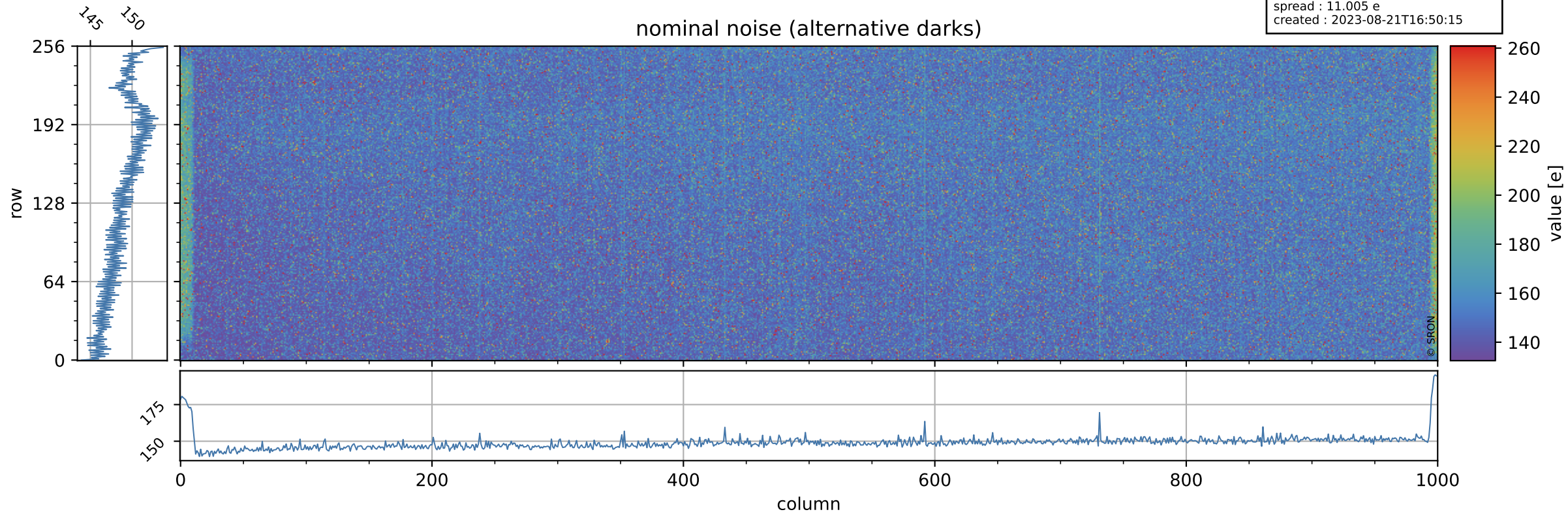


Tropomi SWIR background noise (swir)

orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 11.005 e
created : 2023-08-21T16:50:15

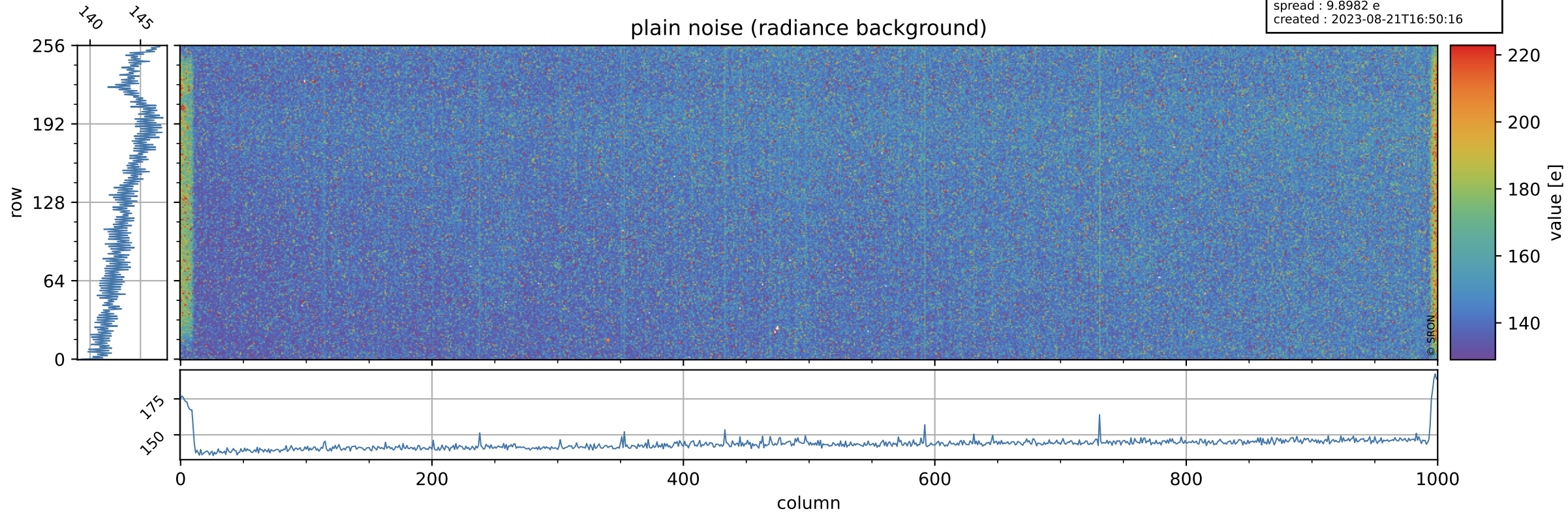
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8982 e
created : 2023-08-21T16:50:16

