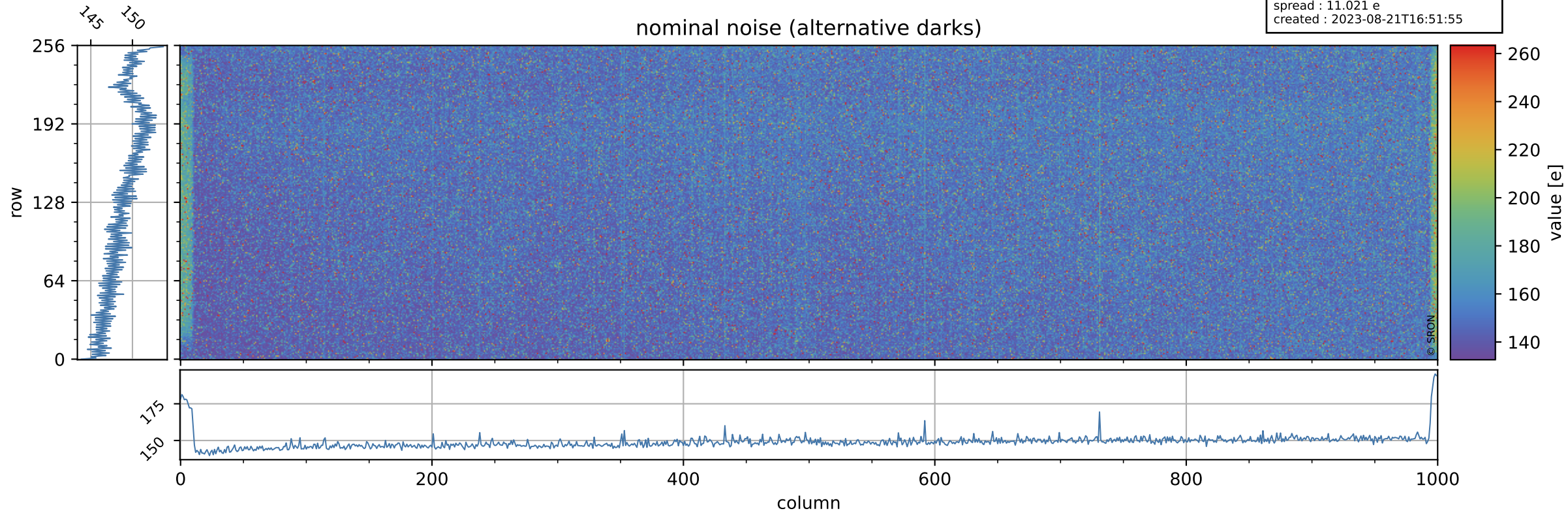


Tropomi SWIR background noise (swir)

orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.021 e
created : 2023-08-21T16:51:55

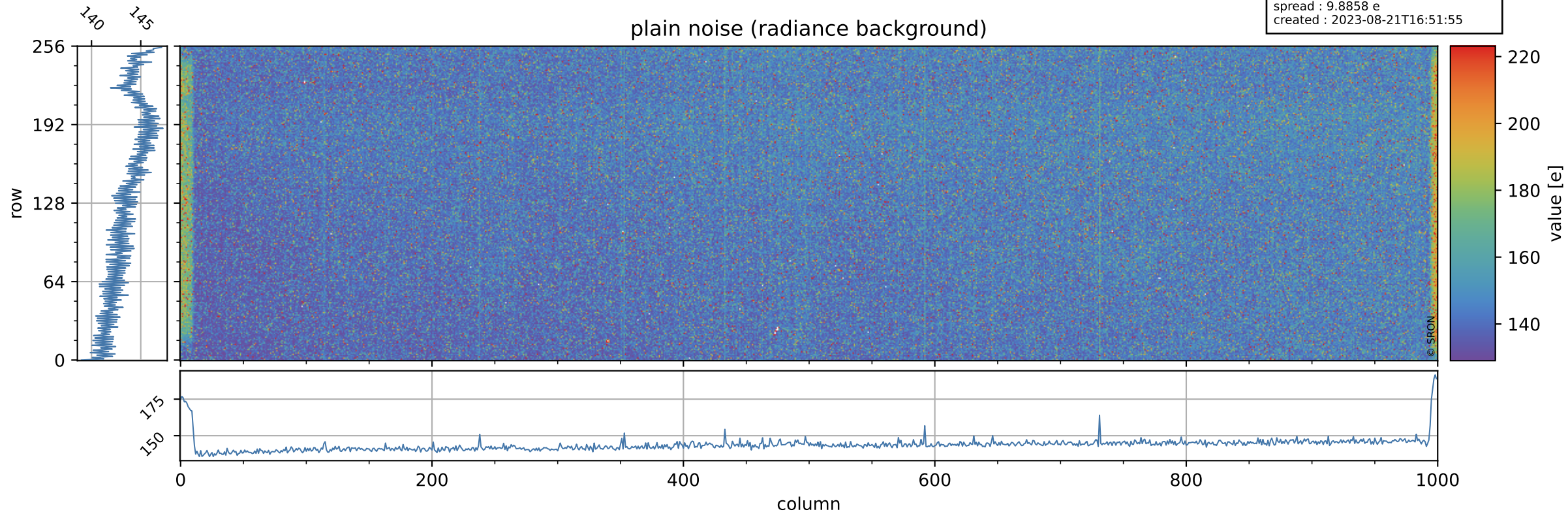
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8858 e
created : 2023-08-21T16:51:55

