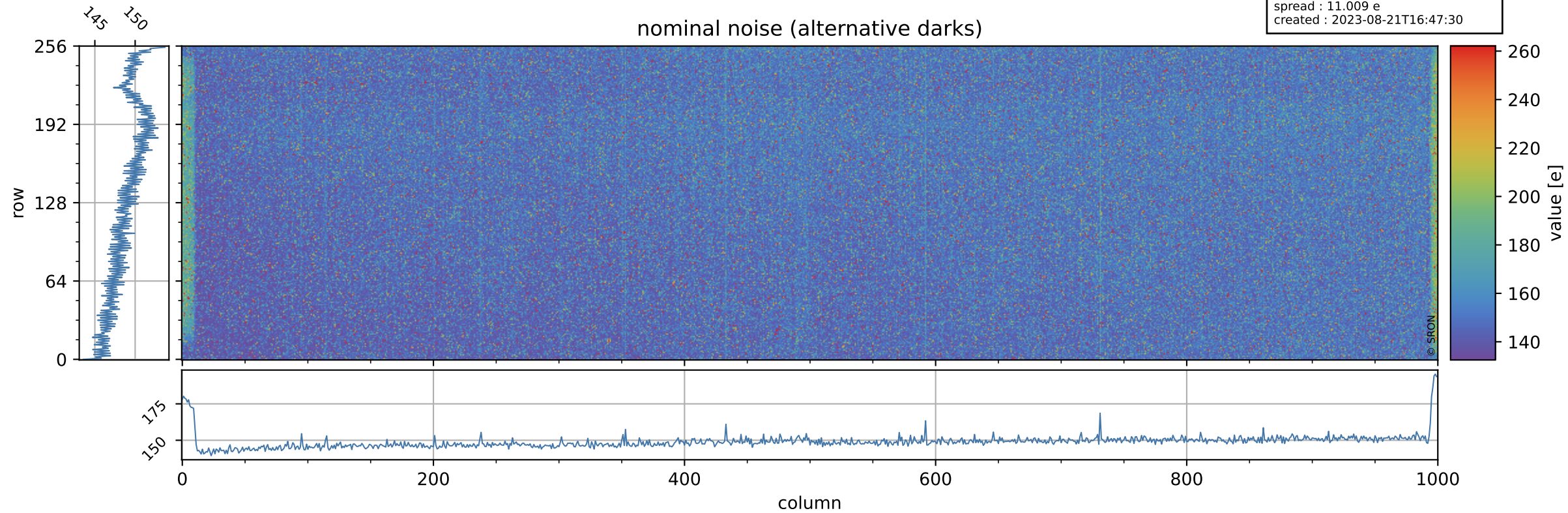


Tropomi SWIR background noise (swir)

orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 11.009 e
created : 2023-08-21T16:47:30

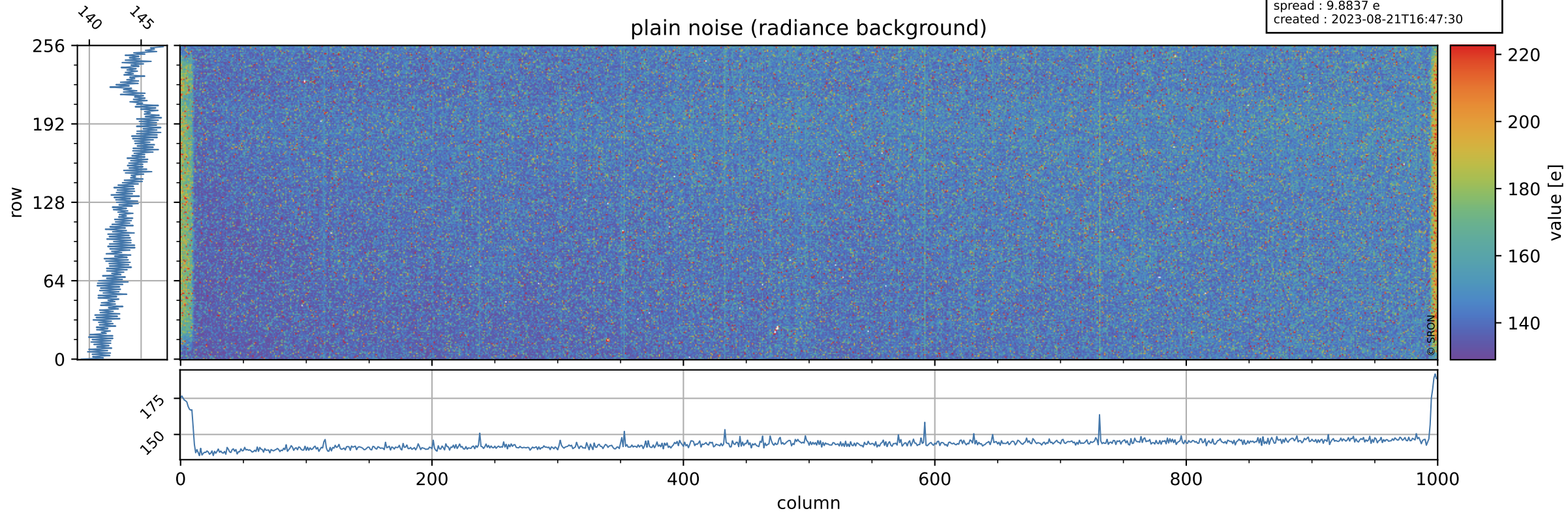
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8837 e
created : 2023-08-21T16:47:30

