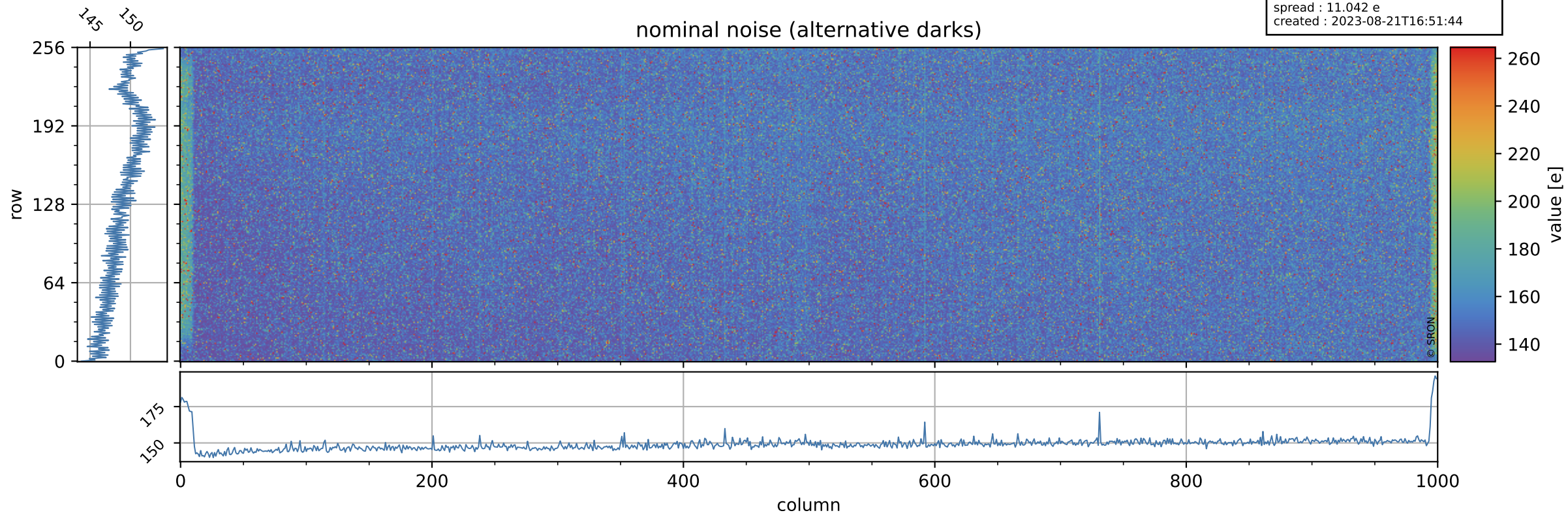


Tropomi SWIR background noise (swir)

orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
n_coad, t_exp : 1, 1.0783
median : 148.91 e
spread : 11.042 e
created : 2023-08-21T16:51:44

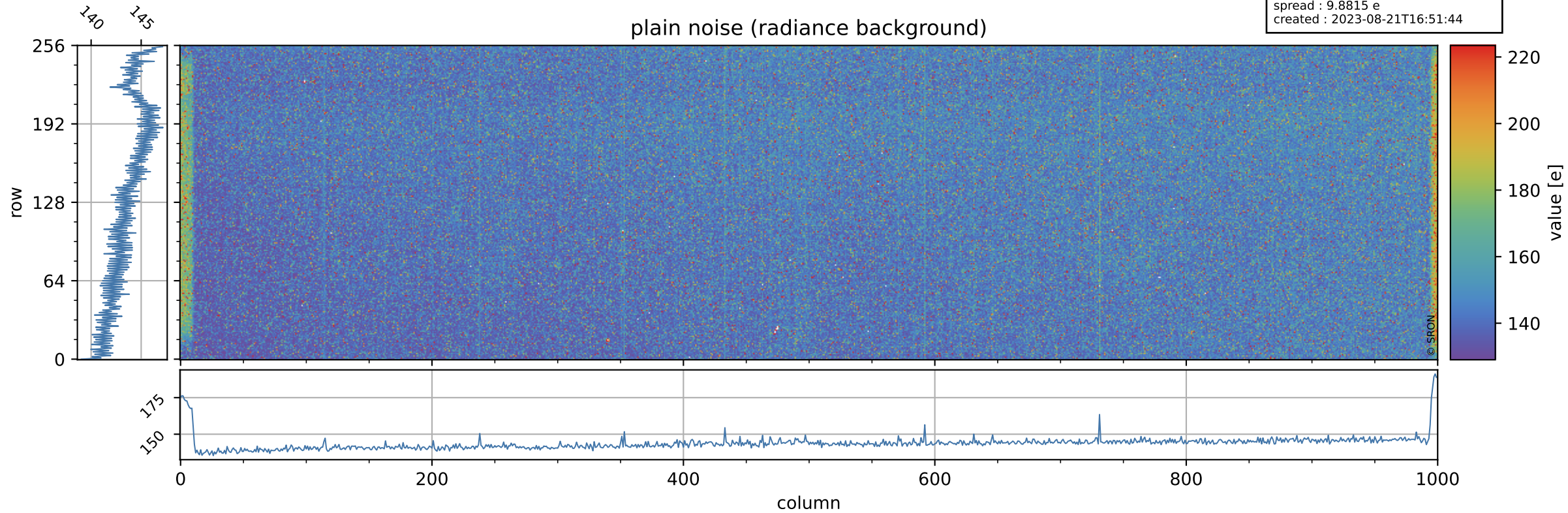
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8815 e
created : 2023-08-21T16:51:44

