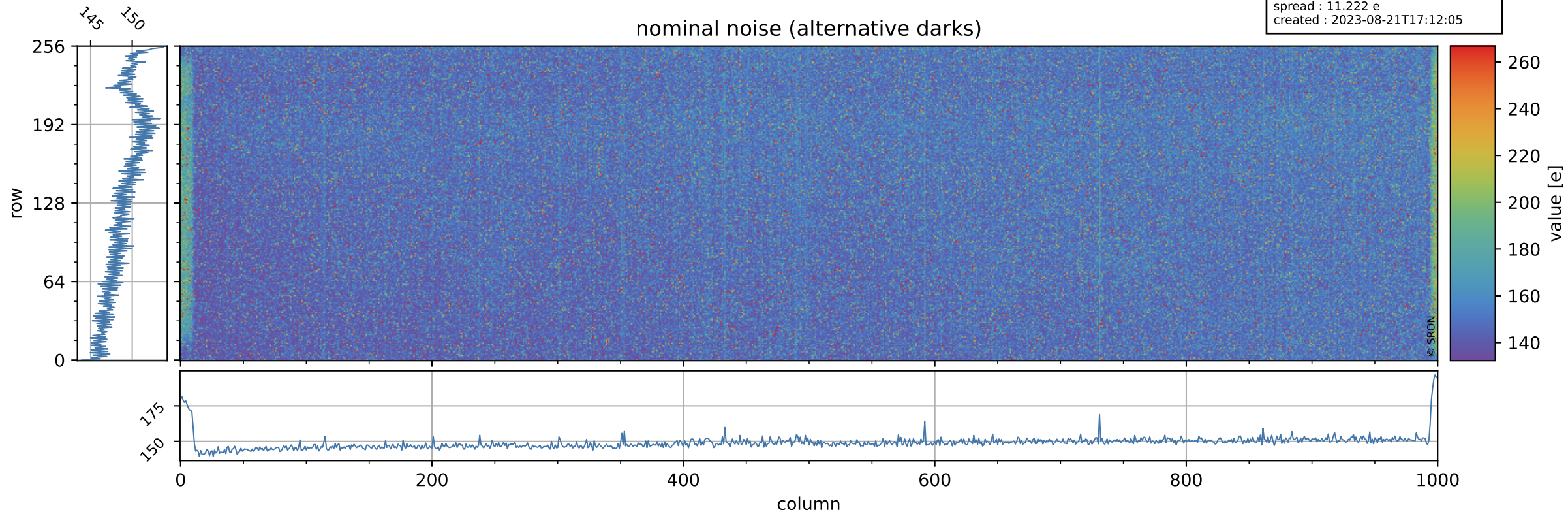


Tropomi SWIR background noise (swir)

orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.222 e
created : 2023-08-21T17:12:05

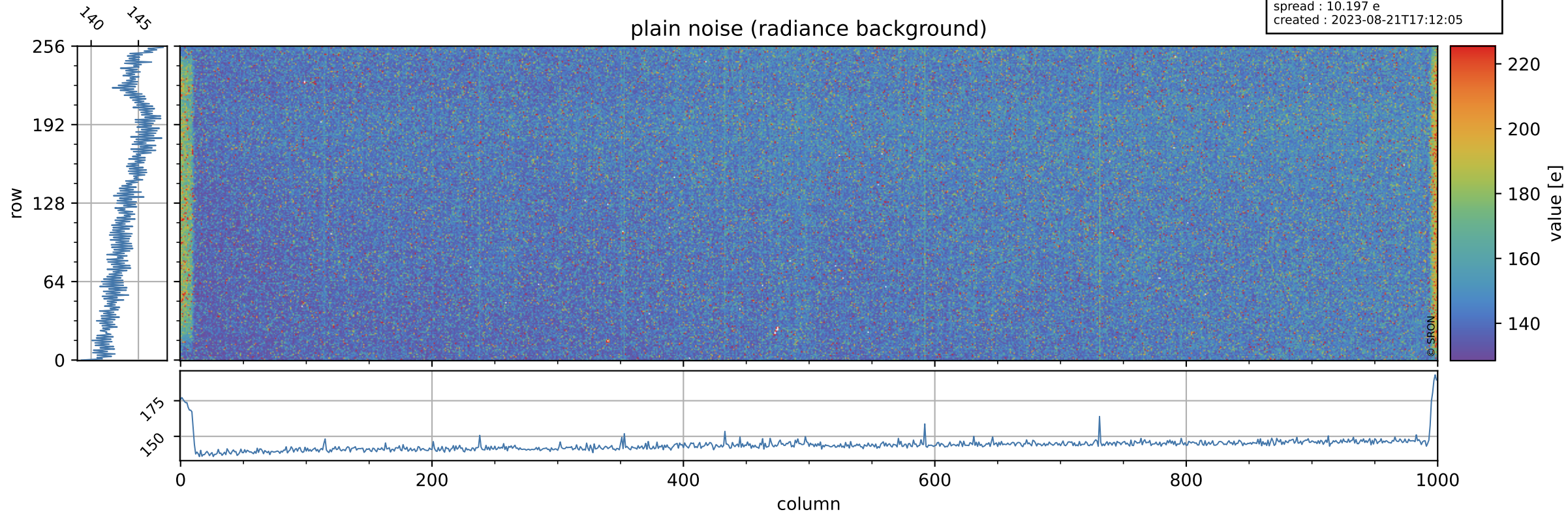
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 10.197 e
created : 2023-08-21T17:12:05

