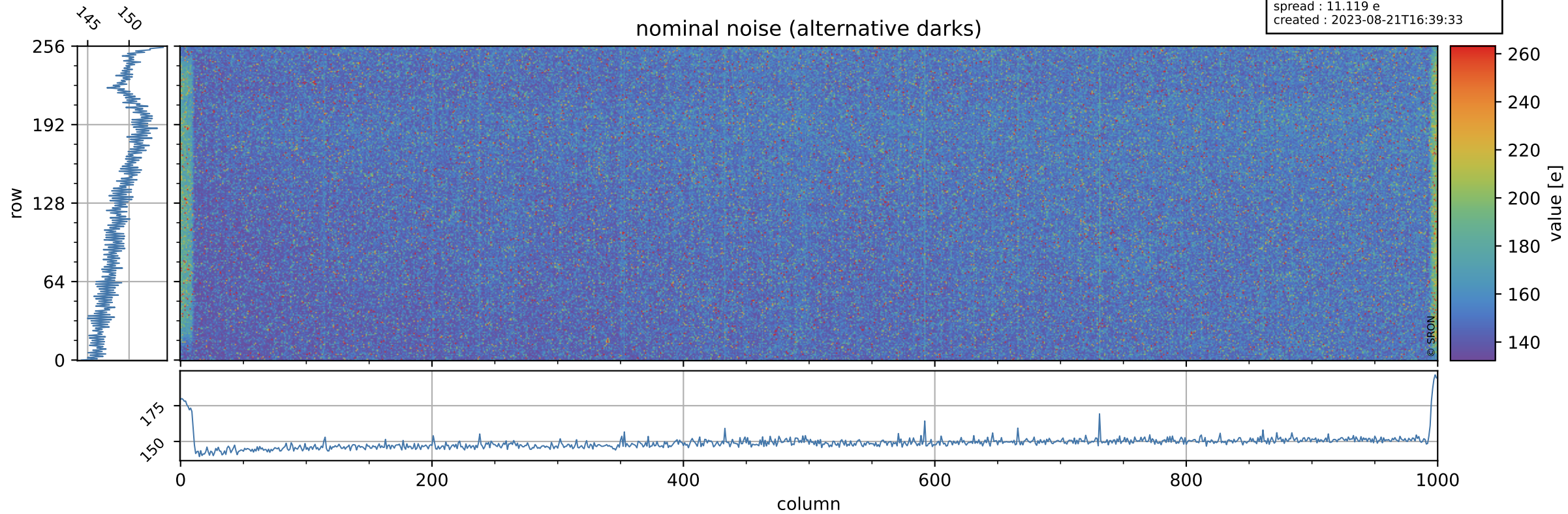


Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
n_coad, t_exp : 1, 1.0783
median : 148.92 e
spread : 11.119 e
created : 2023-08-21T16:39:33

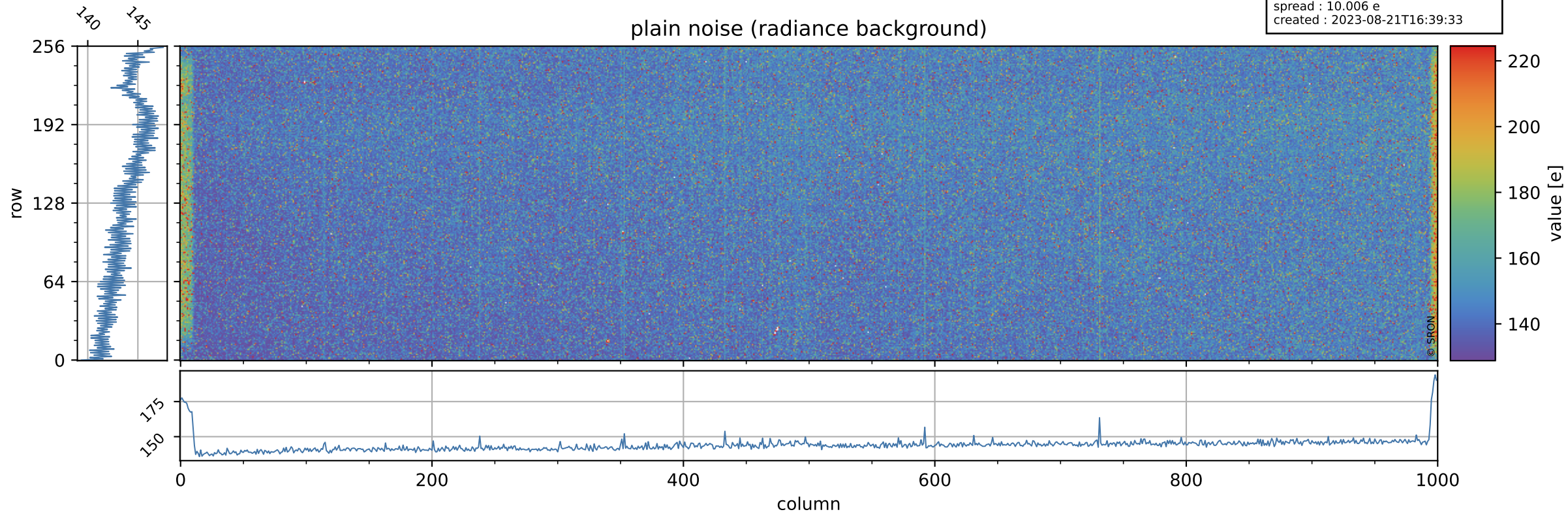
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 10.006 e
created : 2023-08-21T16:39:33

