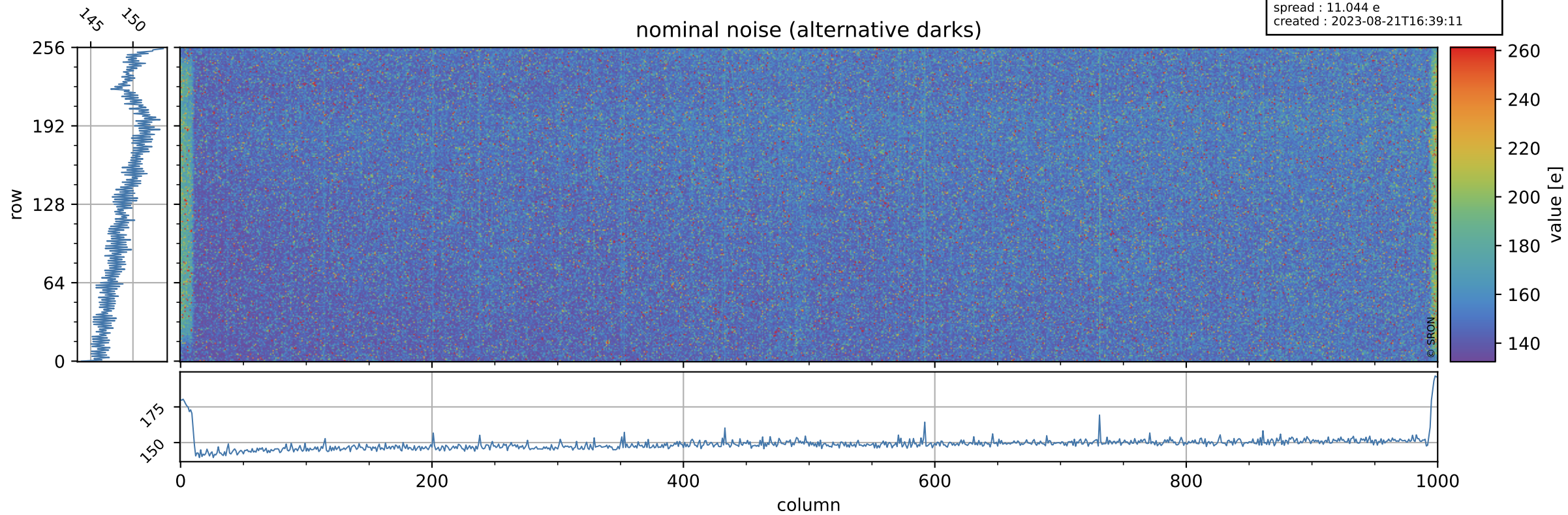


Tropomi SWIR background noise (swir)

orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
n_coad, t_exp : 1, 1.0783
median : 148.86 e
spread : 11.044 e
created : 2023-08-21T16:39:11

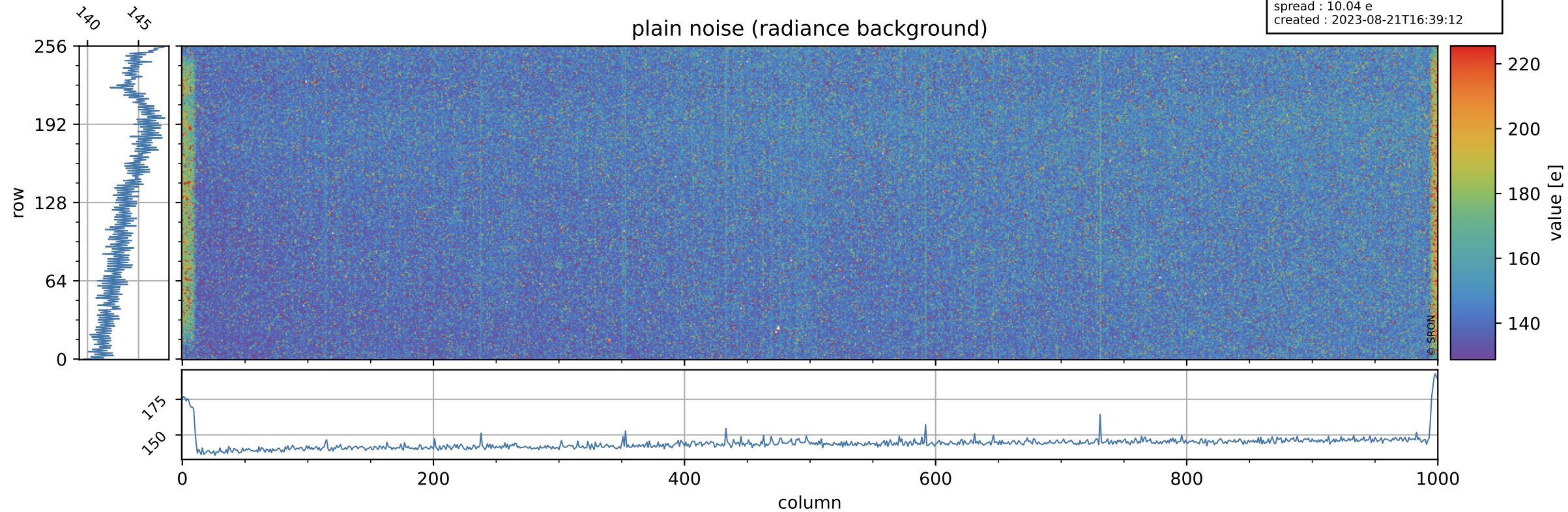
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 10.04 e
created : 2023-08-21T16:39:12

