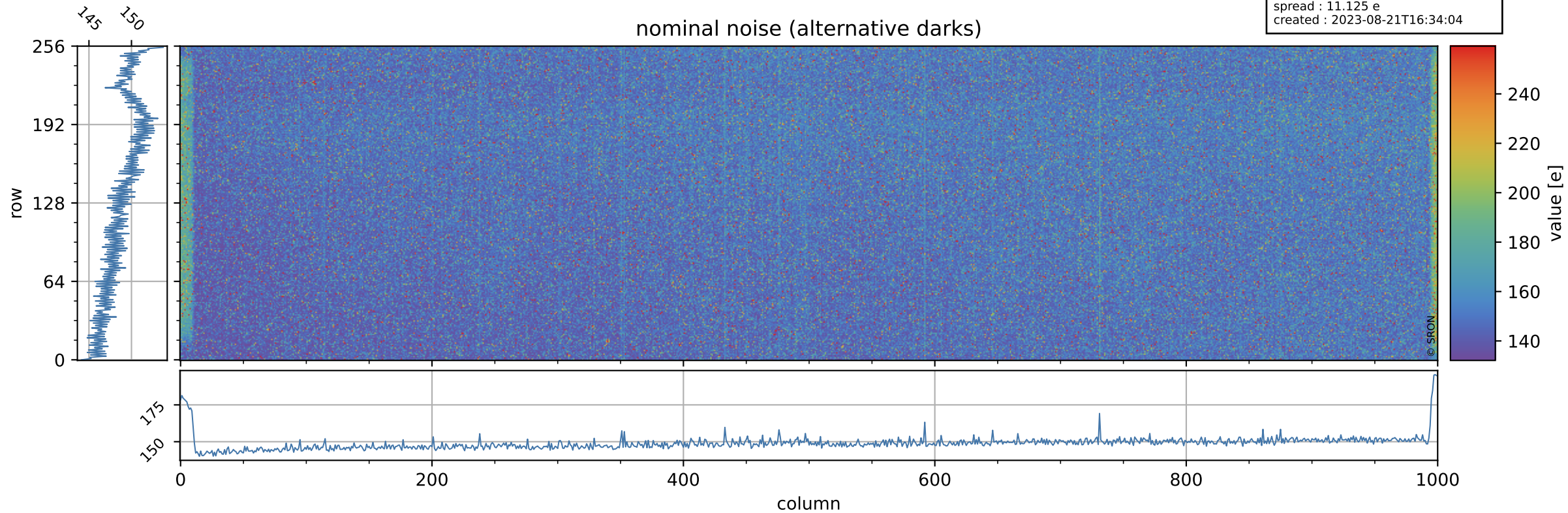


Tropomi SWIR background noise (swir)

orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 11.125 e
created : 2023-08-21T16:34:04

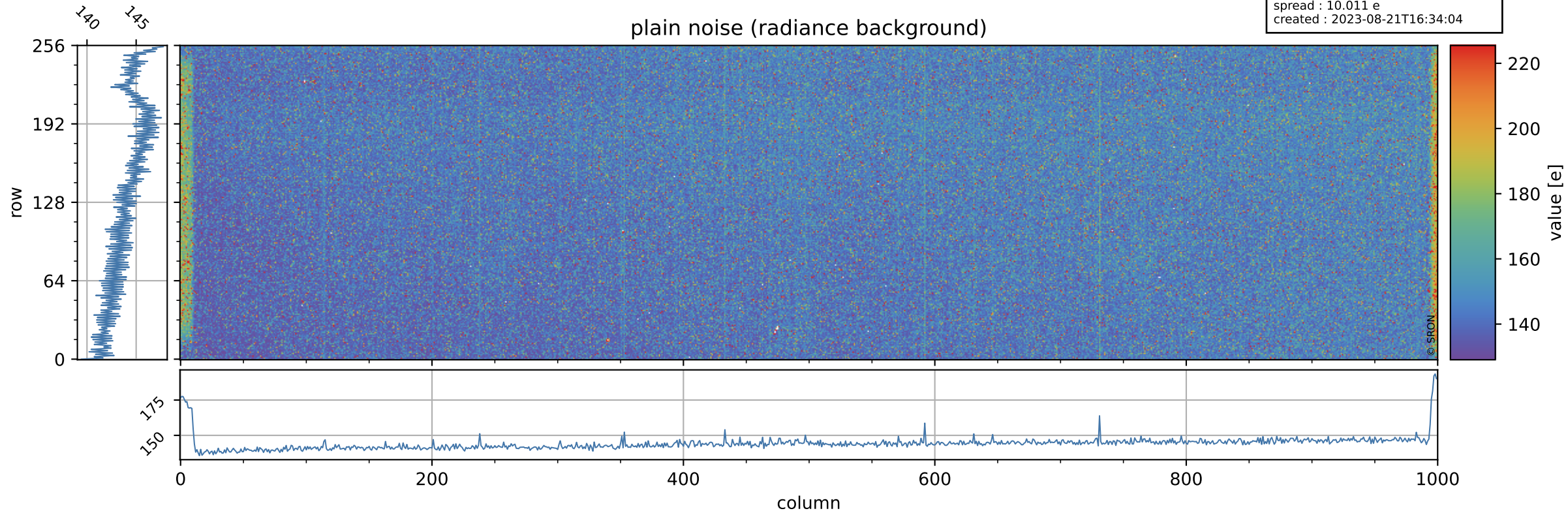
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
n_coad, t_exp : 1, 0.8383
median : 143.94 e
spread : 10.011 e
created : 2023-08-21T16:34:04

