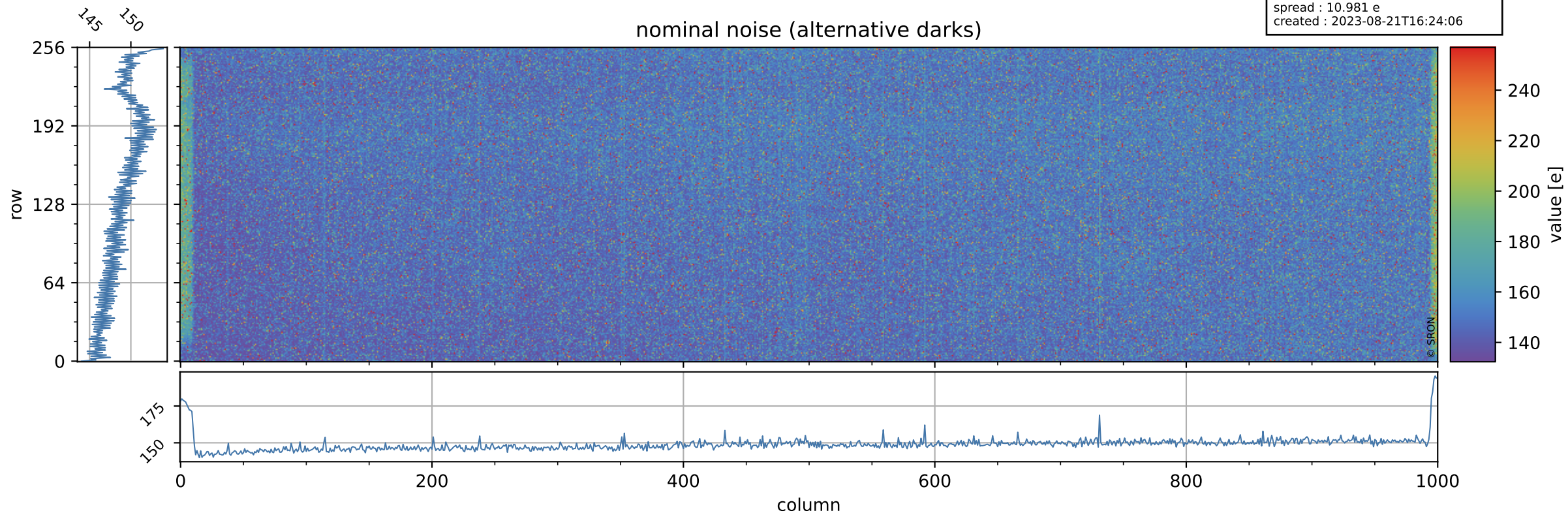


Tropomi SWIR background noise (swir)

orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.981 e
created : 2023-08-21T16:24:06

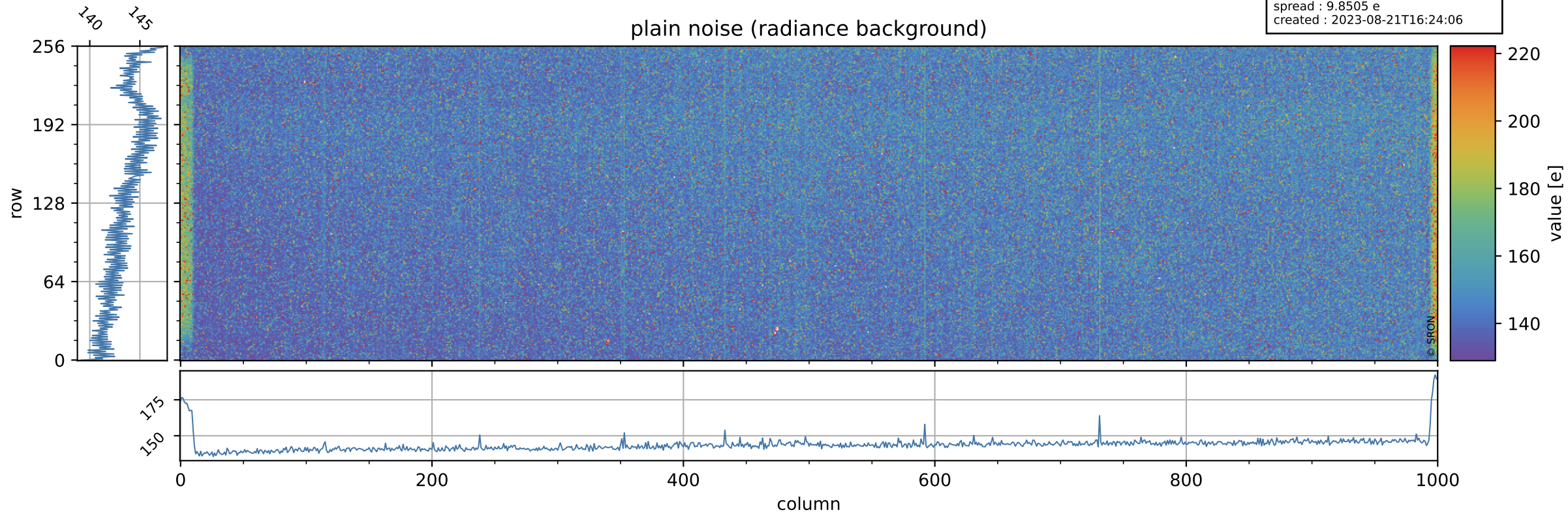
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8505 e
created : 2023-08-21T16:24:06