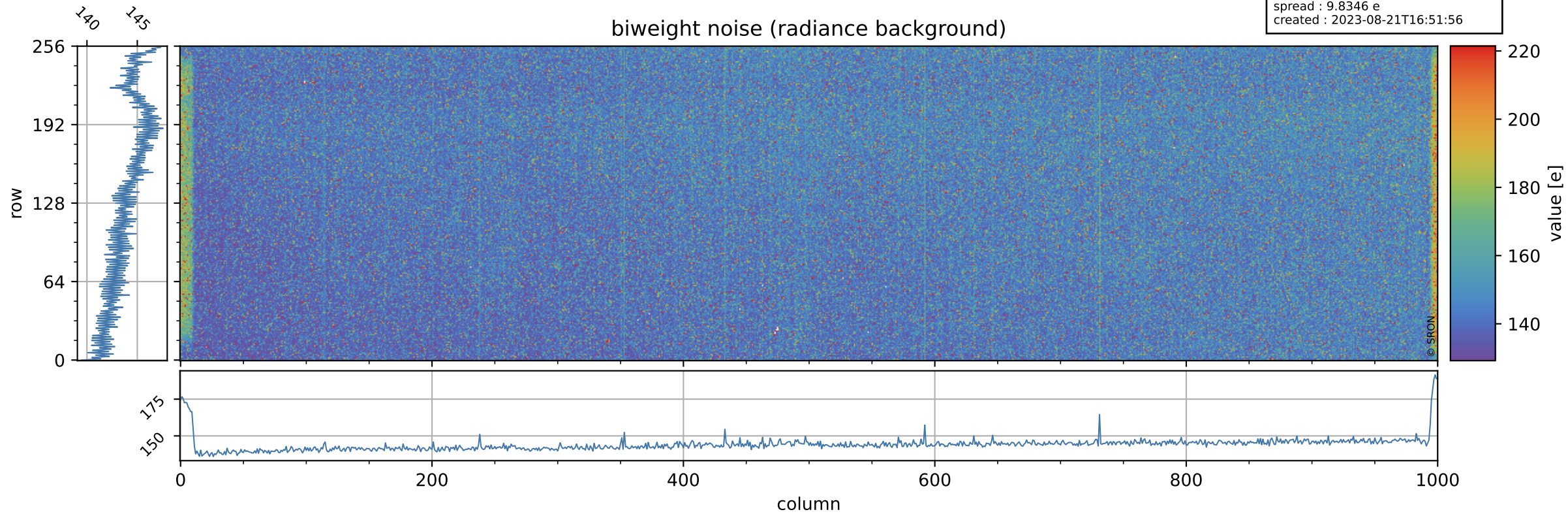
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.8346 e
created : 2023-08-21T16:51:56

