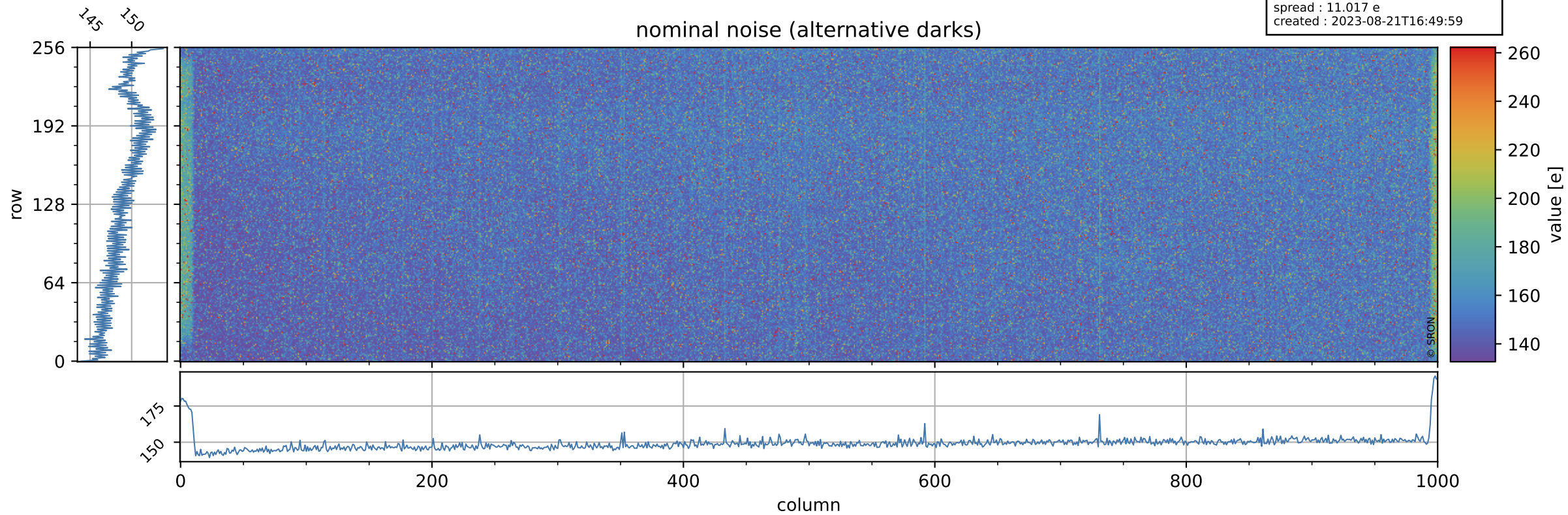


Tropomi SWIR background noise (swir)

orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.017 e
created : 2023-08-21T16:49:59

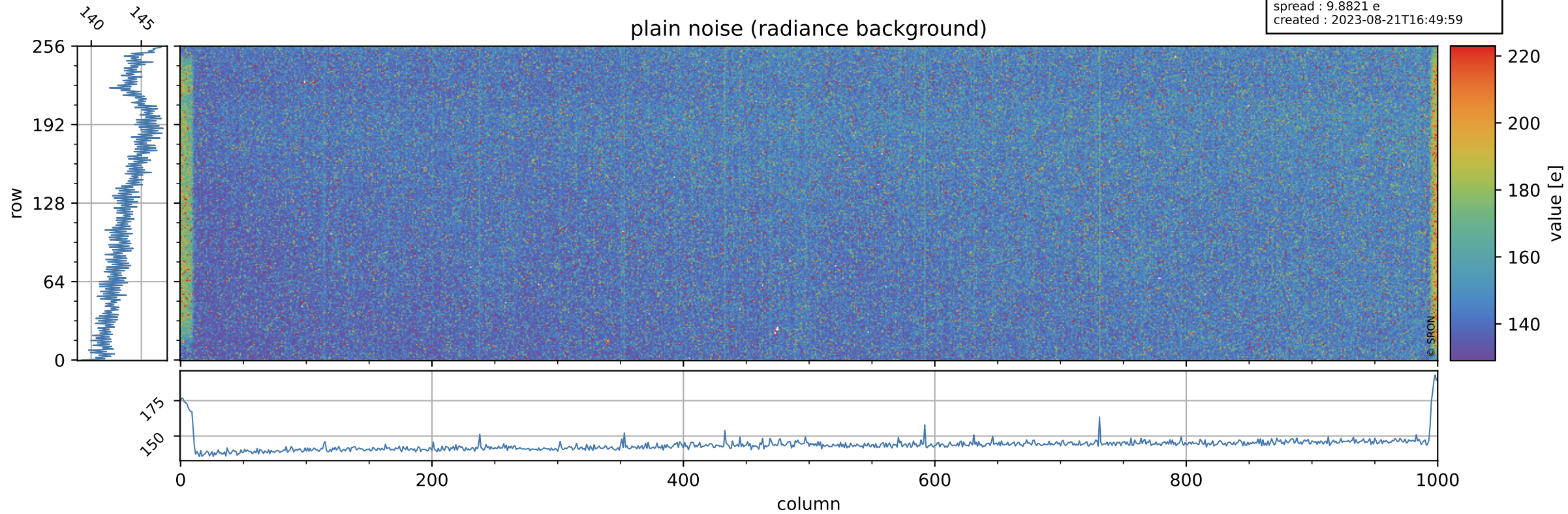
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8821 e
created : 2023-08-21T16:49:59