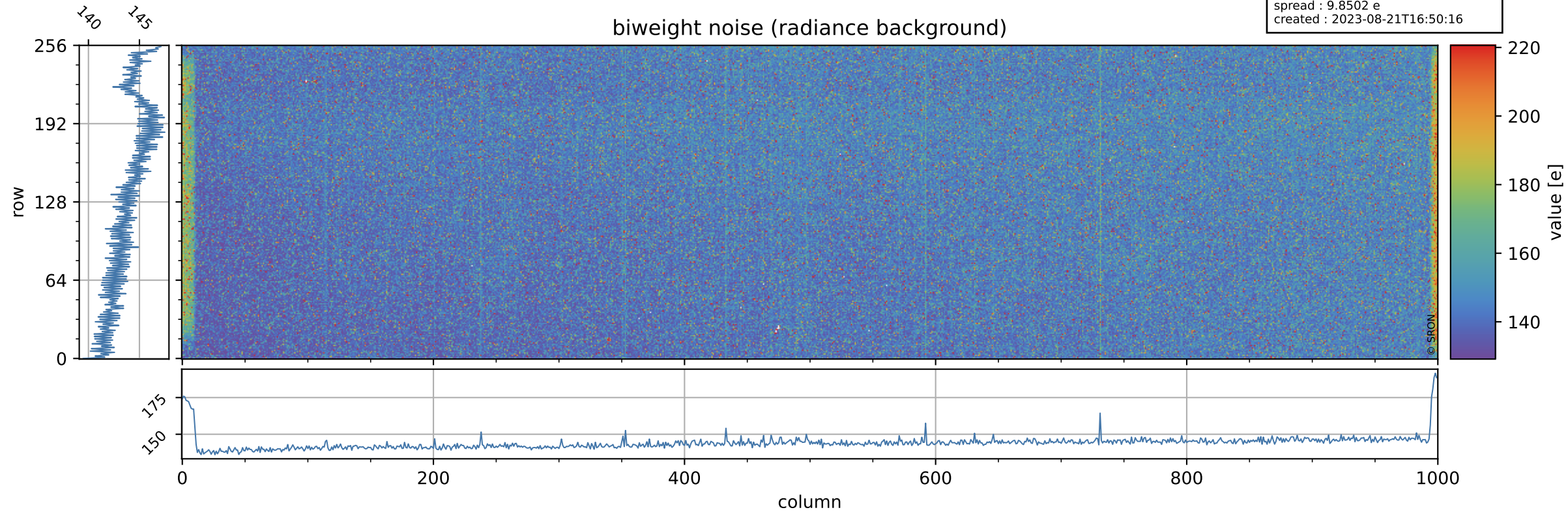
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8502 e
created : 2023-08-21T16:50:16