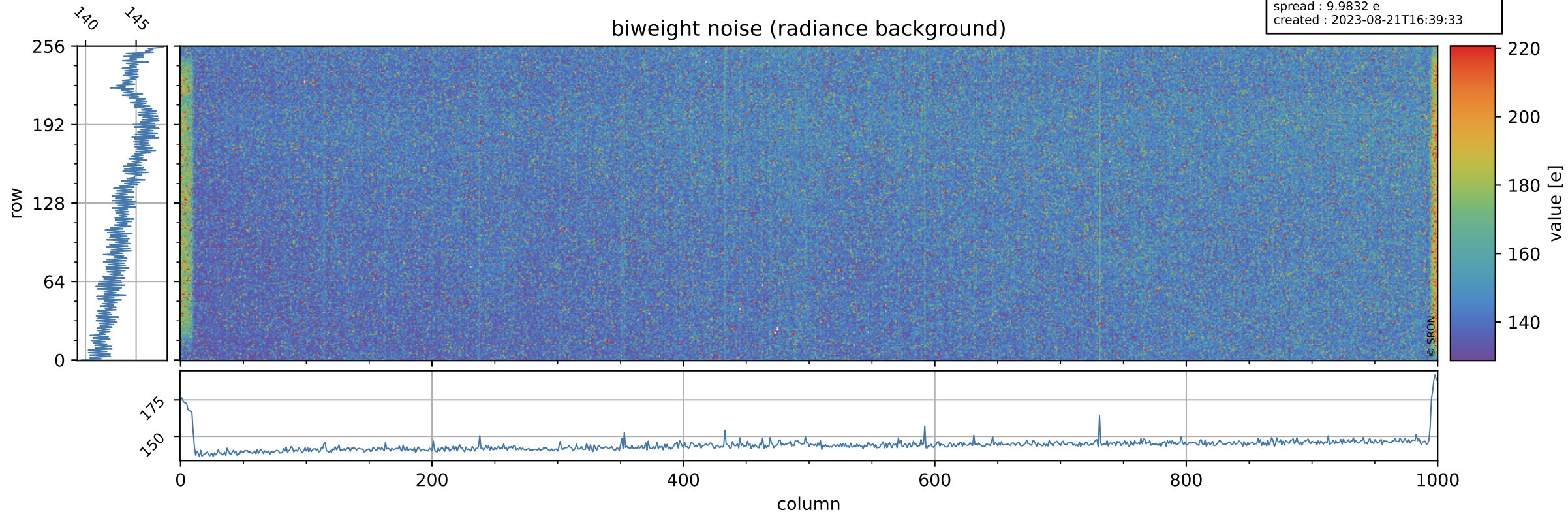
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9832 e
created : 2023-08-21T16:39:33

