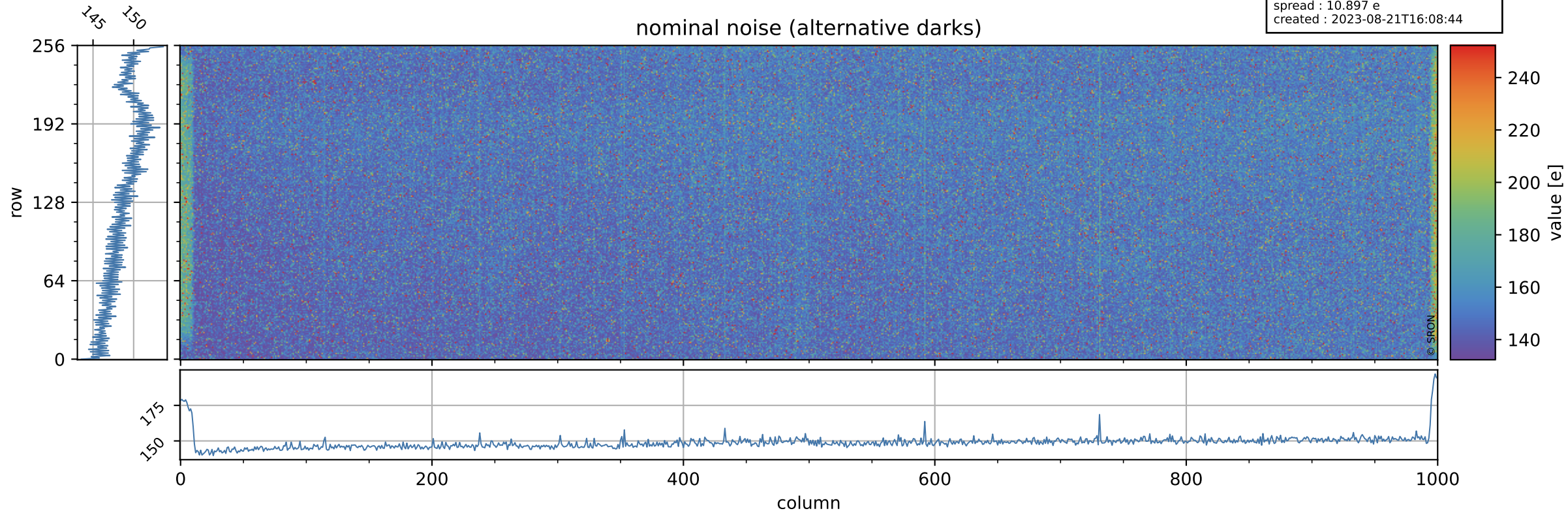


Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
n_coad, t_exp : 1, 1.0783
median : 148.63 e
spread : 10.897 e
created : 2023-08-21T16:08:44

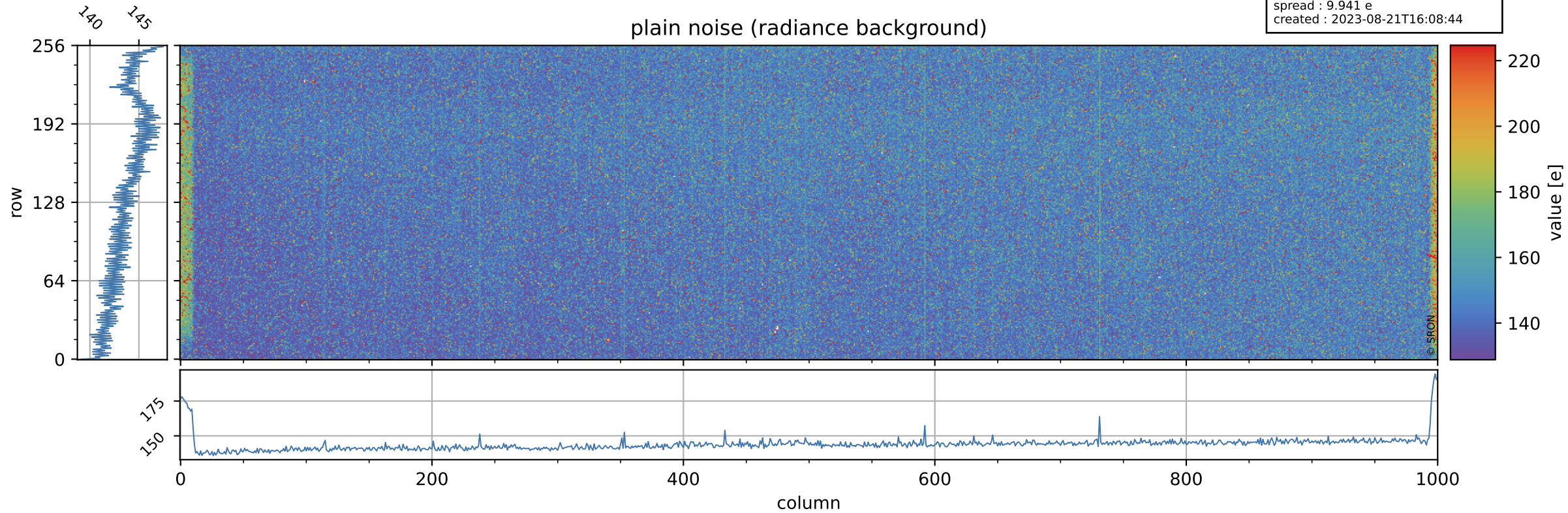
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.941 e
created : 2023-08-21T16:08:44

