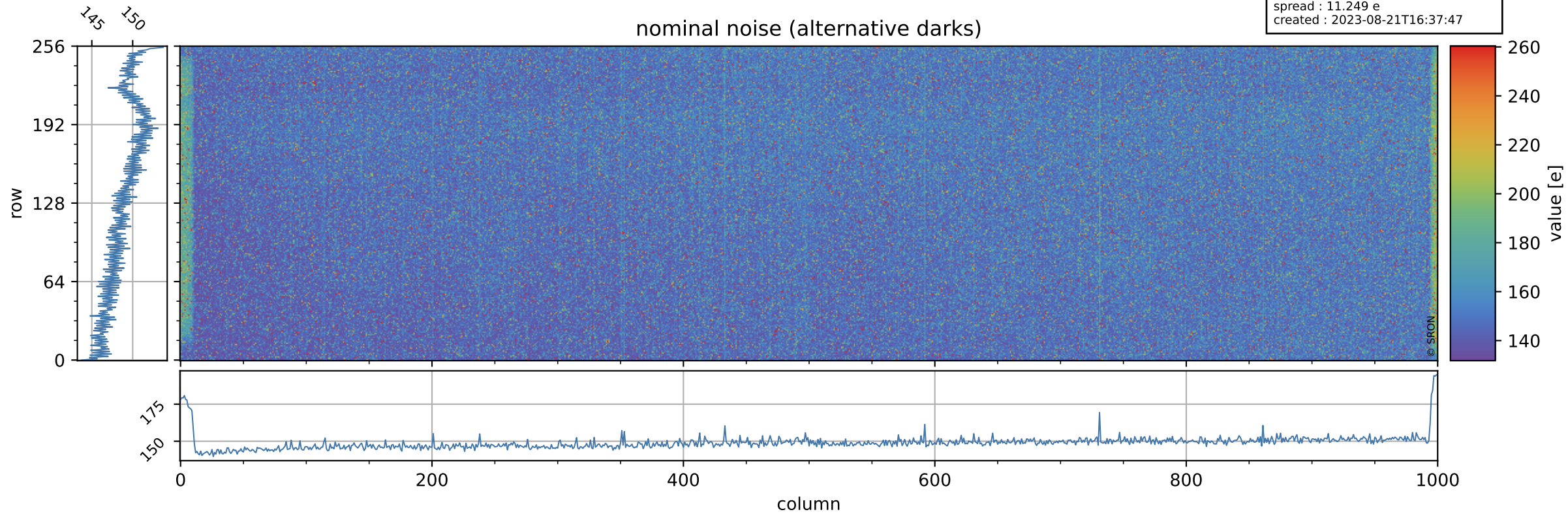


Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 11.249 e
created : 2023-08-21T16:37:47

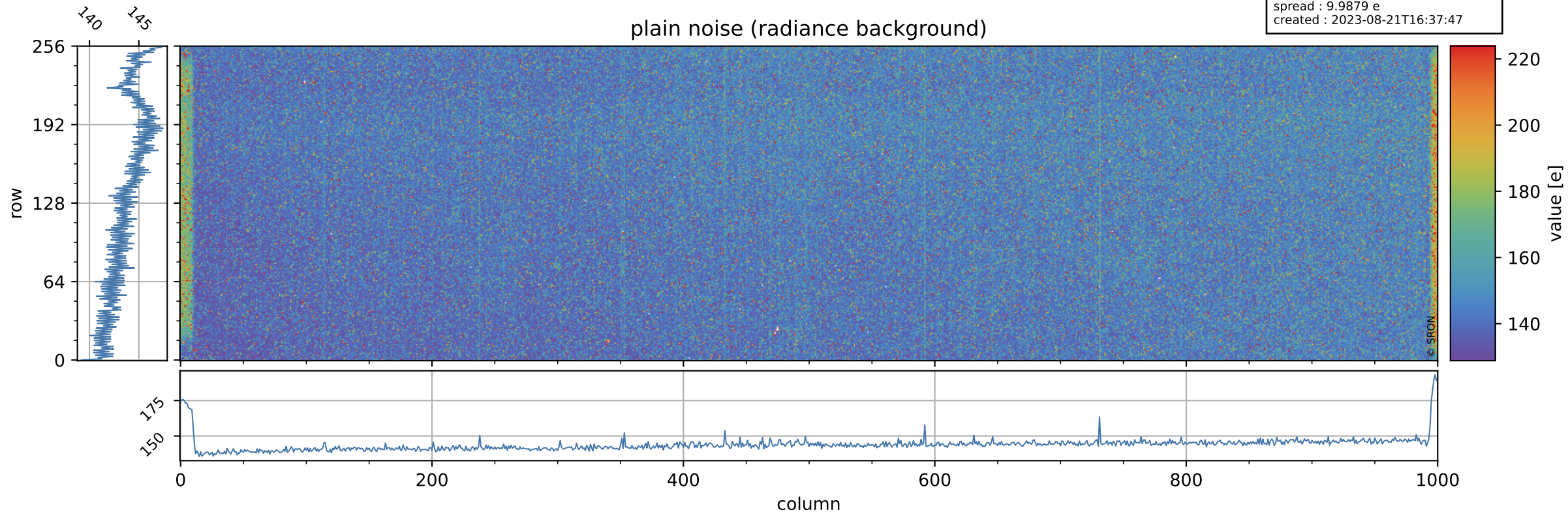
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