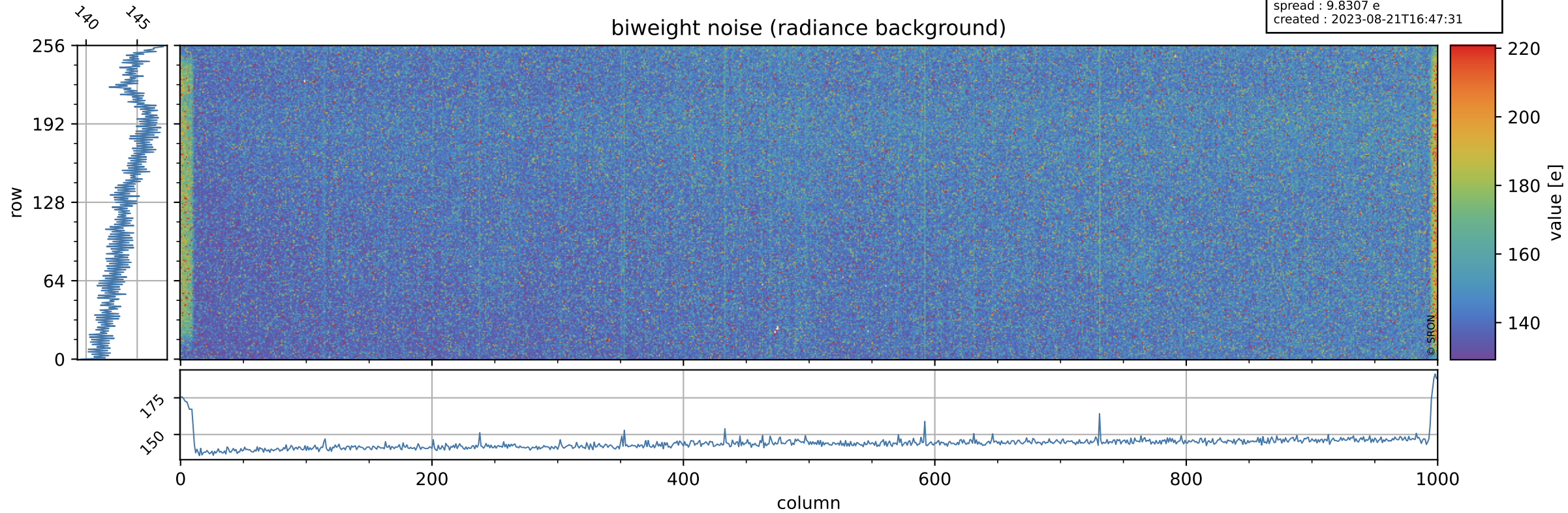
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8307 e
created : 2023-08-21T16:47:31