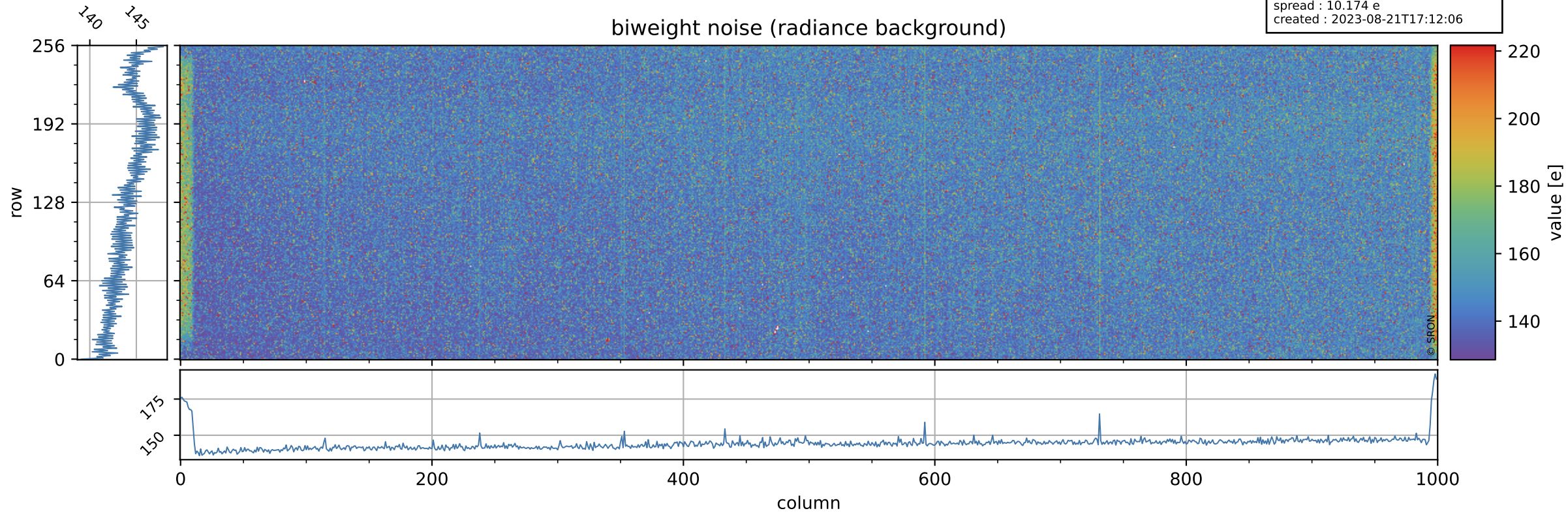
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
n_coad, t_exp : 1, 0.8383
median : 144.01 e
spread : 10.174 e
created : 2023-08-21T17:12:06

