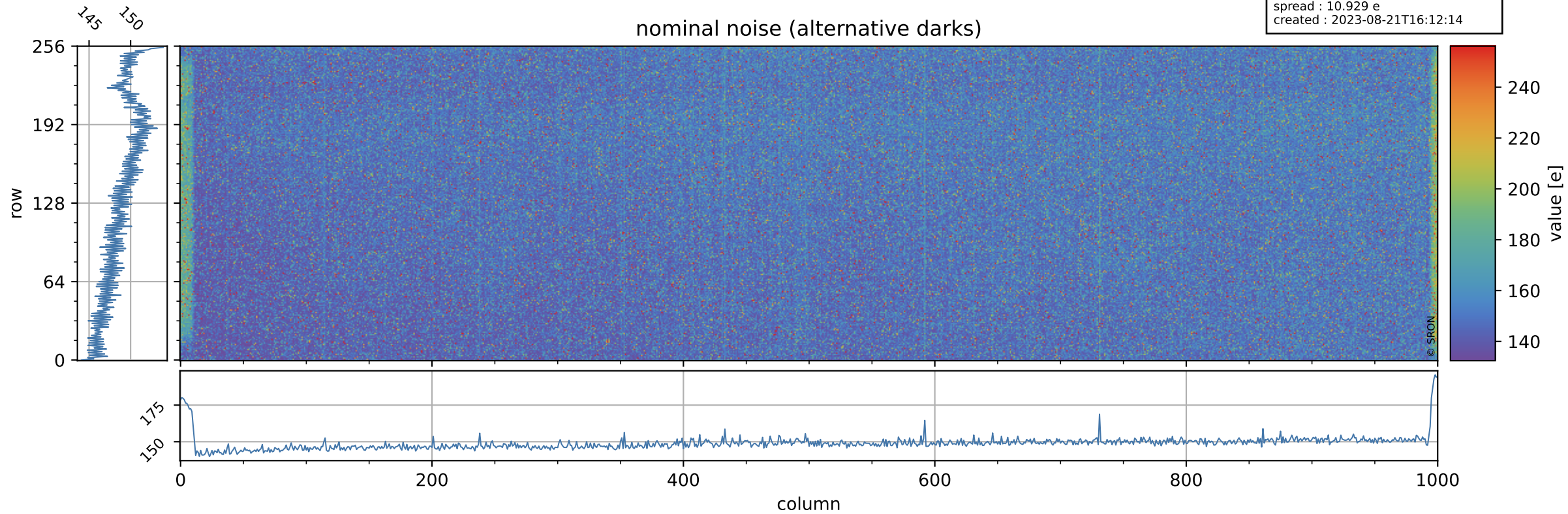


Tropomi SWIR background noise (swir)

orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.929 e
created : 2023-08-21T16:12:14

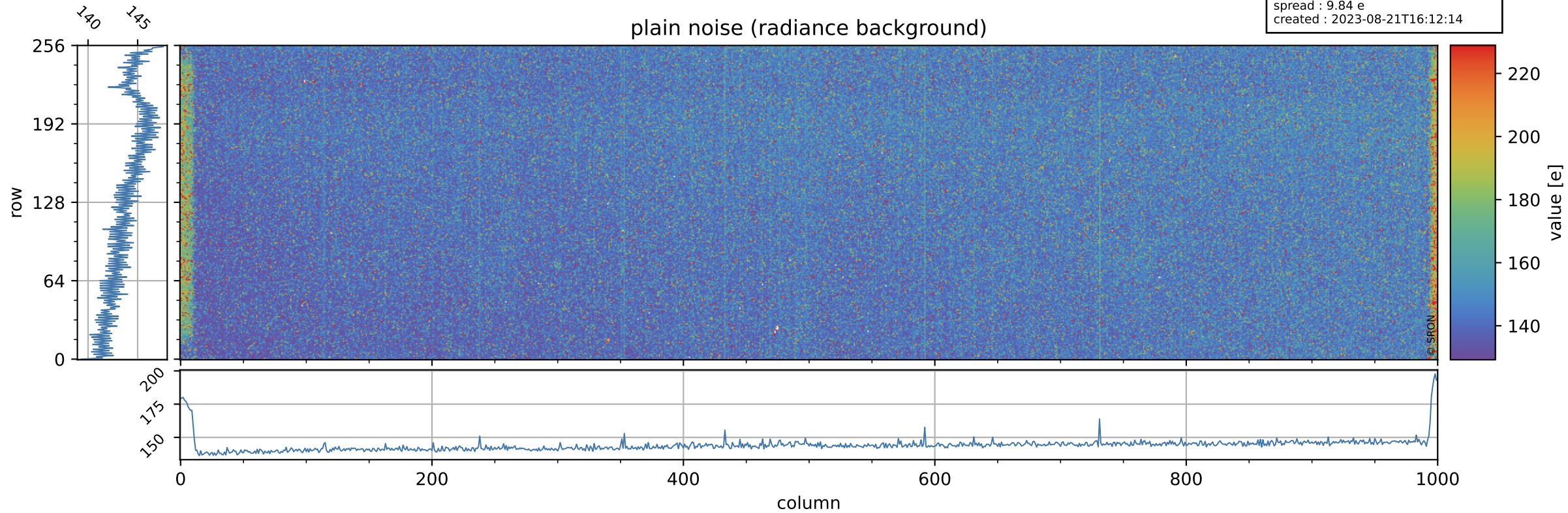
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.84 e
created : 2023-08-21T16:12:14