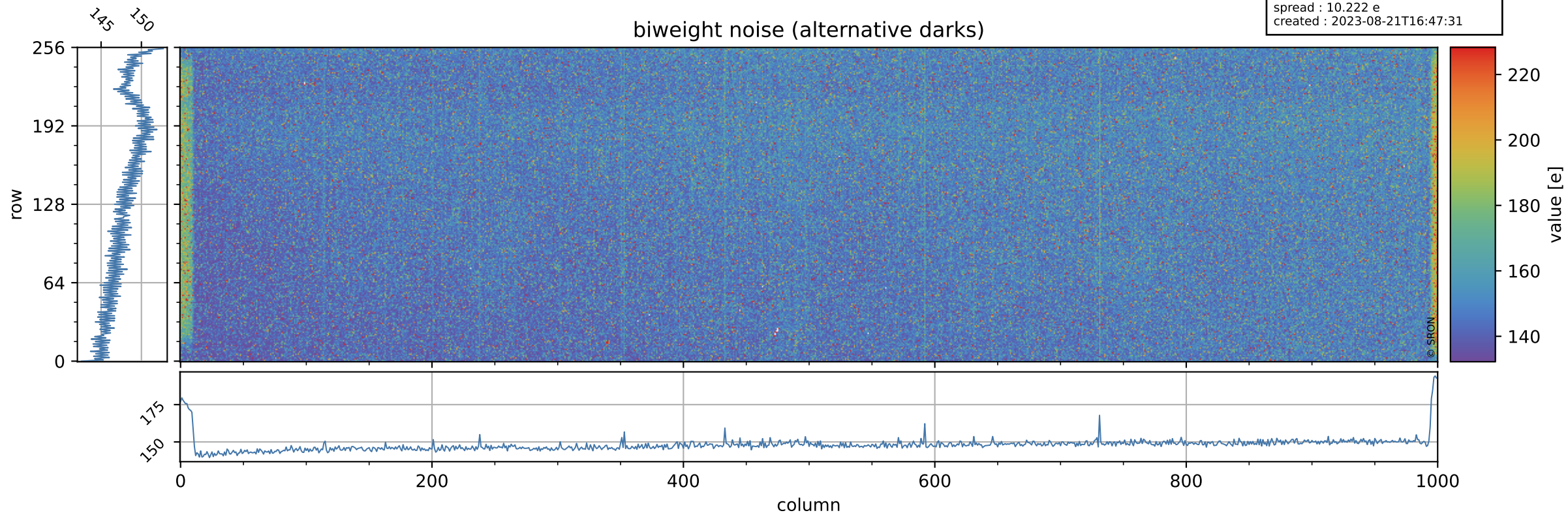
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.222 e
created : 2023-08-21T16:47:31

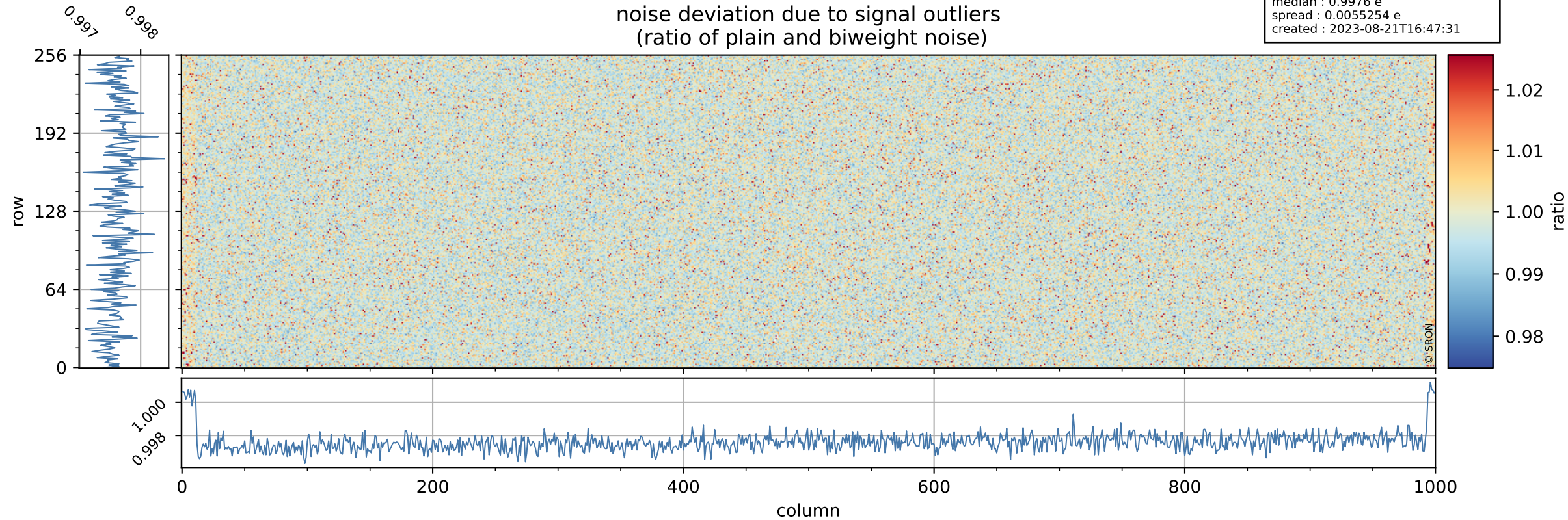
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