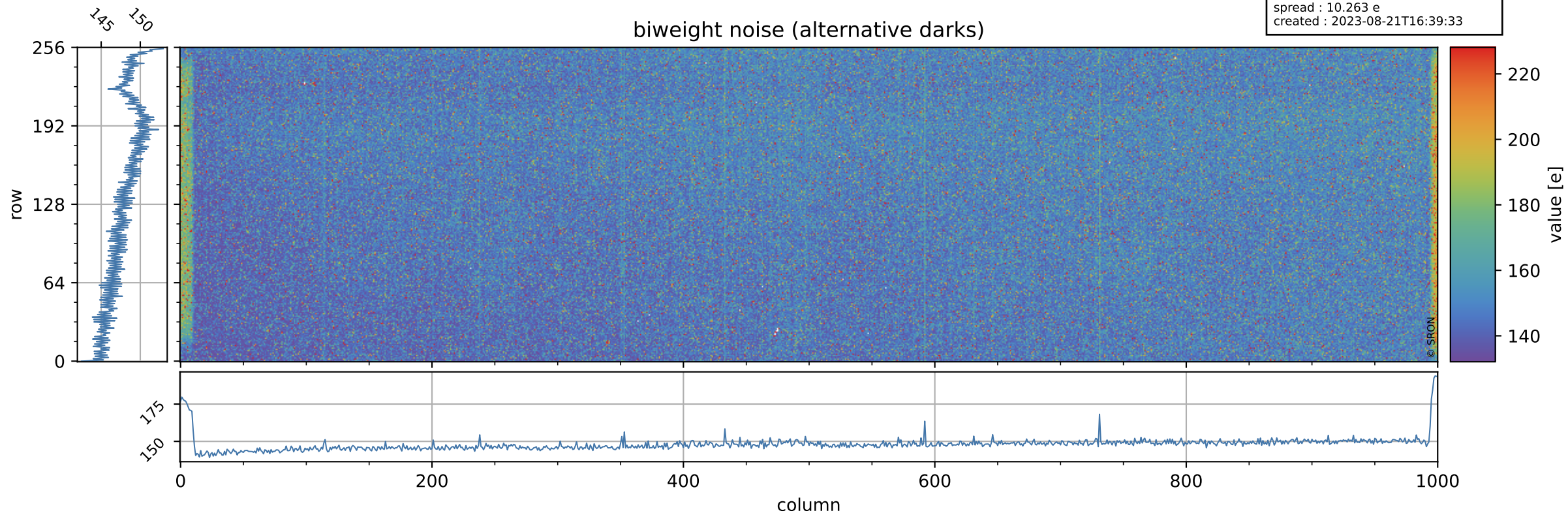
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
n_coad, t_exp : 1, 1.0783
median : 147.82 e
spread : 10.263 e
created : 2023-08-21T16:39:33

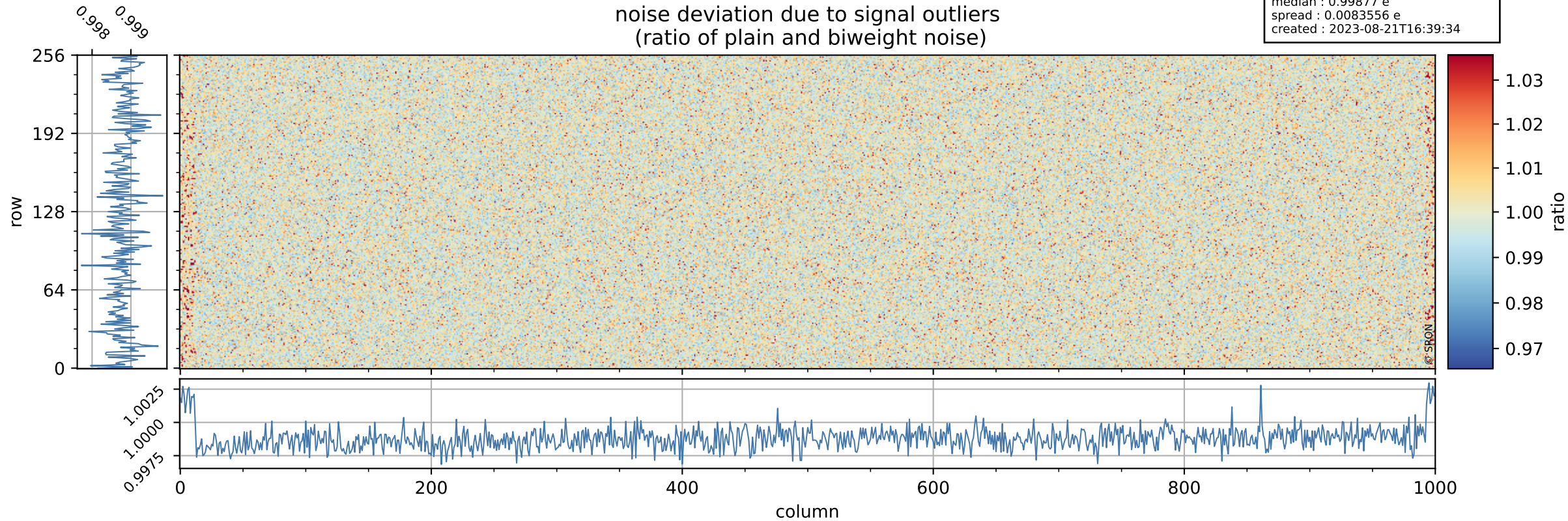
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