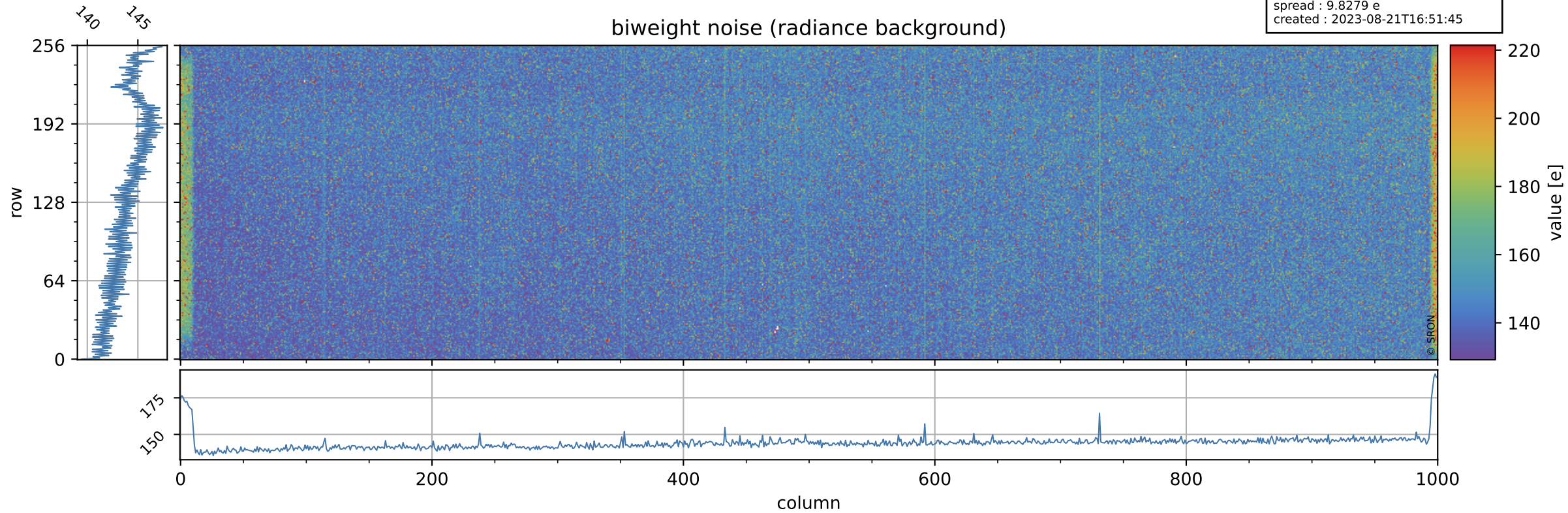
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8279 e
created : 2023-08-21T16:51:45