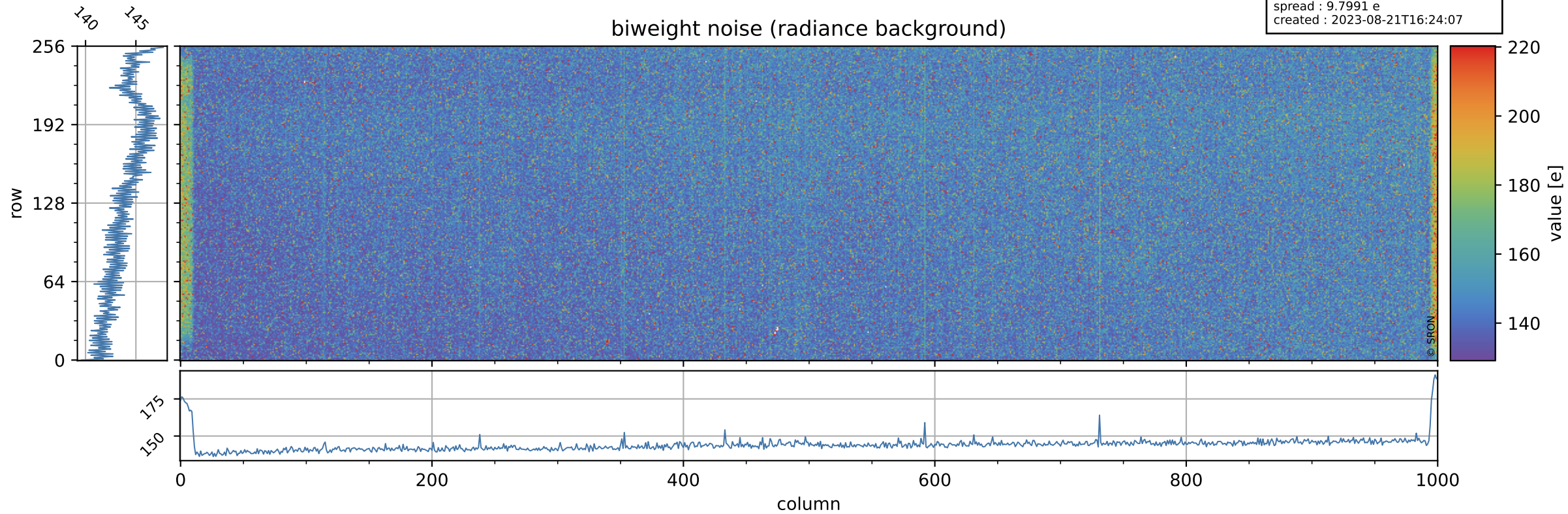
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.7991 e
created : 2023-08-21T16:24:07

