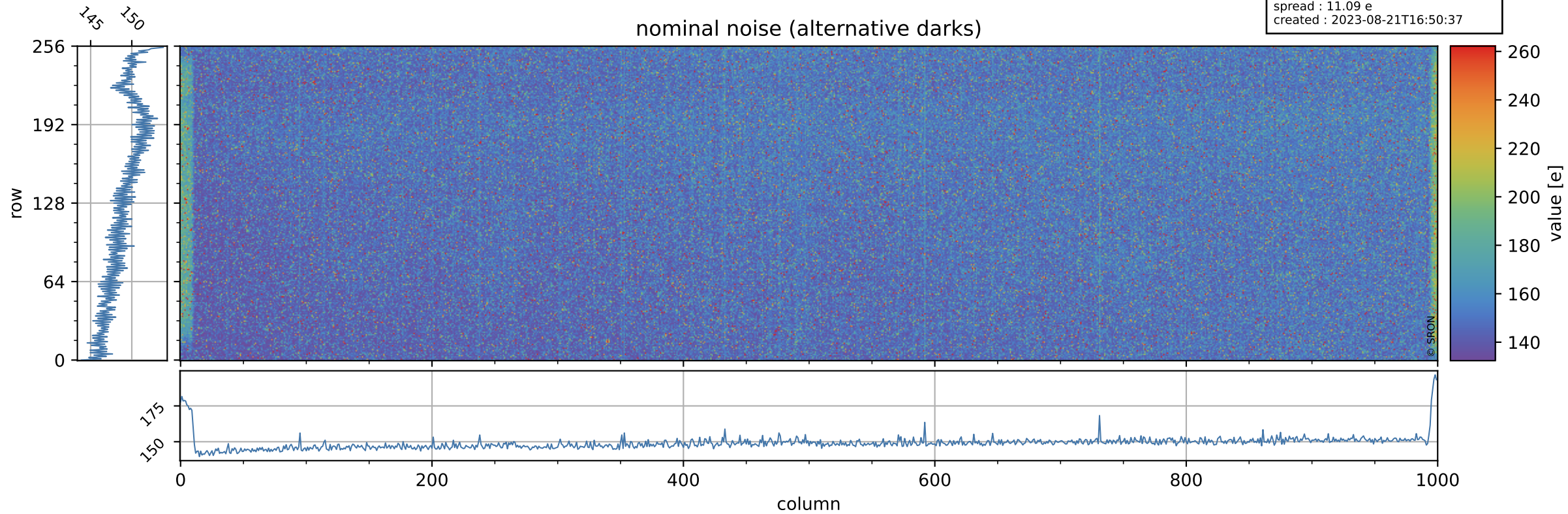


Tropomi SWIR background noise (swir)

orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 11.09 e
created : 2023-08-21T16:50:37

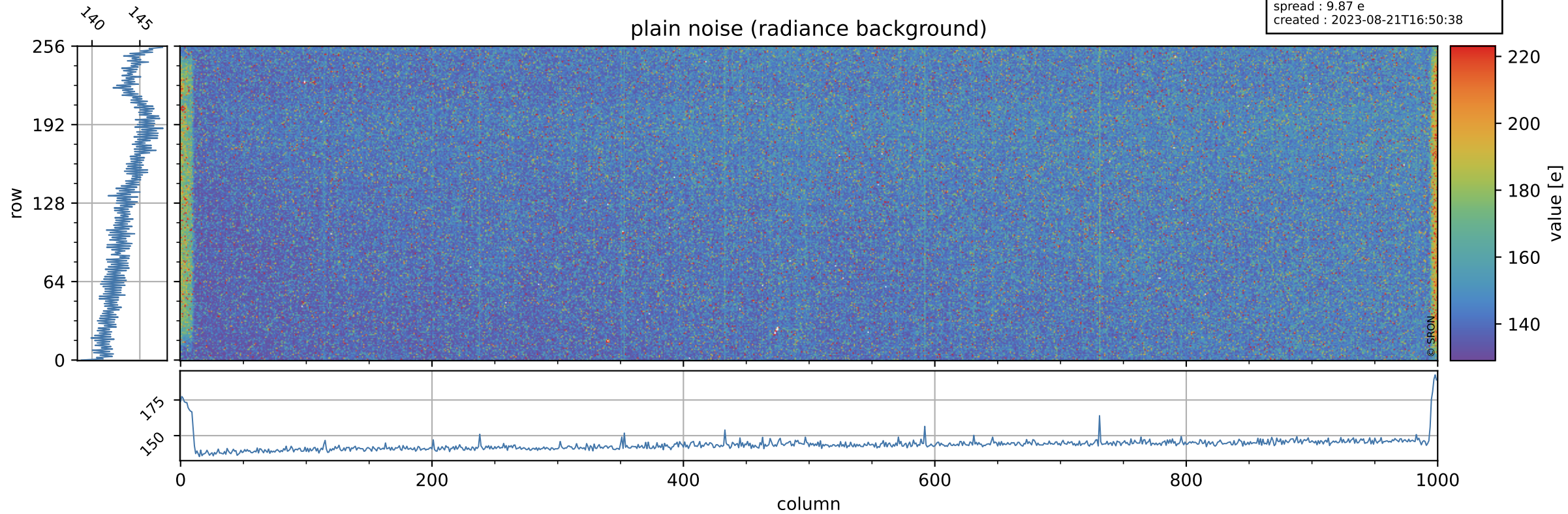
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.87 e
created : 2023-08-21T16:50:38

