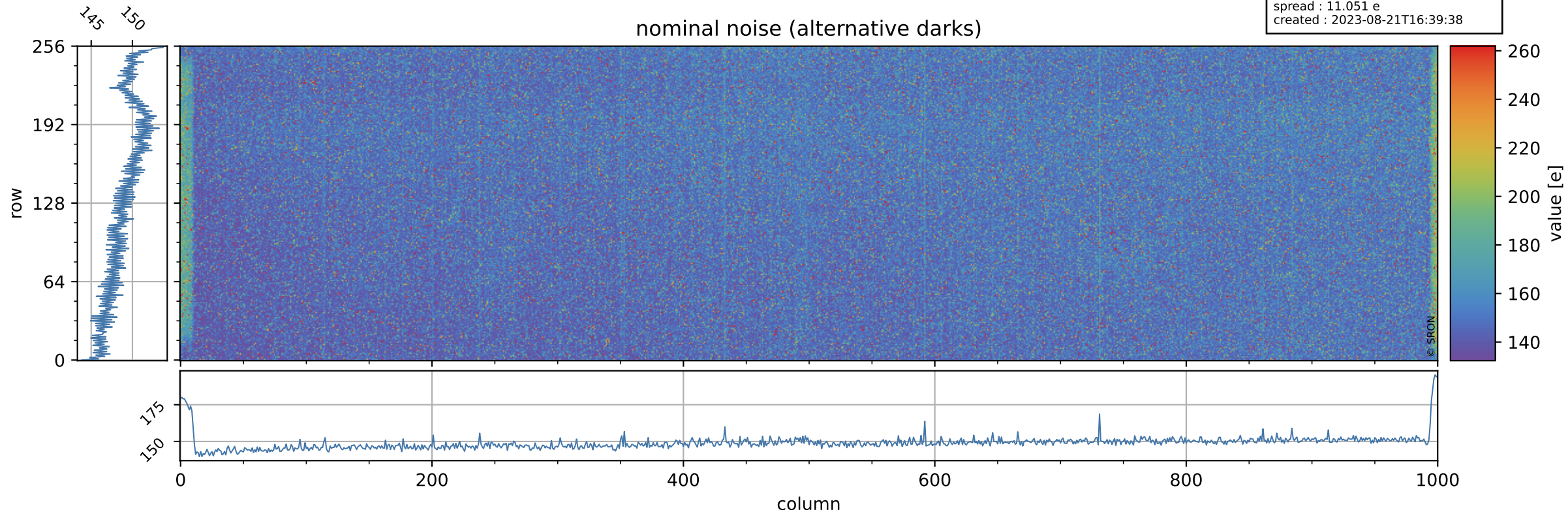


Tropomi SWIR background noise (swir)

orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.051 e
created : 2023-08-21T16:39:38

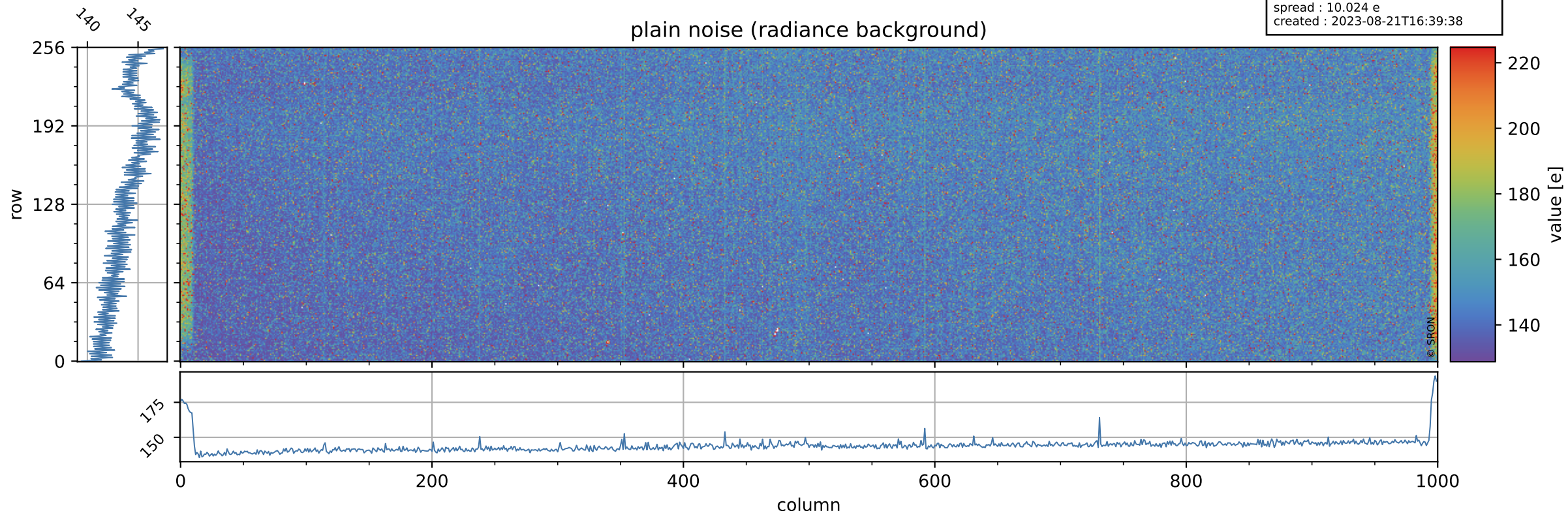
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 10.024 e
created : 2023-08-21T16:39:38

