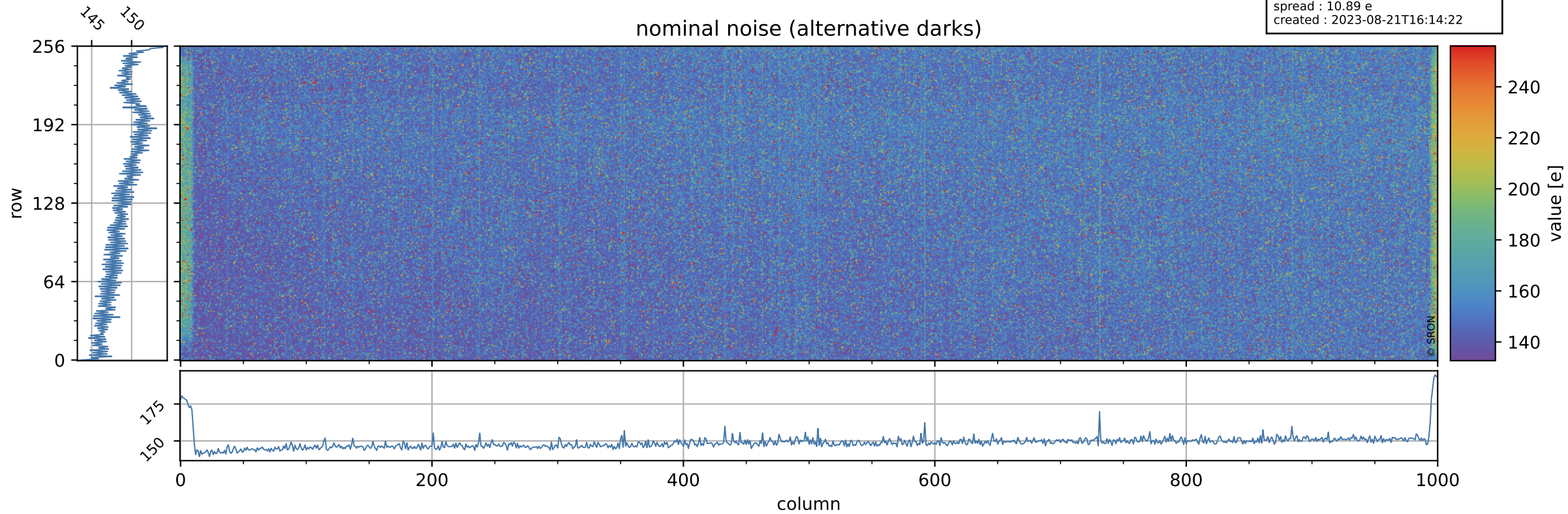


Tropomi SWIR background noise (swir)

orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.89 e
created : 2023-08-21T16:14:22

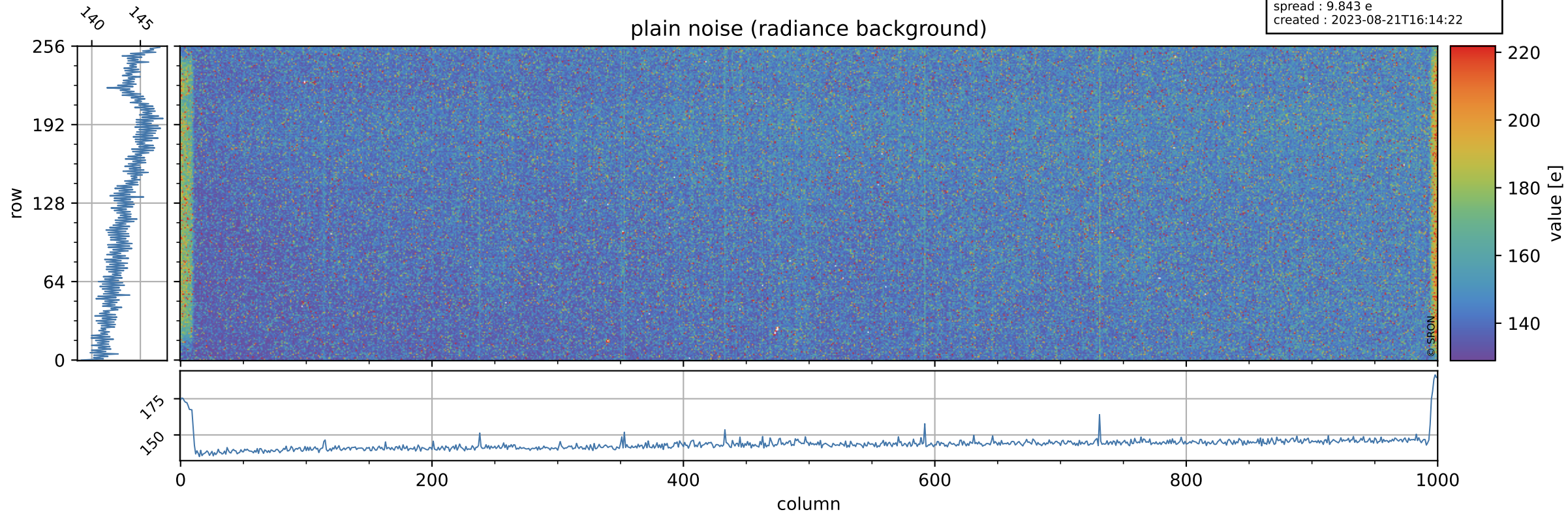
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.843 e
created : 2023-08-21T16:14:22