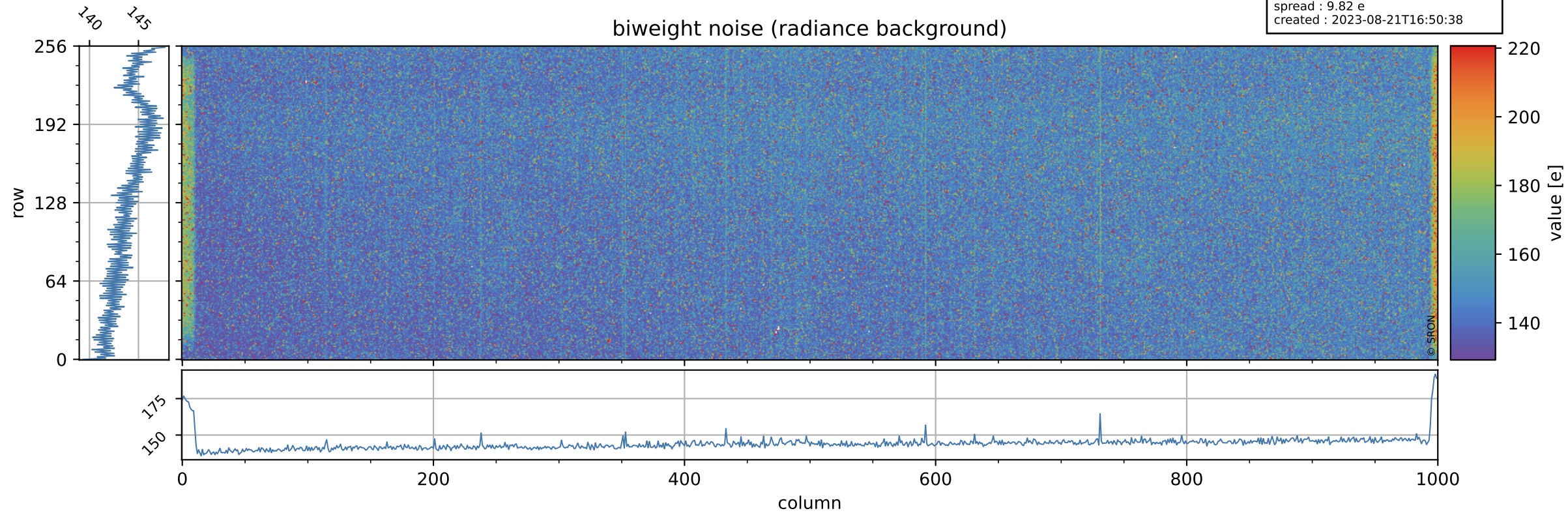
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.82 e
created : 2023-08-21T16:50:38

