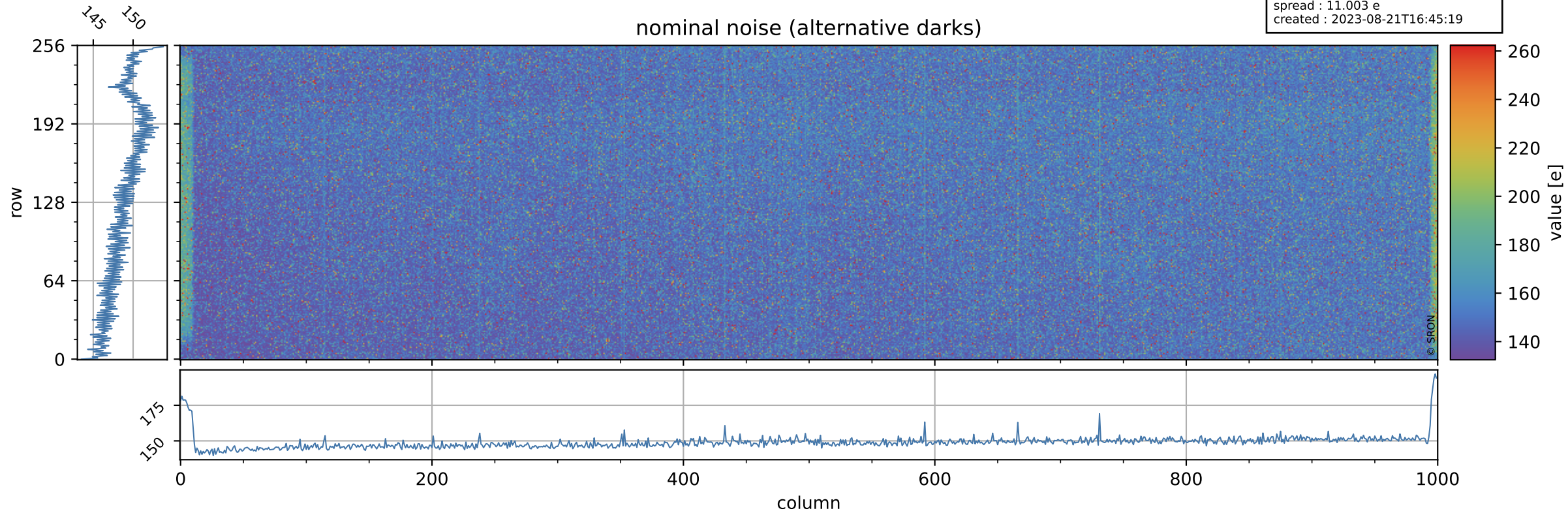


Tropomi SWIR background noise (swir)

orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 11.003 e
created : 2023-08-21T16:45:19

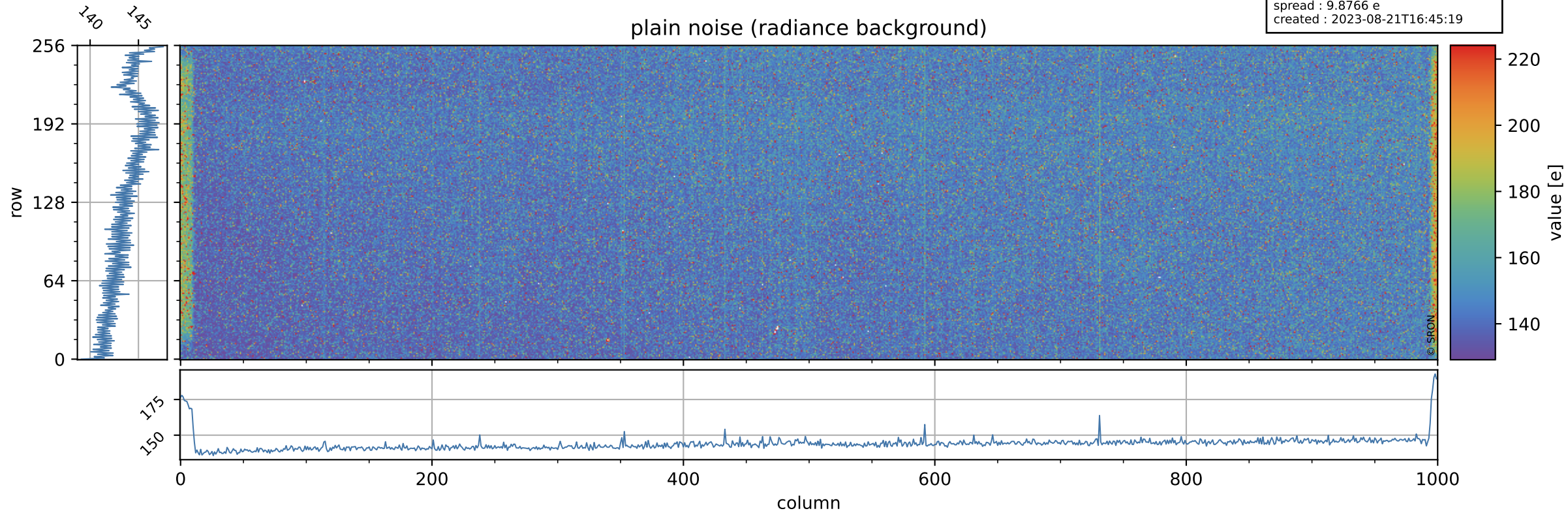
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.8766 e
created : 2023-08-21T16:45:19