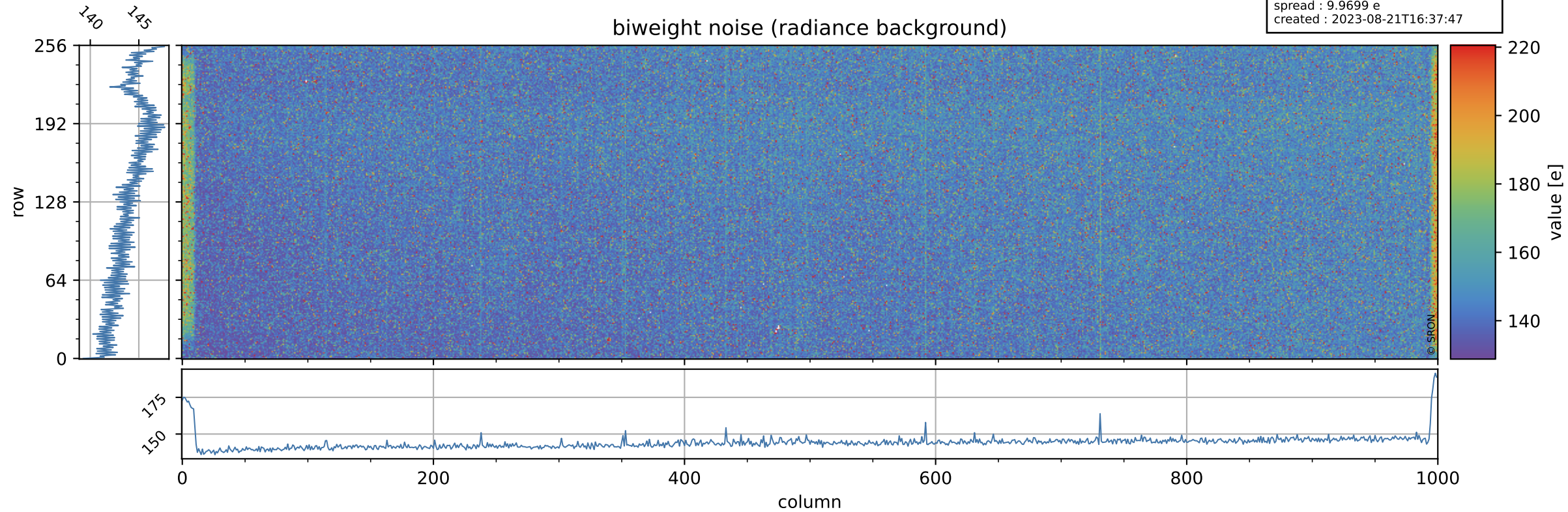
orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
n_coad, t_exp : 1, 0.8383
median : 143.67 e
spread : 9.9879 e
created : 2023-08-21T16:37:47

plain noise (radiance background)



Tropomi SWIR background noise (swir)