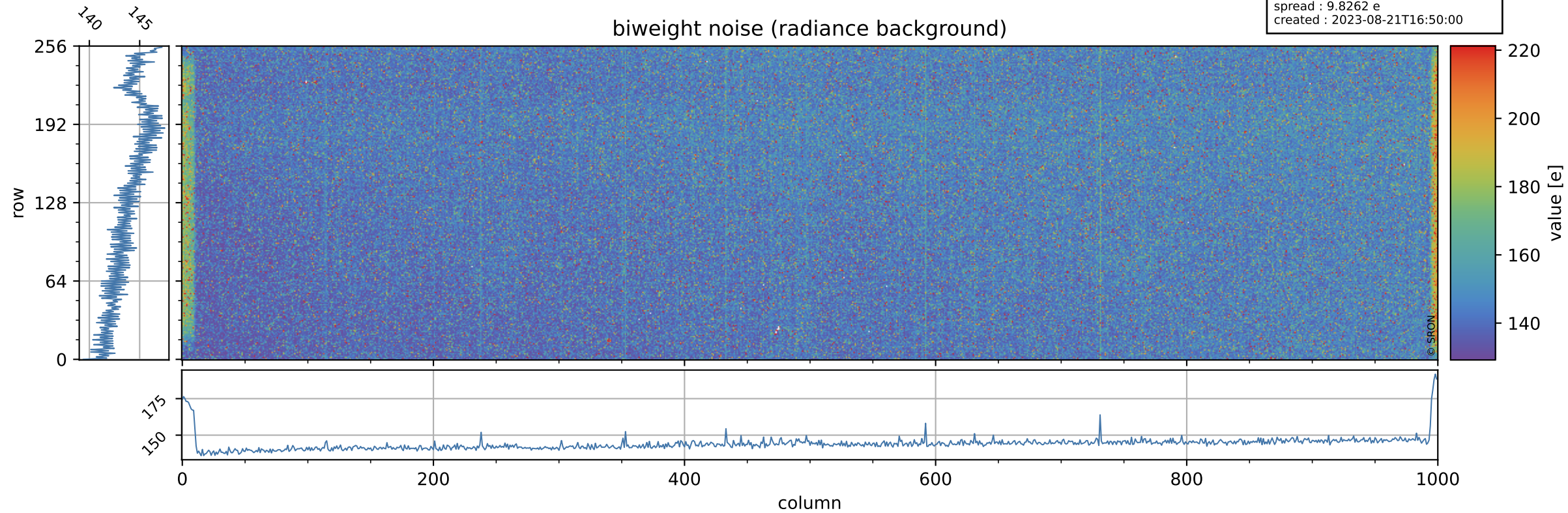
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8262 e
created : 2023-08-21T16:50:00