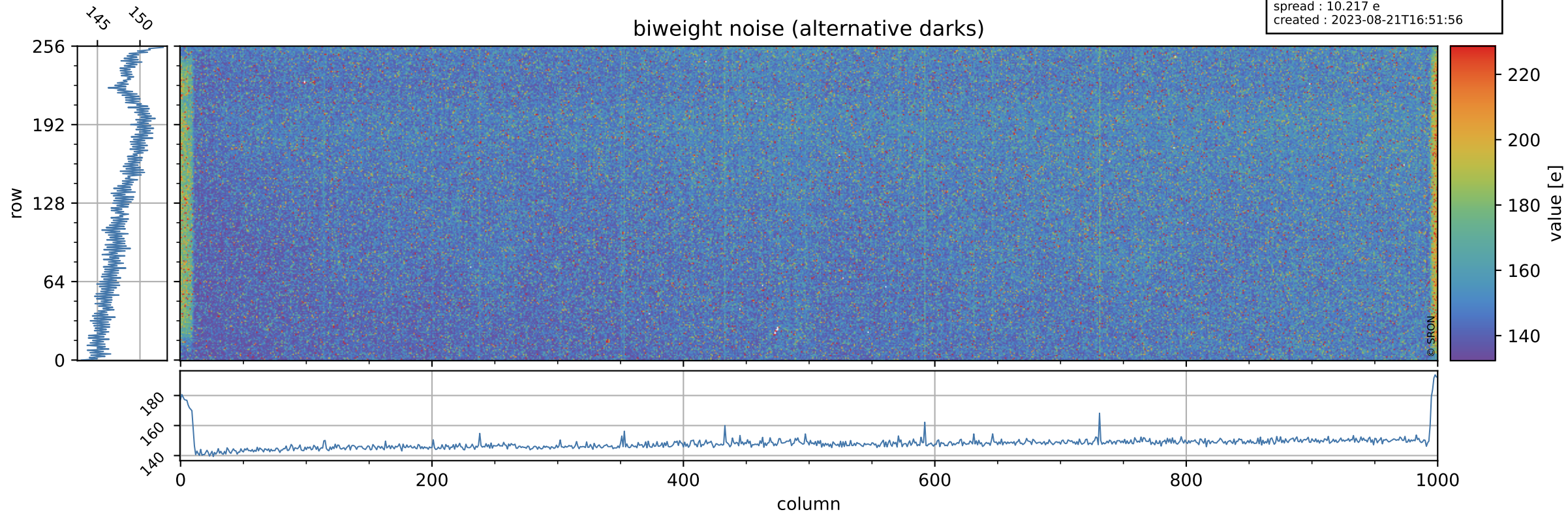
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.217 e
created : 2023-08-21T16:51:56

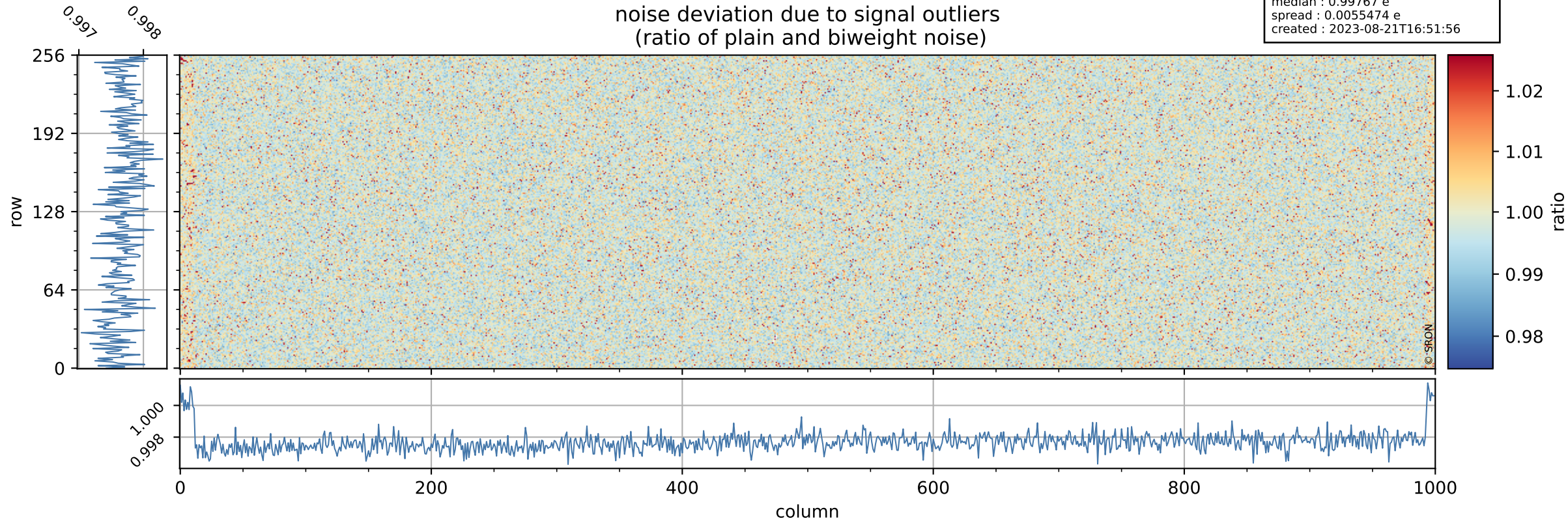
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