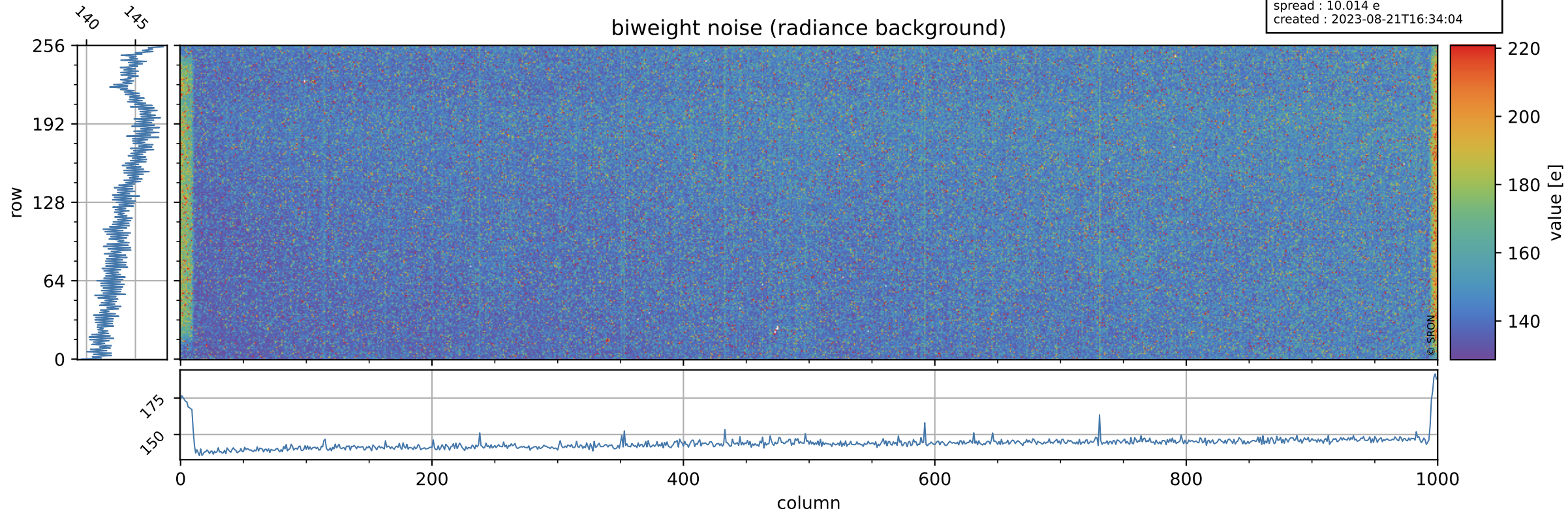
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 10.014 e
created : 2023-08-21T16:34:04

