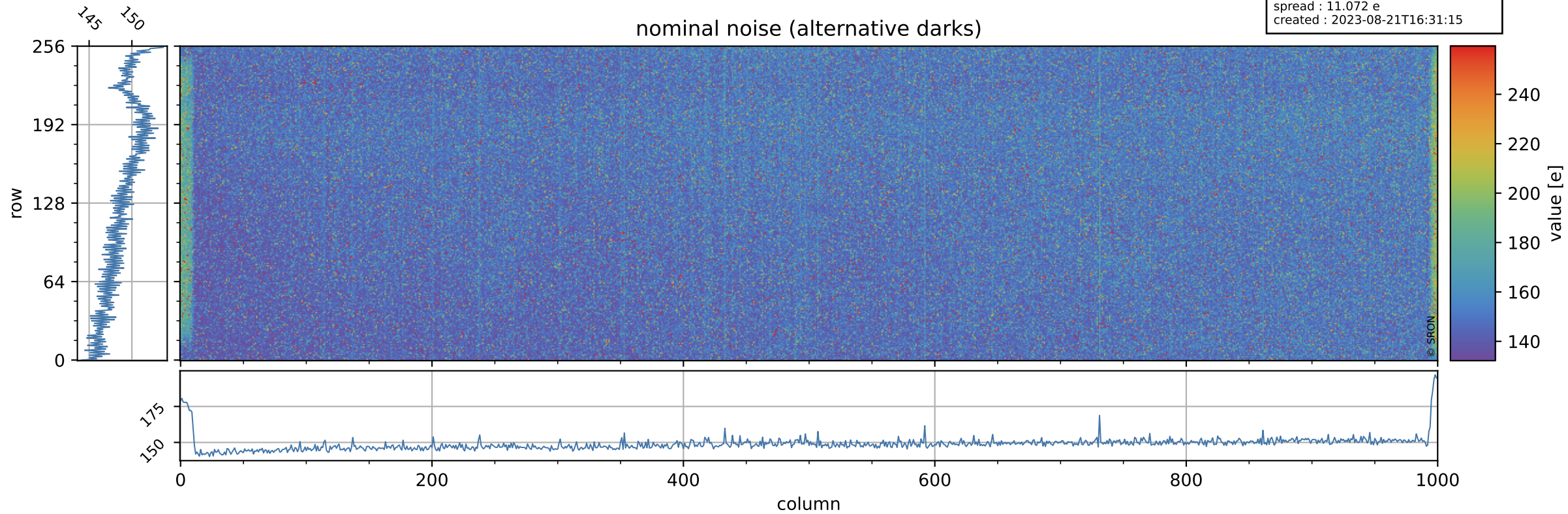


Tropomi SWIR background noise (swir)

orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 11.072 e
created : 2023-08-21T16:31:15

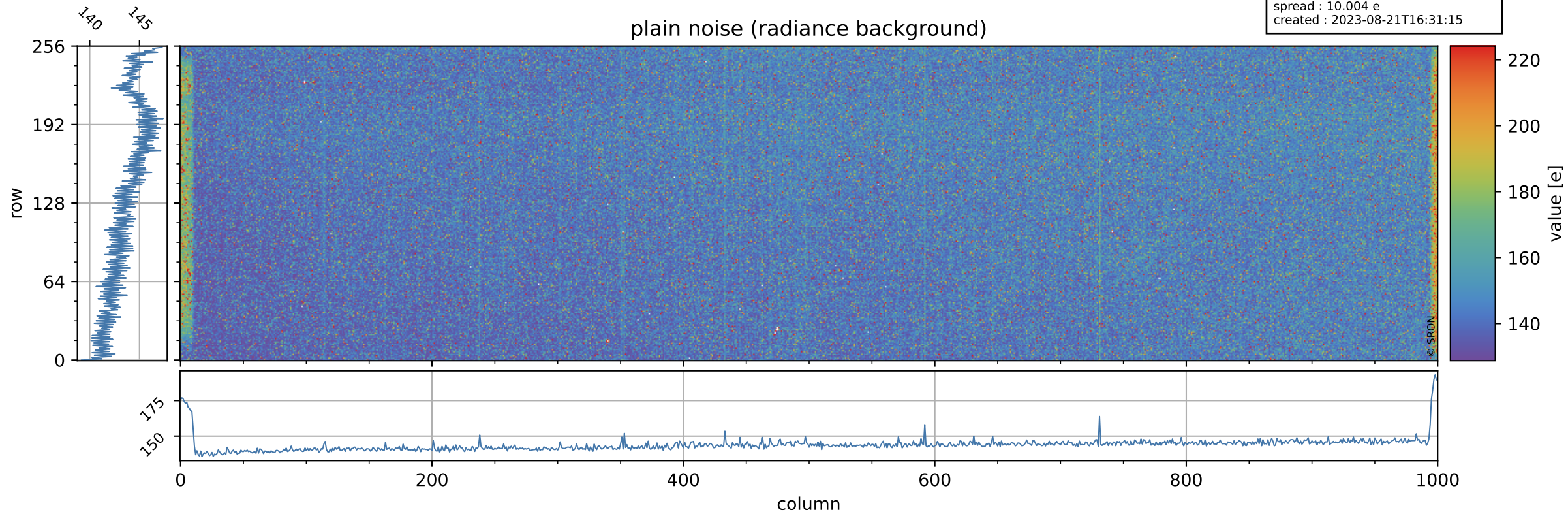
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
n_coad, t_exp : 1, 0.8383
median : 143.63 e
spread : 10.004 e
created : 2023-08-21T16:31:15

