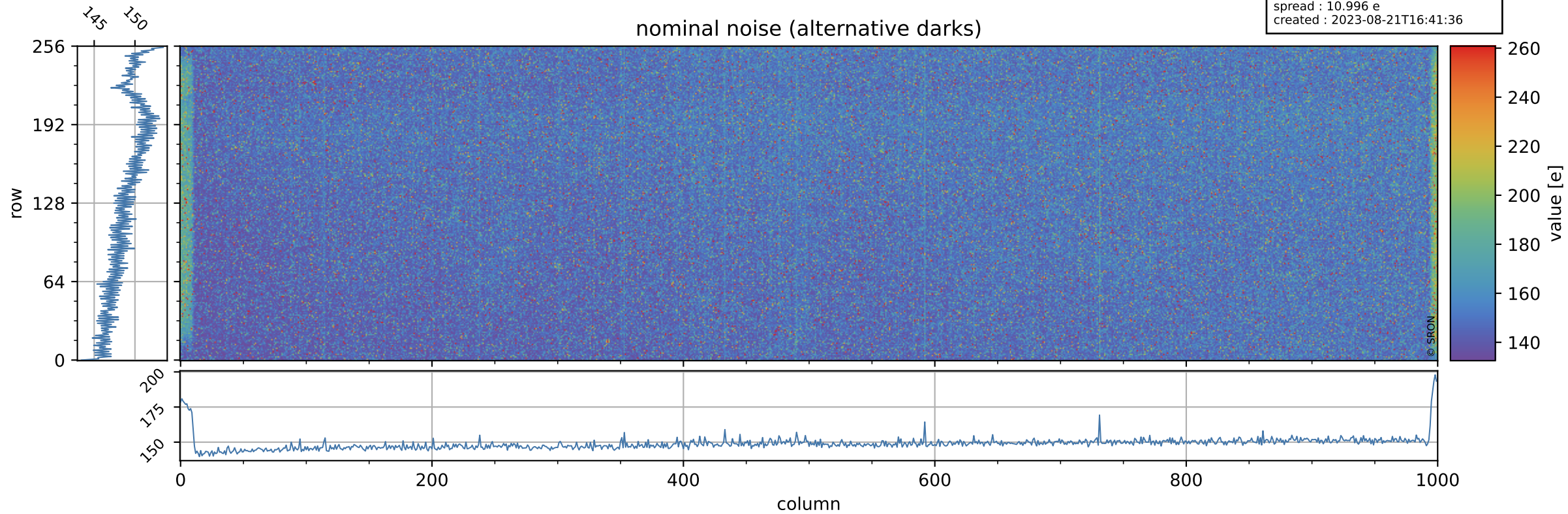


Tropomi SWIR background noise (swir)

orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
n_coad, t_exp : 1, 1.0783
median : 148.8 e
spread : 10.996 e
created : 2023-08-21T16:41:36

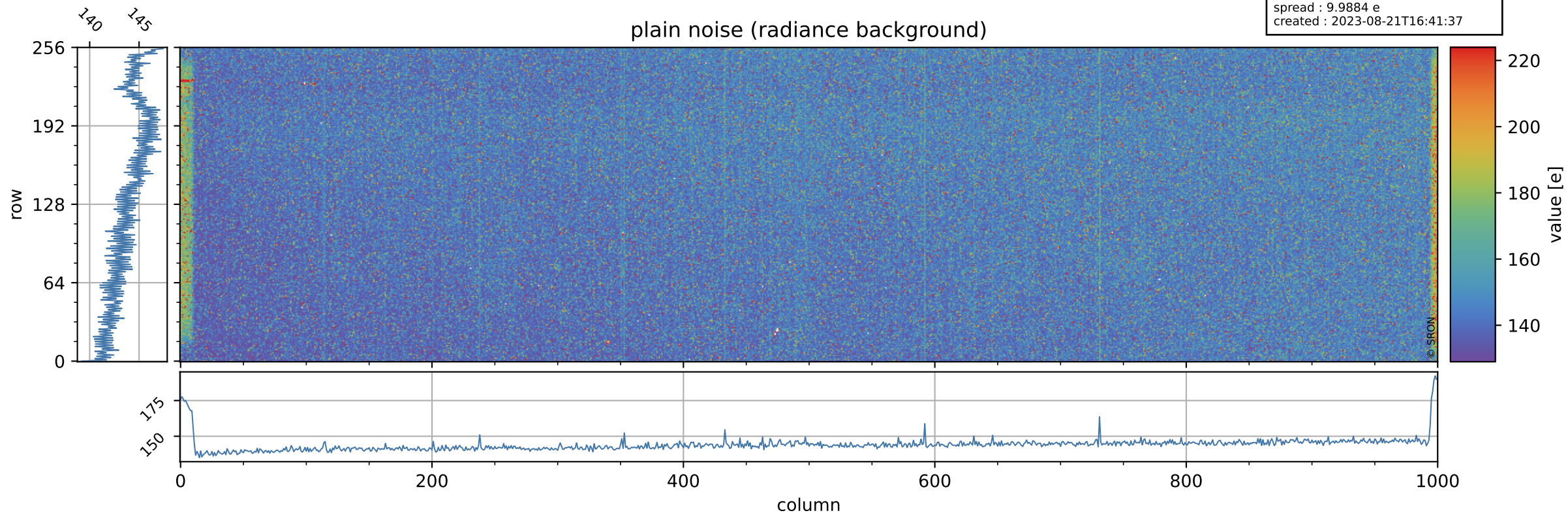
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.9884 e
created : 2023-08-21T16:41:37