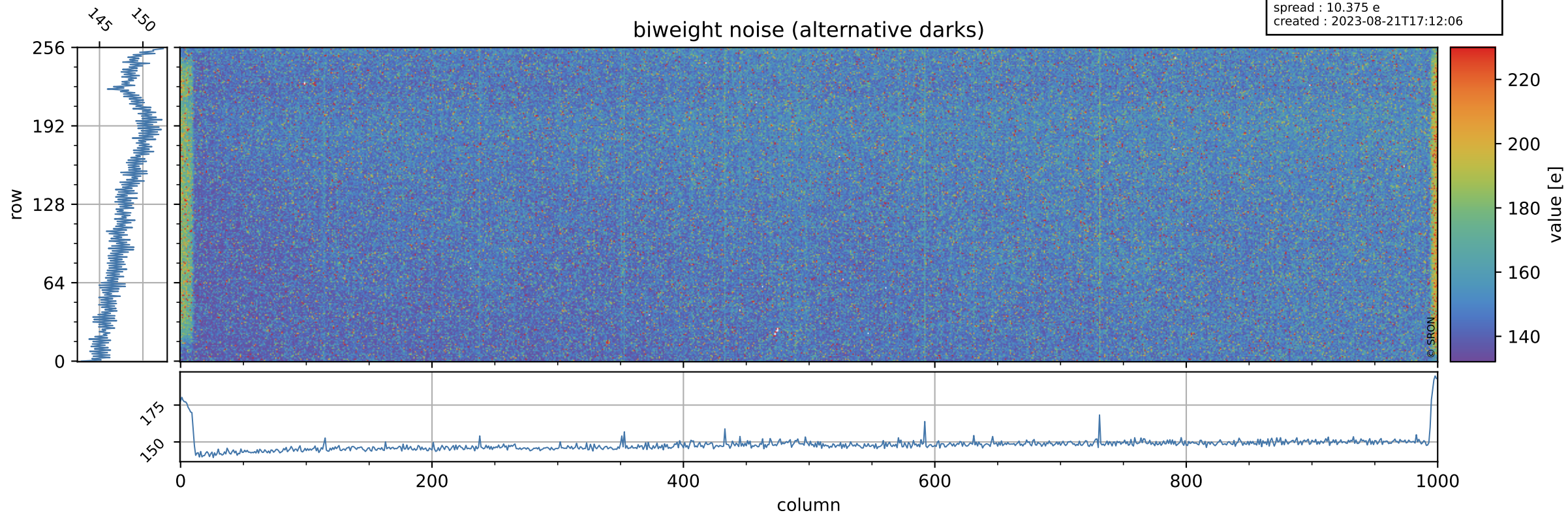
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
n_coad, t_exp : 1, 1.0783
median : 147.92 e
spread : 10.375 e
created : 2023-08-21T17:12:06

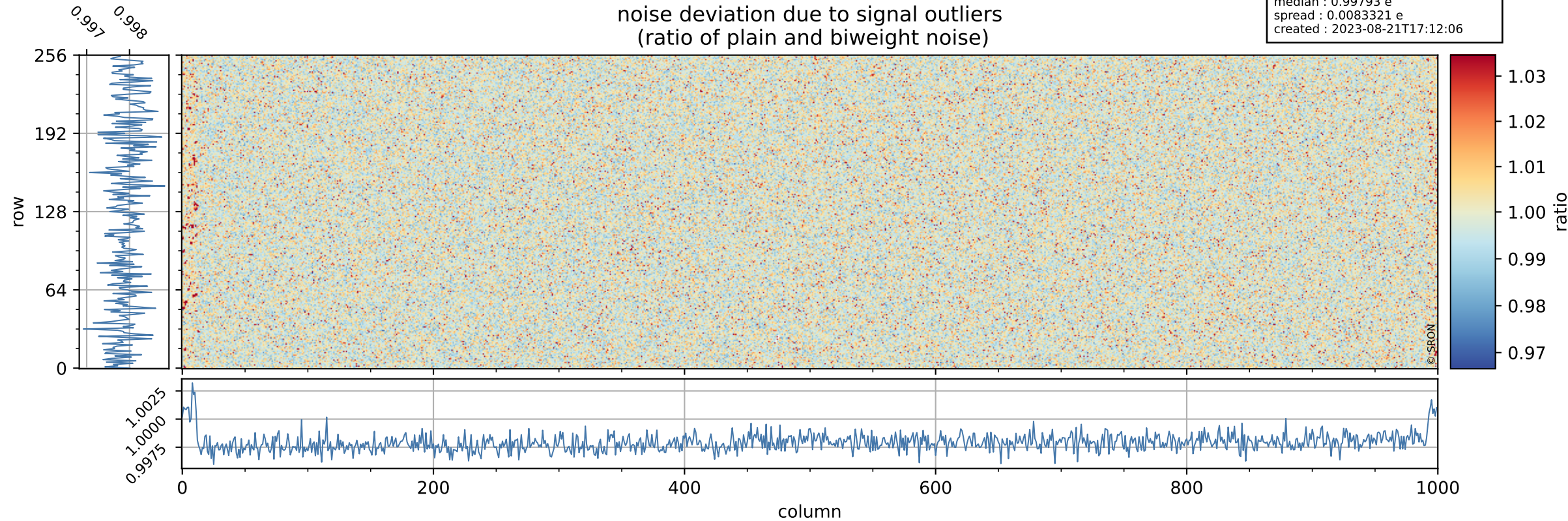
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