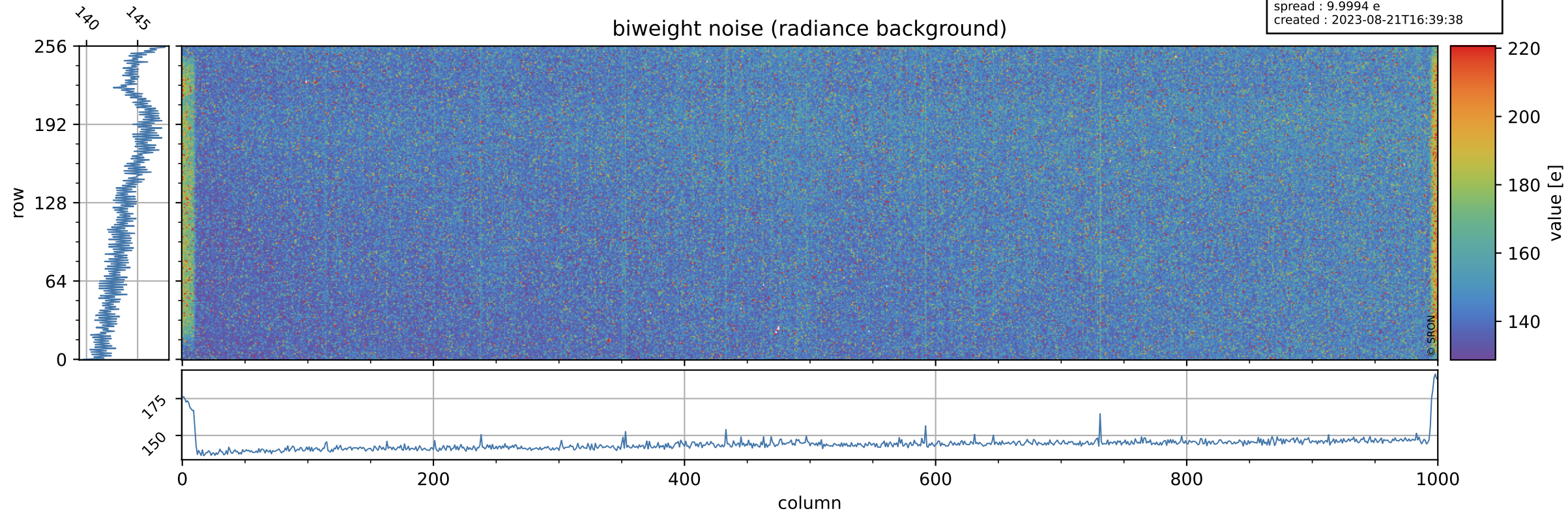
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.9994 e
created : 2023-08-21T16:39:38