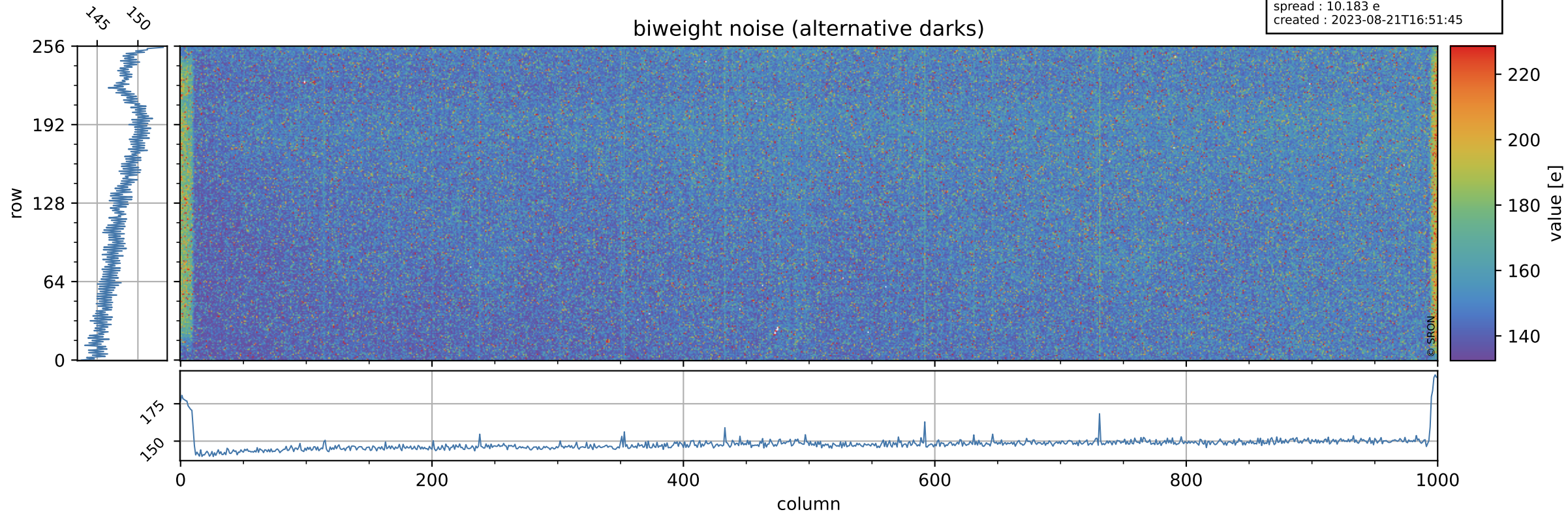
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.183 e
created : 2023-08-21T16:51:45

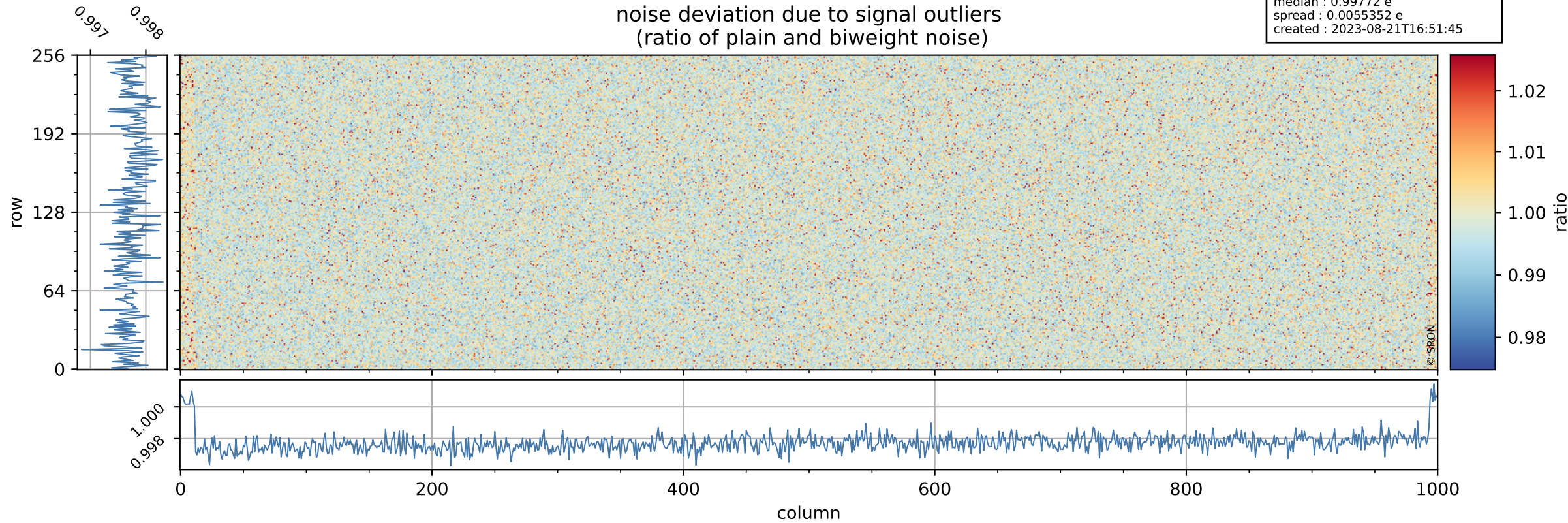
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