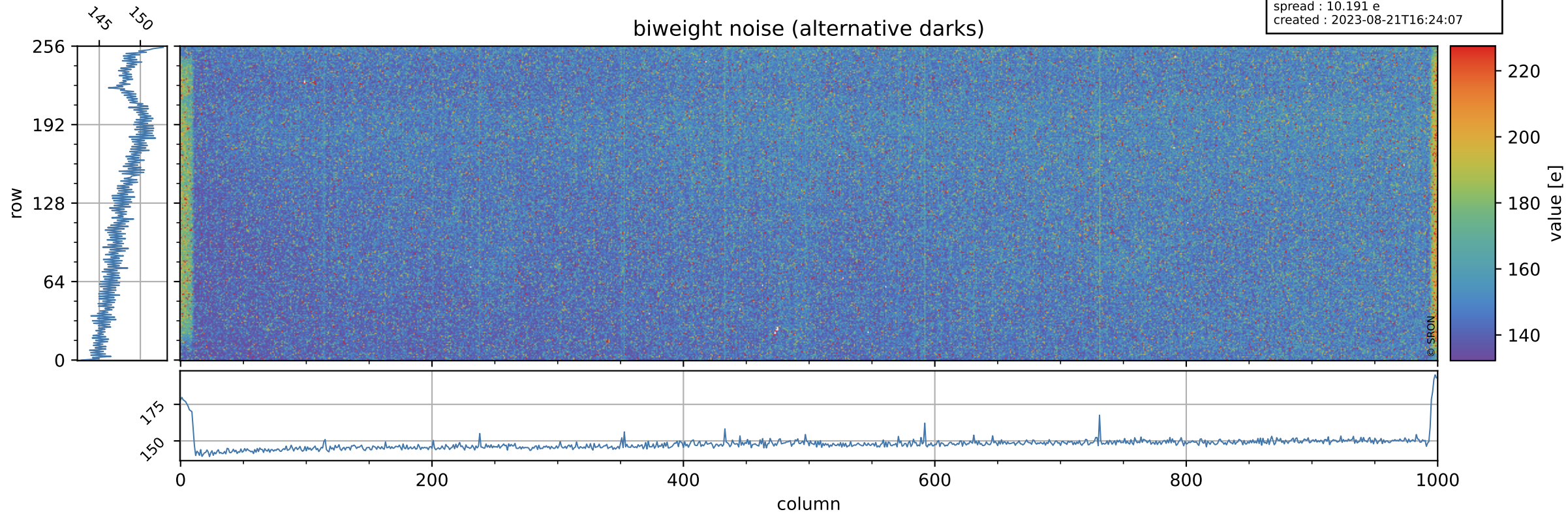
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.191 e
created : 2023-08-21T16:24:07

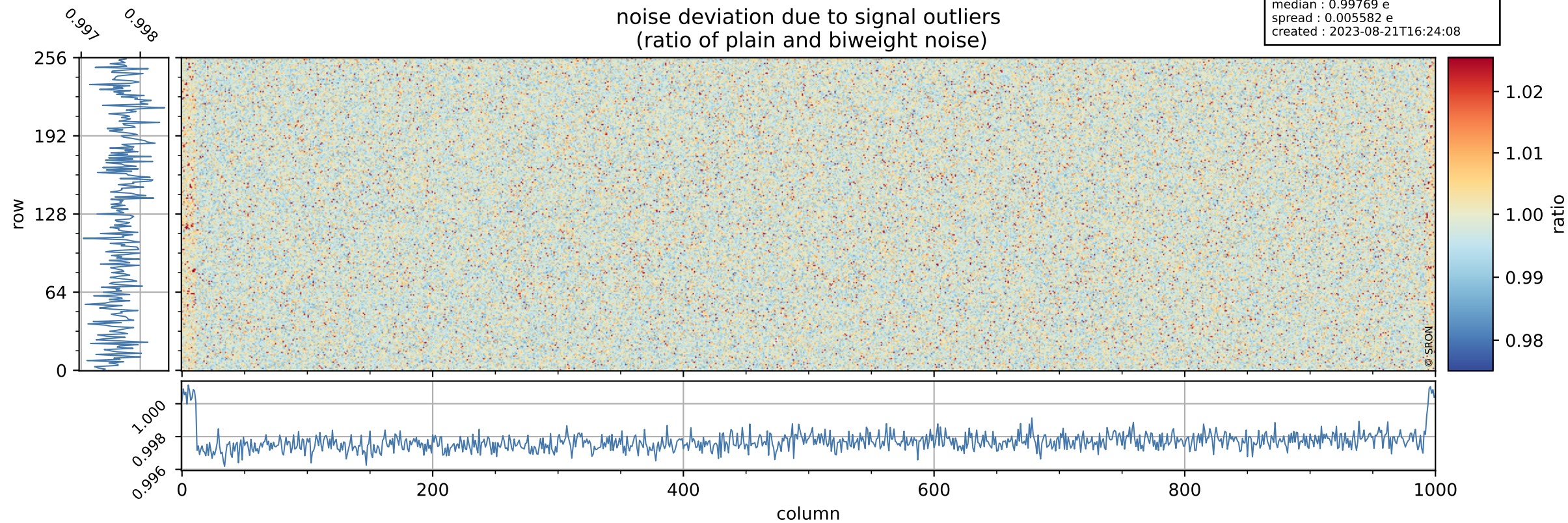
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

