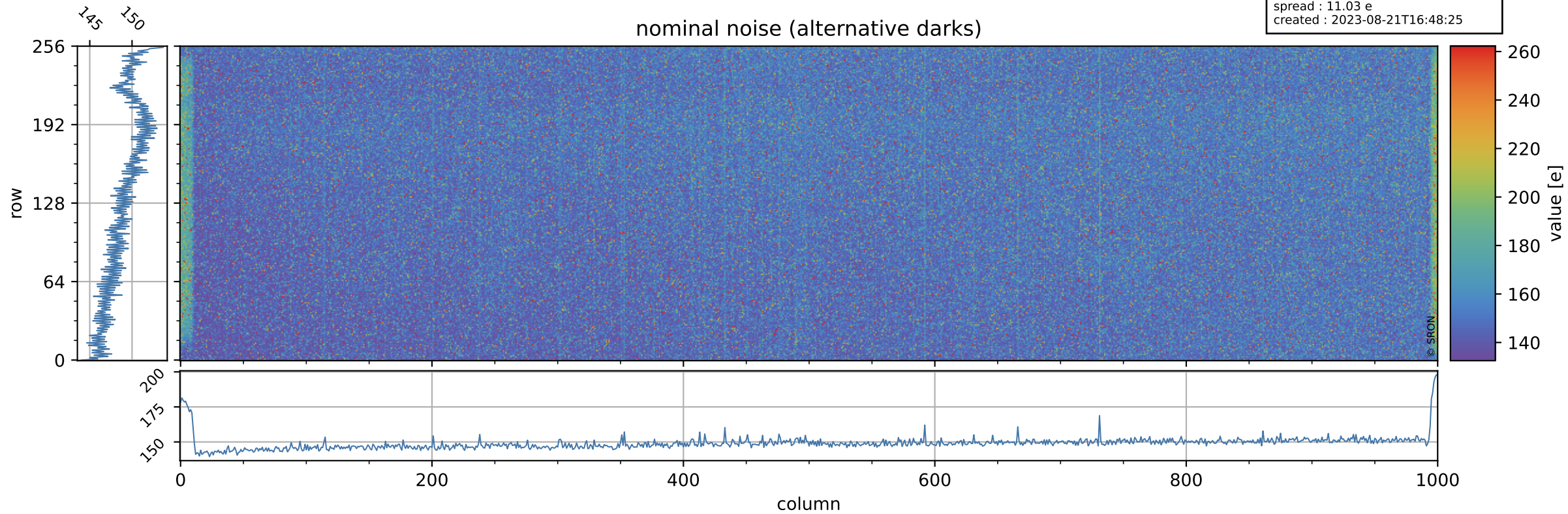


Tropomi SWIR background noise (swir)

orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.03 e
created : 2023-08-21T16:48:25

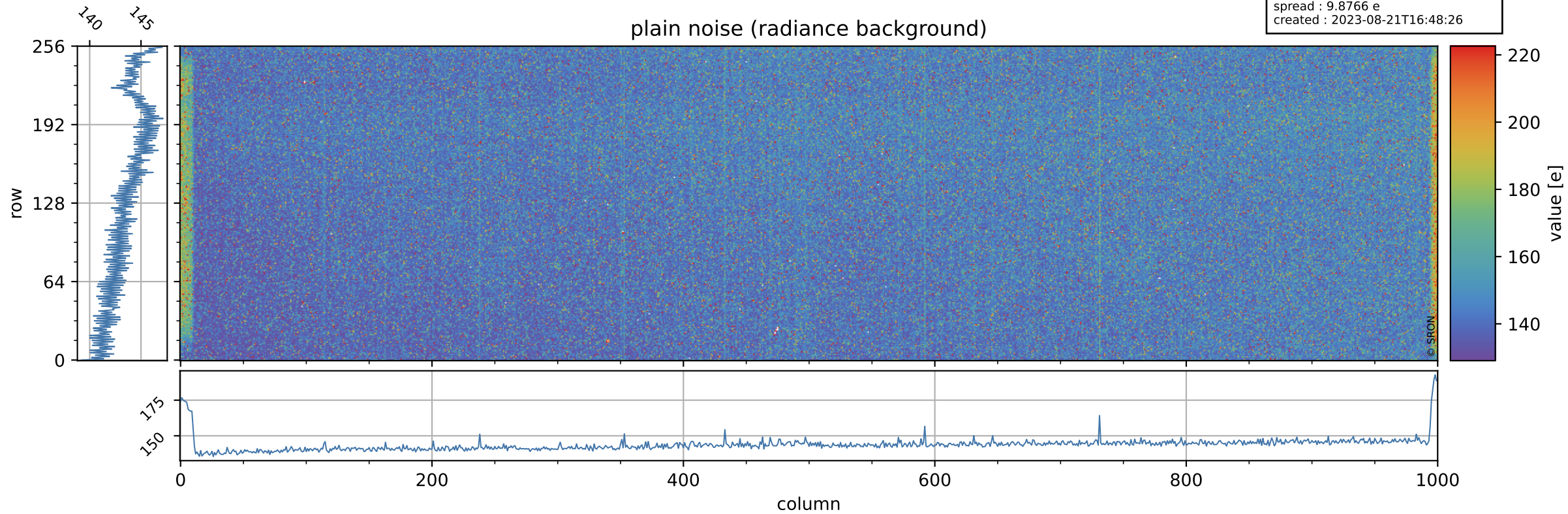
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8766 e
created : 2023-08-21T16:48:26