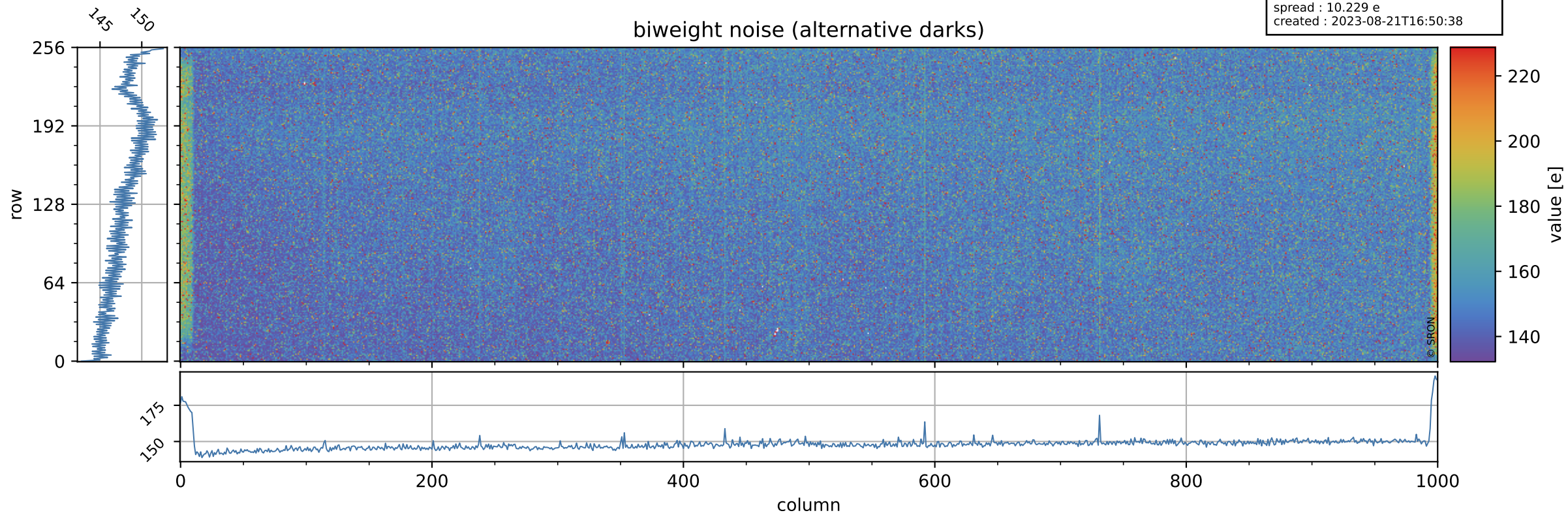
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.229 e
created : 2023-08-21T16:50:38

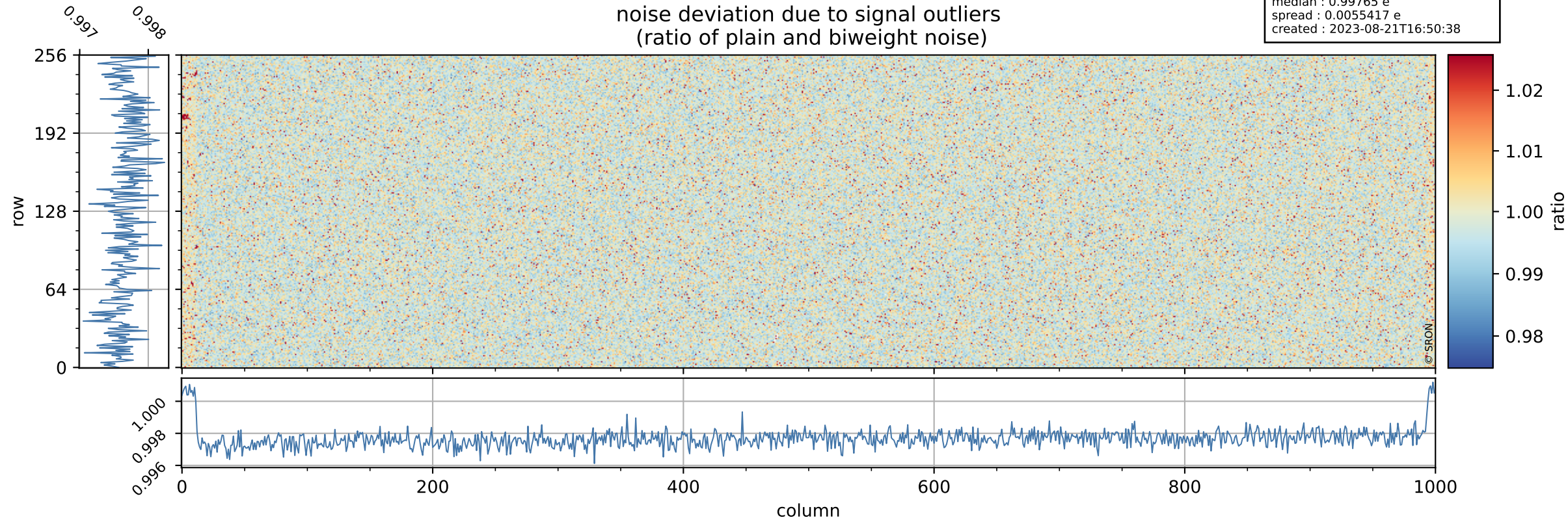
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

