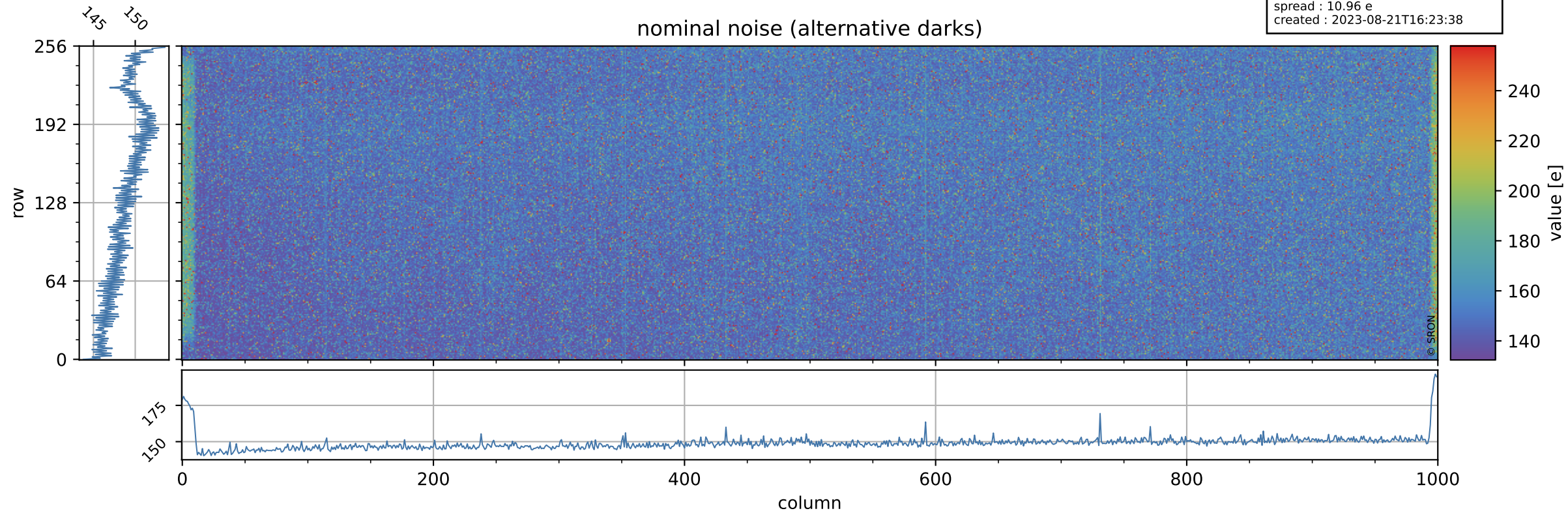


Tropomi SWIR background noise (swir)

orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.96 e
created : 2023-08-21T16:23:38

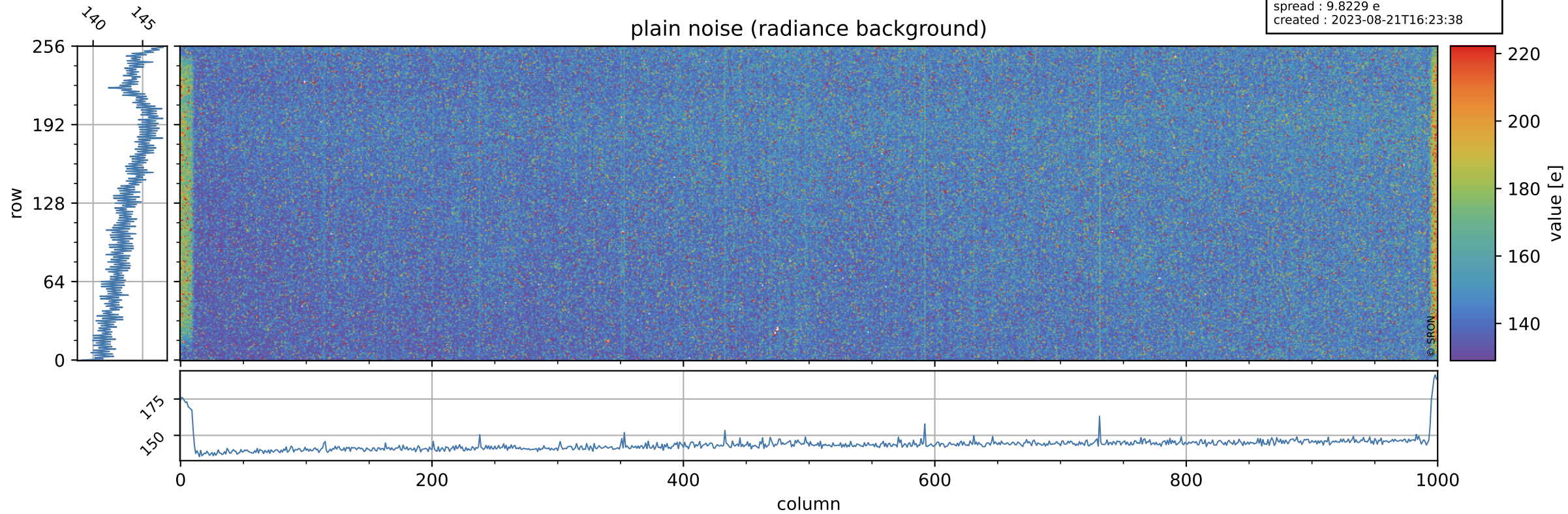
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8229 e
created : 2023-08-21T16:23:38

