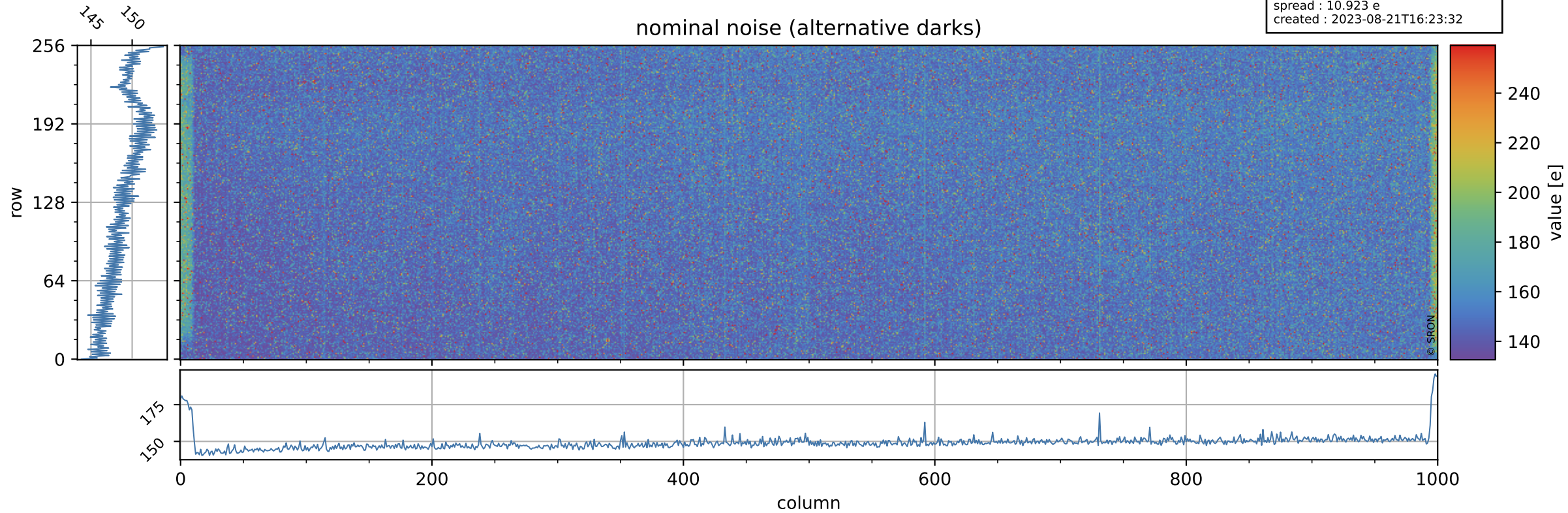


Tropomi SWIR background noise (swir)

orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 10.923 e
created : 2023-08-21T16:23:32

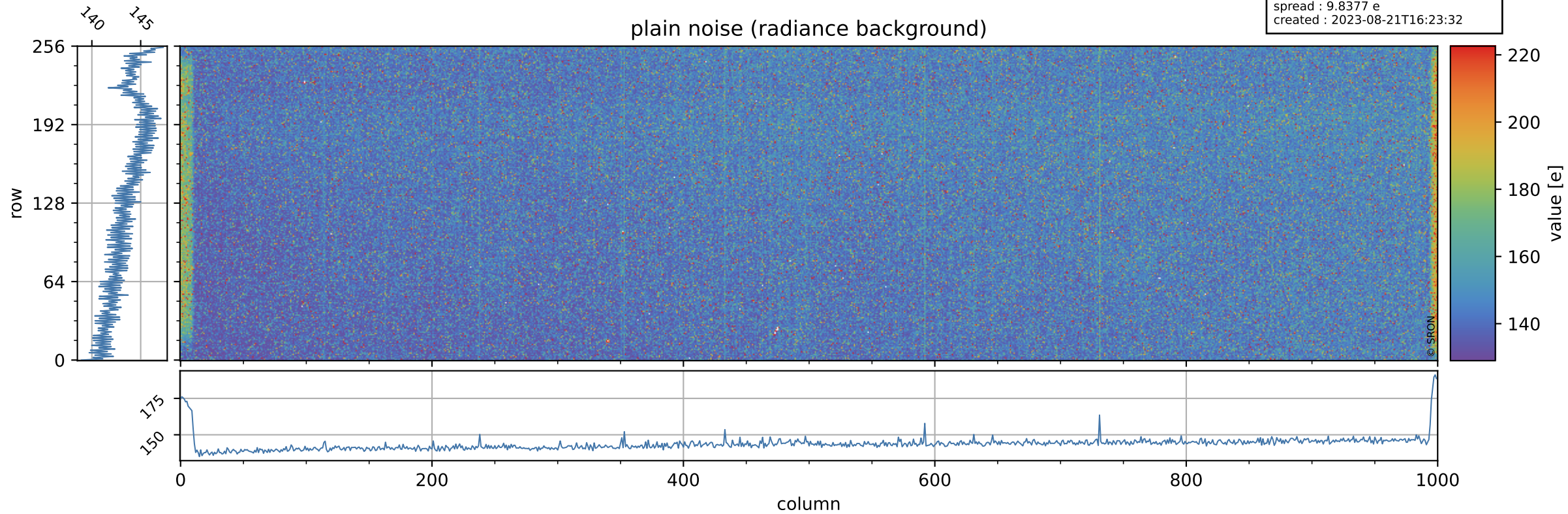
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8377 e
created : 2023-08-21T16:23:32