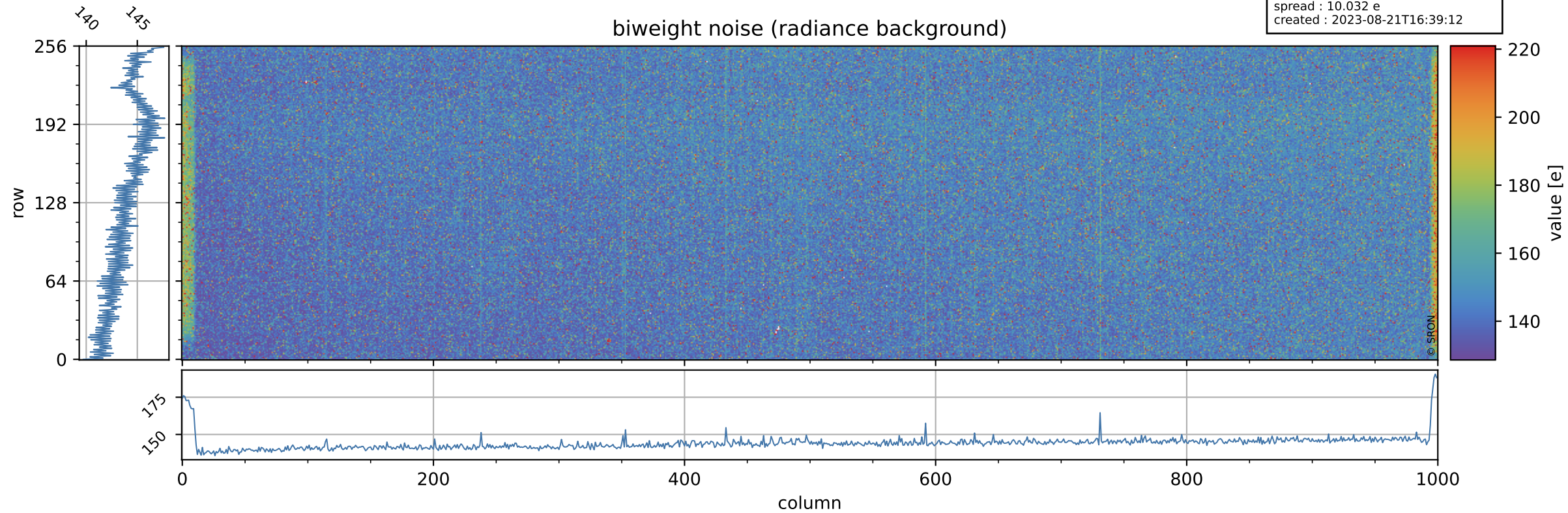
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
n_coad, t_exp : 1, 0.8383
median : 143.9 e
spread : 10.032 e
created : 2023-08-21T16:39:12