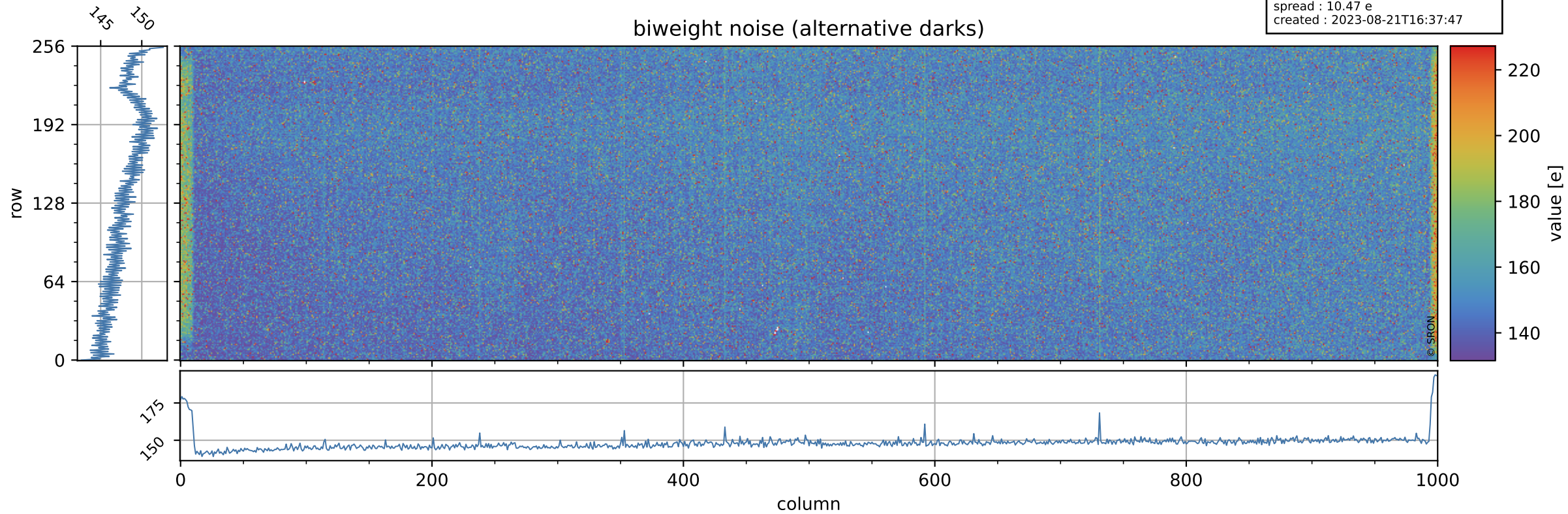
orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9699 e
created : 2023-08-21T16:37:47



Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.47 e
created : 2023-08-21T16:37:47

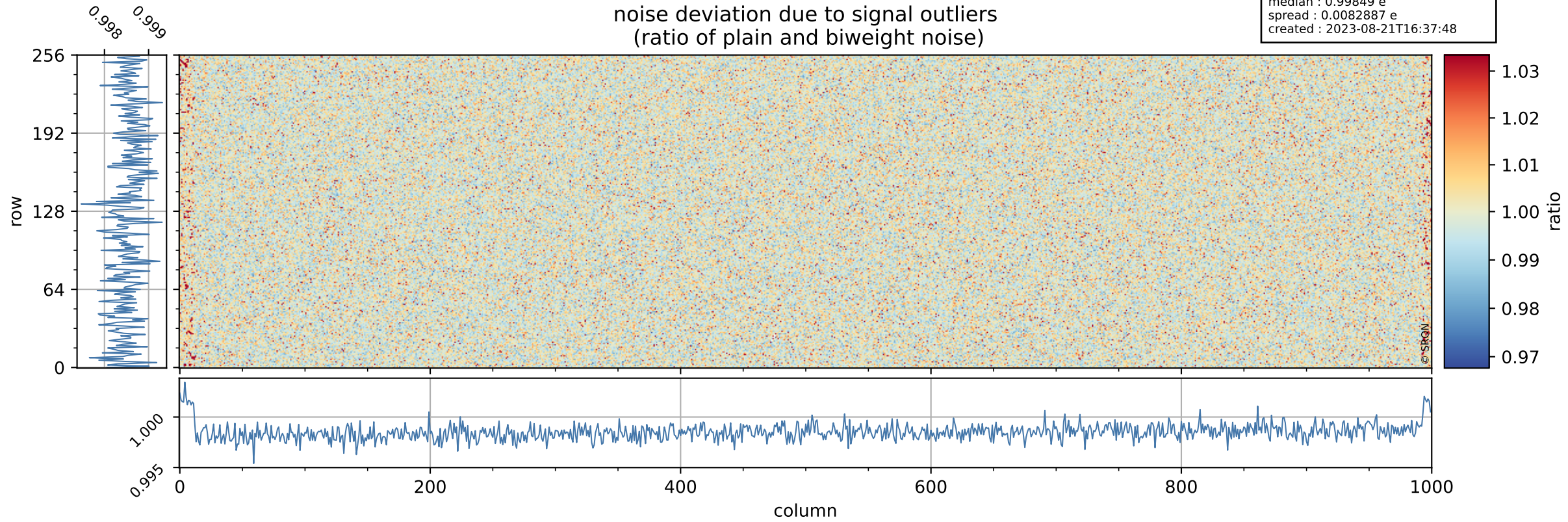
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