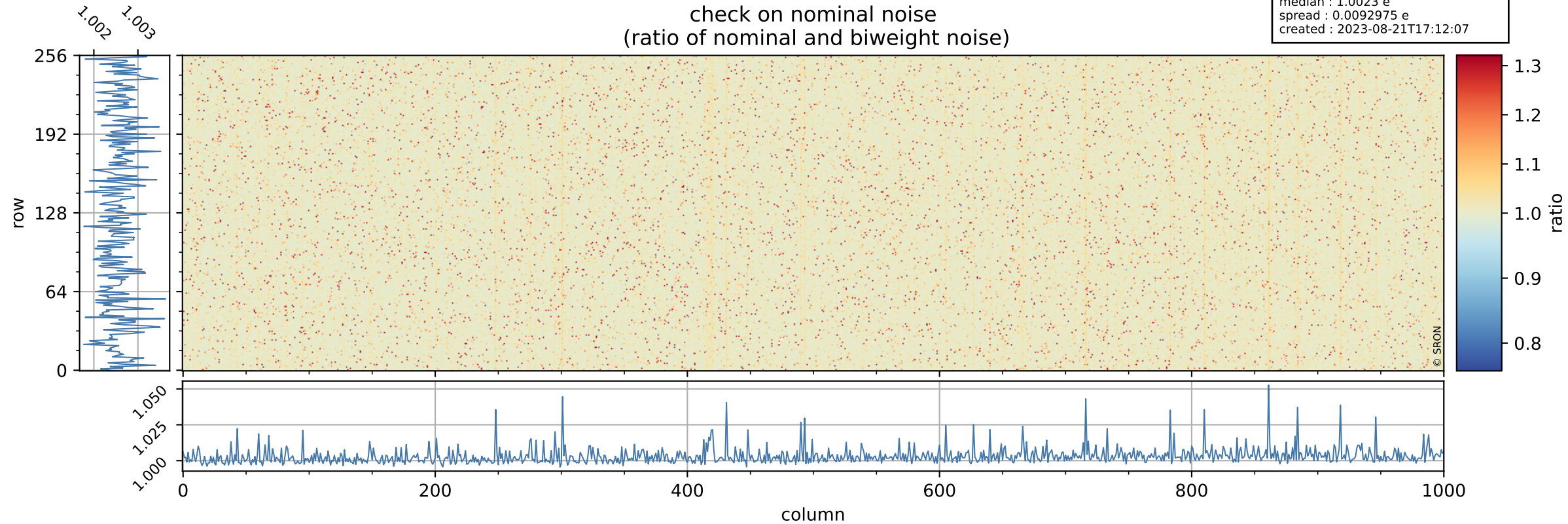
orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
median : 0.99793 e
spread : 0.0083321 e
created : 2023-08-21T17:12:06



Tropomi SWIR background noise (swir)