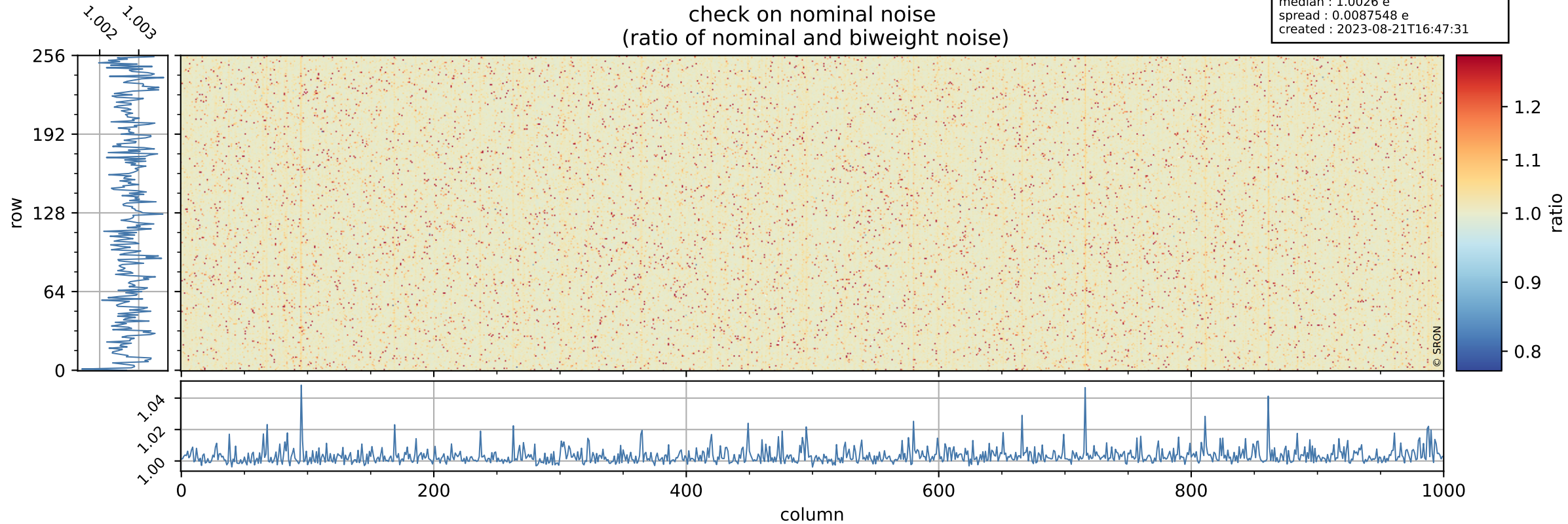
orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
median : 0.9976 e
spread : 0.0055254 e
created : 2023-08-21T16:47:31



Tropomi SWIR background noise (swir)