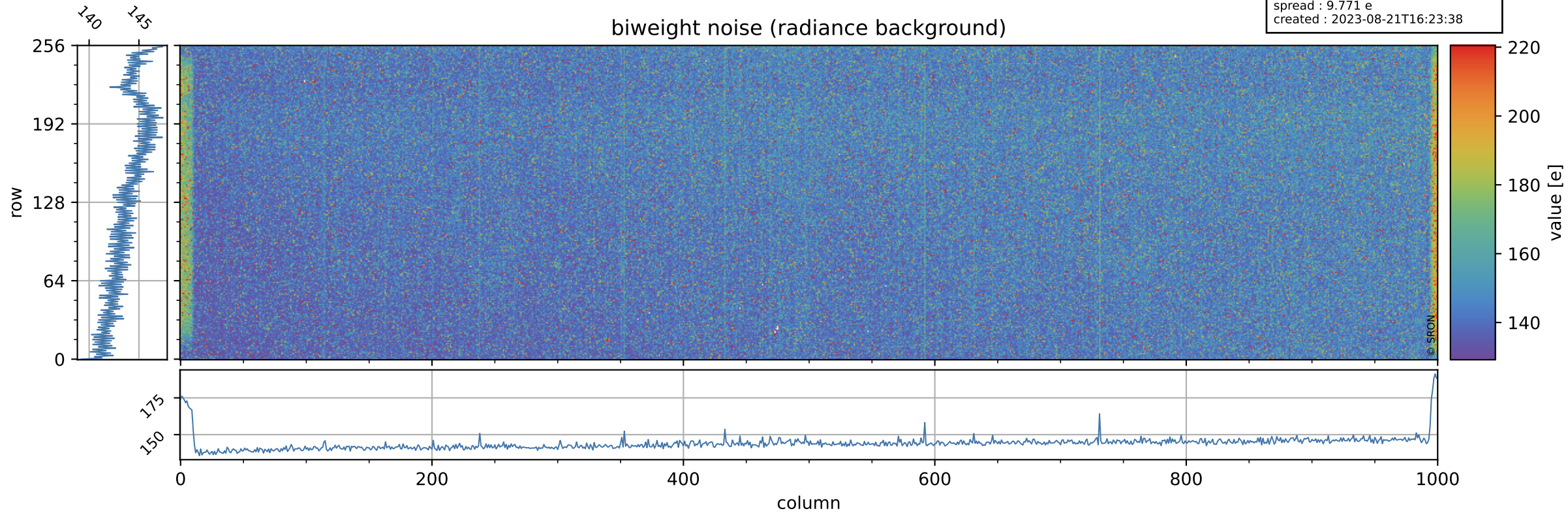
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.771 e
created : 2023-08-21T16:23:38