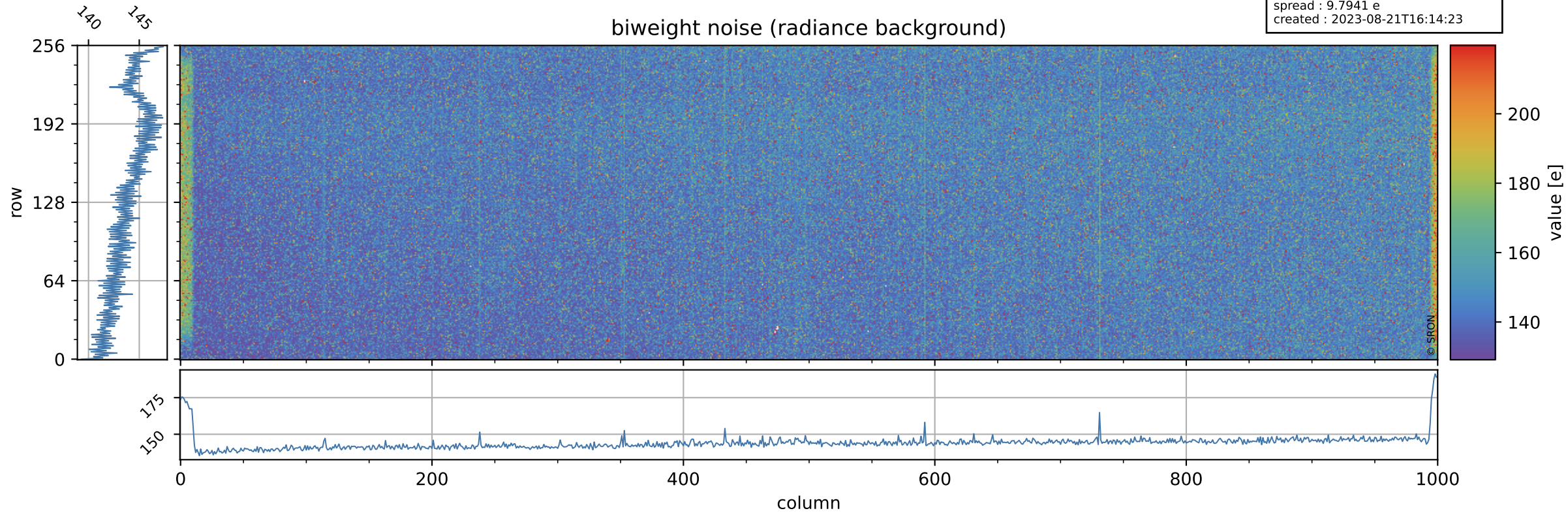
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7941 e
created : 2023-08-21T16:14:23