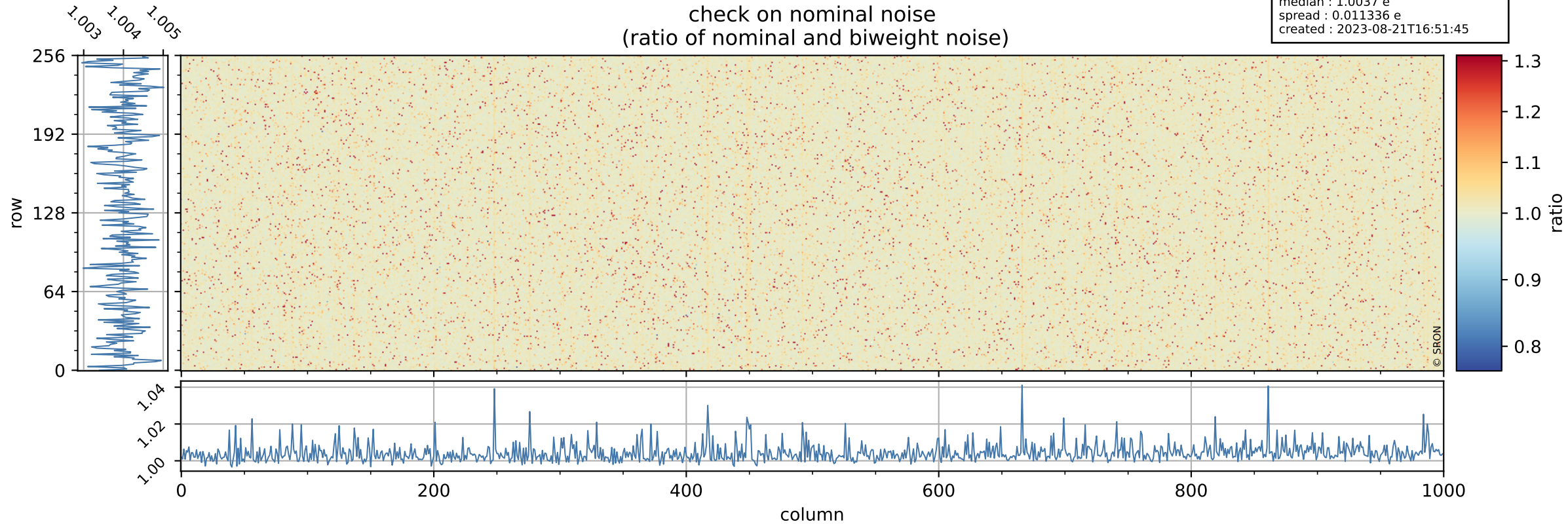
orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
median : 0.99772 e
spread : 0.0055352 e
created : 2023-08-21T16:51:45



Tropomi SWIR background noise (swir)