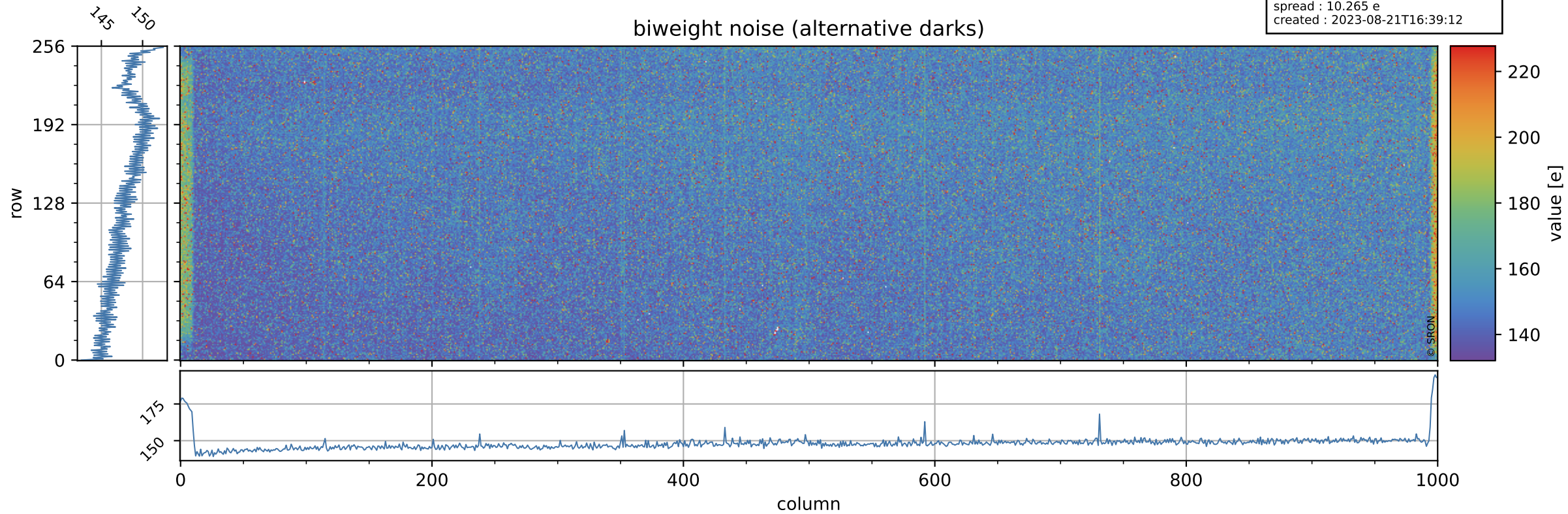
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.265 e
created : 2023-08-21T16:39:12

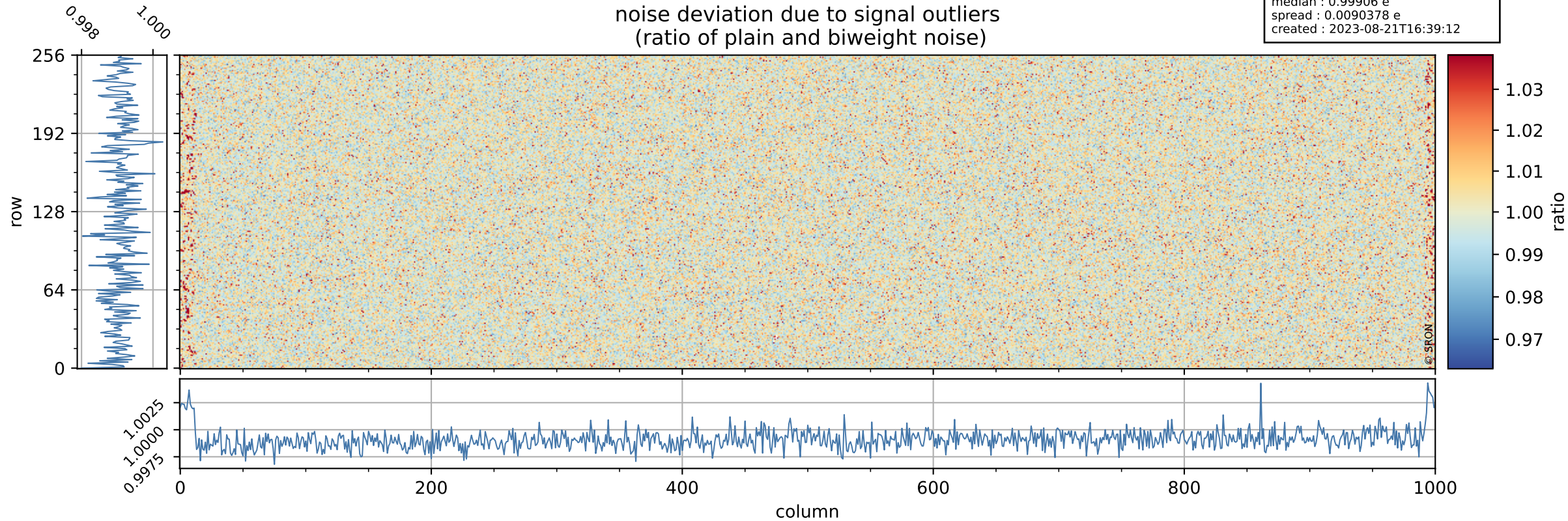
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