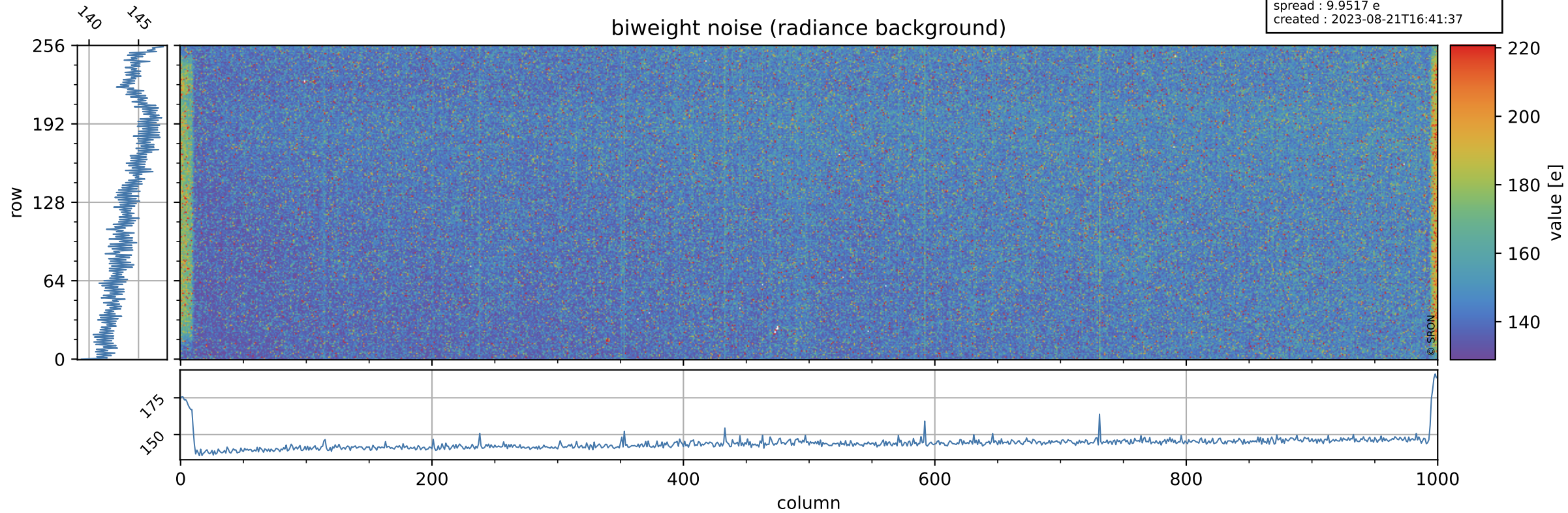
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
n_coad, t_exp : 1, 0.8383
median : 143.91 e
spread : 9.9517 e
created : 2023-08-21T16:41:37