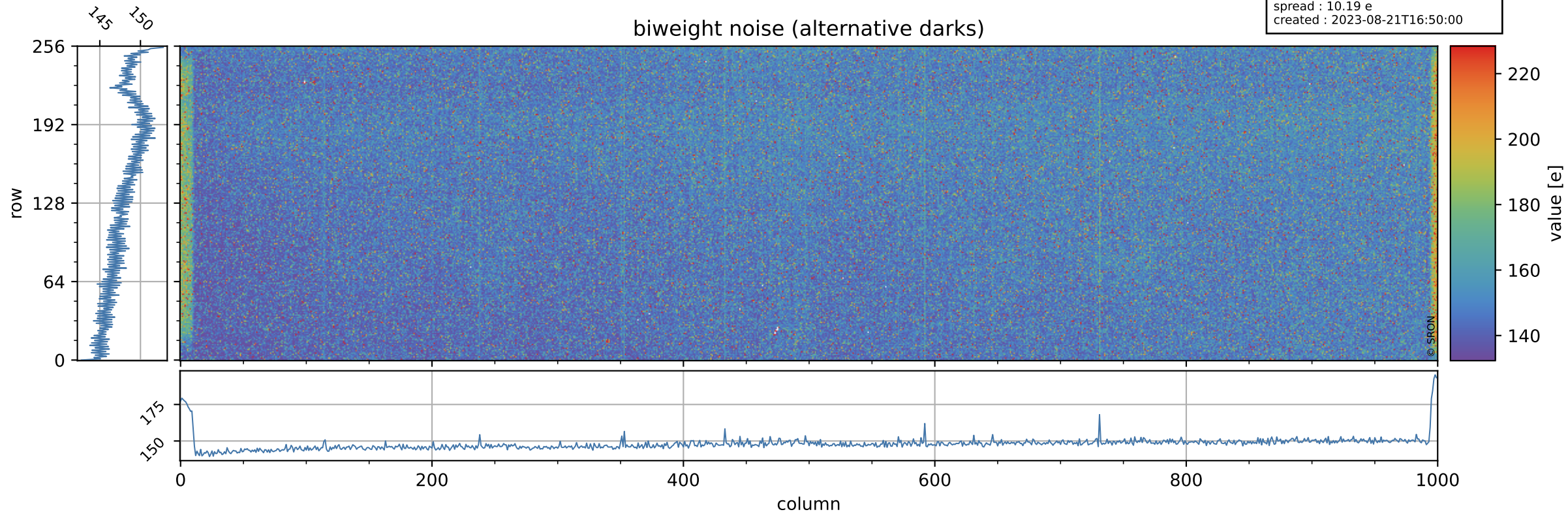
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.19 e
created : 2023-08-21T16:50:00

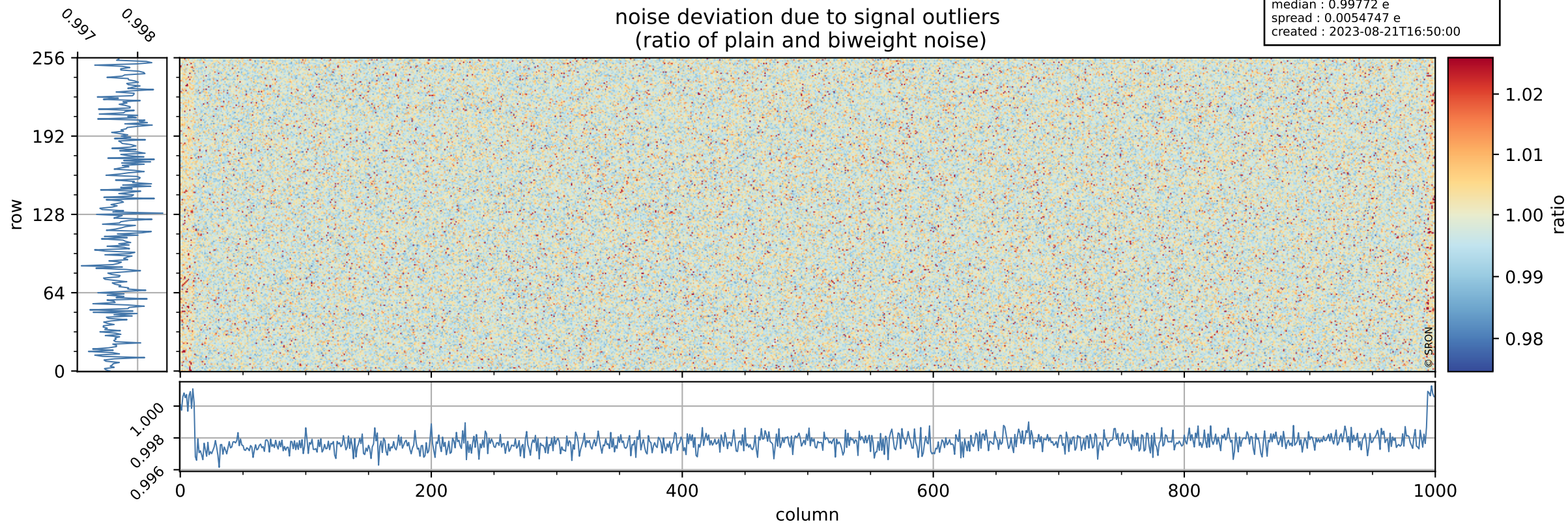
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