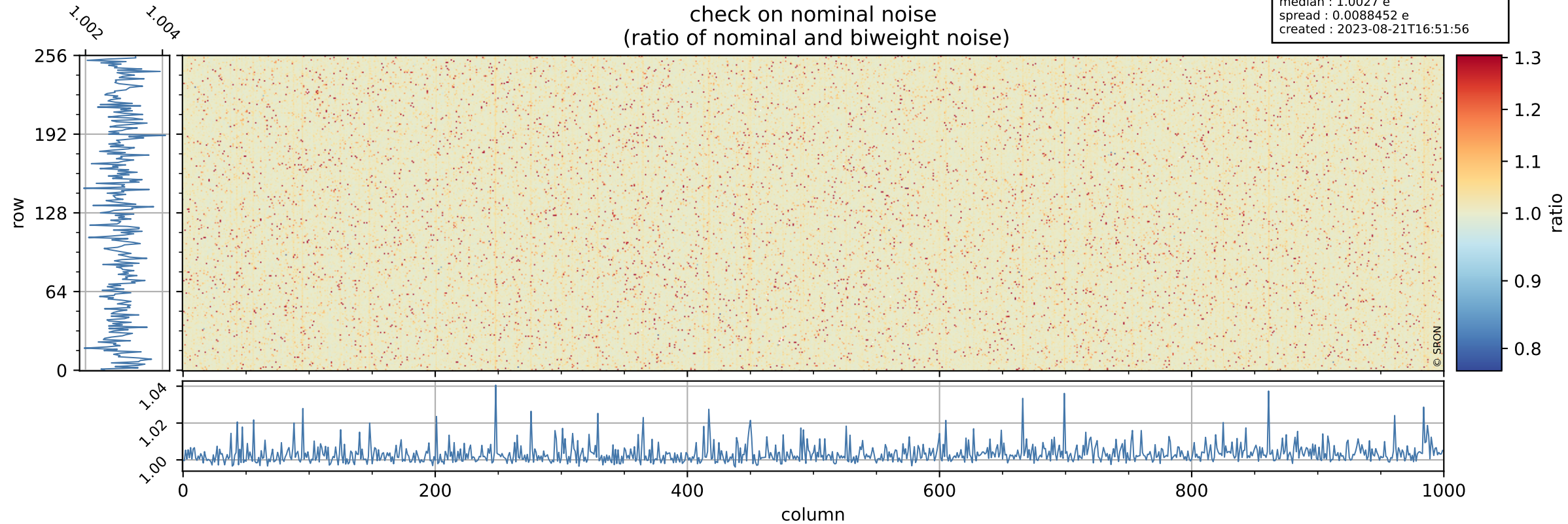
orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
median : 0.99767 e
spread : 0.0055474 e
created : 2023-08-21T16:51:56



Tropomi SWIR background noise (swir)