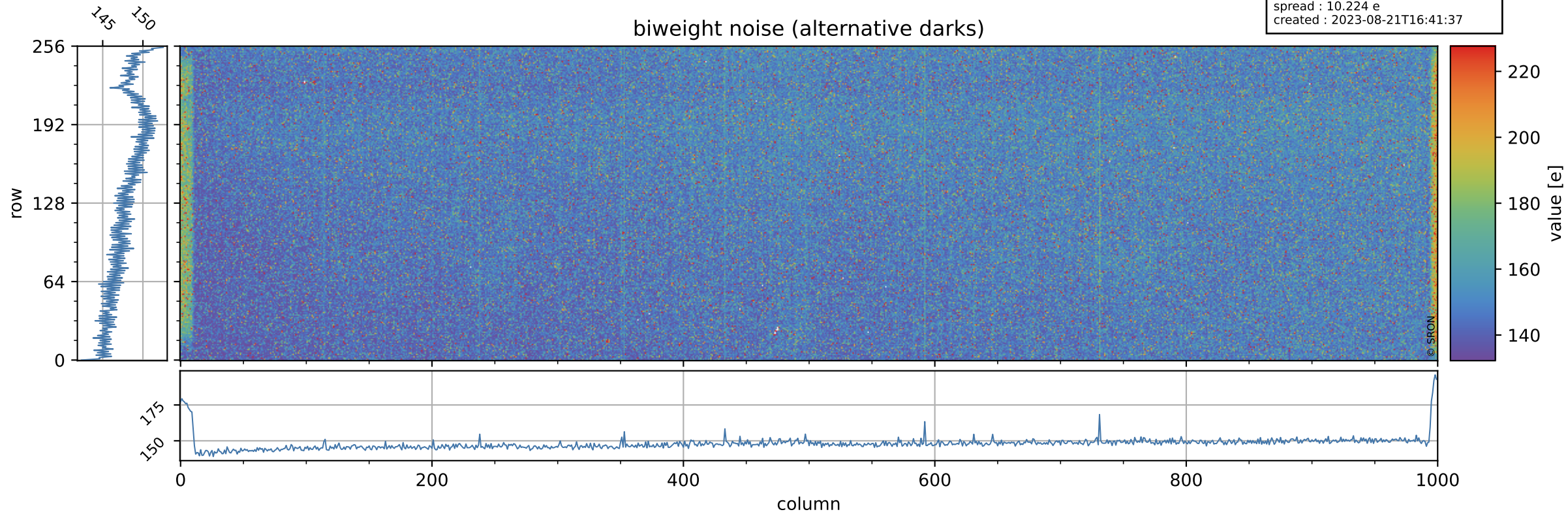
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.224 e
created : 2023-08-21T16:41:37

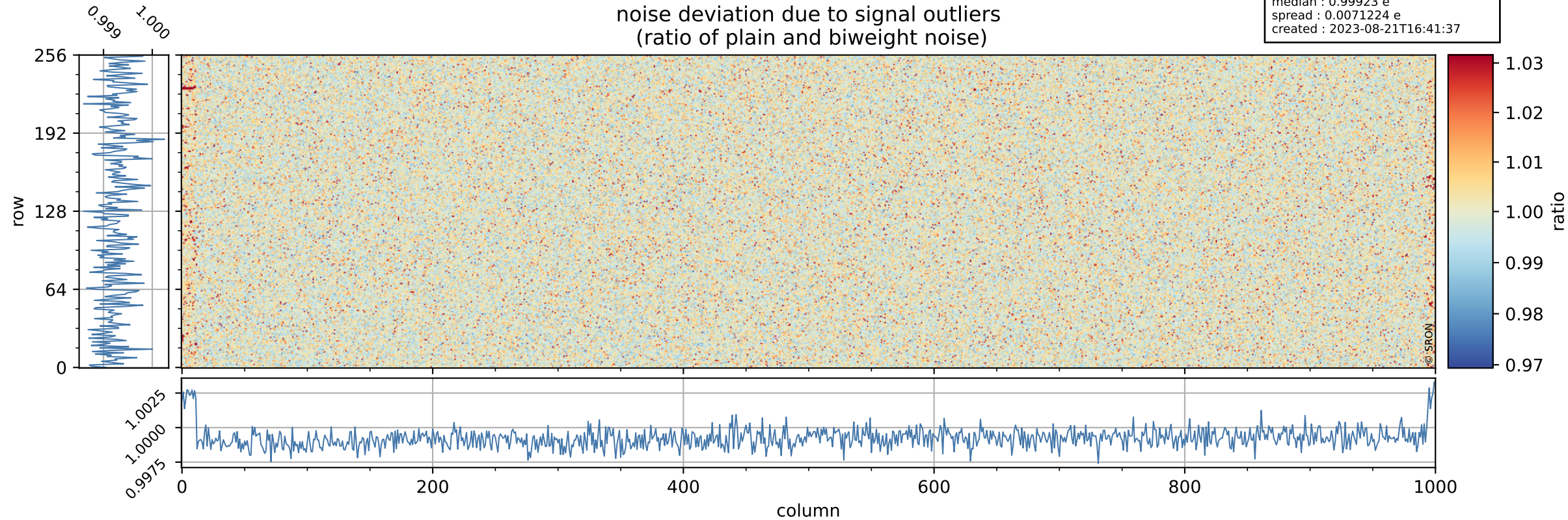
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

