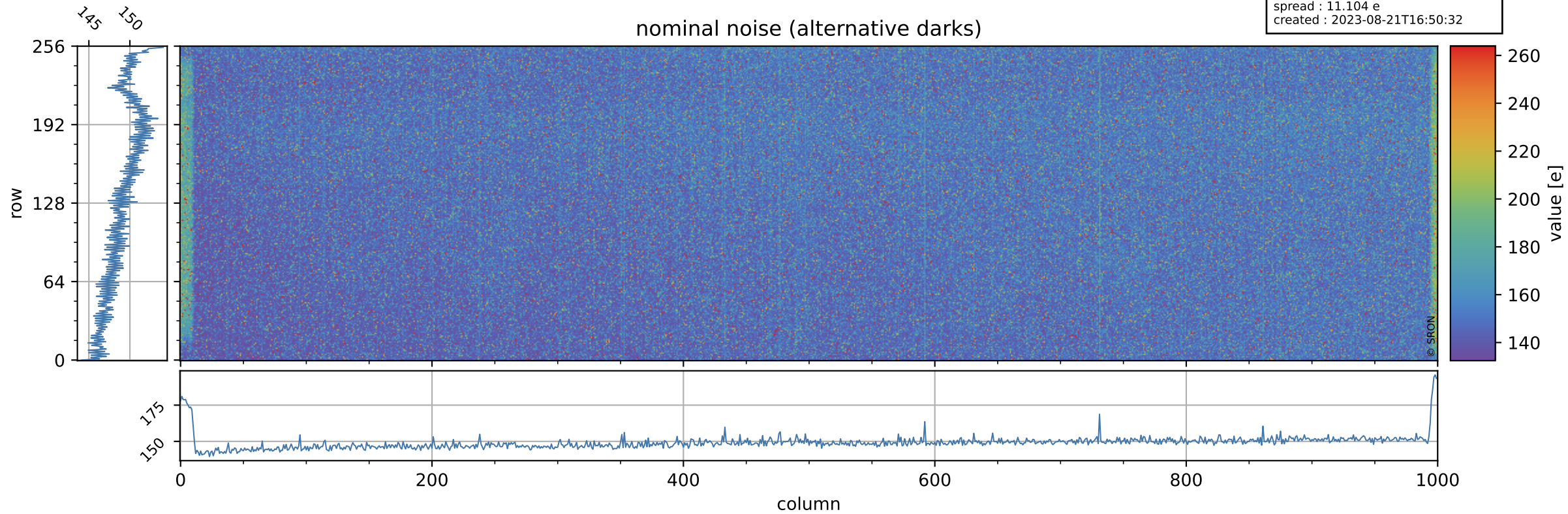


Tropomi SWIR background noise (swir)

orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
n_coad, t_exp : 1, 1.0783
median : 148.96 e
spread : 11.104 e
created : 2023-08-21T16:50:32

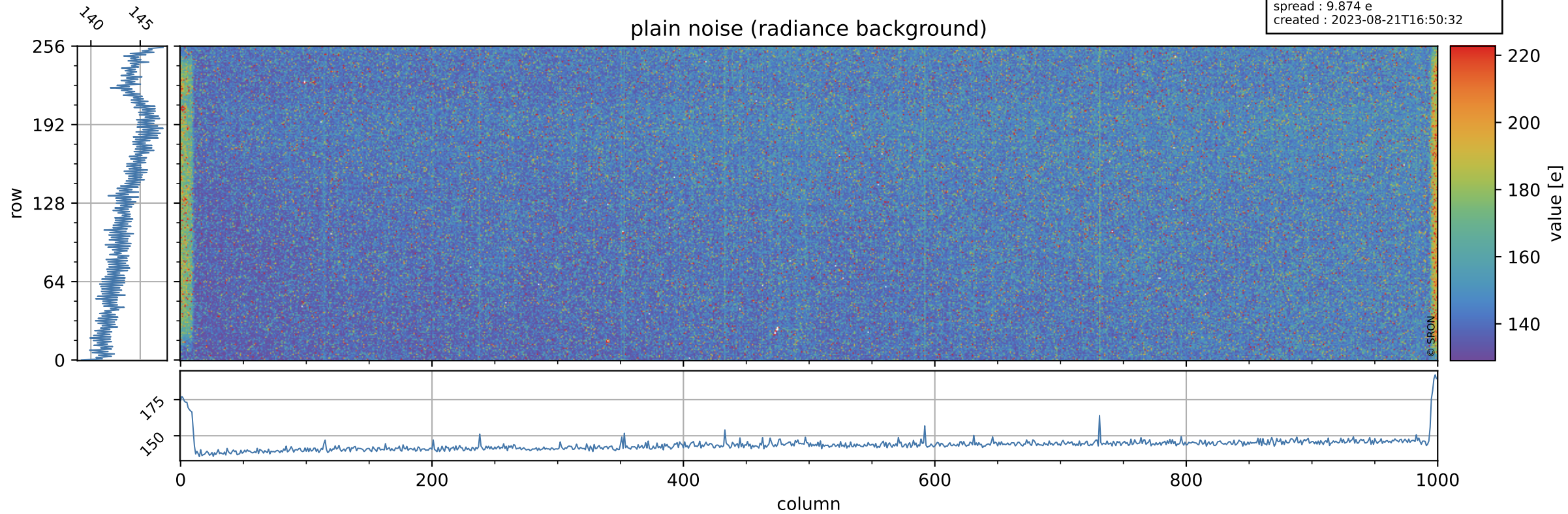
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.874 e
created : 2023-08-21T16:50:32