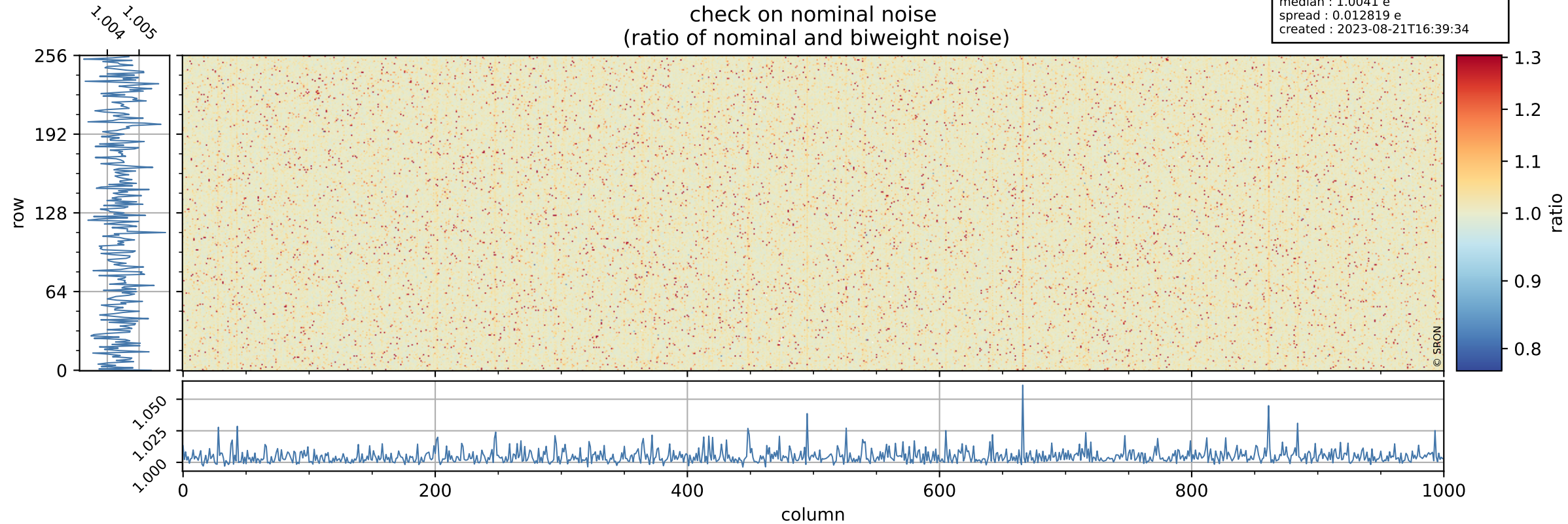
orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
median : 0.99877 e
spread : 0.0083556 e
created : 2023-08-21T16:39:34



Tropomi SWIR background noise (swir)

