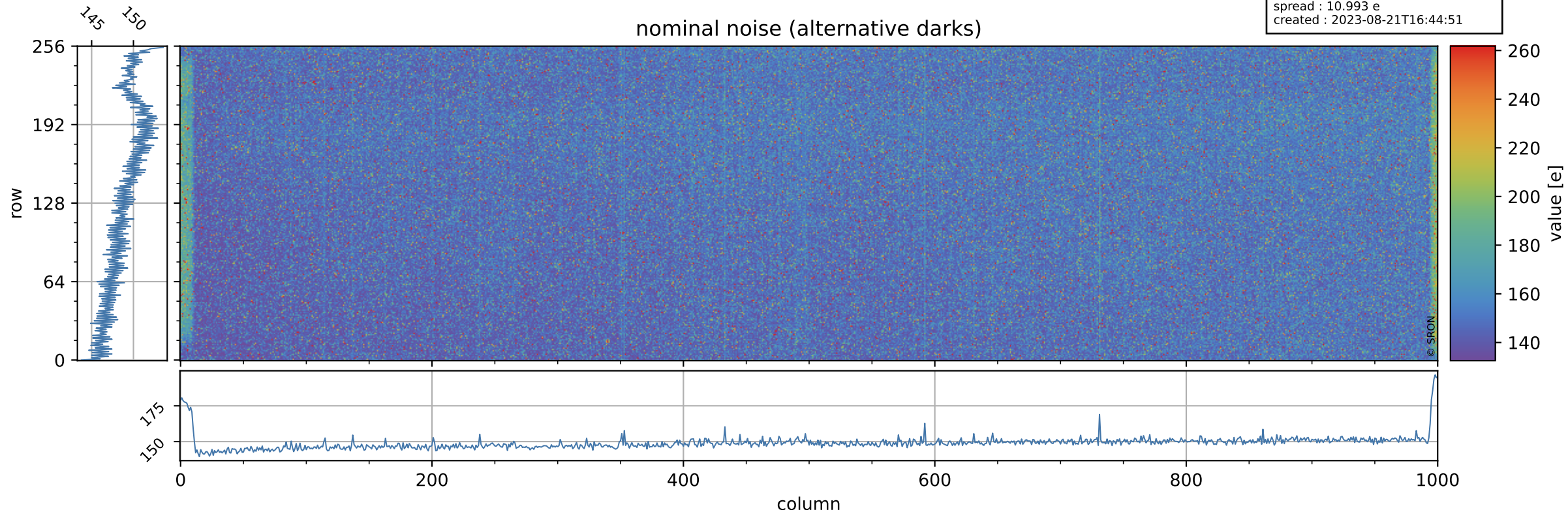


Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 10.993 e
created : 2023-08-21T16:44:51

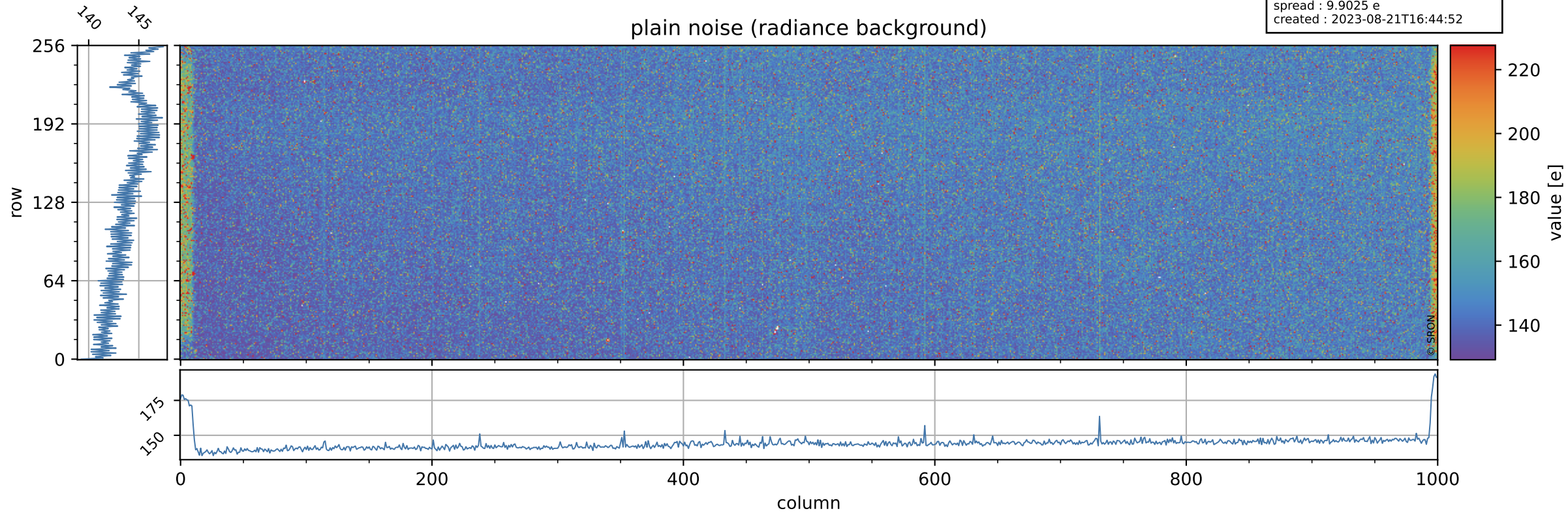
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.9025 e
created : 2023-08-21T16:44:52