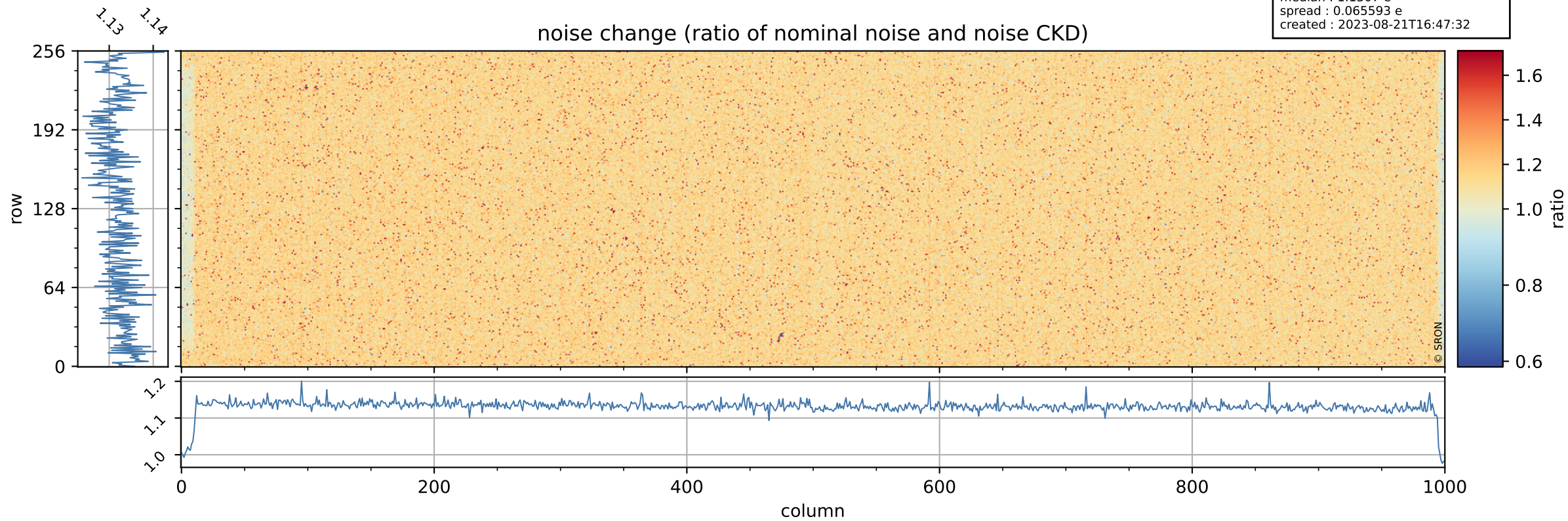
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
median : 1.0026 e
spread : 0.0087548 e
created : 2023-08-21T16:47:31



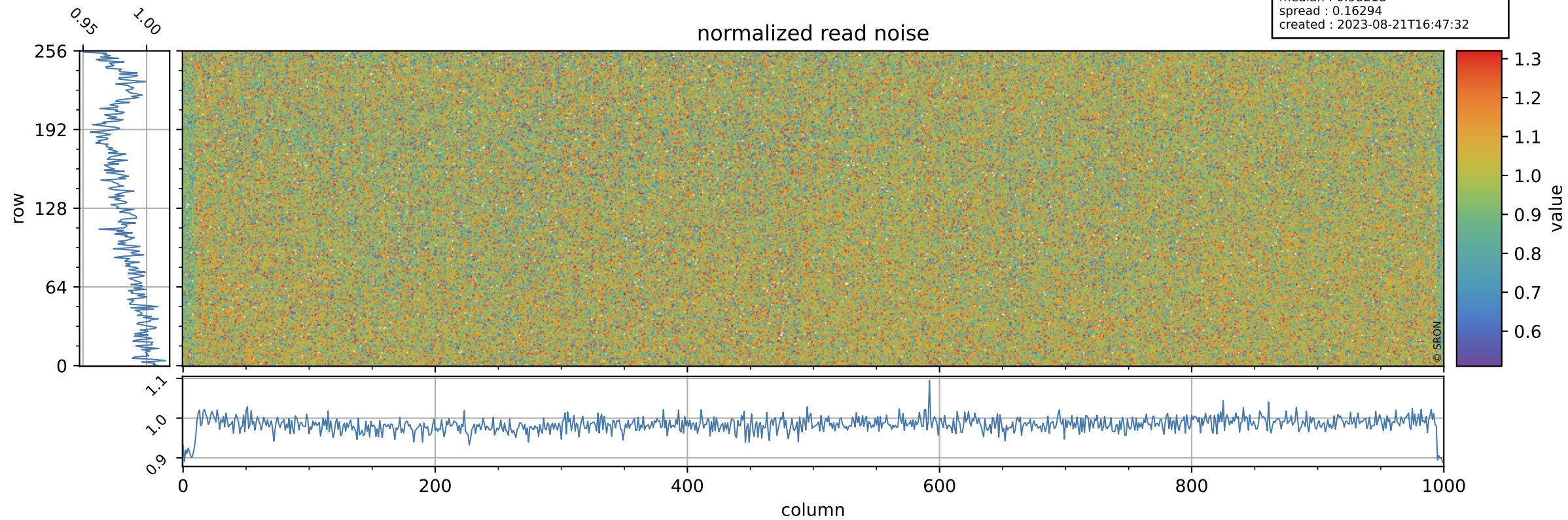
Tropomi SWIR background noise (swir)

orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
median : 1.1307 e
spread : 0.065593 e
created : 2023-08-21T16:47:32