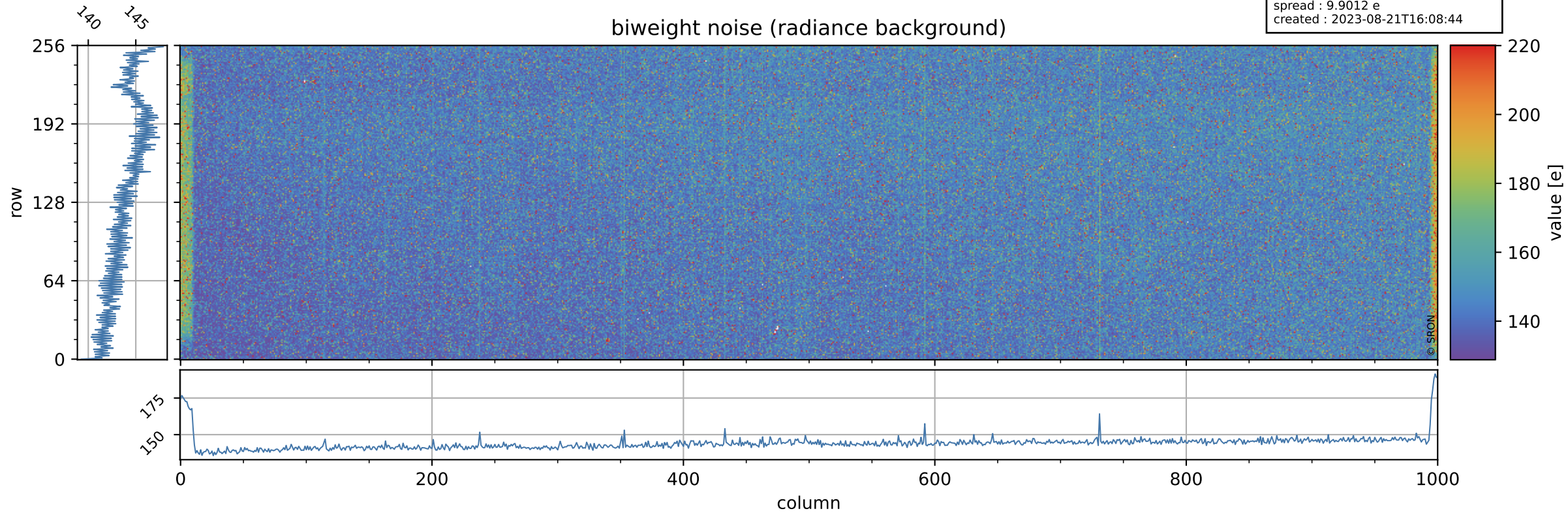
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9012 e
created : 2023-08-21T16:08:44