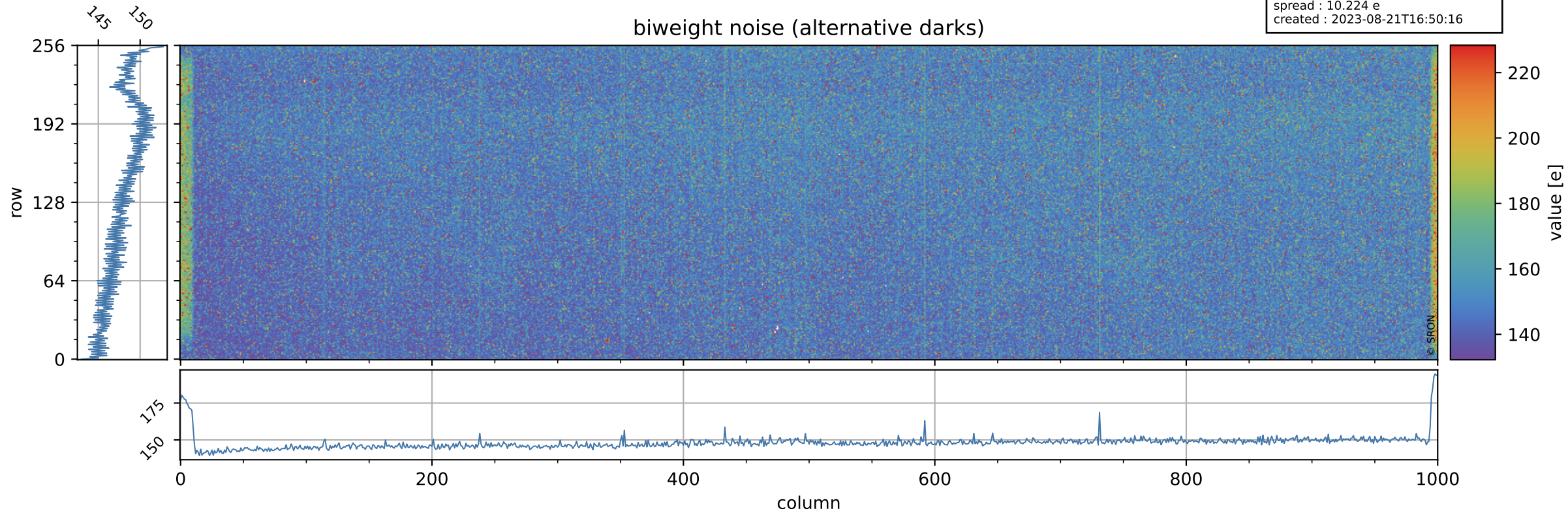
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.224 e
created : 2023-08-21T16:50:16

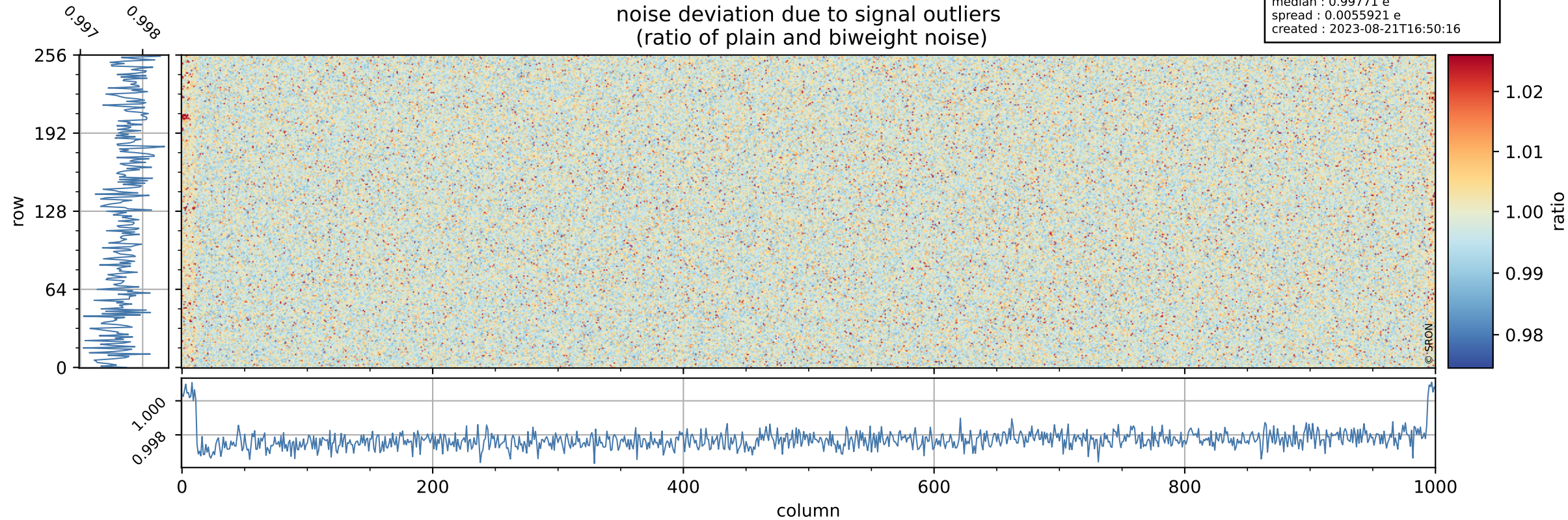
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