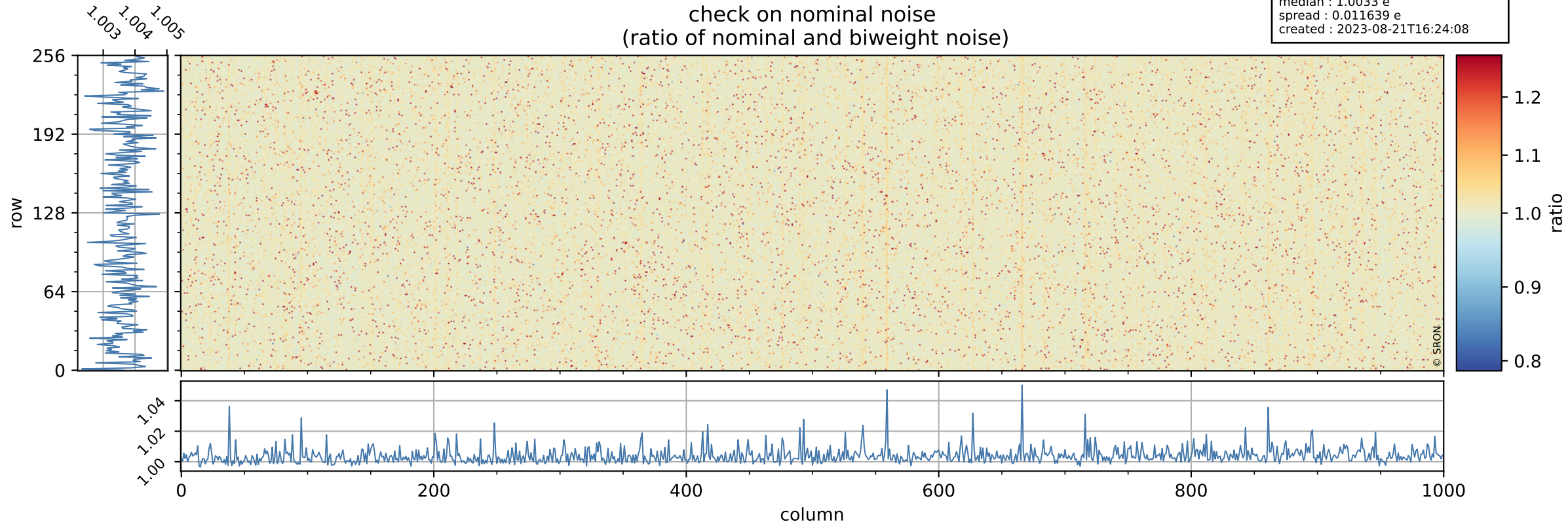
orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
median : 0.99769 e
spread : 0.005582 e
created : 2023-08-21T16:24:08



Tropomi SWIR background noise (swir)