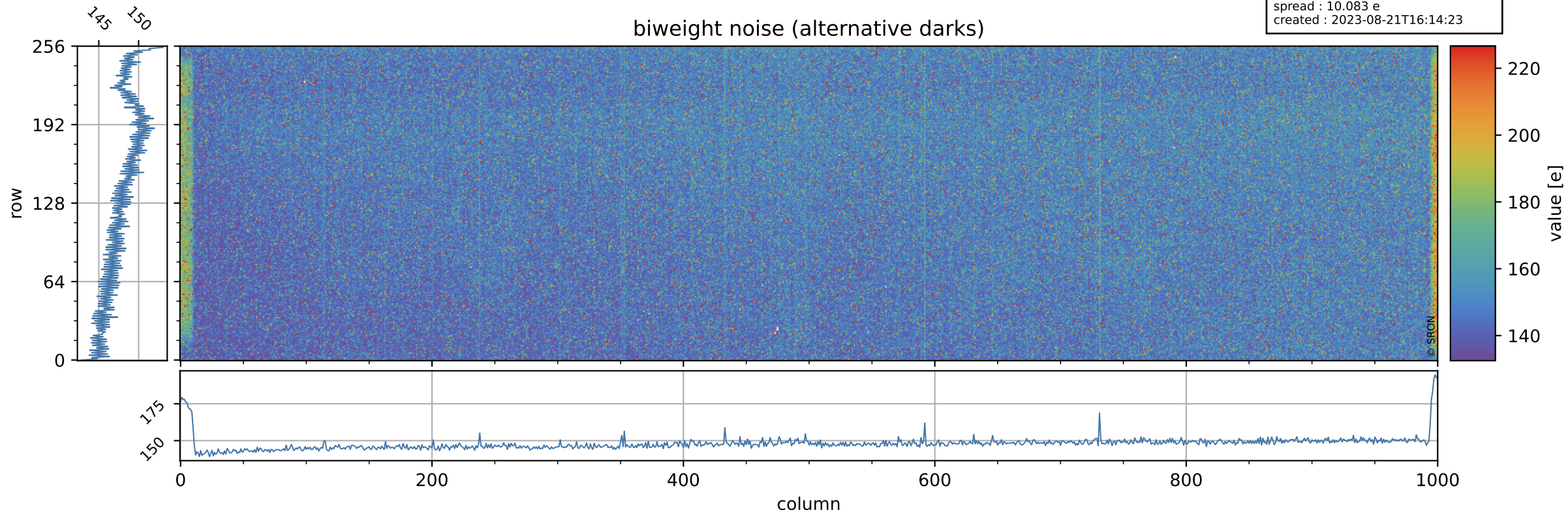
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.083 e
created : 2023-08-21T16:14:23

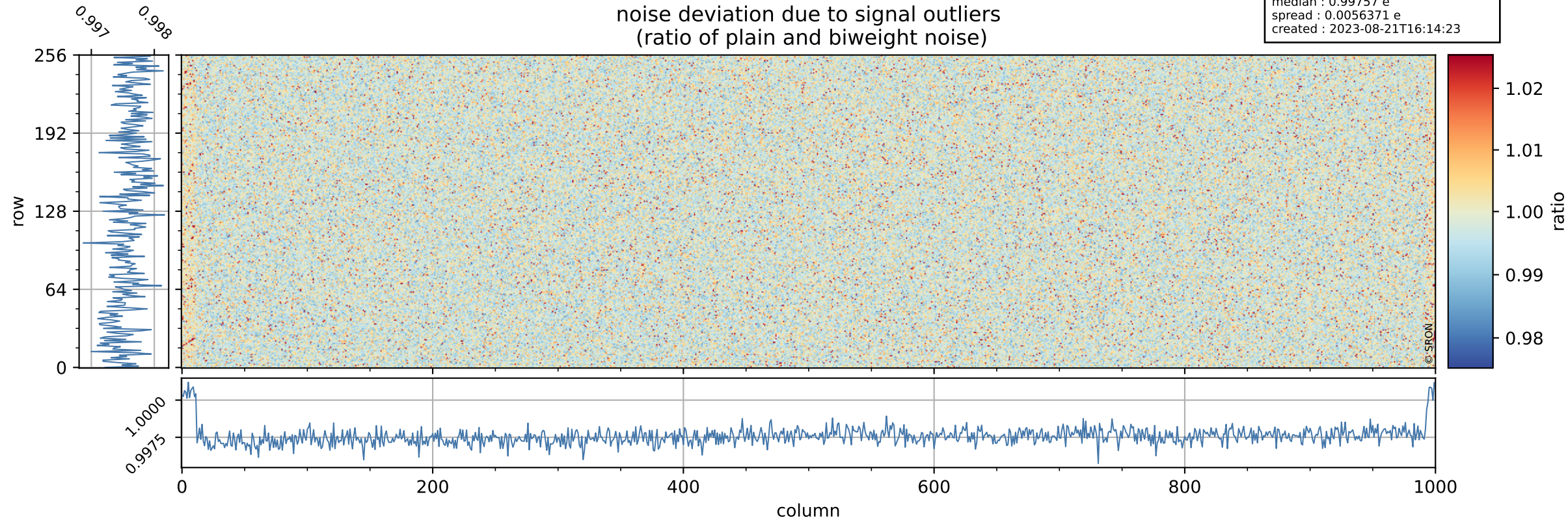
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