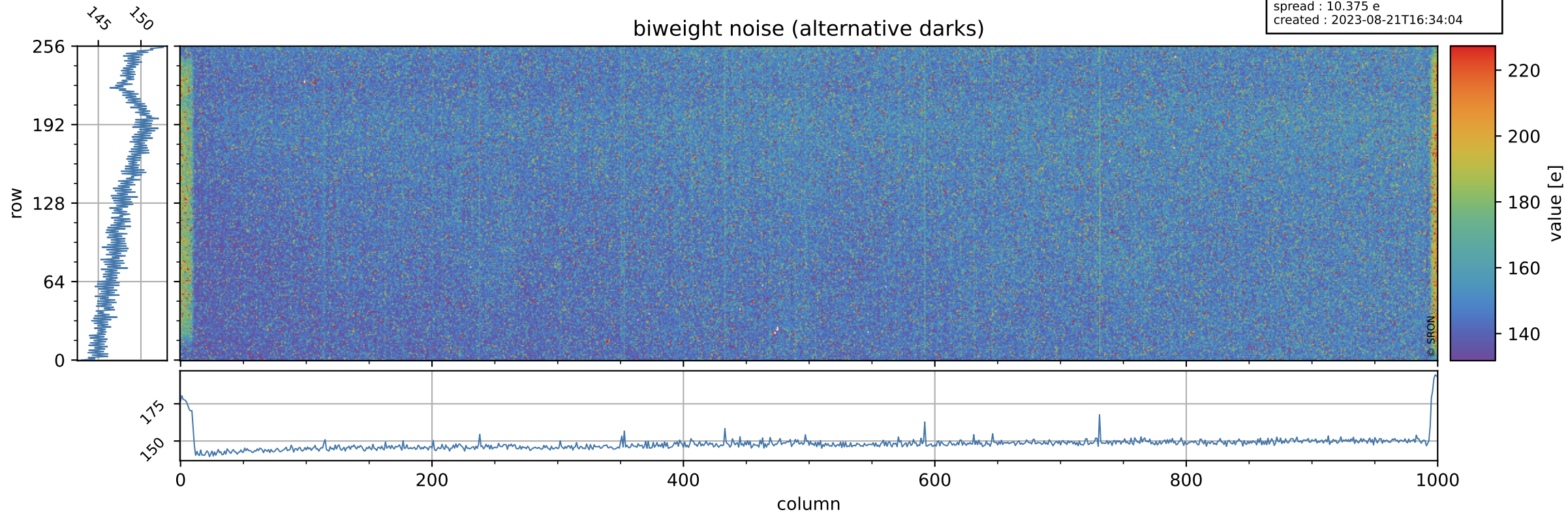
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.375 e
created : 2023-08-21T16:34:04

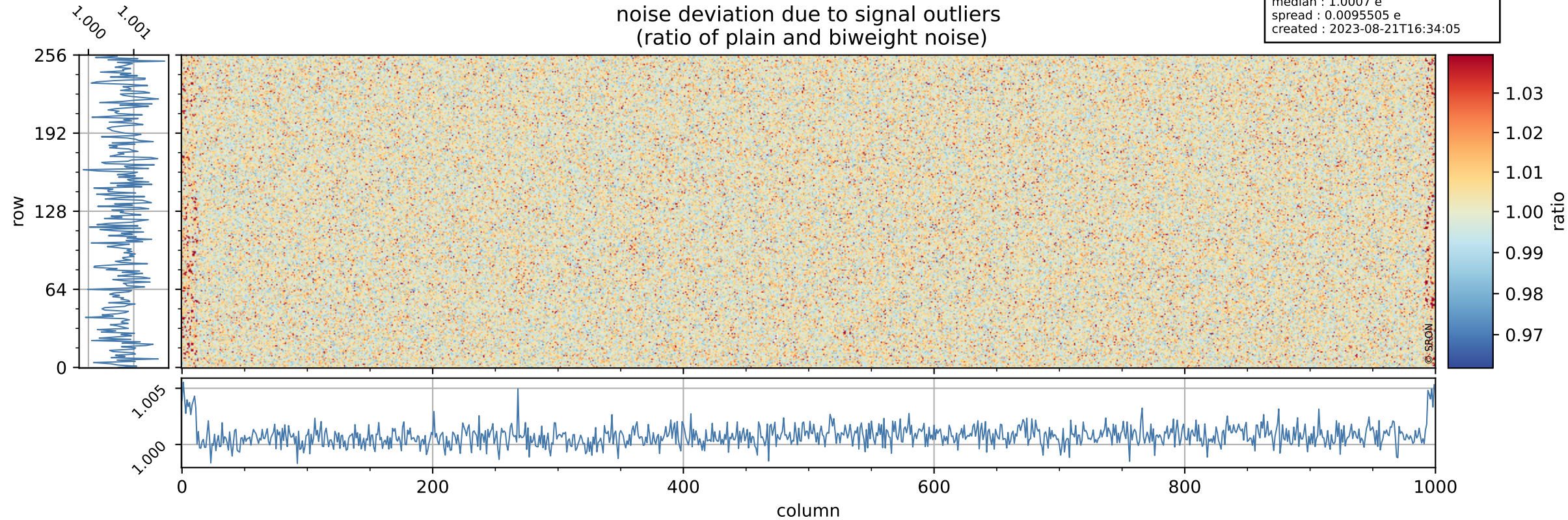
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