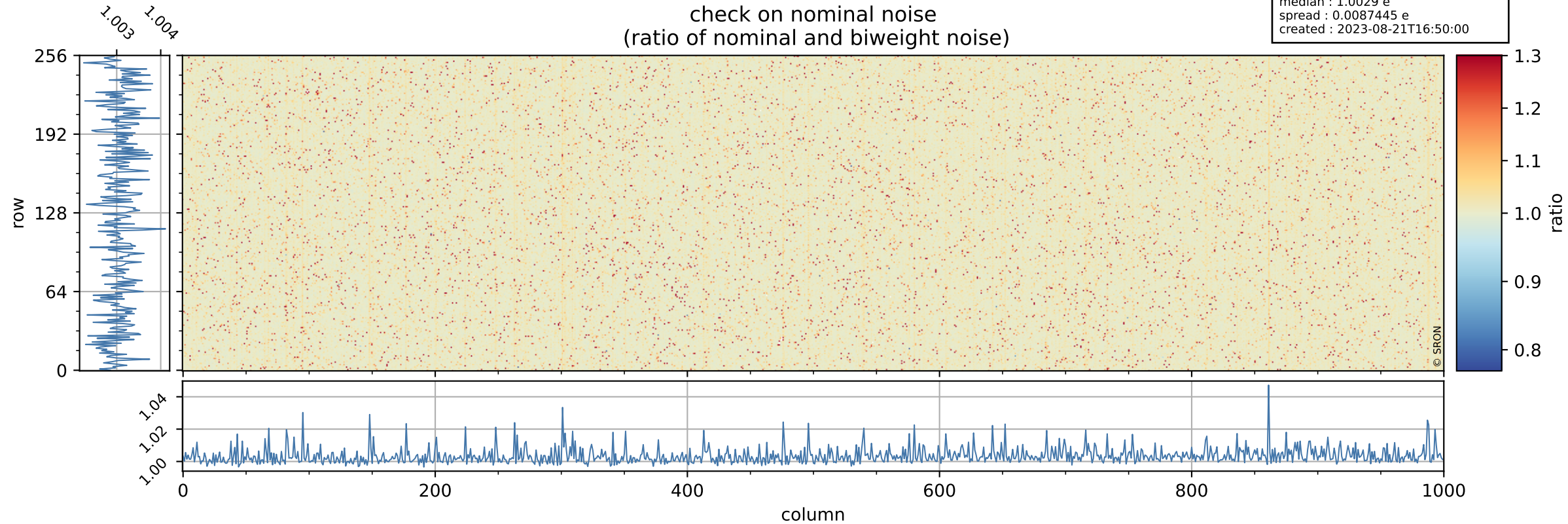
orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
median : 0.99772 e
spread : 0.0054747 e
created : 2023-08-21T16:50:00



Tropomi SWIR background noise (swir)