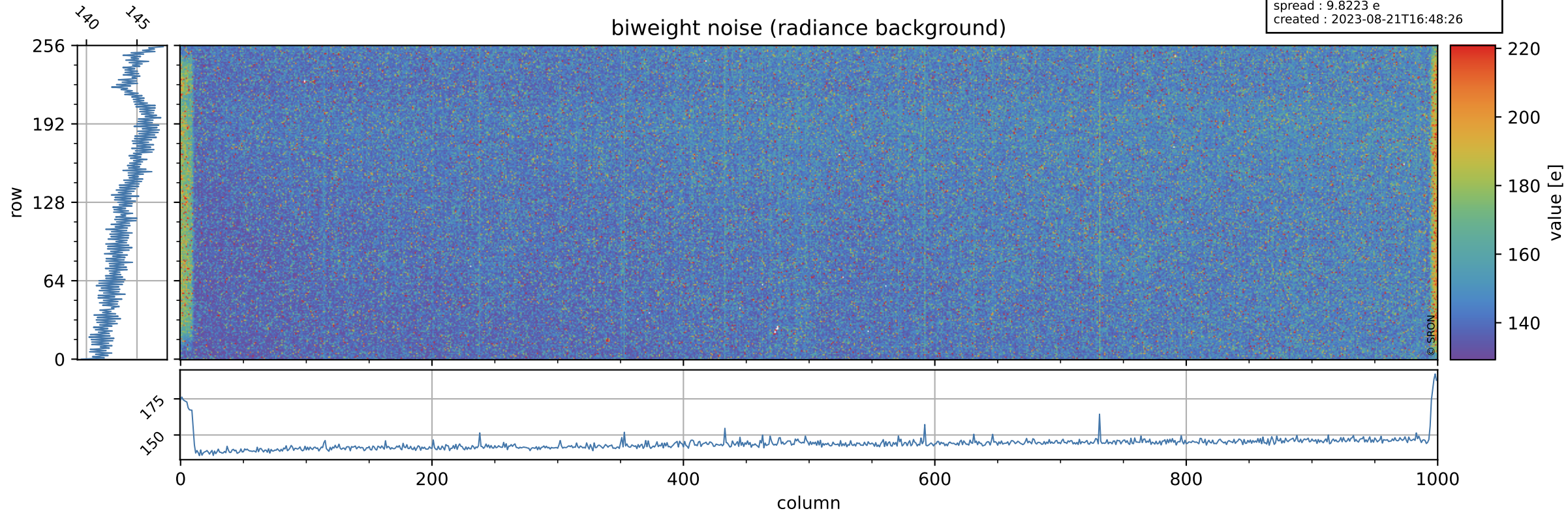
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8223 e
created : 2023-08-21T16:48:26

