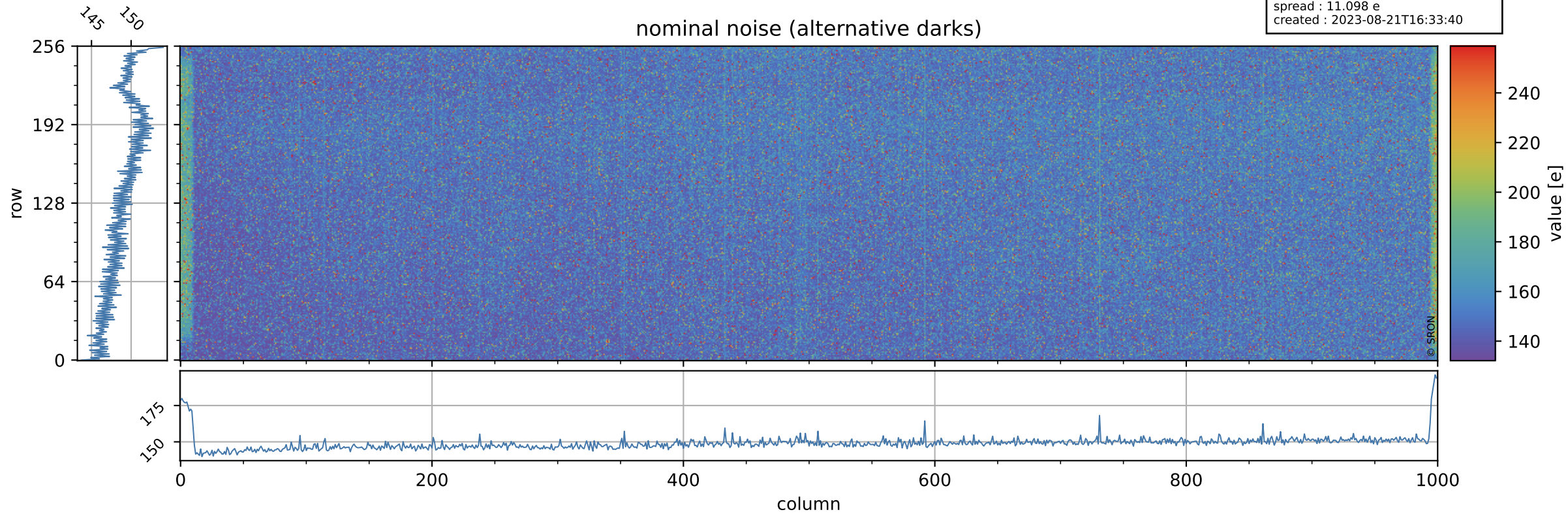


Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.098 e
created : 2023-08-21T16:33:40

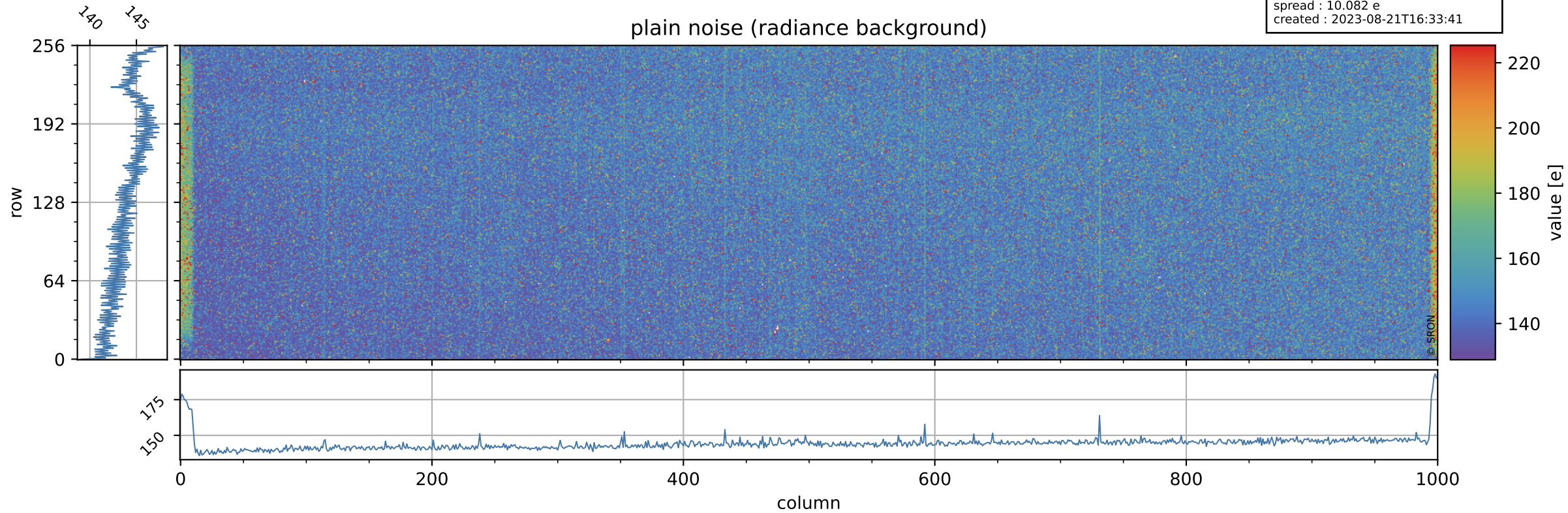
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
n_coad, t_exp : 1, 0.8383
median : 143.92 e
spread : 10.082 e
created : 2023-08-21T16:33:41