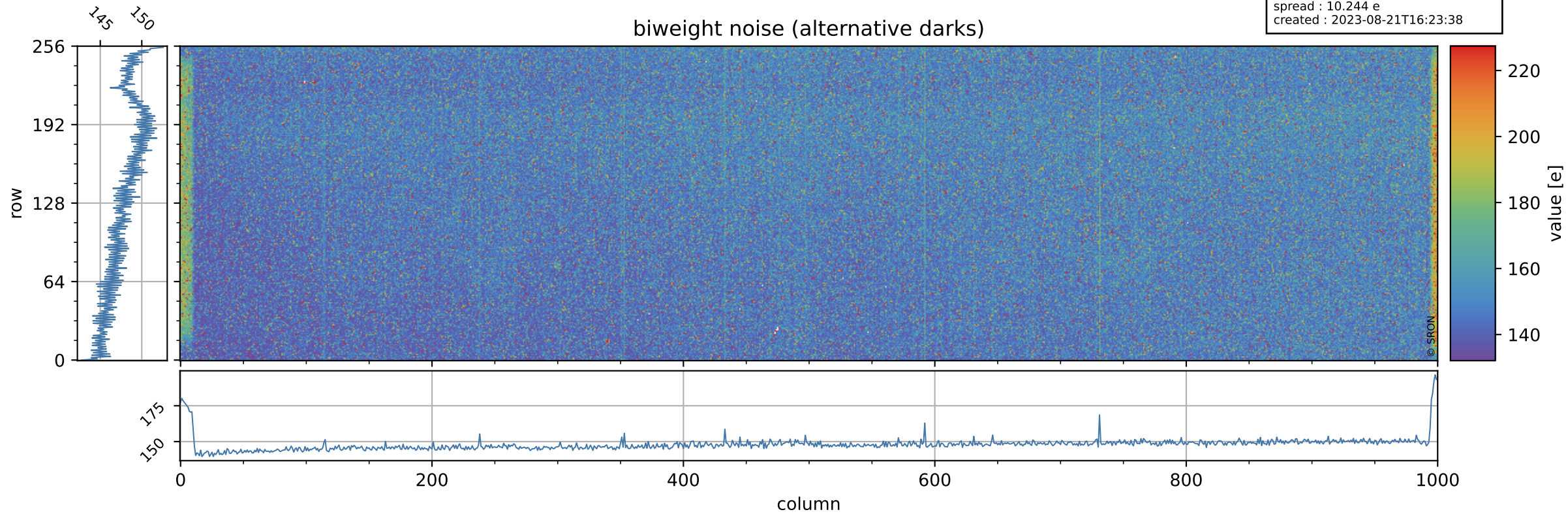
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
n_coad, t_exp : 1, 1.0783
median : 147.79 e
spread : 10.244 e
created : 2023-08-21T16:23:38

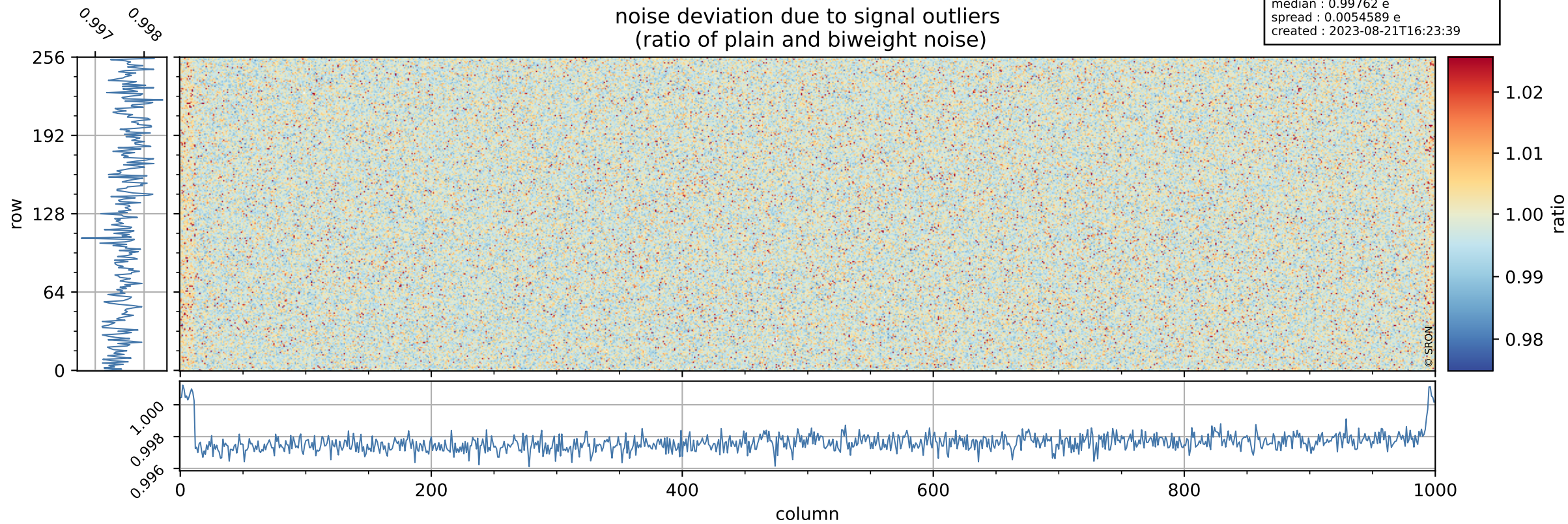
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