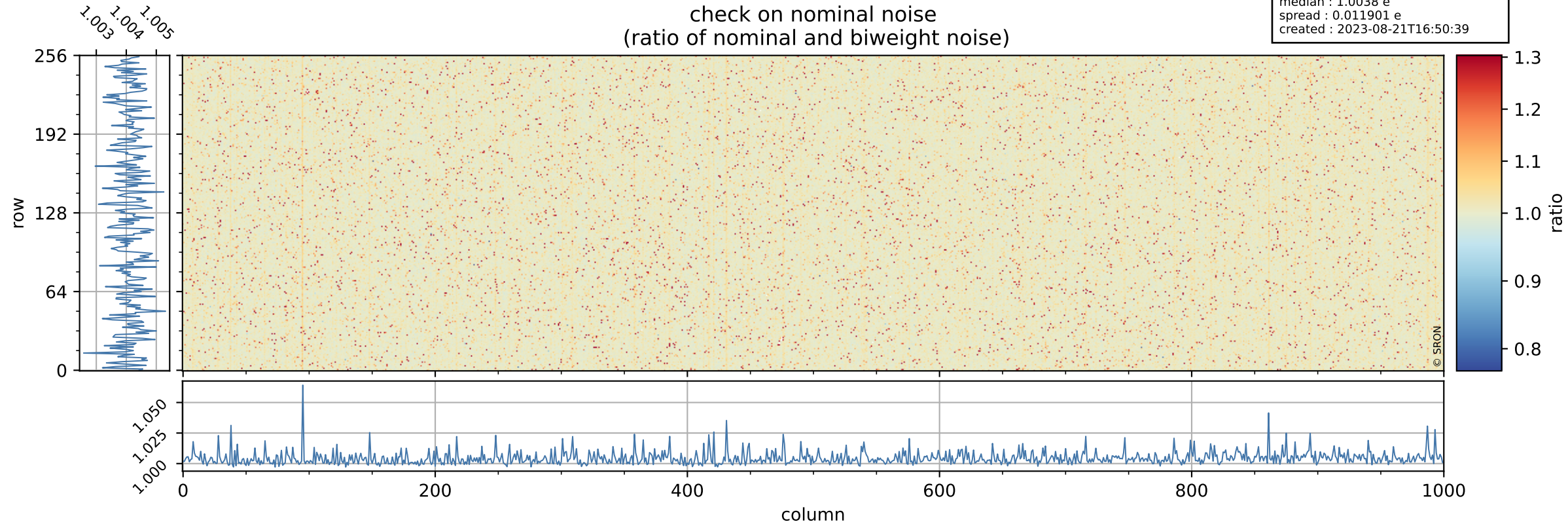
orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
median : 0.99765 e
spread : 0.0055417 e
created : 2023-08-21T16:50:38



Tropomi SWIR background noise (swir)