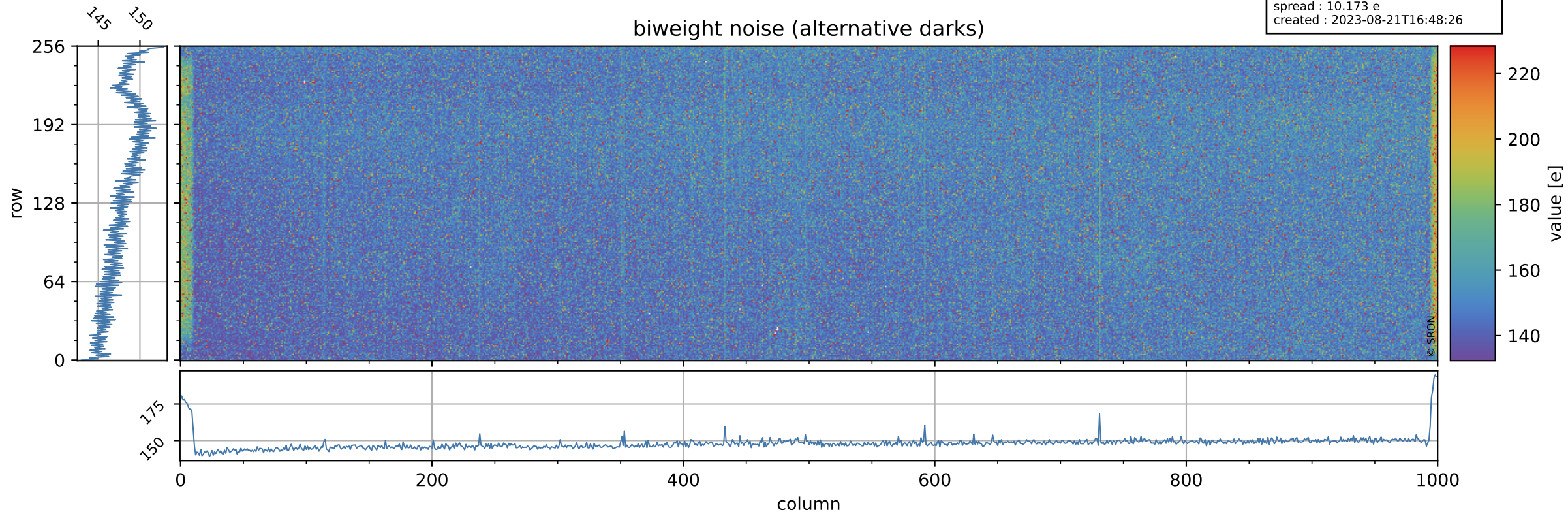
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.173 e
created : 2023-08-21T16:48:26

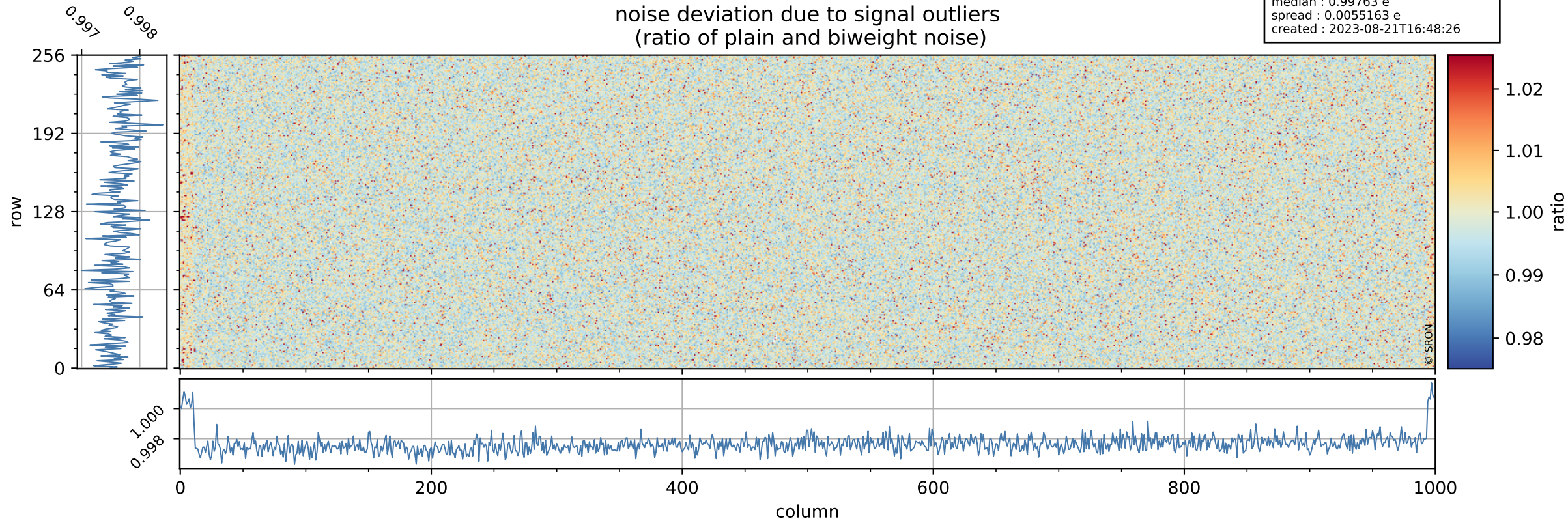
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