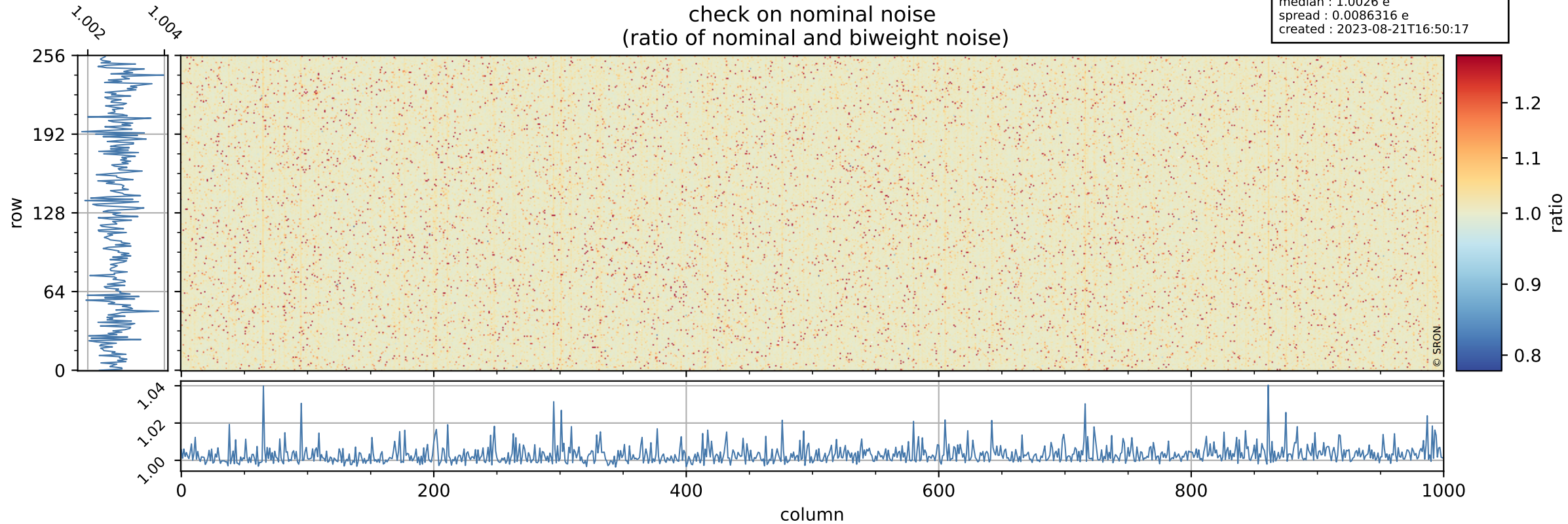
orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
median : 0.99771 e
spread : 0.0055921 e
created : 2023-08-21T16:50:16



Tropomi SWIR background noise (swir)