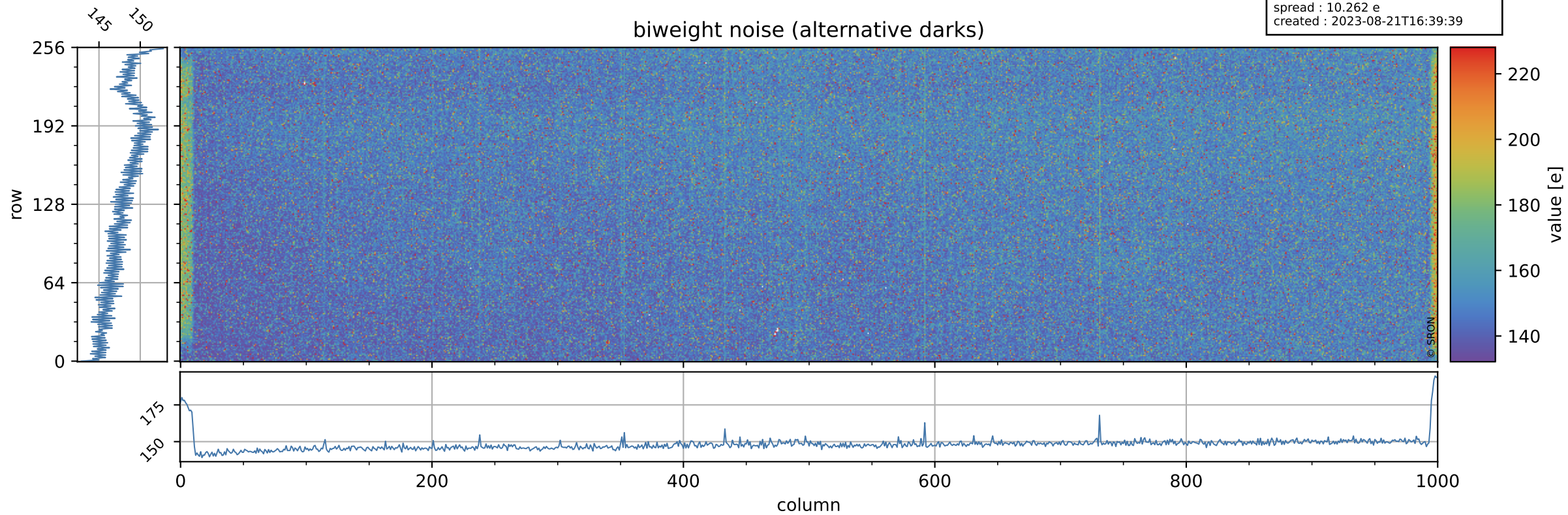
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.262 e
created : 2023-08-21T16:39:39

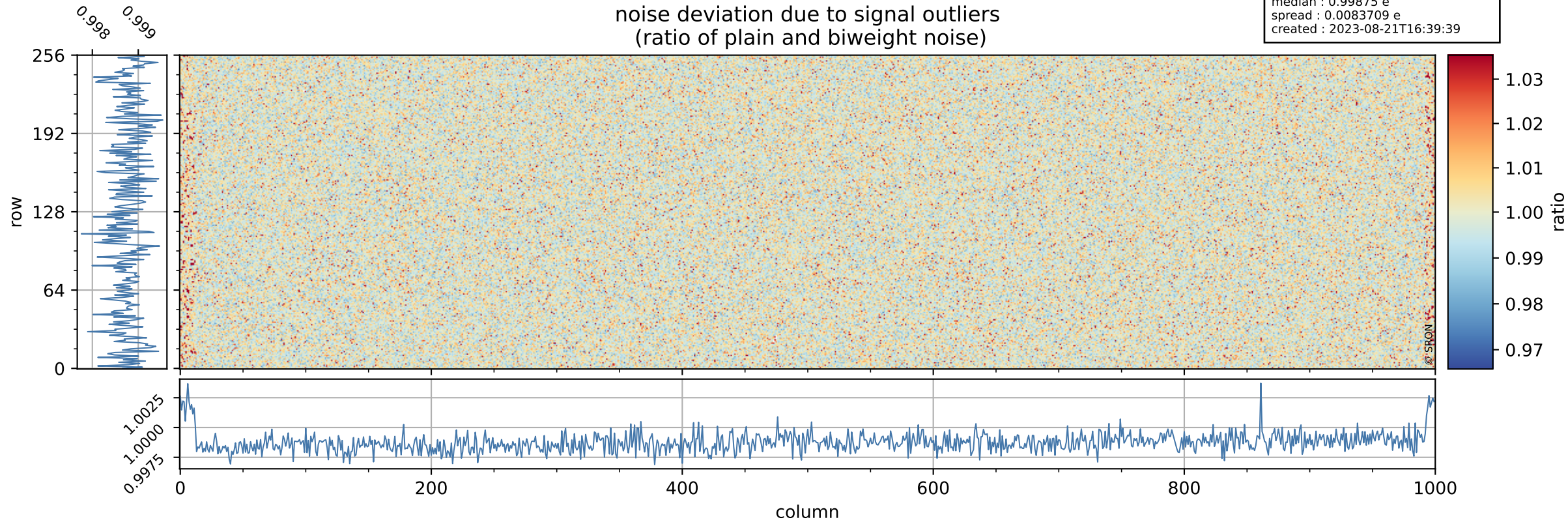
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