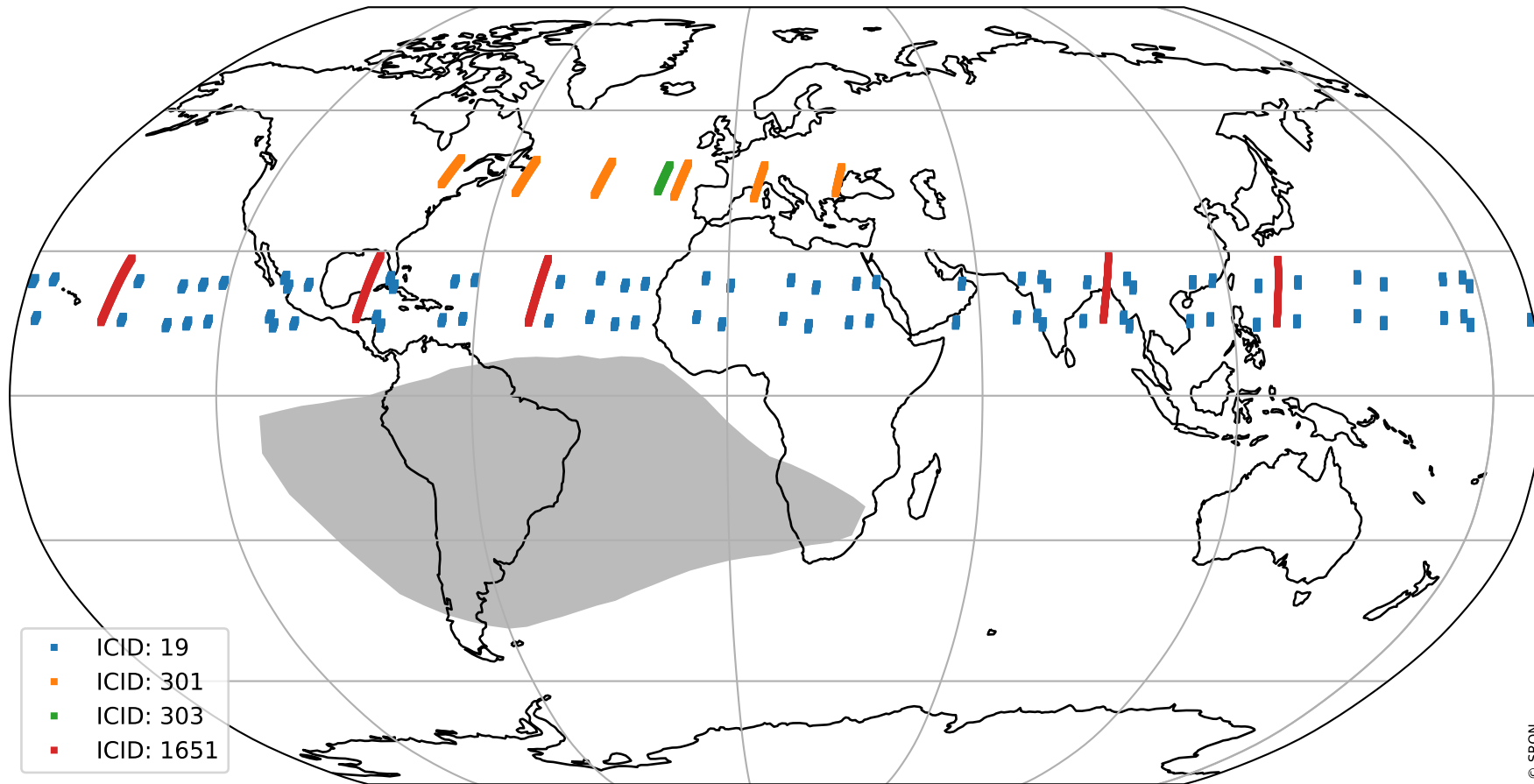
Tropomi SWIR background noise (swir)

orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
median : 0.98218
spread : 0.16294
created : 2023-08-21T16:47:32