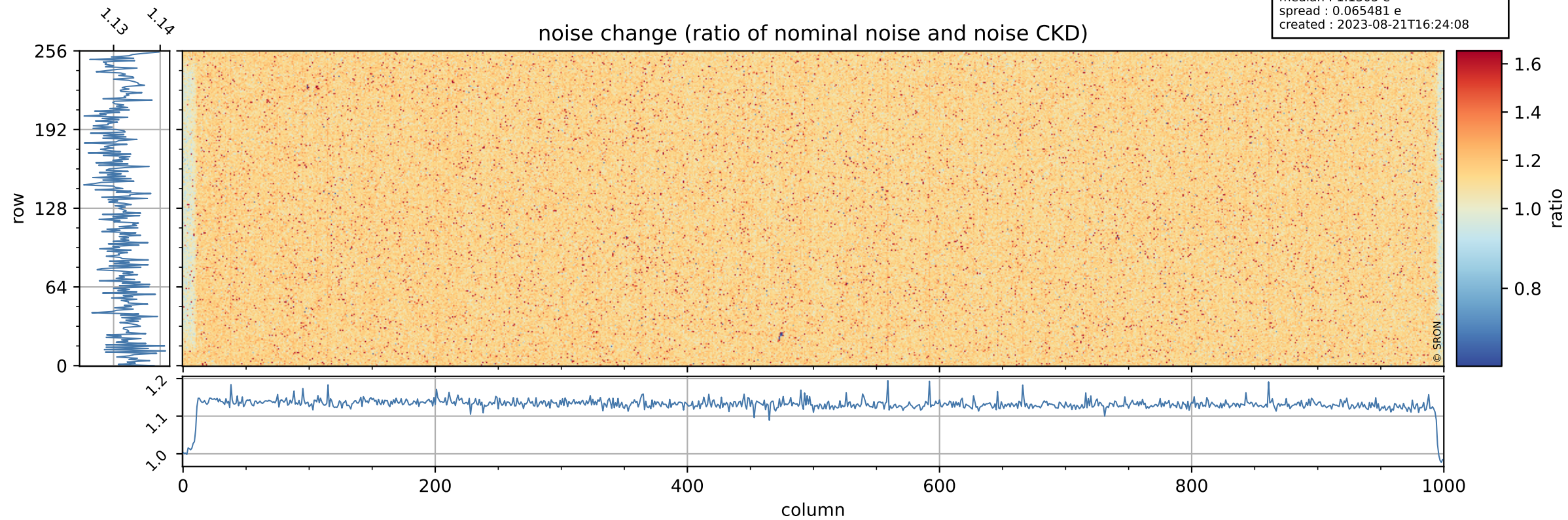
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
median : 1.0033 e
spread : 0.011639 e
created : 2023-08-21T16:24:08



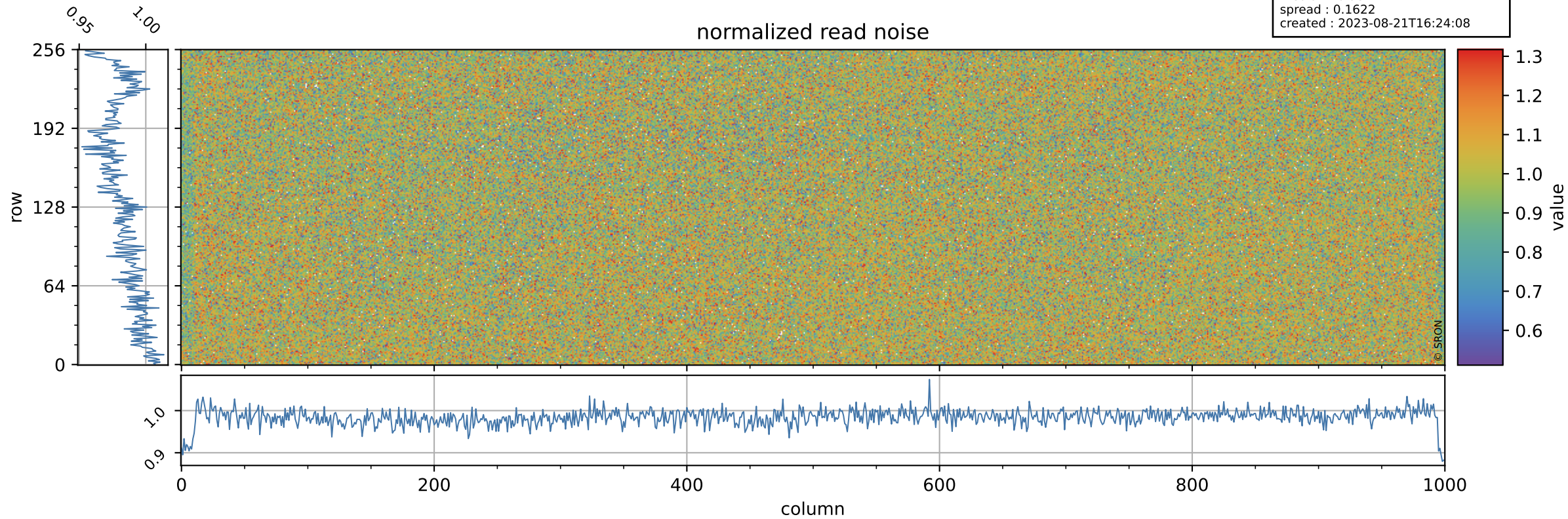
Tropomi SWIR background noise (swir)

orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
median : 1.1305 e
spread : 0.065481 e
created : 2023-08-21T16:24:08