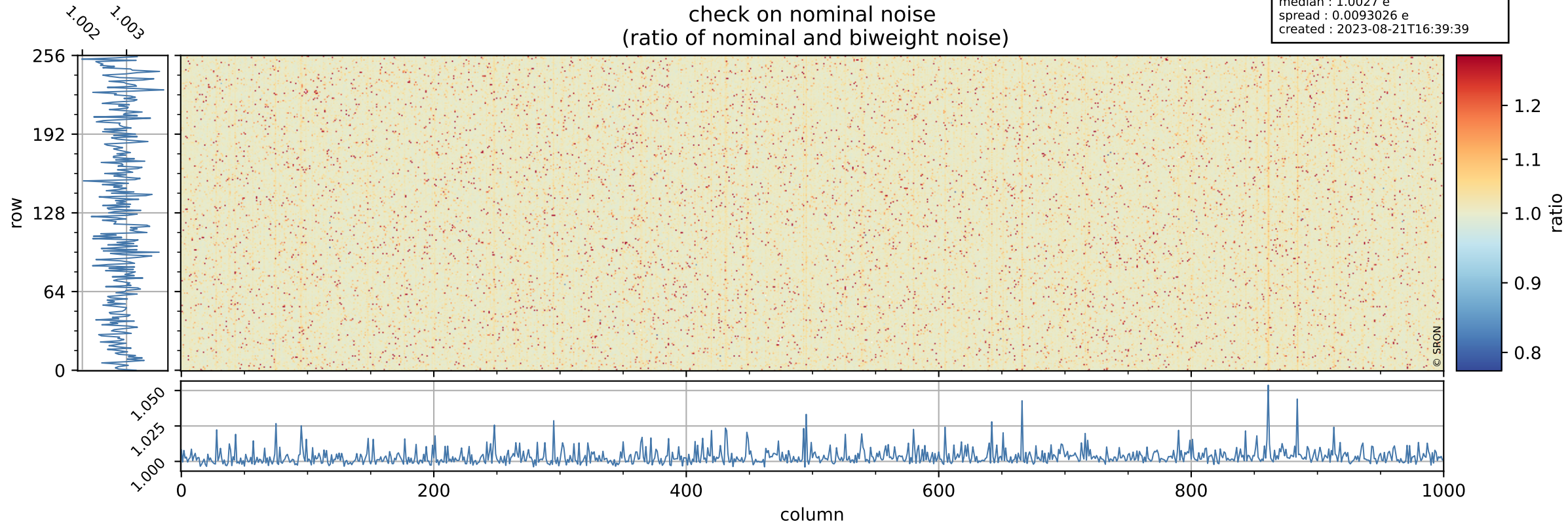
orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
median : 0.99875 e
spread : 0.0083709 e
created : 2023-08-21T16:39:39



Tropomi SWIR background noise (swir)