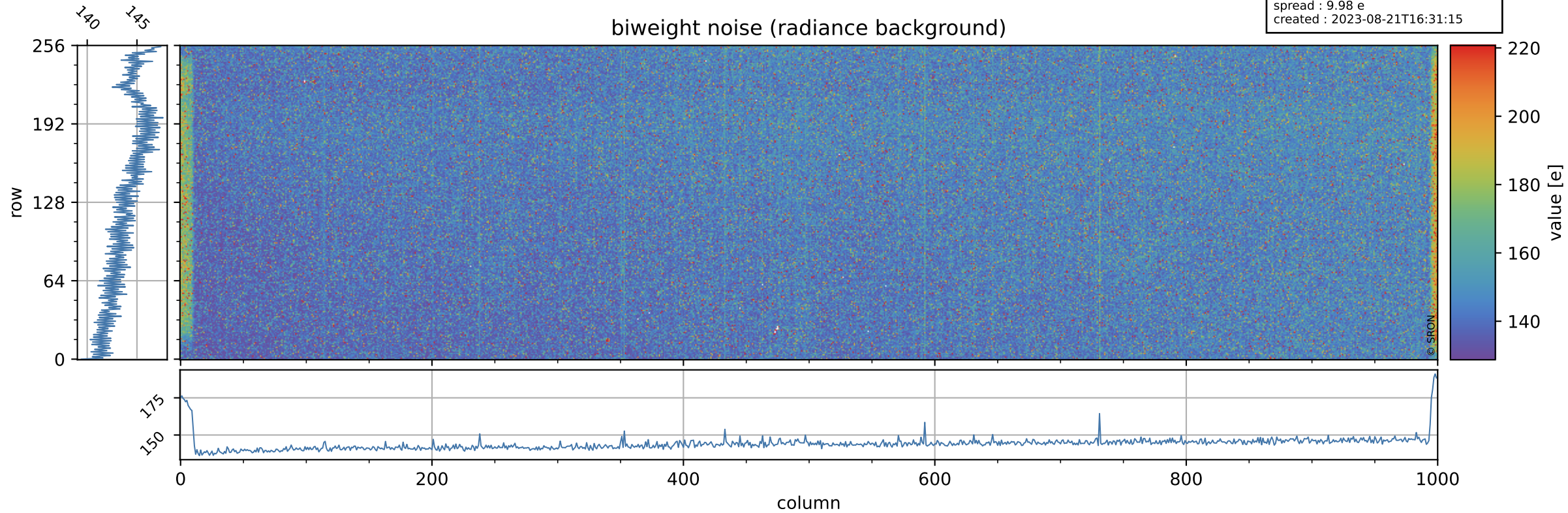
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.98 e
created : 2023-08-21T16:31:15