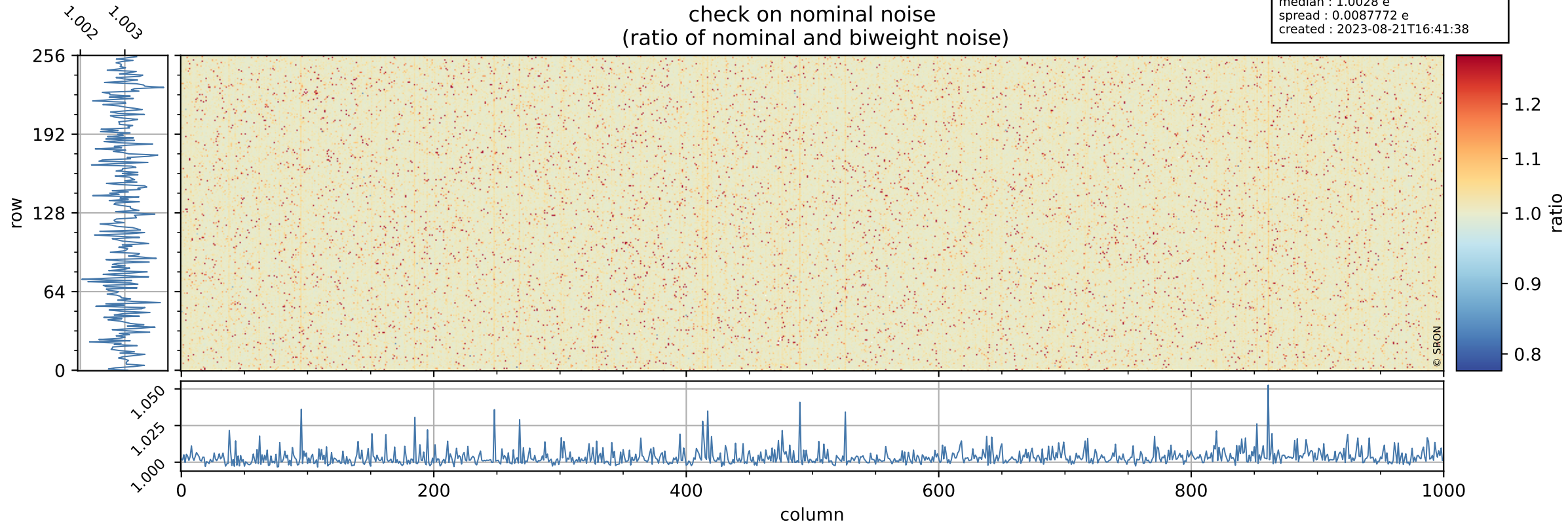
orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
median : 0.99923 e
spread : 0.0071224 e
created : 2023-08-21T16:41:37



Tropomi SWIR background noise (swir)