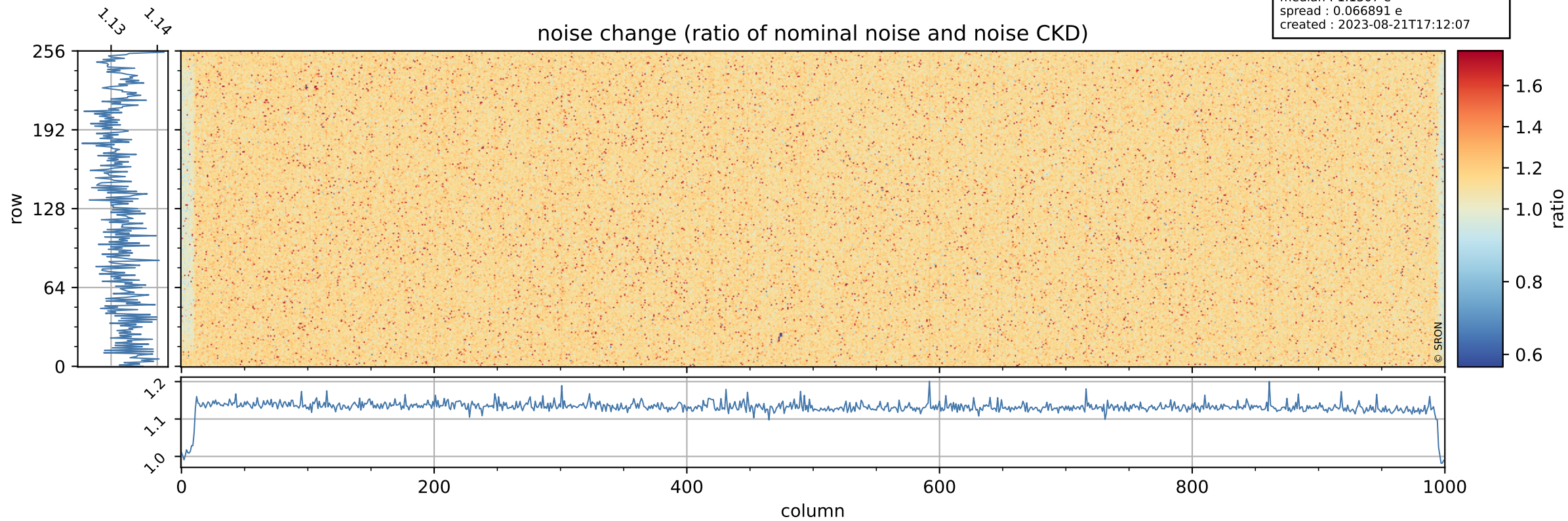
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
median : 1.0023 e
spread : 0.0092975 e
created : 2023-08-21T17:12:07



Tropomi SWIR background noise (swir)

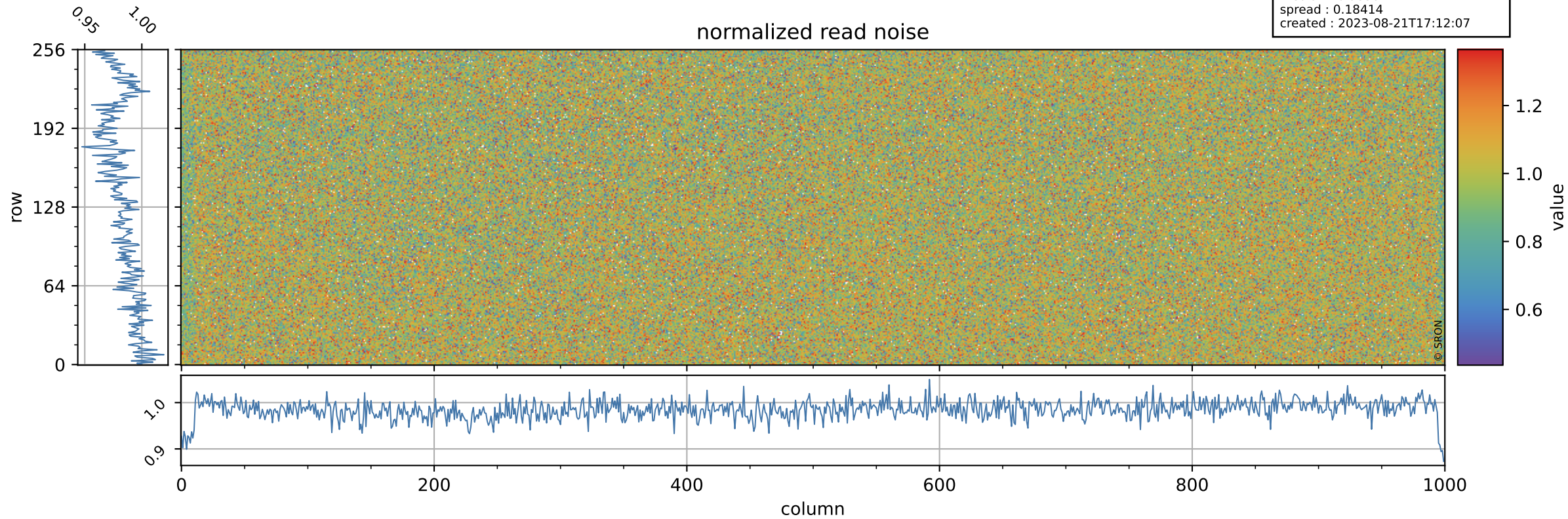
orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
median : 1.1307 e
spread : 0.066891 e
created : 2023-08-21T17:12:07