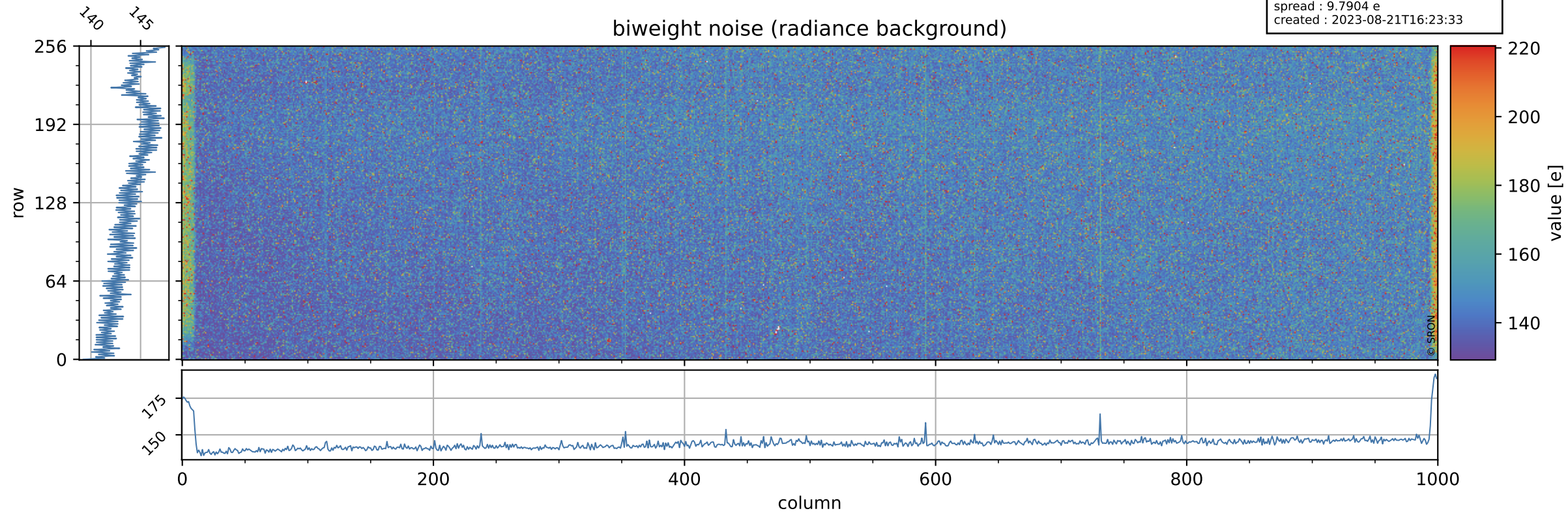
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.7904 e
created : 2023-08-21T16:23:33