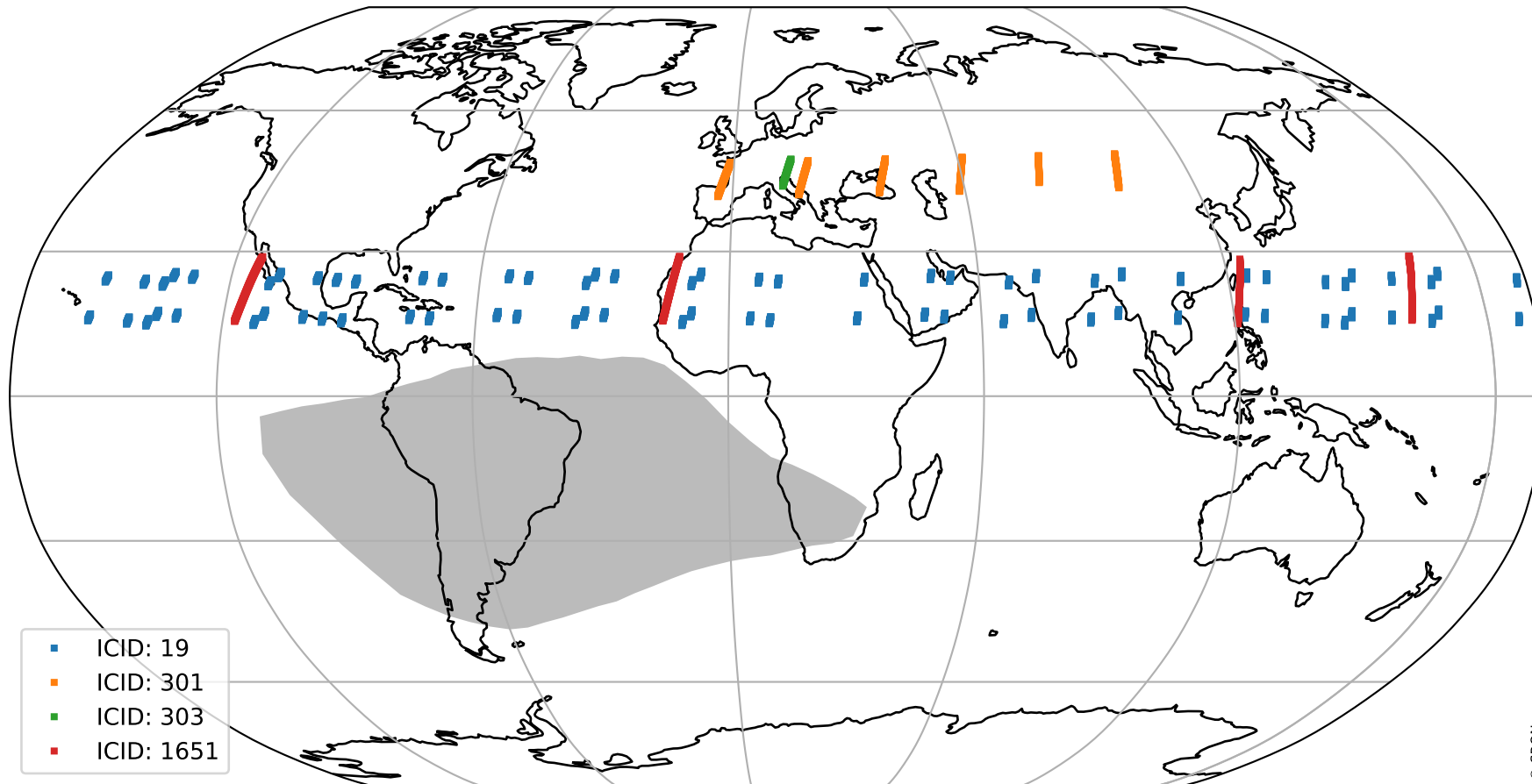
Tropomi SWIR background noise (swir)

orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
median : 0.98272
spread : 0.1622
created : 2023-08-21T16:24:08