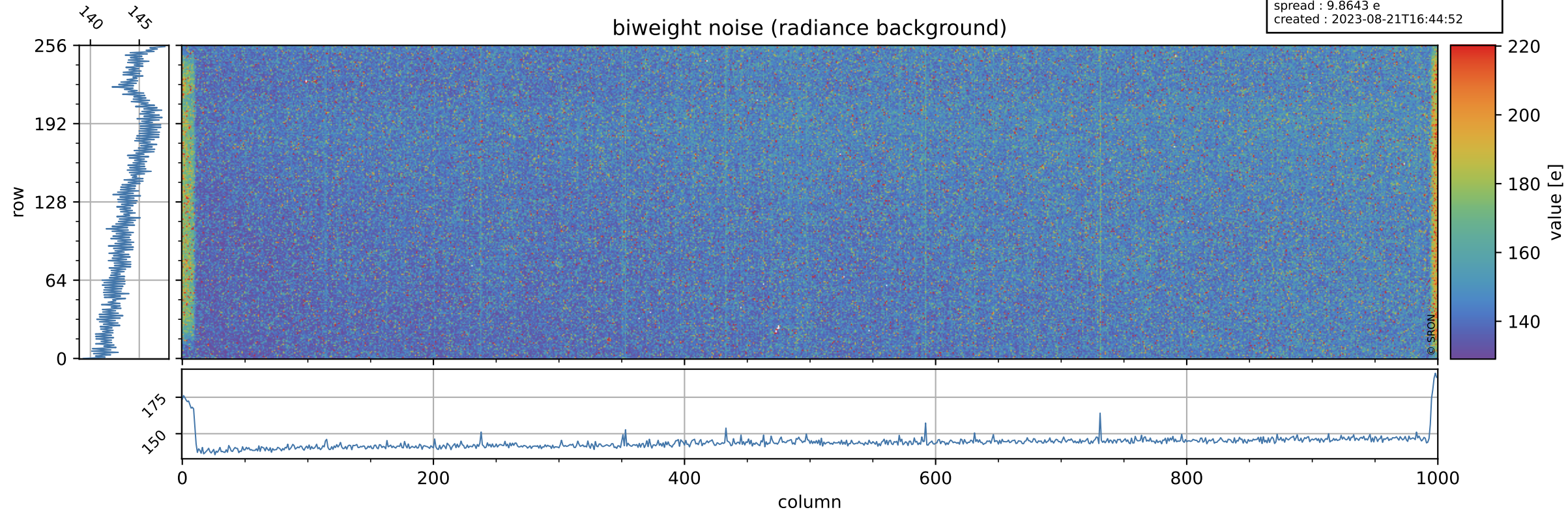
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
n_coad, t_exp : 1, 0.8383
median : 143.82 e
spread : 9.8643 e
created : 2023-08-21T16:44:52