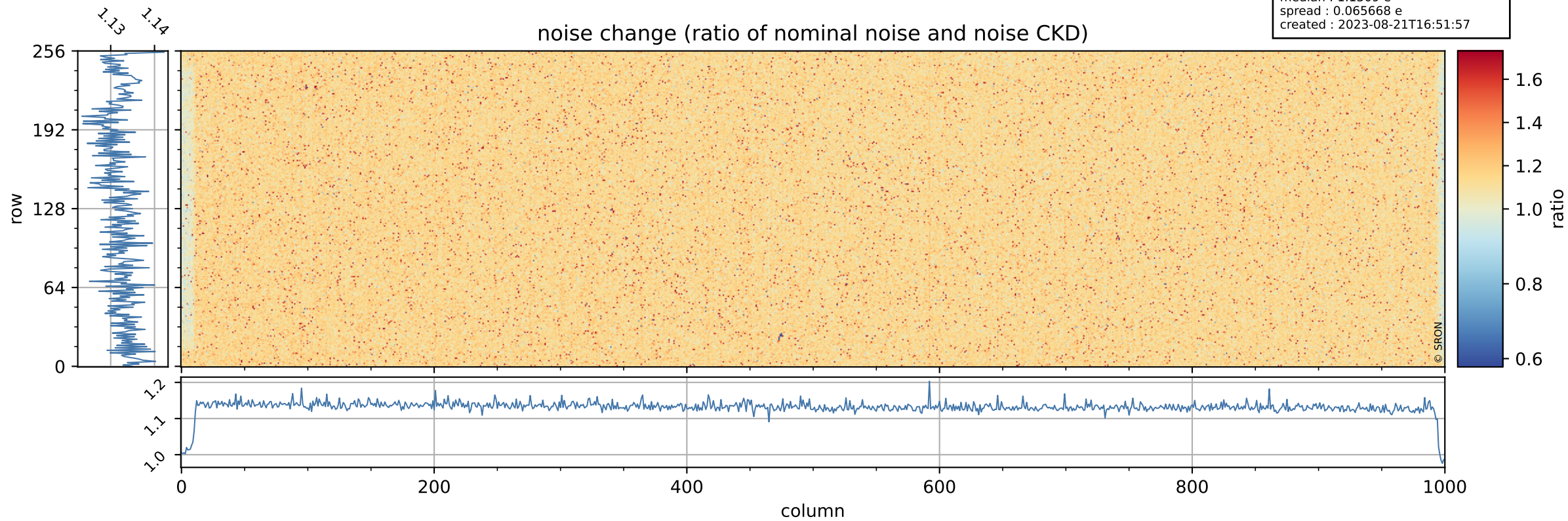
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
median : 1.0027 e
spread : 0.0088452 e
created : 2023-08-21T16:51:56



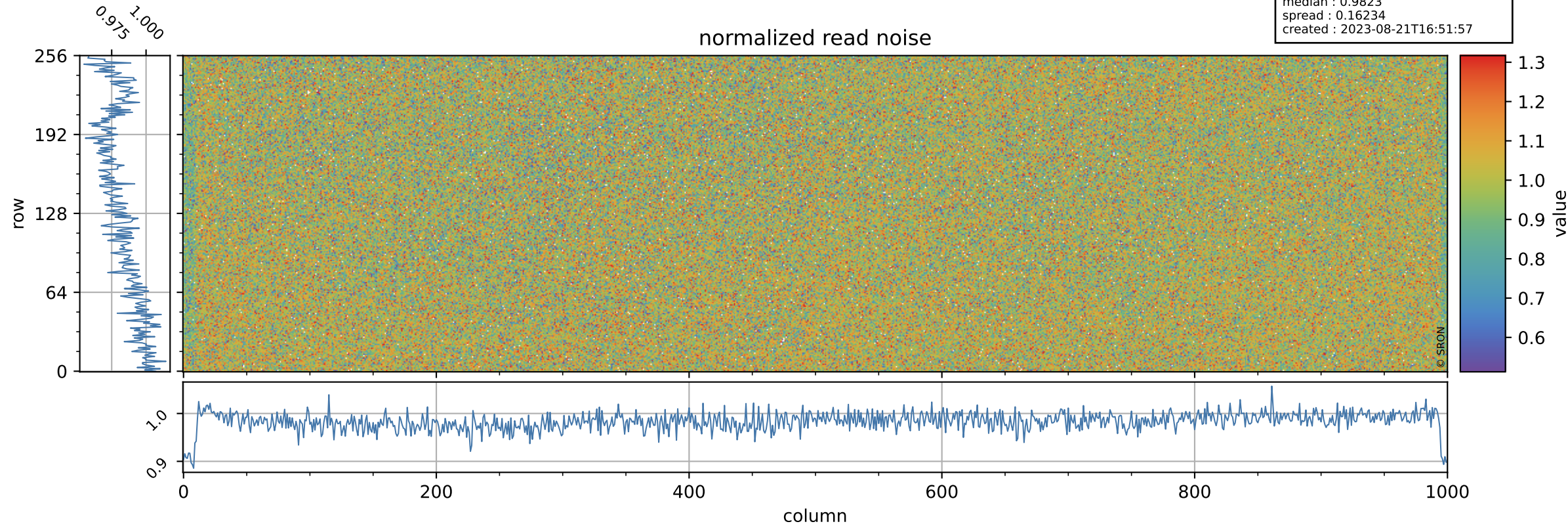
Tropomi SWIR background noise (swir)

orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
median : 1.1309 e
spread : 0.065668 e
created : 2023-08-21T16:51:57