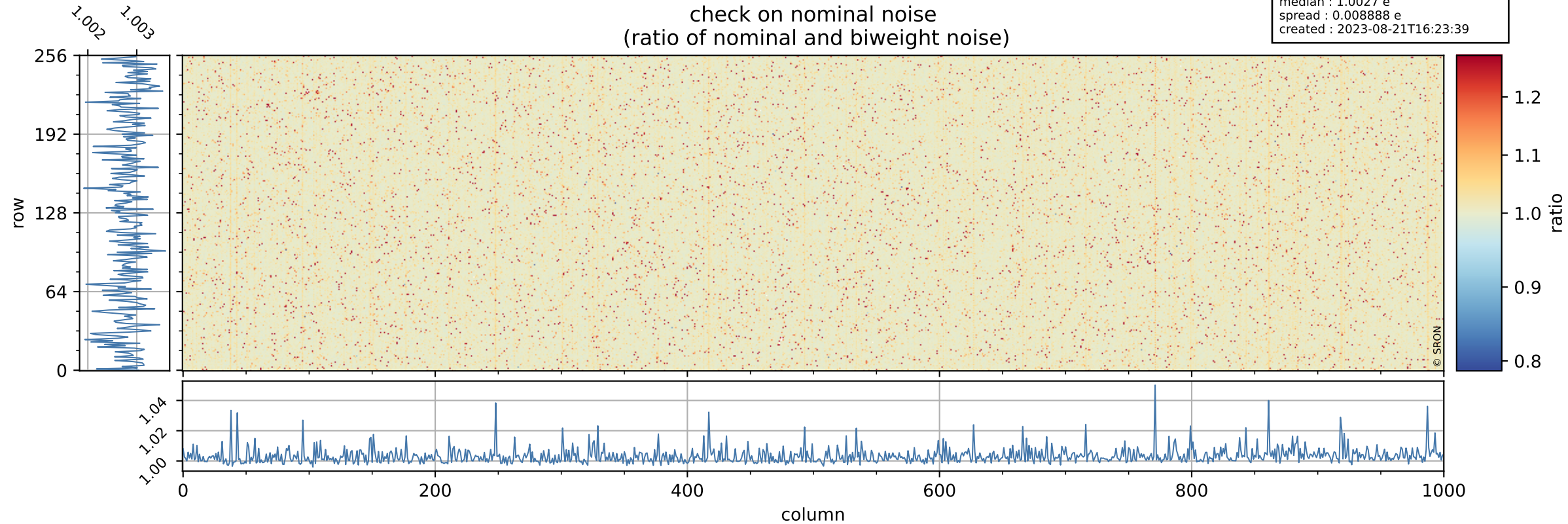
orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
median : 0.99762 e
spread : 0.0054589 e
created : 2023-08-21T16:23:39



Tropomi SWIR background noise (swir)