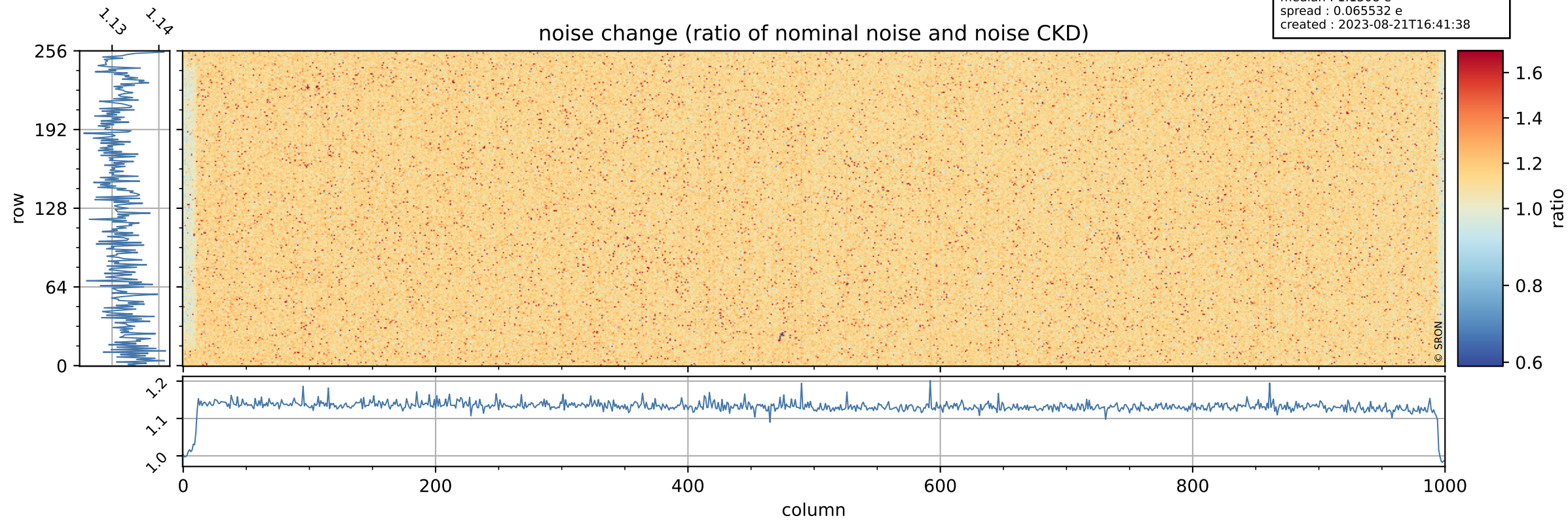
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
median : 1.0028 e
spread : 0.0087772 e
created : 2023-08-21T16:41:38



Tropomi SWIR background noise (swir)

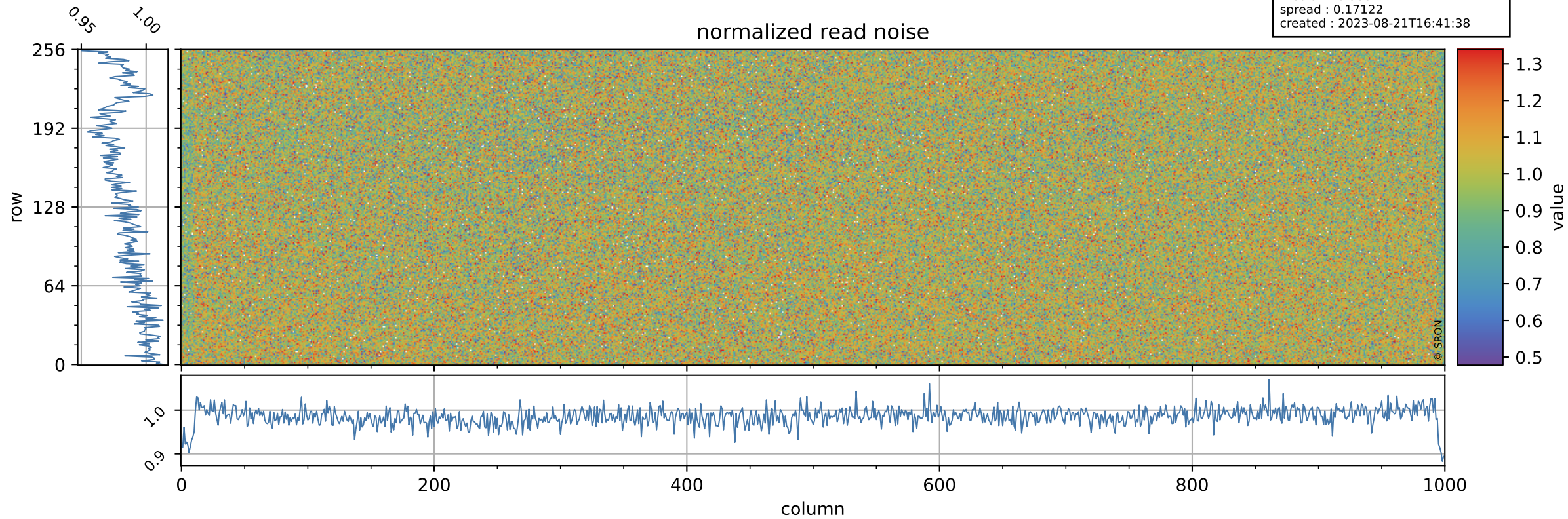
orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
median : 1.1308 e
spread : 0.065532 e
created : 2023-08-21T16:41:38