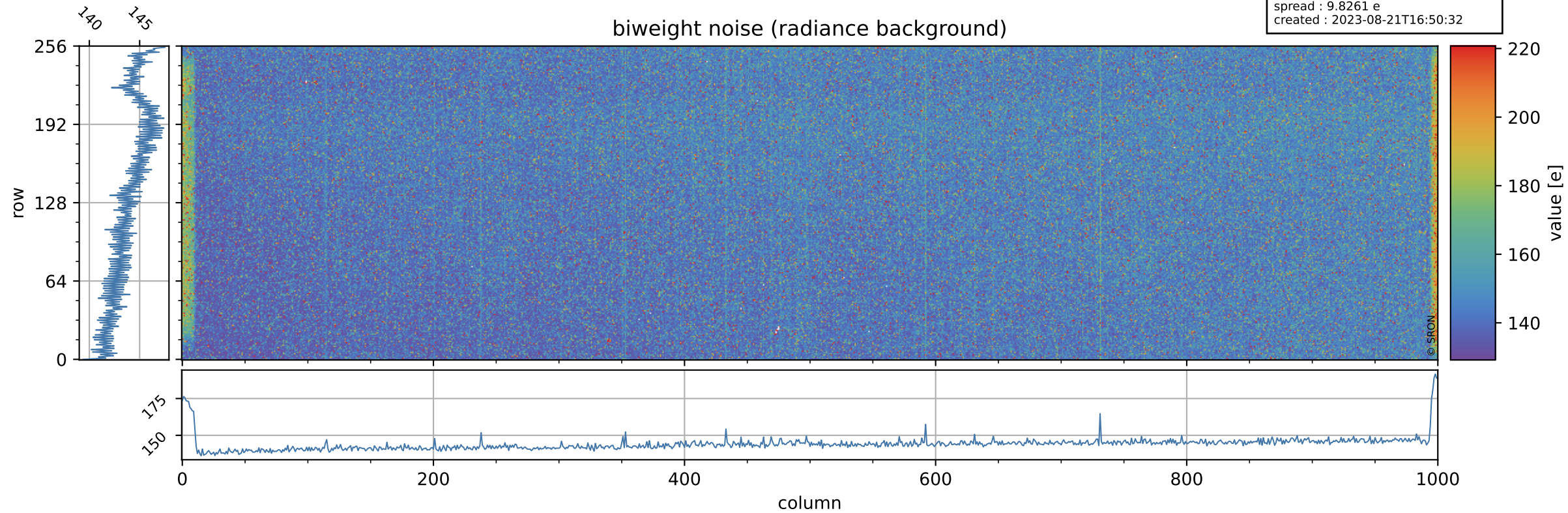
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8261 e
created : 2023-08-21T16:50:32