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

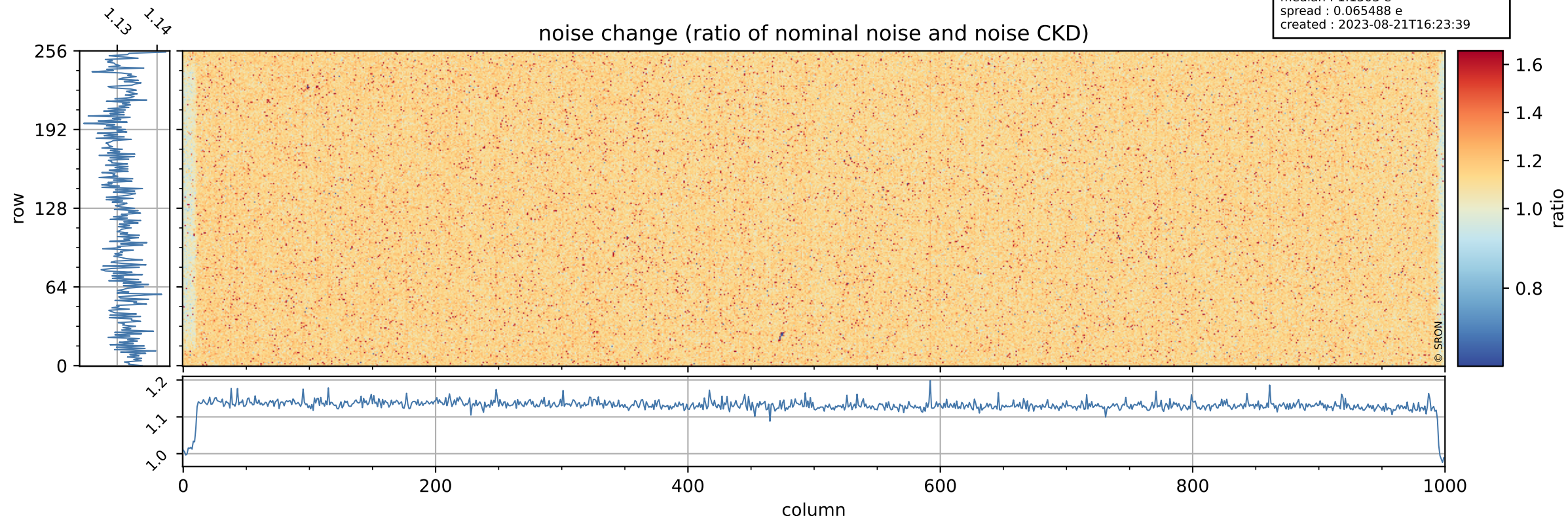
orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
median : 1.0027 e
spread : 0.008888 e
created : 2023-08-21T16:23:39



Tropomi SWIR background noise (swir)

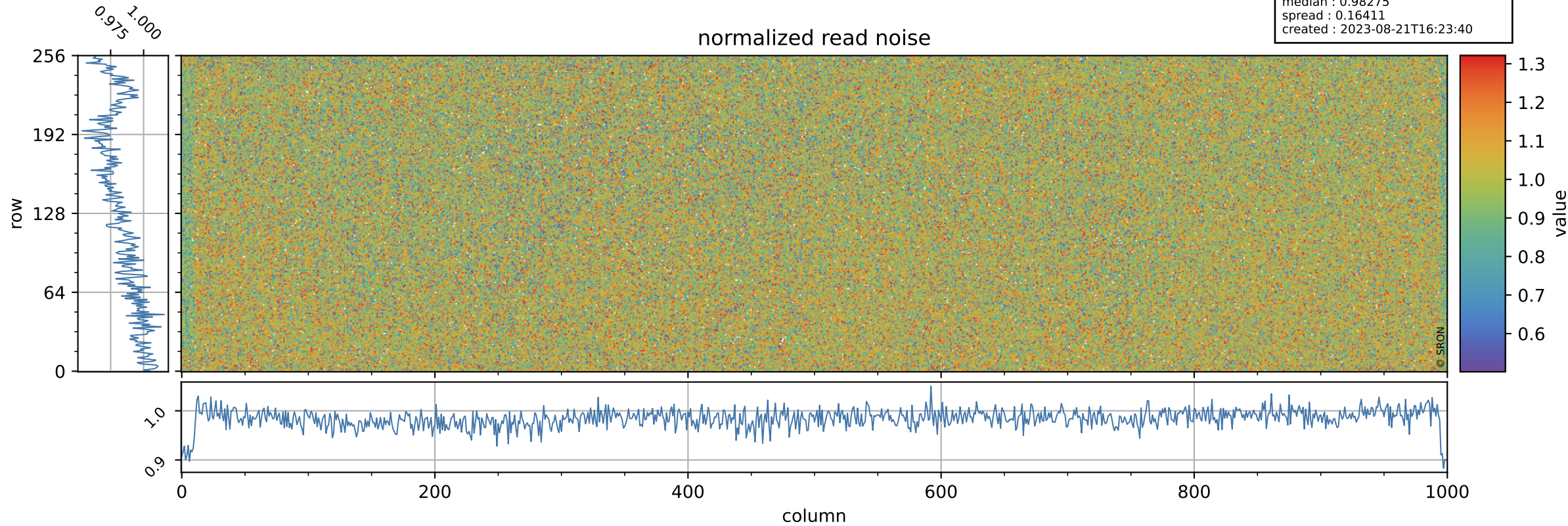
orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
median : 1.1303 e
spread : 0.065488 e
created : 2023-08-21T16:23:39

noise change (ratio of nominal noise and noise CKD)