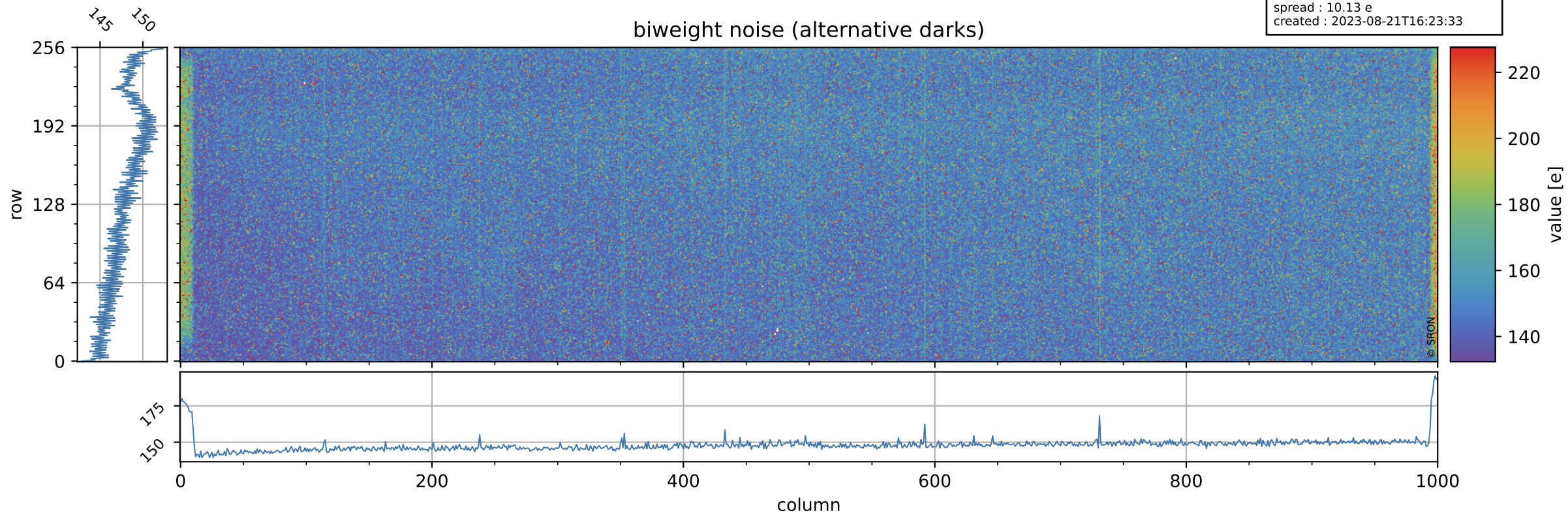
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.13 e
created : 2023-08-21T16:23:33

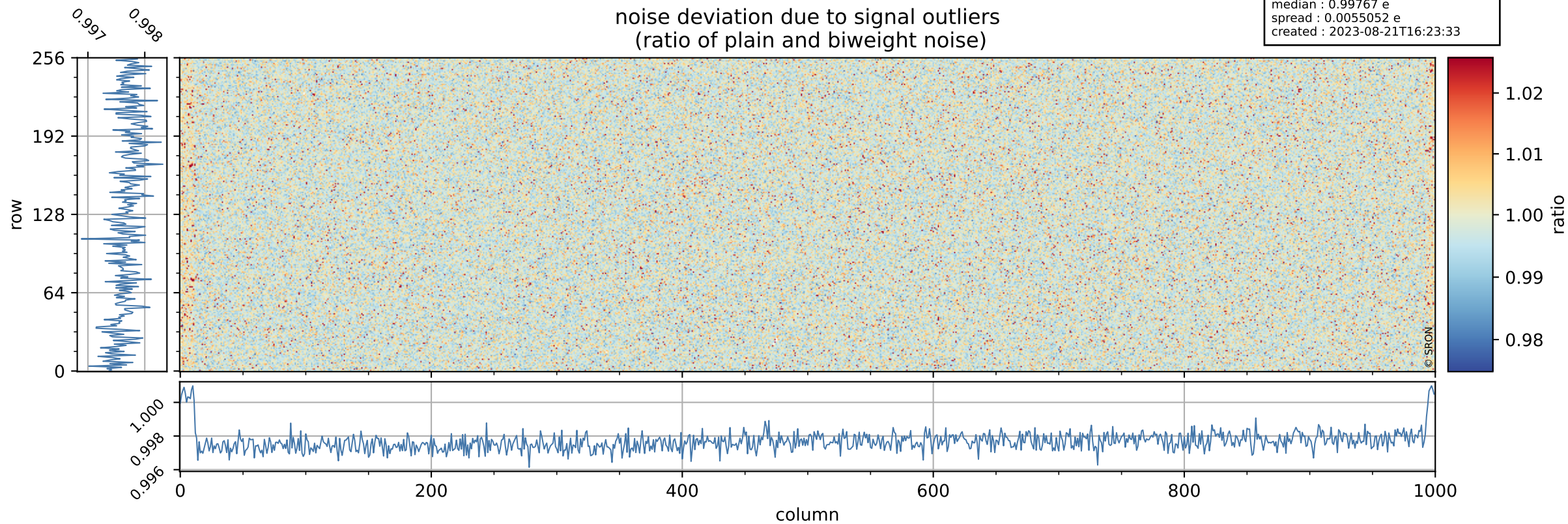
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