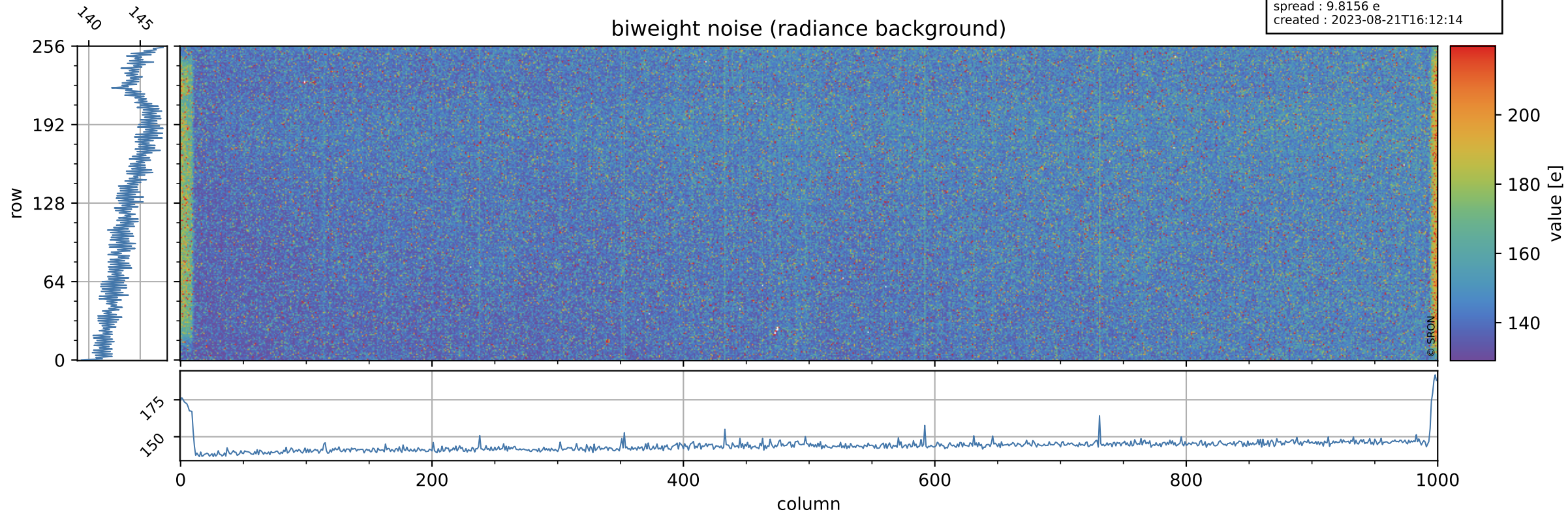
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8156 e
created : 2023-08-21T16:12:14