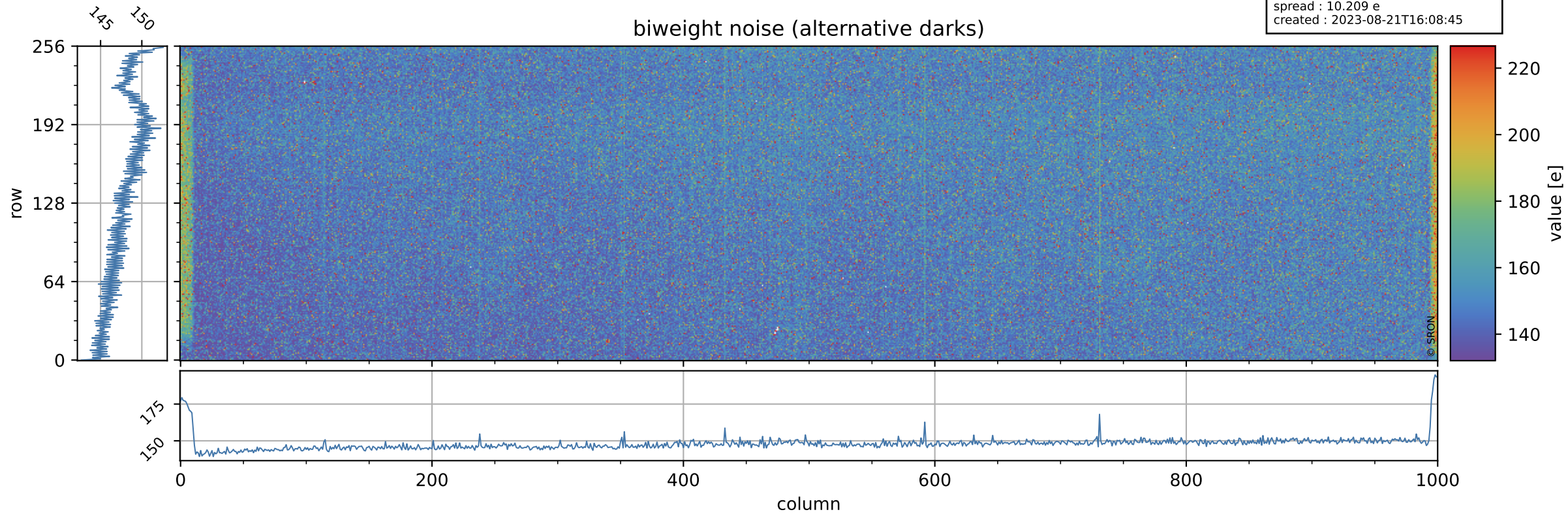
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.209 e
created : 2023-08-21T16:08:45

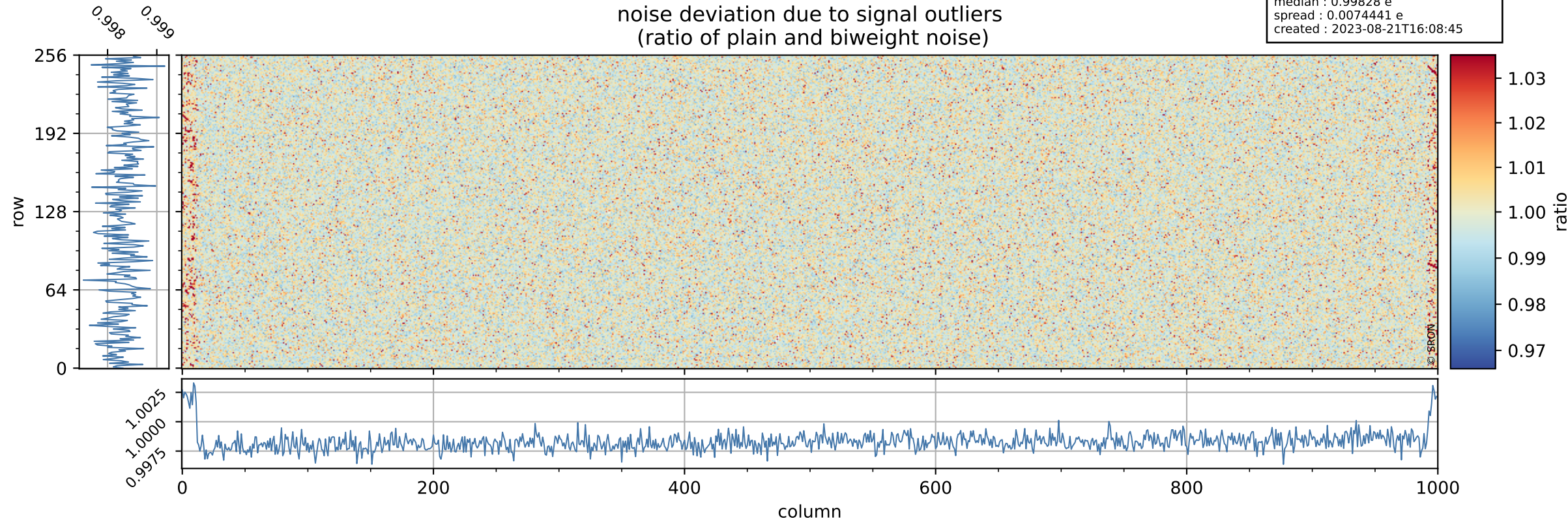
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