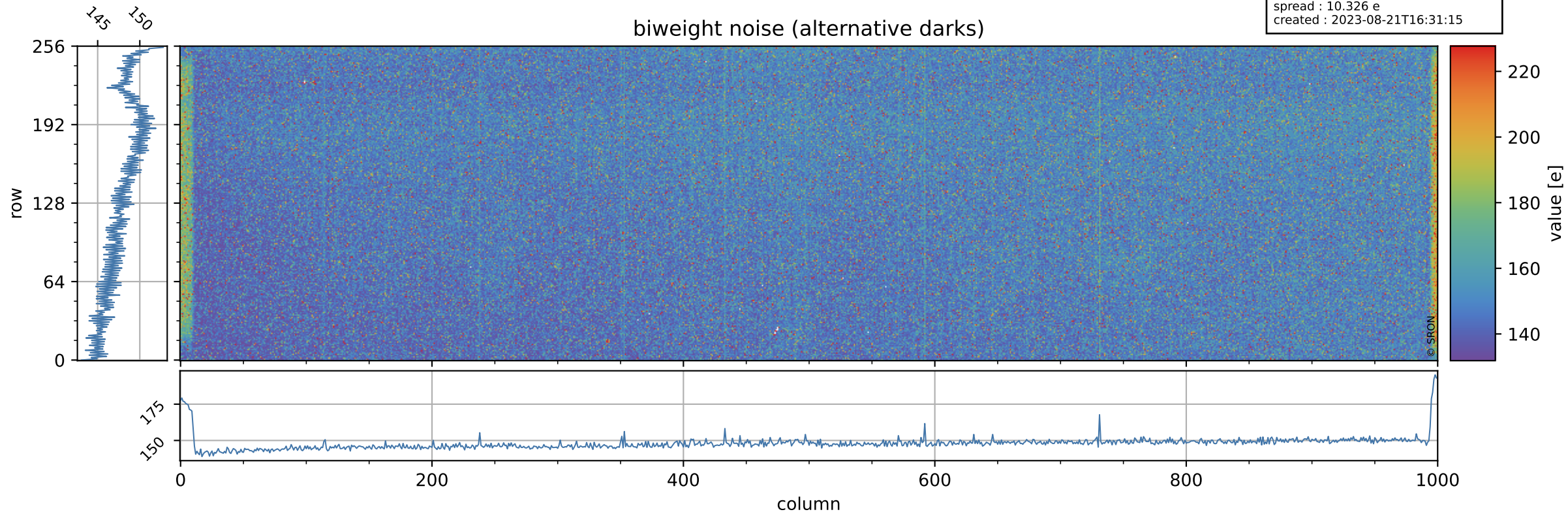
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.326 e
created : 2023-08-21T16:31:15

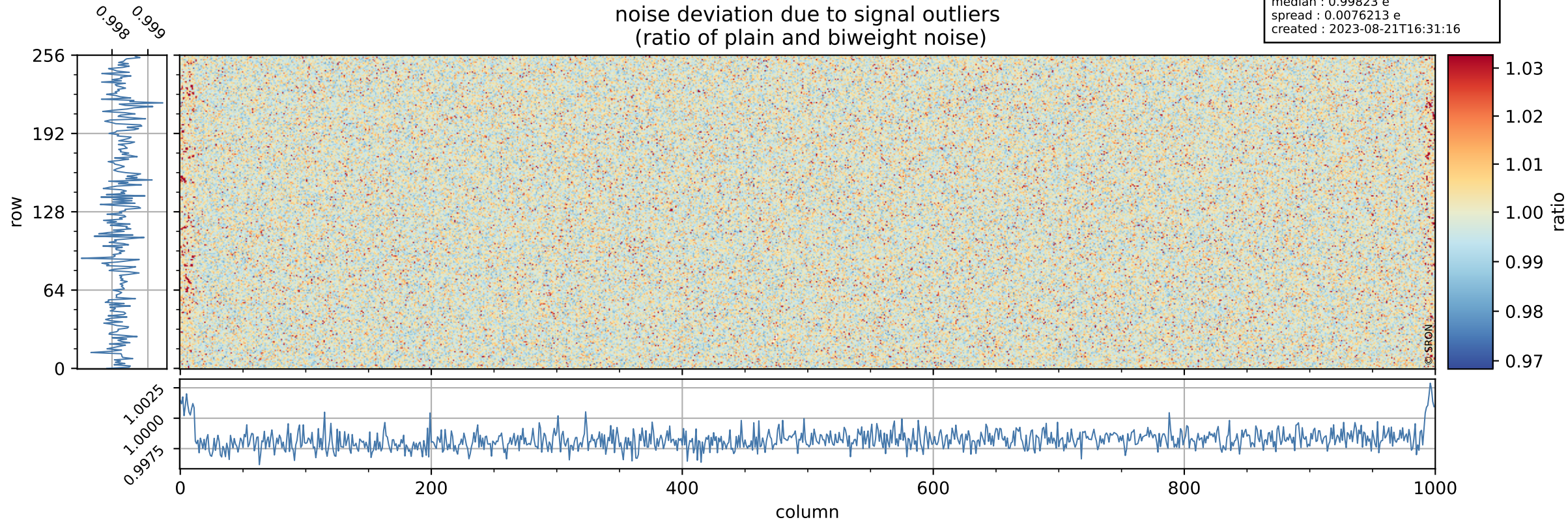
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

