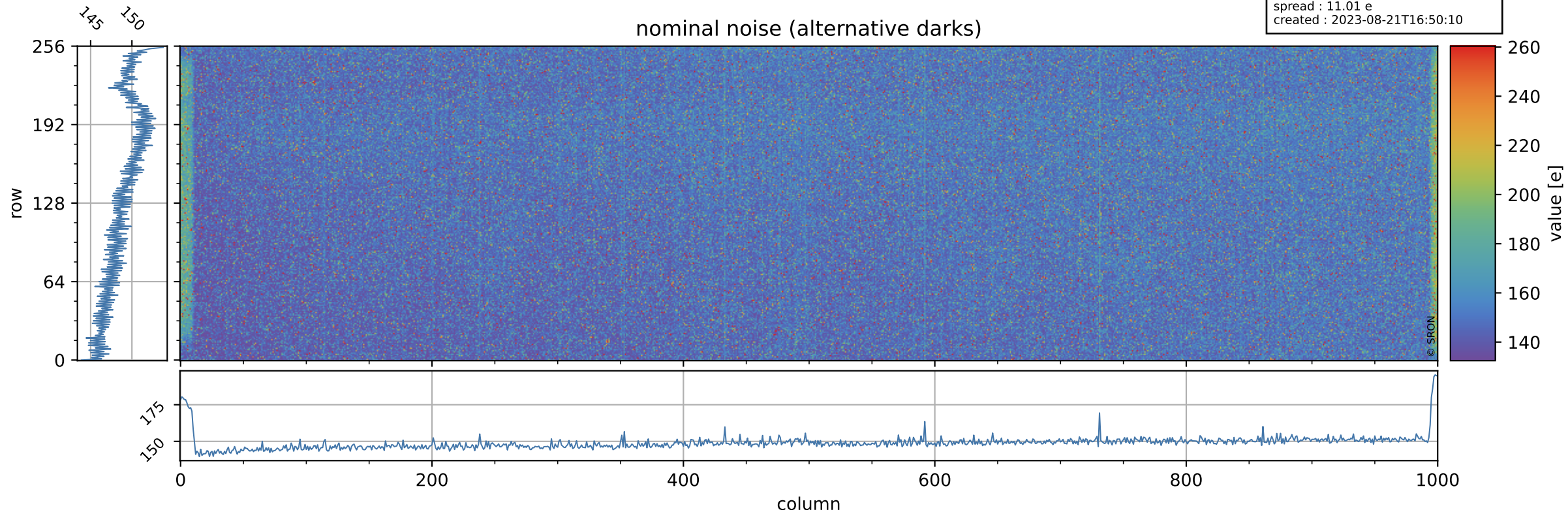


Tropomi SWIR background noise (swir)

orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.01 e
created : 2023-08-21T16:50:10

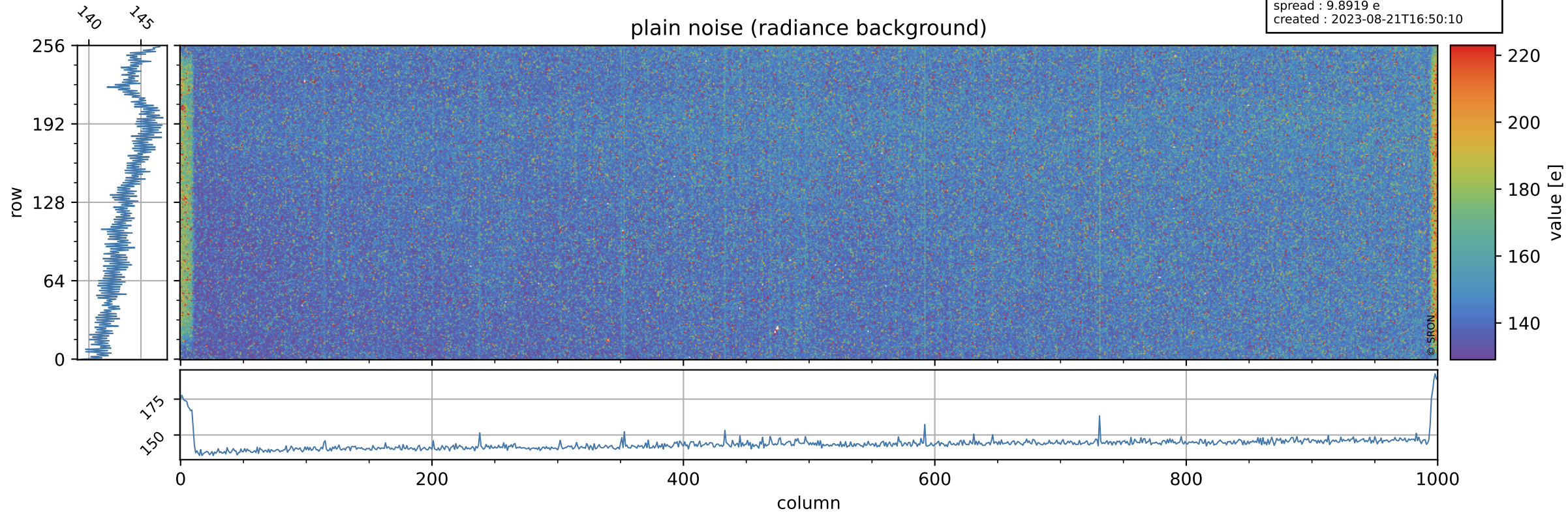
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8919 e
created : 2023-08-21T16:50:10