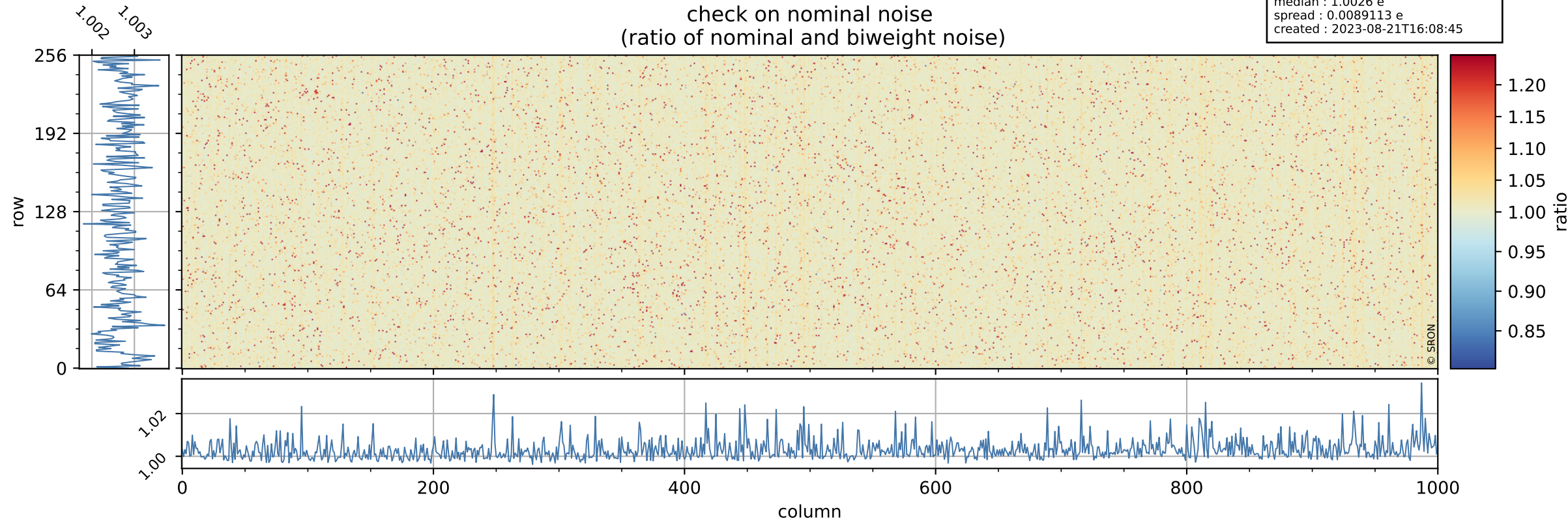
orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
median : 0.99828 e
spread : 0.0074441 e
created : 2023-08-21T16:08:45



Tropomi SWIR background noise (swir)