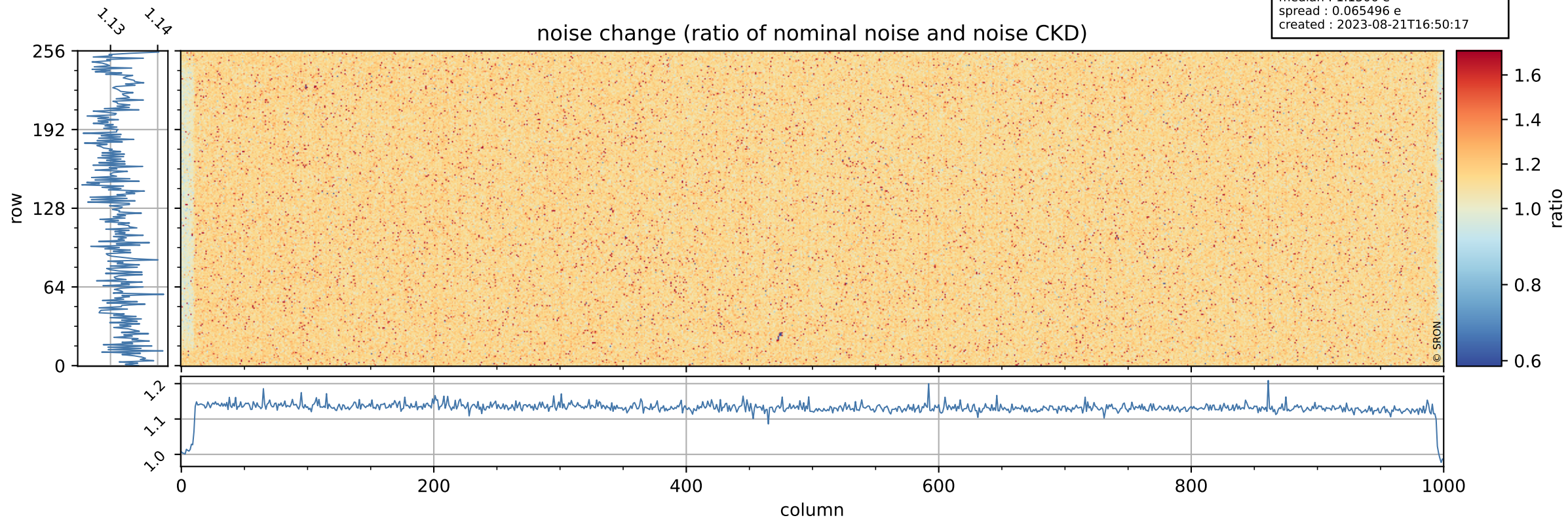
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
median : 1.0026 e
spread : 0.0086316 e
created : 2023-08-21T16:50:17



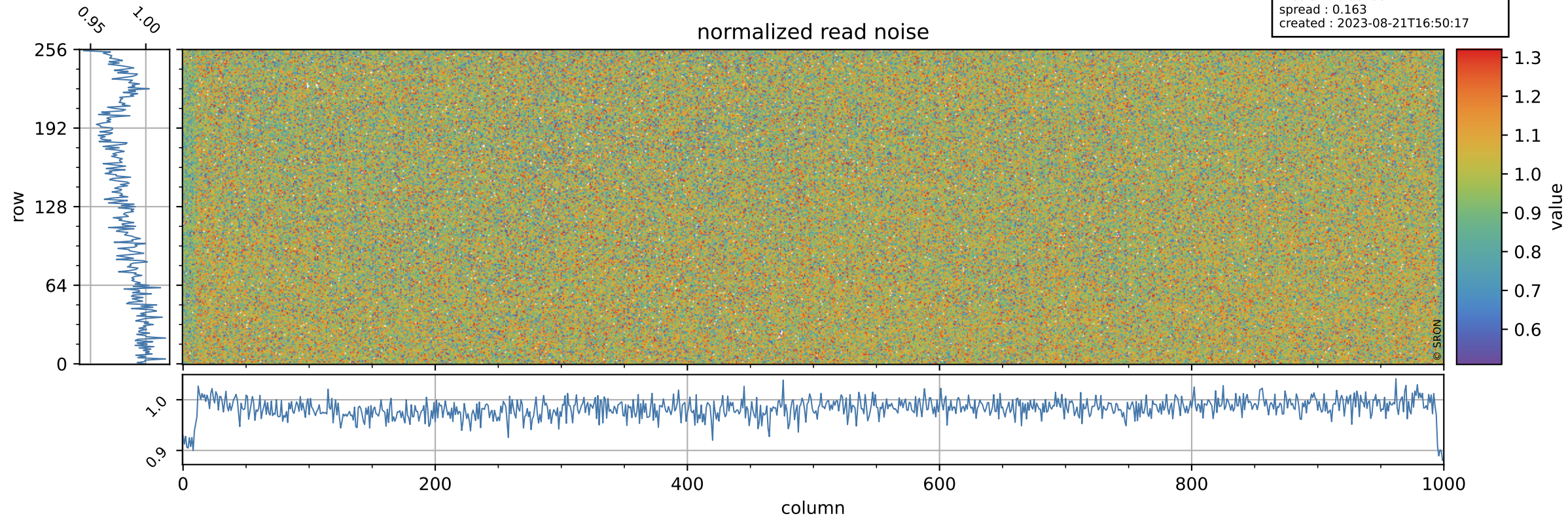
Tropomi SWIR background noise (swir)

orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
median : 1.1306 e
spread : 0.065496 e
created : 2023-08-21T16:50:17