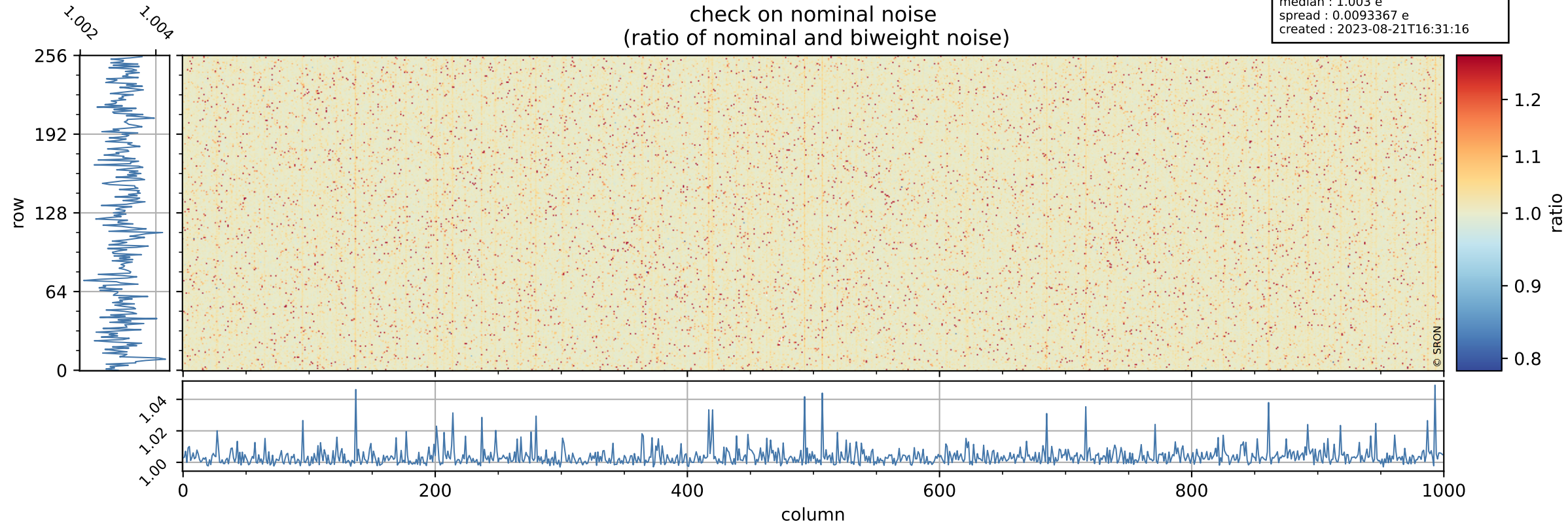
orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
median : 0.99823 e
spread : 0.0076213 e
created : 2023-08-21T16:31:16



Tropomi SWIR background noise (swir)