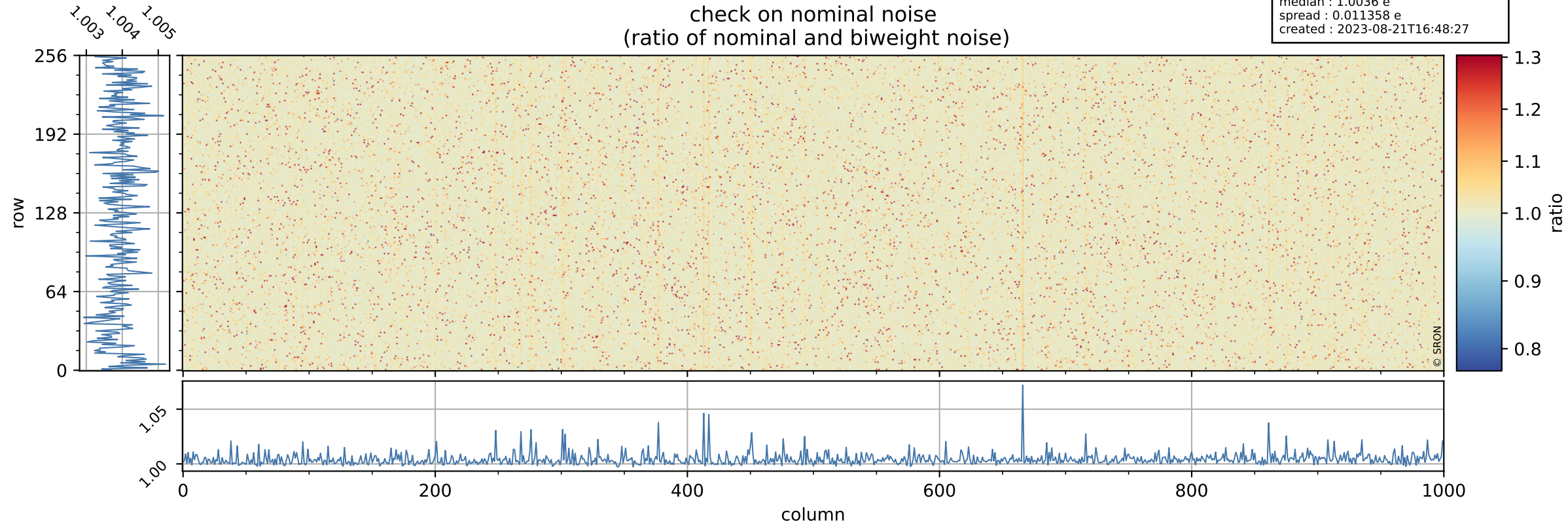
orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
median : 0.99763 e
spread : 0.0055163 e
created : 2023-08-21T16:48:26



Tropomi SWIR background noise (swir)