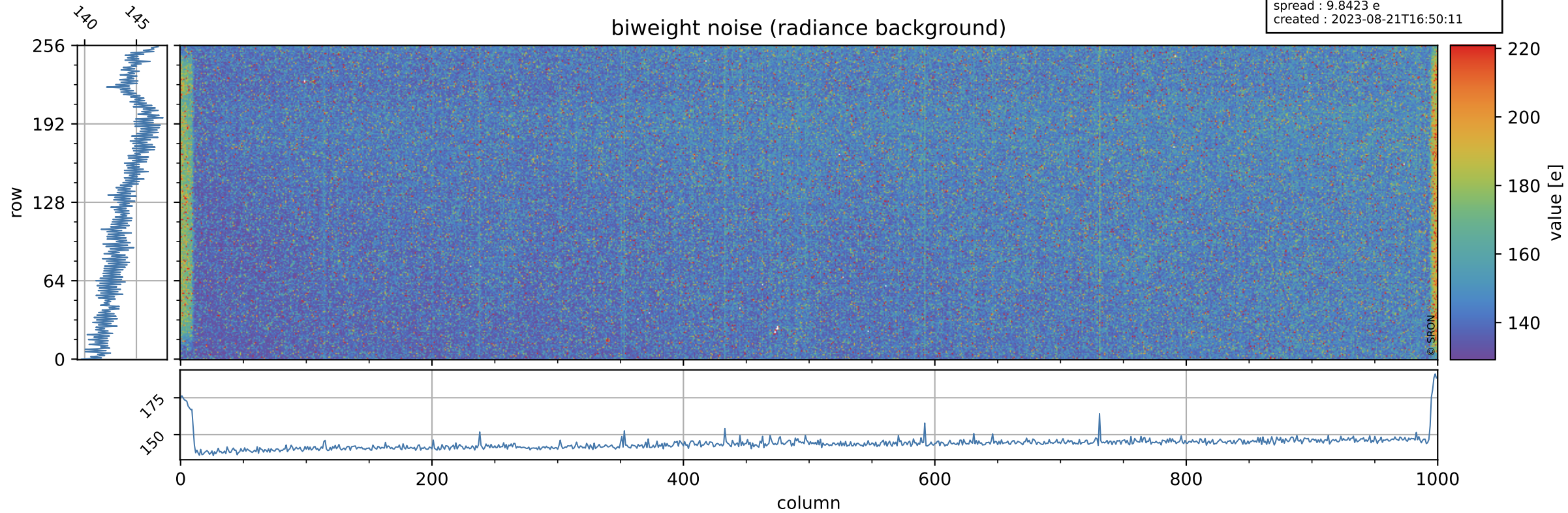
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8423 e
created : 2023-08-21T16:50:11