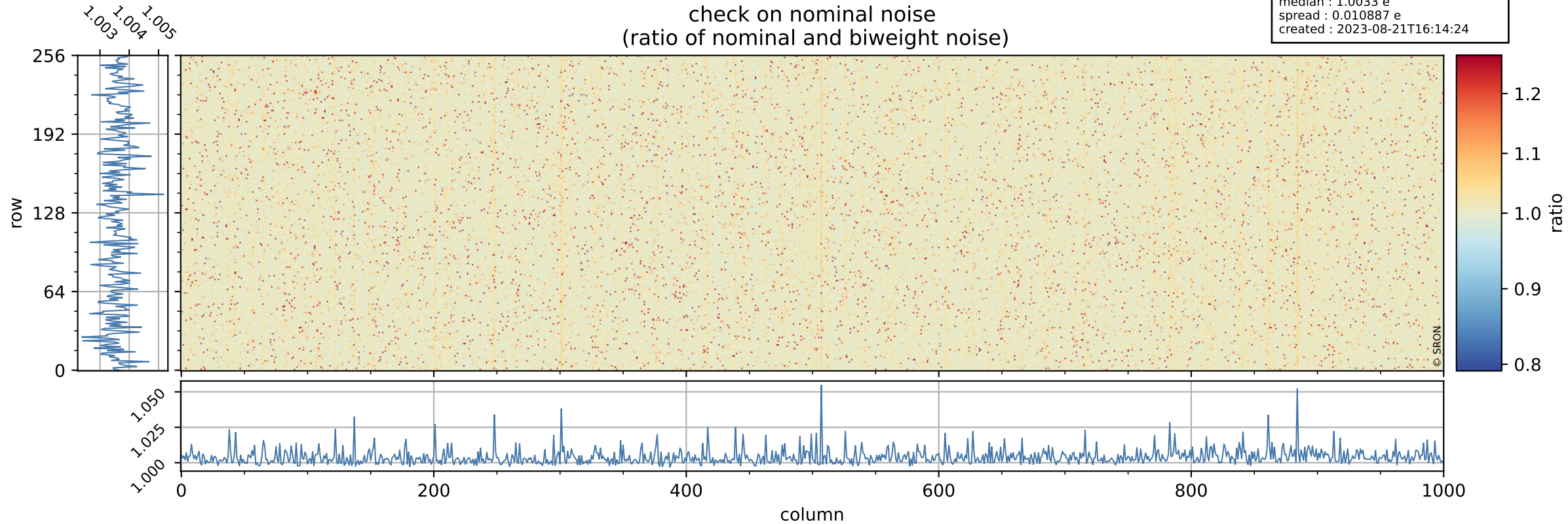
orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
median : 0.99757 e
spread : 0.0056371 e
created : 2023-08-21T16:14:23



Tropomi SWIR background noise (swir)