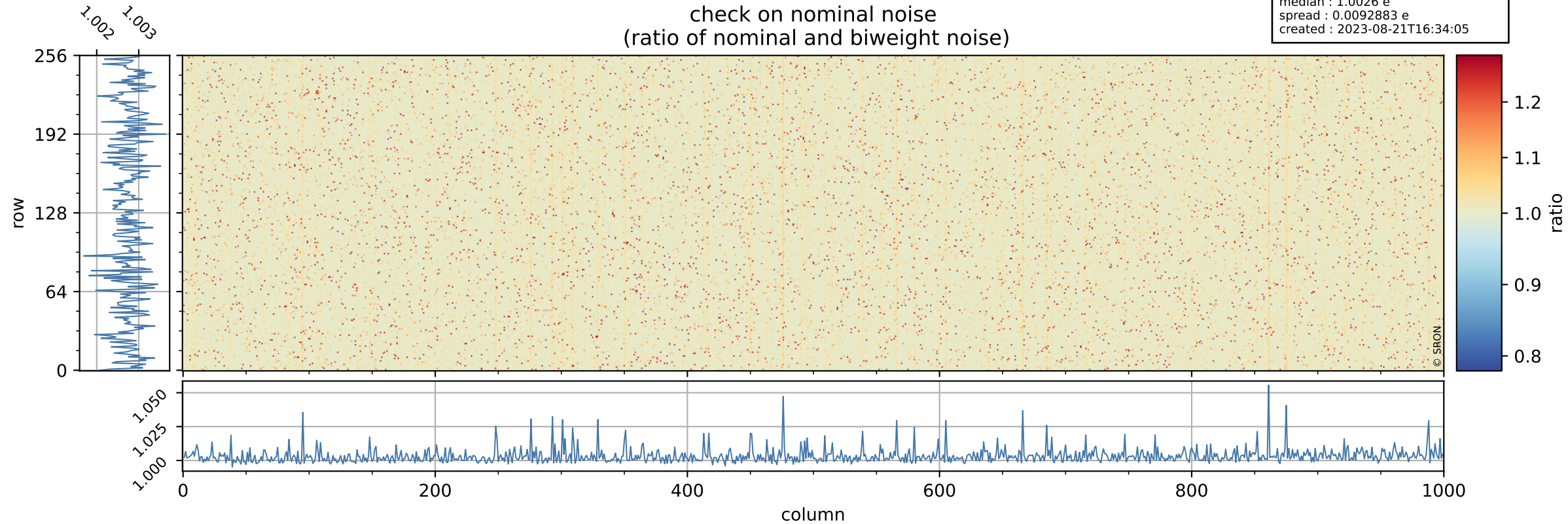
orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
median : 1.0007 e
spread : 0.0095505 e
created : 2023-08-21T16:34:05



Tropomi SWIR background noise (swir)