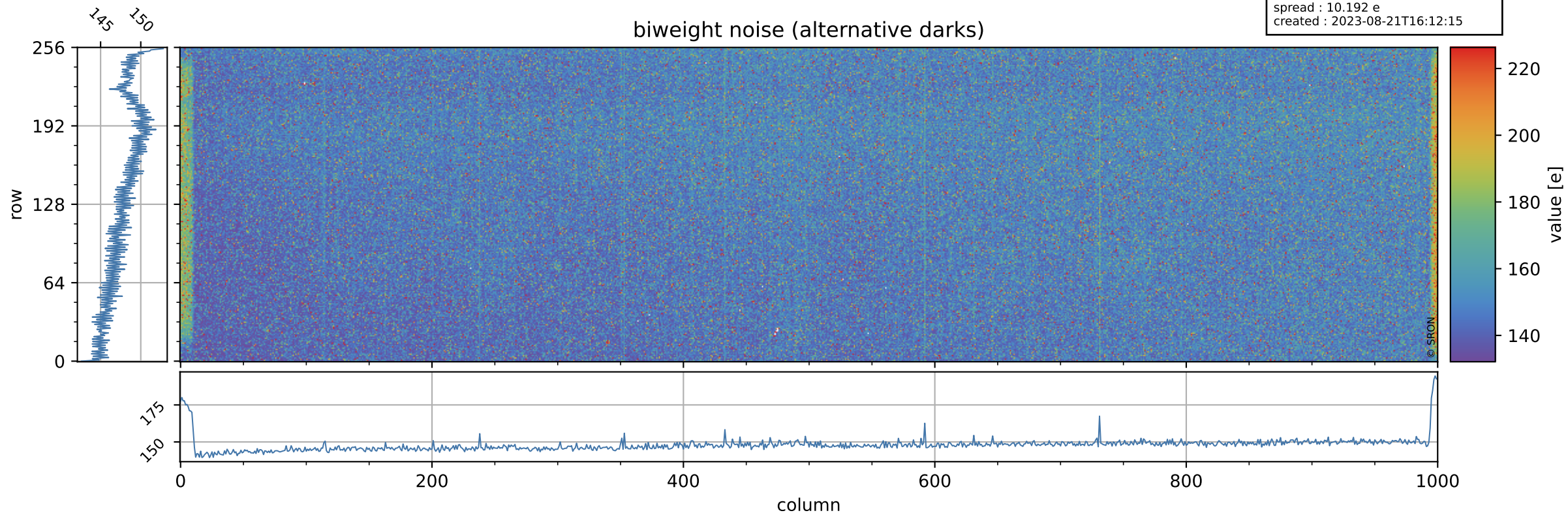
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.192 e
created : 2023-08-21T16:12:15

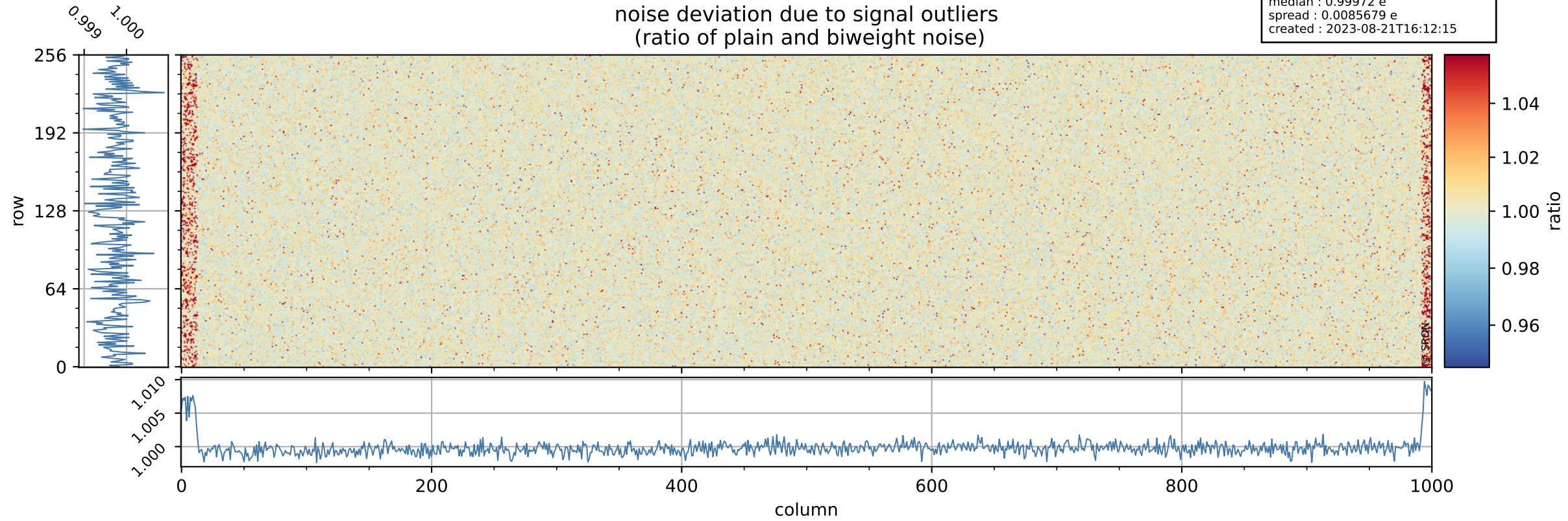
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

