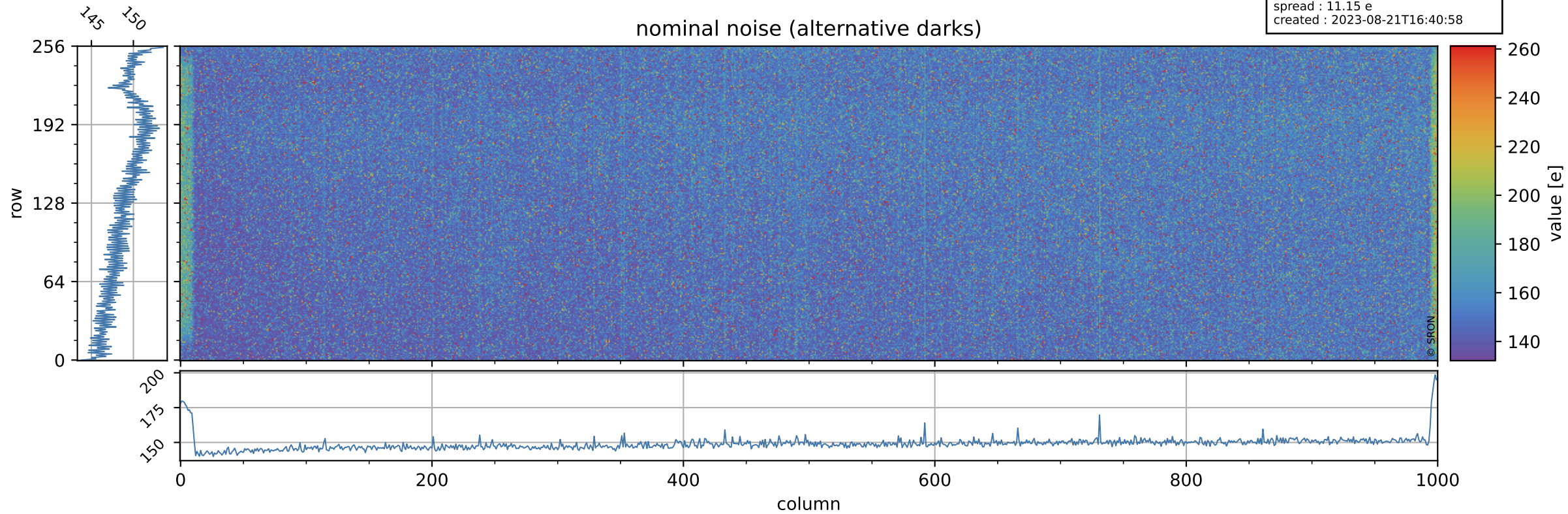


Tropomi SWIR background noise (swir)

orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
n_coad, t_exp : 1, 1.0783
median : 148.83 e
spread : 11.15 e
created : 2023-08-21T16:40:58

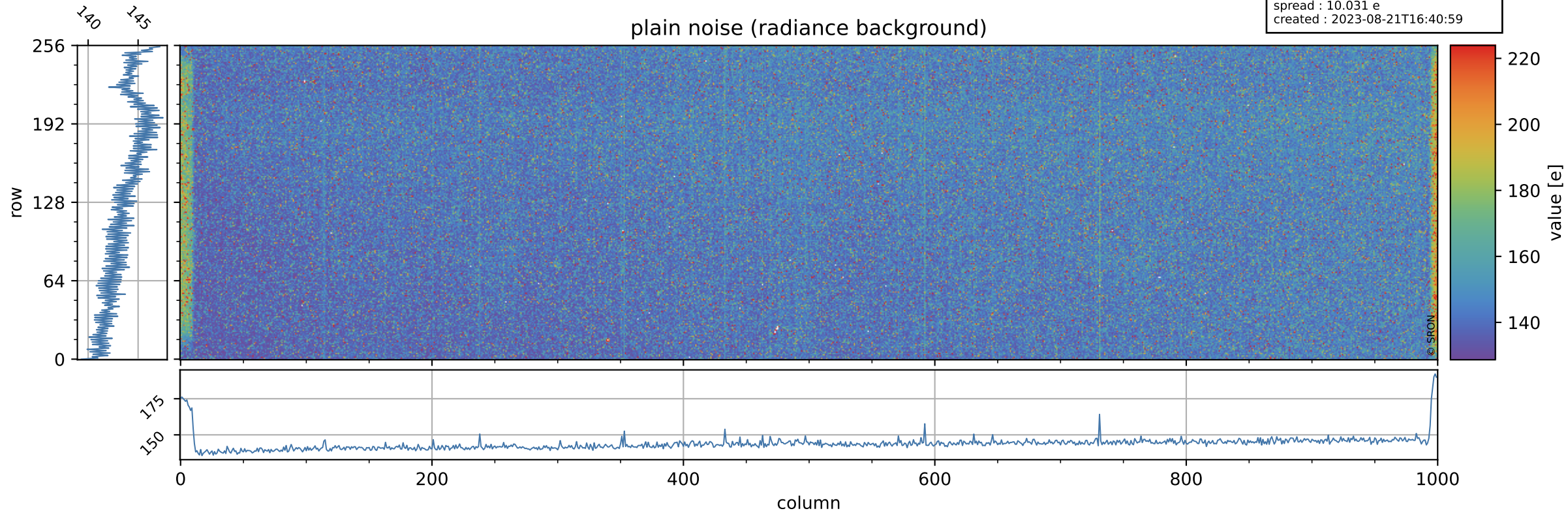
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 10.031 e
created : 2023-08-21T16:40:59