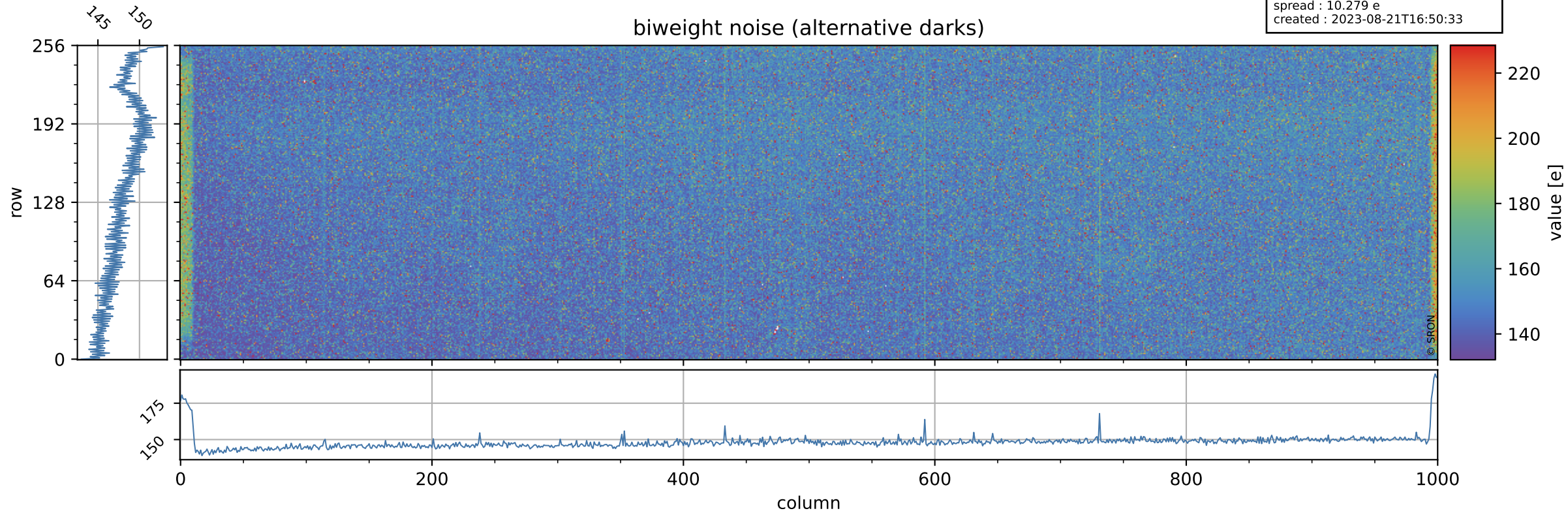
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.279 e
created : 2023-08-21T16:50:33

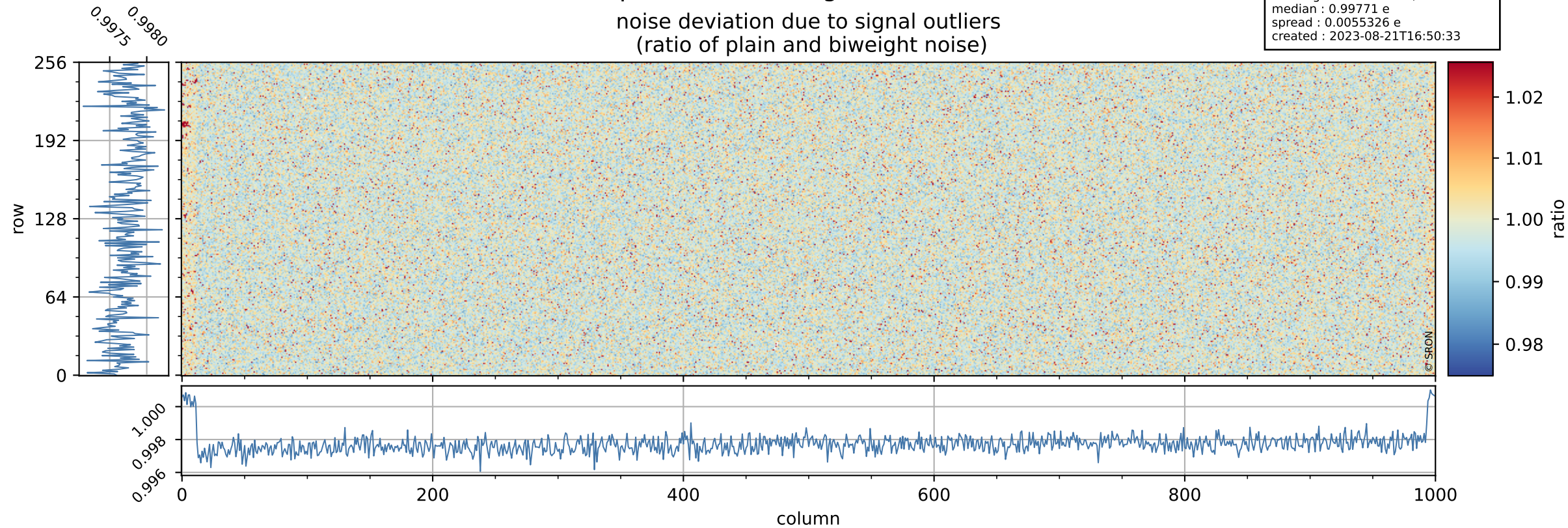
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