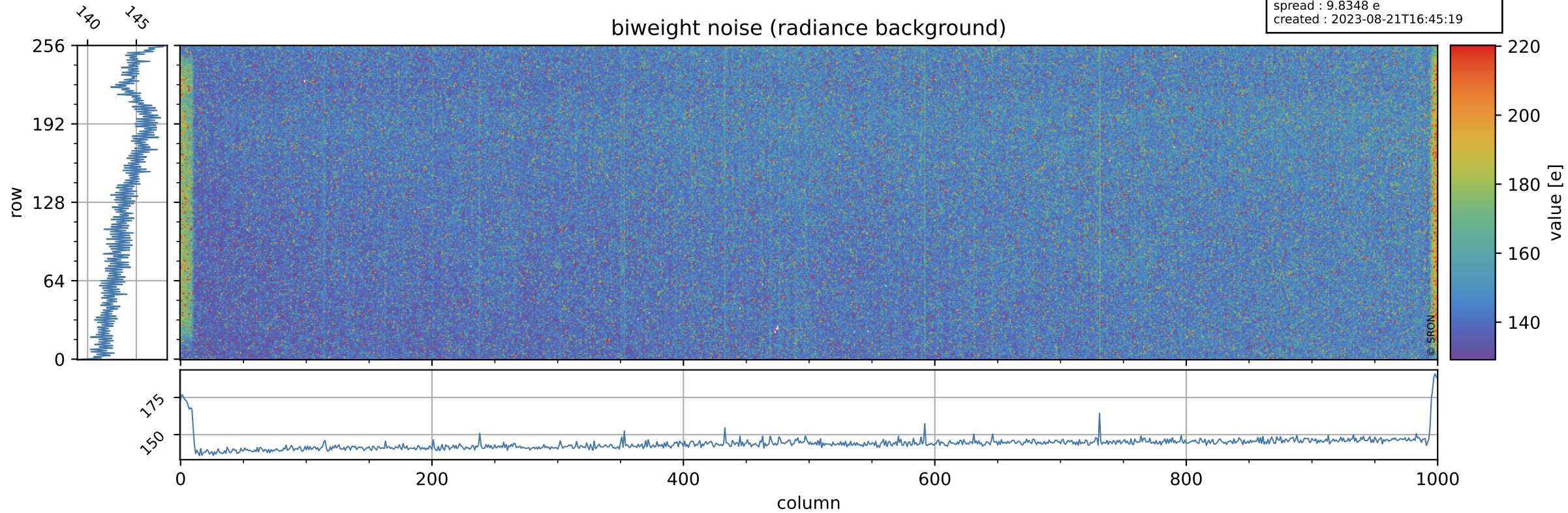
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8348 e
created : 2023-08-21T16:45:19