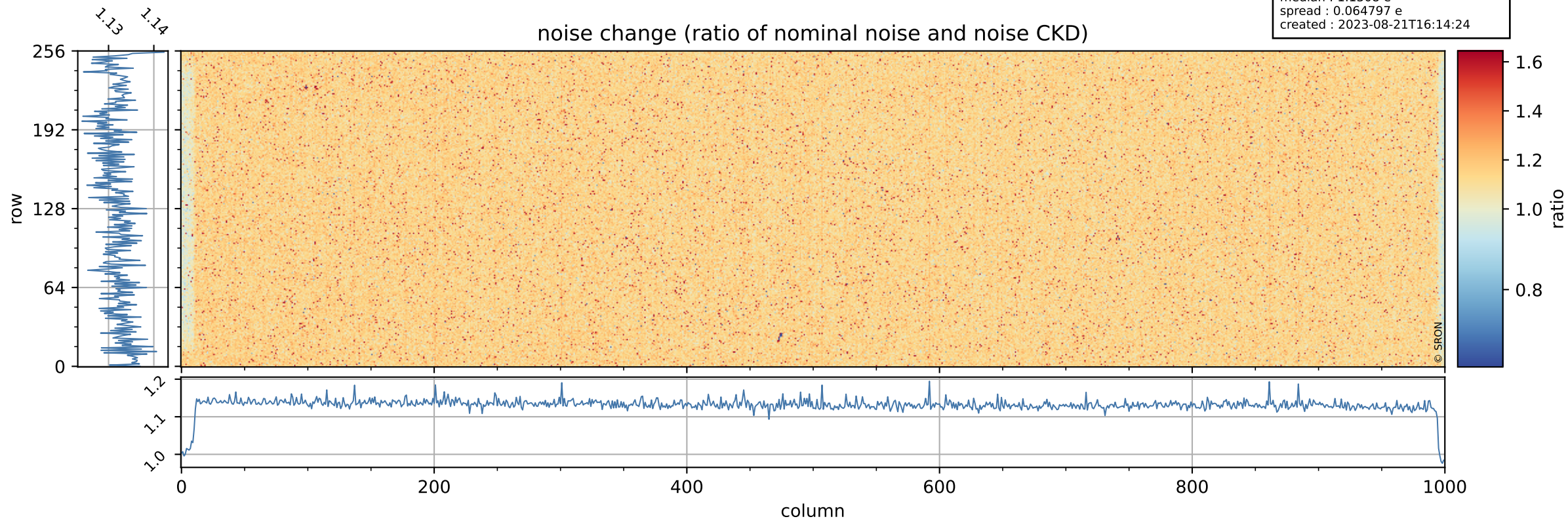
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
median : 1.0033 e
spread : 0.010887 e
created : 2023-08-21T16:14:24



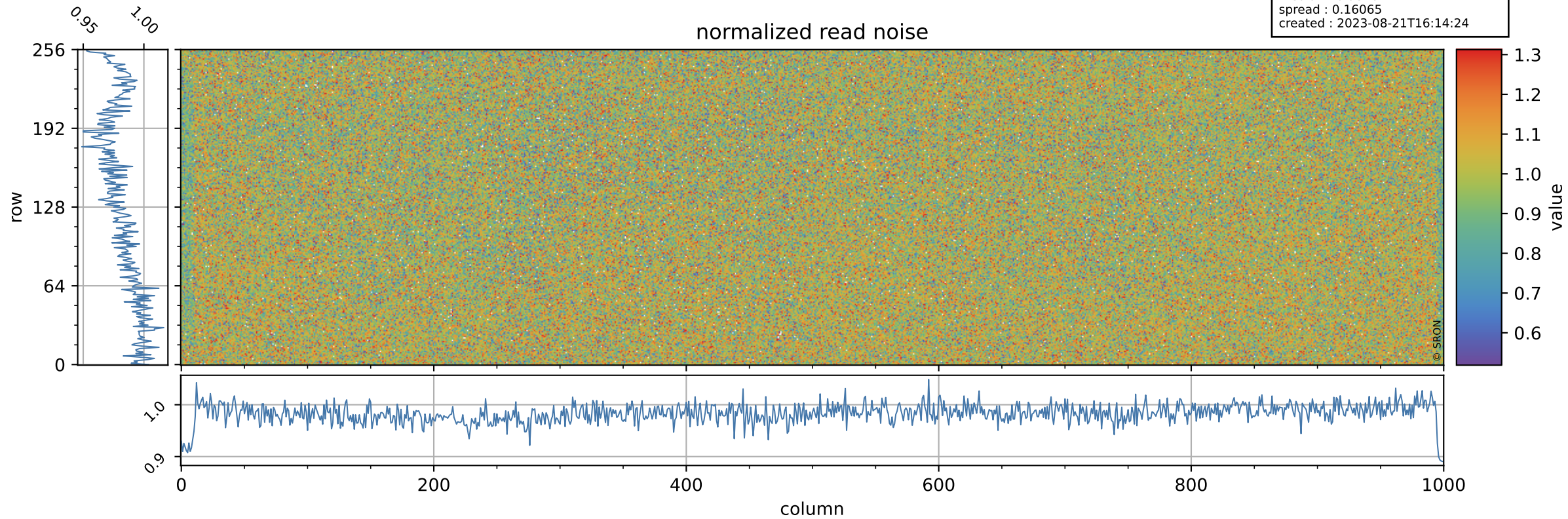
Tropomi SWIR background noise (swir)

orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
median : 1.1308 e
spread : 0.064797 e
created : 2023-08-21T16:14:24