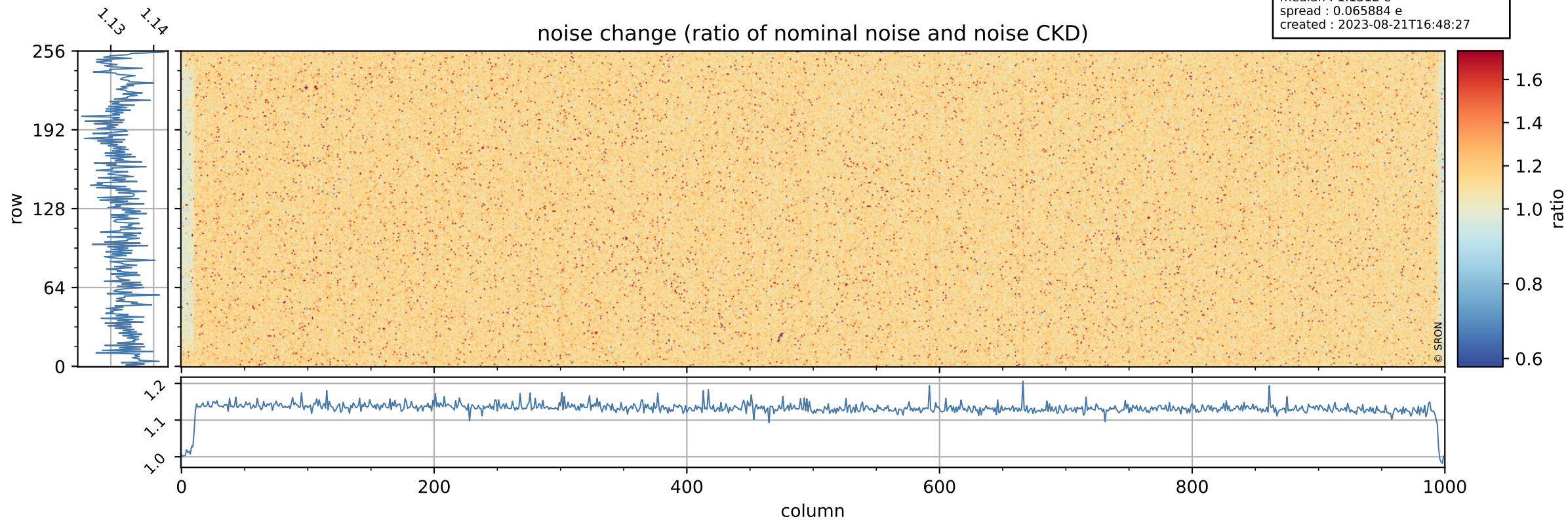
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
median : 1.0036 e
spread : 0.011358 e
created : 2023-08-21T16:48:27



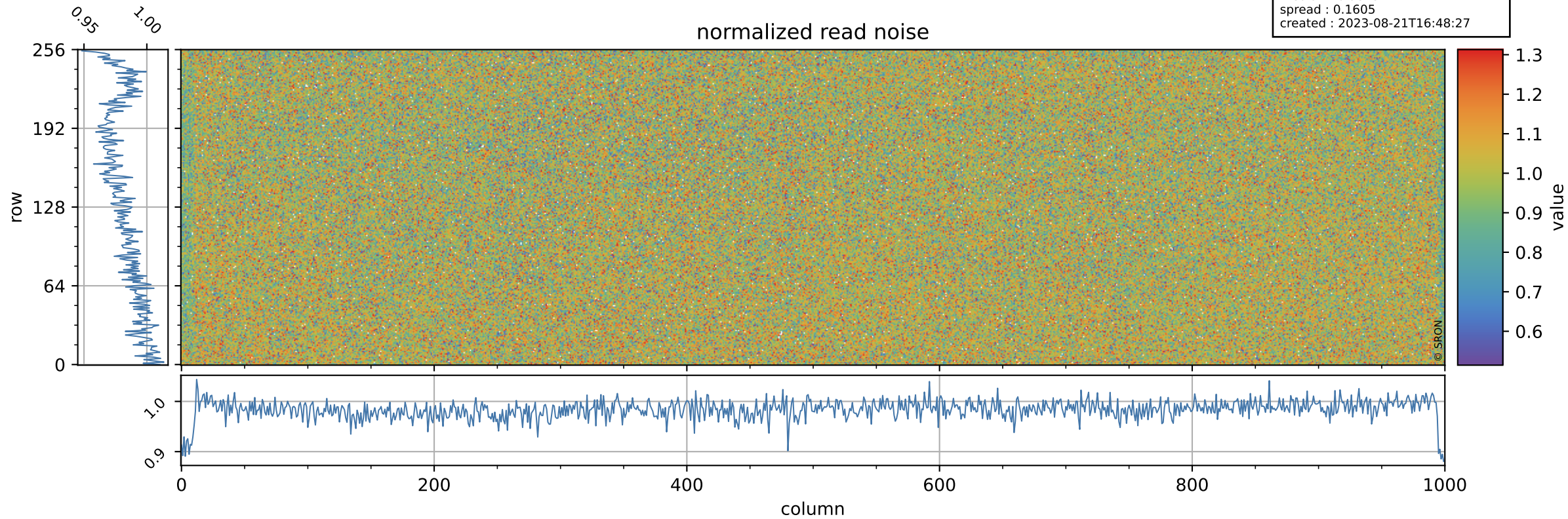
Tropomi SWIR background noise (swir)

orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
median : 1.1312 e
spread : 0.065884 e
created : 2023-08-21T16:48:27