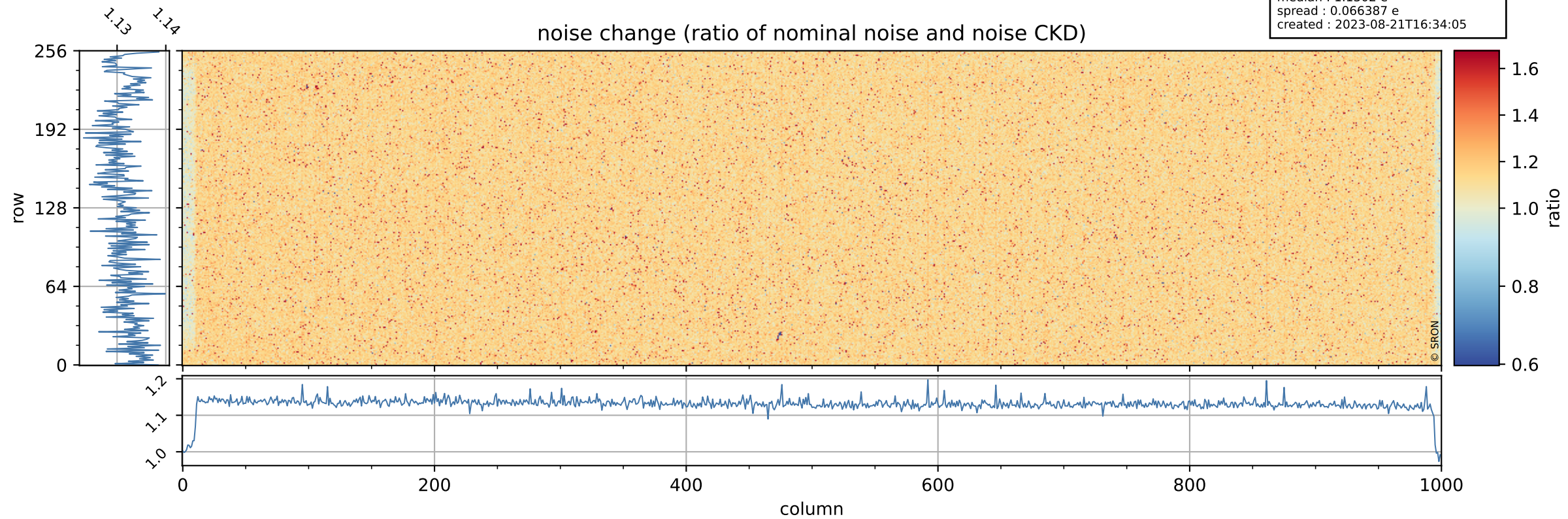
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
median : 1.0026 e
spread : 0.0092883 e
created : 2023-08-21T16:34:05



Tropomi SWIR background noise (swir)

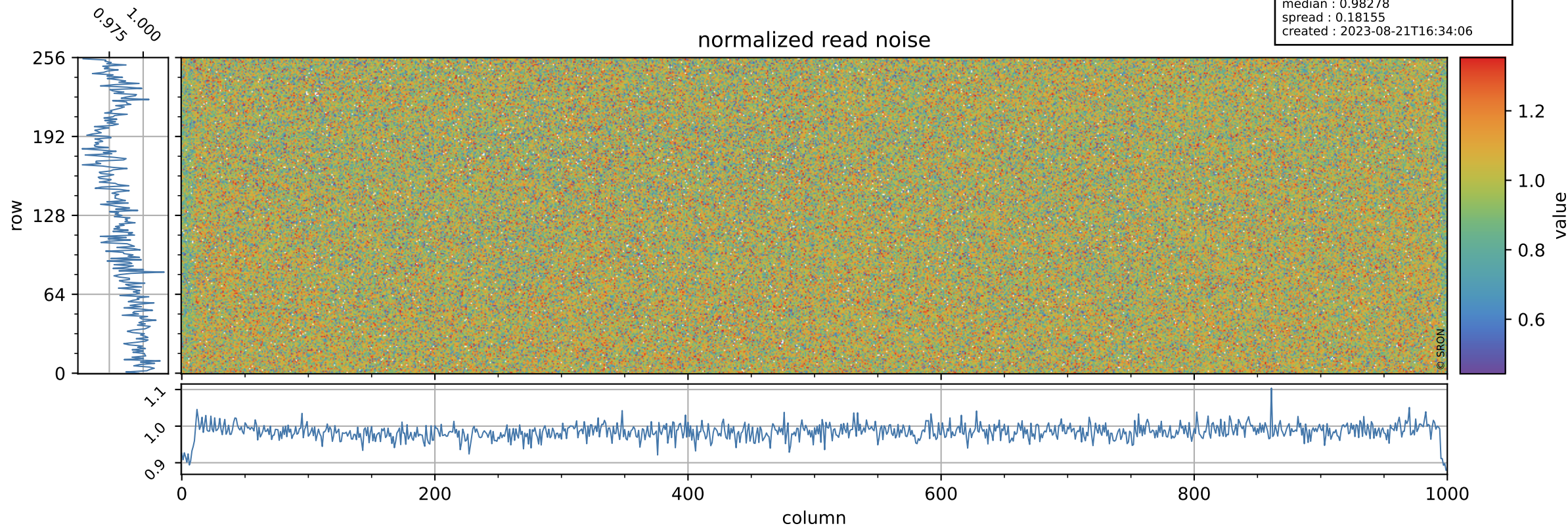
orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
median : 1.1302 e
spread : 0.066387 e
created : 2023-08-21T16:34:05