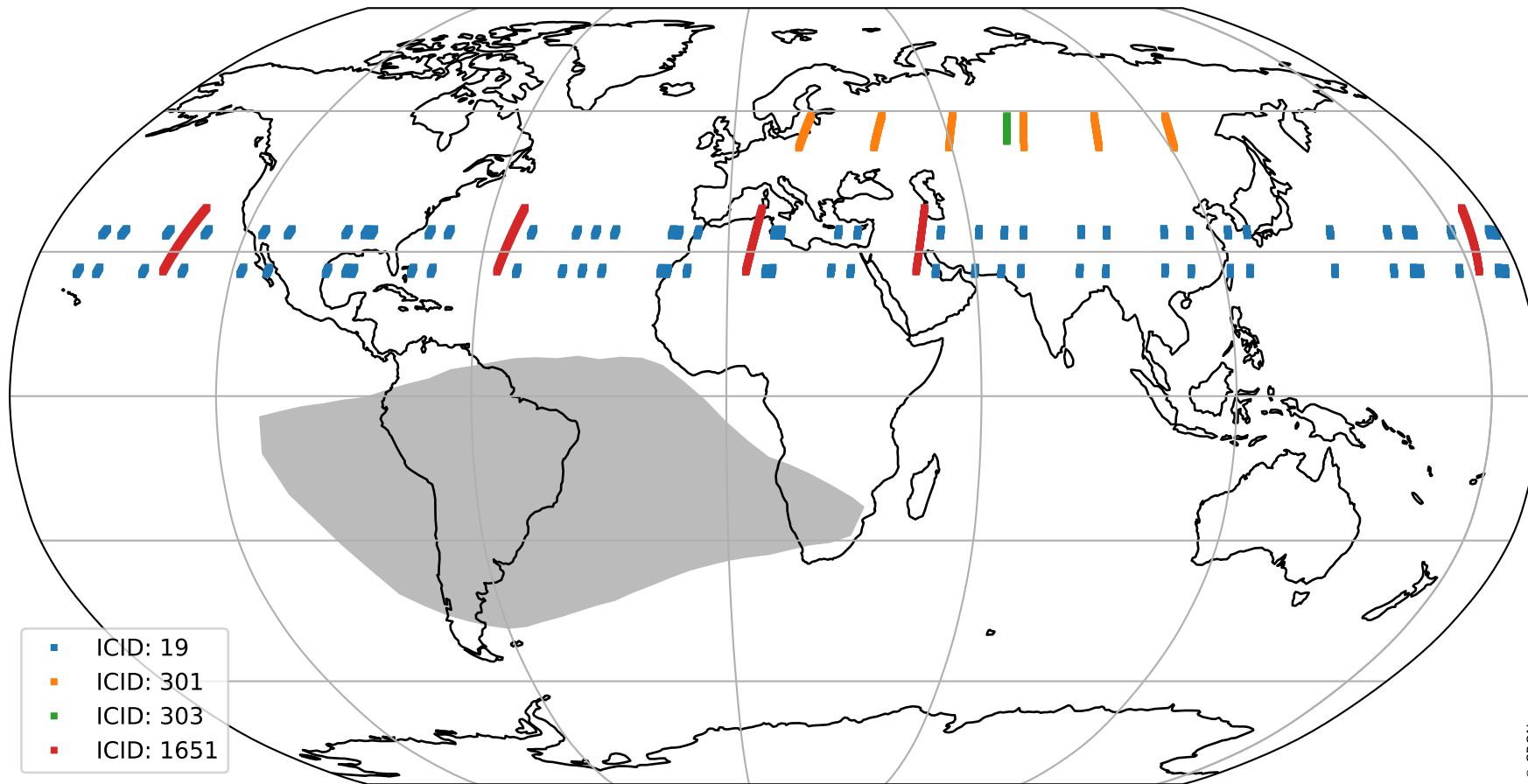
Tropomi SWIR background noise (swir)

orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
median : 0.9823
spread : 0.16234
created : 2023-08-21T16:51:57