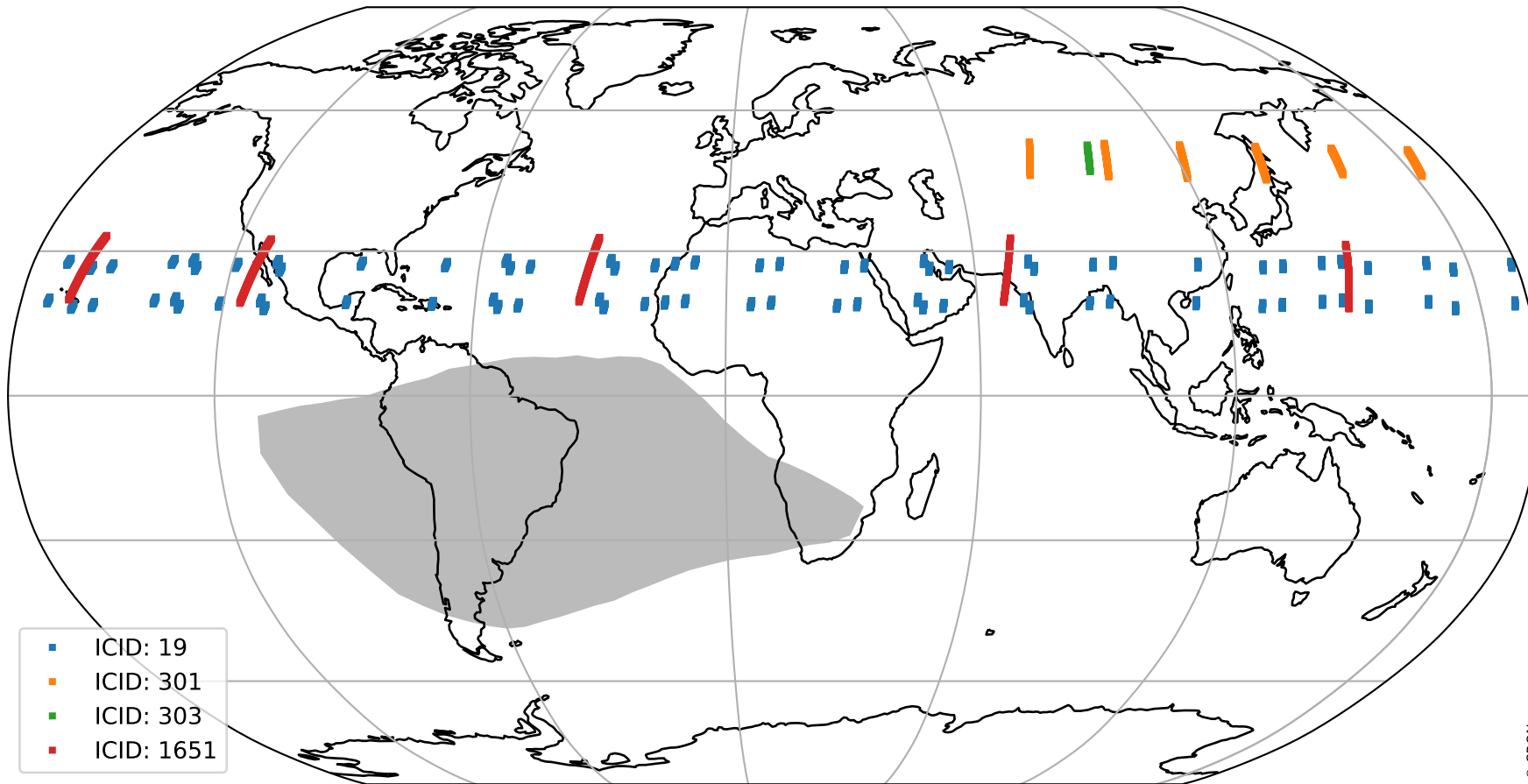
Tropomi SWIR background noise (swir)

orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
median : 0.98237
spread : 0.1605
created : 2023-08-21T16:48:27