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

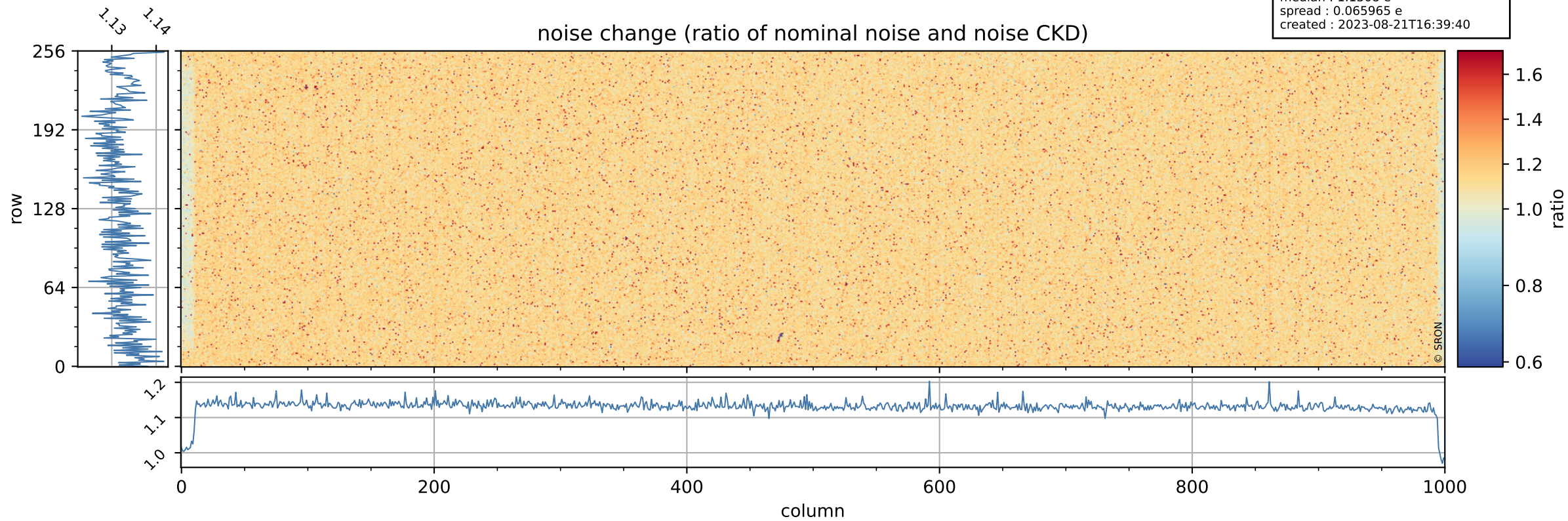
orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
median : 1.0027 e
spread : 0.0093026 e
created : 2023-08-21T16:39:39



Tropomi SWIR background noise (swir)

orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
median : 1.1308 e
spread : 0.065965 e
created : 2023-08-21T16:39:40

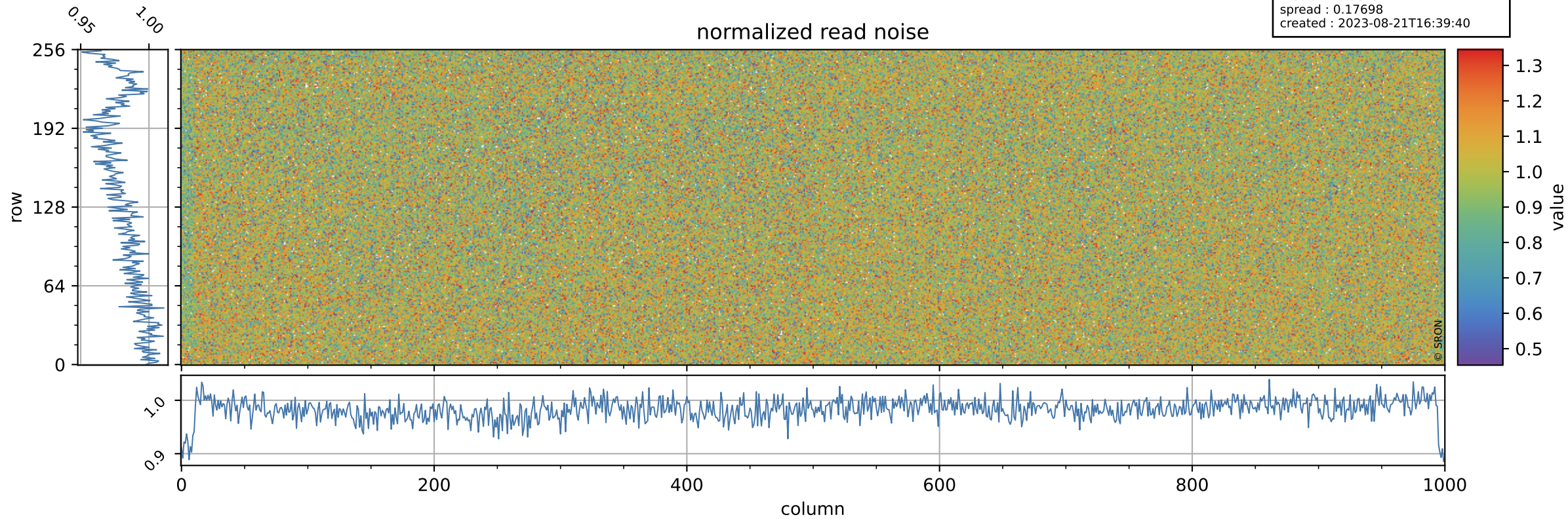
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