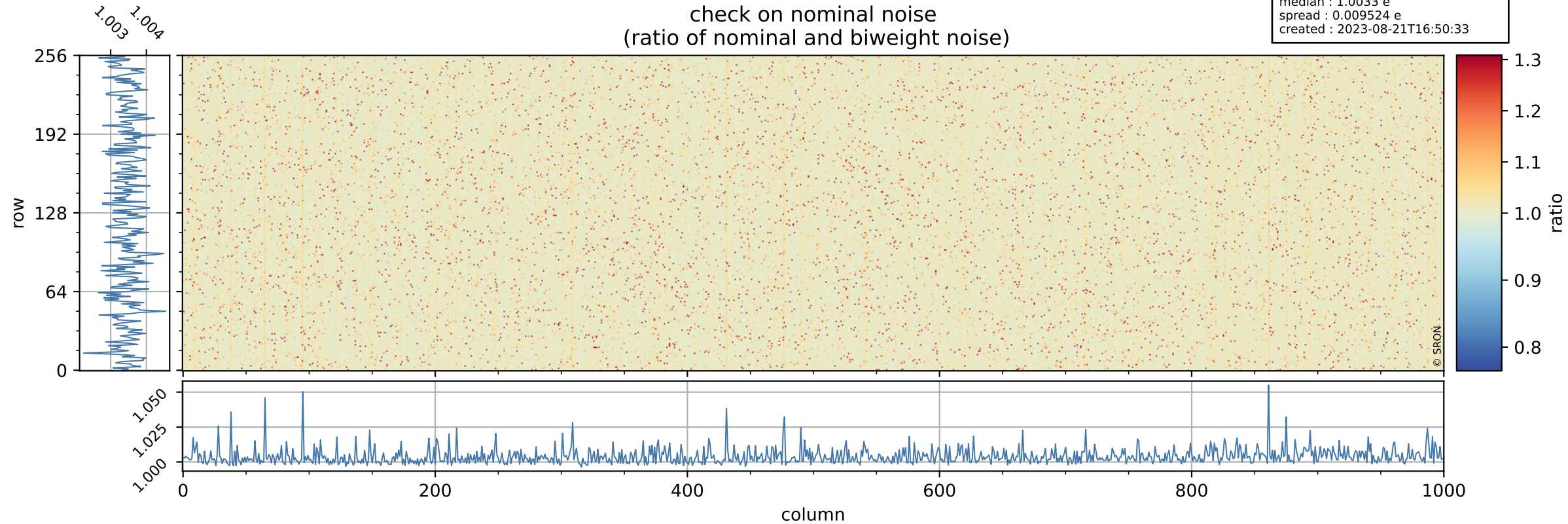
orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
median : 0.99771 e
spread : 0.0055326 e
created : 2023-08-21T16:50:33



Tropomi SWIR background noise (swir)