Tropomi SWIR background noise (swir)

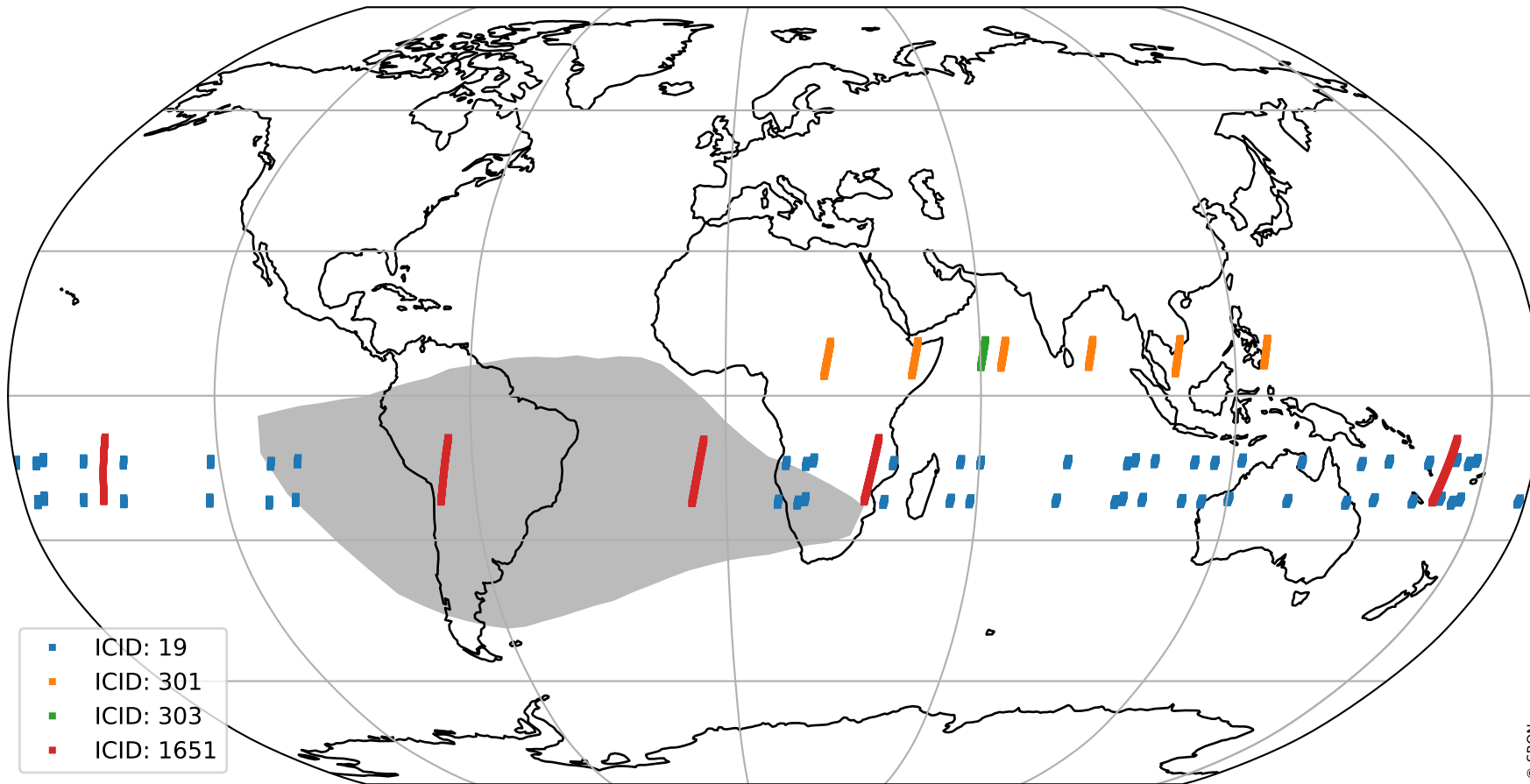
orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
median : 0.98278
spread : 0.18155
created : 2023-08-21T16:34:06