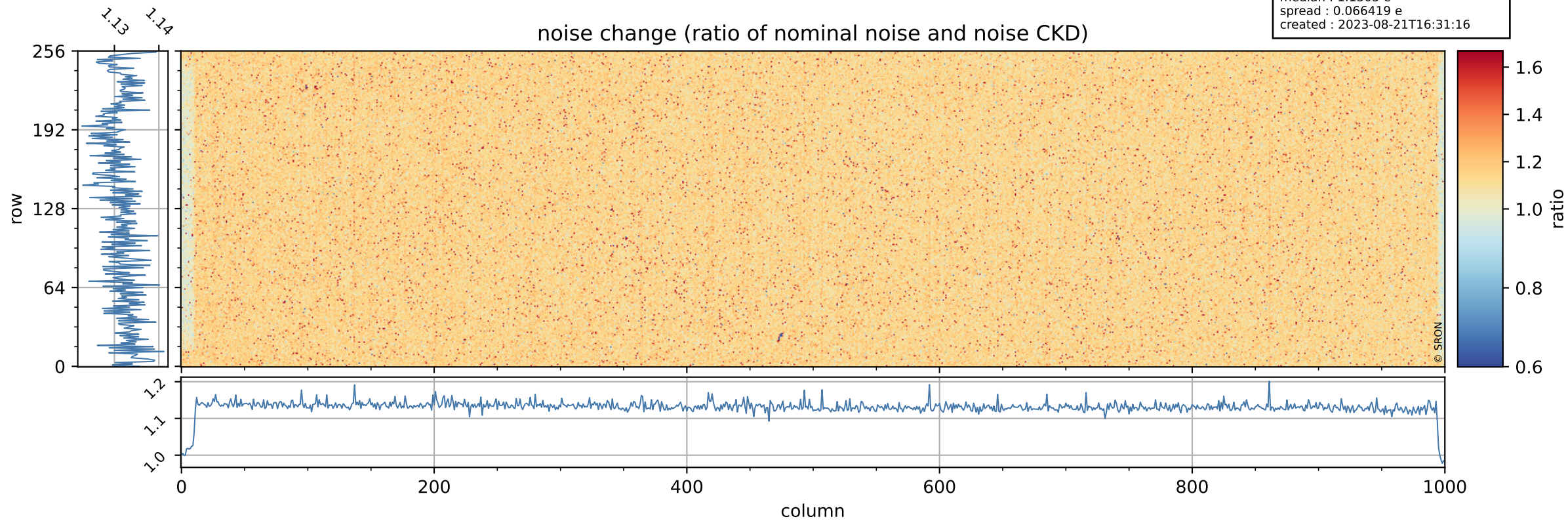
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
median : 1.003 e
spread : 0.0093367 e
created : 2023-08-21T16:31:16



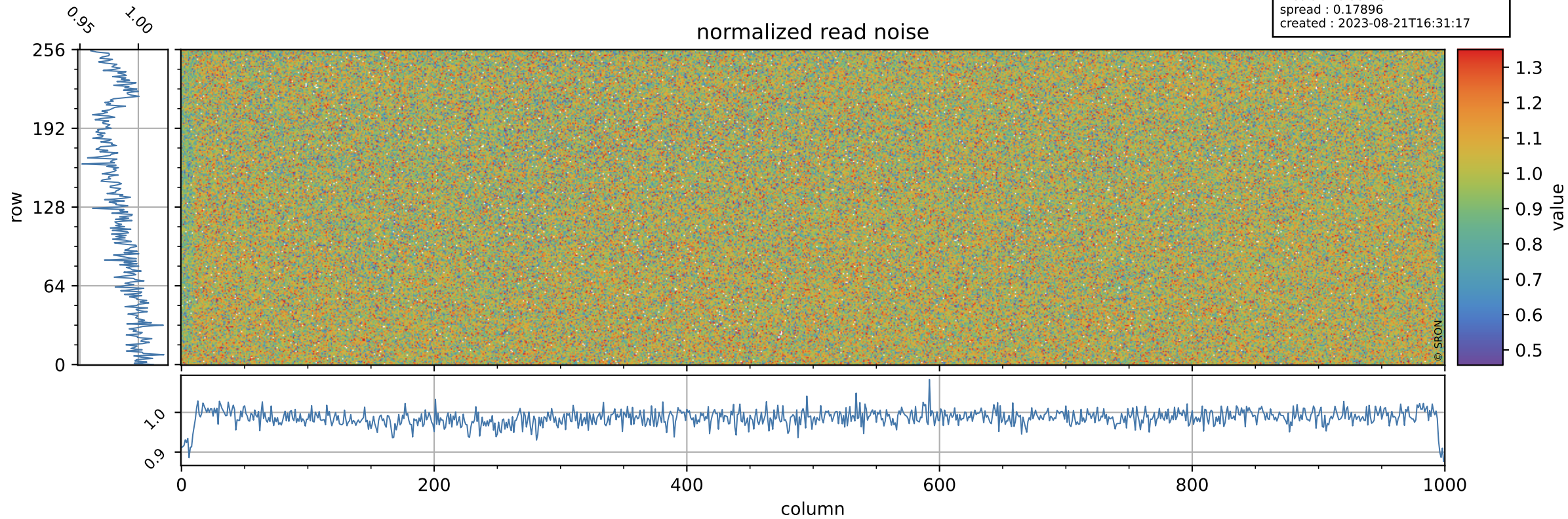
Tropomi SWIR background noise (swir)

orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
median : 1.1305 e
spread : 0.066419 e
created : 2023-08-21T16:31:16