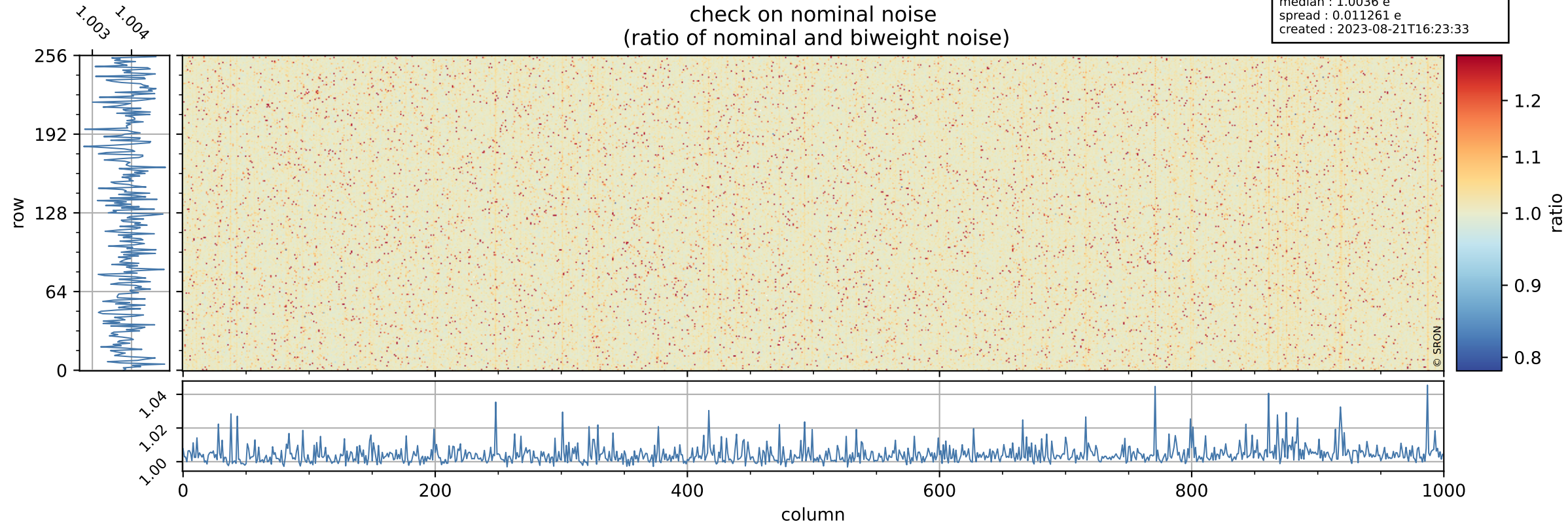
orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
median : 0.99767 e
spread : 0.0055052 e
created : 2023-08-21T16:23:33



Tropomi SWIR background noise (swir)