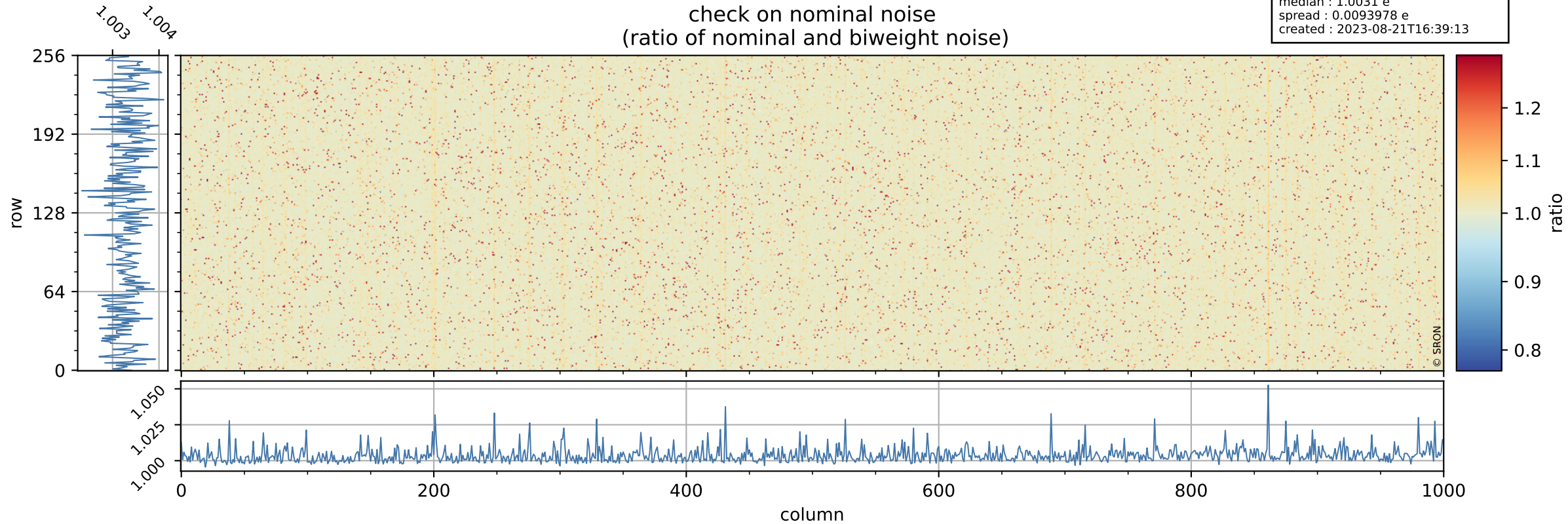
orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
median : 0.99906 e
spread : 0.0090378 e
created : 2023-08-21T16:39:12



Tropomi SWIR background noise (swir)