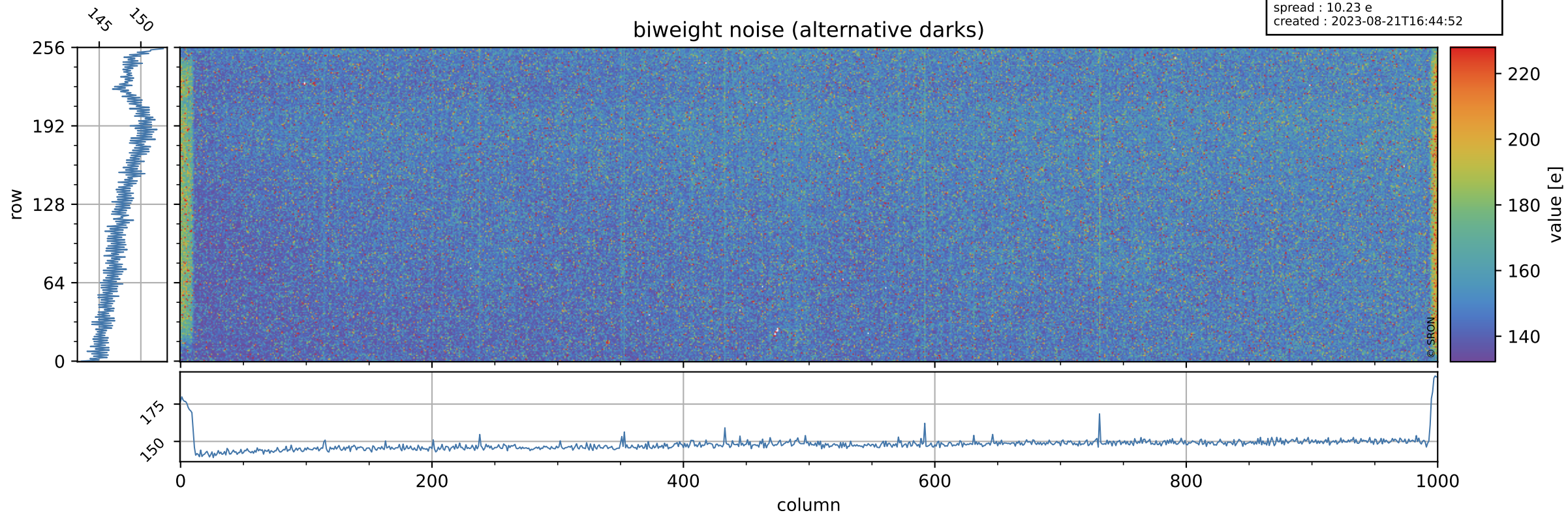
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.23 e
created : 2023-08-21T16:44:52

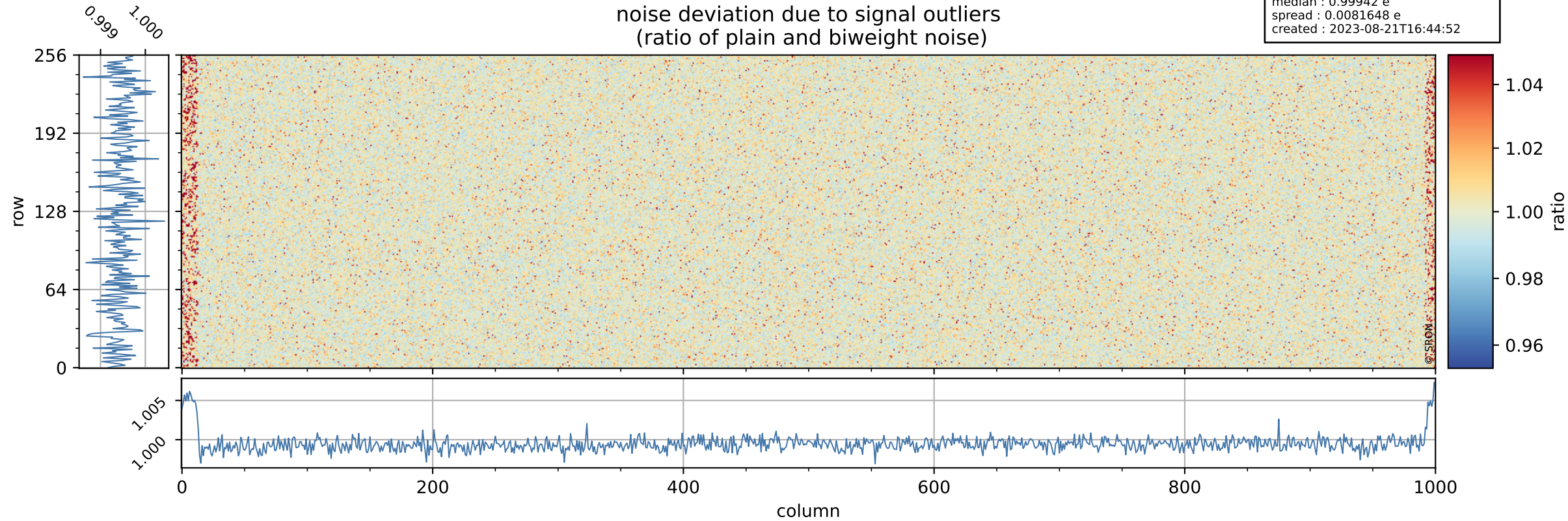
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