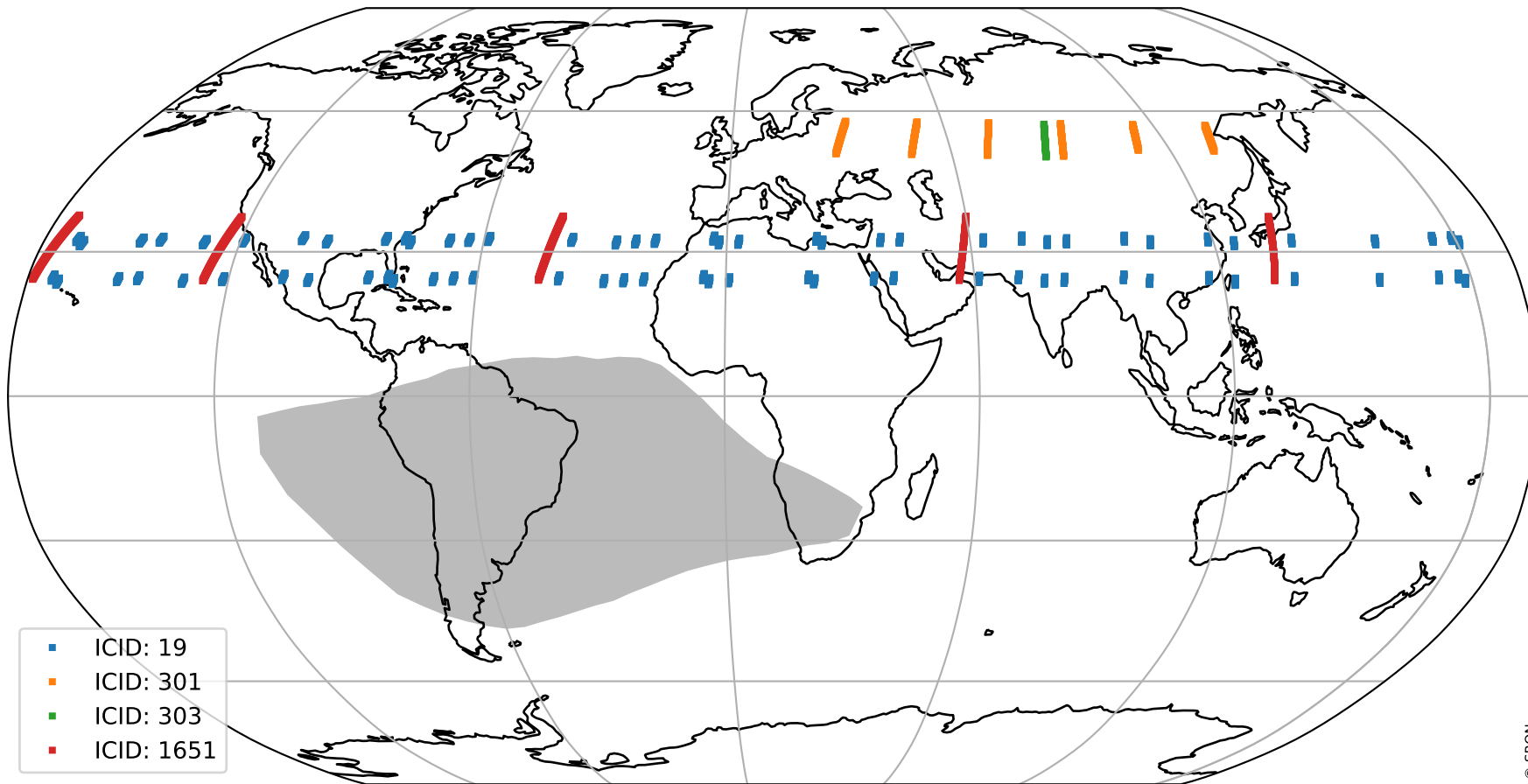
Tropomi SWIR background noise (swir)

orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
median : 0.98153
spread : 0.163
created : 2023-08-21T16:50:17