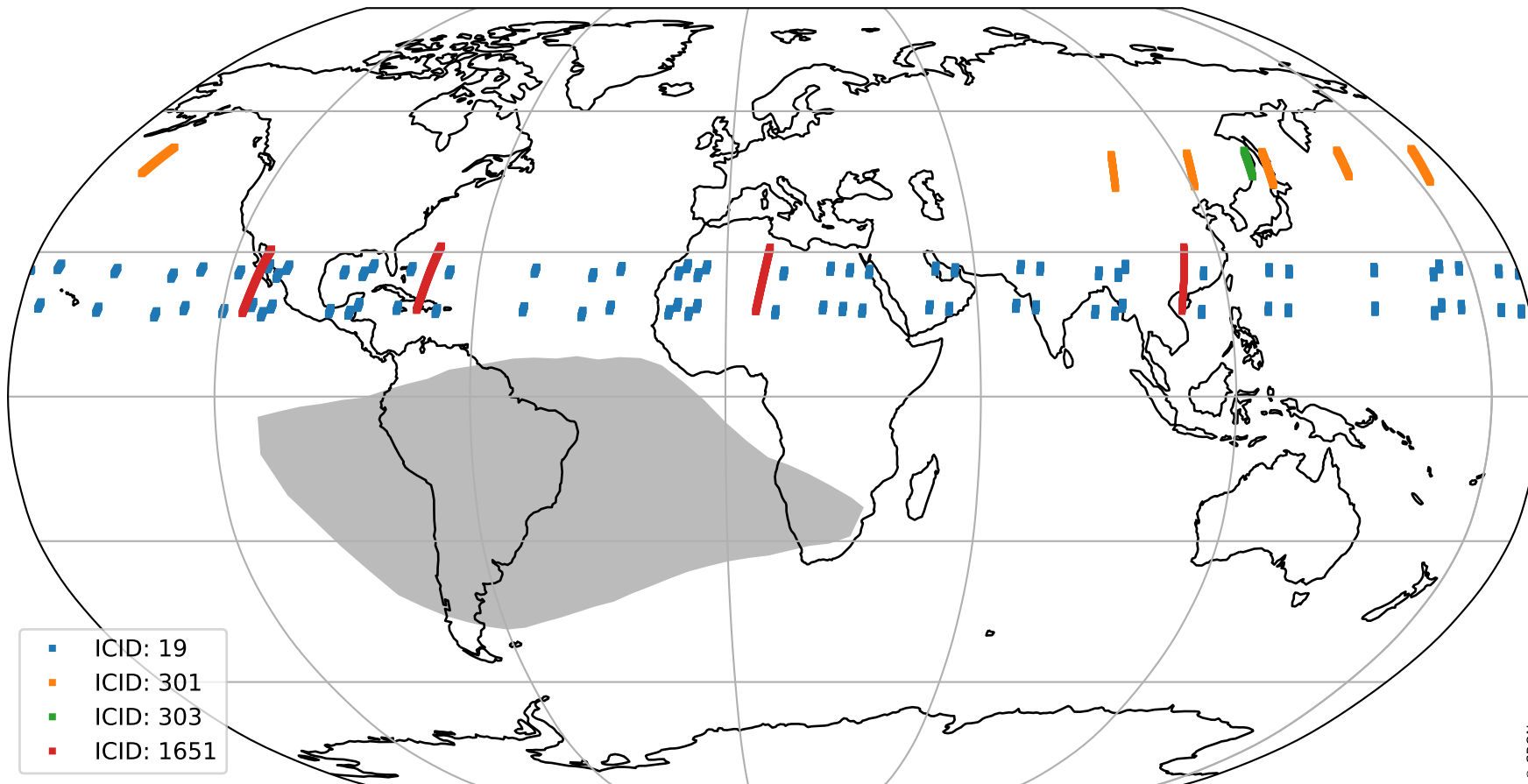
Tropomi SWIR background noise (swir)

orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
median : 0.98275
spread : 0.16411
created : 2023-08-21T16:23:40