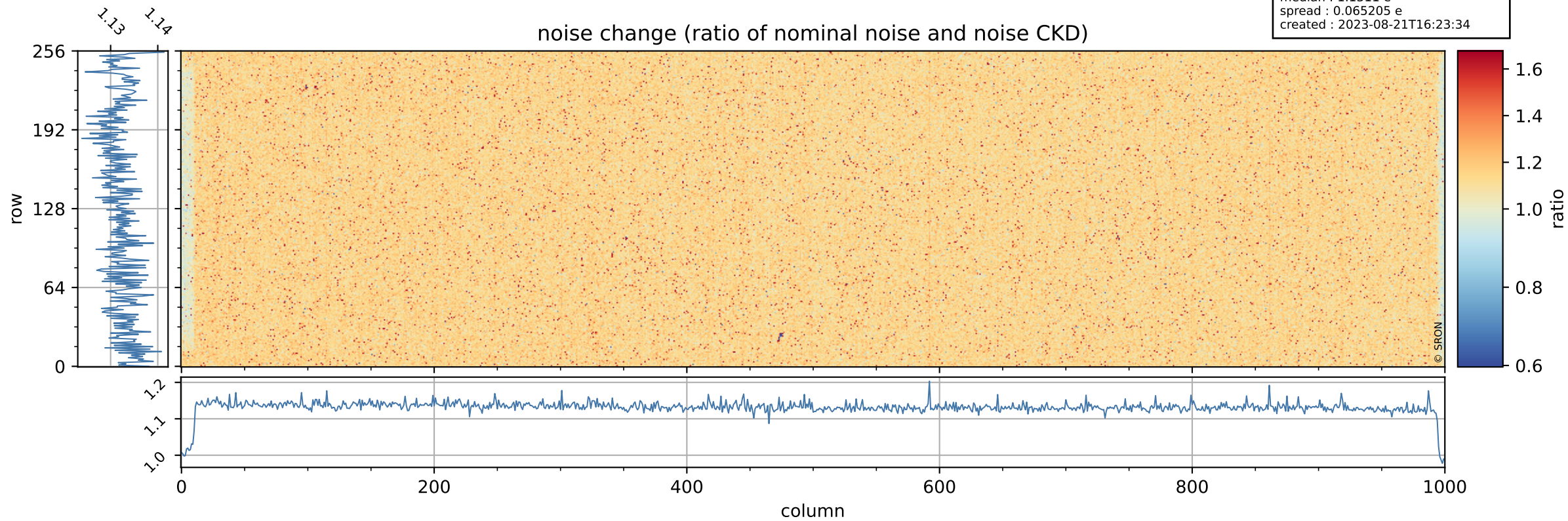
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
median : 1.0036 e
spread : 0.011261 e
created : 2023-08-21T16:23:33



Tropomi SWIR background noise (swir)

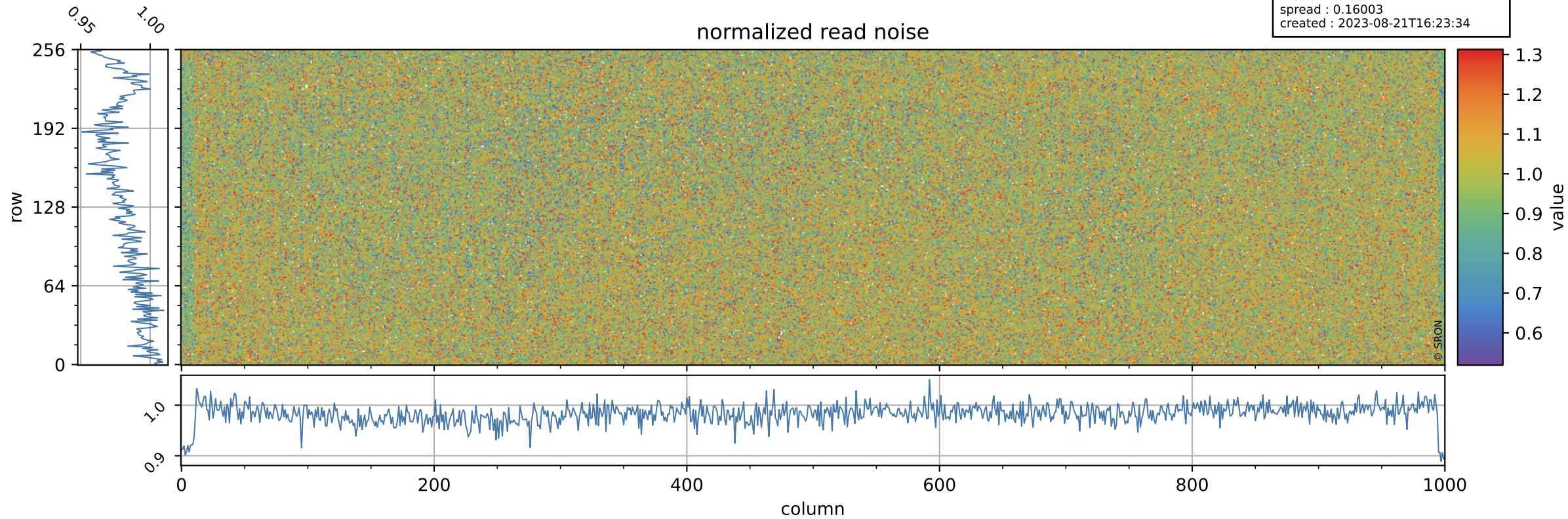
orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
median : 1.1311 e
spread : 0.065205 e
created : 2023-08-21T16:23:34