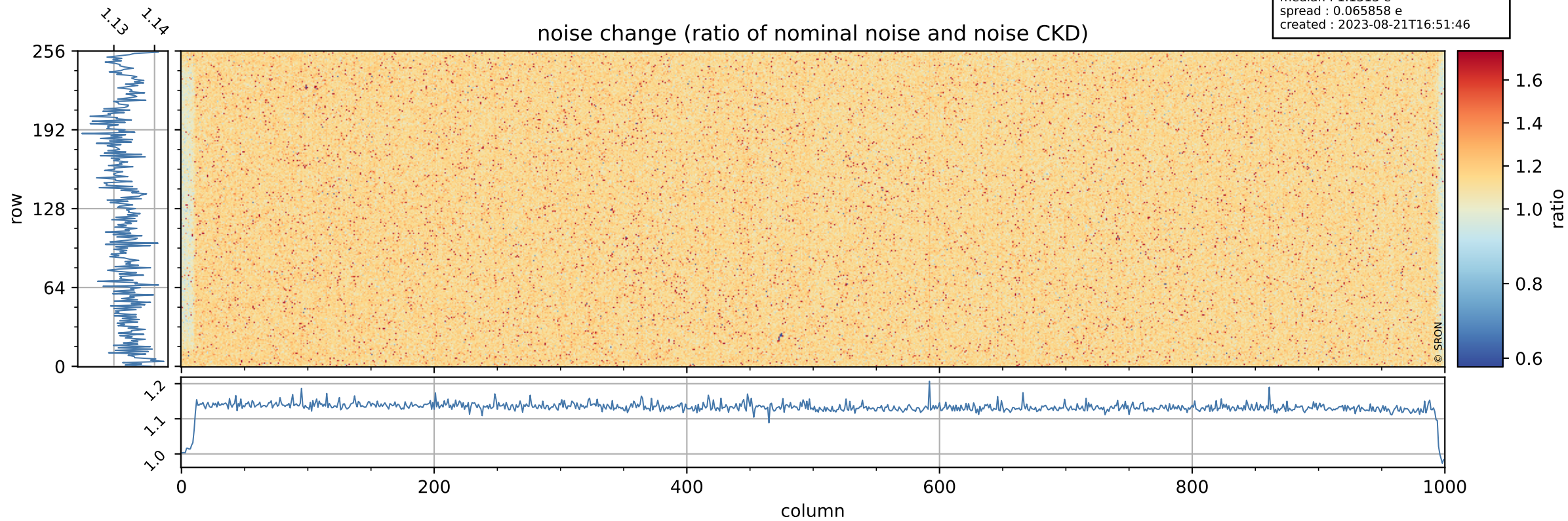
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
median : 1.0037 e
spread : 0.011336 e
created : 2023-08-21T16:51:45



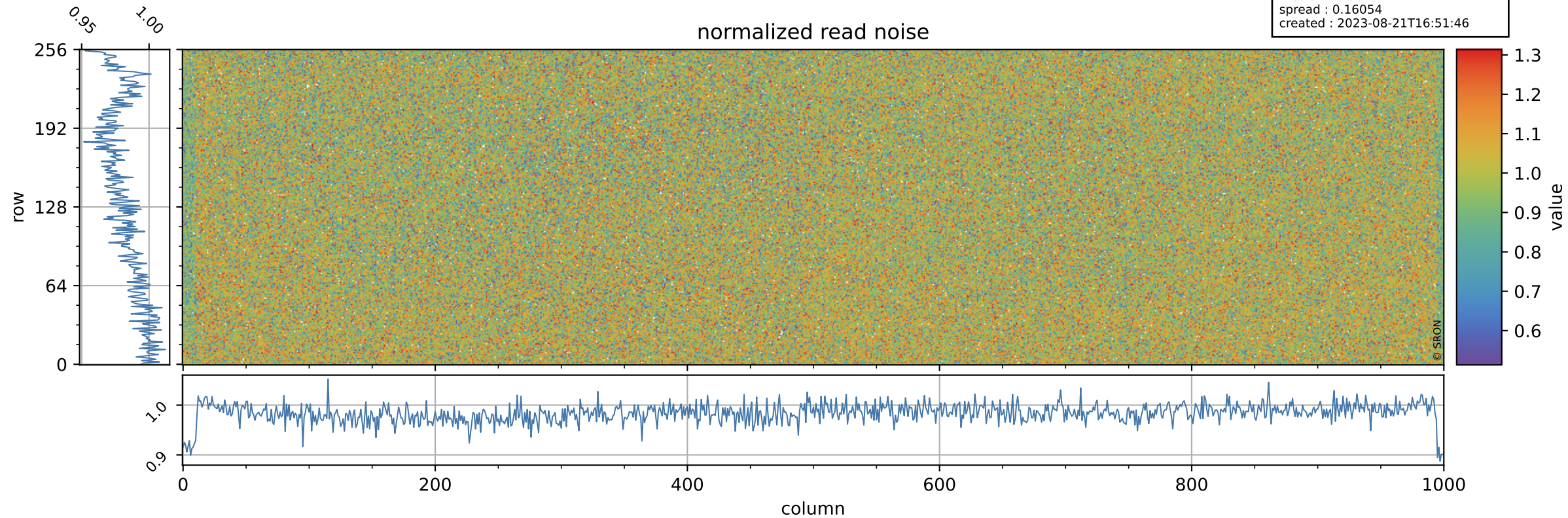
Tropomi SWIR background noise (swir)

orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
median : 1.1313 e
spread : 0.065858 e
created : 2023-08-21T16:51:46