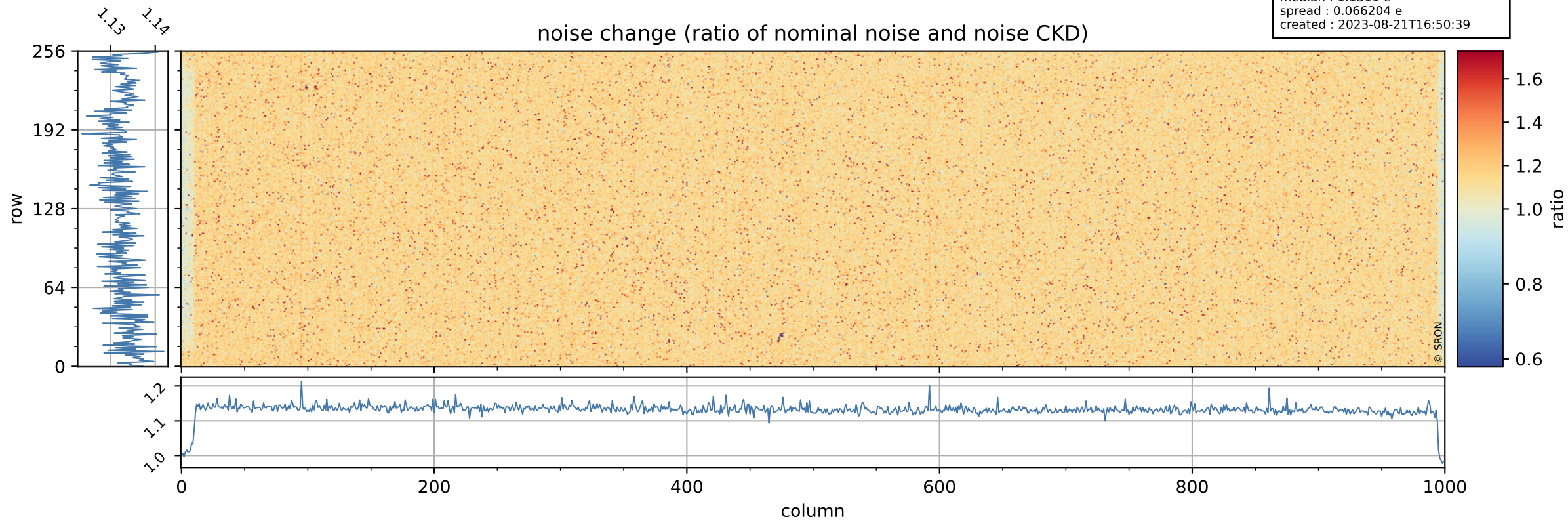
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
median : 1.0038 e
spread : 0.011901 e
created : 2023-08-21T16:50:39



Tropomi SWIR background noise (swir)

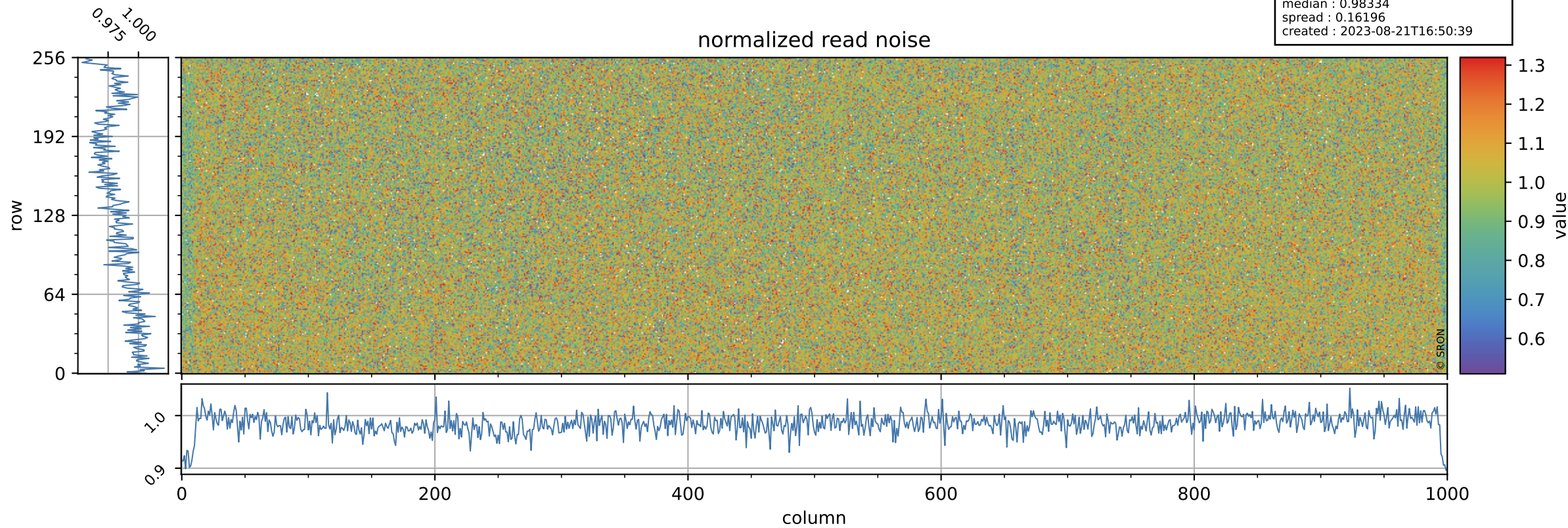
orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
median : 1.1311 e
spread : 0.066204 e
created : 2023-08-21T16:50:39