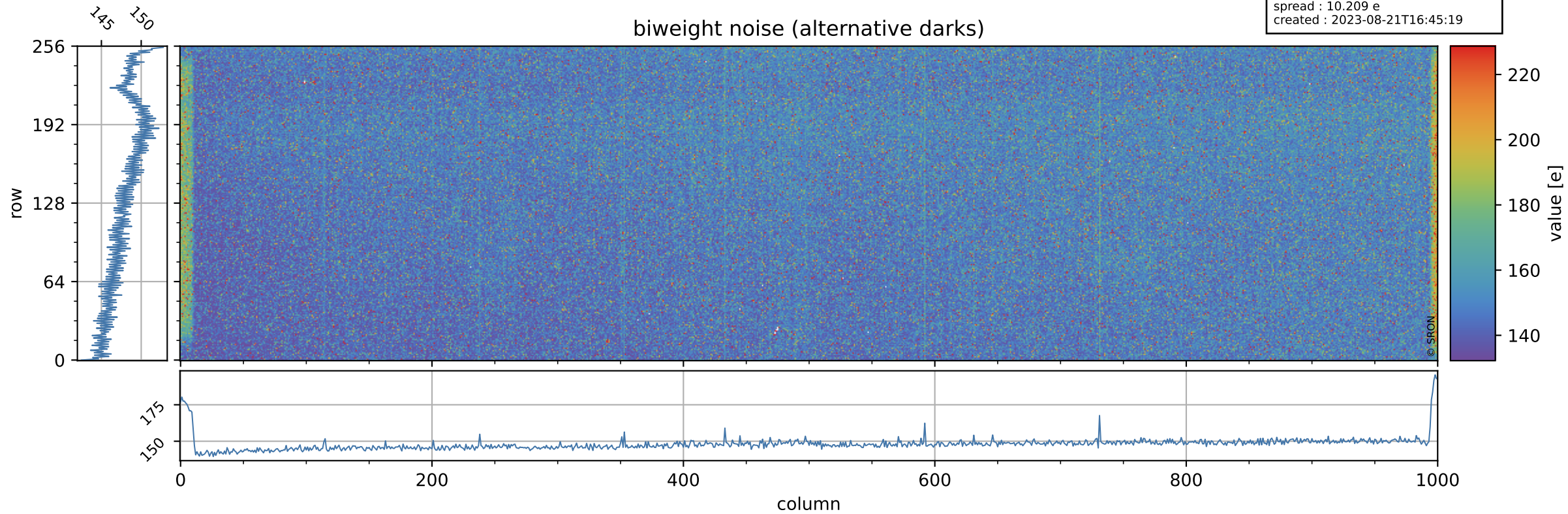
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.209 e
created : 2023-08-21T16:45:19

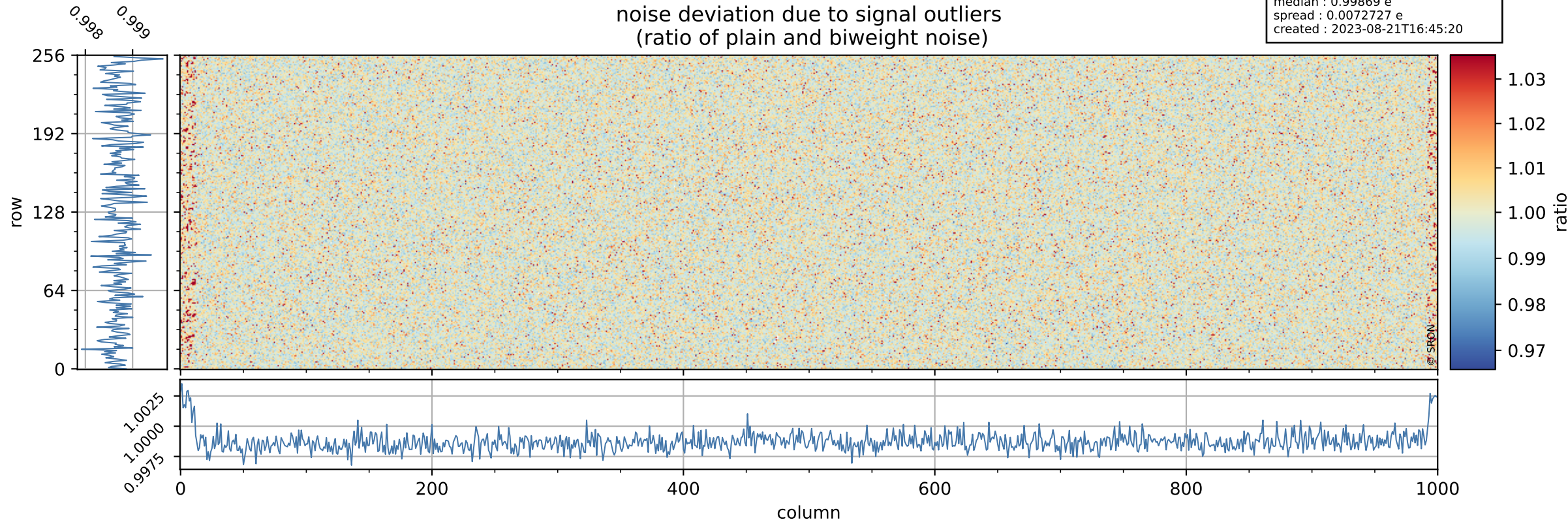
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