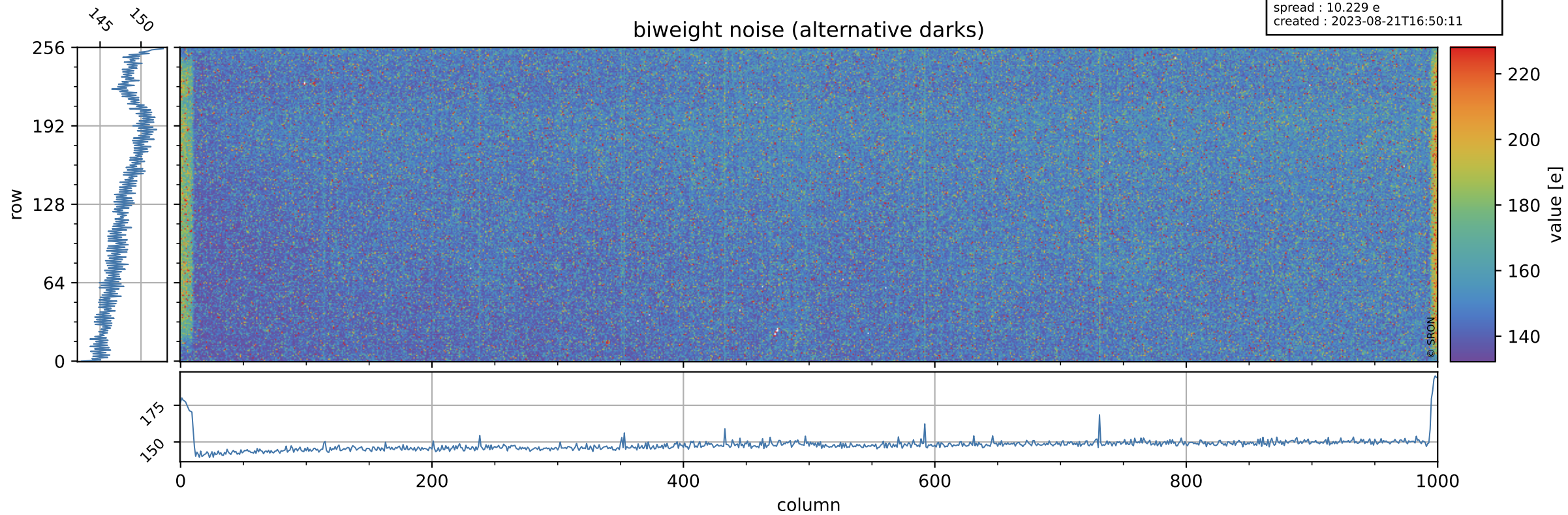
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.229 e
created : 2023-08-21T16:50:11

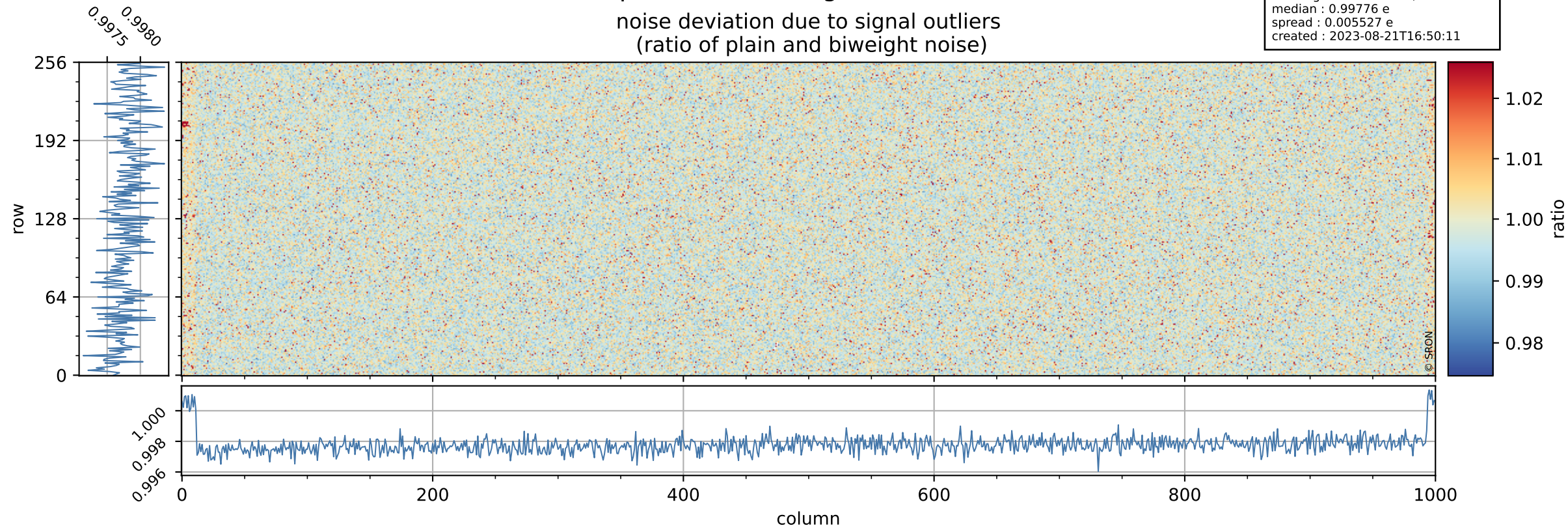
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