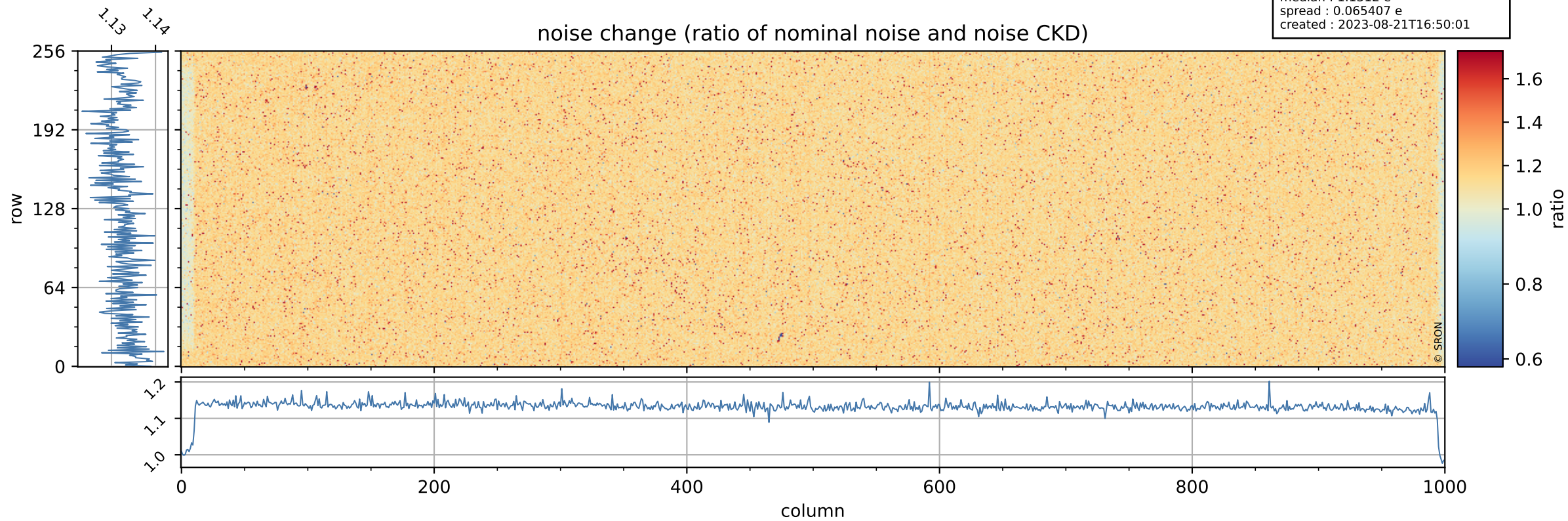
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
median : 1.0029 e
spread : 0.0087445 e
created : 2023-08-21T16:50:00



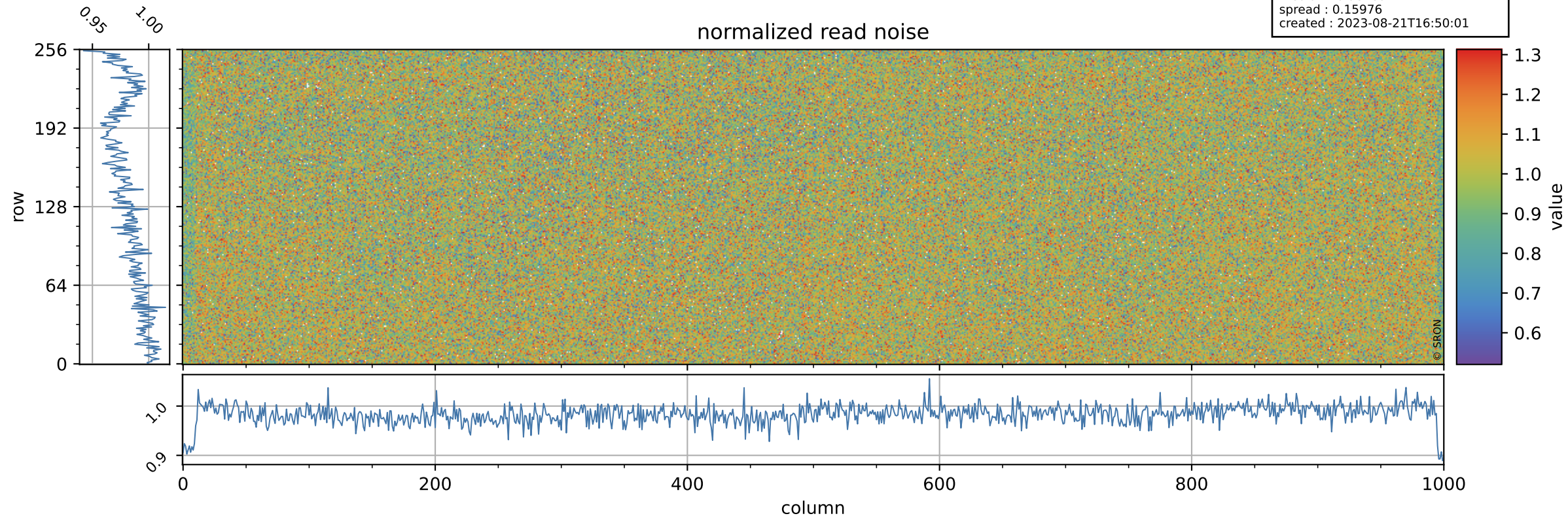
Tropomi SWIR background noise (swir)

orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
median : 1.1312 e
spread : 0.065407 e
created : 2023-08-21T16:50:01