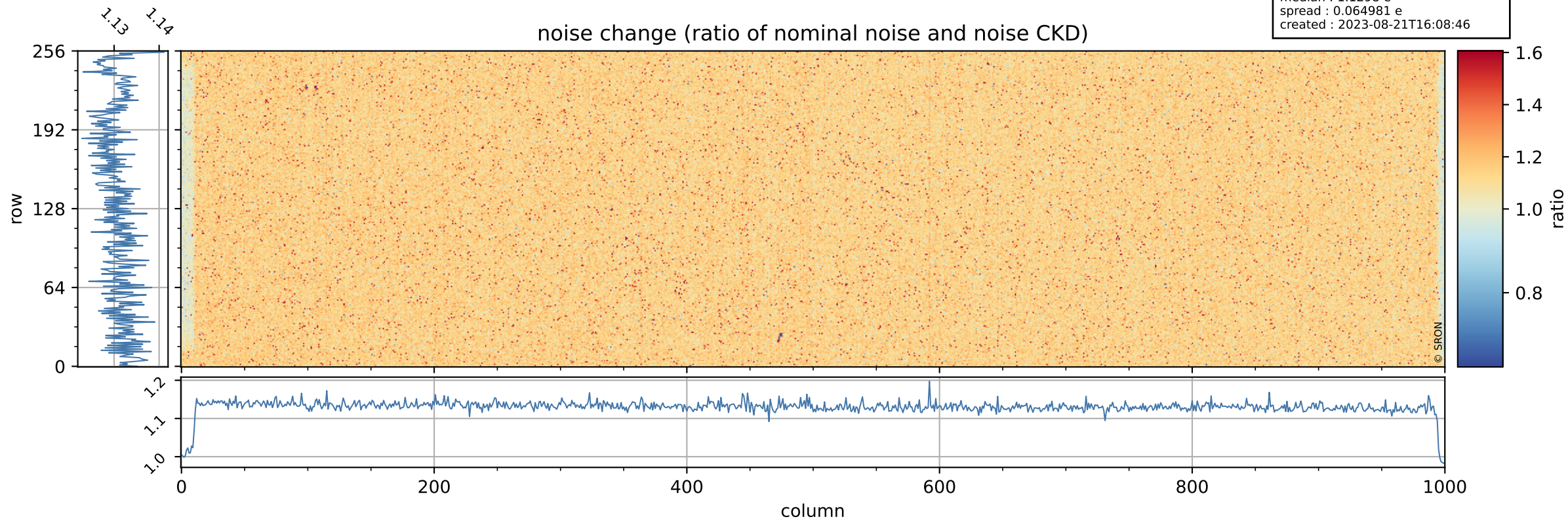
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
median : 1.0026 e
spread : 0.0089113 e
created : 2023-08-21T16:08:45



Tropomi SWIR background noise (swir)

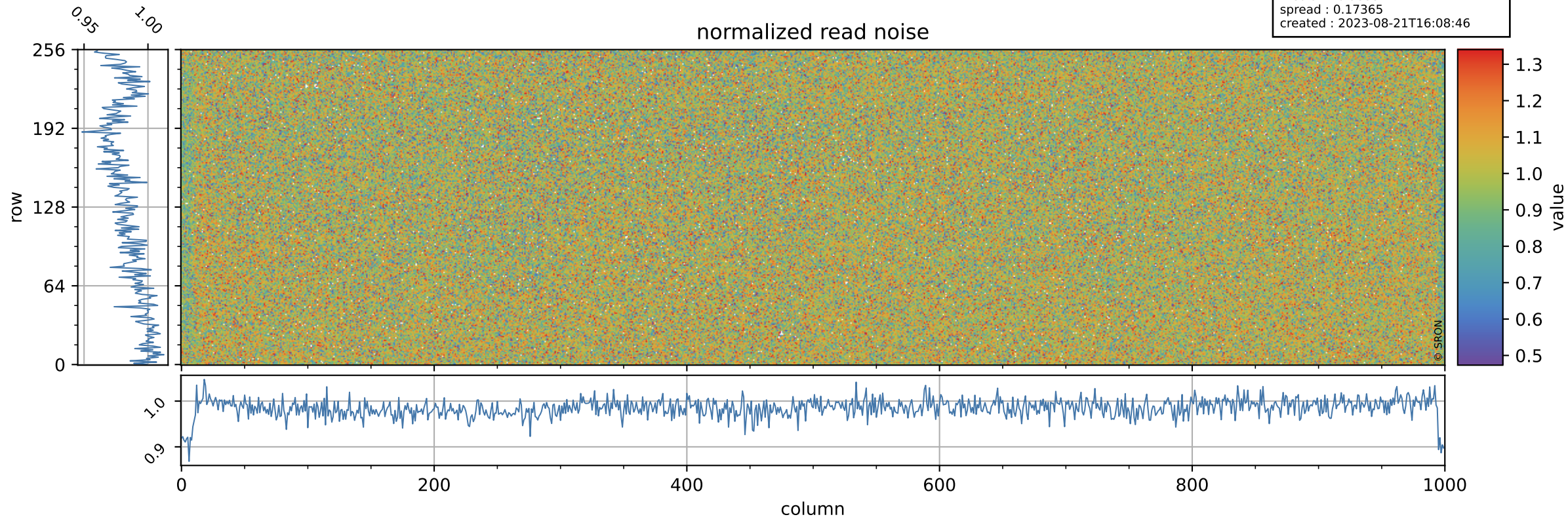
orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
median : 1.1298 e
spread : 0.064981 e
created : 2023-08-21T16:08:46