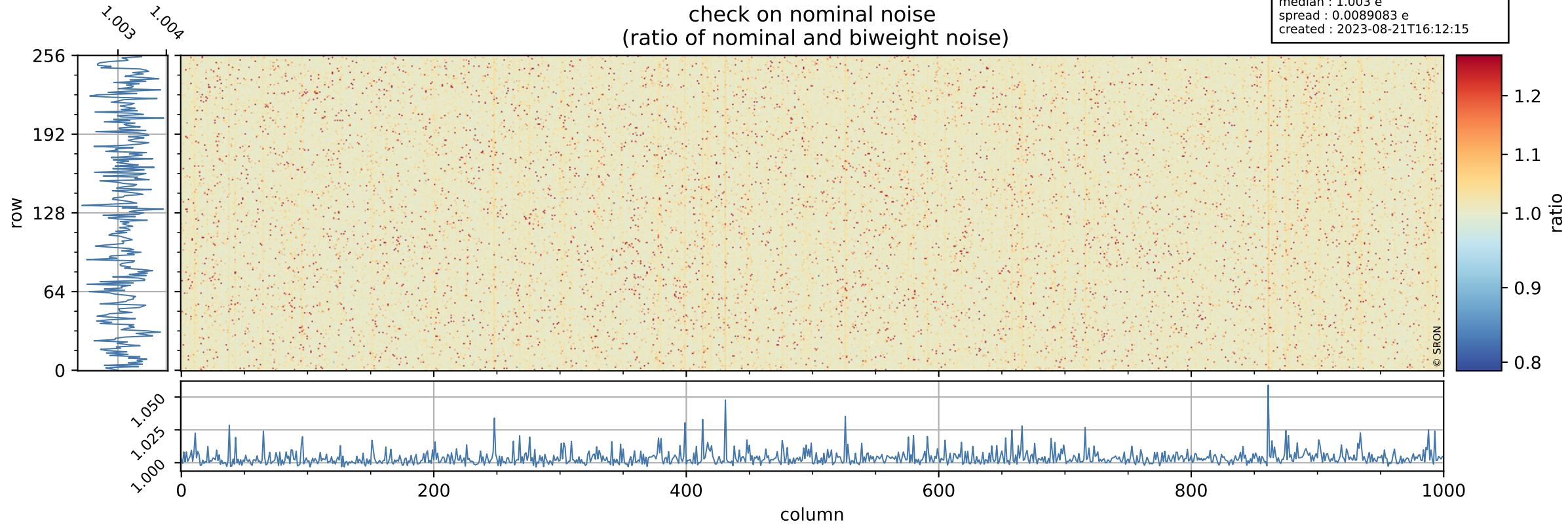
orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
median : 0.99972 e
spread : 0.0085679 e
created : 2023-08-21T16:12:15



Tropomi SWIR background noise (swir)