Tropomi SWIR background noise (swir)

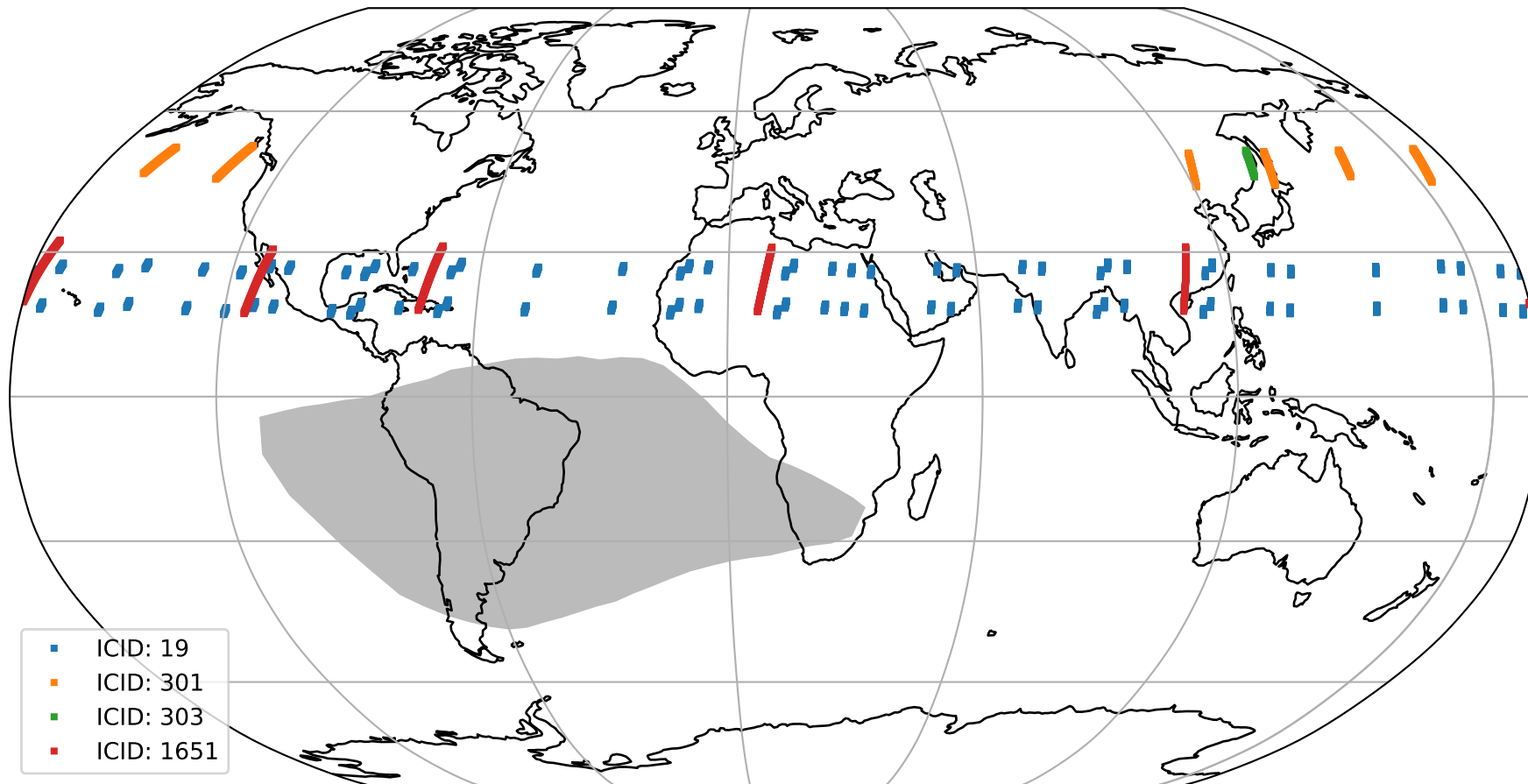
orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
median : 0.98174
spread : 0.16003
created : 2023-08-21T16:23:34