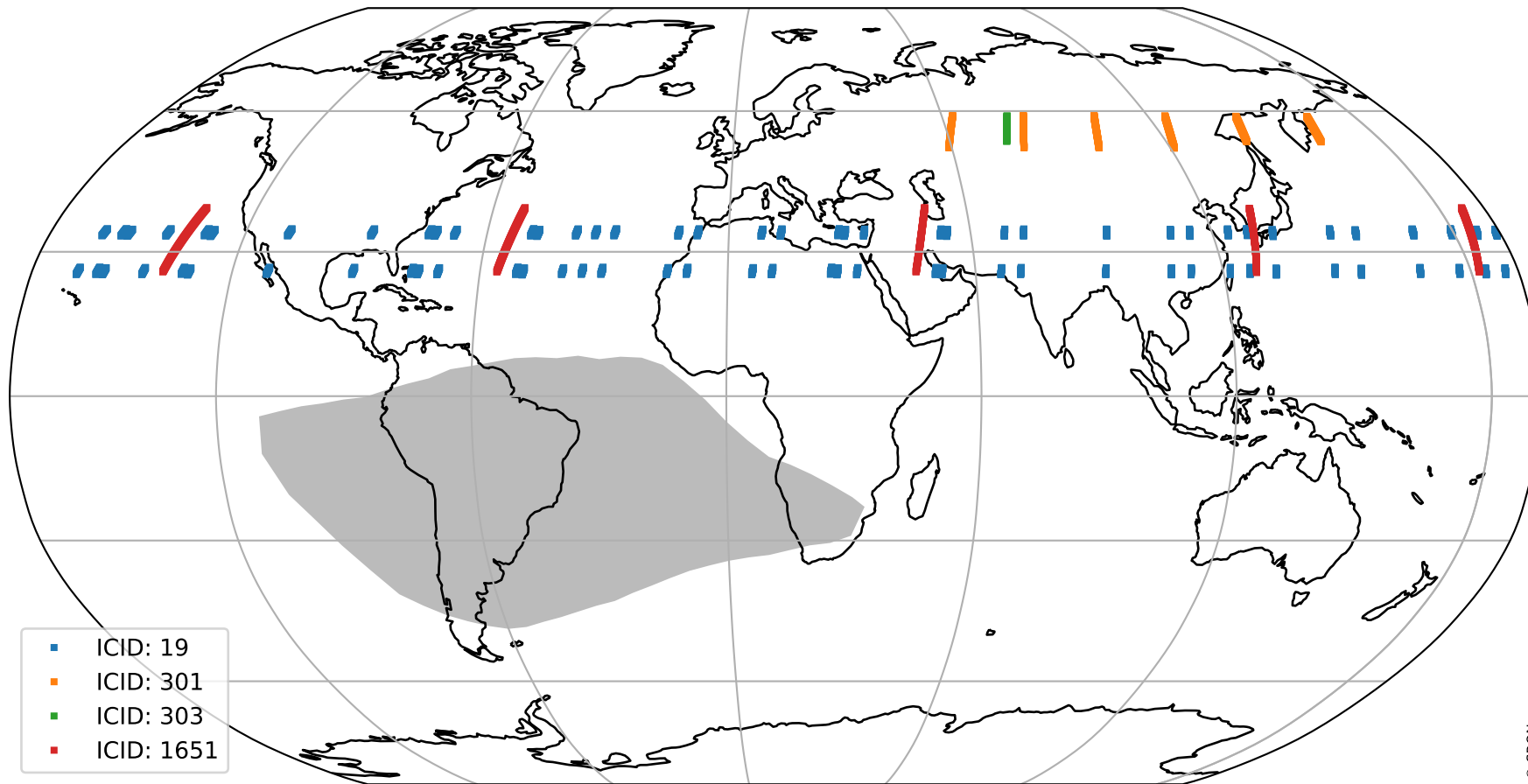
Tropomi SWIR background noise (swir)

orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
median : 0.98222
spread : 0.16054
created : 2023-08-21T16:51:46