Tropomi SWIR background noise (swir)

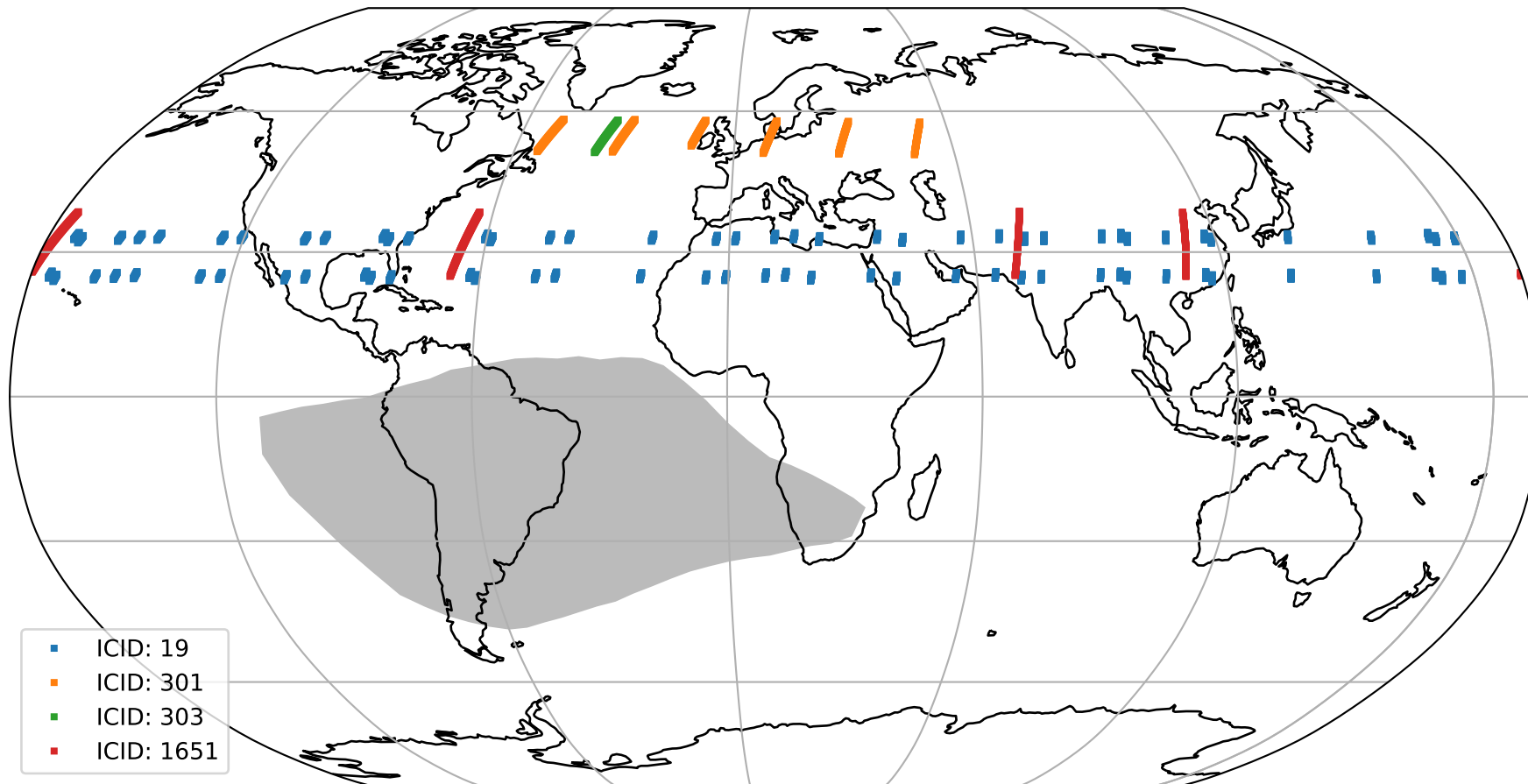
orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
median : 0.98334
spread : 0.16196
created : 2023-08-21T16:50:39