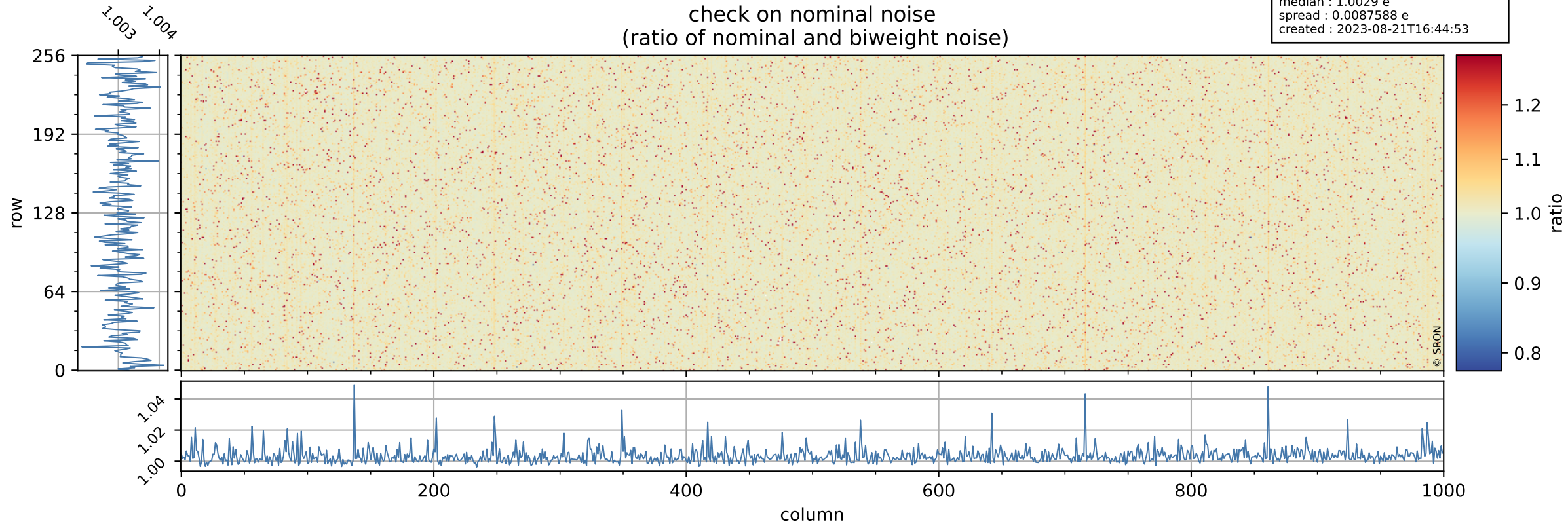
orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
median : 0.99942 e
spread : 0.0081648 e
created : 2023-08-21T16:44:52



Tropomi SWIR background noise (swir)