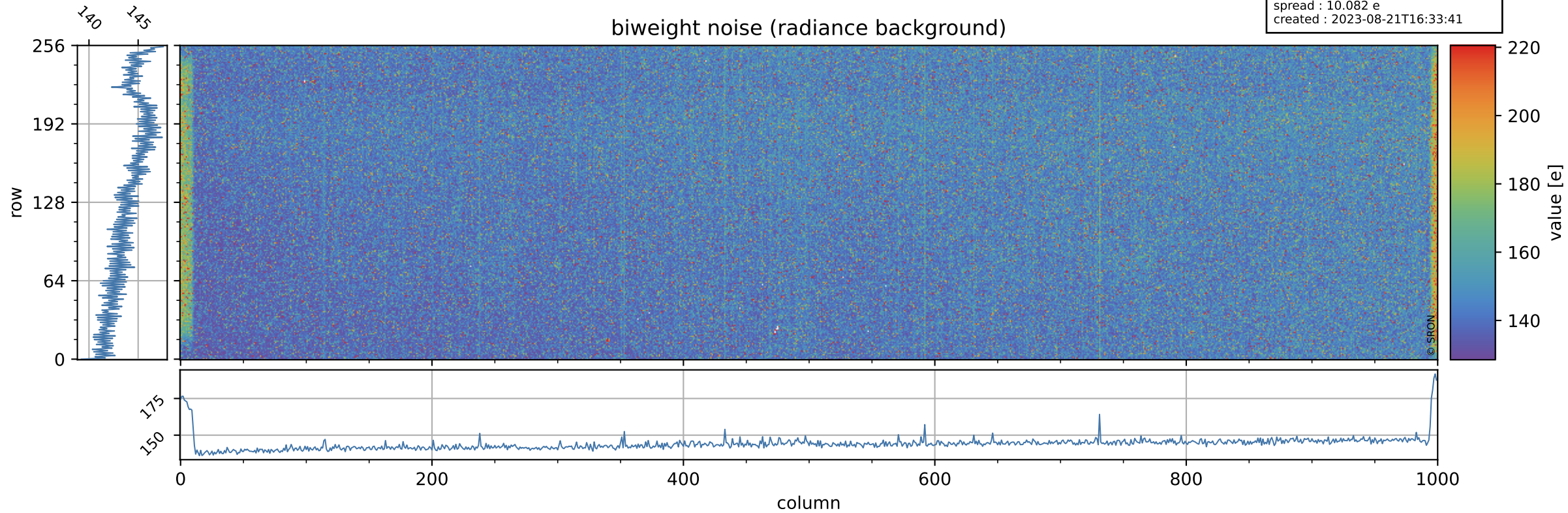
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 10.082 e
created : 2023-08-21T16:33:41