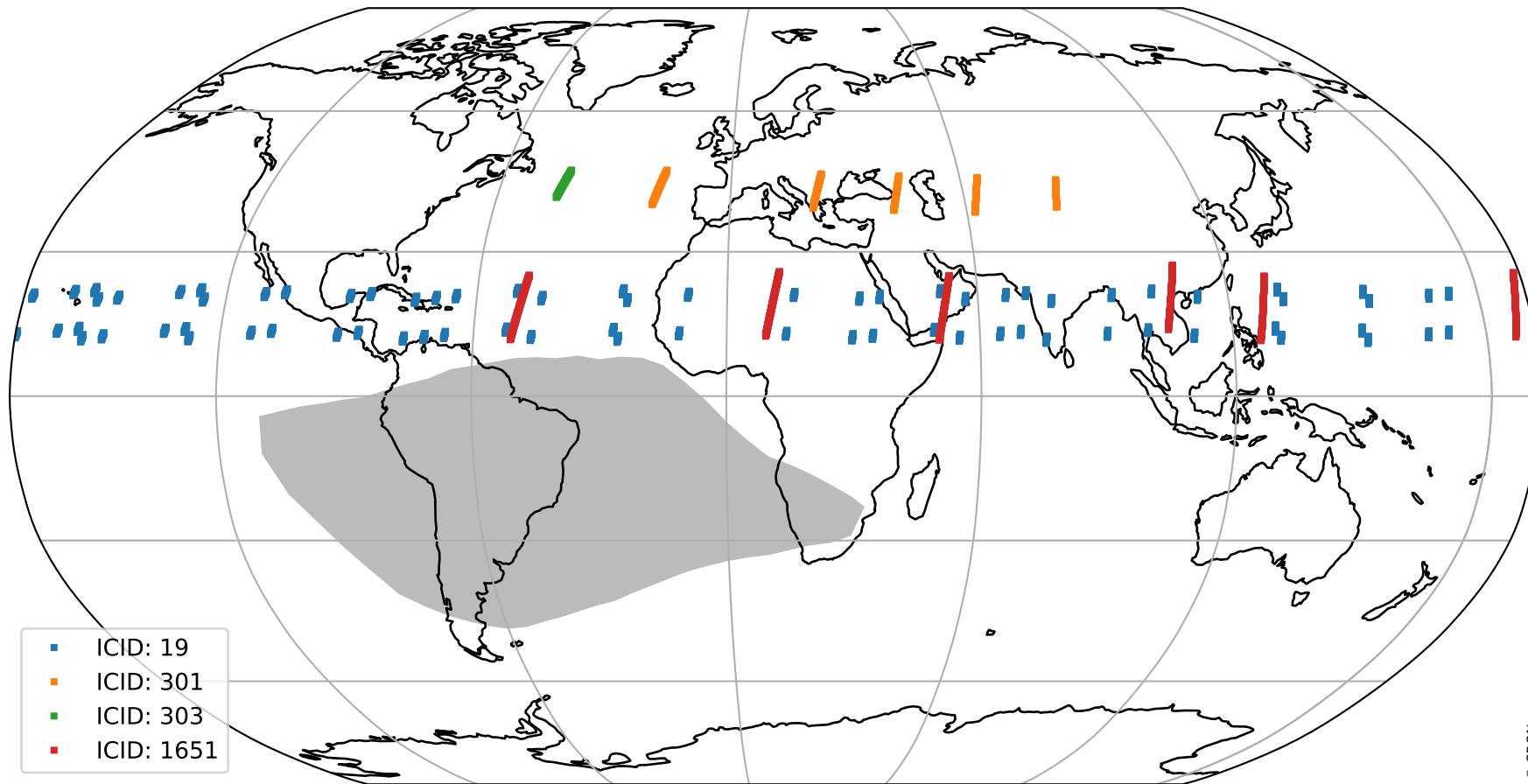
Tropomi SWIR background noise (swir)

orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
median : 0.98164
spread : 0.16065
created : 2023-08-21T16:14:24