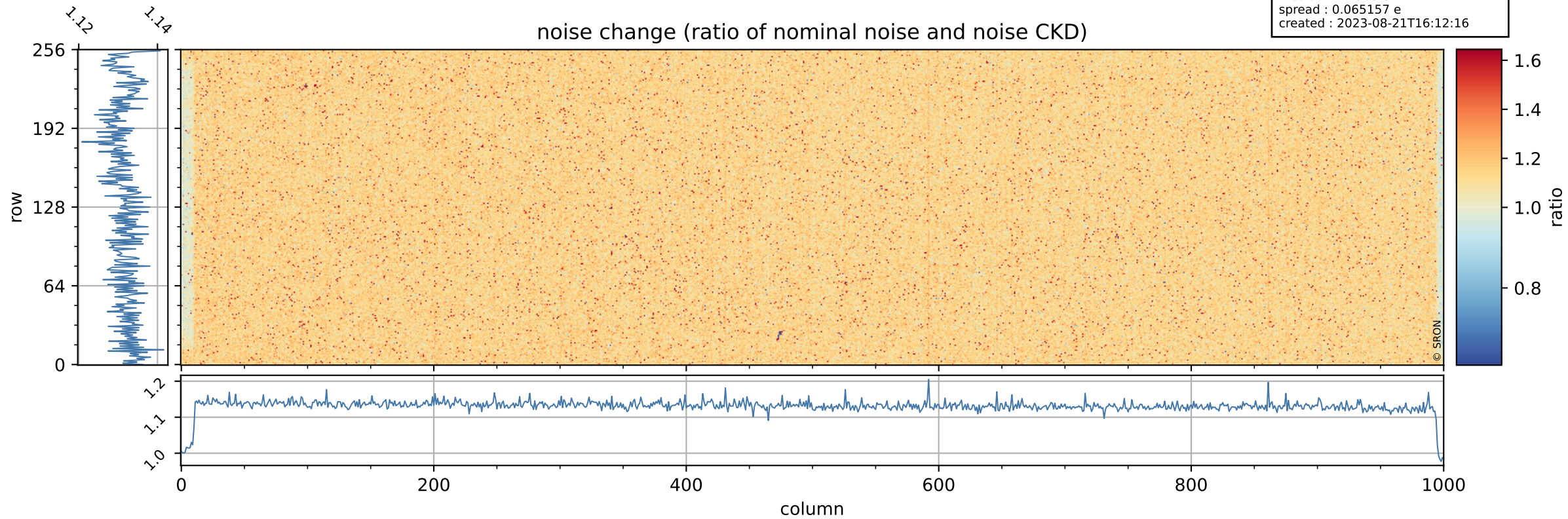
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
median : 1.003 e
spread : 0.0089083 e
created : 2023-08-21T16:12:15



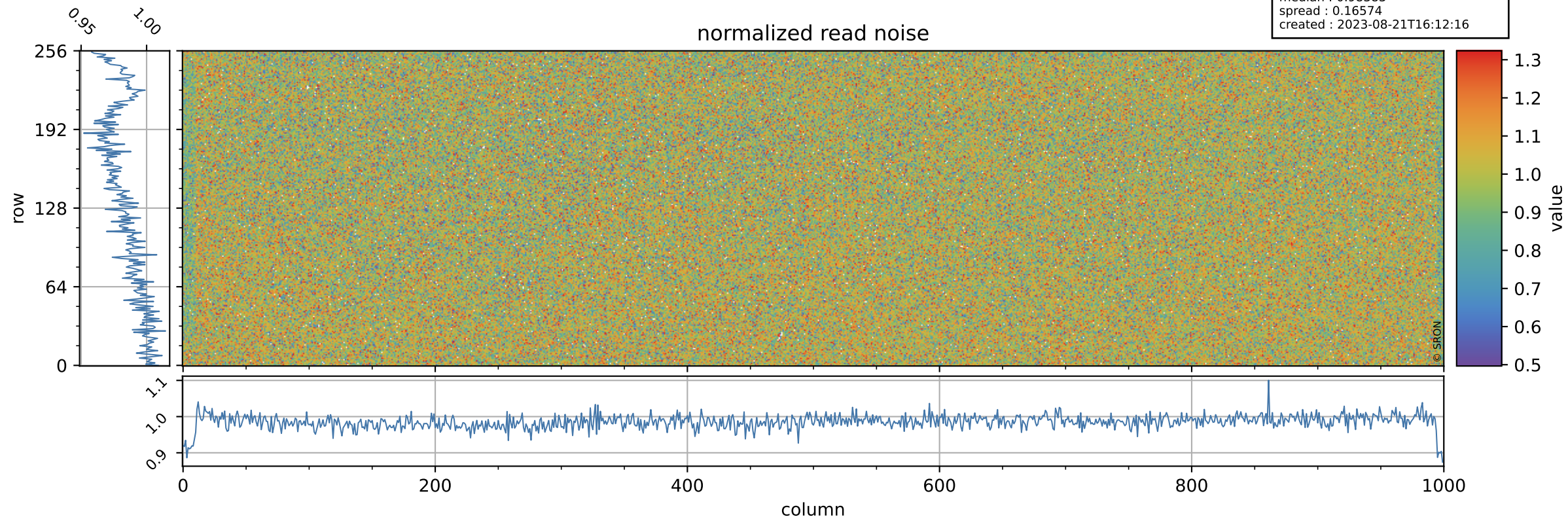
Tropomi SWIR background noise (swir)

orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
median : 1.1305 e
spread : 0.065157 e
created : 2023-08-21T16:12:16