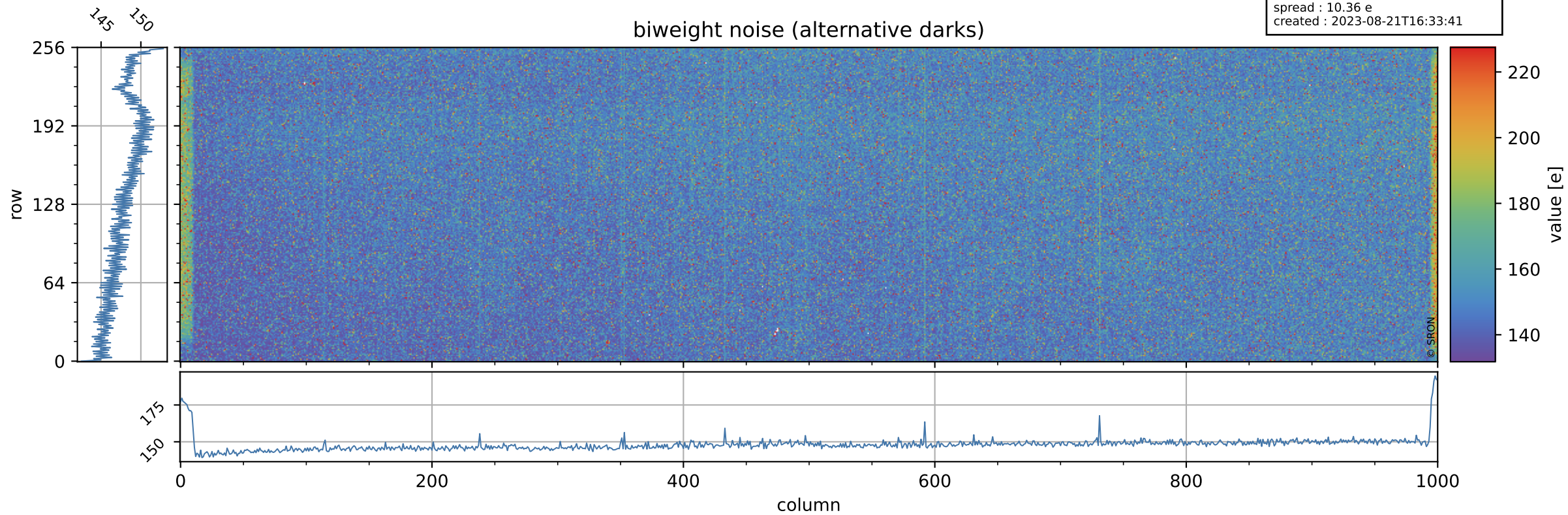
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.36 e
created : 2023-08-21T16:33:41

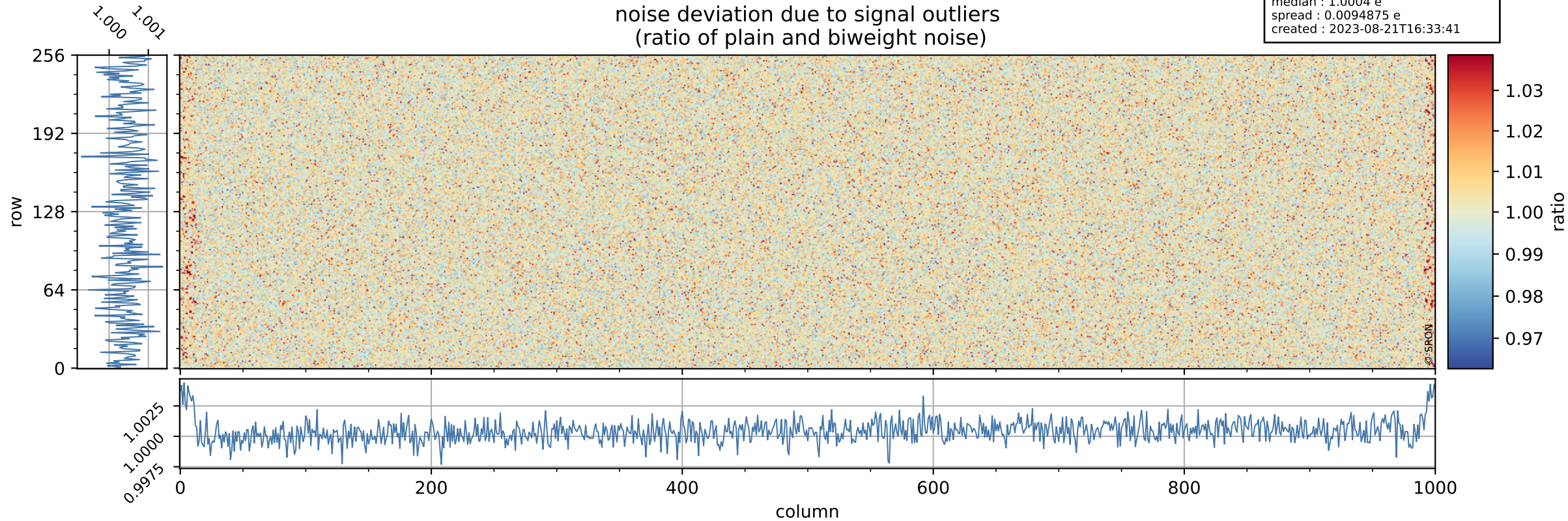
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