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

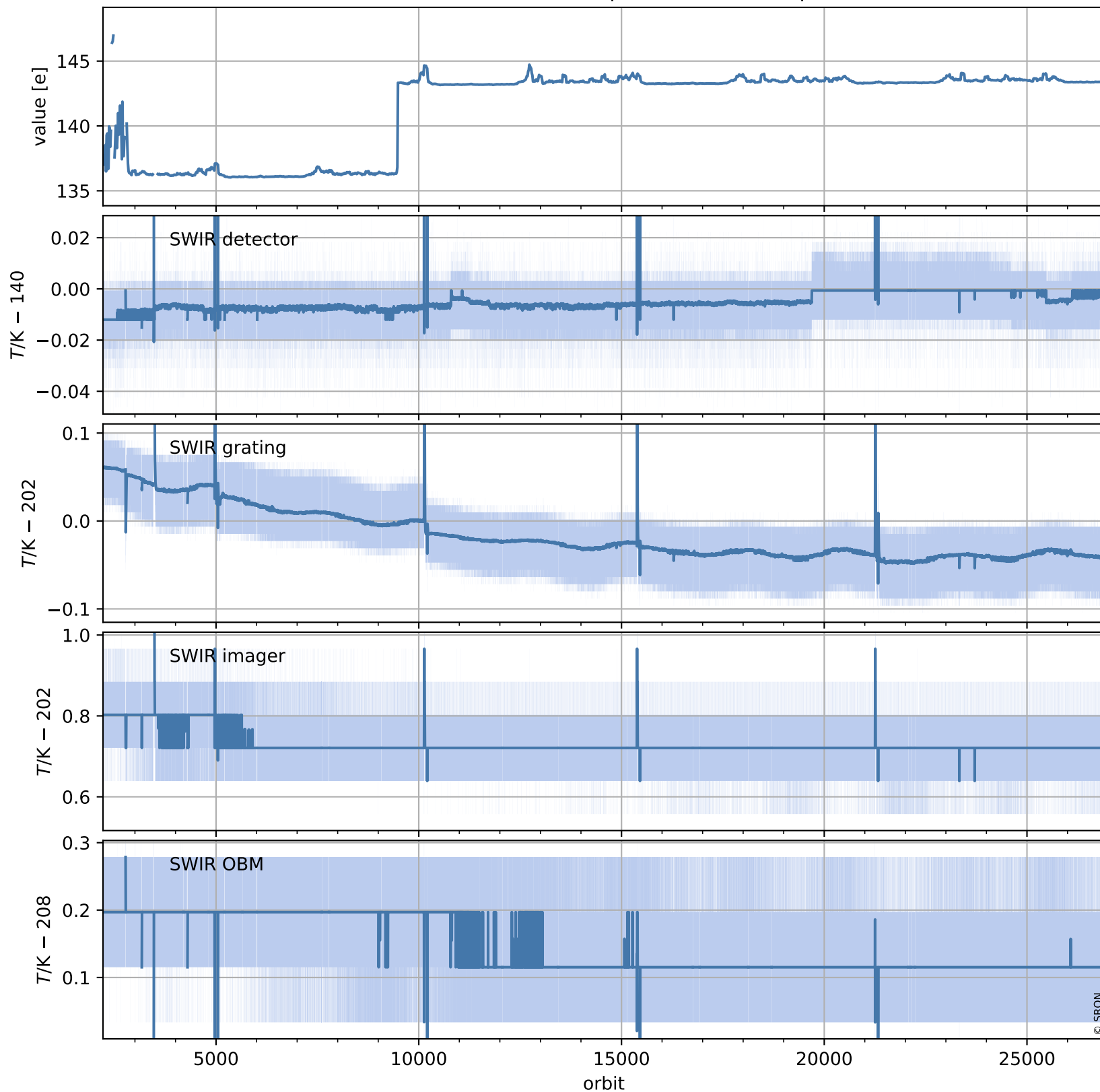
orbits : 12 in [26842, 26917]
coverage : 2022-12-17 / 2022-12-23
created : 2023-08-21T16:51:57