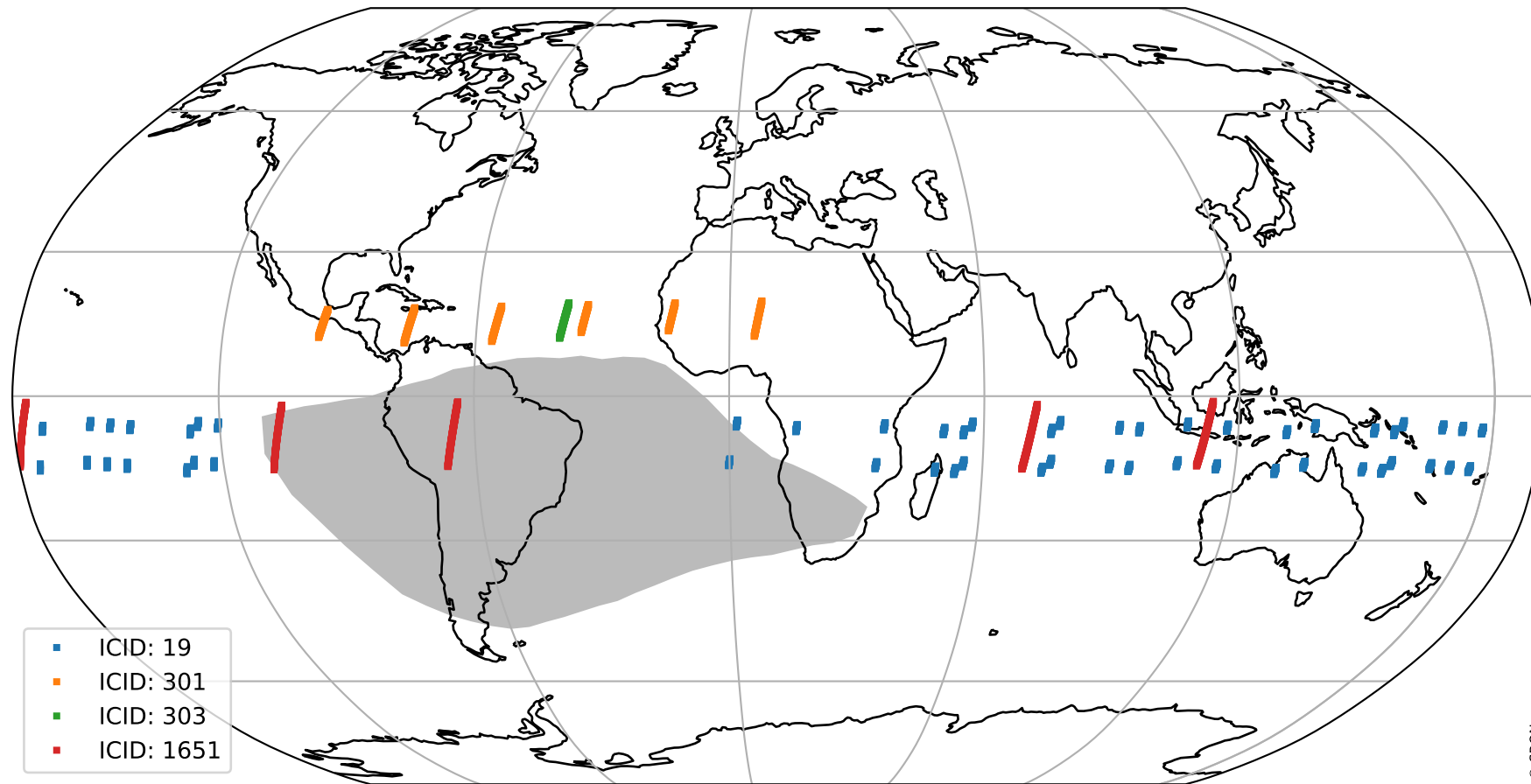
Tropomi SWIR background noise (swir)

orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
median : 0.98415
spread : 0.17896
created : 2023-08-21T16:31:17