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

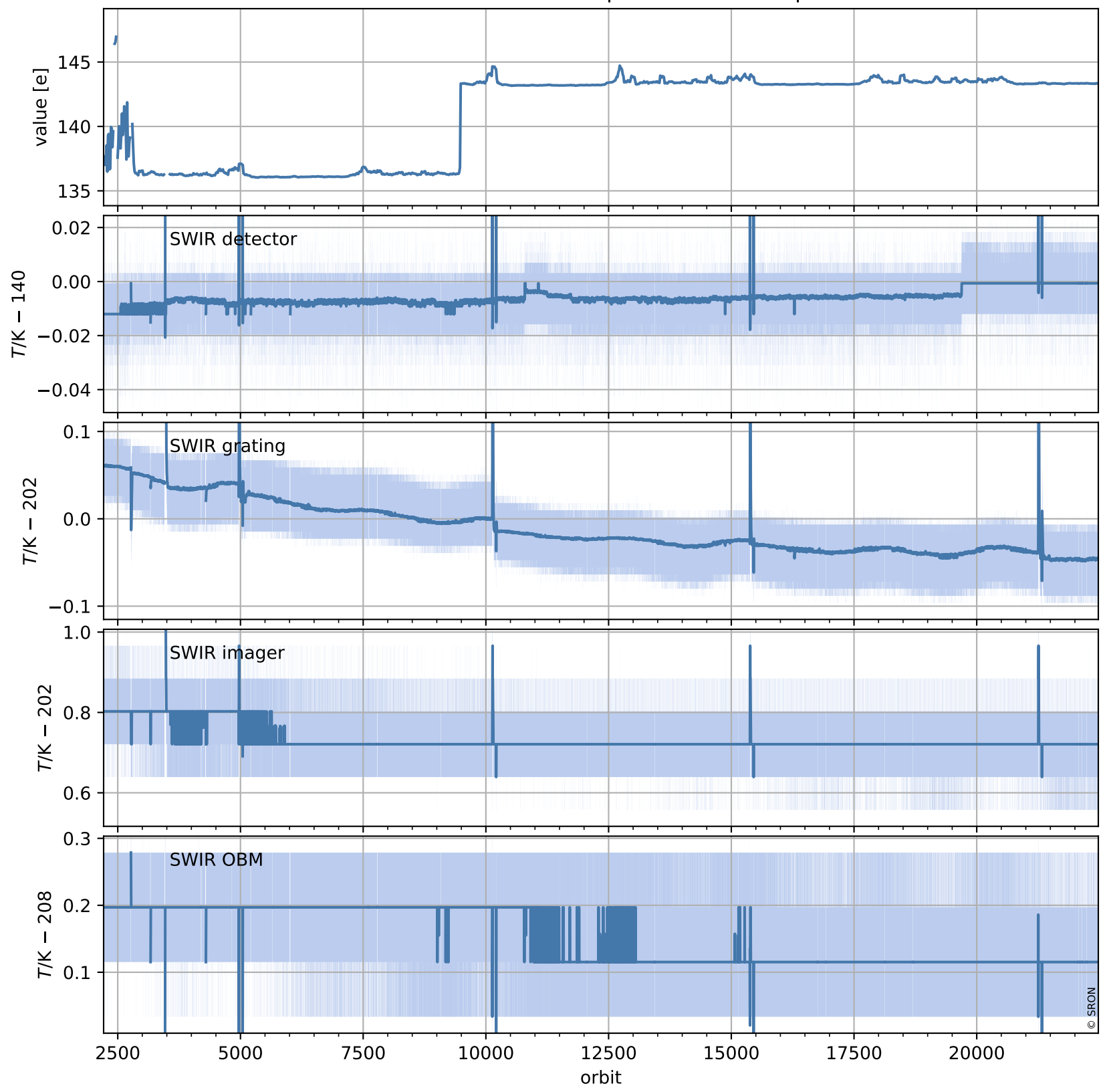
orbits : 11 in [22387, 22477]
coverage : 2022-02-07 / 2022-02-13
created : 2023-08-21T16:24:09