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

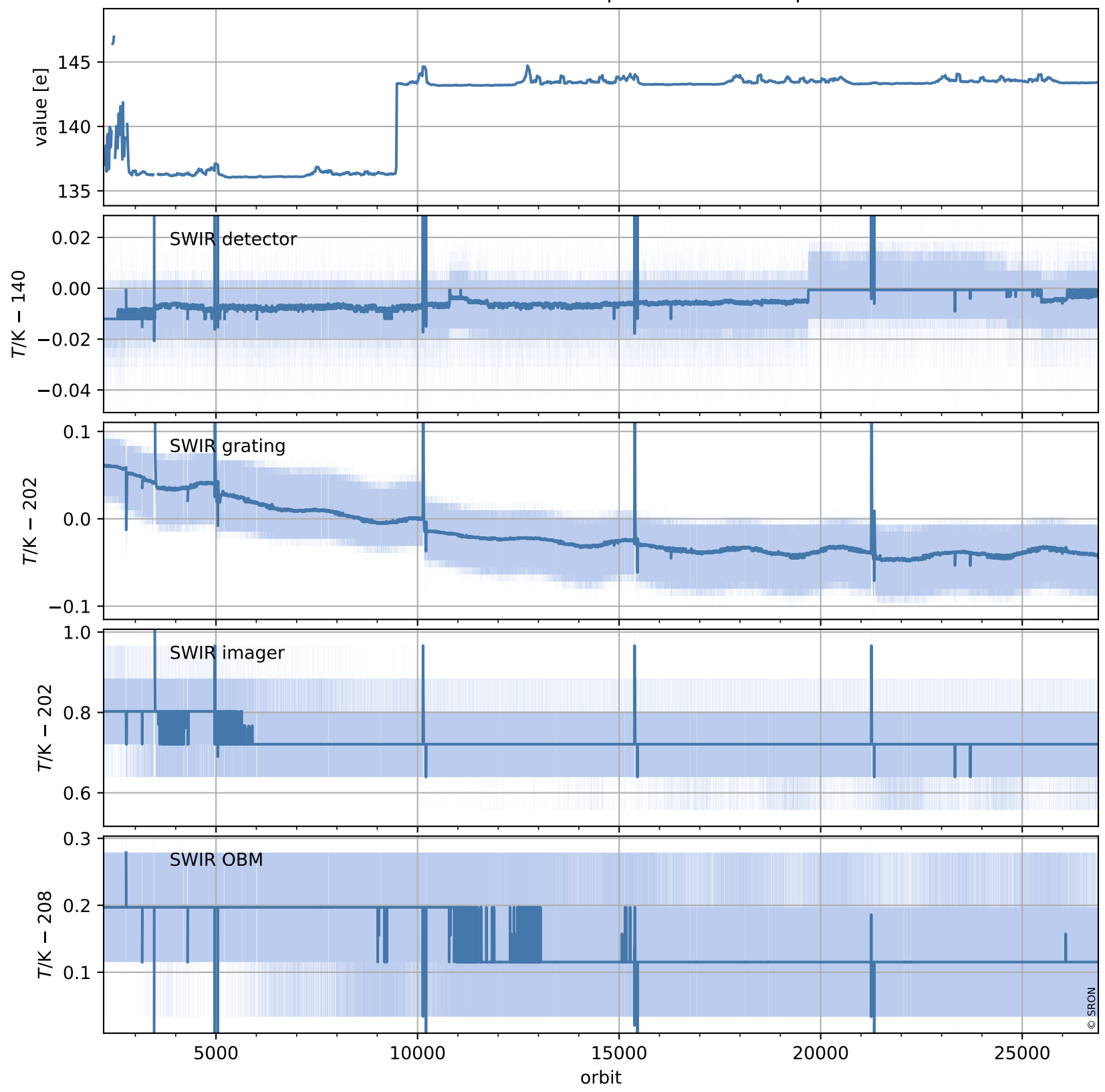
orbits : 12 in [26797, 26887]
coverage : 2022-12-15 / 2022-12-21
created : 2023-08-21T16:51:46