Tropomi SWIR background noise (swir)

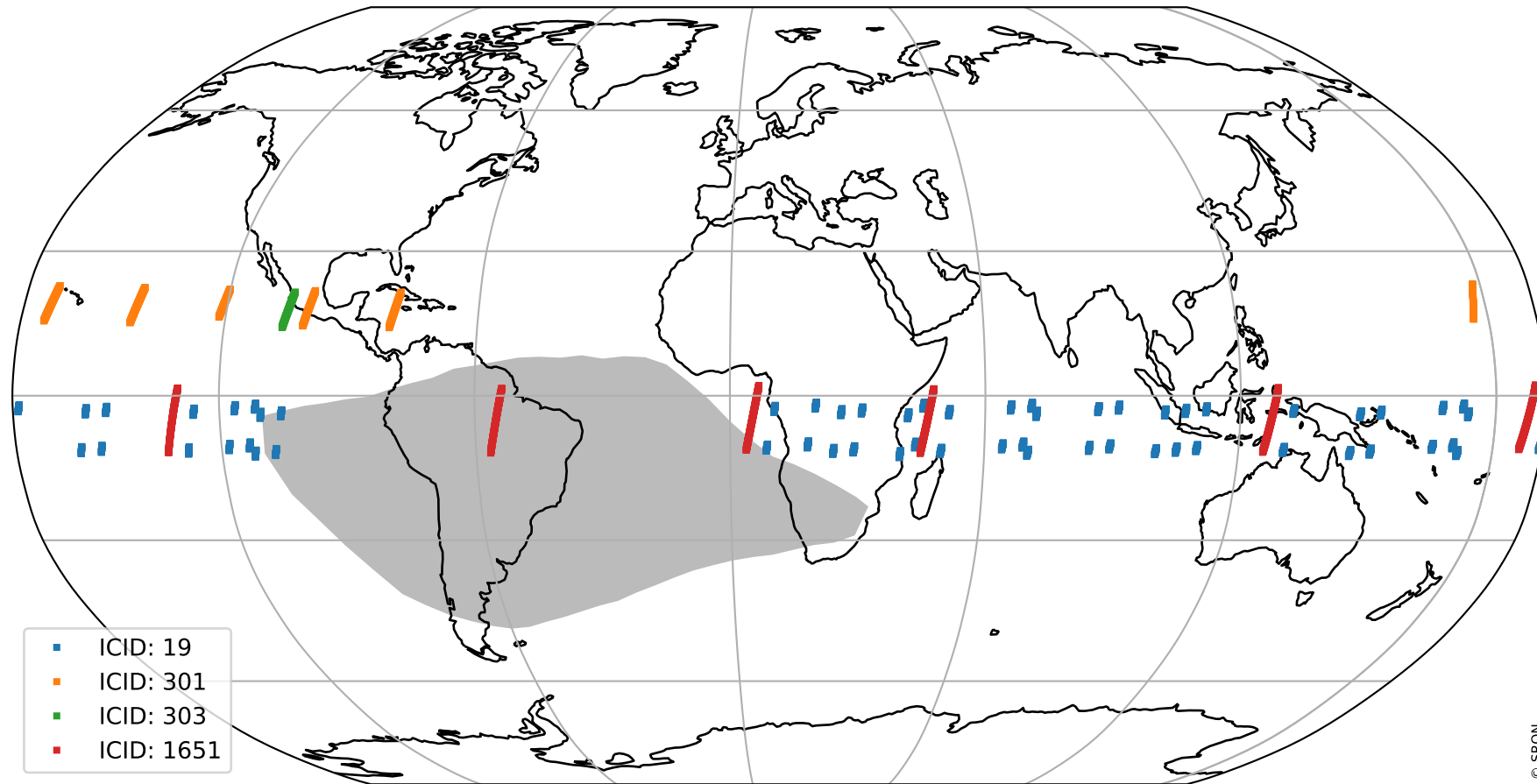
orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
median : 0.98377
spread : 0.17122
created : 2023-08-21T16:41:38