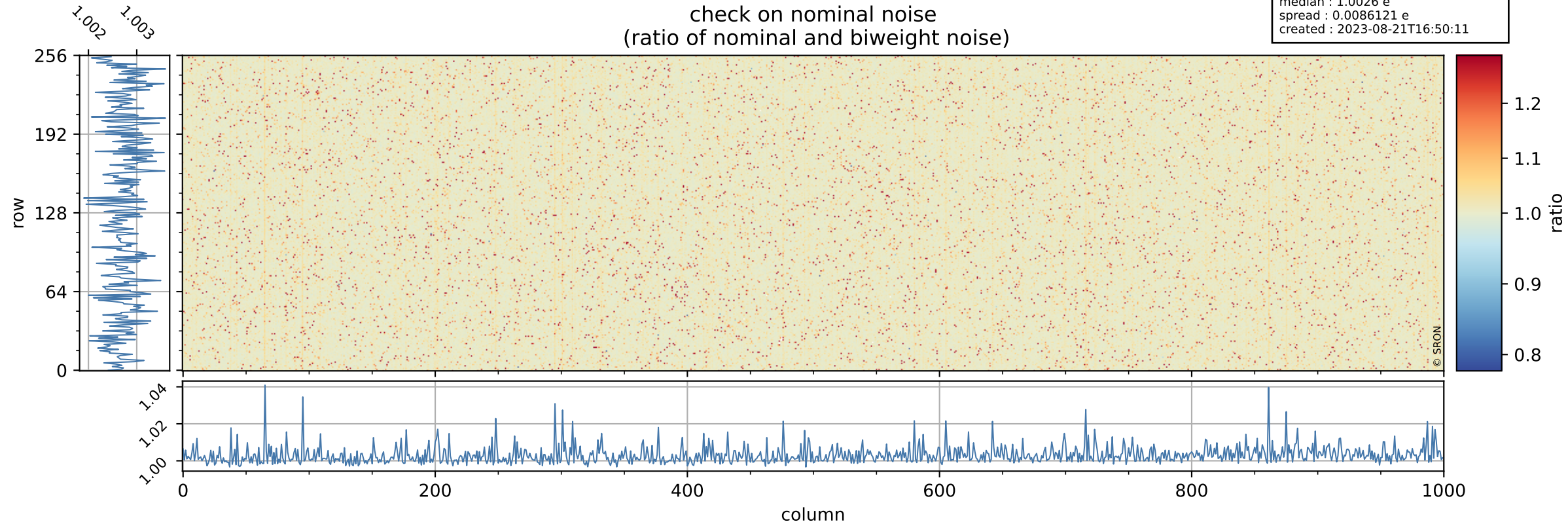
orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
median : 0.99776 e
spread : 0.005527 e
created : 2023-08-21T16:50:11



Tropomi SWIR background noise (swir)