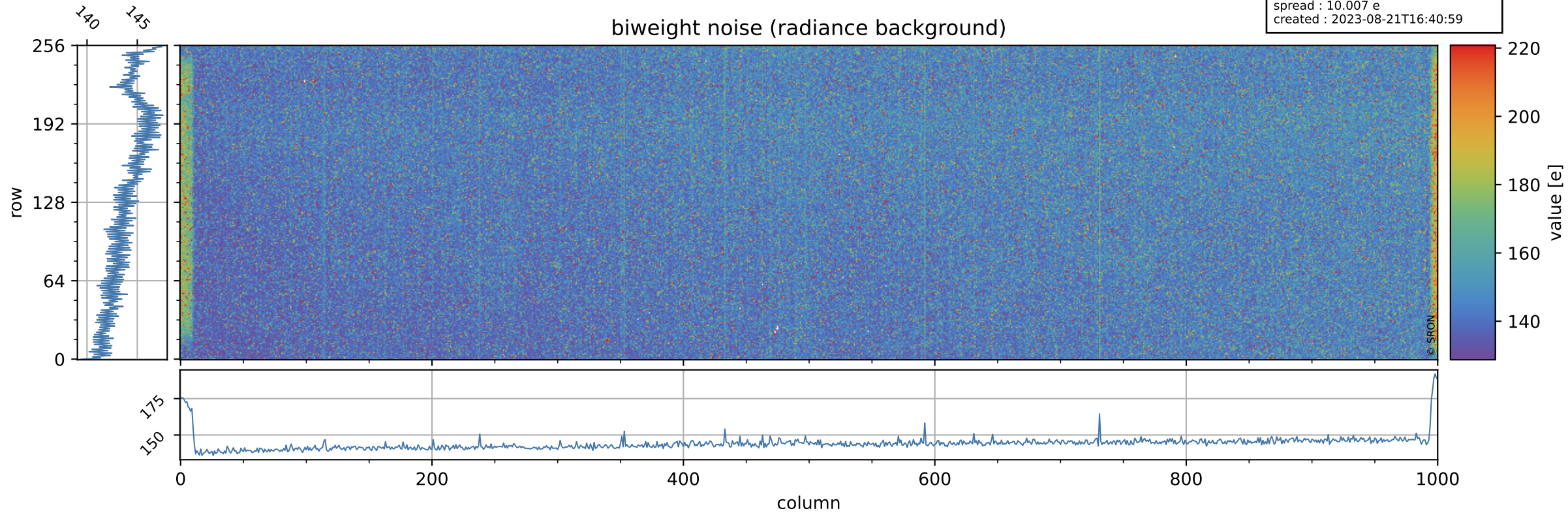
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 10.007 e
created : 2023-08-21T16:40:59