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

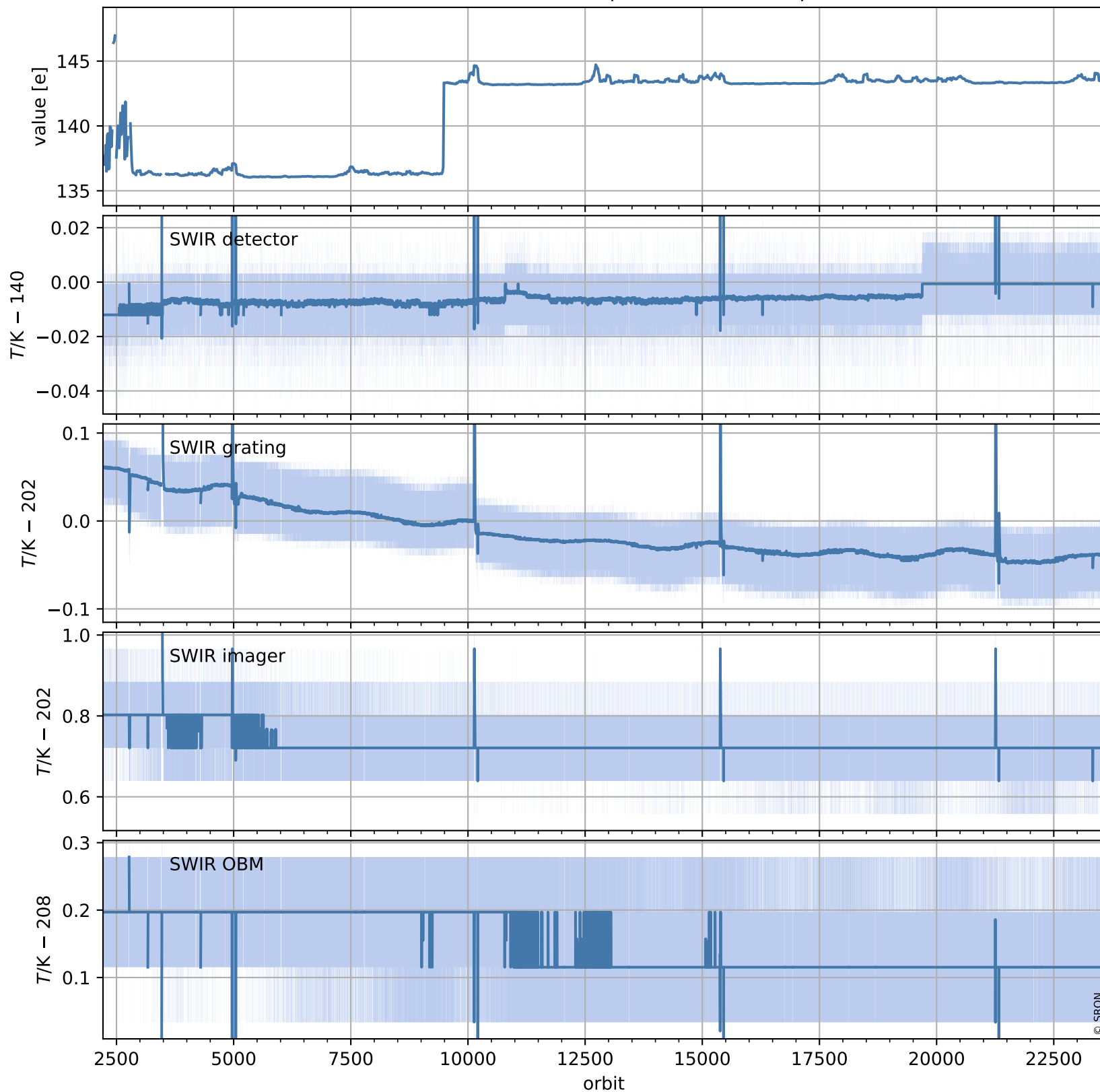
orbits : 12 in [23512, 23587]
coverage : 2022-04-26 / 2022-05-02
created : 2023-08-21T16:31:17