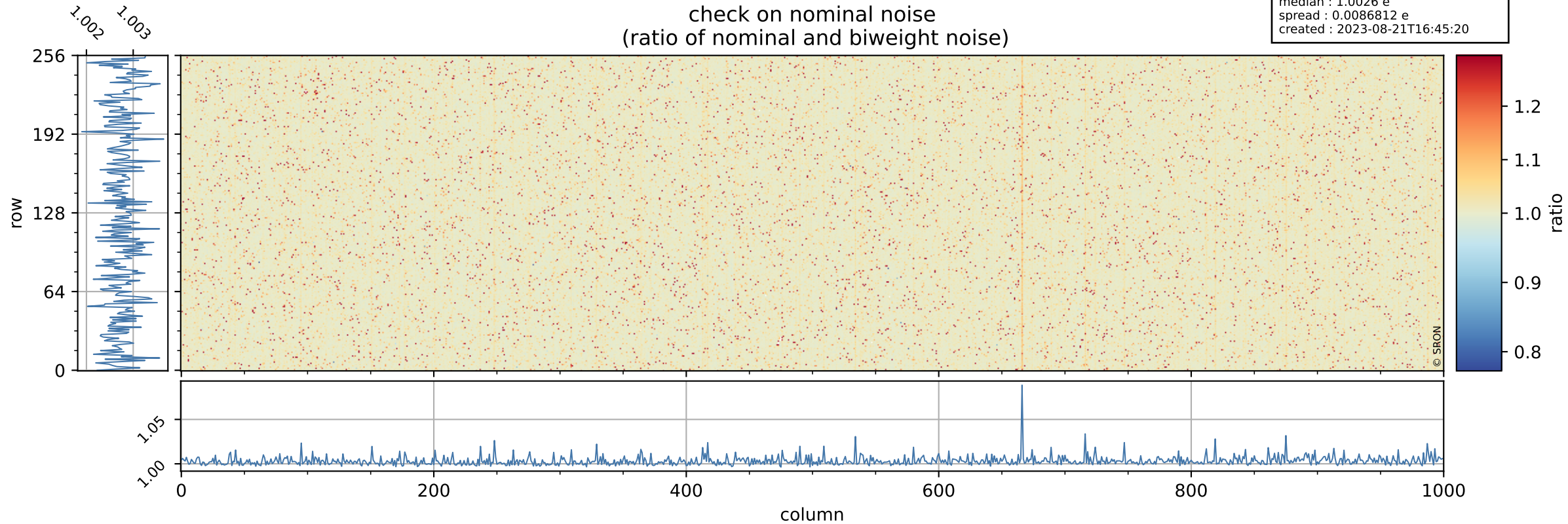
orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
median : 0.99869 e
spread : 0.0072727 e
created : 2023-08-21T16:45:20



Tropomi SWIR background noise (swir)