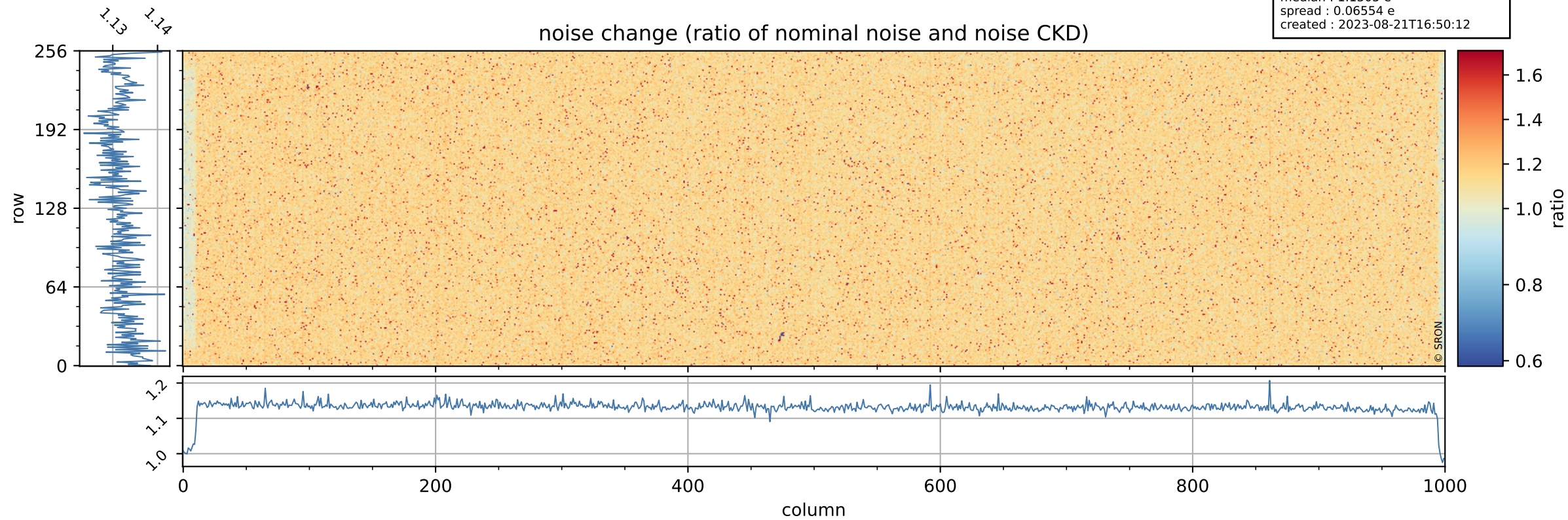
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
median : 1.0026 e
spread : 0.0086121 e
created : 2023-08-21T16:50:11



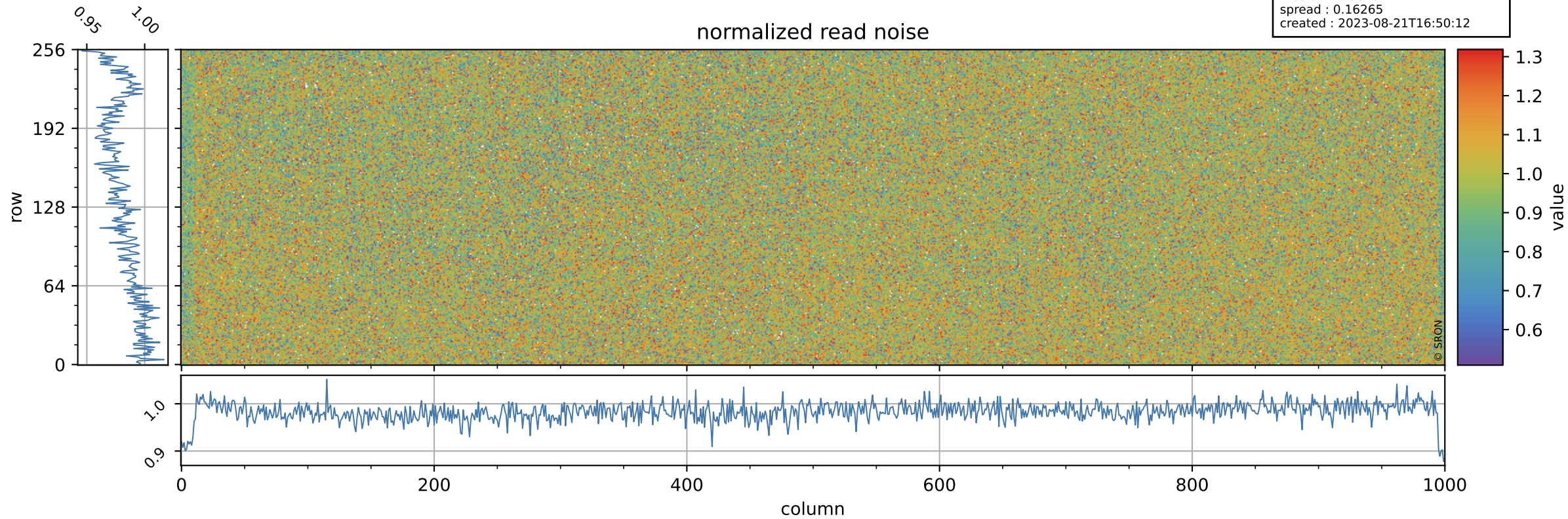
Tropomi SWIR background noise (swir)

orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
median : 1.1305 e
spread : 0.06554 e
created : 2023-08-21T16:50:12