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

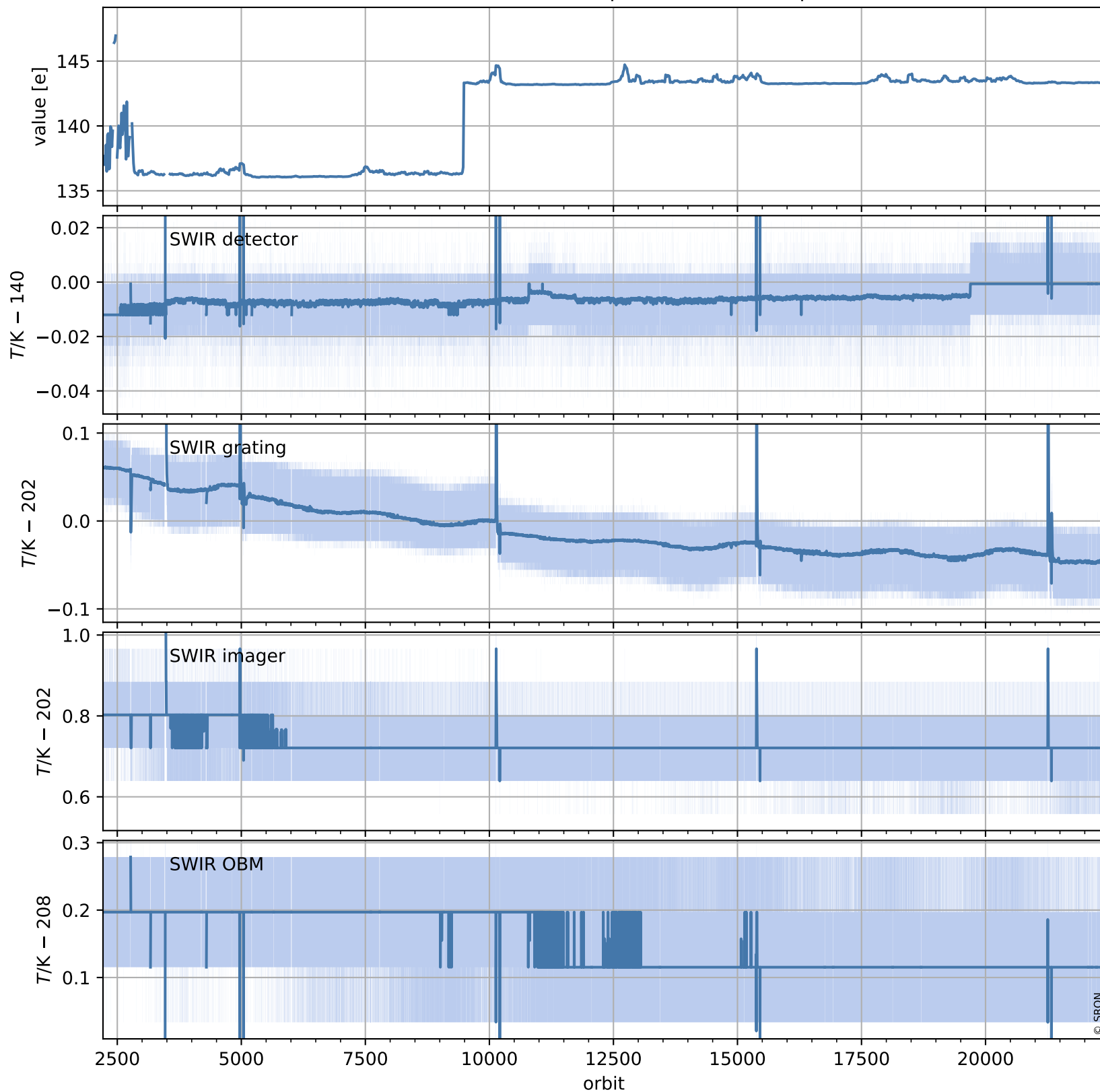
orbits : 11 in [22327, 22402]
coverage : 2022-02-02 / 2022-02-07
created : 2023-08-21T16:23:40