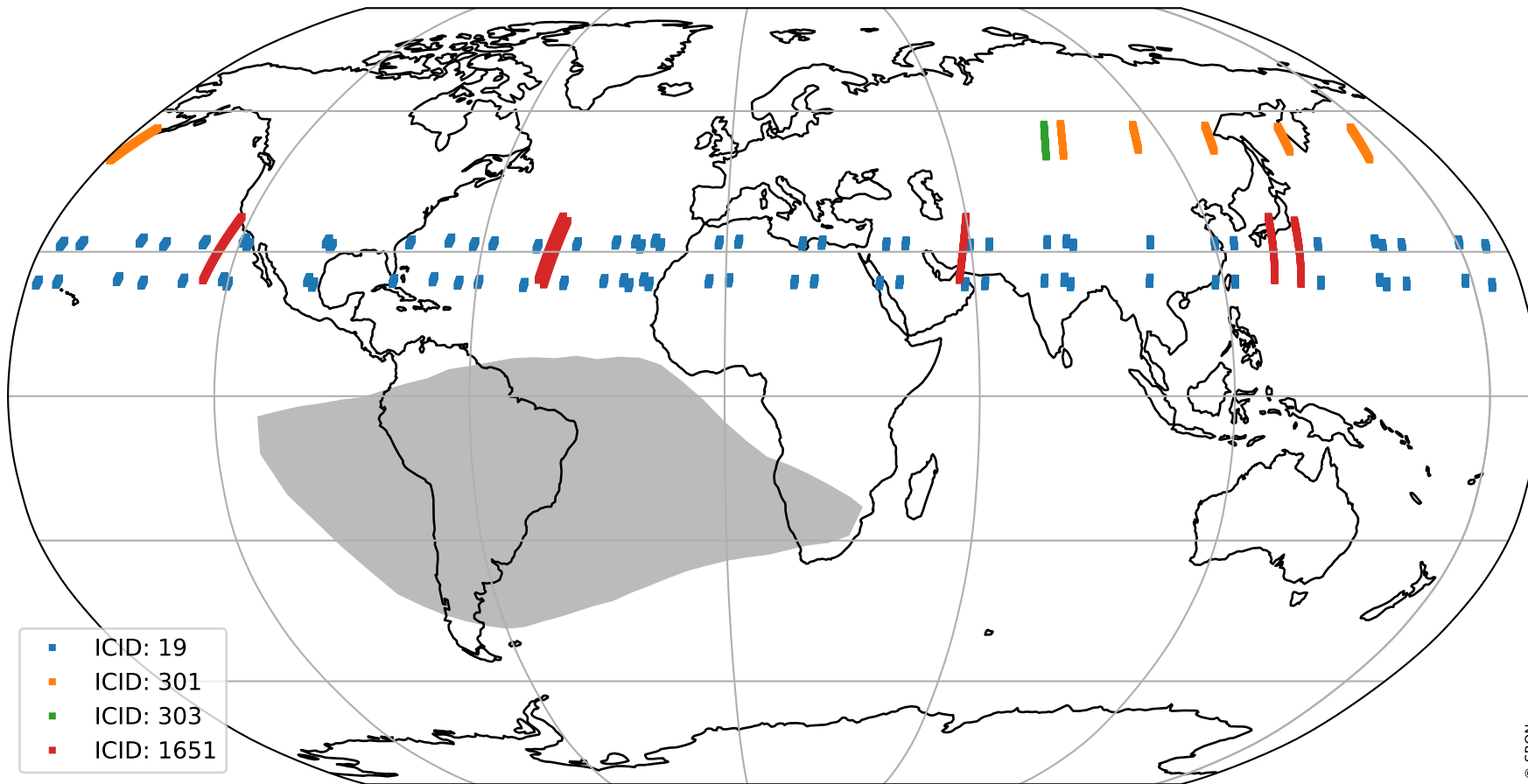
Tropomi SWIR background noise (swir)

orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
median : 0.98189
spread : 0.15976
created : 2023-08-21T16:50:01