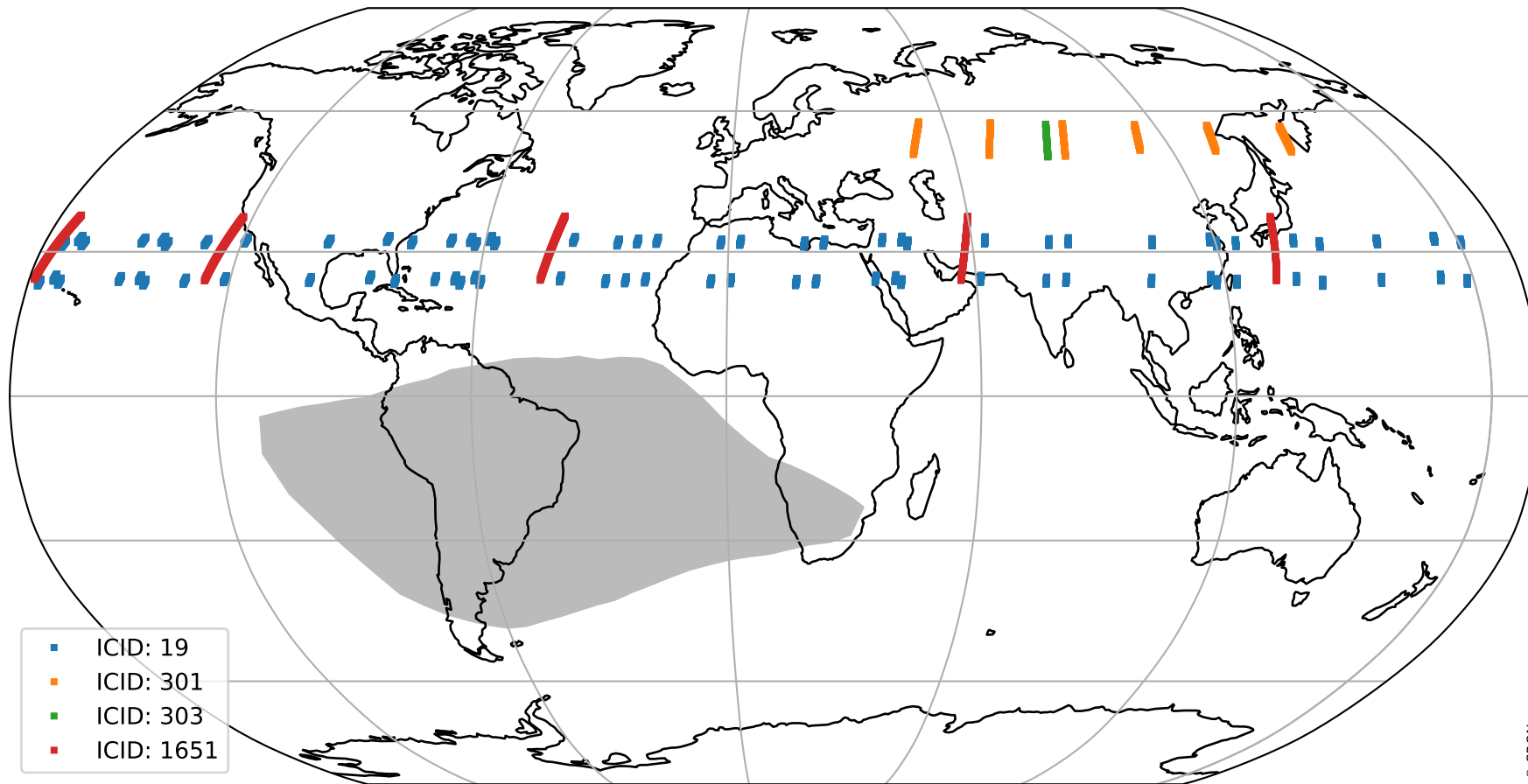
Tropomi SWIR background noise (swir)

orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
median : 0.98132
spread : 0.16265
created : 2023-08-21T16:50:12