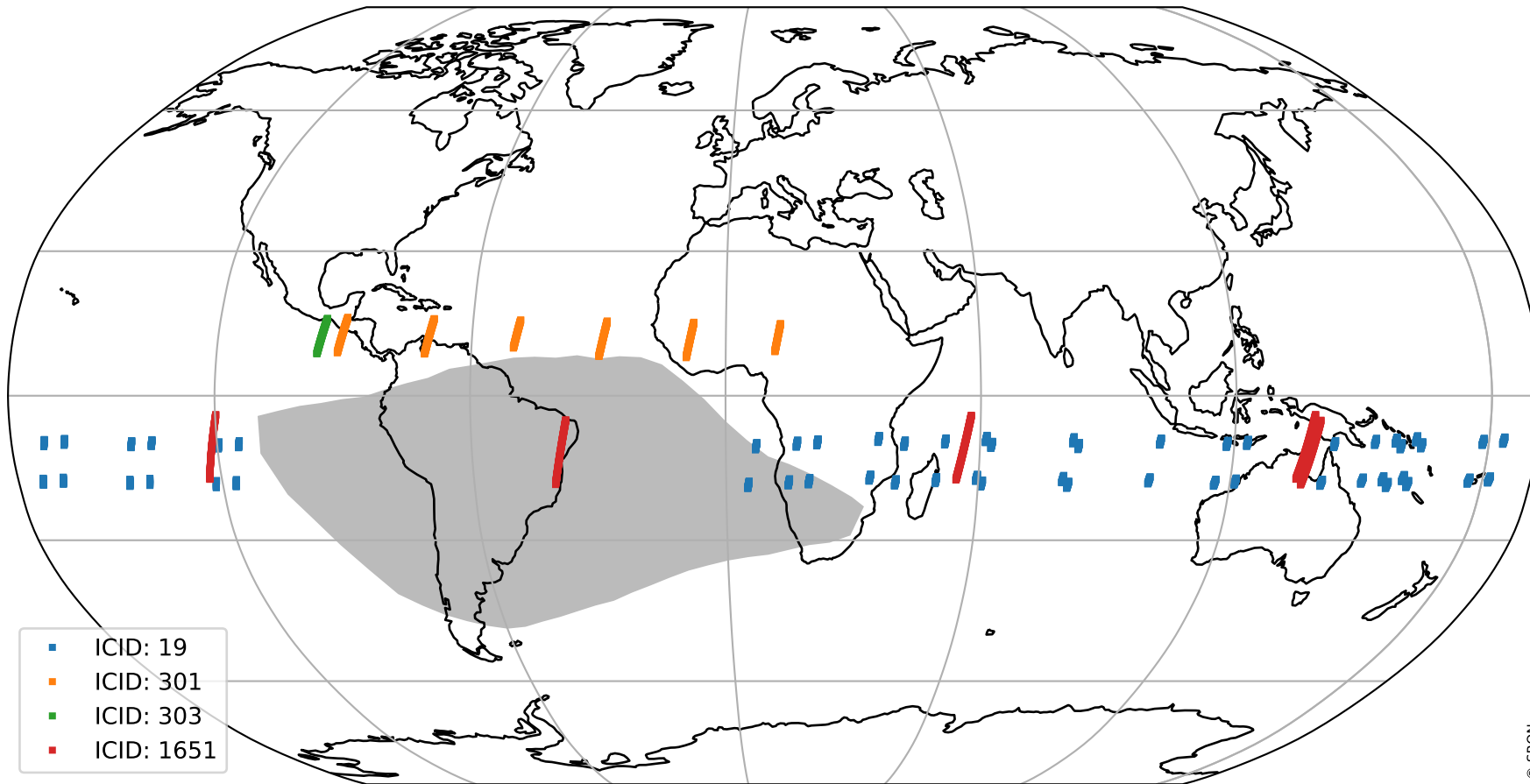
orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
median : 0.98157
spread : 0.17698
created : 2023-08-21T16:39:40