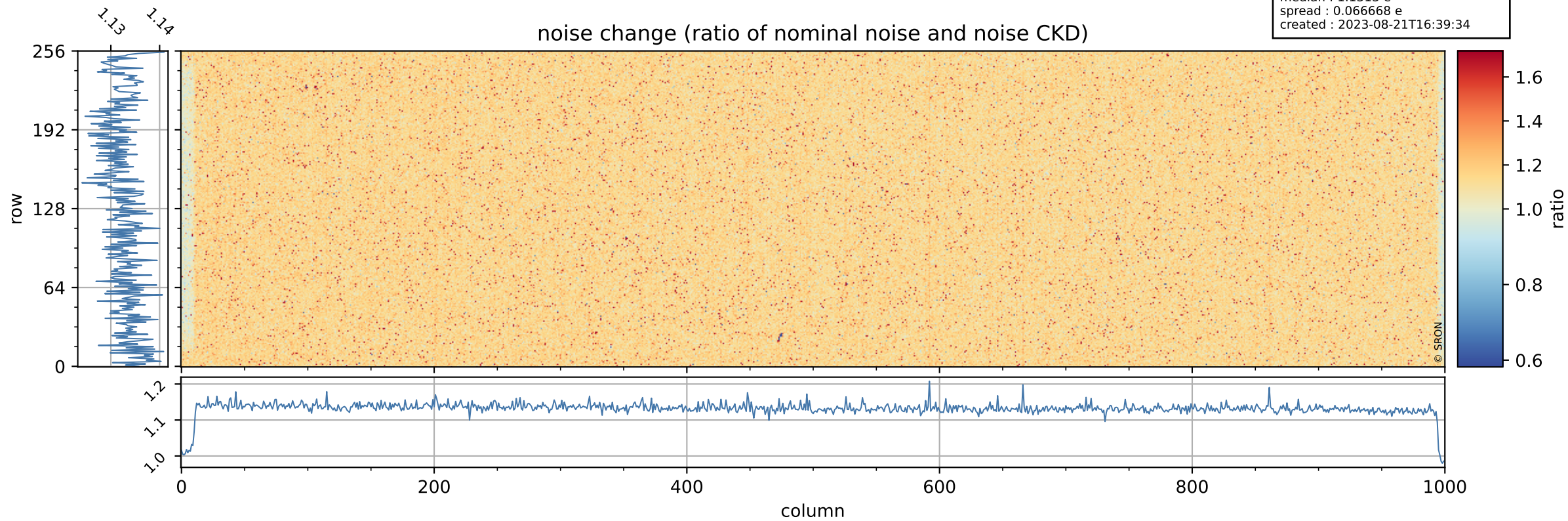
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
median : 1.0041 e
spread : 0.012819 e
created : 2023-08-21T16:39:34



Tropomi SWIR background noise (swir)

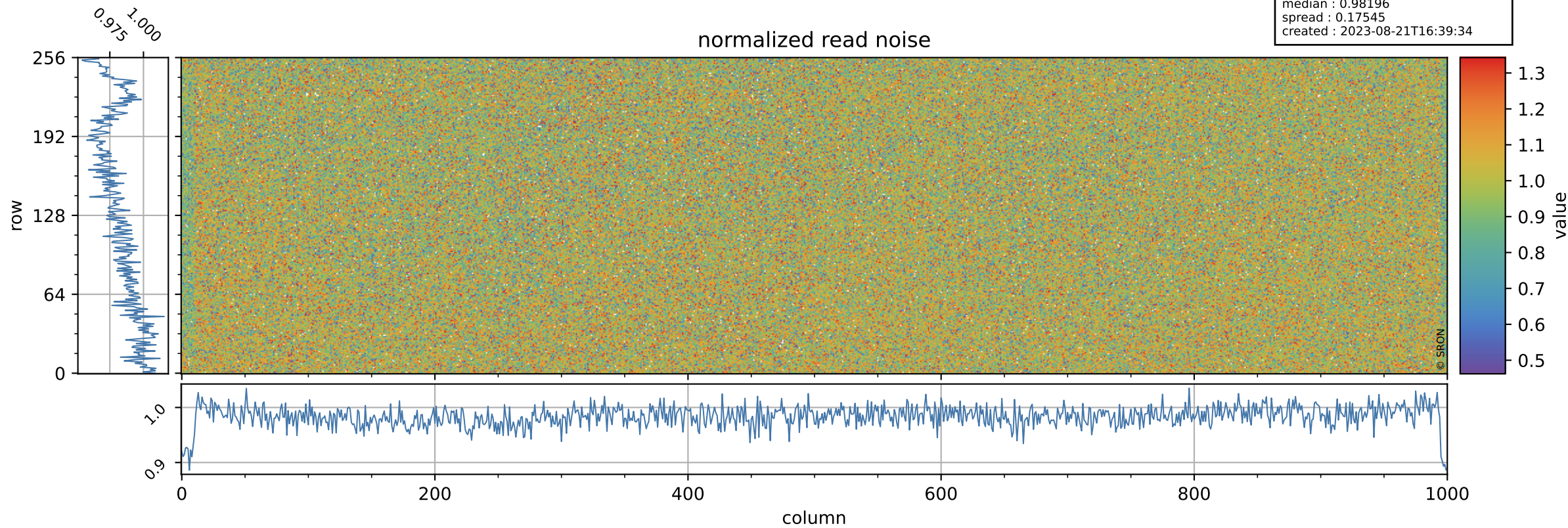
orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
median : 1.1313 e
spread : 0.066668 e
created : 2023-08-21T16:39:34