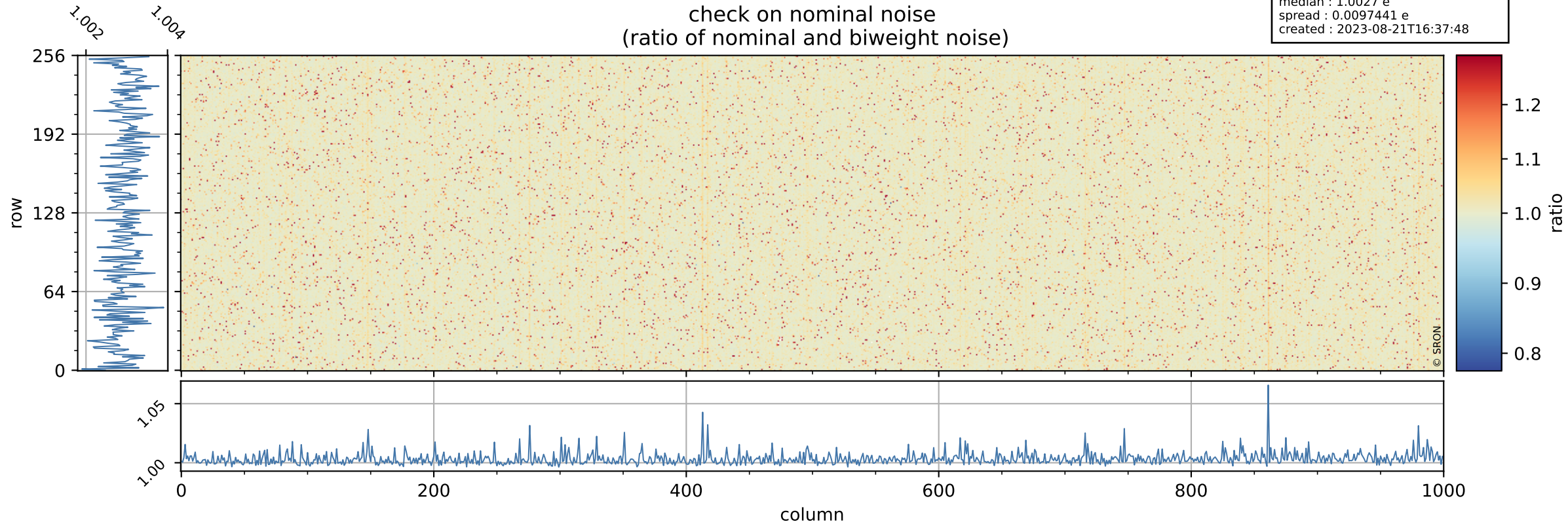
orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
median : 0.99849 e
spread : 0.0082887 e
created : 2023-08-21T16:37:48



Tropomi SWIR background noise (swir)