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

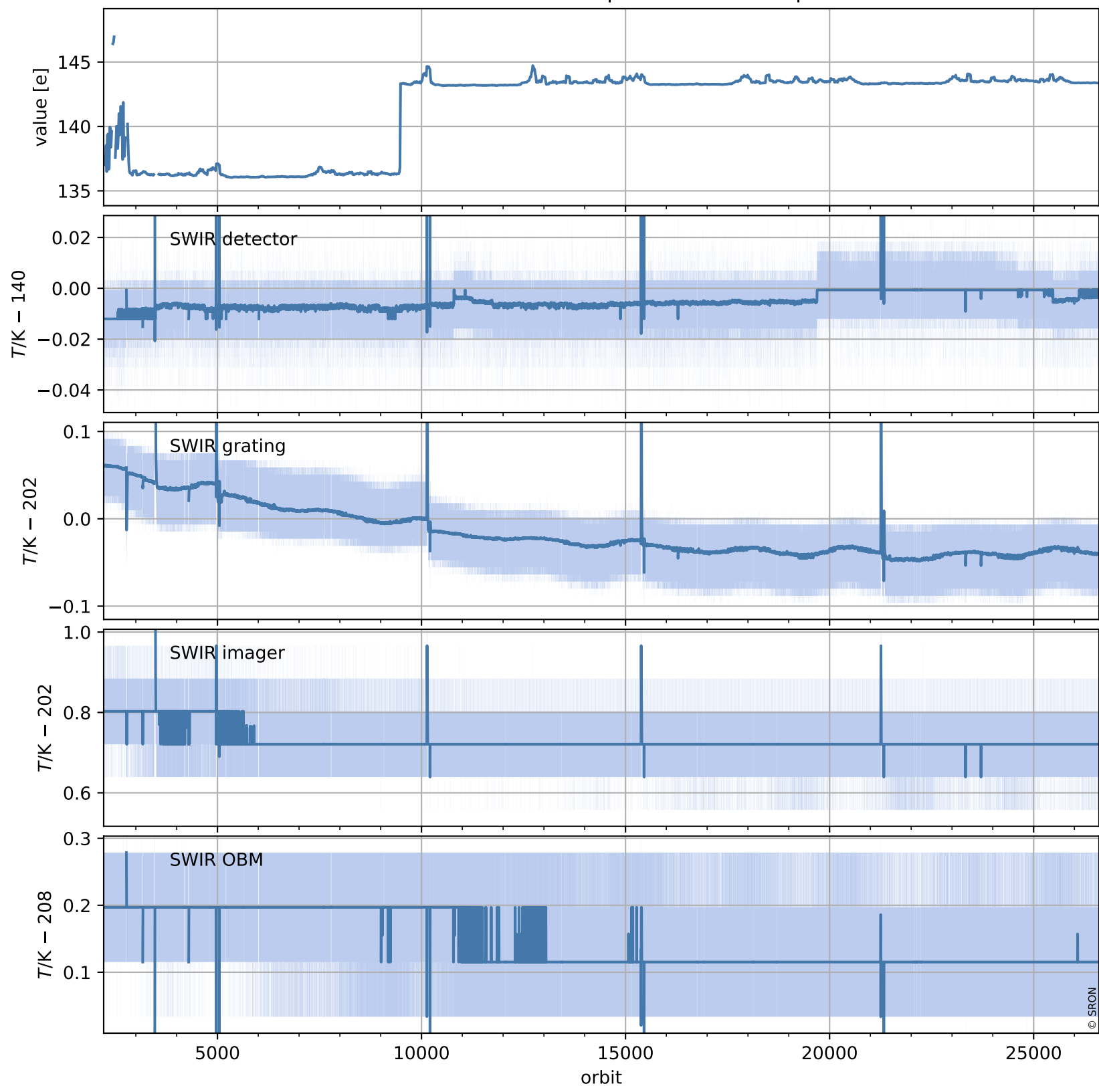
orbits : 13 in [26512, 26602]
coverage : 2022-11-25 / 2022-12-01
created : 2023-08-21T16:50:01