normalized read noise



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

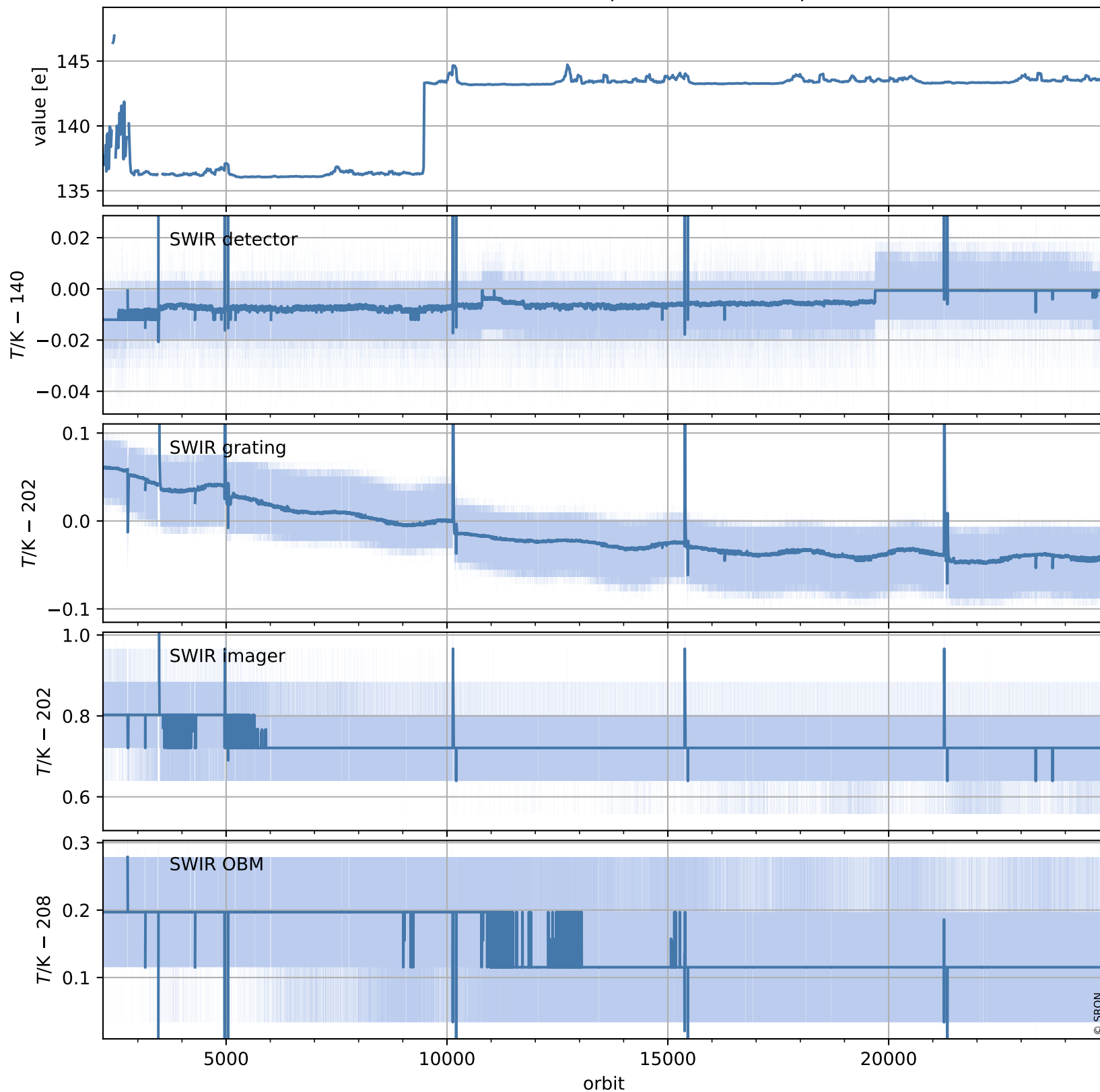
orbits : 12 in [24802, 24892]
coverage : 2022-07-27 / 2022-08-02
created : 2023-08-21T16:39:40