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

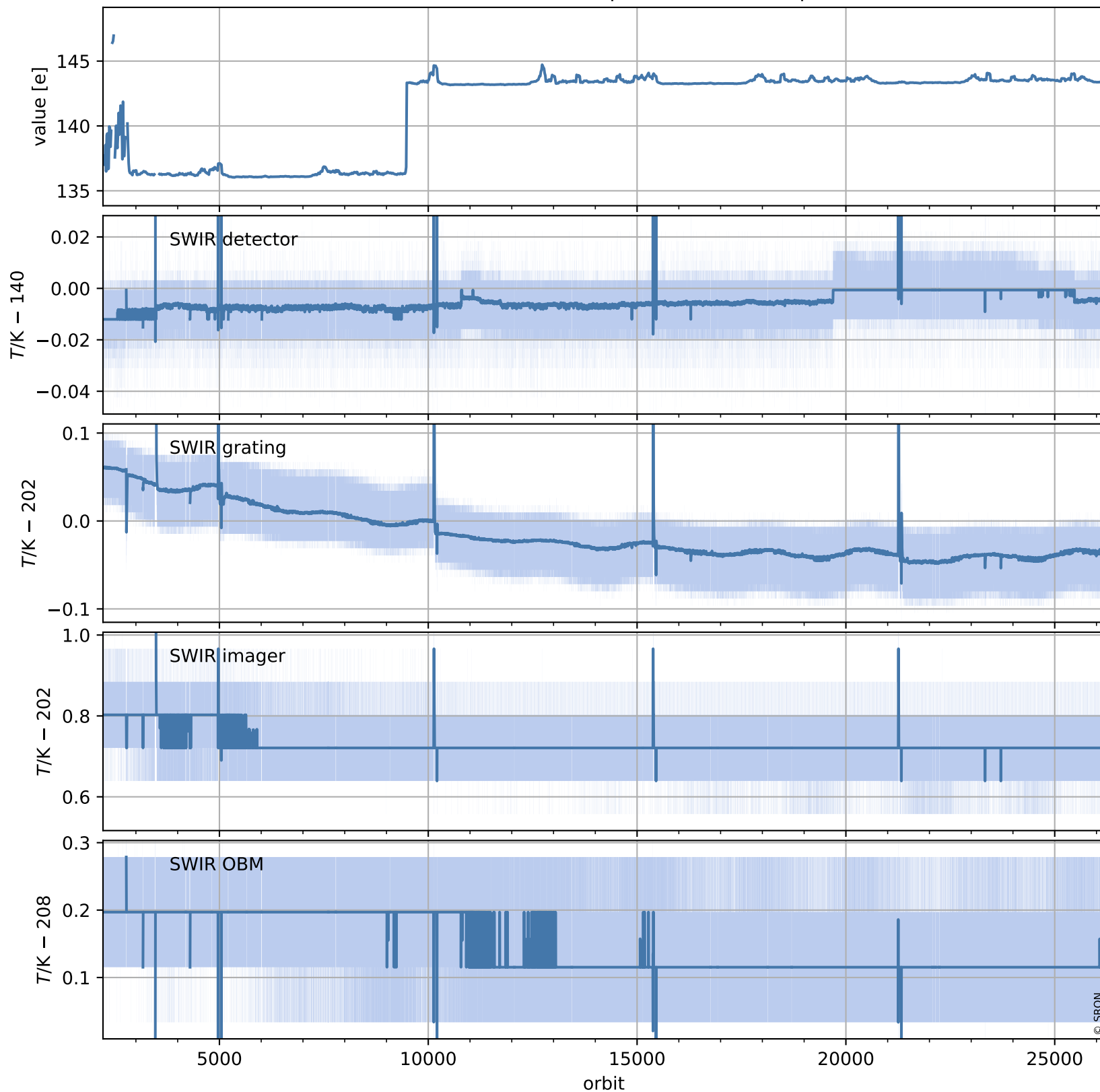
orbits : 12 in [26122, 26197]
coverage : 2022-10-27 / 2022-11-02
created : 2023-08-21T16:47:32