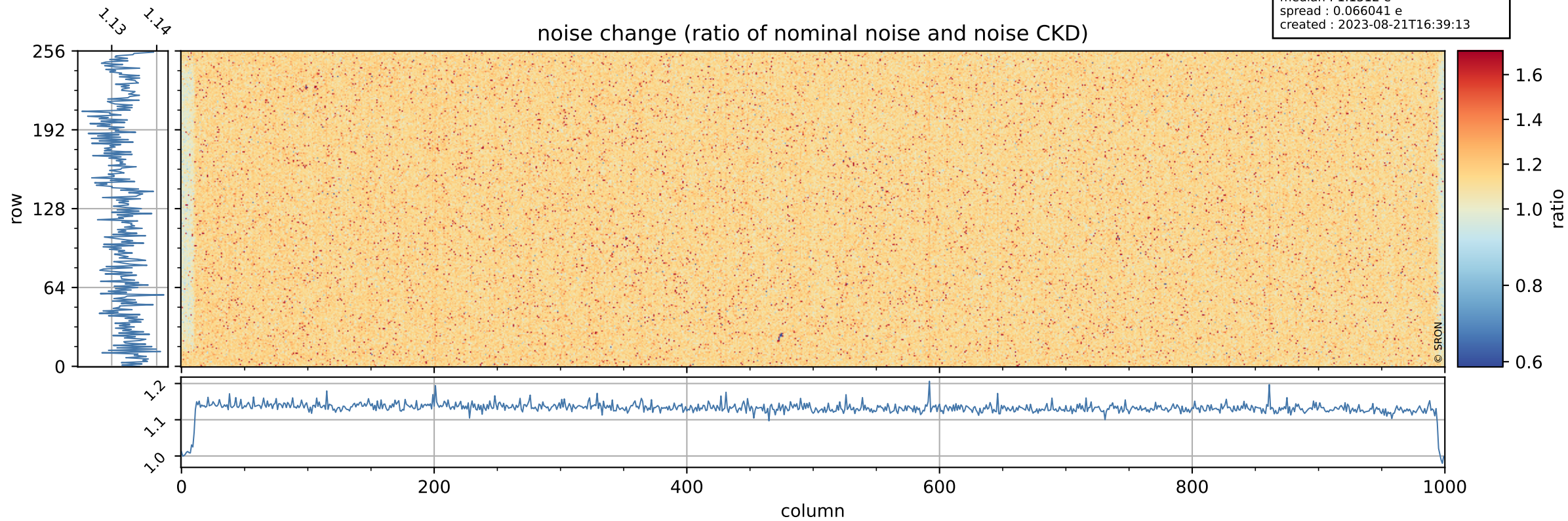
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
median : 1.0031 e
spread : 0.0093978 e
created : 2023-08-21T16:39:13



Tropomi SWIR background noise (swir)

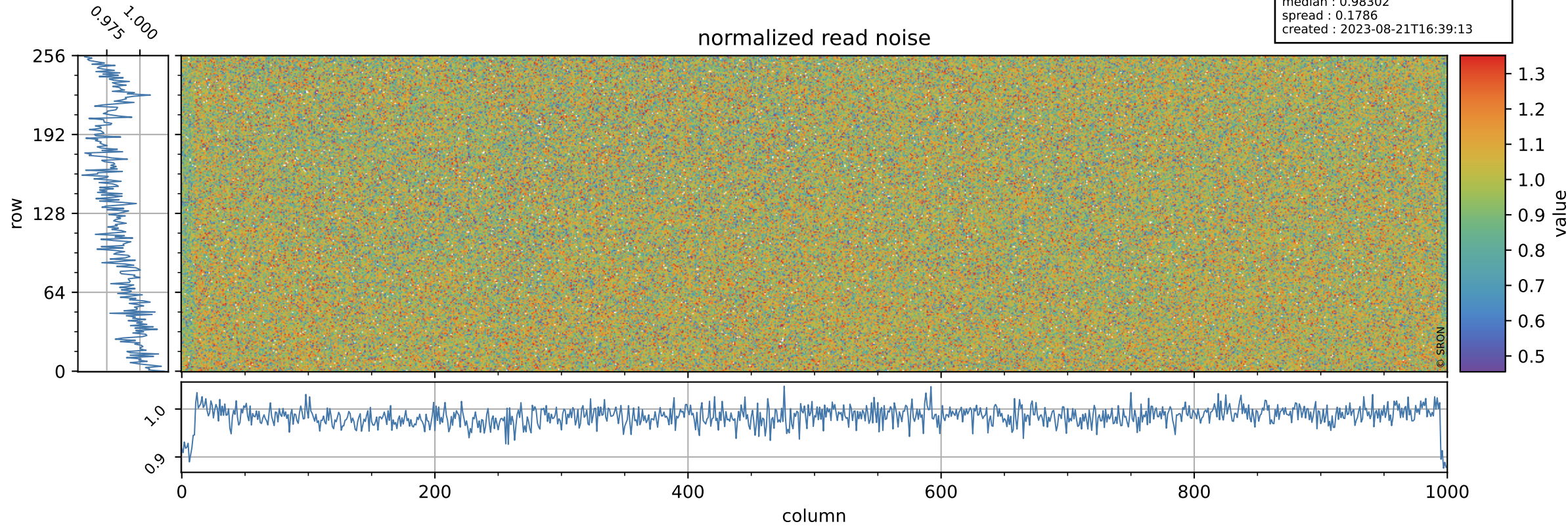
orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
median : 1.1312 e
spread : 0.066041 e
created : 2023-08-21T16:39:13