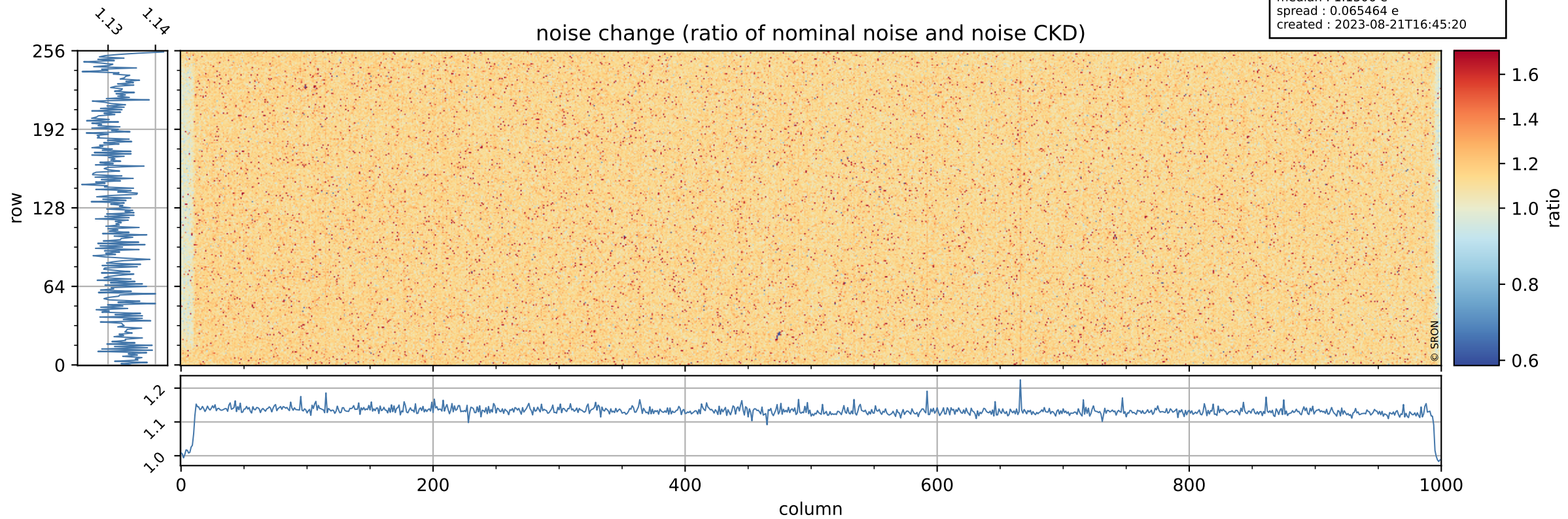
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
median : 1.0026 e
spread : 0.0086812 e
created : 2023-08-21T16:45:20



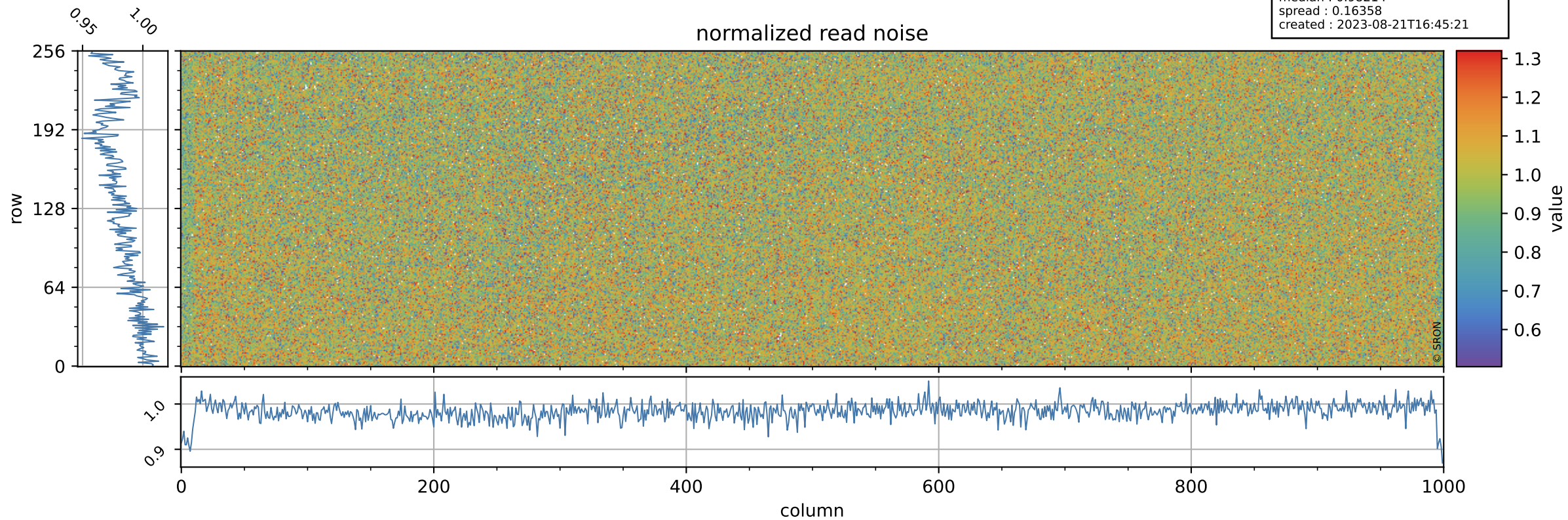
Tropomi SWIR background noise (swir)

orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
median : 1.1306 e
spread : 0.065464 e
created : 2023-08-21T16:45:20