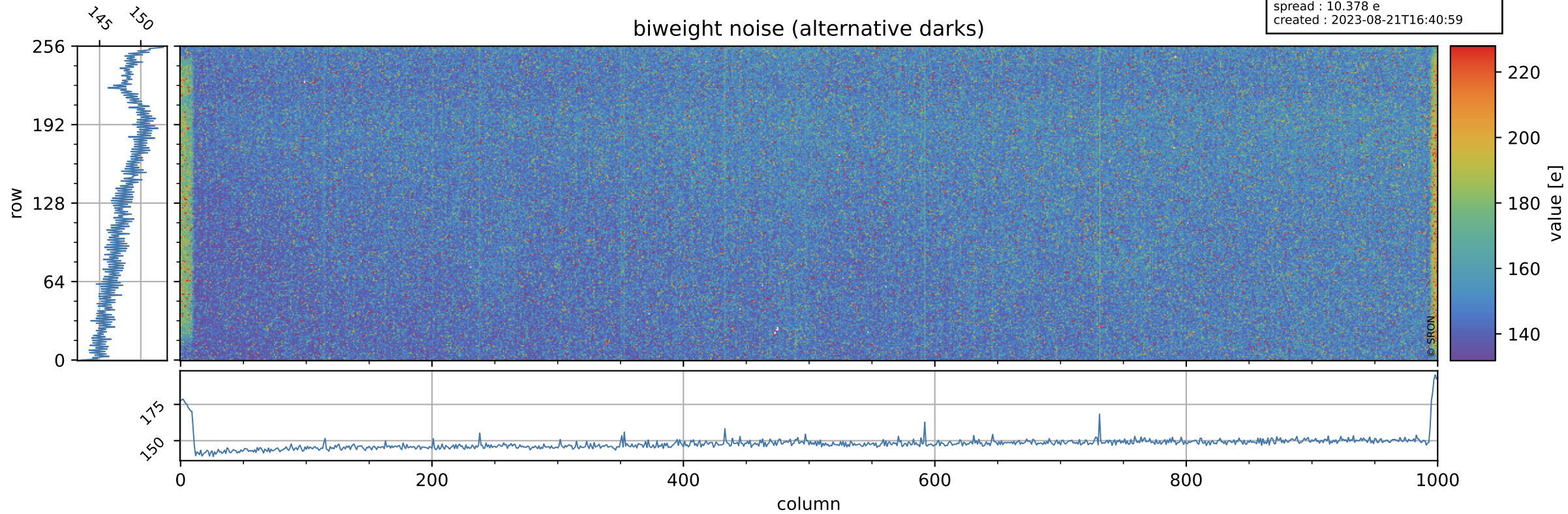
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.378 e
created : 2023-08-21T16:40:59

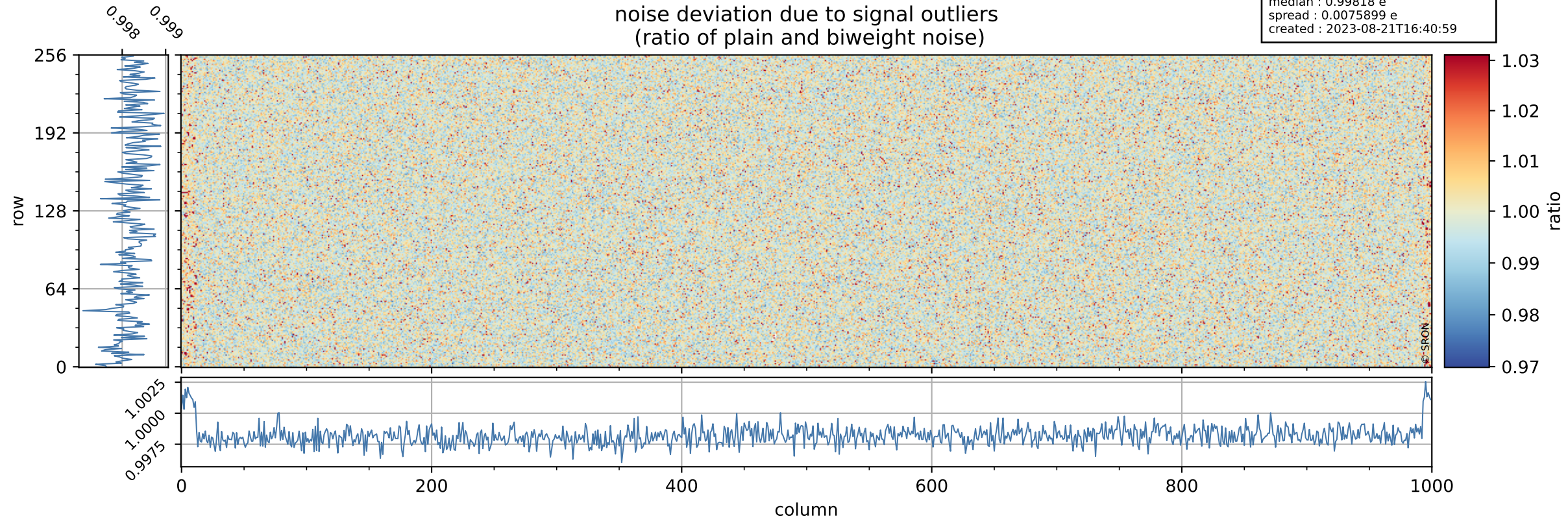
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