Tropomi SWIR background noise (swir)

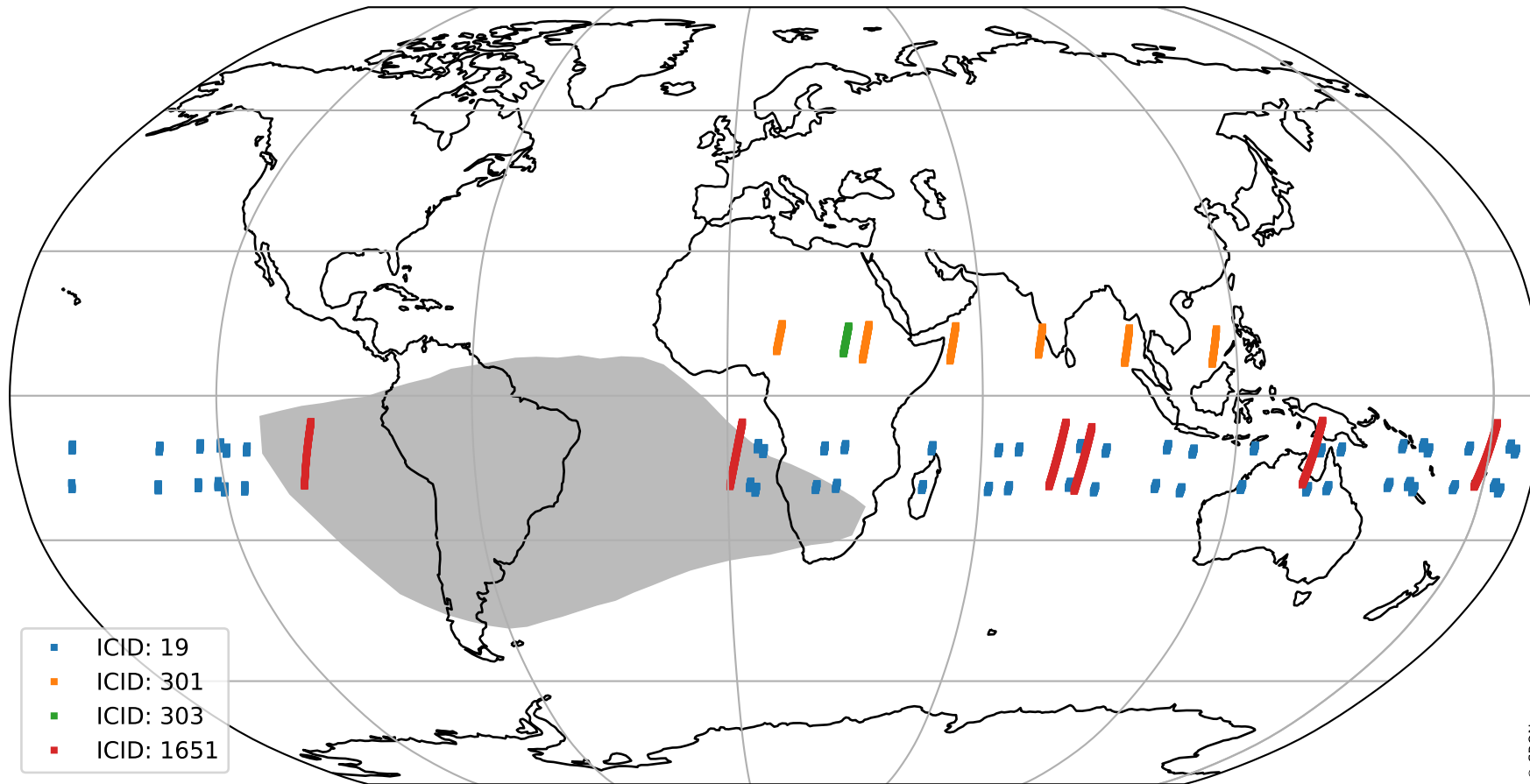
orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
median : 0.98302
spread : 0.1786
created : 2023-08-21T16:39:13