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

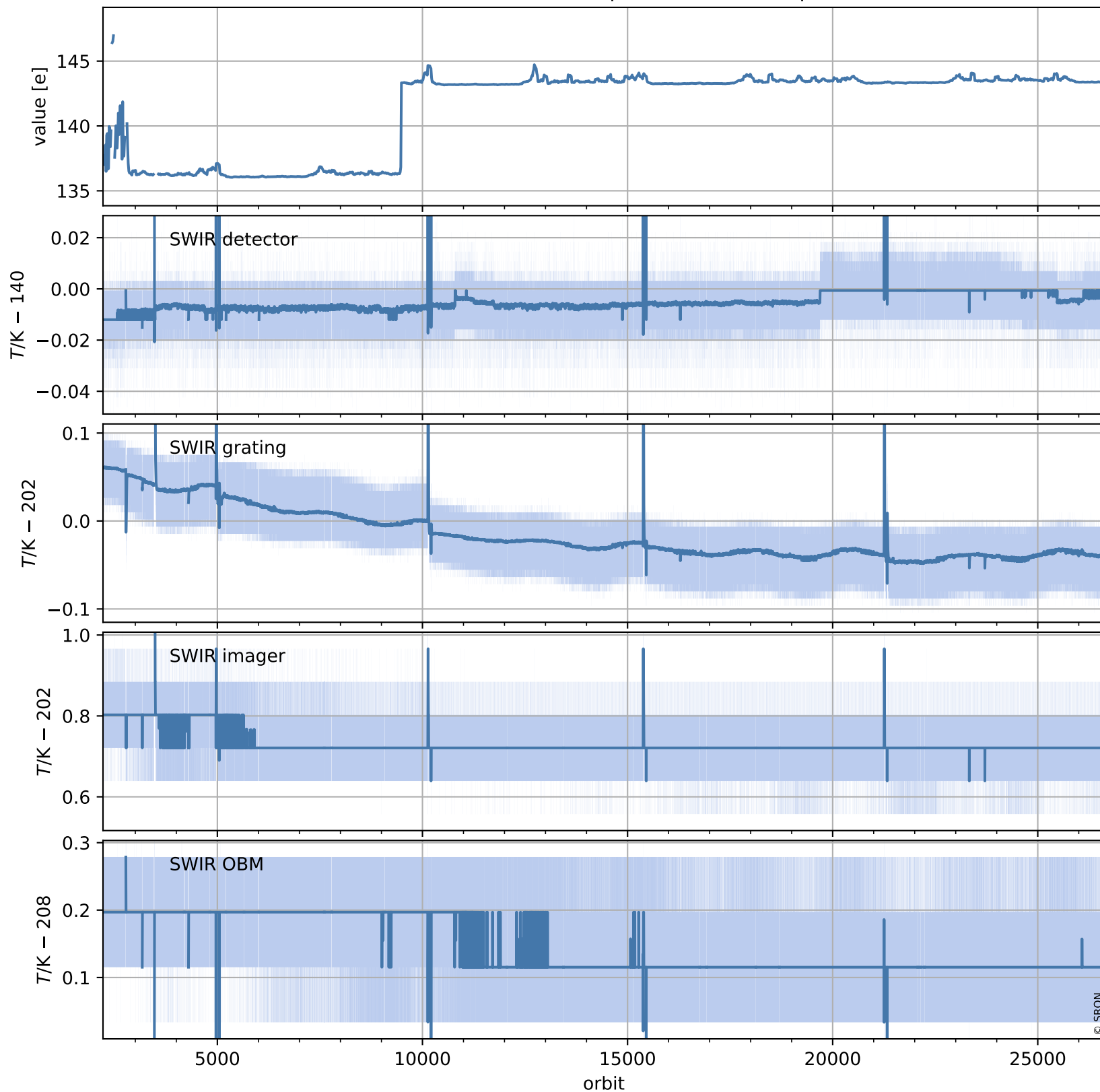
orbits : 12 in [26557, 26632]
coverage : 2022-11-27 / 2022-12-02
created : 2023-08-21T16:50:12