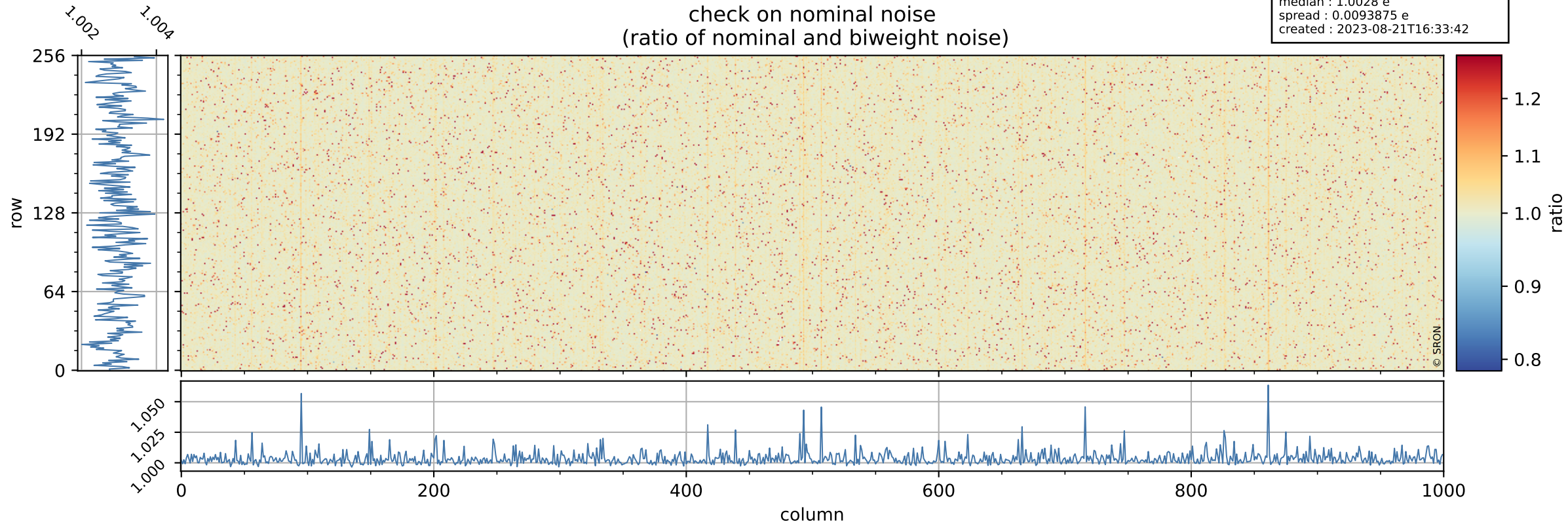
orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
median : 1.0004 e
spread : 0.0094875 e
created : 2023-08-21T16:33:41



Tropomi SWIR background noise (swir)