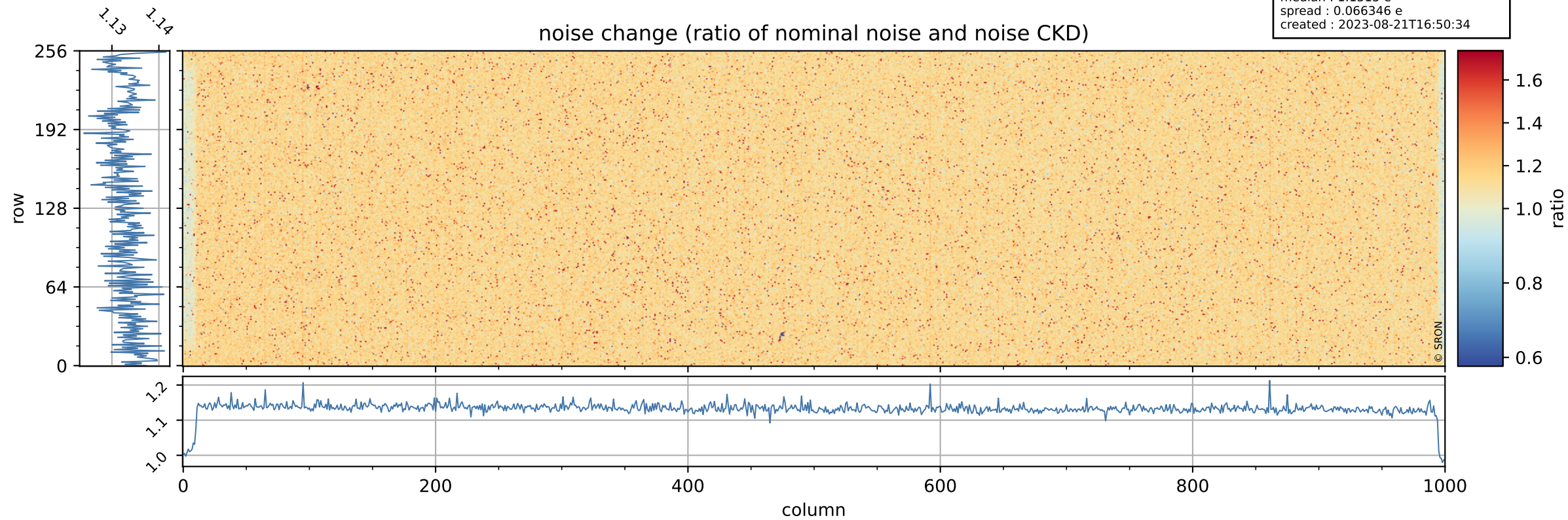
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
median : 1.0033 e
spread : 0.009524 e
created : 2023-08-21T16:50:33



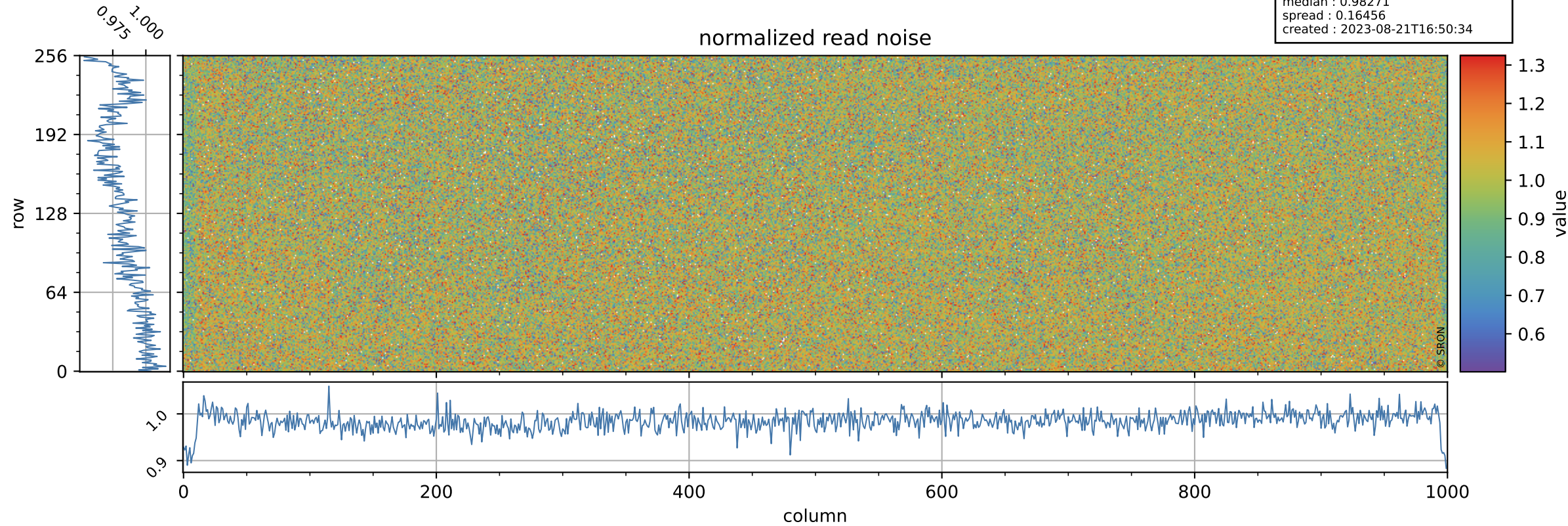
Tropomi SWIR background noise (swir)

orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
median : 1.1315 e
spread : 0.066346 e
created : 2023-08-21T16:50:34