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

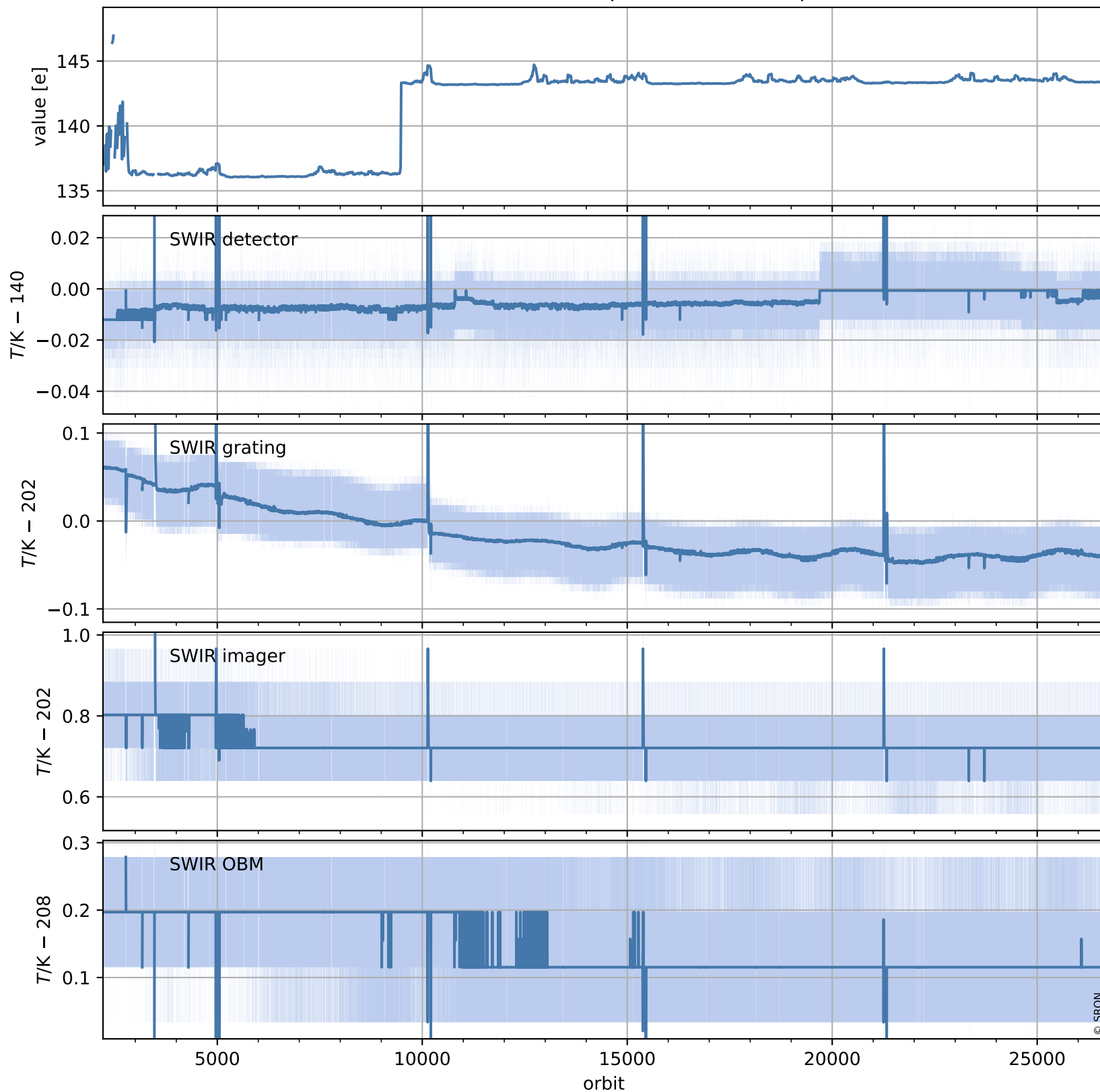
orbits : 12 in [26572, 26647]
coverage : 2022-11-28 / 2022-12-04
created : 2023-08-21T16:50:18