normalized read noise



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

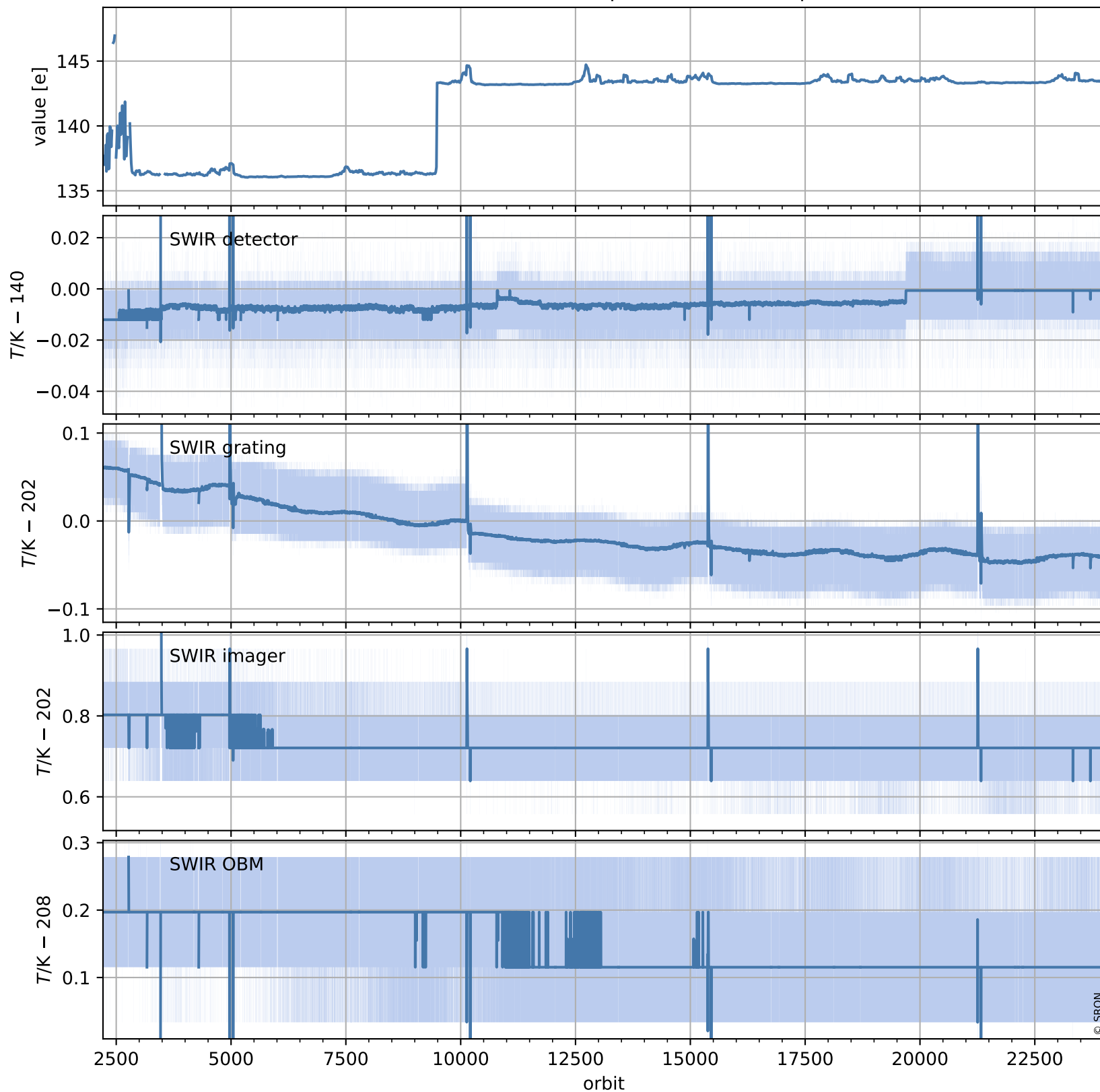
orbits : 12 in [23932, 24022]
coverage : 2022-05-27 / 2022-06-02
created : 2023-08-21T16:34:06