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

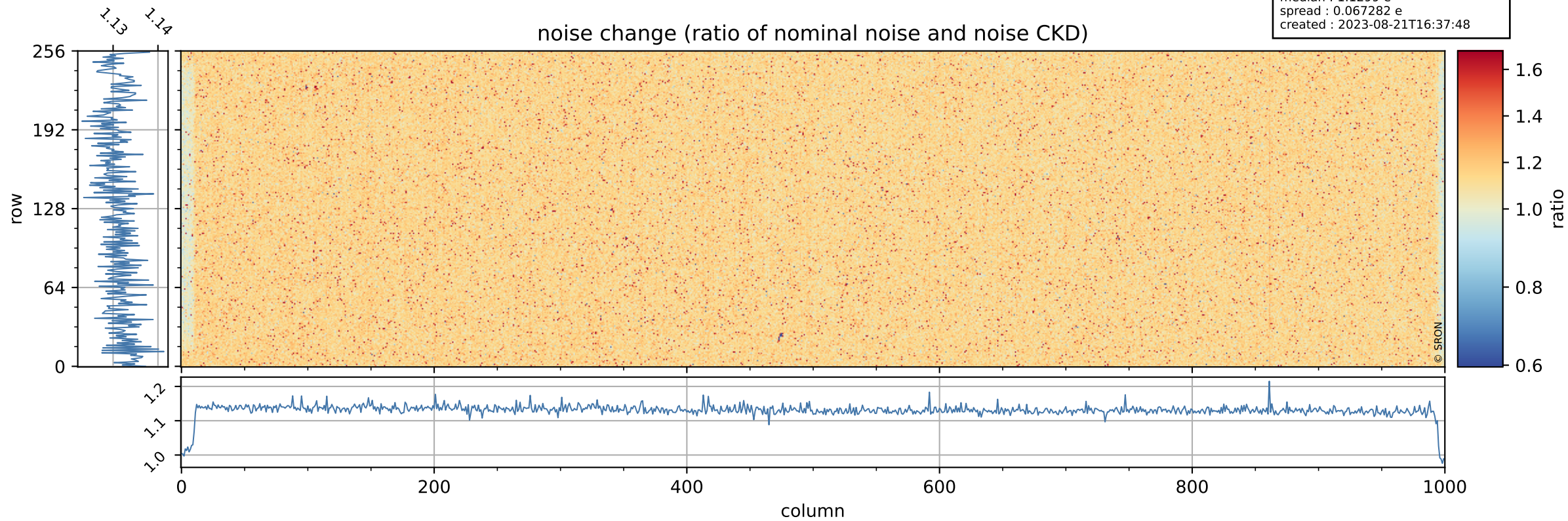
orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
median : 1.0027 e
spread : 0.0097441 e
created : 2023-08-21T16:37:48



Tropomi SWIR background noise (swir)

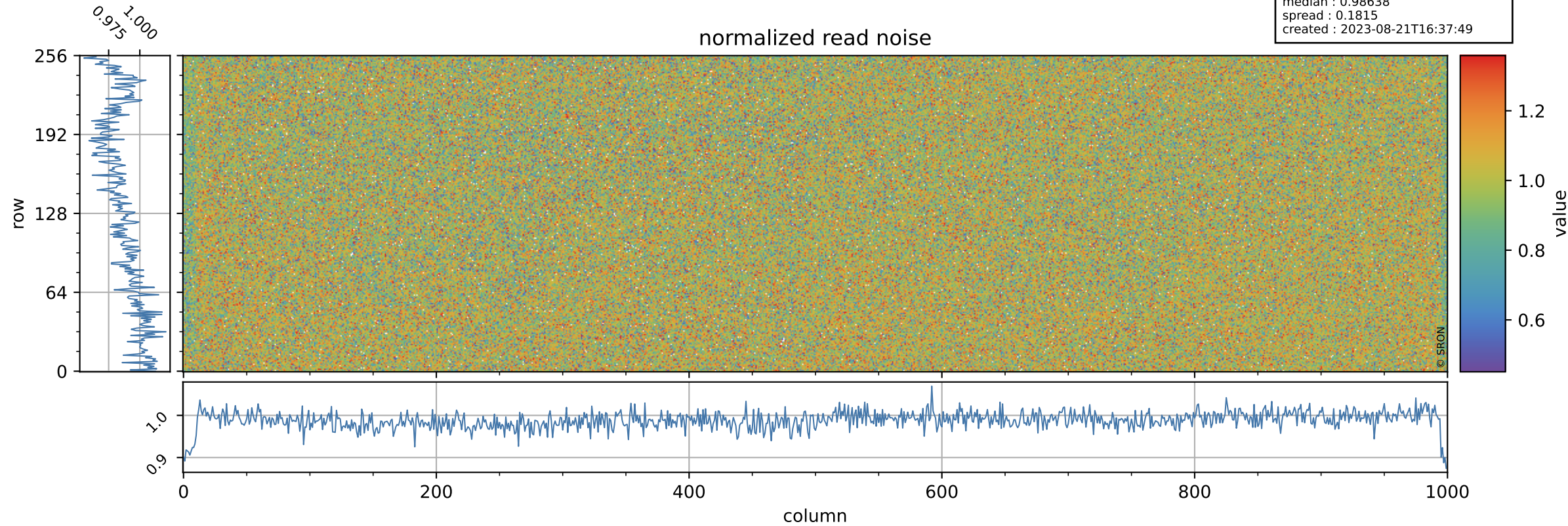
orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
median : 1.1299 e
spread : 0.067282 e
created : 2023-08-21T16:37:48

noise change (ratio of nominal noise and noise CKD)