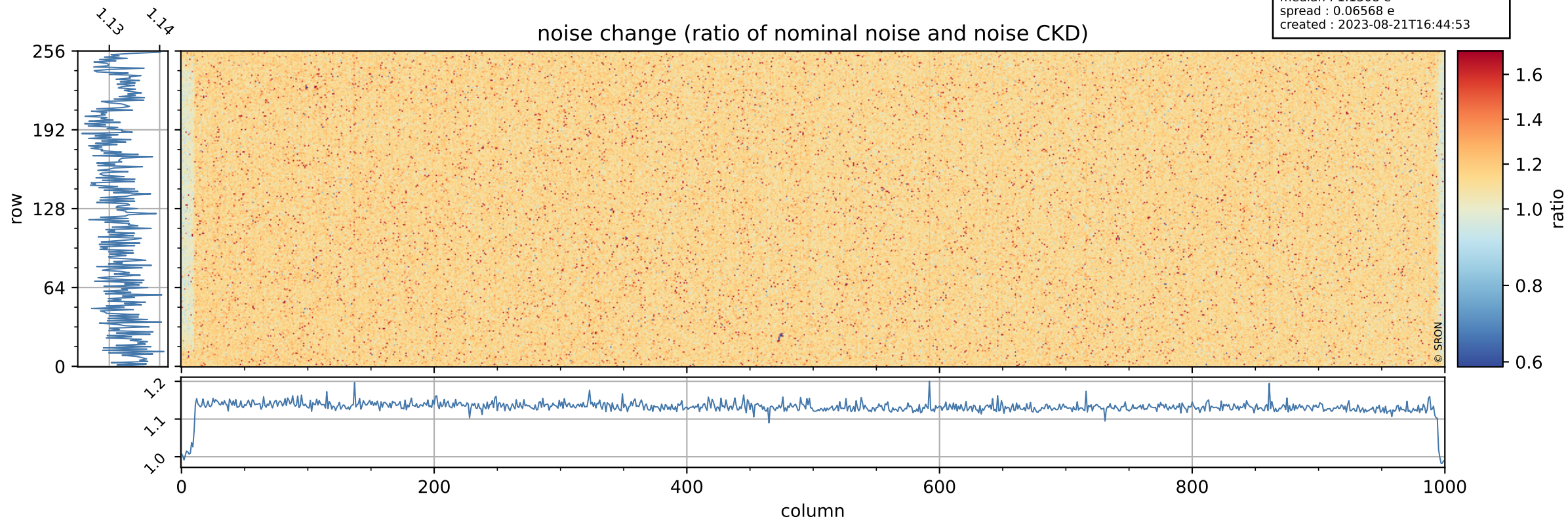
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
median : 1.0029 e
spread : 0.0087588 e
created : 2023-08-21T16:44:53



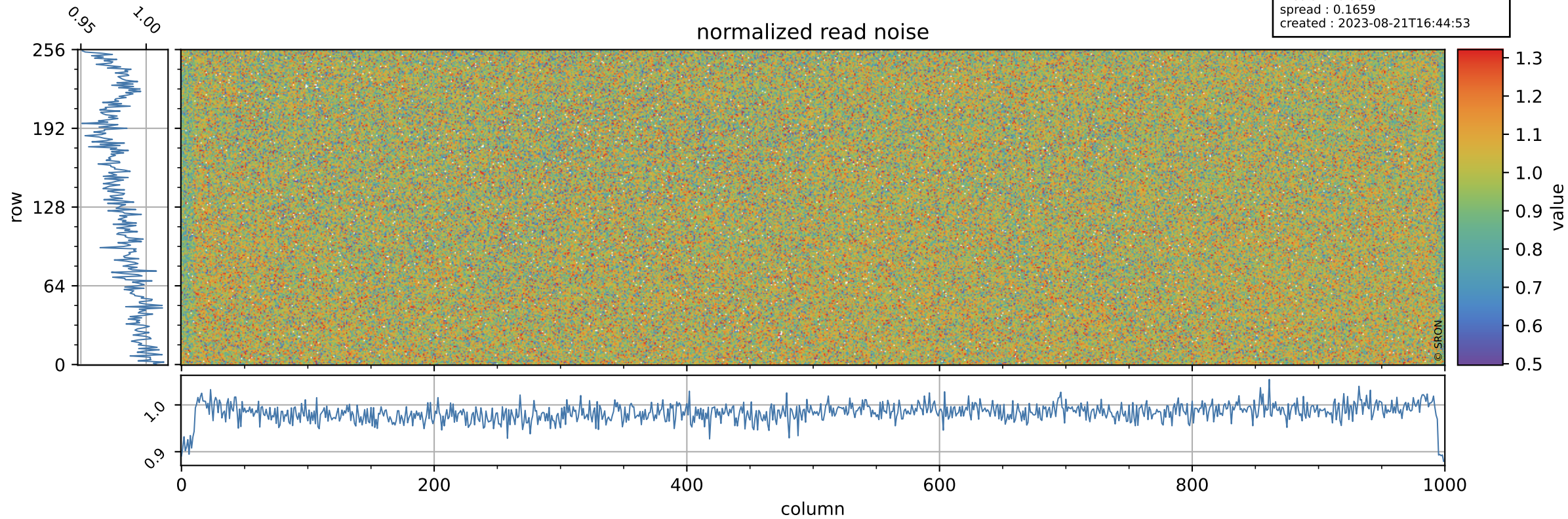
Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
median : 1.1308 e
spread : 0.06568 e
created : 2023-08-21T16:44:53