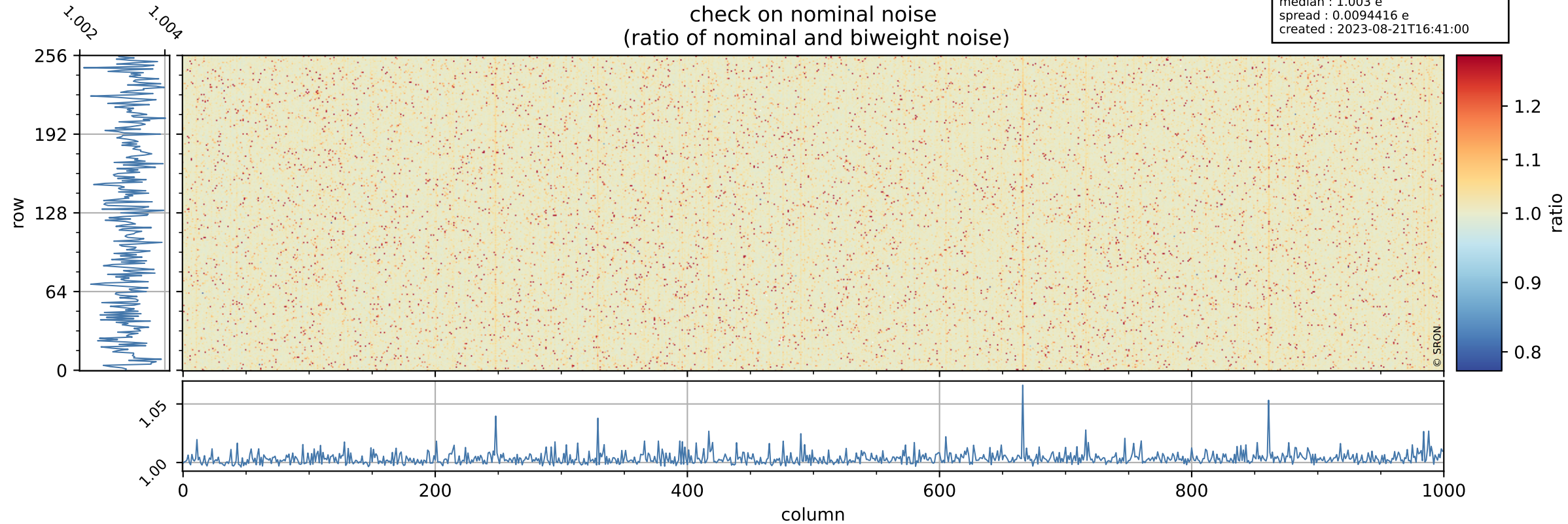
orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
median : 0.99818 e
spread : 0.0075899 e
created : 2023-08-21T16:40:59



Tropomi SWIR background noise (swir)