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

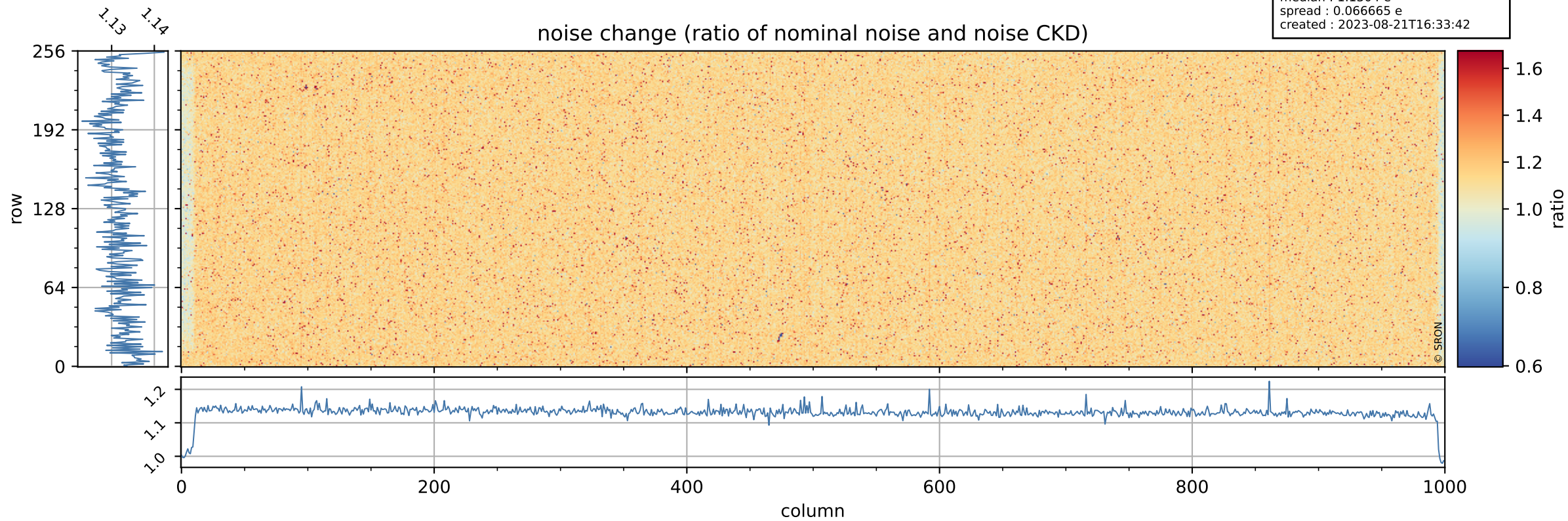
orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
median : 1.0028 e
spread : 0.0093875 e
created : 2023-08-21T16:33:42



Tropomi SWIR background noise (swir)

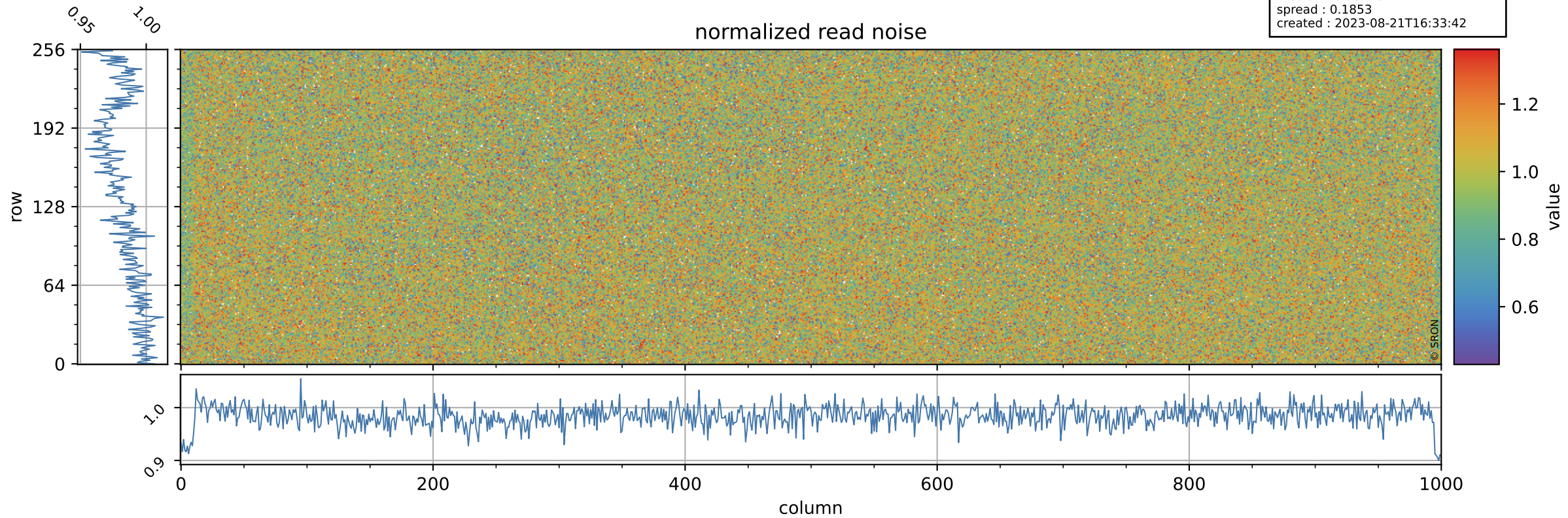
orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
median : 1.1304 e
spread : 0.066665 e
created : 2023-08-21T16:33:42

noise change (ratio of nominal noise and noise CKD)