normalized read noise



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

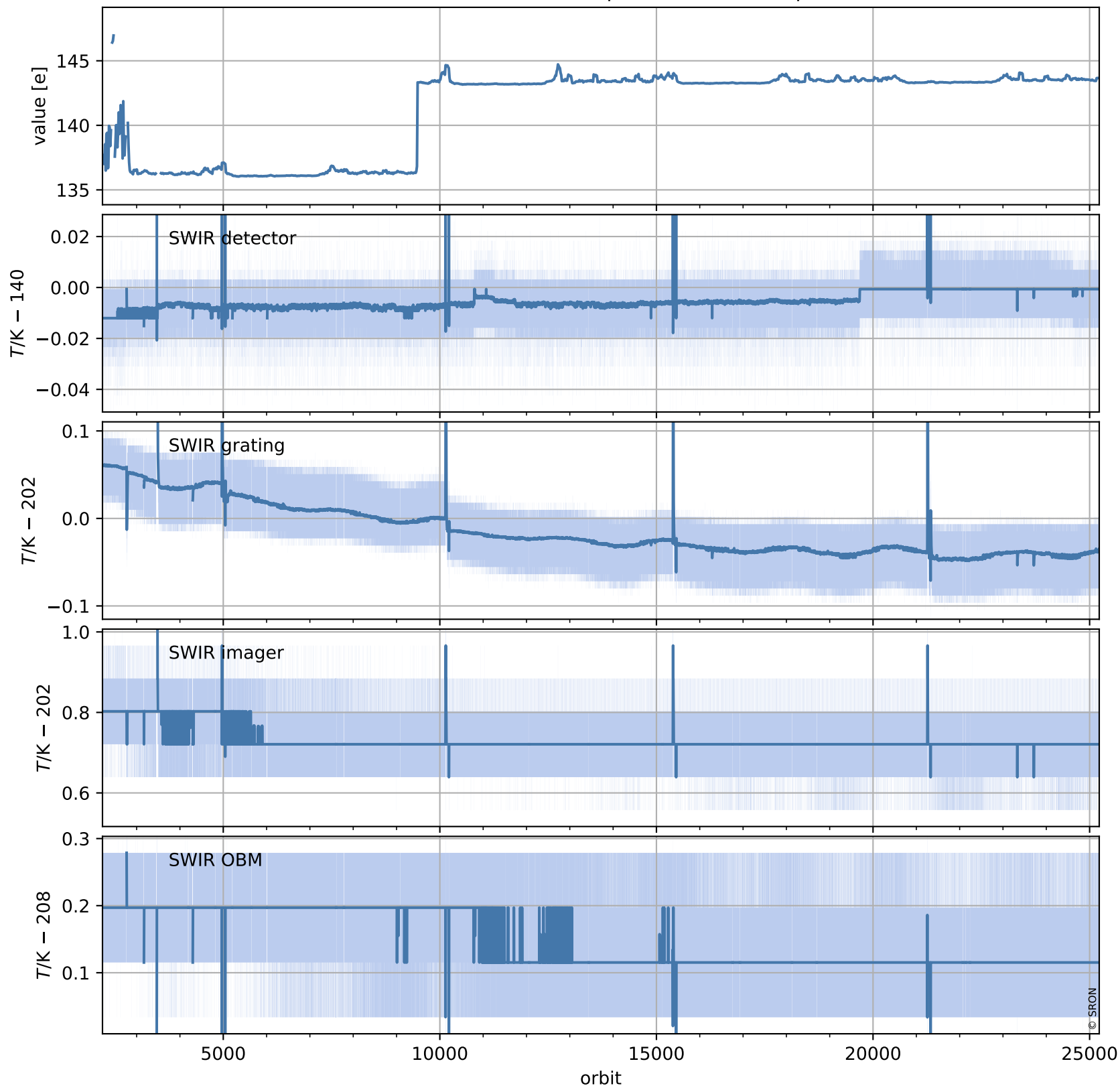
orbits : 13 in [25147, 25222]
coverage : 2022-08-20 / 2022-08-25
created : 2023-08-21T16:41:38