normalized read noise



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

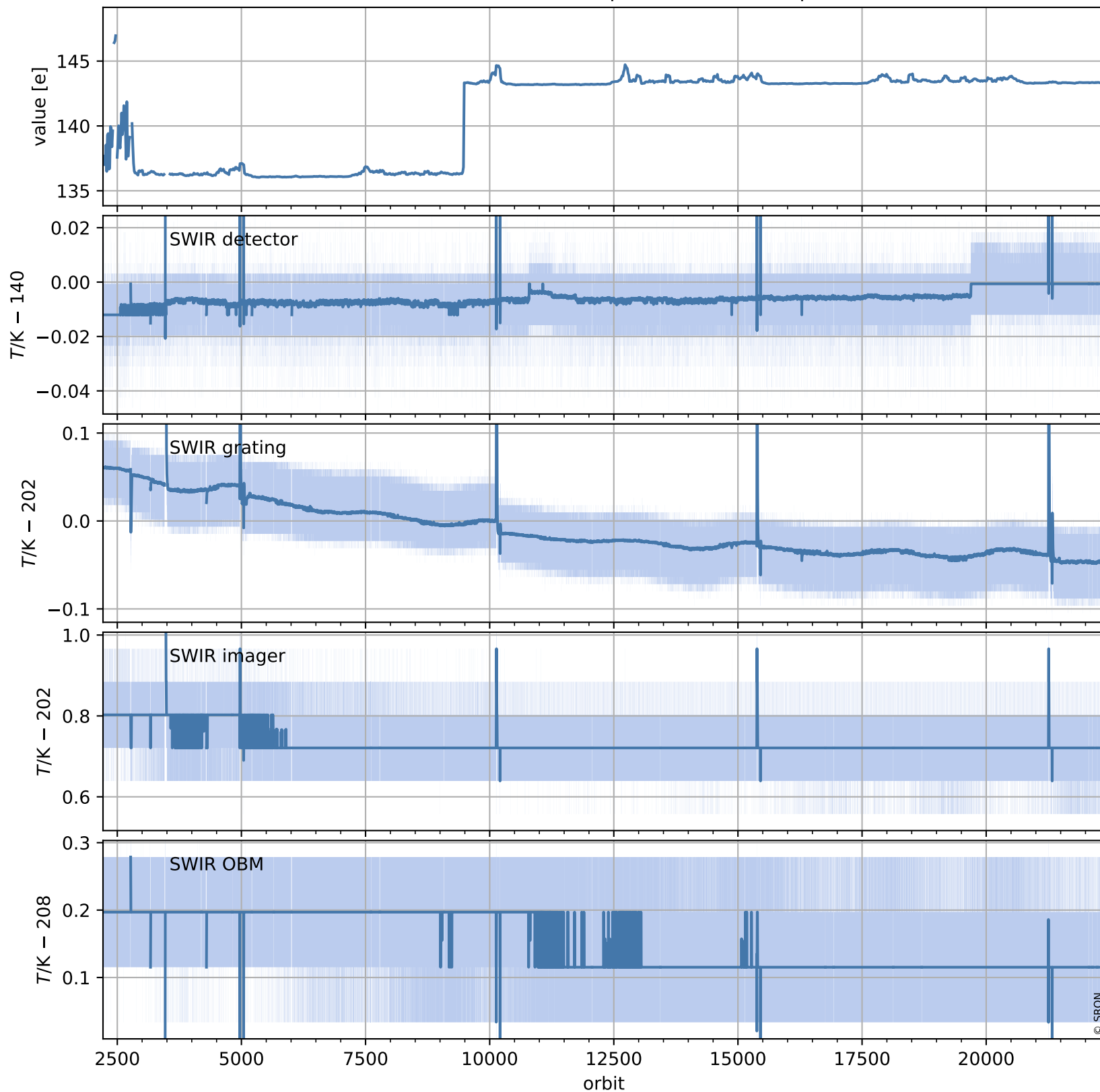
orbits : 12 in [22297, 22387]
coverage : 2022-02-01 / 2022-02-07
created : 2023-08-21T16:23:34