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

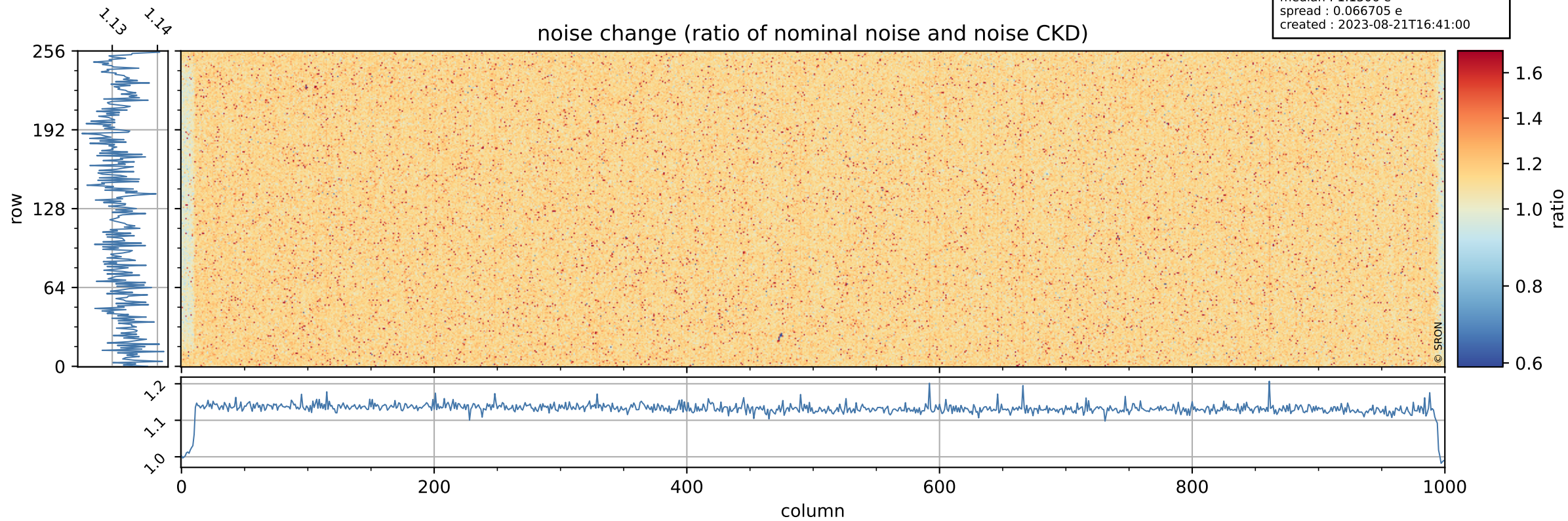
orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
median : 1.003 e
spread : 0.0094416 e
created : 2023-08-21T16:41:00



Tropomi SWIR background noise (swir)

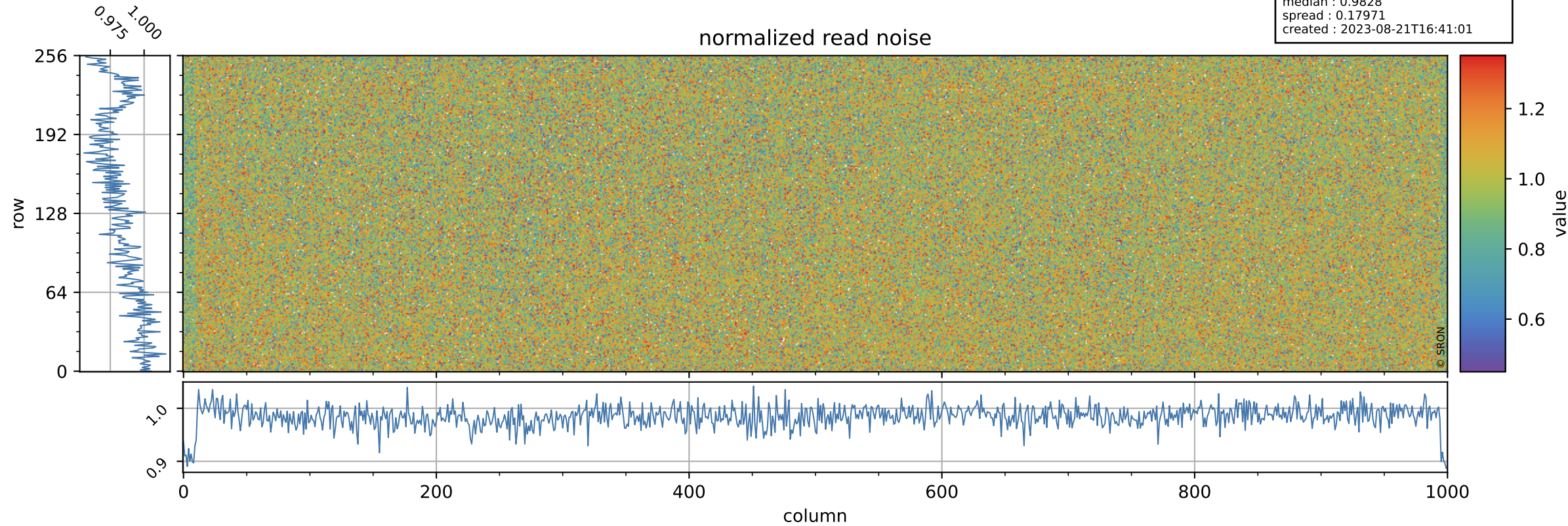
orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
median : 1.1306 e
spread : 0.066705 e
created : 2023-08-21T16:41:00

noise change (ratio of nominal noise and noise CKD)