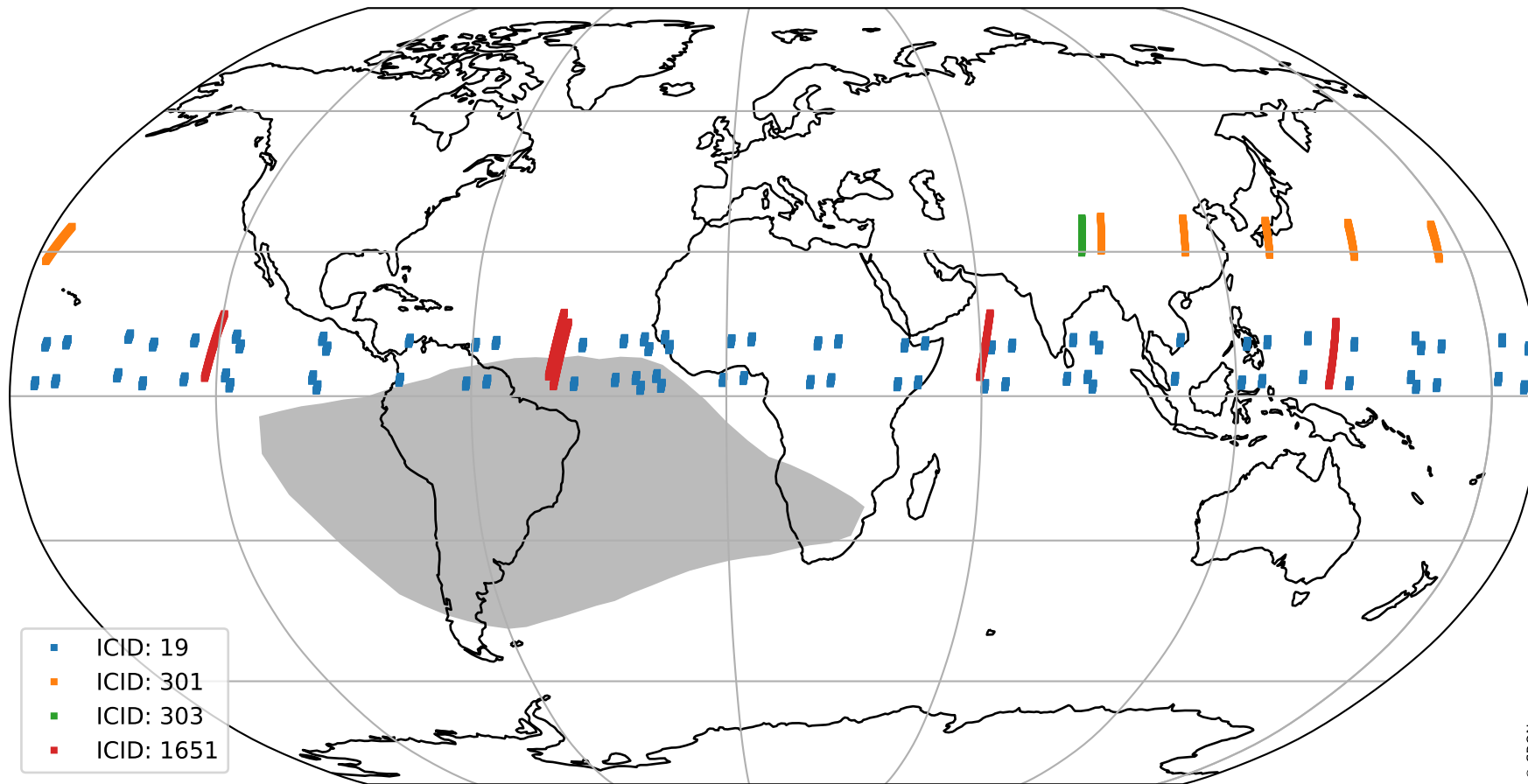
Tropomi SWIR background noise (swir)

orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
median : 0.98383
spread : 0.16574
created : 2023-08-21T16:12:16