Tropomi SWIR background noise (swir)

orbits : [2212, 22387]
coverage : 2018-03-18 / 2022-02-07
created : 2023-08-21T16:23:35

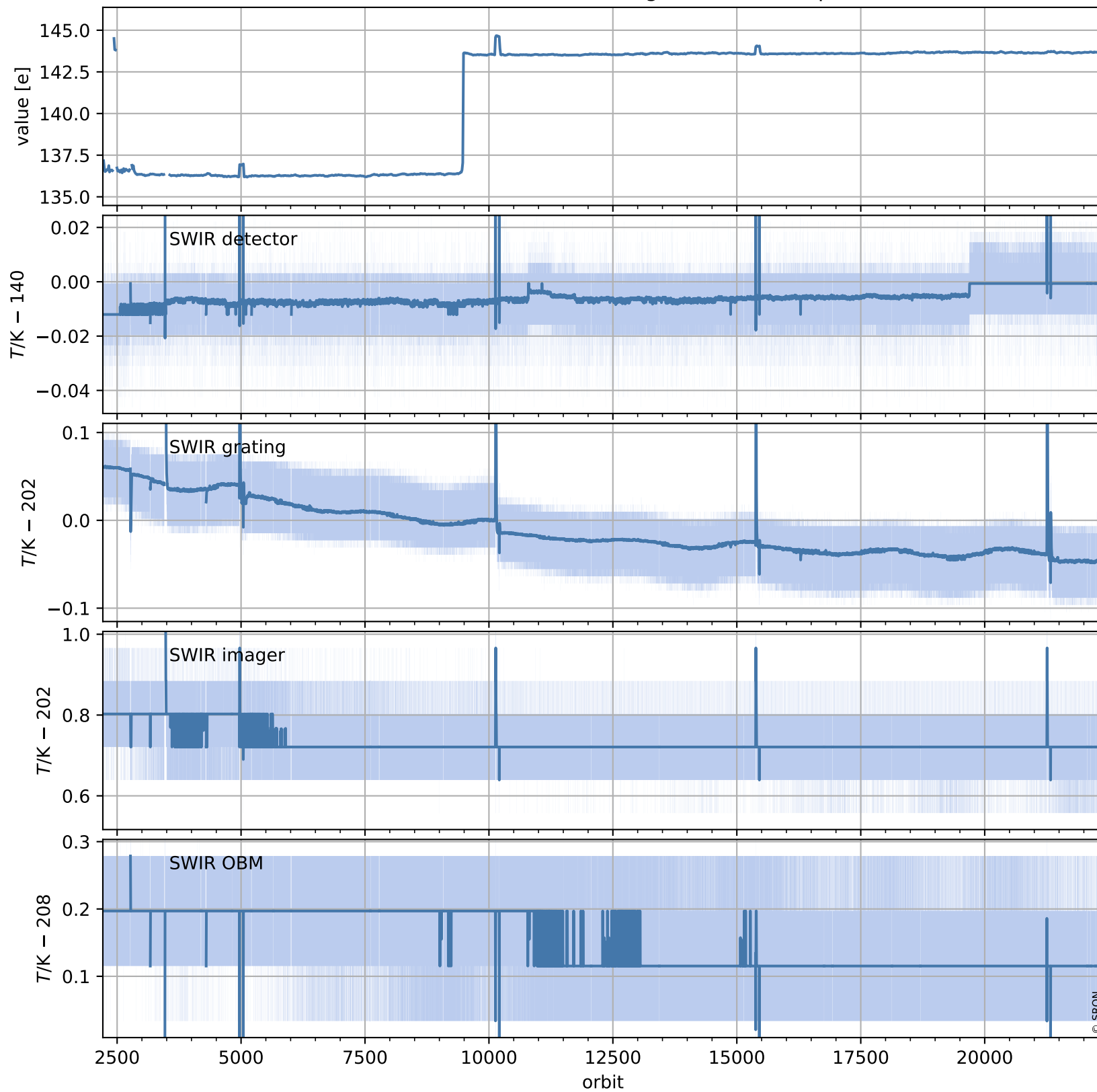
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22387]
coverage : 2018-03-18 / 2022-02-07
created : 2023-08-21T16:23:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22387]
coverage : 2018-03-18 / 2022-02-07
created : 2023-08-21T16:23:36

trend of normalized read-noise & temperatures