Tropomi SWIR background noise (swir)

orbits : [2212, 26197]
coverage : 2018-03-18 / 2022-11-02
created : 2023-08-21T16:47:33

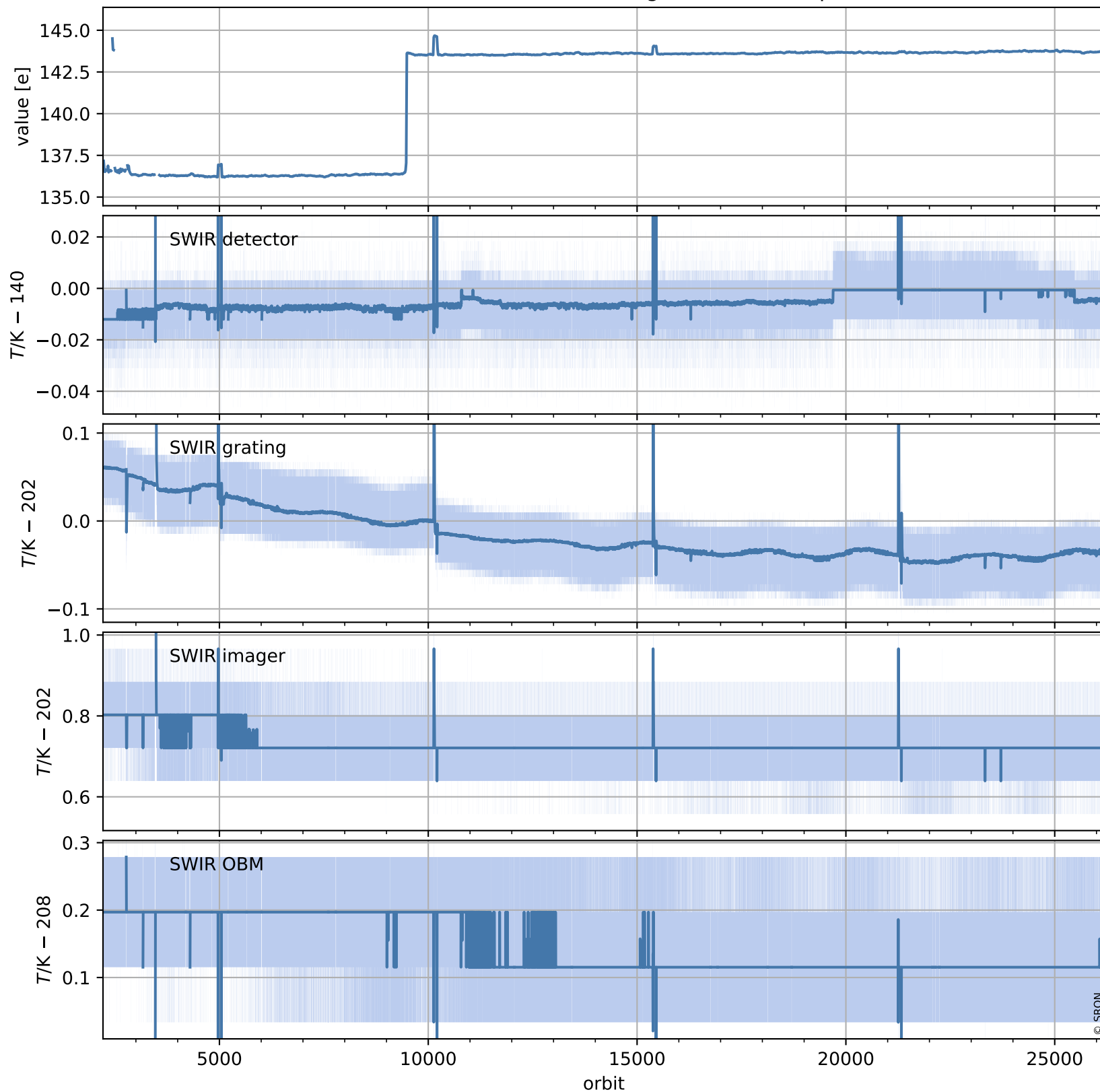
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26197]
coverage : 2018-03-18 / 2022-11-02
created : 2023-08-21T16:47:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26197]
coverage : 2018-03-18 / 2022-11-02
created : 2023-08-21T16:47:34

trend of normalized read-noise & temperatures