Tropomi SWIR background noise (swir)

orbits : [2212, 26647]
coverage : 2018-03-18 / 2022-12-04
created : 2023-08-21T16:50:18

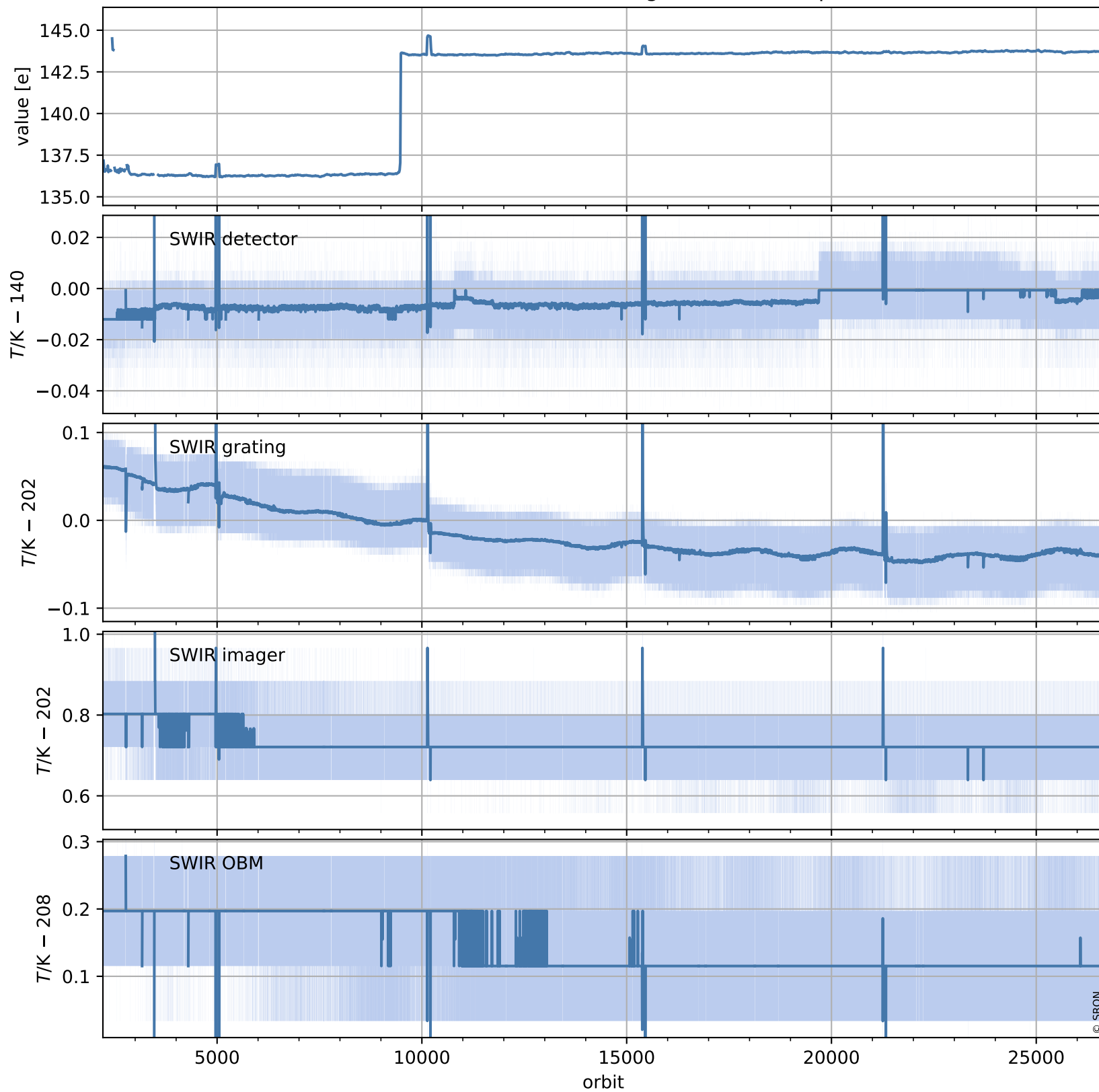
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26647]
coverage : 2018-03-18 / 2022-12-04
created : 2023-08-21T16:50:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26647]
coverage : 2018-03-18 / 2022-12-04
created : 2023-08-21T16:50:20

trend of normalized read-noise & temperatures