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

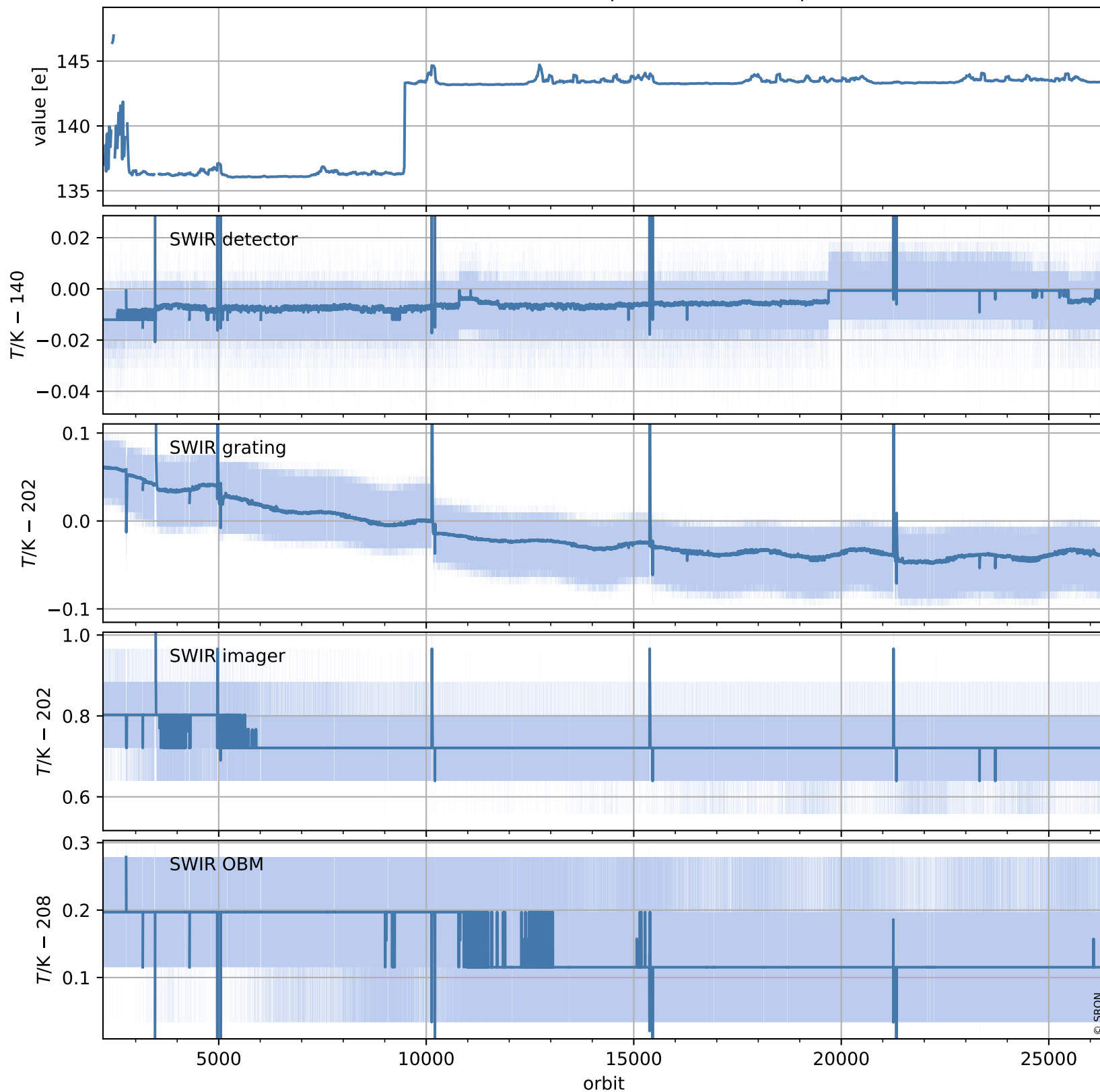
orbits : 12 in [26257, 26347]
coverage : 2022-11-07 / 2022-11-13
created : 2023-08-21T16:48:28