Tropomi SWIR background noise (swir)

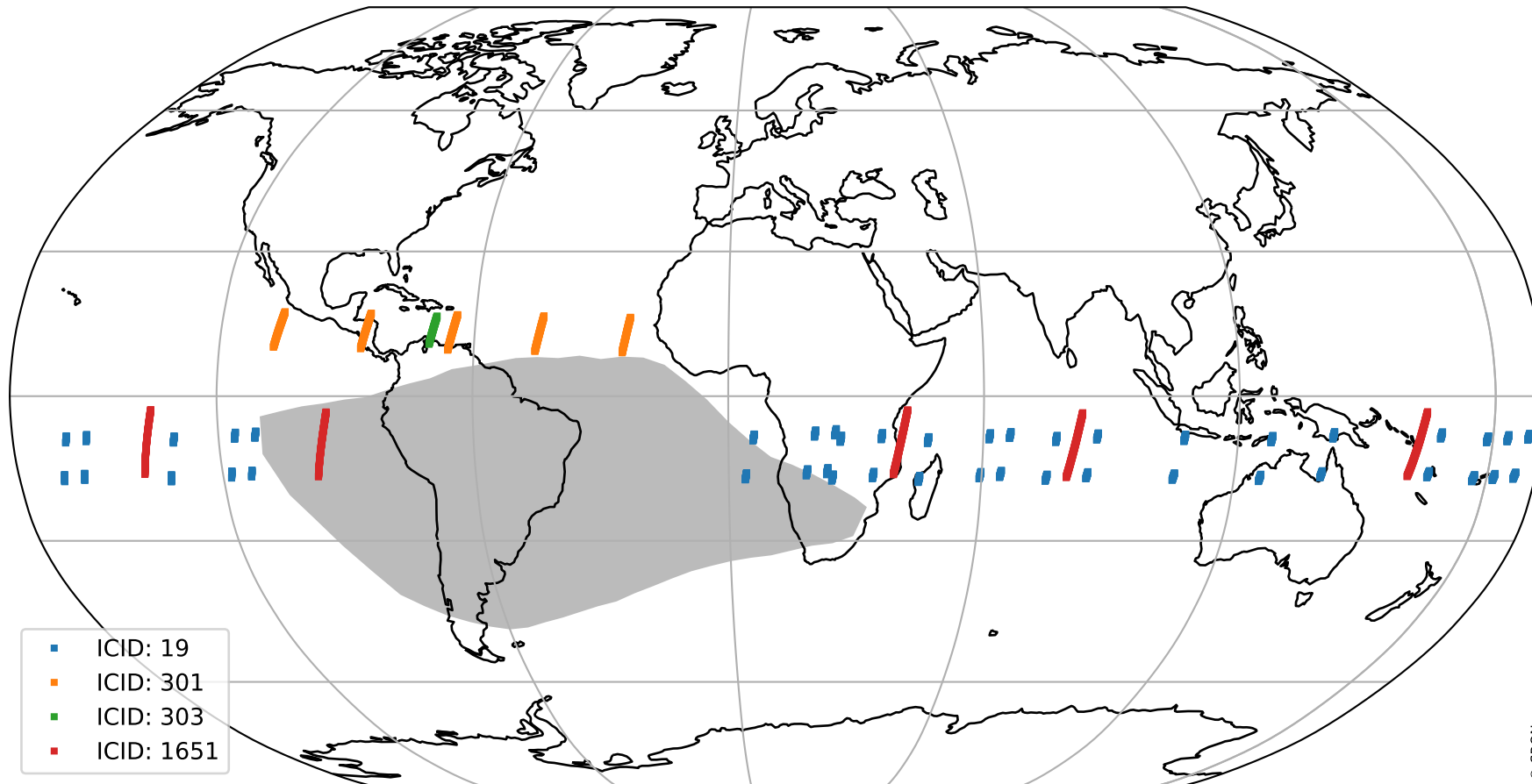
orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
median : 0.98302
spread : 0.18414
created : 2023-08-21T17:12:07