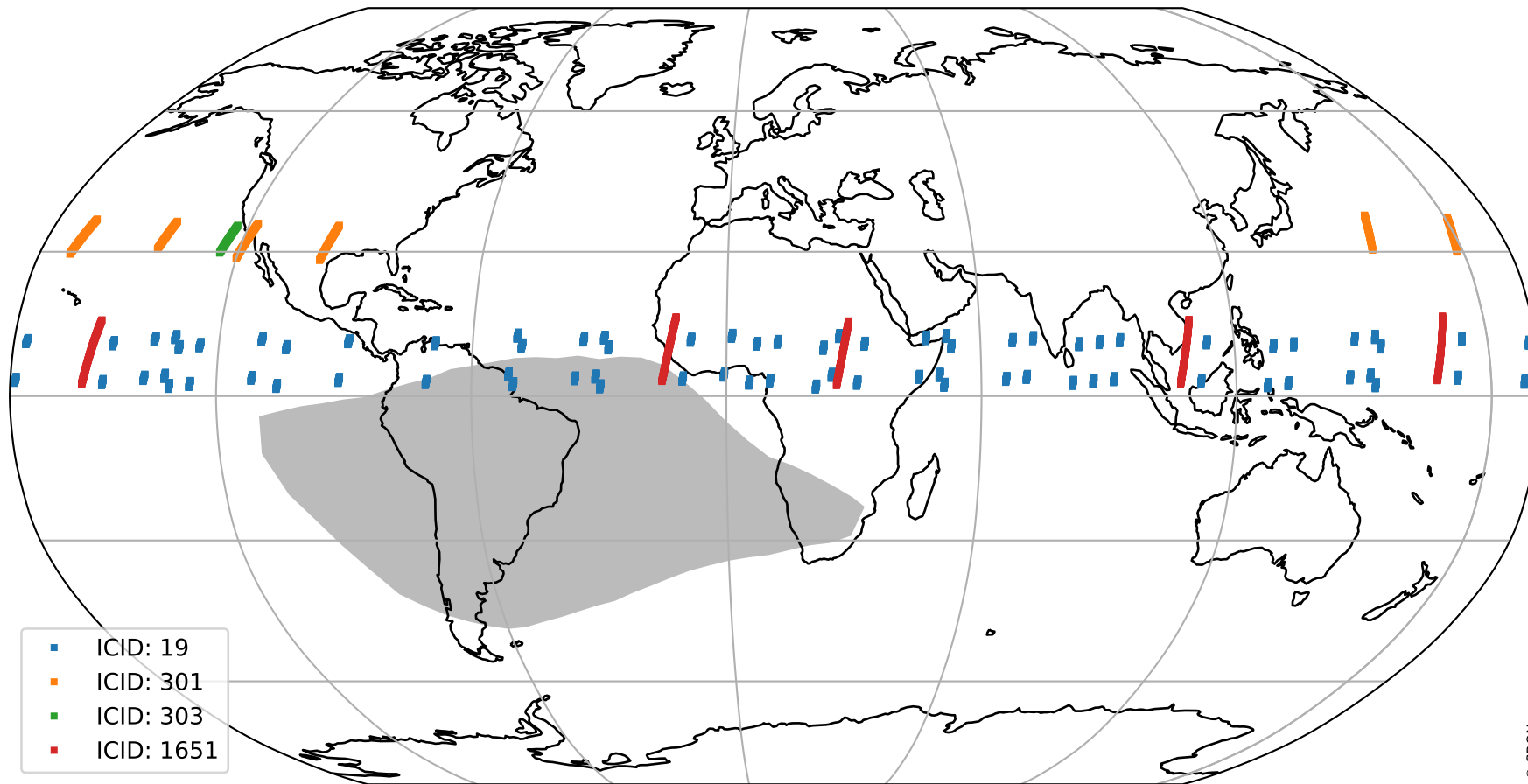
Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
median : 0.9819
spread : 0.1659
created : 2023-08-21T16:44:53