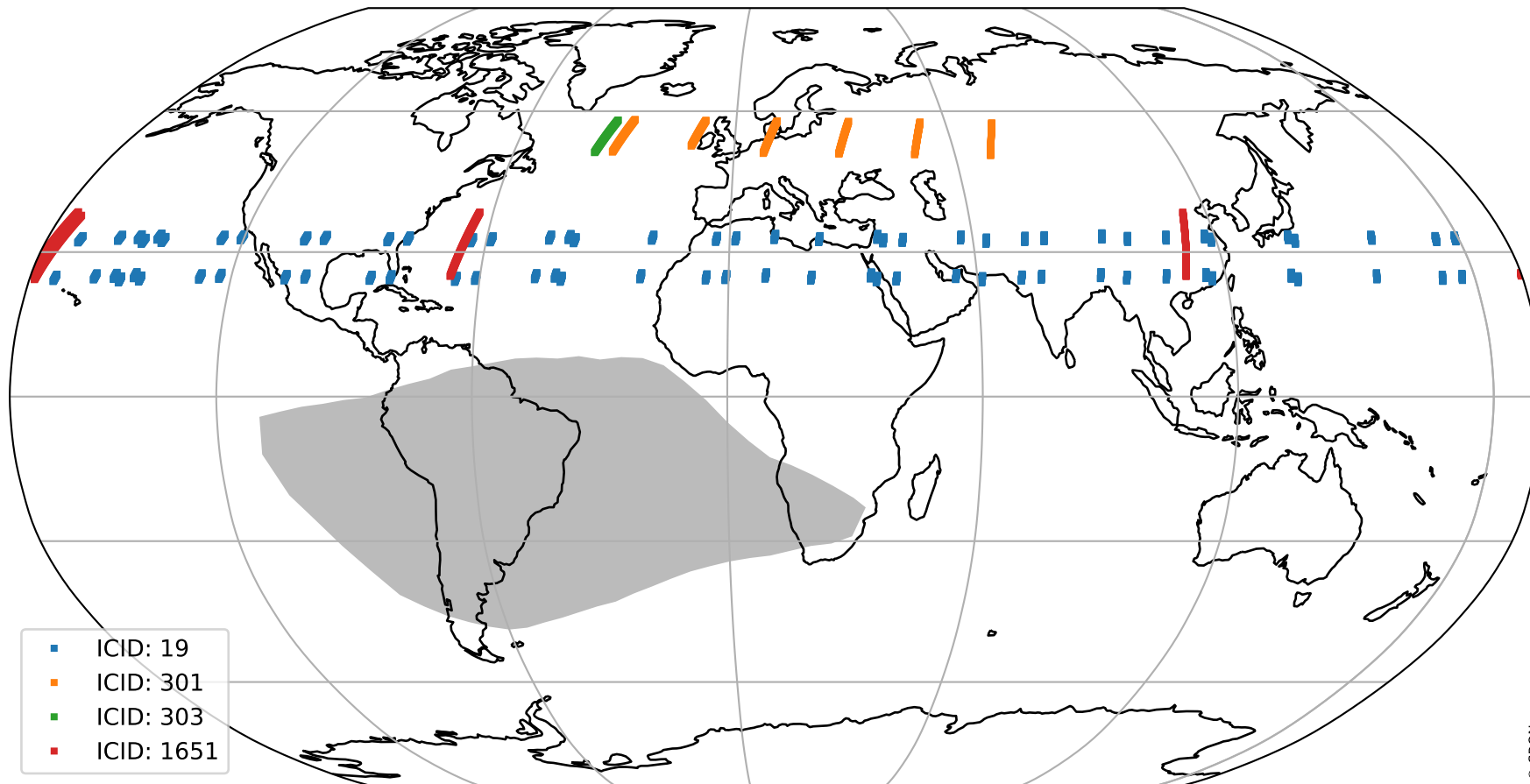
Tropomi SWIR background noise (swir)

orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
median : 0.98271
spread : 0.16456
created : 2023-08-21T16:50:34