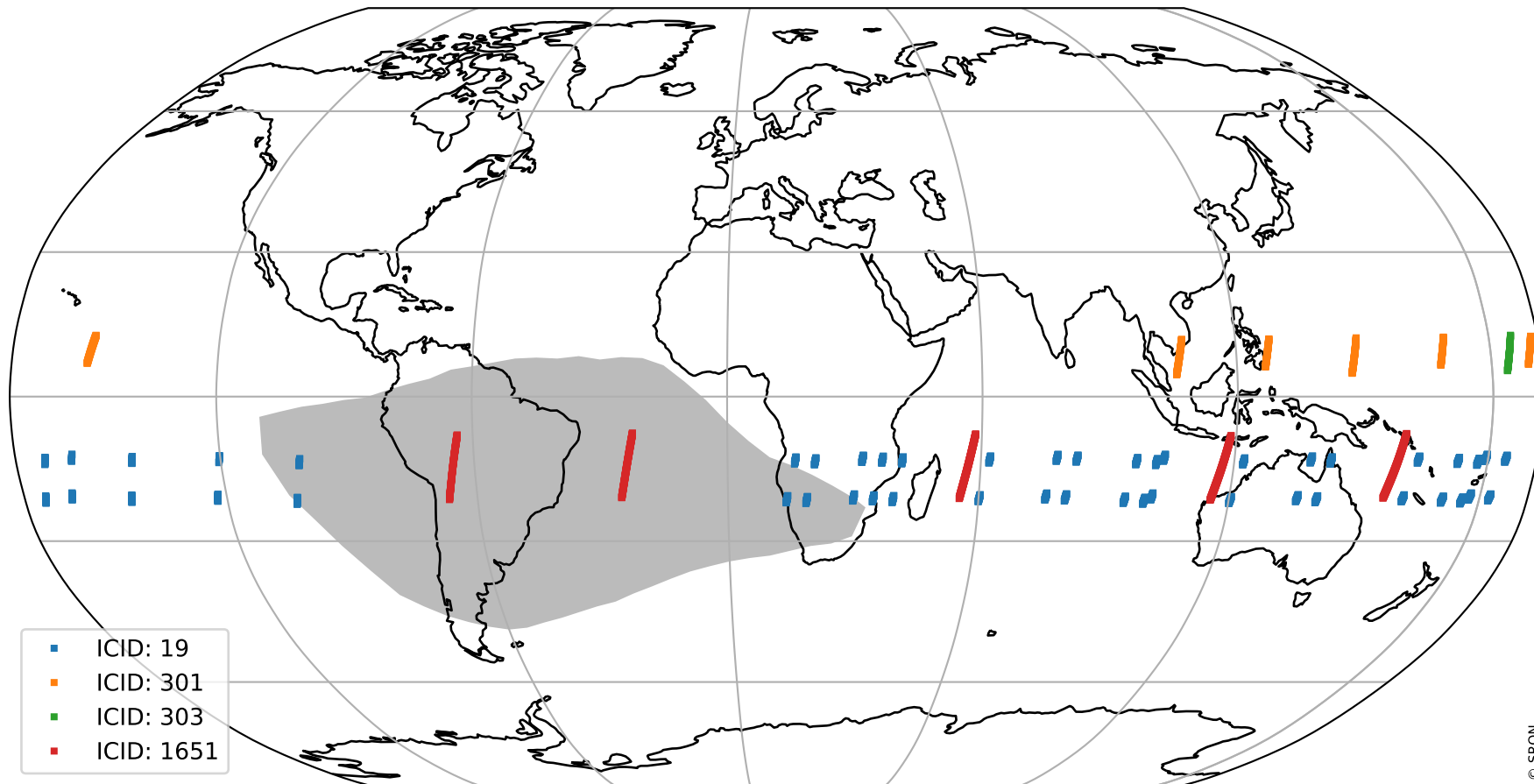
Tropomi SWIR background noise (swir)

orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
median : 0.98248
spread : 0.1853
created : 2023-08-21T16:33:42