Tropomi SWIR background noise (swir)

orbits : [2212, 26602]
coverage : 2018-03-18 / 2022-12-01
created : 2023-08-21T16:50:02

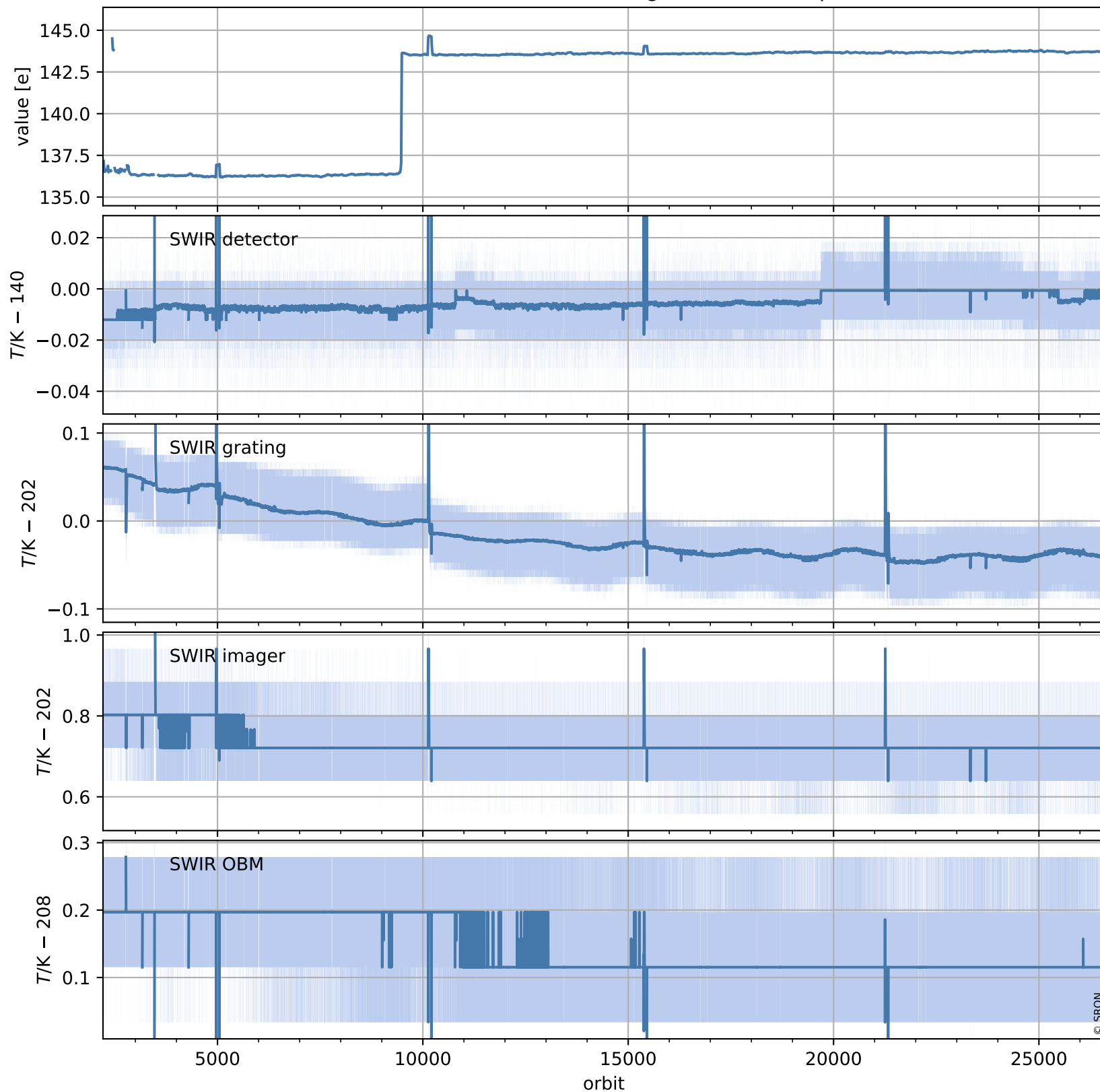
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26602]
coverage : 2018-03-18 / 2022-12-01
created : 2023-08-21T16:50:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26602]
coverage : 2018-03-18 / 2022-12-01
created : 2023-08-21T16:50:03

trend of normalized read-noise & temperatures