Tropomi SWIR background noise (swir)

orbits : [2212, 24022]
coverage : 2018-03-18 / 2022-06-02
created : 2023-08-21T16:34:06

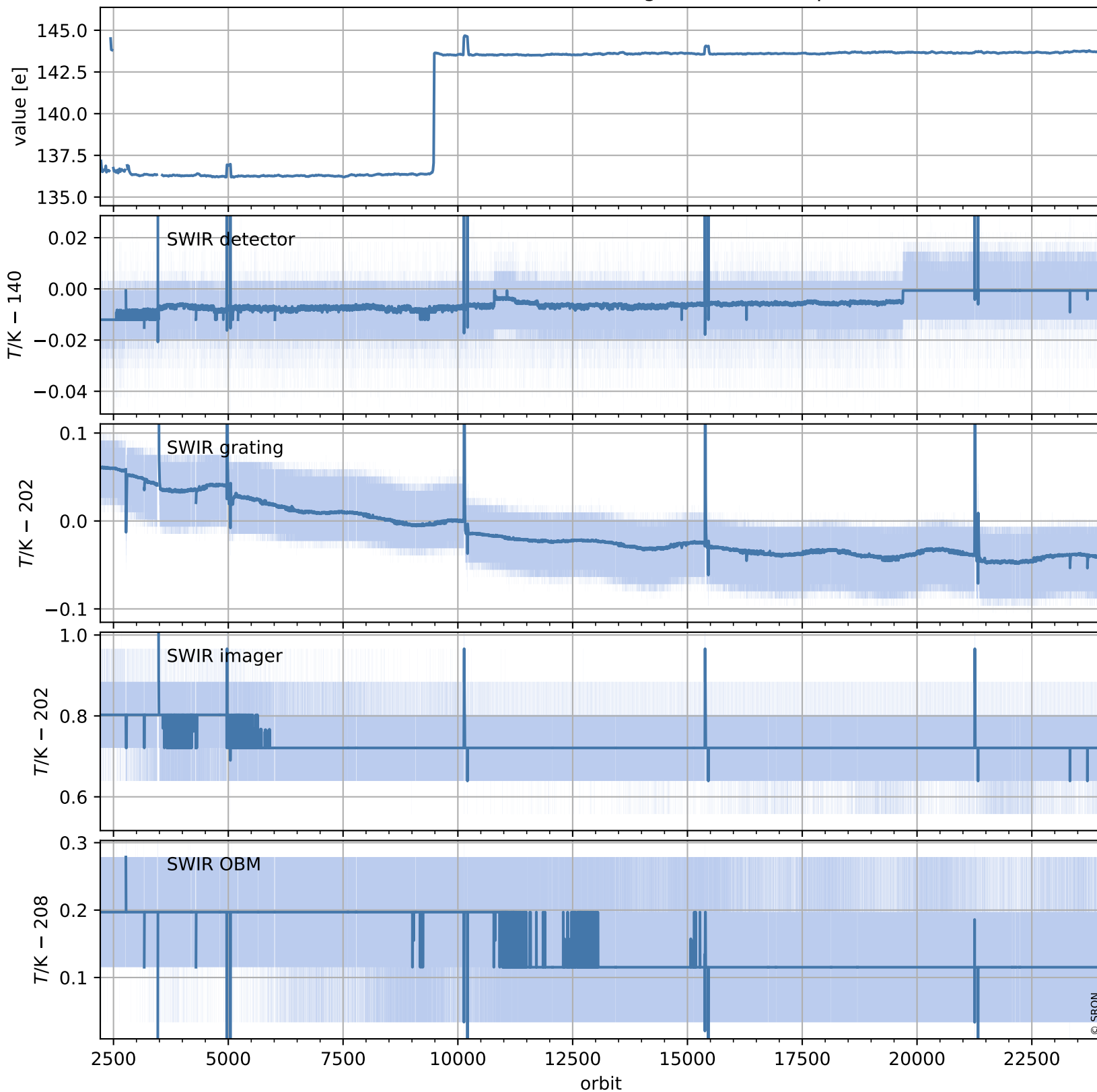
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24022]
coverage : 2018-03-18 / 2022-06-02
created : 2023-08-21T16:34:07

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24022]
coverage : 2018-03-18 / 2022-06-02
created : 2023-08-21T16:34:08

trend of normalized read-noise & temperatures