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

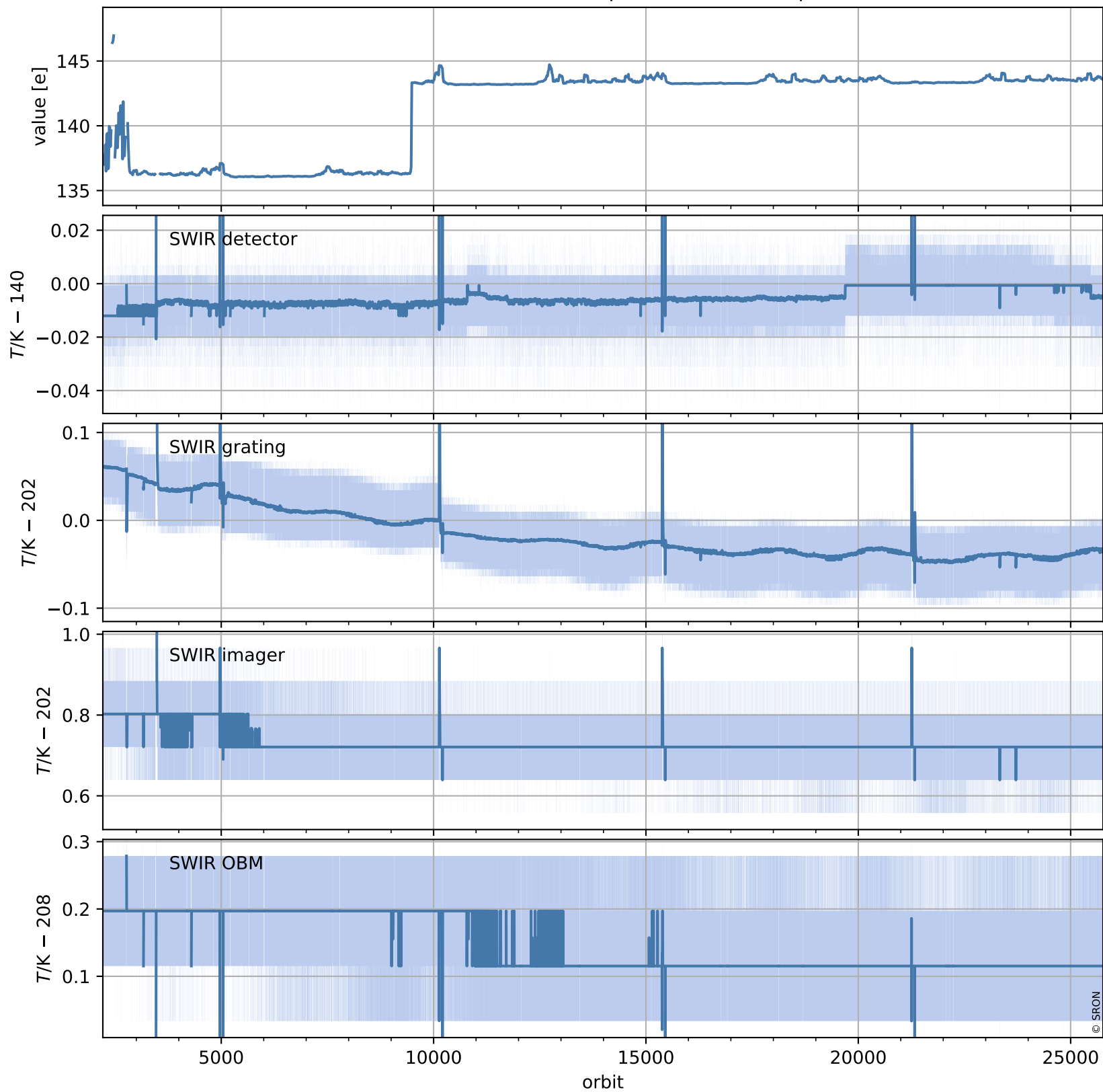
orbits : 12 in [25687, 25762]
coverage : 2022-09-27 / 2022-10-02
created : 2023-08-21T16:44:53