Tropomi SWIR background noise (swir)

orbits : [2212, 22477]
coverage : 2018-03-18 / 2022-02-13
created : 2023-08-21T16:24:09

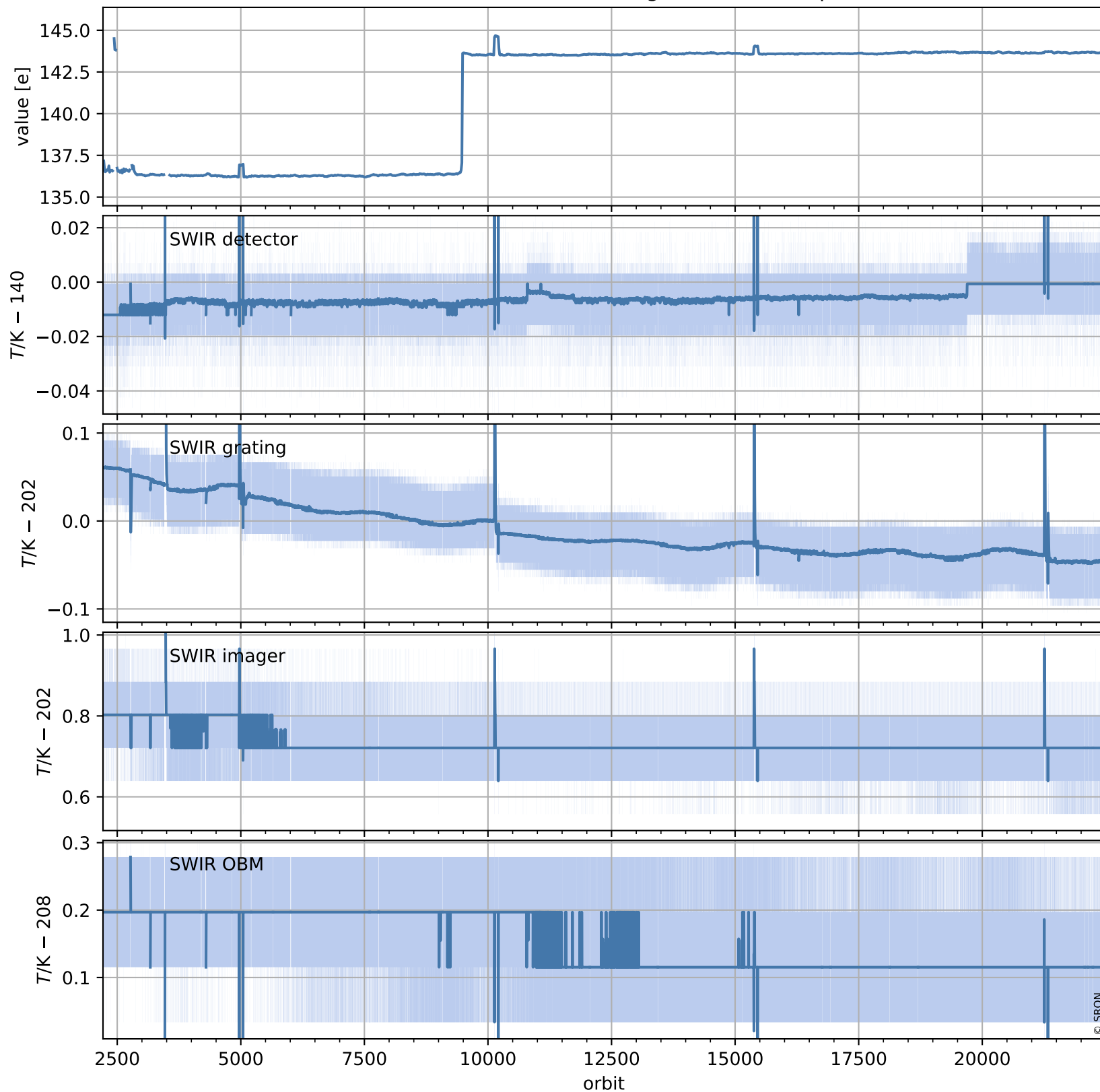
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22477]
coverage : 2018-03-18 / 2022-02-13
created : 2023-08-21T16:24:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22477]
coverage : 2018-03-18 / 2022-02-13
created : 2023-08-21T16:24:11

trend of normalized read-noise & temperatures