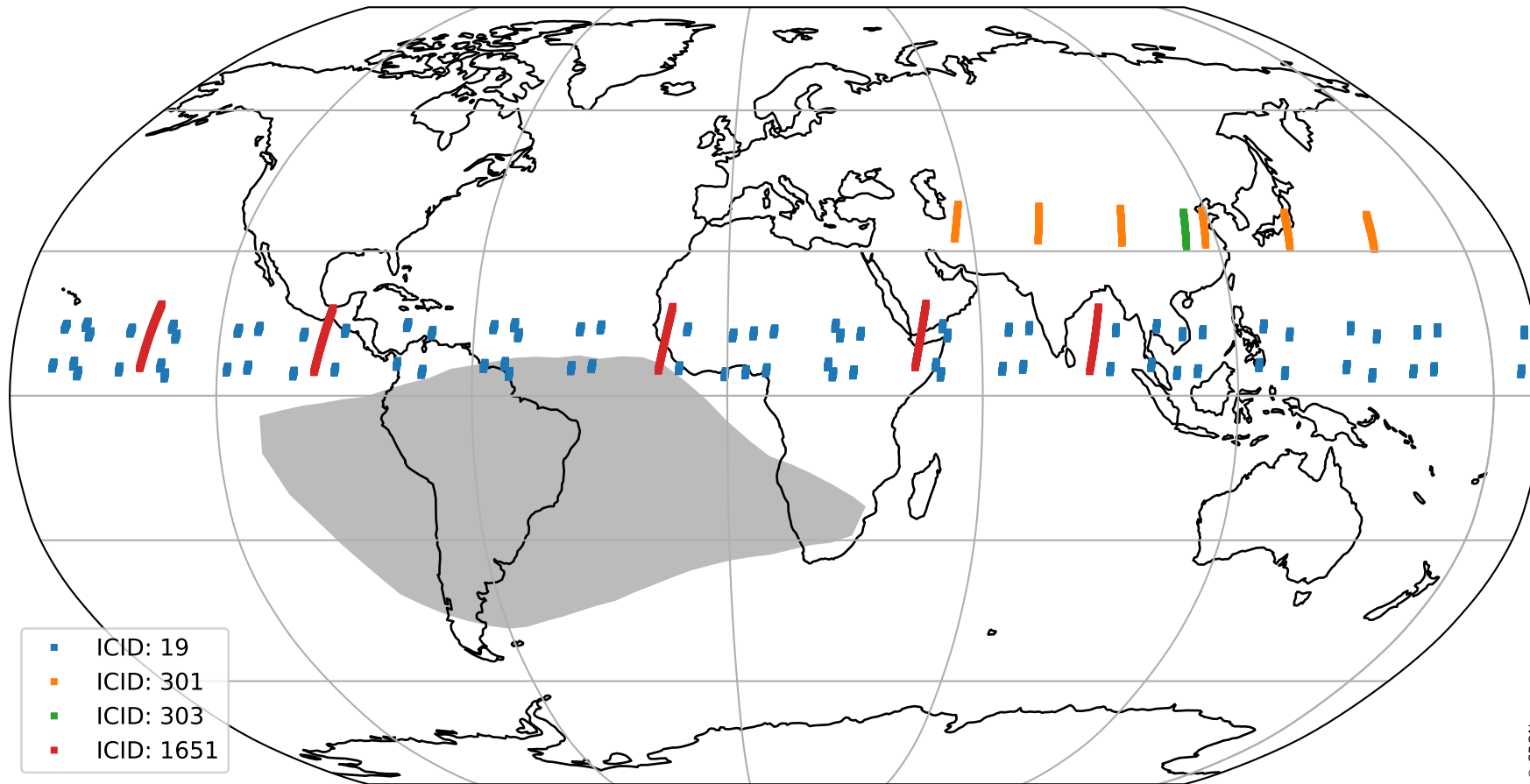
Tropomi SWIR background noise (swir)

orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
median : 0.98214
spread : 0.16358
created : 2023-08-21T16:45:21