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

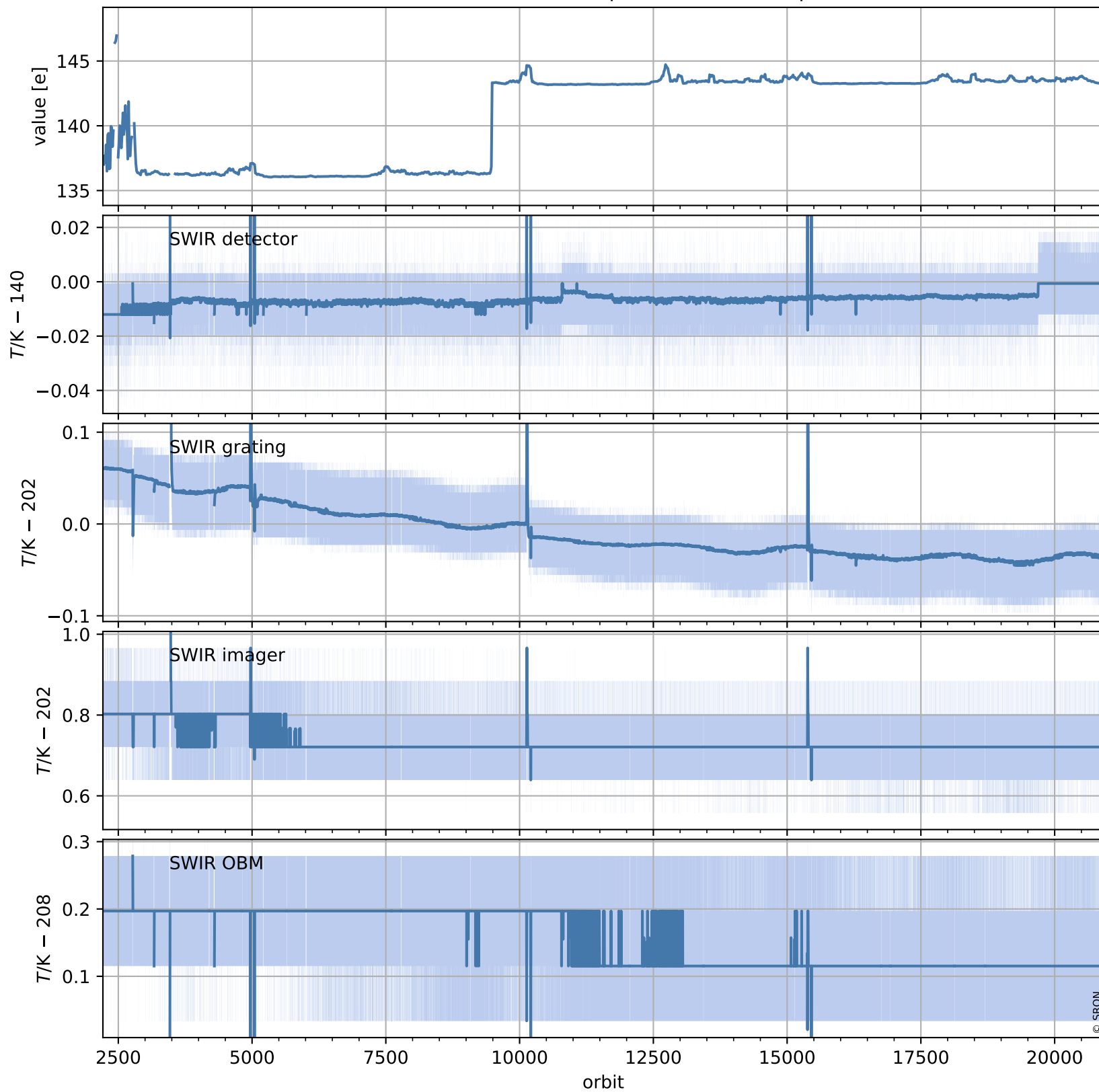
orbits : 12 in [20827, 20917]
coverage : 2021-10-20 / 2021-10-26
created : 2023-08-21T16:14:24