Tropomi SWIR background noise (swir)

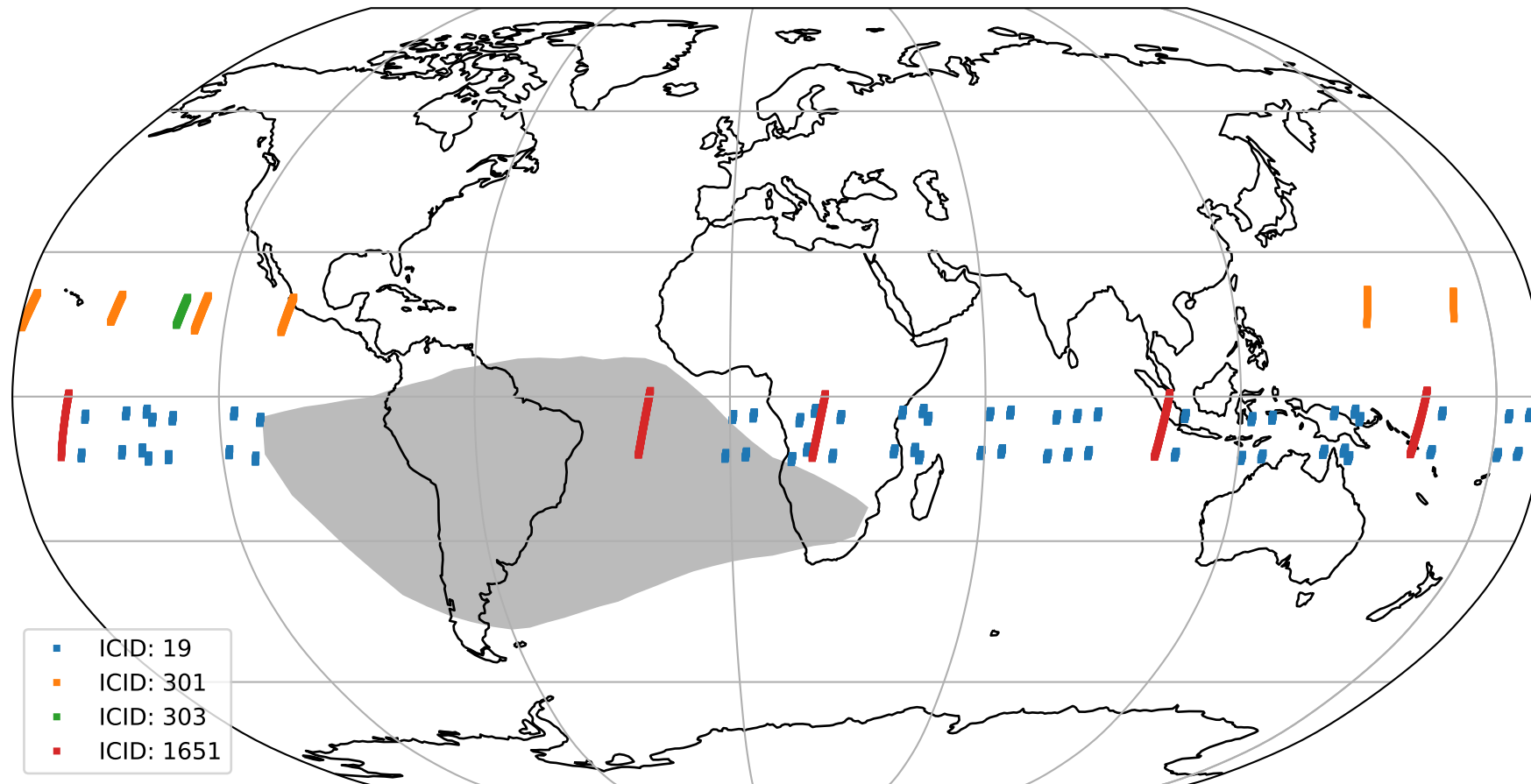
orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
median : 0.98352
spread : 0.17365
created : 2023-08-21T16:08:46