Tropomi SWIR background noise (swir)

orbits : [2212, 23587]
coverage : 2018-03-18 / 2022-05-02
created : 2023-08-21T16:31:17

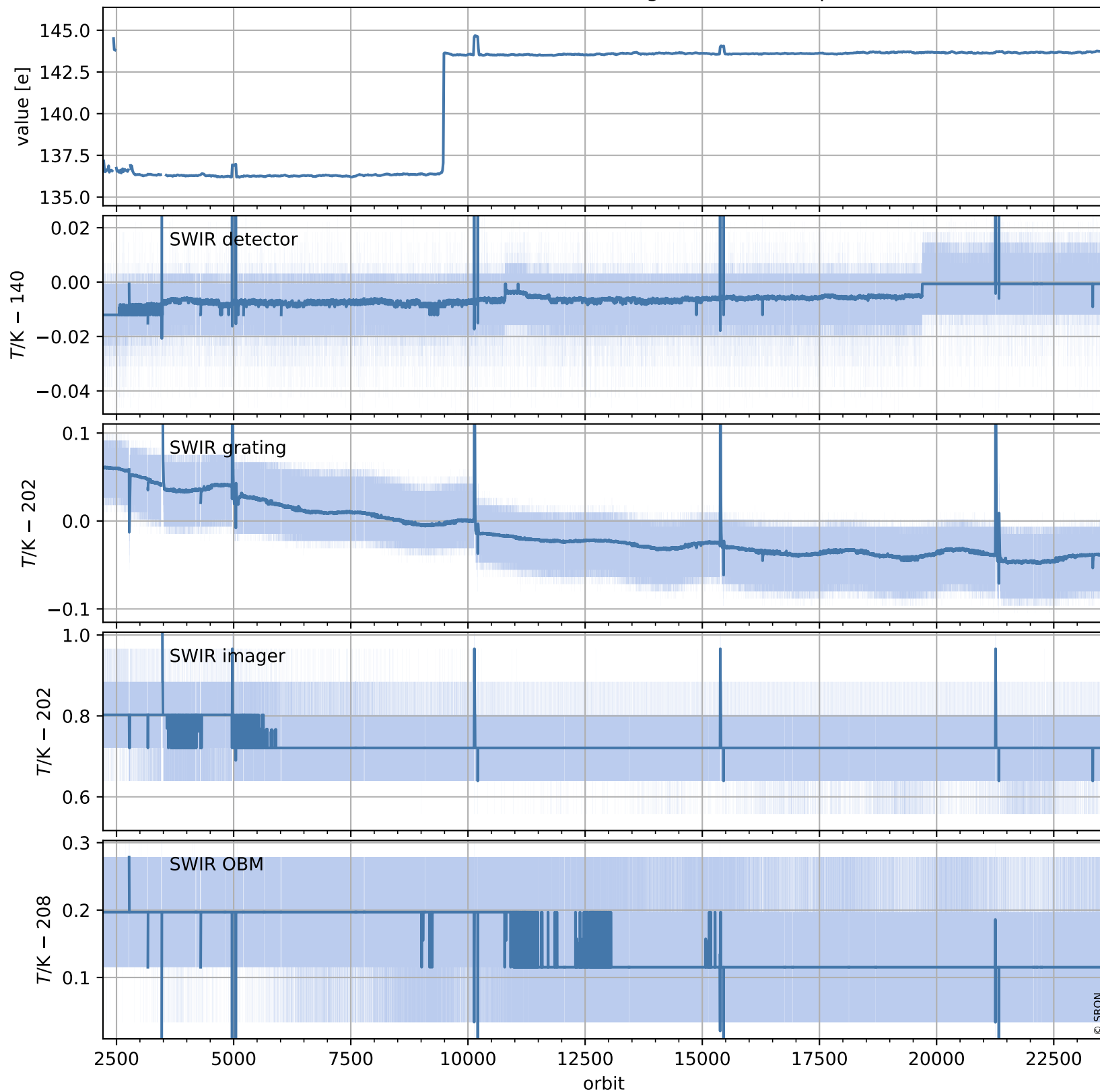
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23587]
coverage : 2018-03-18 / 2022-05-02
created : 2023-08-21T16:31:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23587]
coverage : 2018-03-18 / 2022-05-02
created : 2023-08-21T16:31:19

trend of normalized read-noise & temperatures