Tropomi SWIR background noise (swir)

orbits : [2212, 20917]
coverage : 2018-03-18 / 2021-10-26
created : 2023-08-21T16:14:25

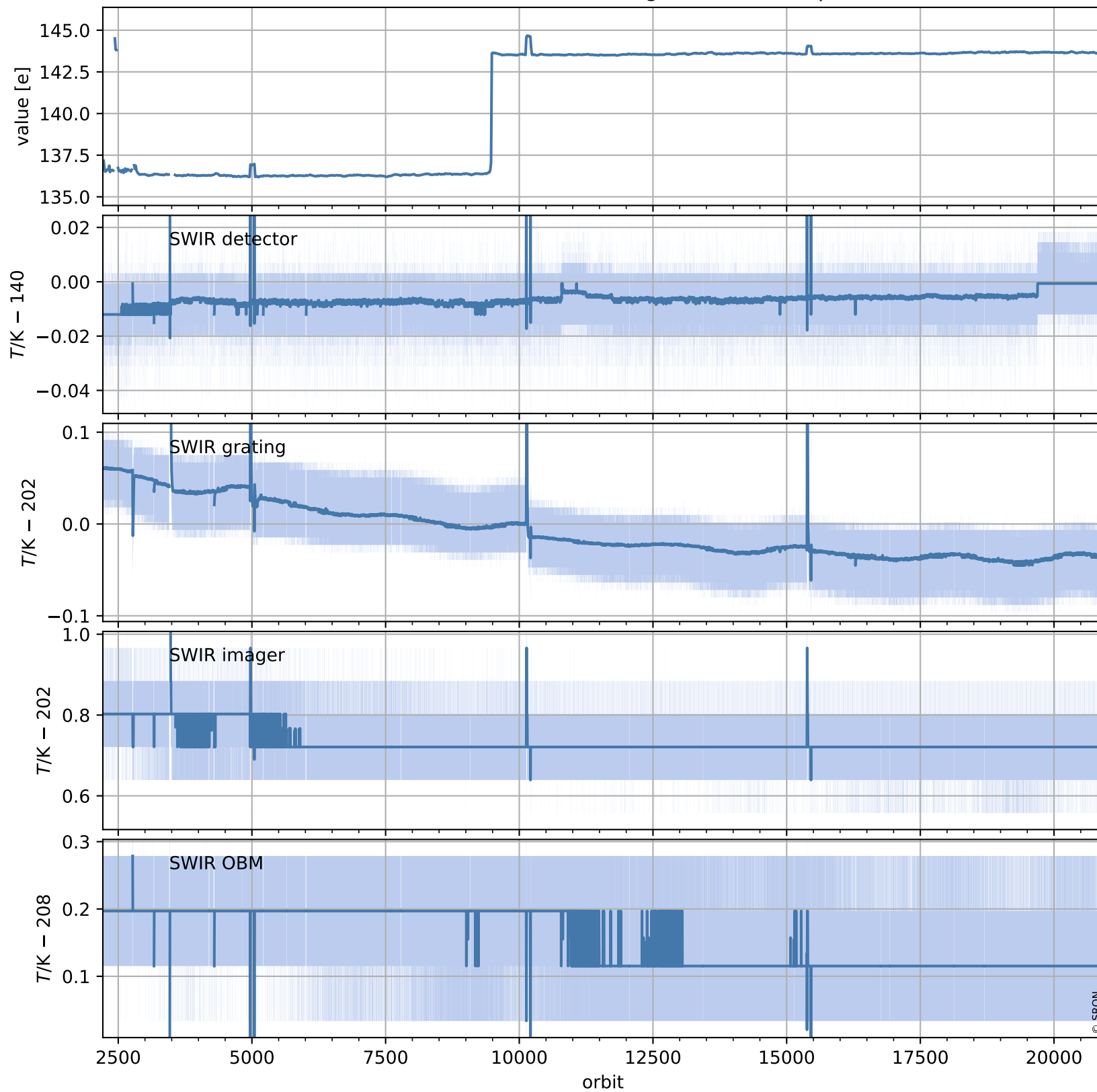
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20917]
coverage : 2018-03-18 / 2021-10-26
created : 2023-08-21T16:14:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20917]
coverage : 2018-03-18 / 2021-10-26
created : 2023-08-21T16:14:27

trend of normalized read-noise & temperatures