Tropomi SWIR background noise (swir)

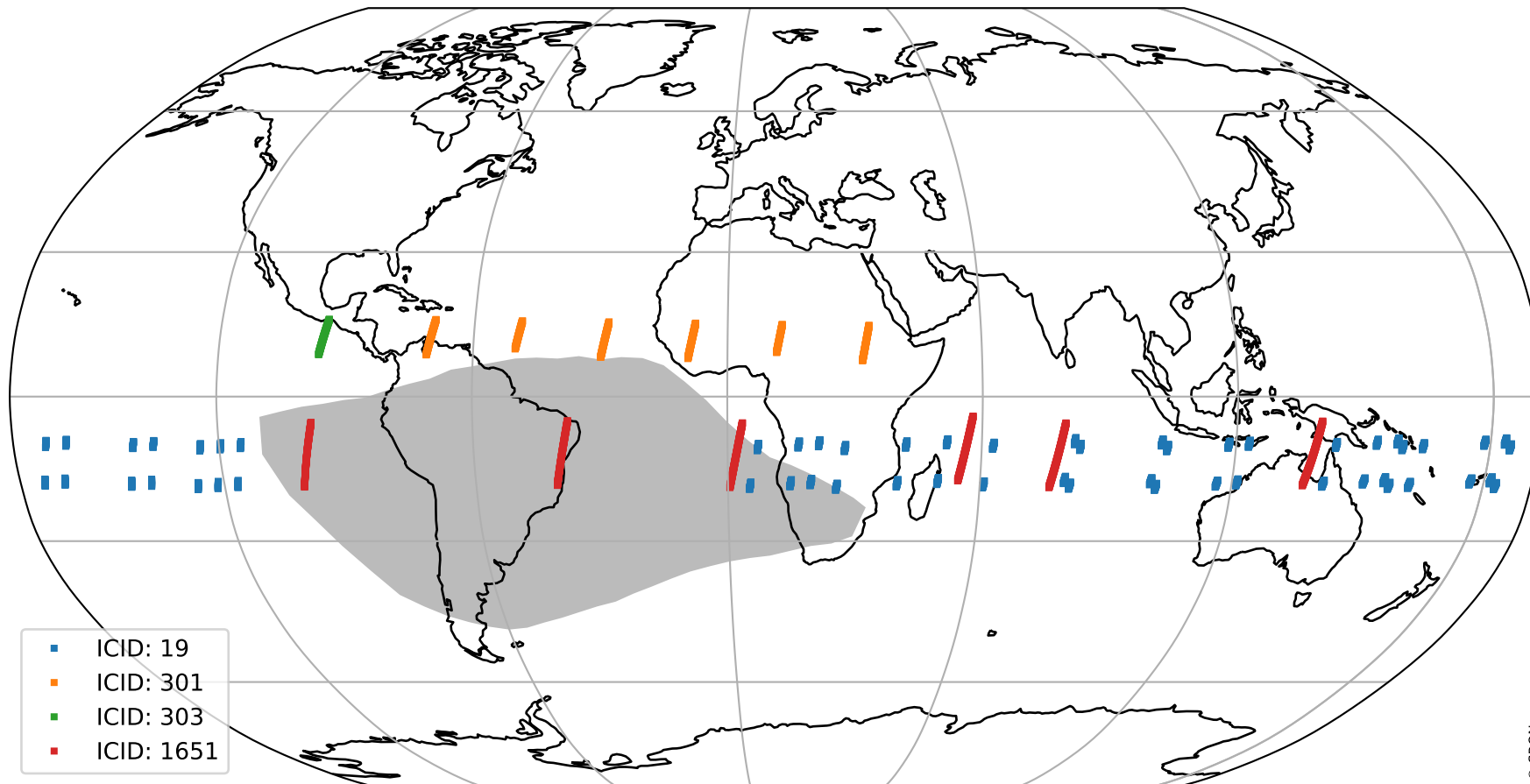
orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
median : 0.98196
spread : 0.17545
created : 2023-08-21T16:39:34