Tropomi SWIR background noise (swir)

orbits : [2212, 26887]
coverage : 2018-03-18 / 2022-12-21
created : 2023-08-21T16:51:46

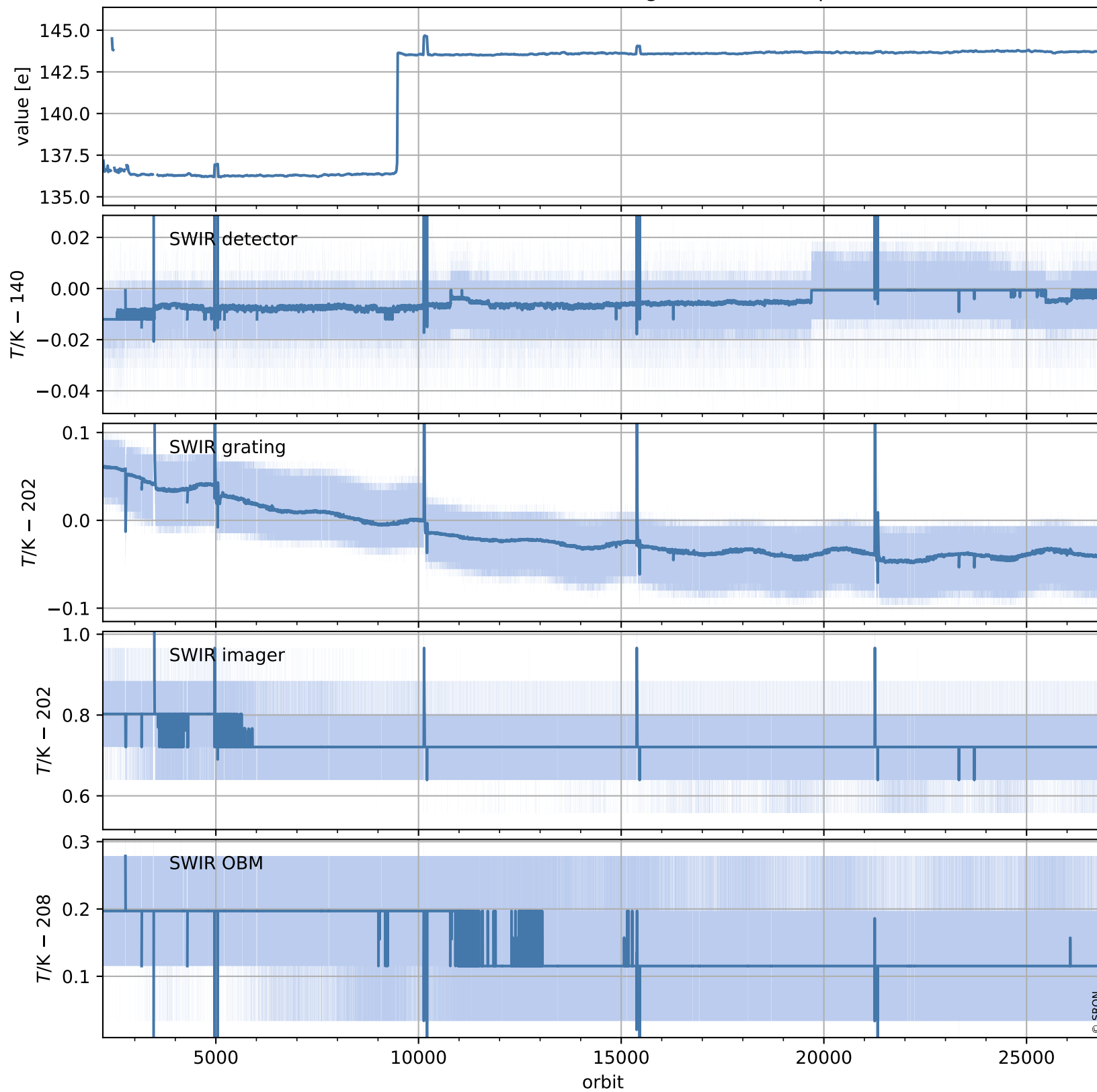
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26887]
coverage : 2018-03-18 / 2022-12-21
created : 2023-08-21T16:51:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26887]
coverage : 2018-03-18 / 2022-12-21
created : 2023-08-21T16:51:48

trend of normalized read-noise & temperatures

