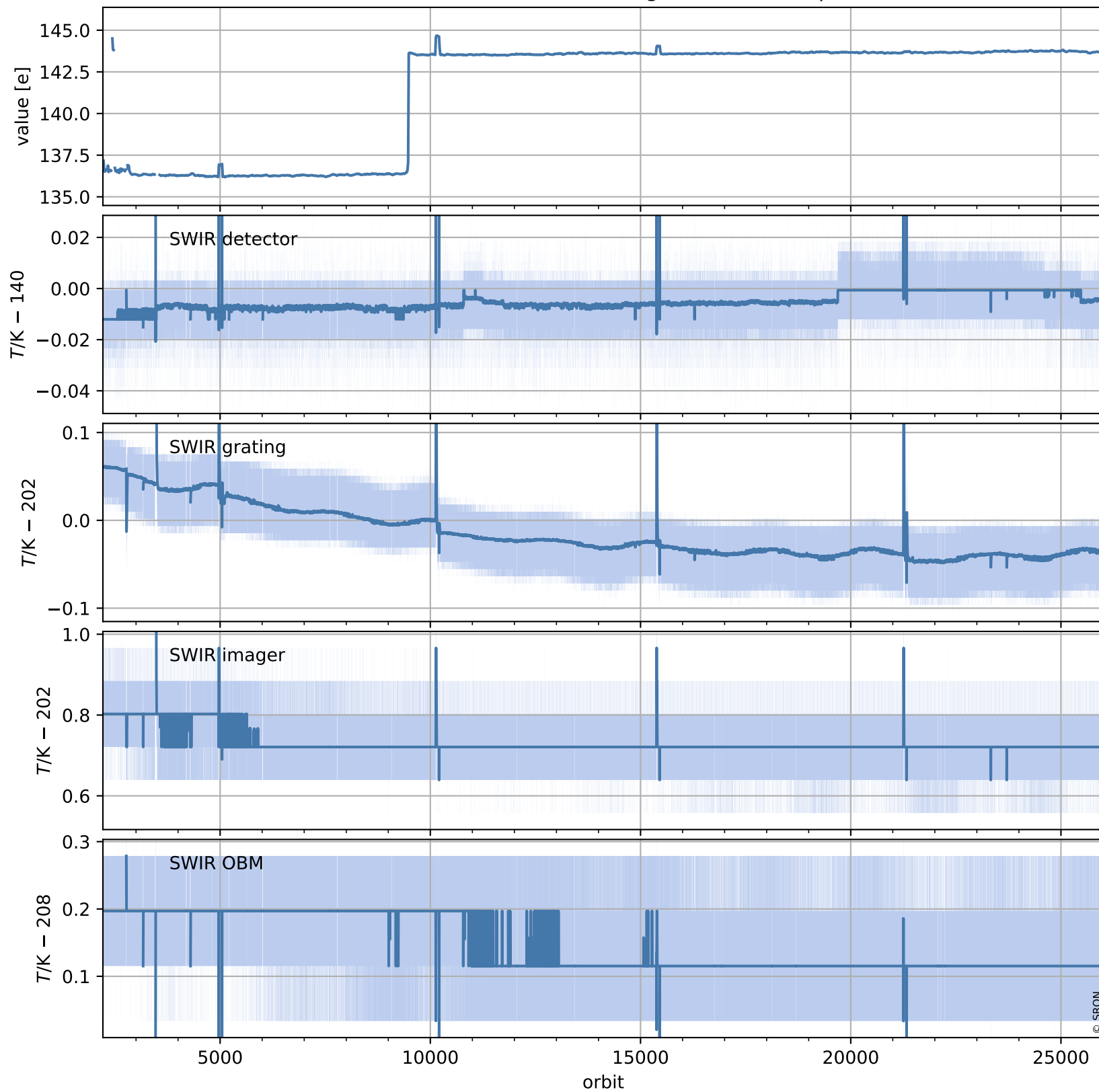
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26017]
coverage : 2018-03-18 / 2022-10-20
created : 2023-08-21T16:46:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26017]
coverage : 2018-03-18 / 2022-10-20
created : 2023-08-21T16:46:28

trend of normalized read-noise & temperatures