normalized read noise



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

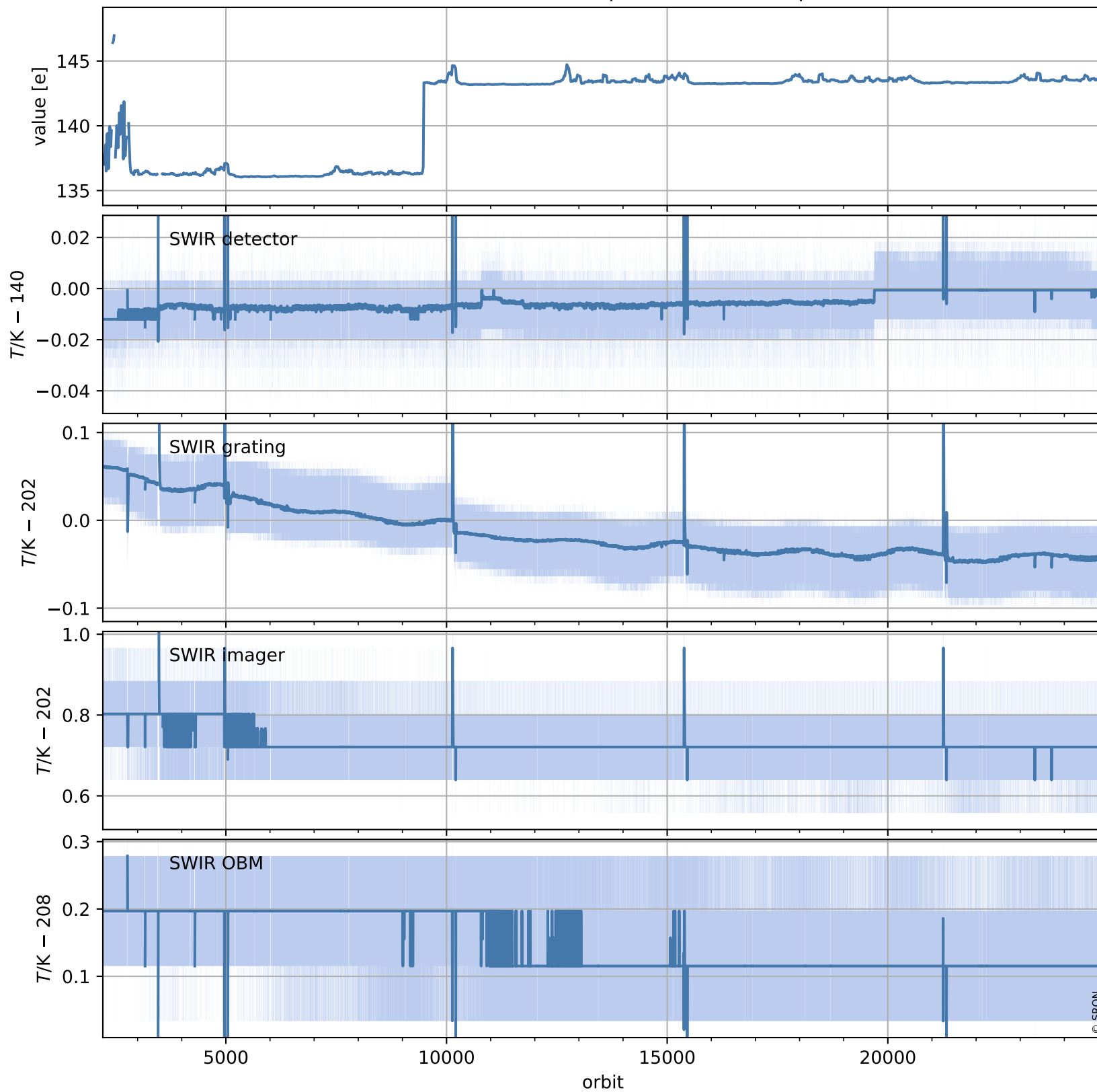
orbits : 13 in [24787, 24877]
coverage : 2022-07-26 / 2022-08-01
created : 2023-08-21T16:39:35