Tropomi SWIR background noise (swir)

orbits : [2212, 26632]
coverage : 2018-03-18 / 2022-12-02
created : 2023-08-21T16:50:12

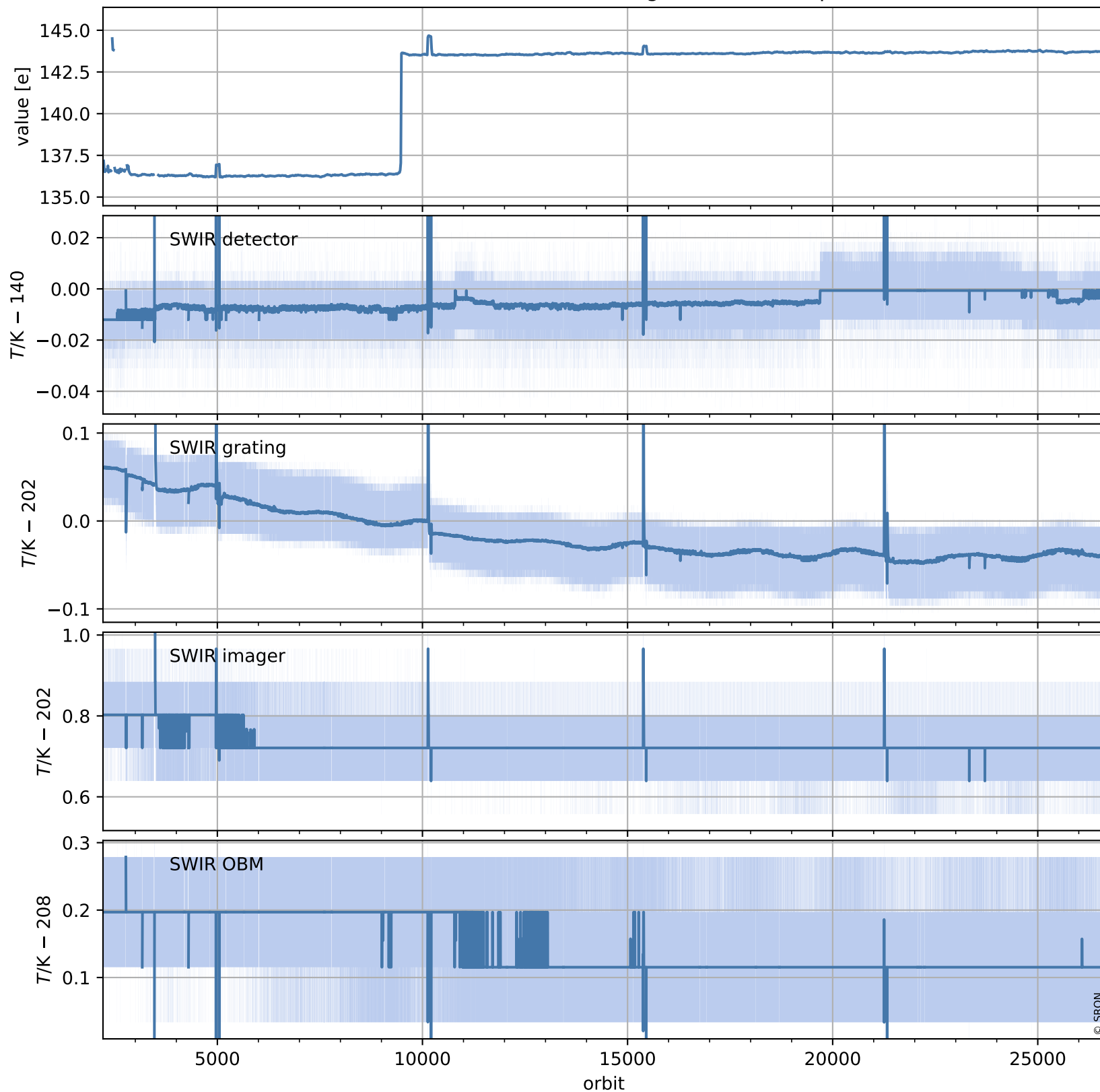
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26632]
coverage : 2018-03-18 / 2022-12-02
created : 2023-08-21T16:50:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26632]
coverage : 2018-03-18 / 2022-12-02
created : 2023-08-21T16:50:14

trend of normalized read-noise & temperatures