normalized read noise



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

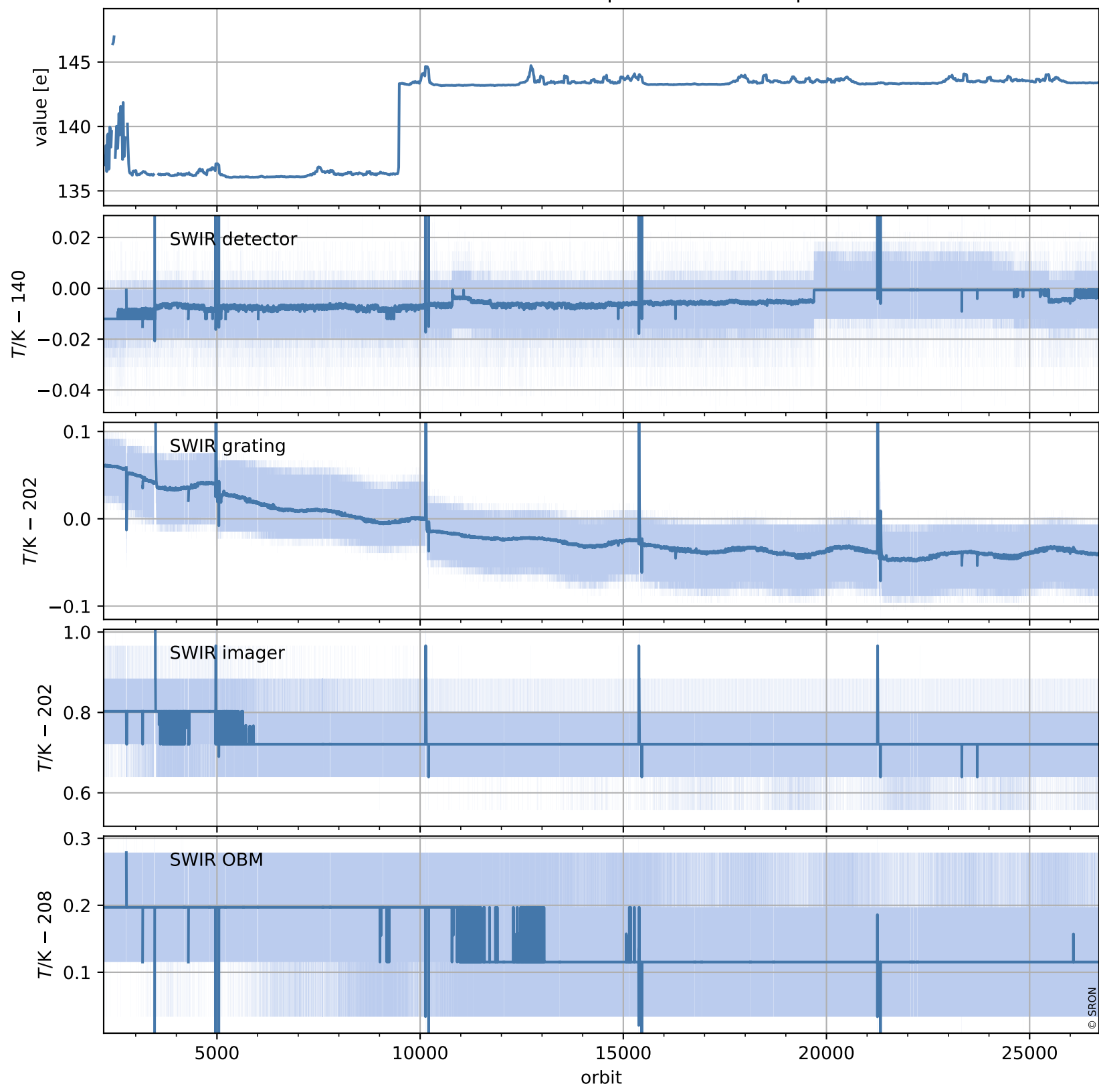
orbits : 11 in [26617, 26707]
coverage : 2022-12-02 / 2022-12-08
created : 2023-08-21T16:50:40