Tropomi SWIR background noise (swir)

orbits : [2212, 26347]
coverage : 2018-03-18 / 2022-11-13
created : 2023-08-21T16:48:28

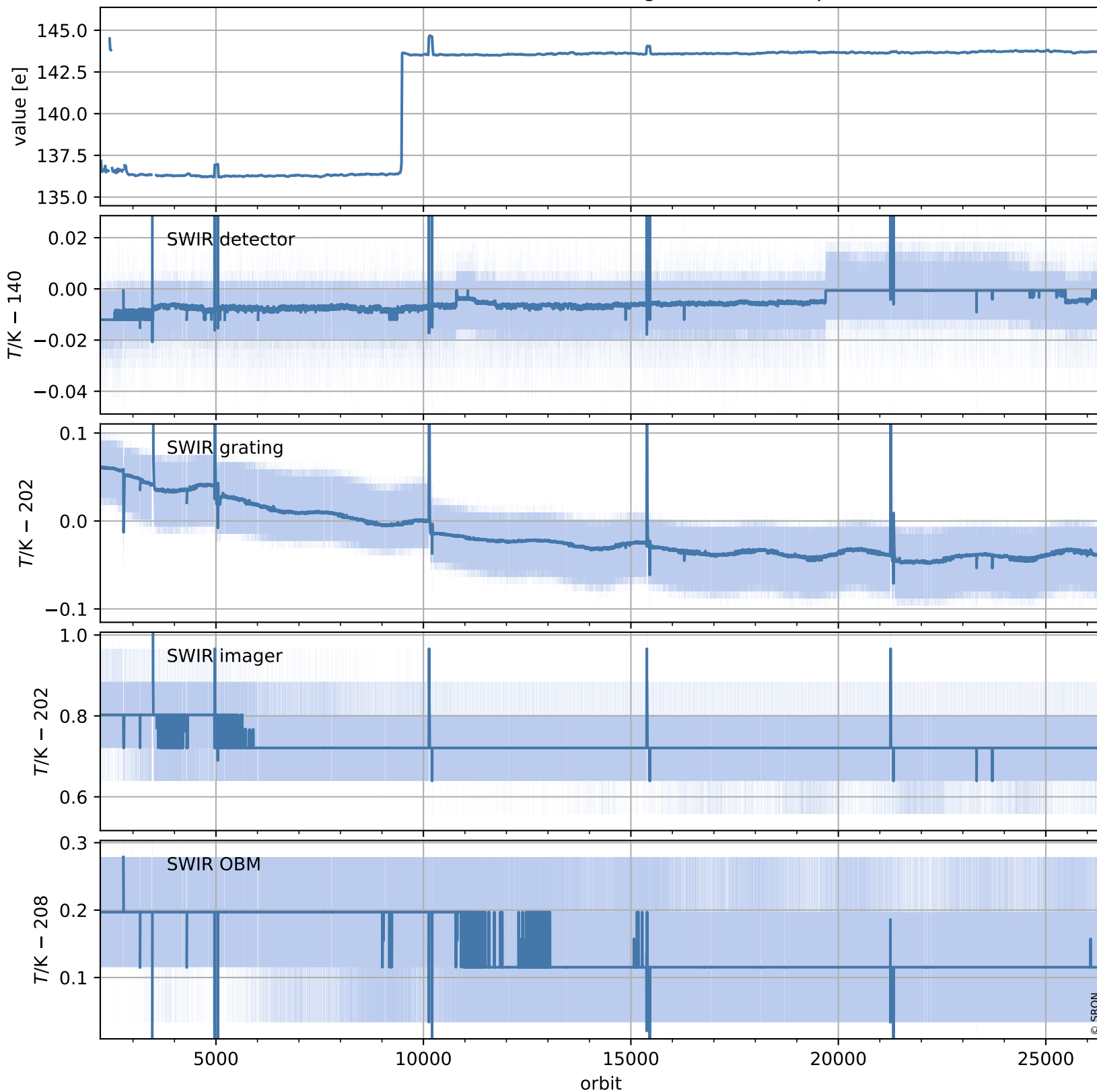
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26347]
coverage : 2018-03-18 / 2022-11-13
created : 2023-08-21T16:48:29

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26347]
coverage : 2018-03-18 / 2022-11-13
created : 2023-08-21T16:48:30

trend of normalized read-noise & temperatures