normalized read noise



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

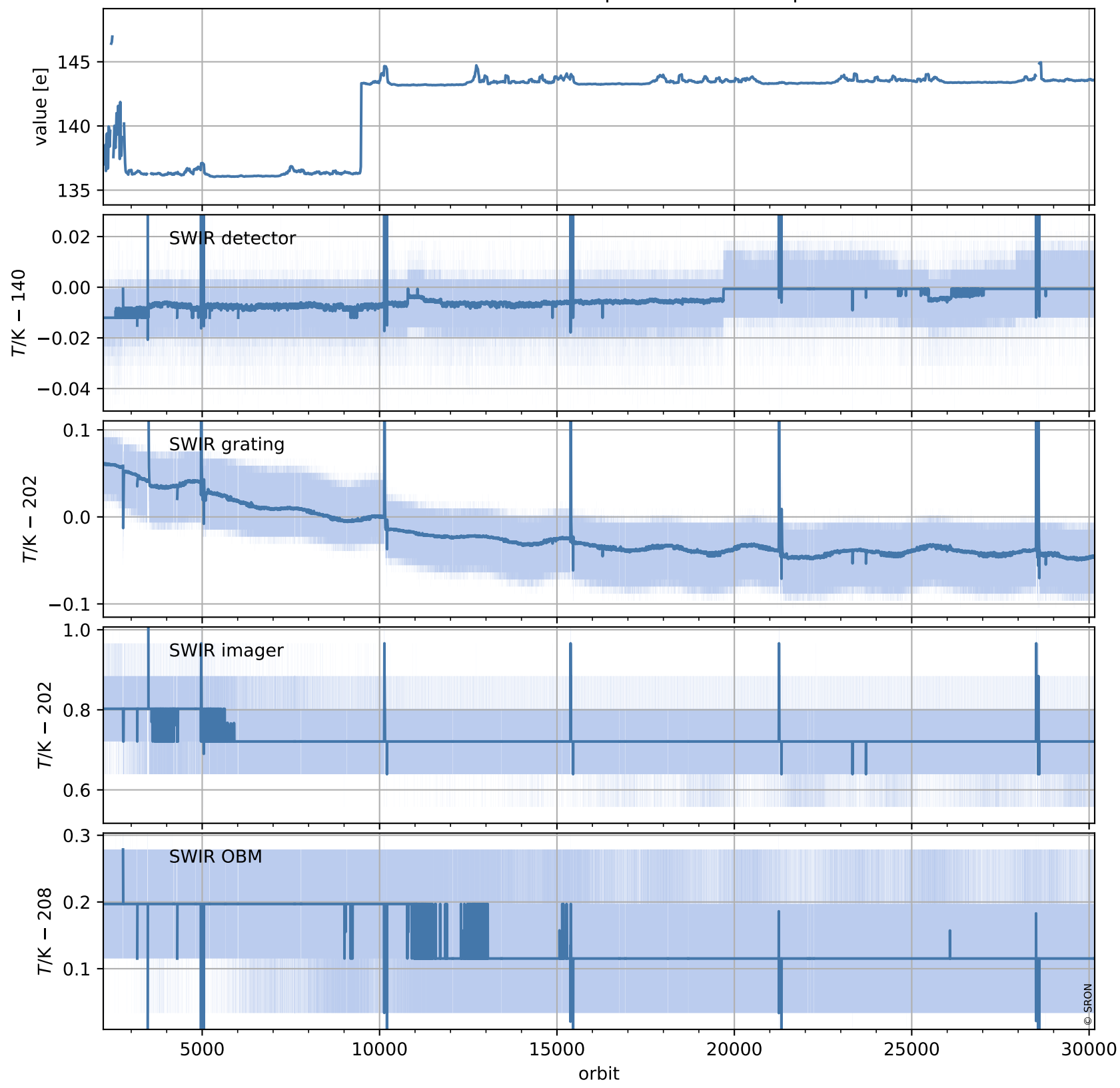
orbits : 11 in [30082, 30157]
coverage : 2023-08-03 / 2023-08-07
created : 2023-08-21T17:12:07