Tropomi SWIR background noise (swir)

orbits : [2212, 25762]
coverage : 2018-03-18 / 2022-10-02
created : 2023-08-21T16:44:54

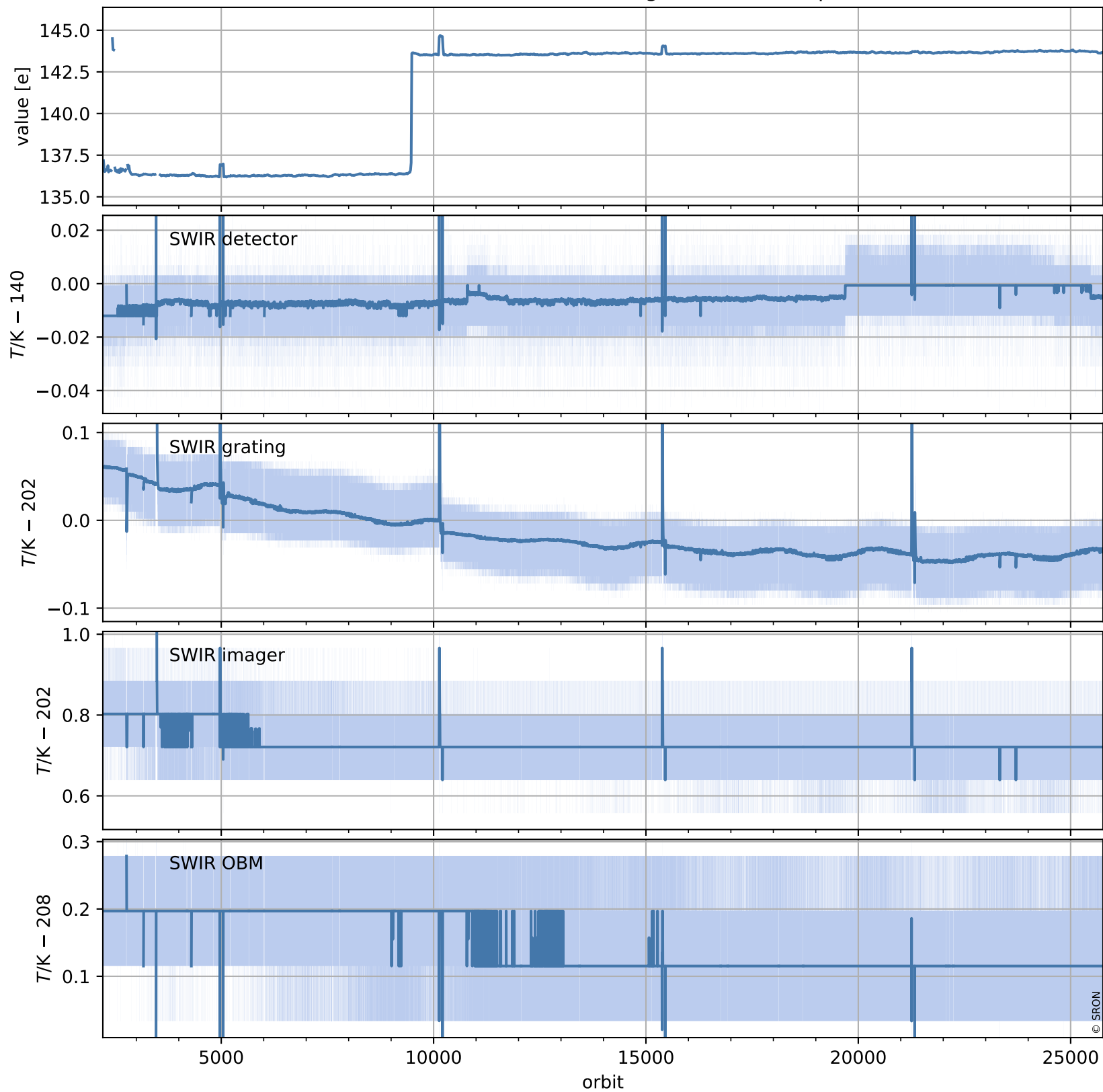
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25762]
coverage : 2018-03-18 / 2022-10-02
created : 2023-08-21T16:44:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25762]
coverage : 2018-03-18 / 2022-10-02
created : 2023-08-21T16:44:55

trend of normalized read-noise & temperatures