Tropomi SWIR background noise (swir)

orbits : [2212, 22402]
coverage : 2018-03-18 / 2022-02-07
created : 2023-08-21T16:23:40

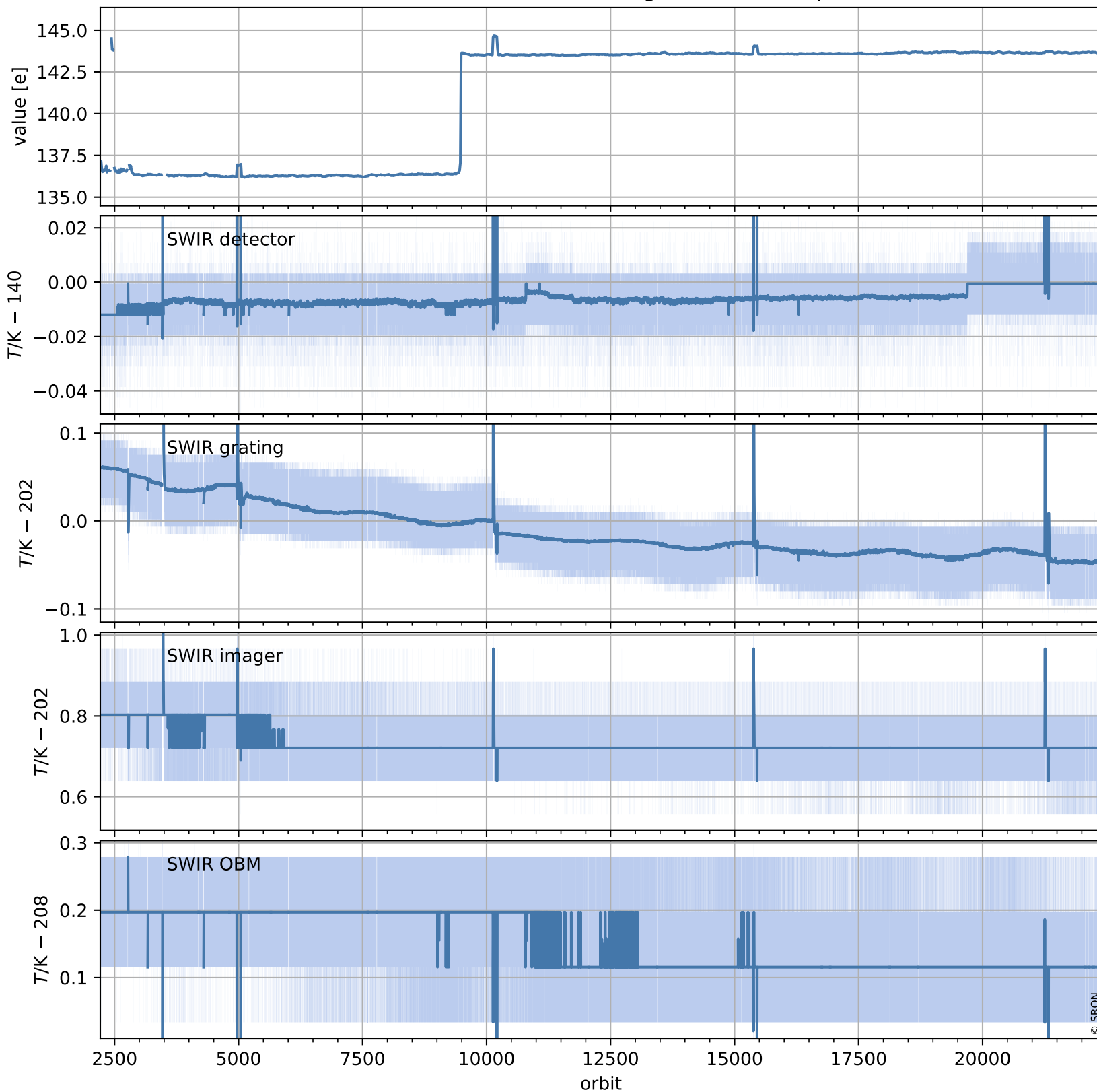
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22402]
coverage : 2018-03-18 / 2022-02-07
created : 2023-08-21T16:23:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22402]
coverage : 2018-03-18 / 2022-02-07
created : 2023-08-21T16:23:42

trend of normalized read-noise & temperatures