Tropomi SWIR background noise (swir)

orbits : [2212, 26707]
coverage : 2018-03-18 / 2022-12-08
created : 2023-08-21T16:50:40

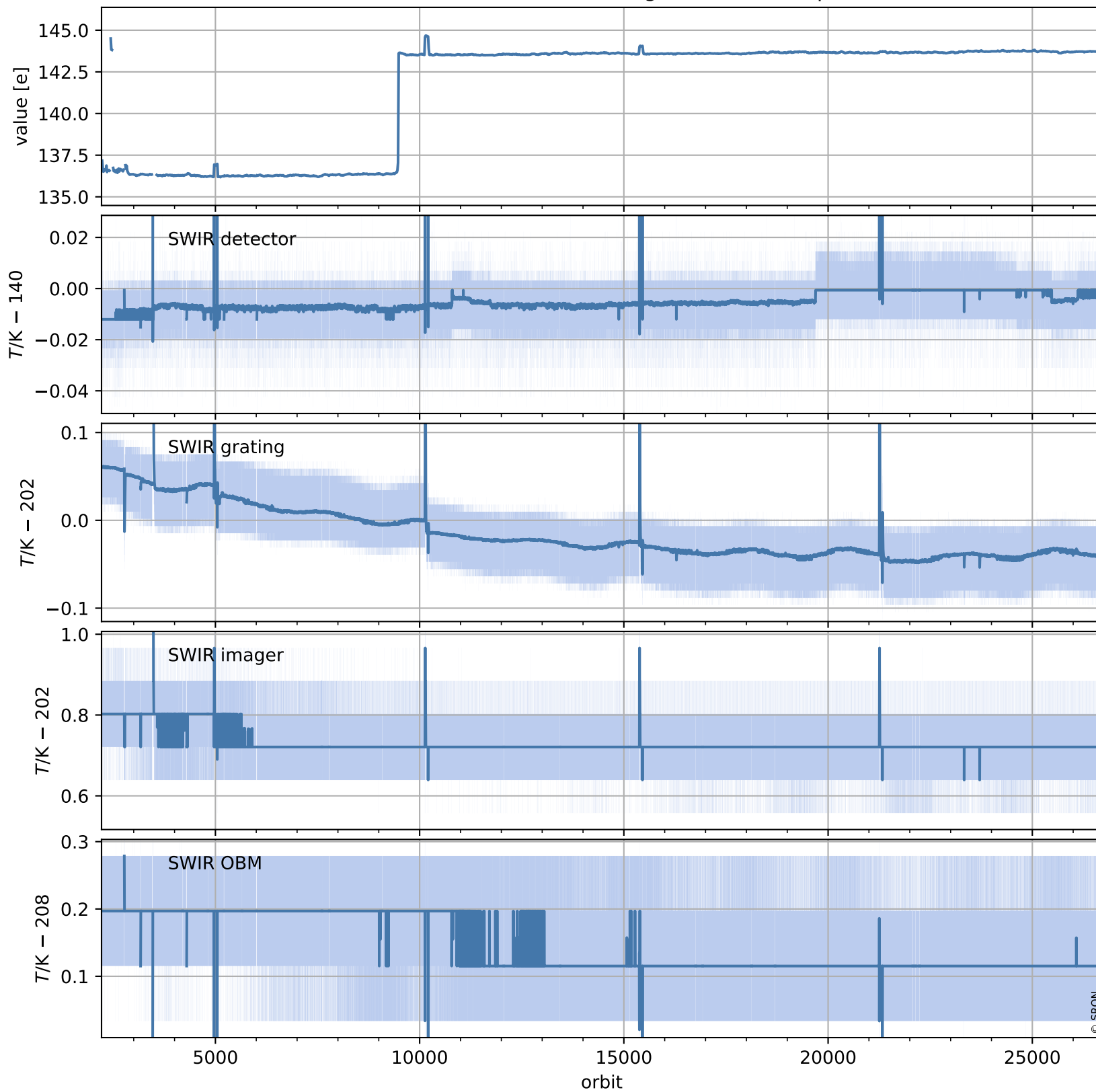
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26707]
coverage : 2018-03-18 / 2022-12-08
created : 2023-08-21T16:50:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26707]
coverage : 2018-03-18 / 2022-12-08
created : 2023-08-21T16:50:42

trend of normalized read-noise & temperatures