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

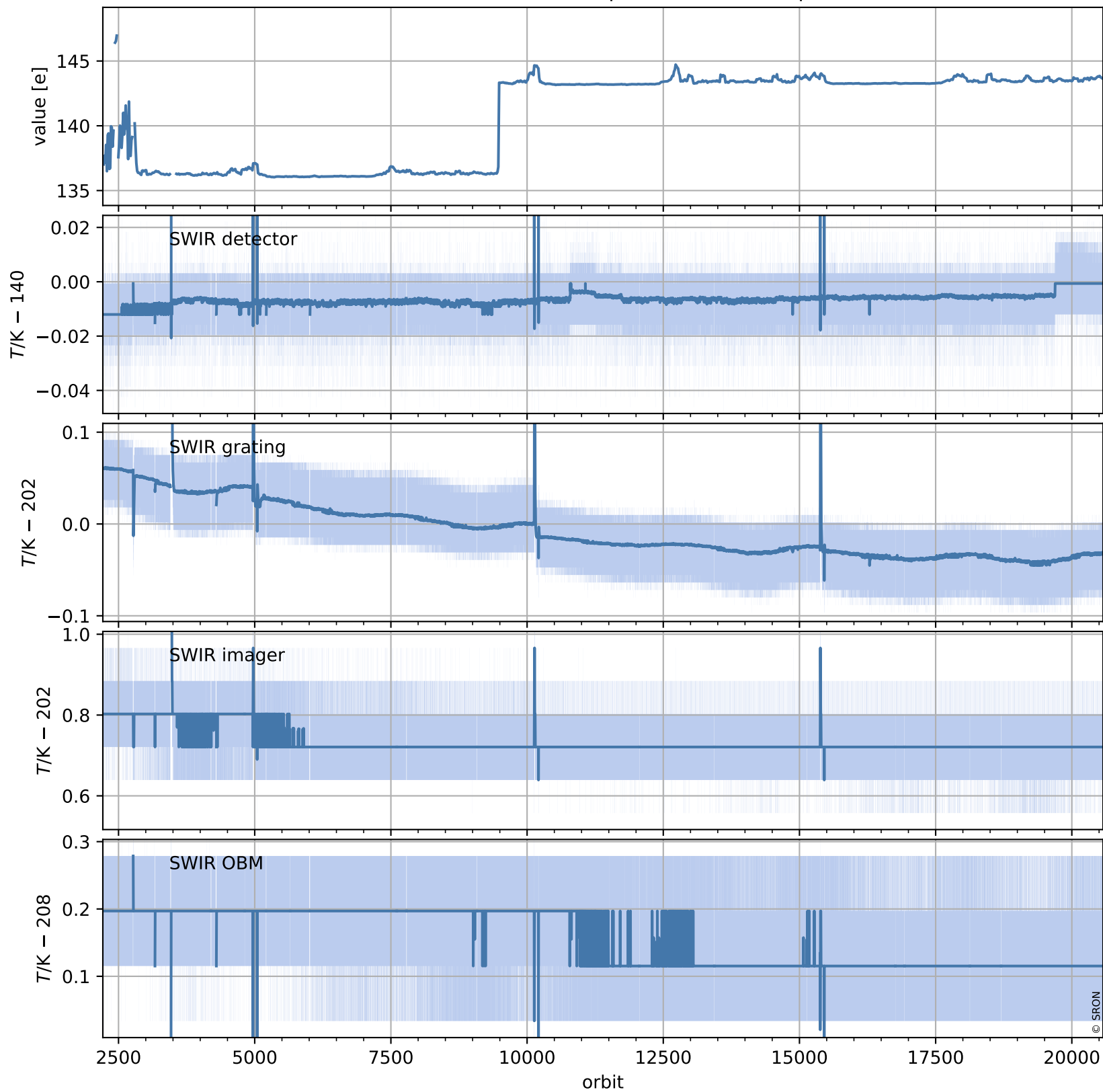
orbits : 12 in [20482, 20572]
coverage : 2021-09-26 / 2021-10-02
created : 2023-08-21T16:12:16