Tropomi SWIR background noise (swir)

orbits : [2212, 25222]
coverage : 2018-03-18 / 2022-08-25
created : 2023-08-21T16:41:39

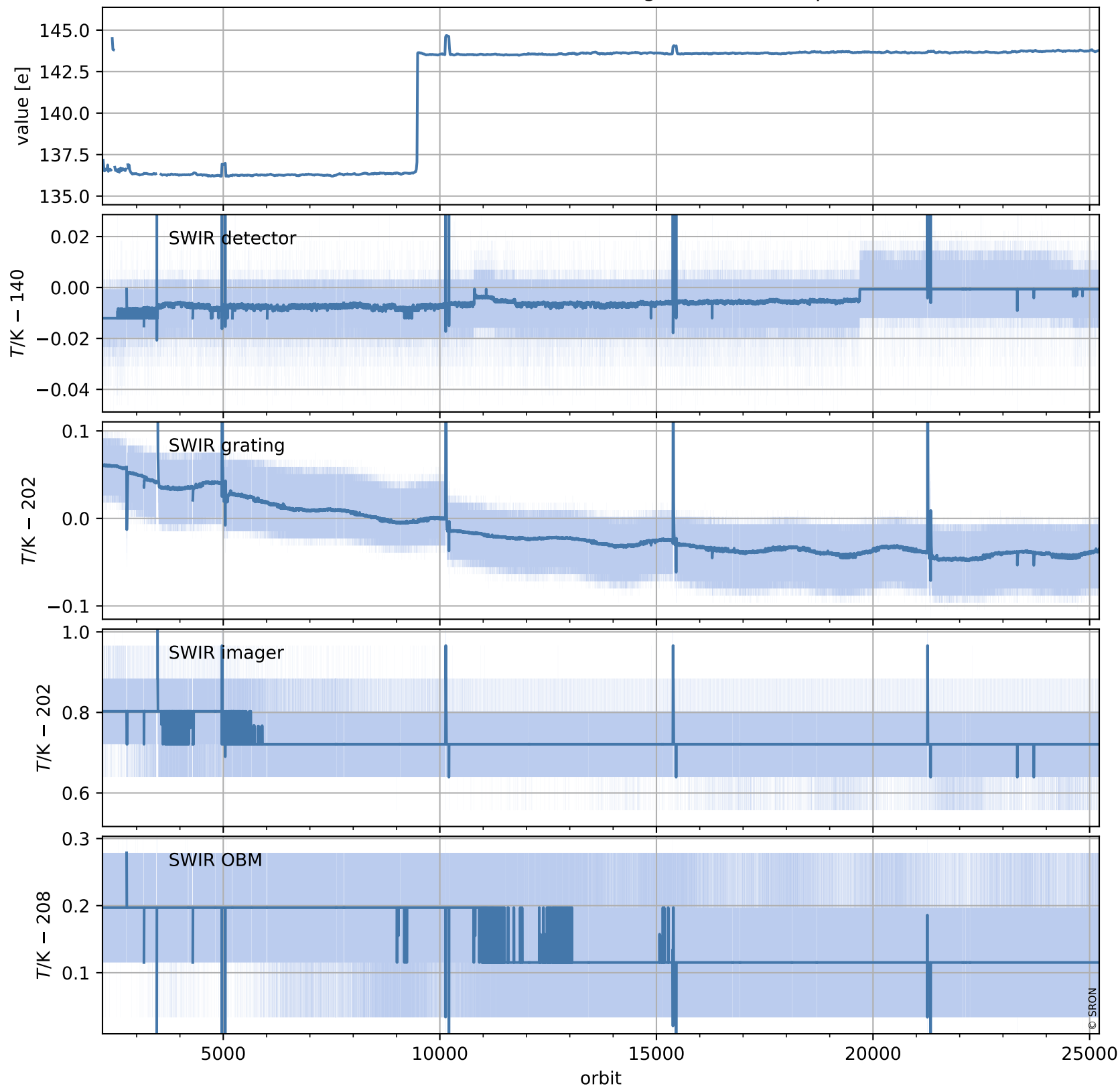
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25222]
coverage : 2018-03-18 / 2022-08-25
created : 2023-08-21T16:41:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25222]
coverage : 2018-03-18 / 2022-08-25
created : 2023-08-21T16:41:41

trend of normalized read-noise & temperatures