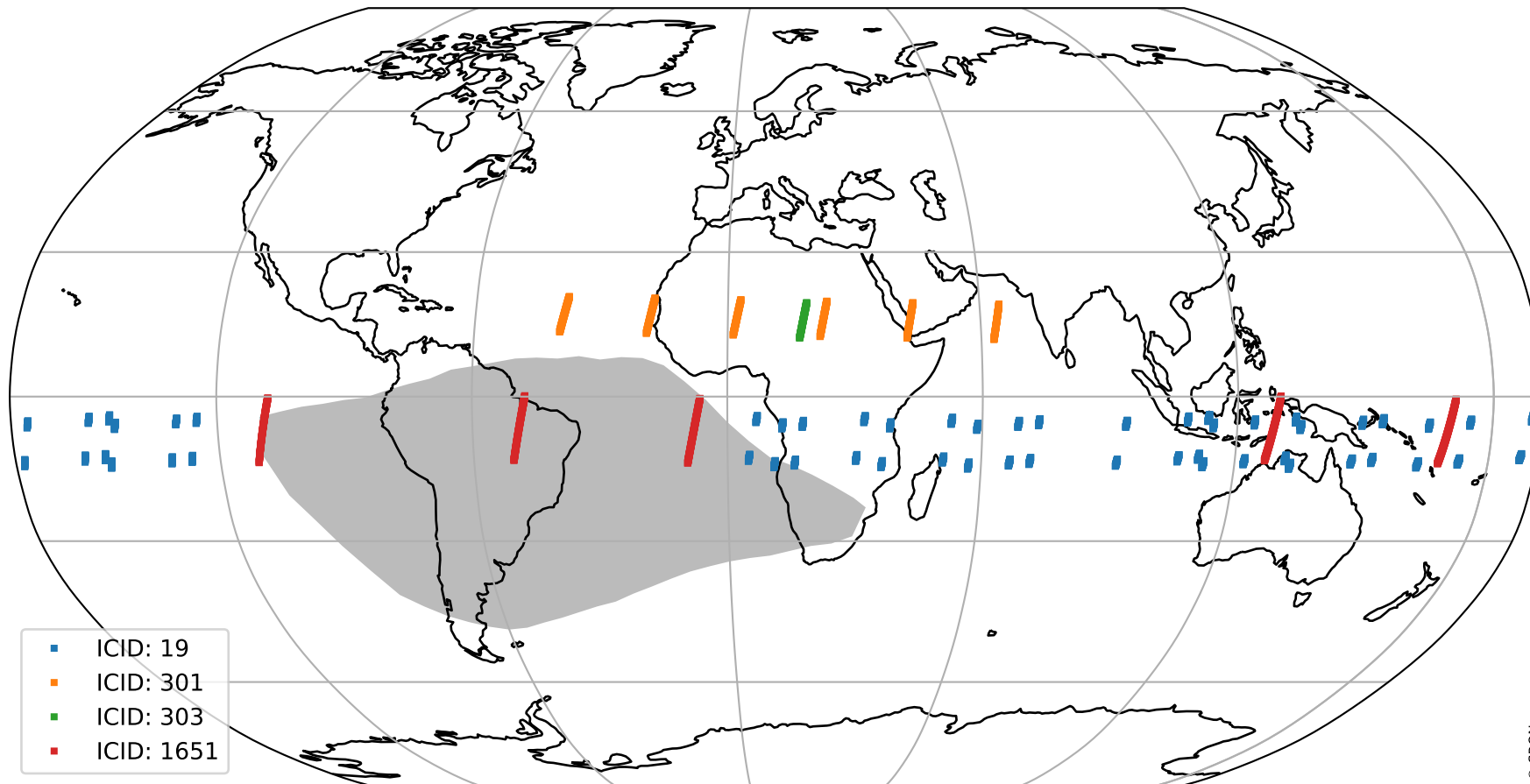
Tropomi SWIR background noise (swir)

orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
median : 0.9828
spread : 0.17971
created : 2023-08-21T16:41:01