Tropomi SWIR background noise (swir)

orbits : [2212, 20572]
coverage : 2018-03-18 / 2021-10-02
created : 2023-08-21T16:12:17

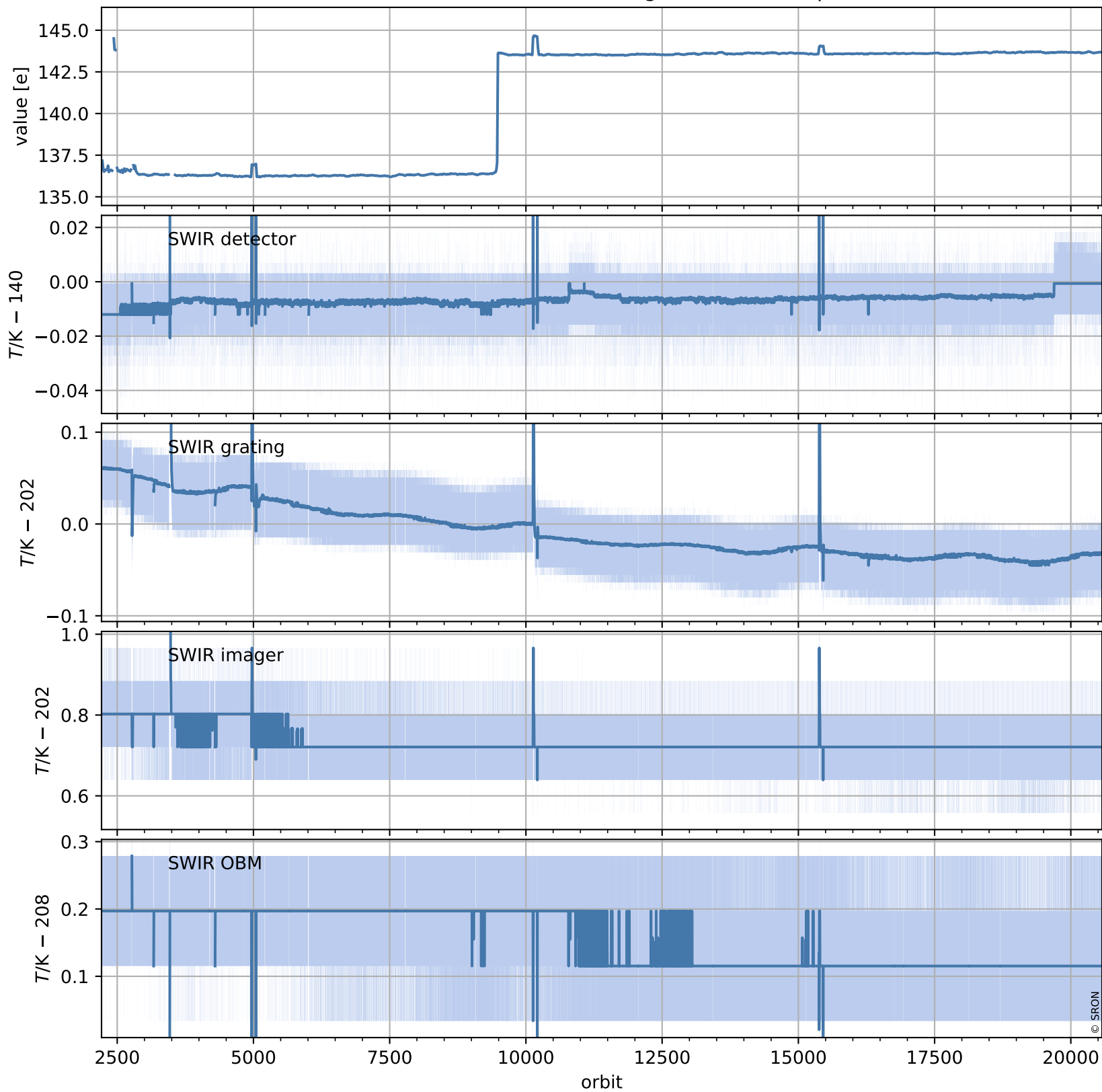
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20572]
coverage : 2018-03-18 / 2021-10-02
created : 2023-08-21T16:12:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20572]
coverage : 2018-03-18 / 2021-10-02
created : 2023-08-21T16:12:18

trend of normalized read-noise & temperatures