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

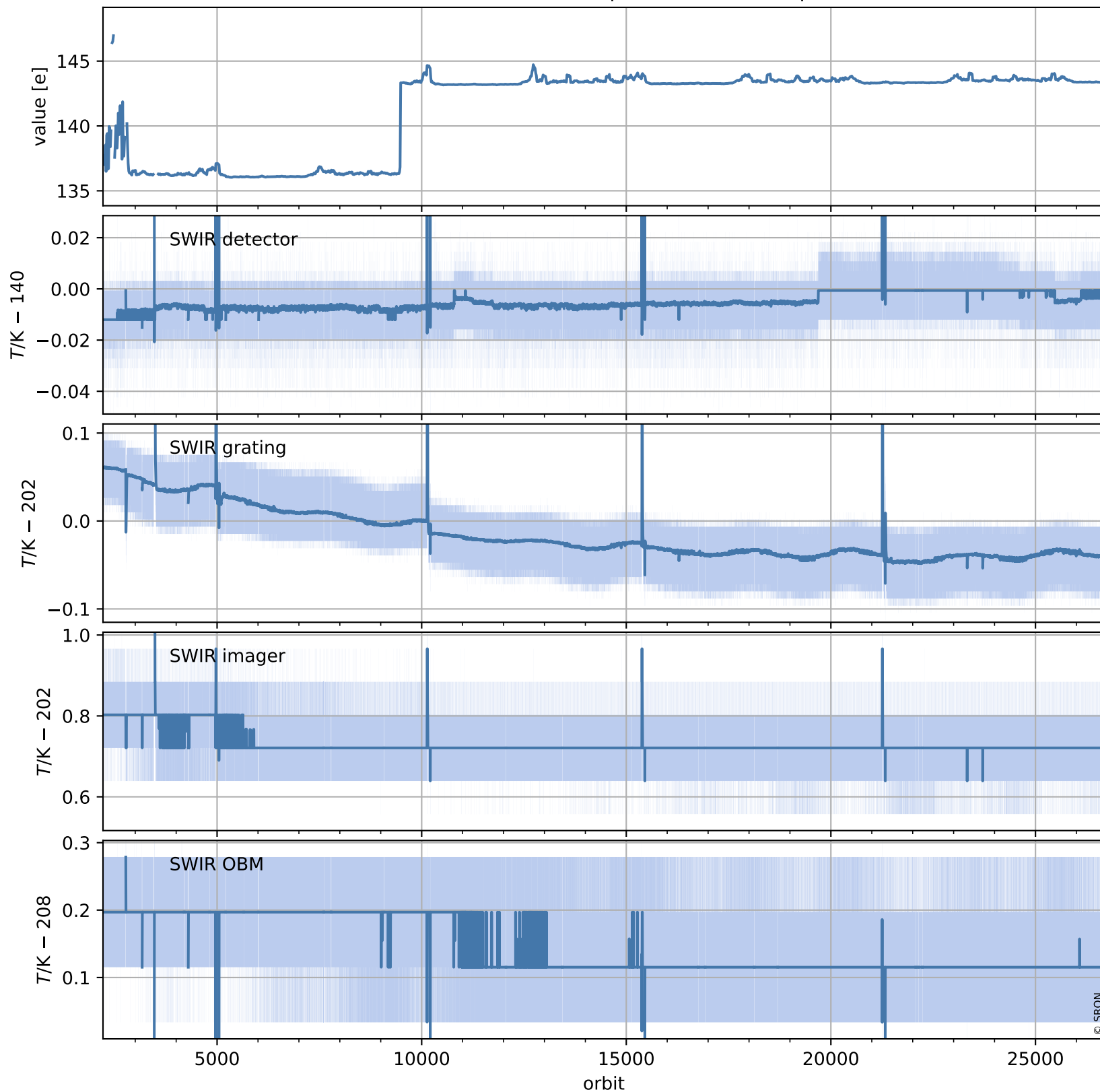
orbits : 11 in [26602, 26692]
coverage : 2022-12-01 / 2022-12-07
created : 2023-08-21T16:50:34