normalized read noise



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

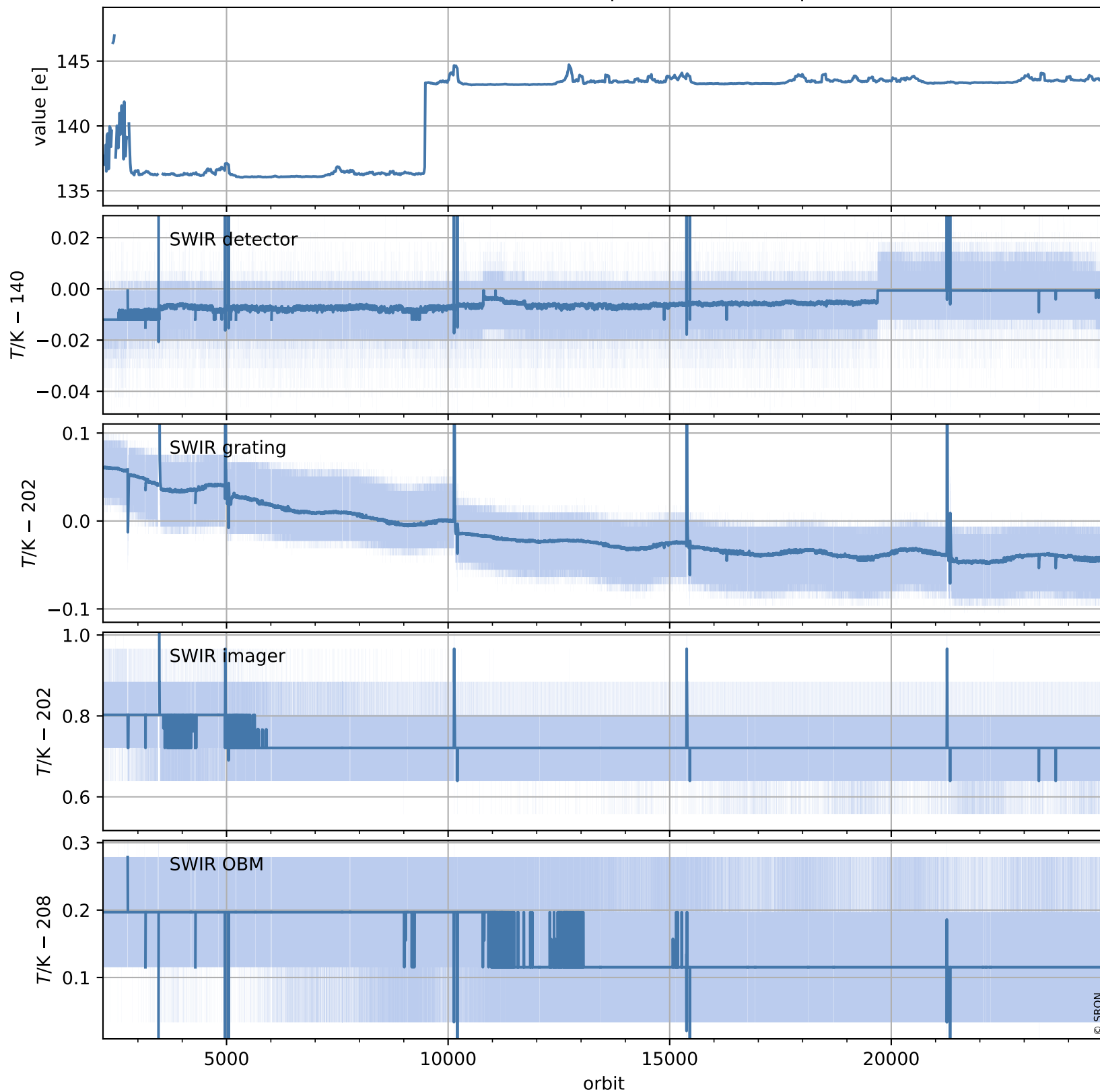
orbits : 13 in [24727, 24817]
coverage : 2022-07-22 / 2022-07-28
created : 2023-08-21T16:39:13