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

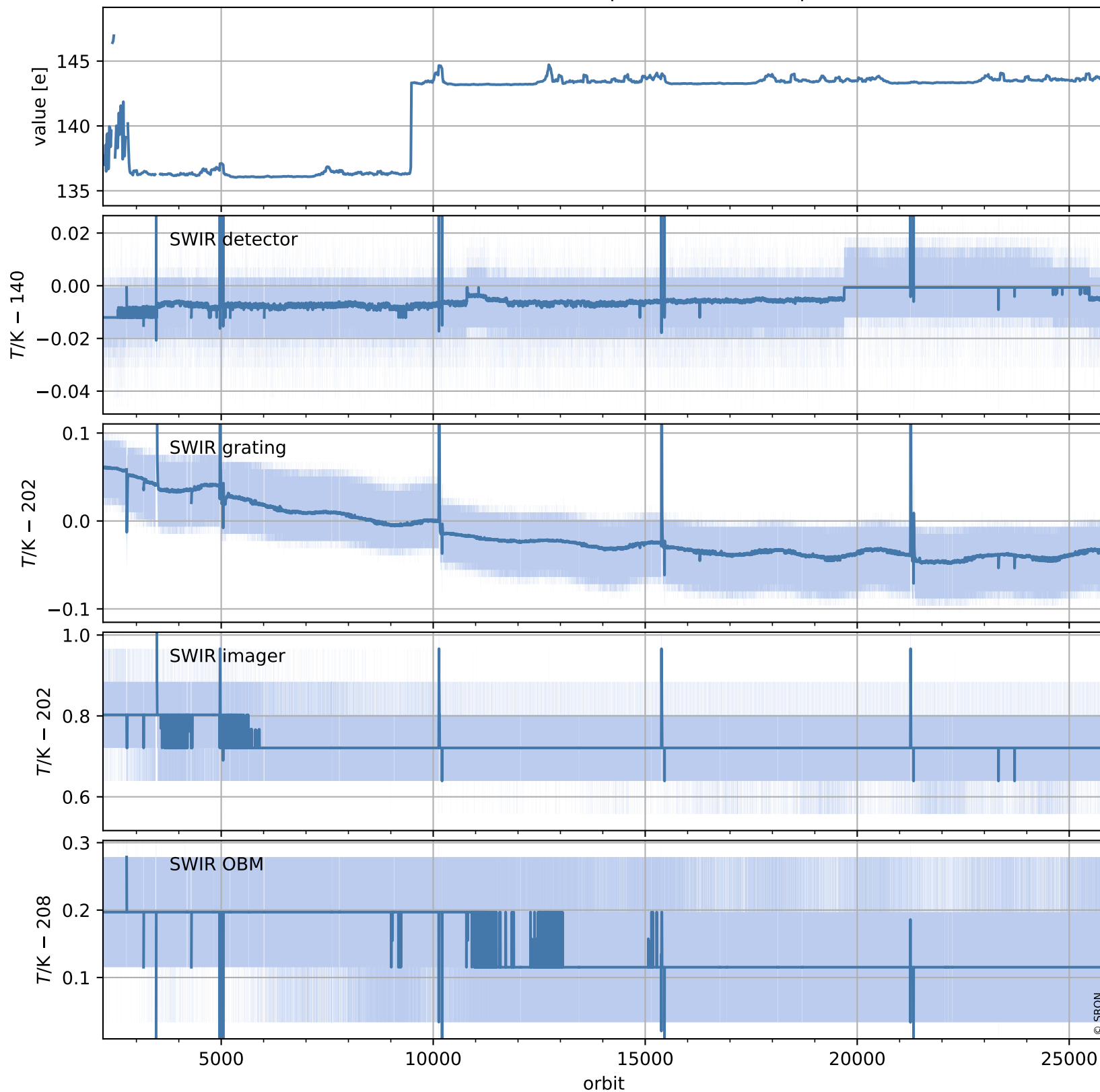
orbits : 12 in [25762, 25837]
coverage : 2022-10-02 / 2022-10-07
created : 2023-08-21T16:45:21