Tropomi SWIR background noise (swir)

orbits : [2212, 26692]
coverage : 2018-03-18 / 2022-12-07
created : 2023-08-21T16:50:35

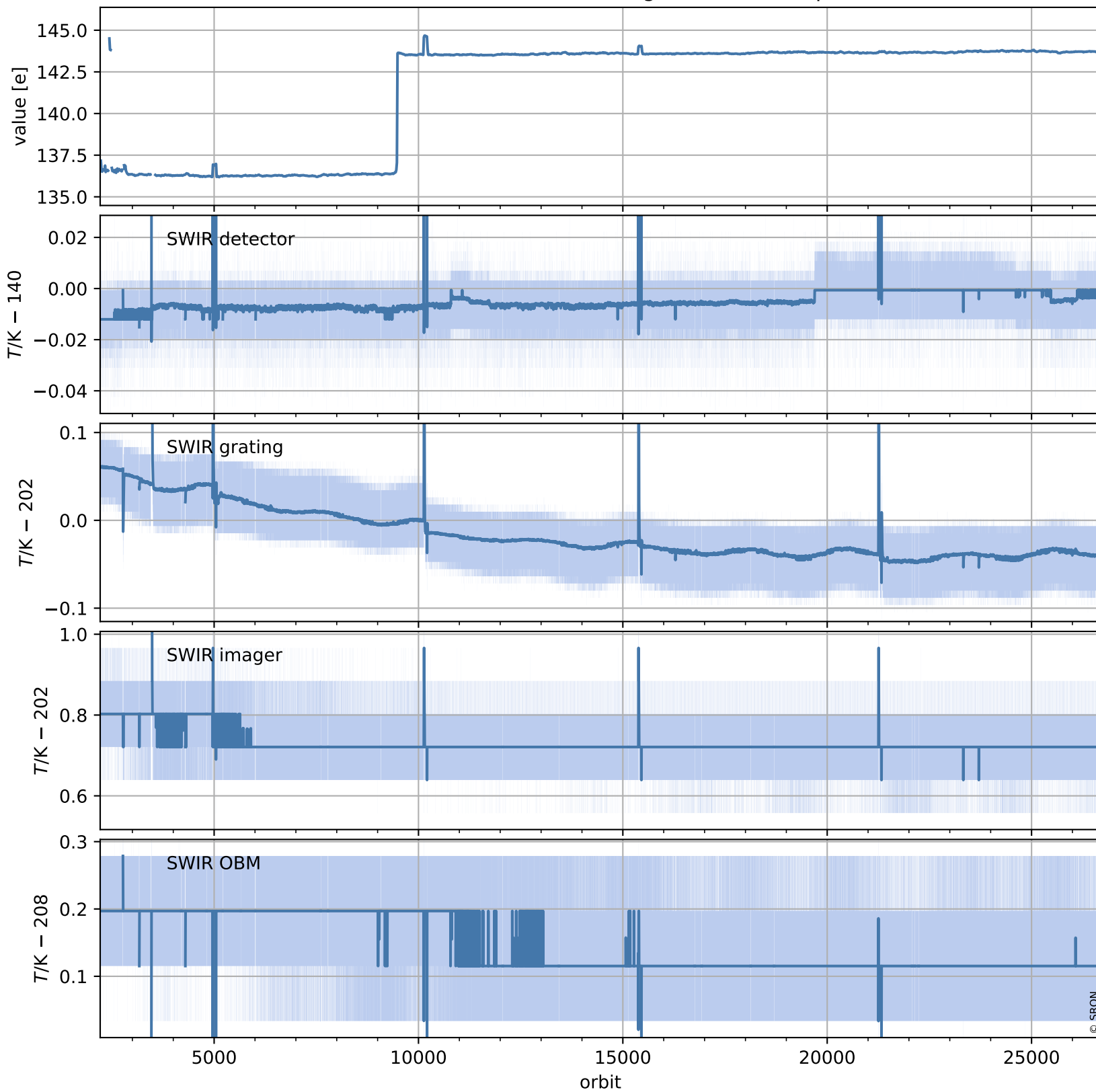
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26692]
coverage : 2018-03-18 / 2022-12-07
created : 2023-08-21T16:50:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26692]
coverage : 2018-03-18 / 2022-12-07
created : 2023-08-21T16:50:36

trend of normalized read-noise & temperatures