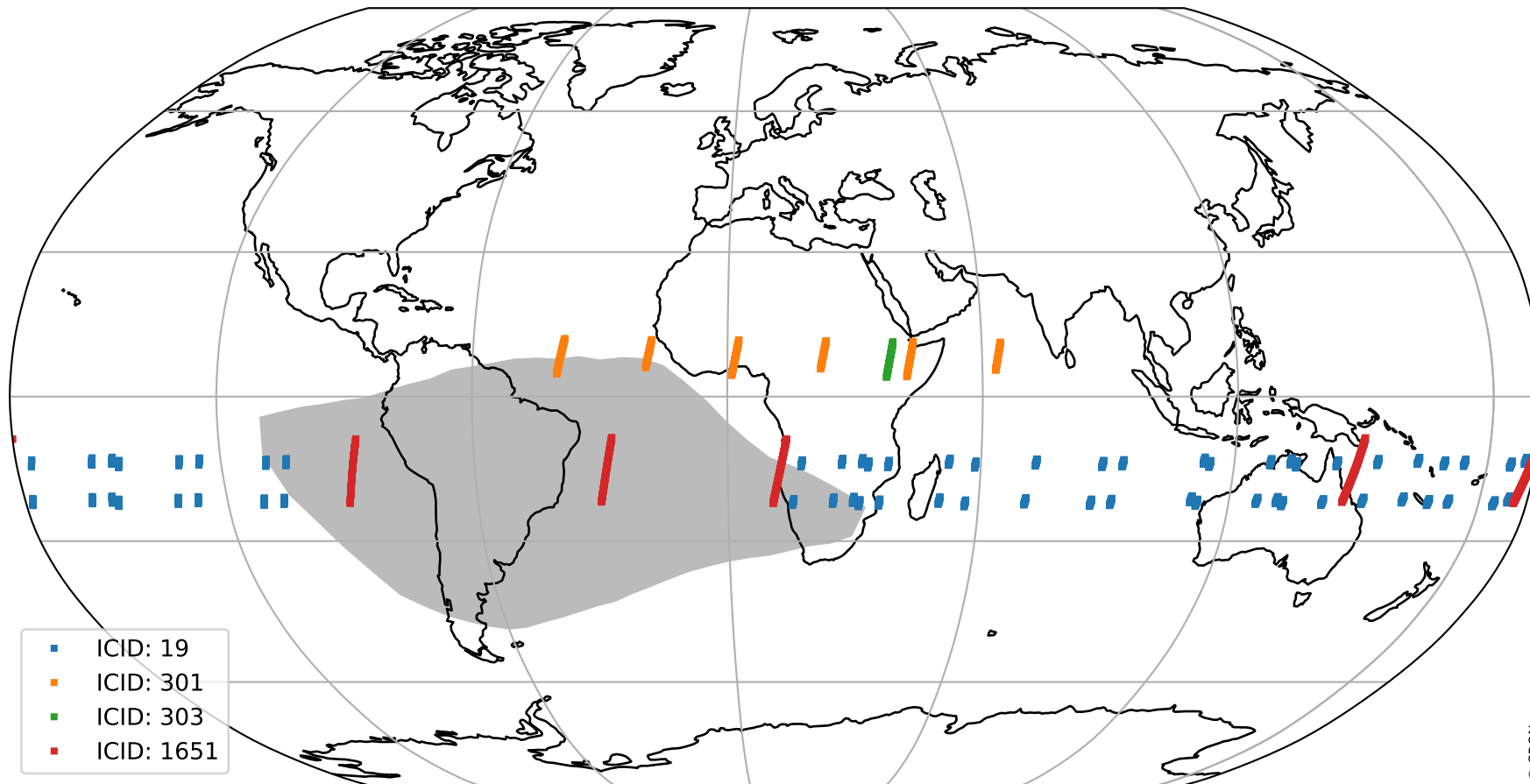
Tropomi SWIR background noise (swir)

orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
median : 0.98638
spread : 0.1815
created : 2023-08-21T16:37:49