Tropomi SWIR background noise (swir)

orbits : [2212, 24817]
coverage : 2018-03-18 / 2022-07-28
created : 2023-08-21T16:39:14

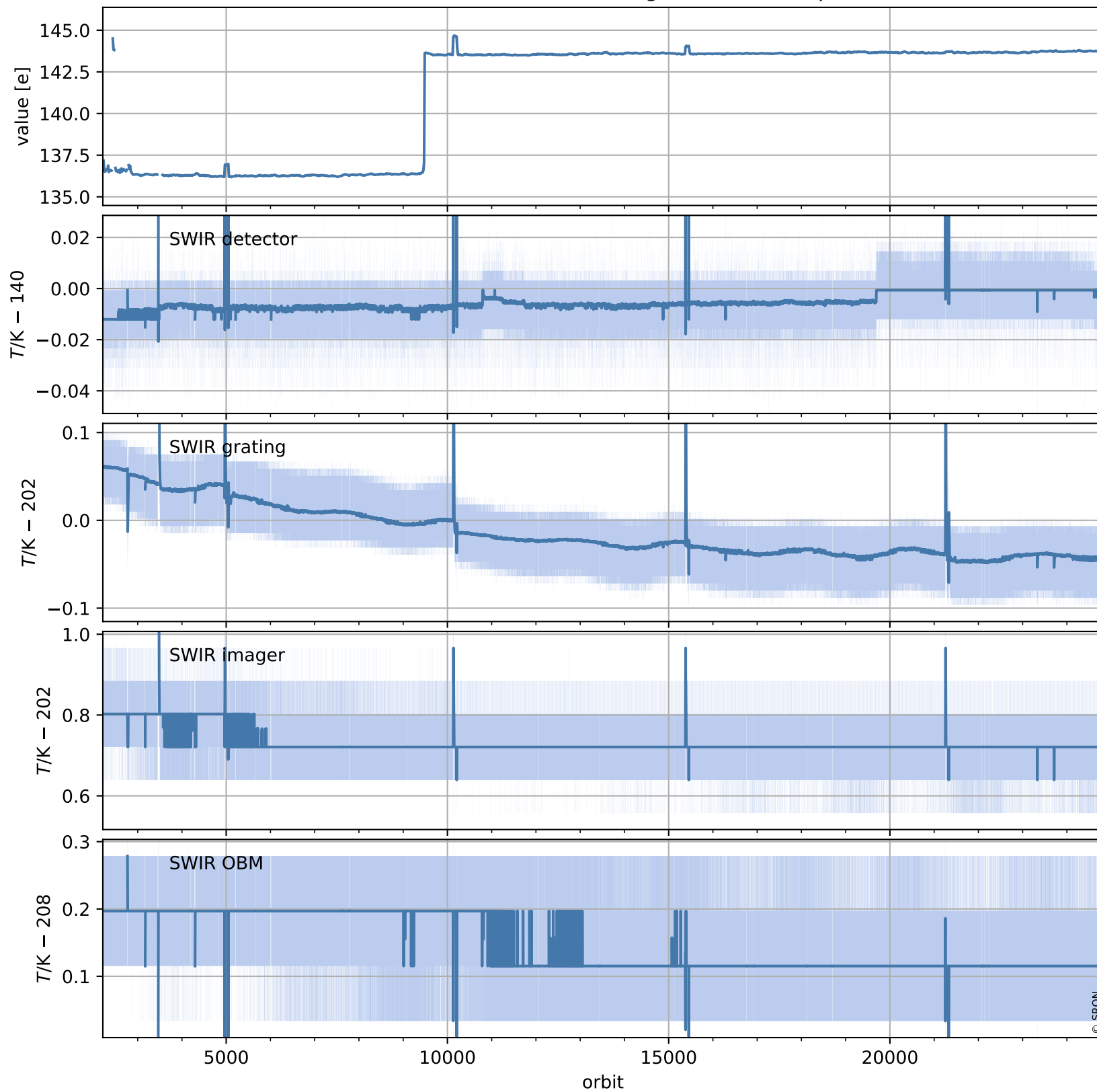
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24817]
coverage : 2018-03-18 / 2022-07-28
created : 2023-08-21T16:39:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24817]
coverage : 2018-03-18 / 2022-07-28
created : 2023-08-21T16:39:15

trend of normalized read-noise & temperatures