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

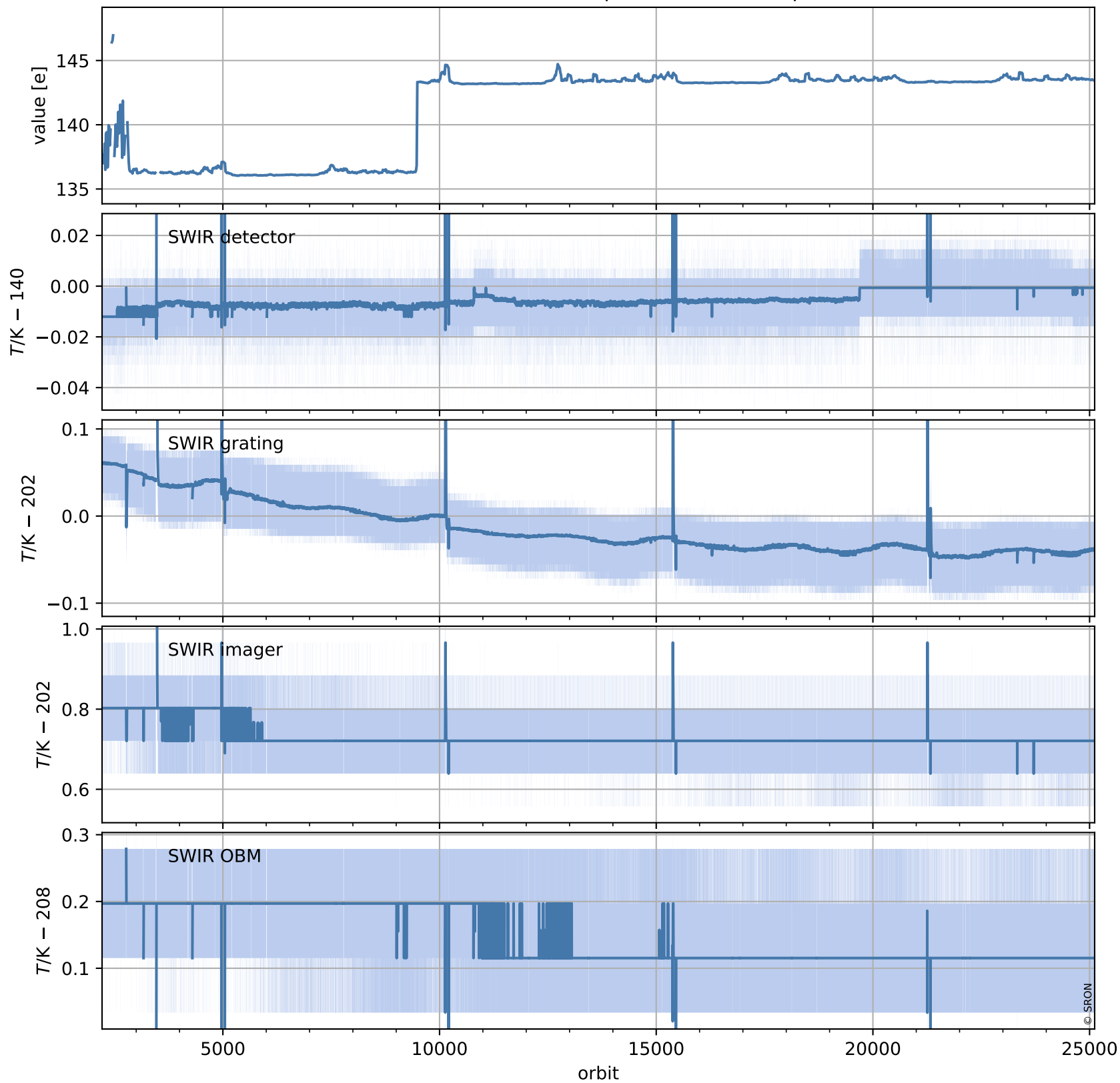
orbits : 12 in [25042, 25117]
coverage : 2022-08-12 / 2022-08-18
created : 2023-08-21T16:41:01