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

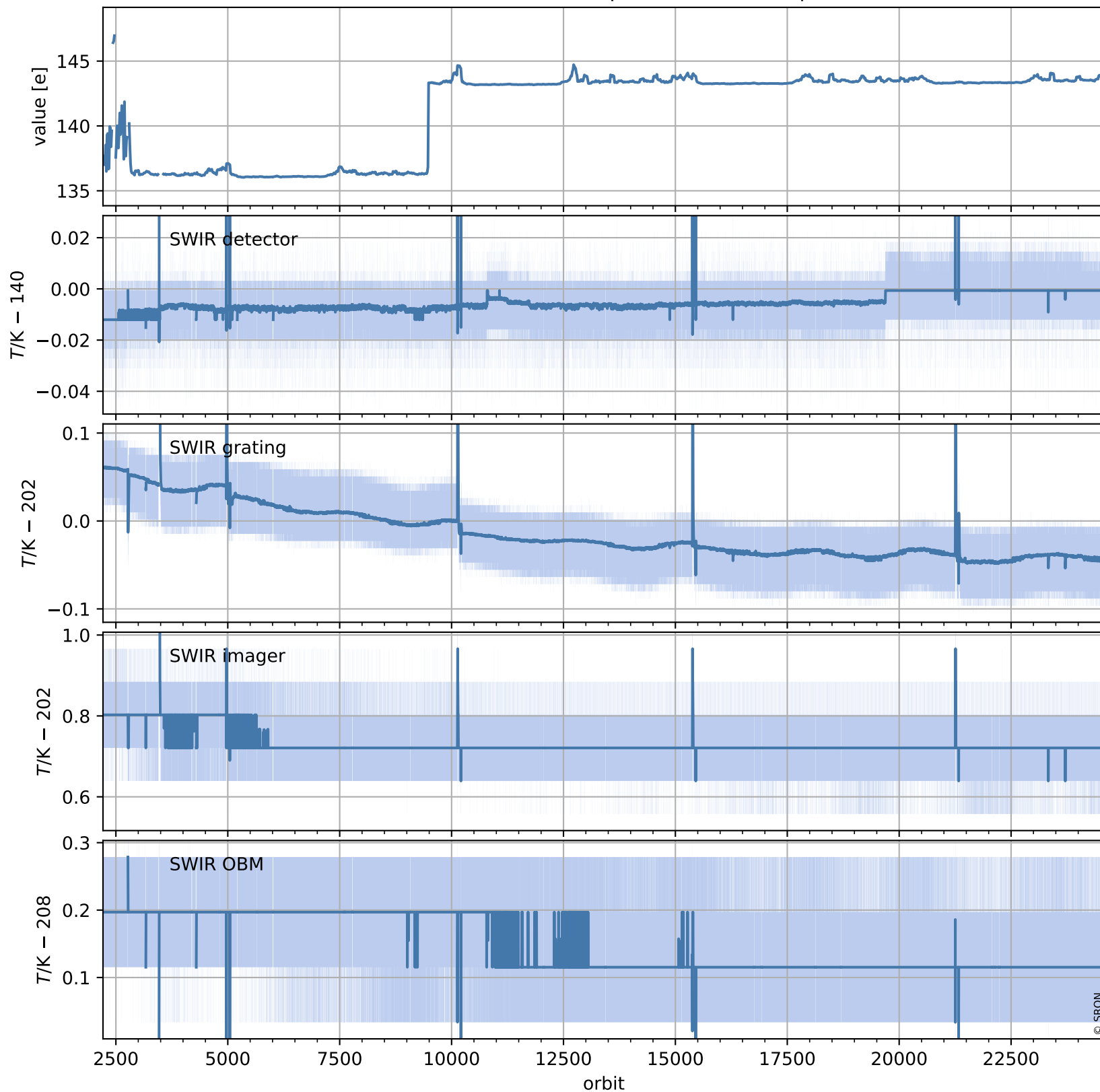
orbits : 12 in [24517, 24592]
coverage : 2022-07-06 / 2022-07-12
created : 2023-08-21T16:37:49