Tropomi SWIR background noise (swir)

orbits : [2212, 26917]
coverage : 2018-03-18 / 2022-12-23
created : 2023-08-21T16:51:58

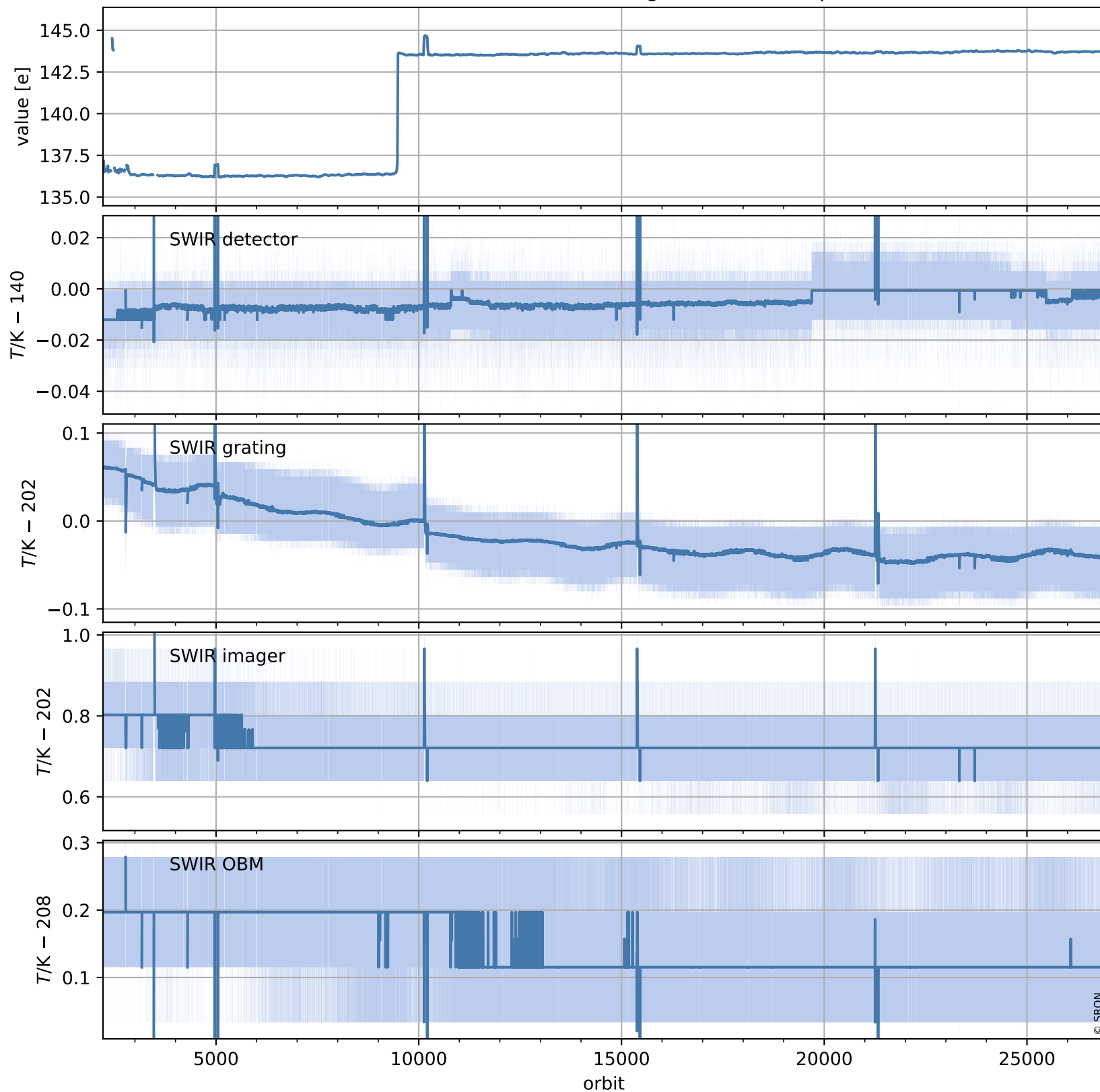
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26917]
coverage : 2018-03-18 / 2022-12-23
created : 2023-08-21T16:51:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26917]
coverage : 2018-03-18 / 2022-12-23
created : 2023-08-21T16:51:59

trend of normalized read-noise & temperatures