Tropomi SWIR background noise (swir)

orbits : [2212, 25117]
coverage : 2018-03-18 / 2022-08-18
created : 2023-08-21T16:41:01

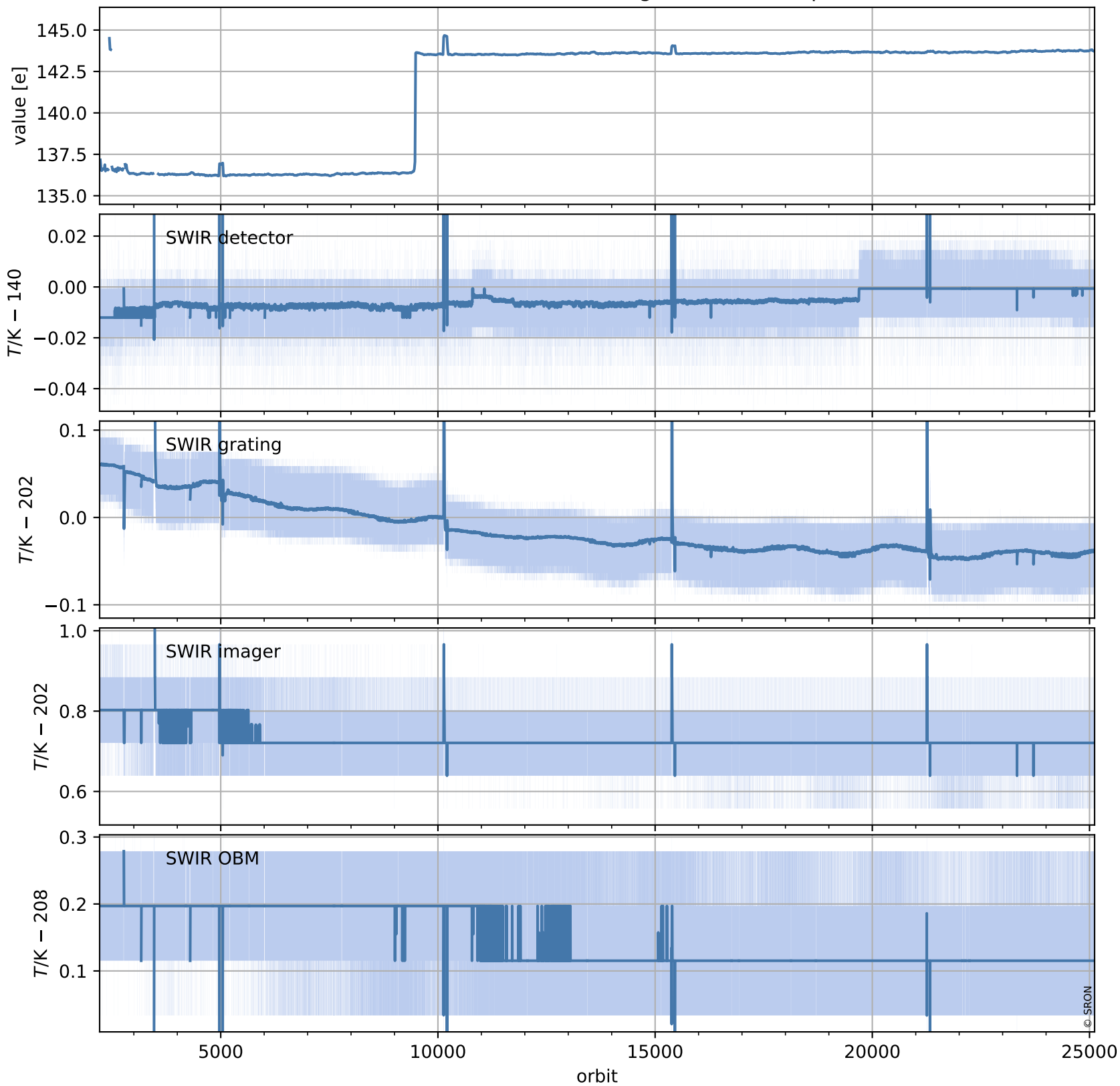
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25117]
coverage : 2018-03-18 / 2022-08-18
created : 2023-08-21T16:41:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25117]
coverage : 2018-03-18 / 2022-08-18
created : 2023-08-21T16:41:03

trend of normalized read-noise & temperatures