Tropomi SWIR background noise (swir)

orbits : [2212, 30157]
coverage : 2018-03-18 / 2023-08-07
created : 2023-08-21T17:12:08

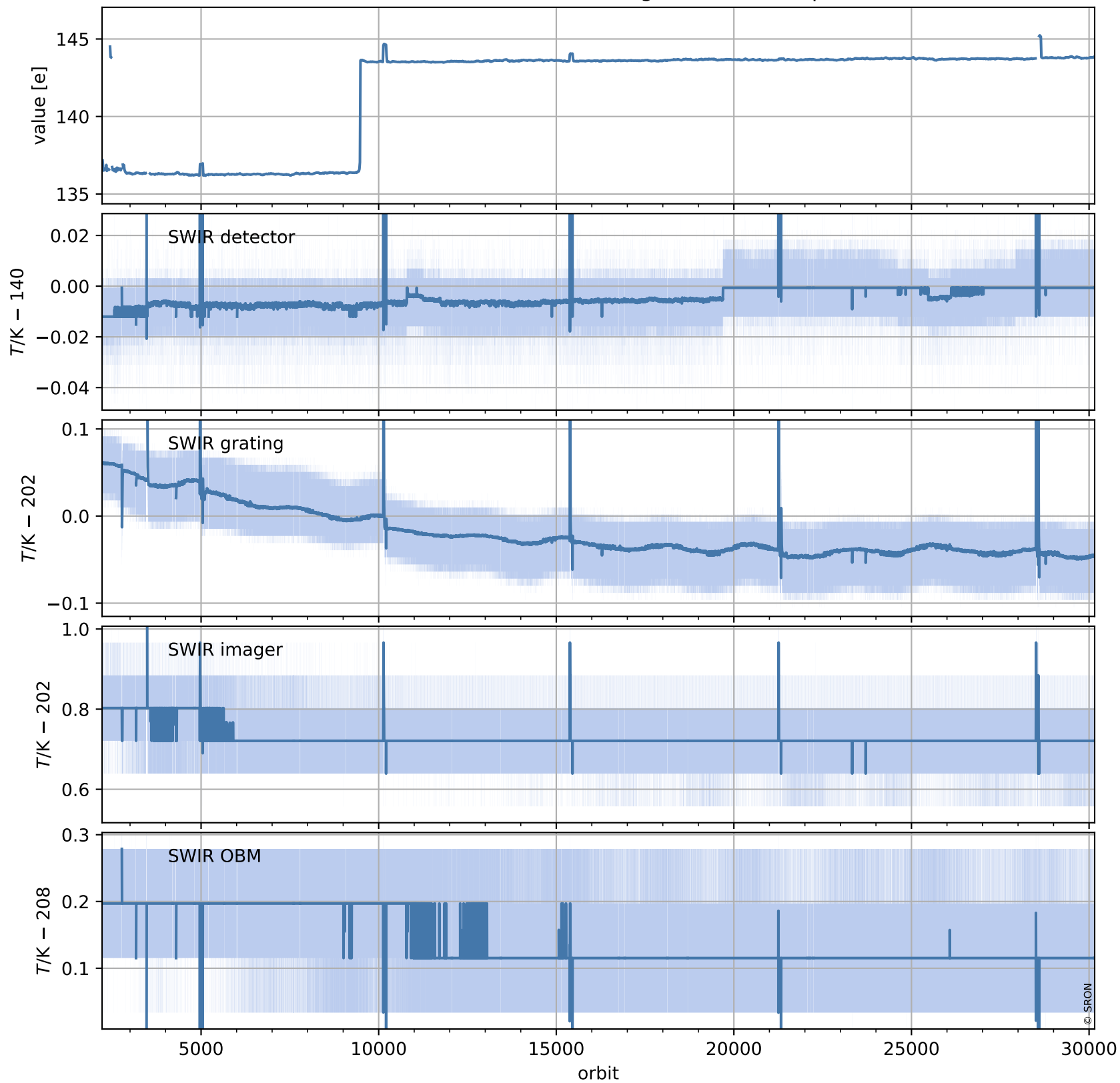
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30157]
coverage : 2018-03-18 / 2023-08-07
created : 2023-08-21T17:12:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30157]
coverage : 2018-03-18 / 2023-08-07
created : 2023-08-21T17:12:10

trend of normalized read-noise & temperatures