Tropomi SWIR background noise (swir)

orbits : [2212, 24877]
coverage : 2018-03-18 / 2022-08-01
created : 2023-08-21T16:39:35

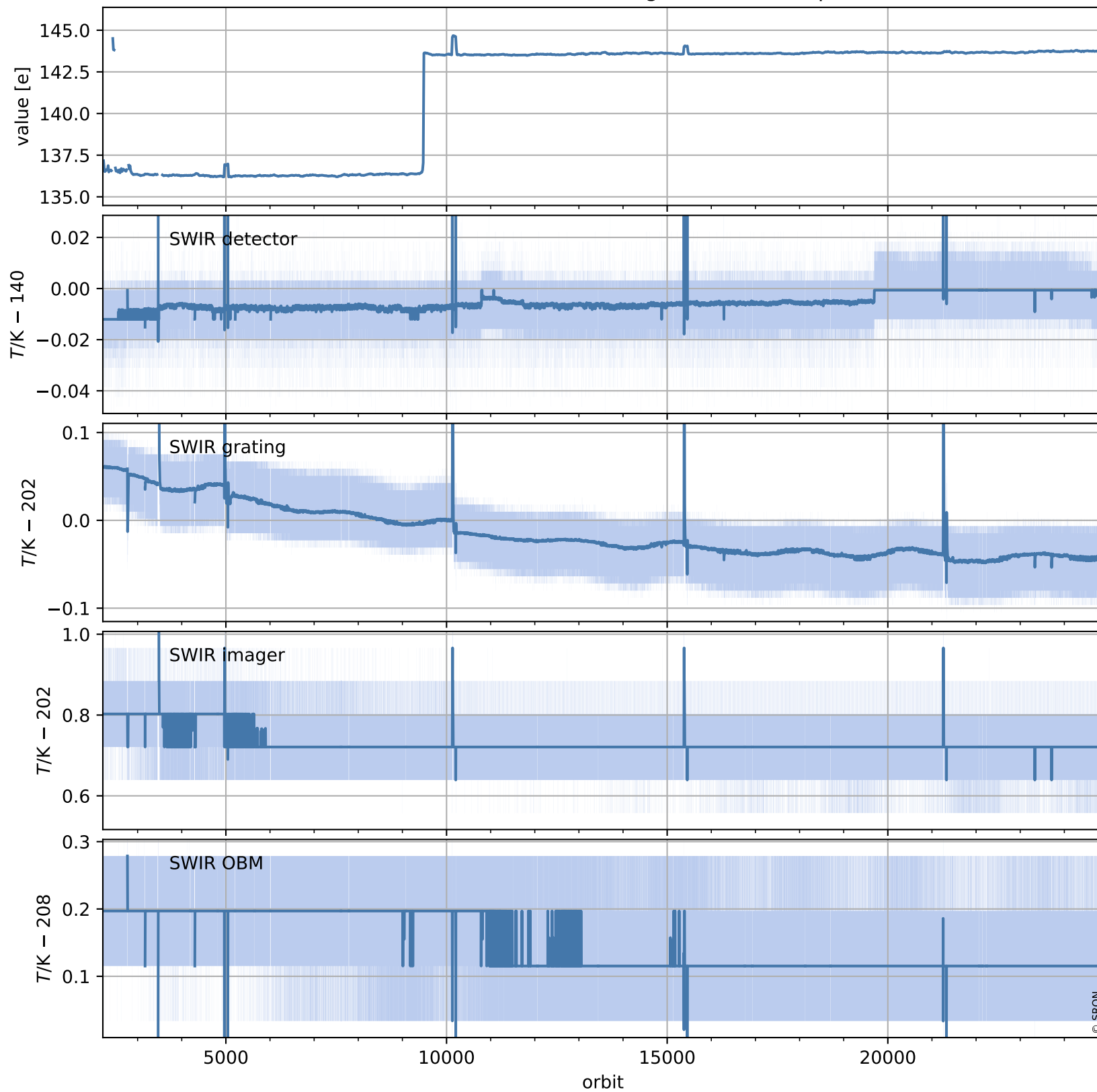
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24877]
coverage : 2018-03-18 / 2022-08-01
created : 2023-08-21T16:39:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 24877]
coverage : 2018-03-18 / 2022-08-01
created : 2023-08-21T16:39:37

trend of normalized read-noise & temperatures