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

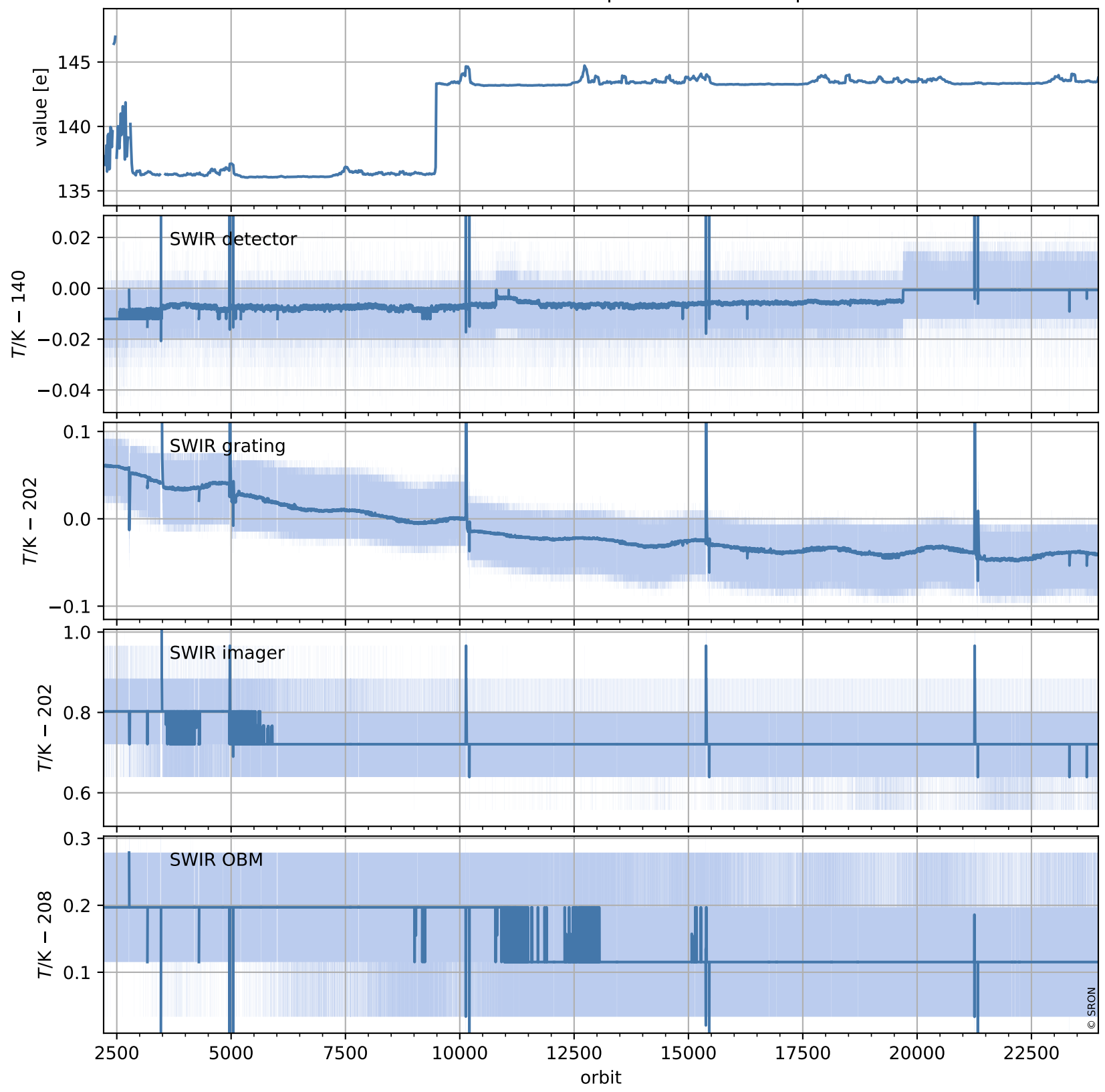
orbits : 12 in [23887, 23962]
coverage : 2022-05-23 / 2022-05-28
created : 2023-08-21T16:33:43