normalized read noise



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

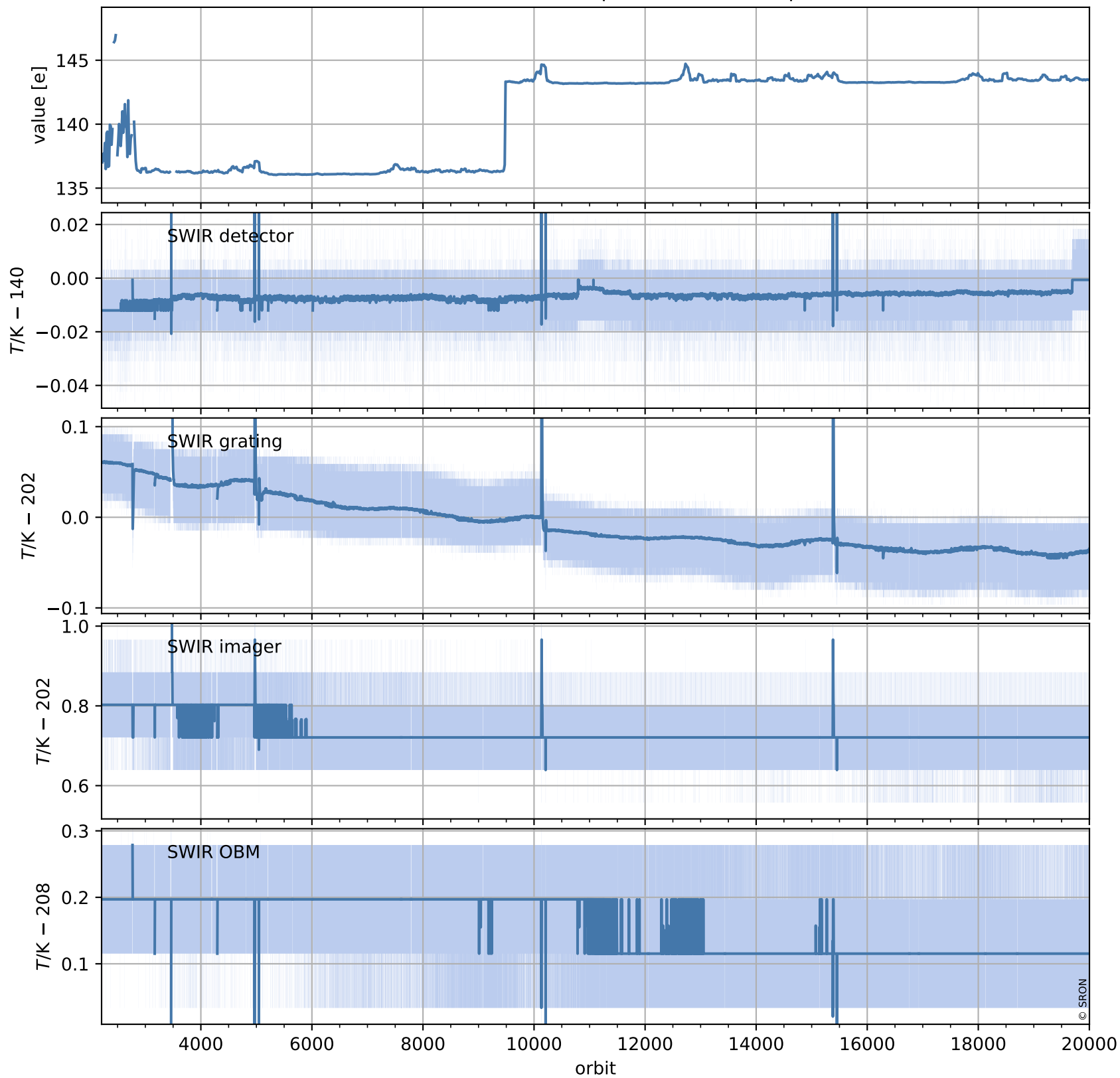
orbits : 12 in [19927, 20002]
coverage : 2021-08-17 / 2021-08-22
created : 2023-08-21T16:08:46