Tropomi SWIR background noise (swir)

orbits : [2212, 24892]
coverage : 2018-03-18 / 2022-08-02
created : 2023-08-21T16:39:40

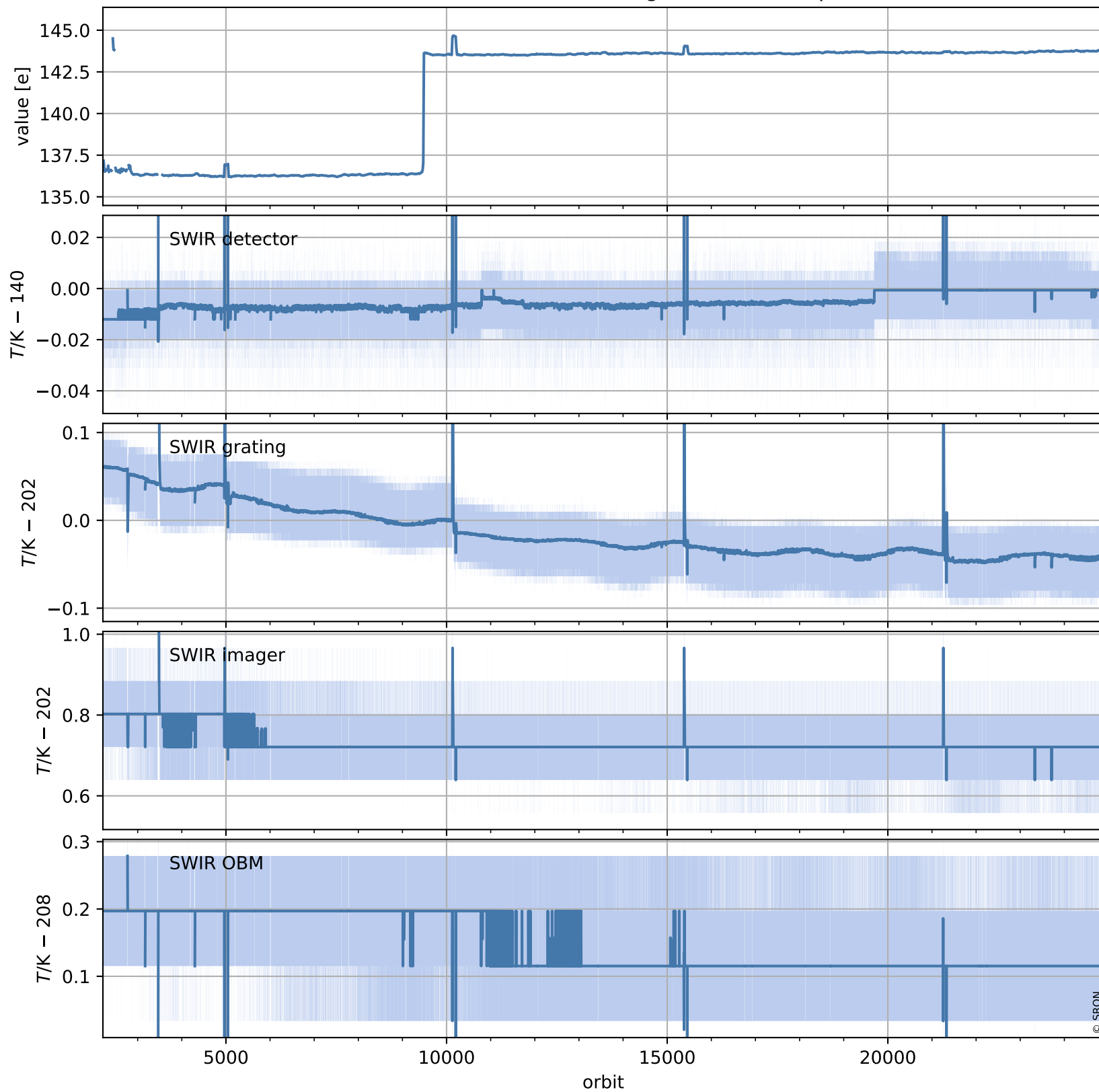
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24892]
coverage : 2018-03-18 / 2022-08-02
created : 2023-08-21T16:39:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24892]
coverage : 2018-03-18 / 2022-08-02
created : 2023-08-21T16:39:42

trend of normalized read-noise & temperatures