Tropomi SWIR background noise (swir)

orbits : [2212, 23962]
coverage : 2018-03-18 / 2022-05-28
created : 2023-08-21T16:33:43

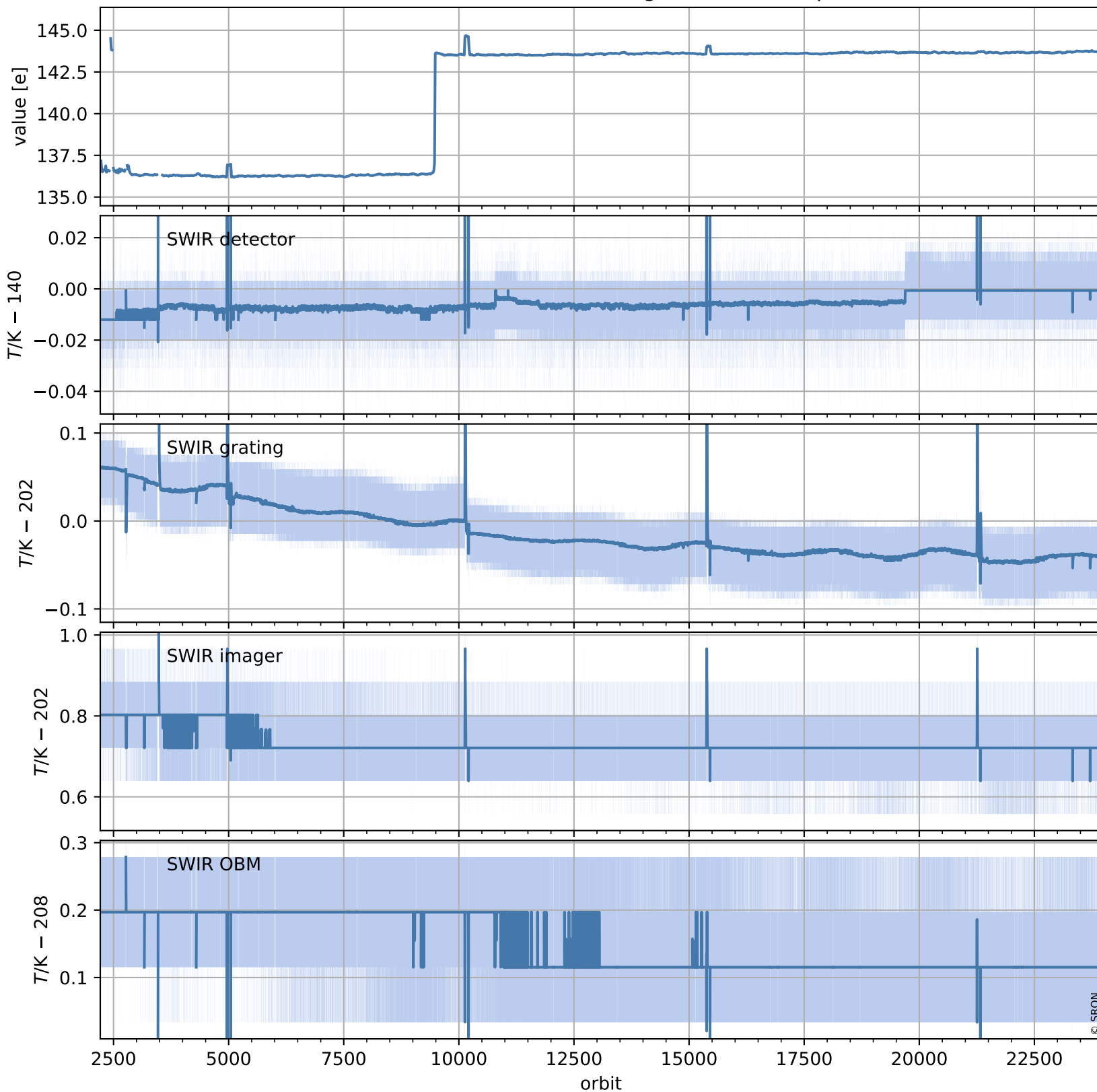
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23962]
coverage : 2018-03-18 / 2022-05-28
created : 2023-08-21T16:33:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23962]
coverage : 2018-03-18 / 2022-05-28
created : 2023-08-21T16:33:45

trend of normalized read-noise & temperatures