Tropomi SWIR background noise (swir)

orbits : [2212, 25837]
coverage : 2018-03-18 / 2022-10-07
created : 2023-08-21T16:45:21

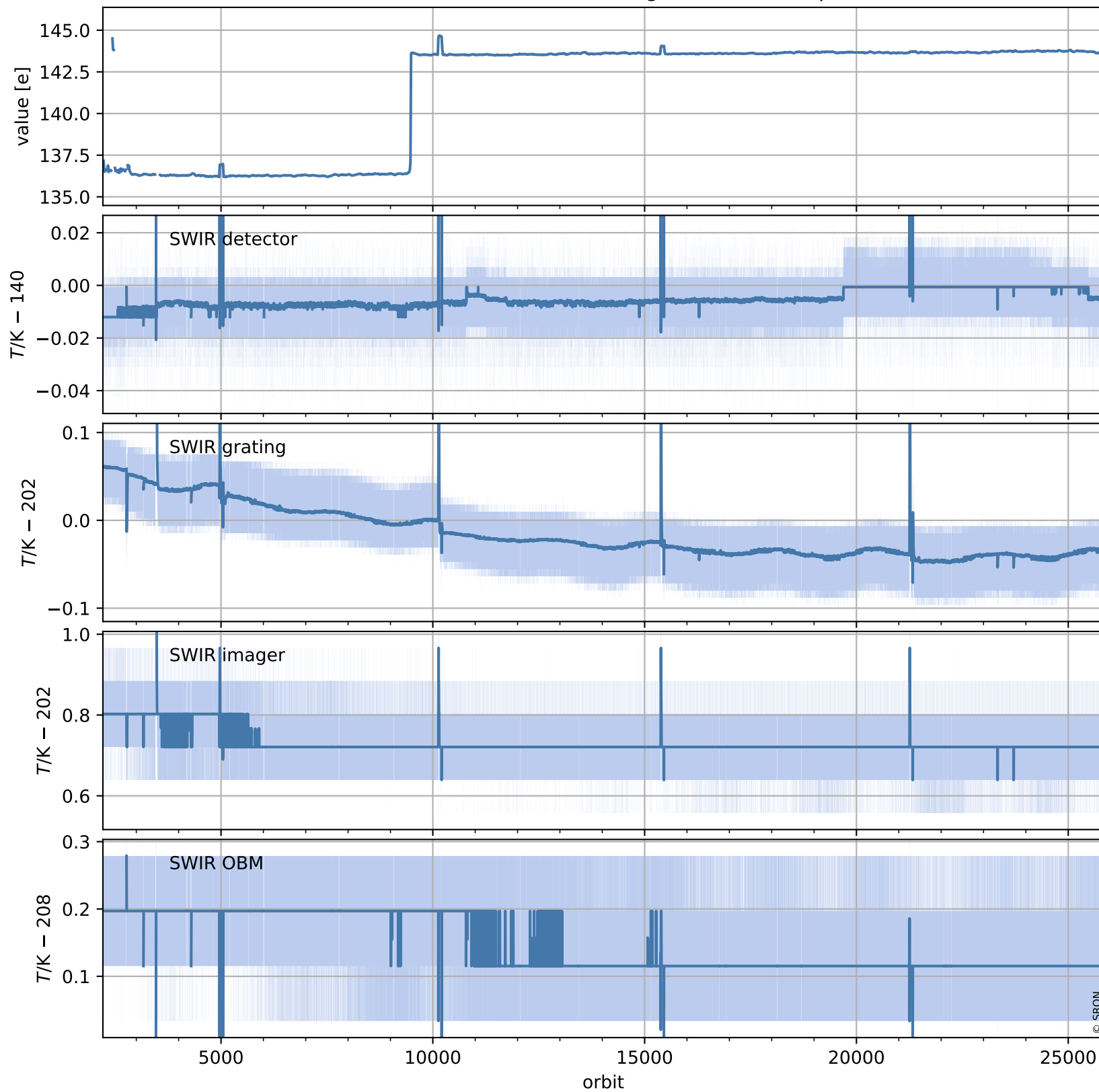
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25837]
coverage : 2018-03-18 / 2022-10-07
created : 2023-08-21T16:45:22

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25837]
coverage : 2018-03-18 / 2022-10-07
created : 2023-08-21T16:45:23

trend of normalized read-noise & temperatures