Tropomi SWIR background noise (swir)

orbits : [2212, 20002]
coverage : 2018-03-18 / 2021-08-22
created : 2023-08-21T16:08:47

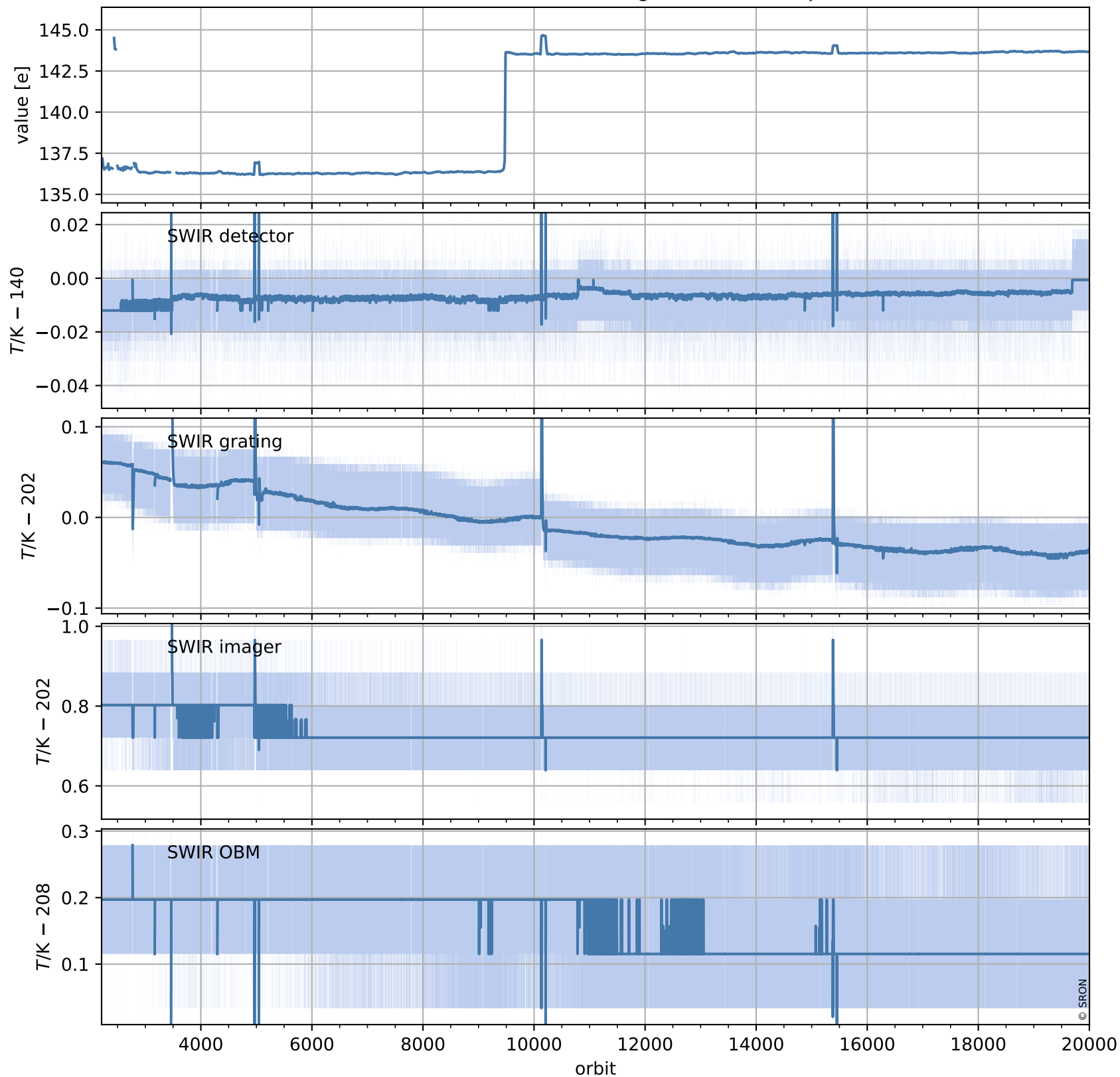
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20002]
coverage : 2018-03-18 / 2021-08-22
created : 2023-08-21T16:08:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20002]
coverage : 2018-03-18 / 2021-08-22
created : 2023-08-21T16:08:48

trend of normalized read-noise & temperatures