Tropomi SWIR background noise (swir)

orbits : [2212, 24592]
coverage : 2018-03-18 / 2022-07-12
created : 2023-08-21T16:37:49

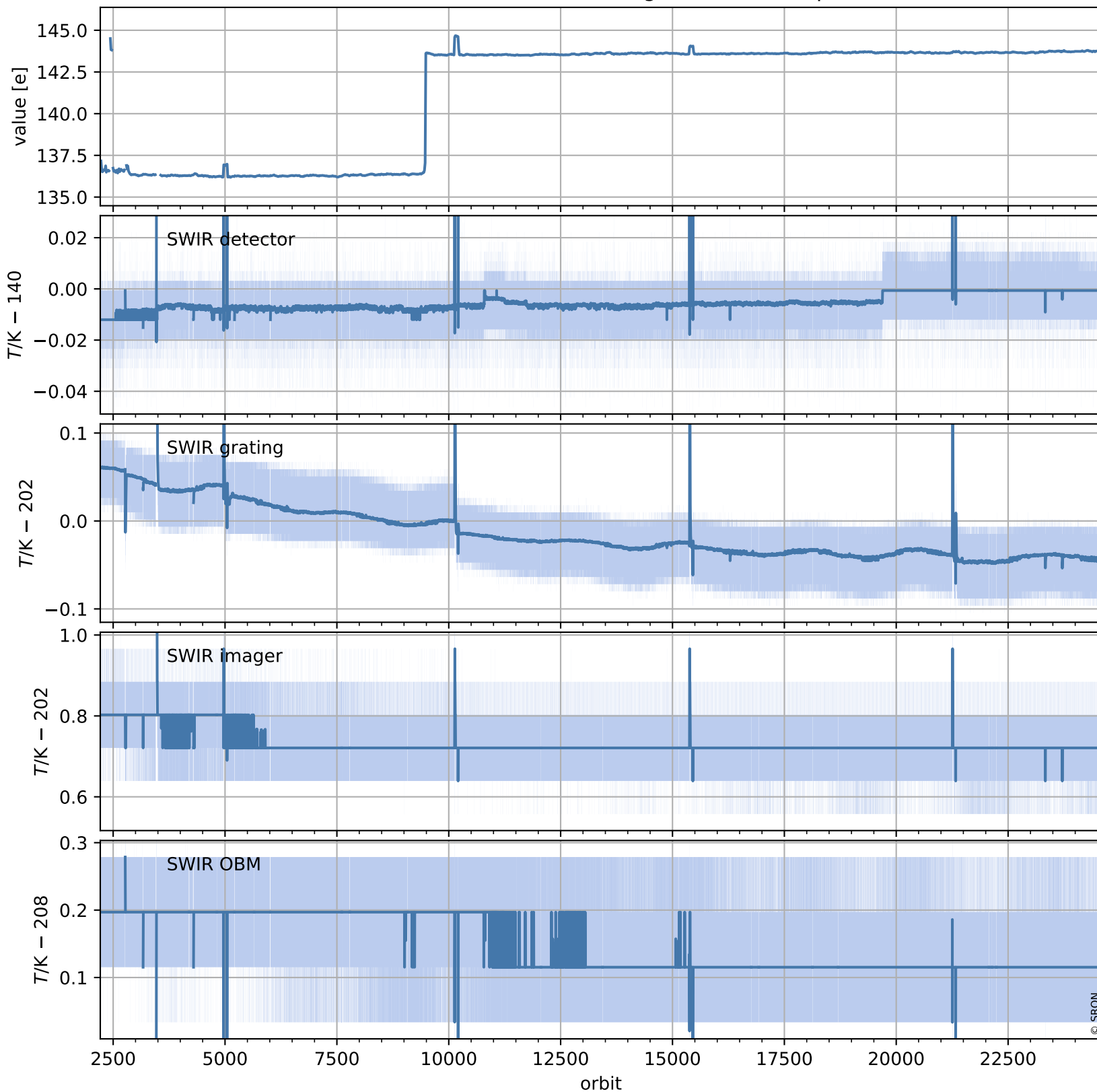
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24592]
coverage : 2018-03-18 / 2022-07-12
created : 2023-08-21T16:37:50

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24592]
coverage : 2018-03-18 / 2022-07-12
created : 2023-08-21T16:37:51

trend of normalized read-noise & temperatures

