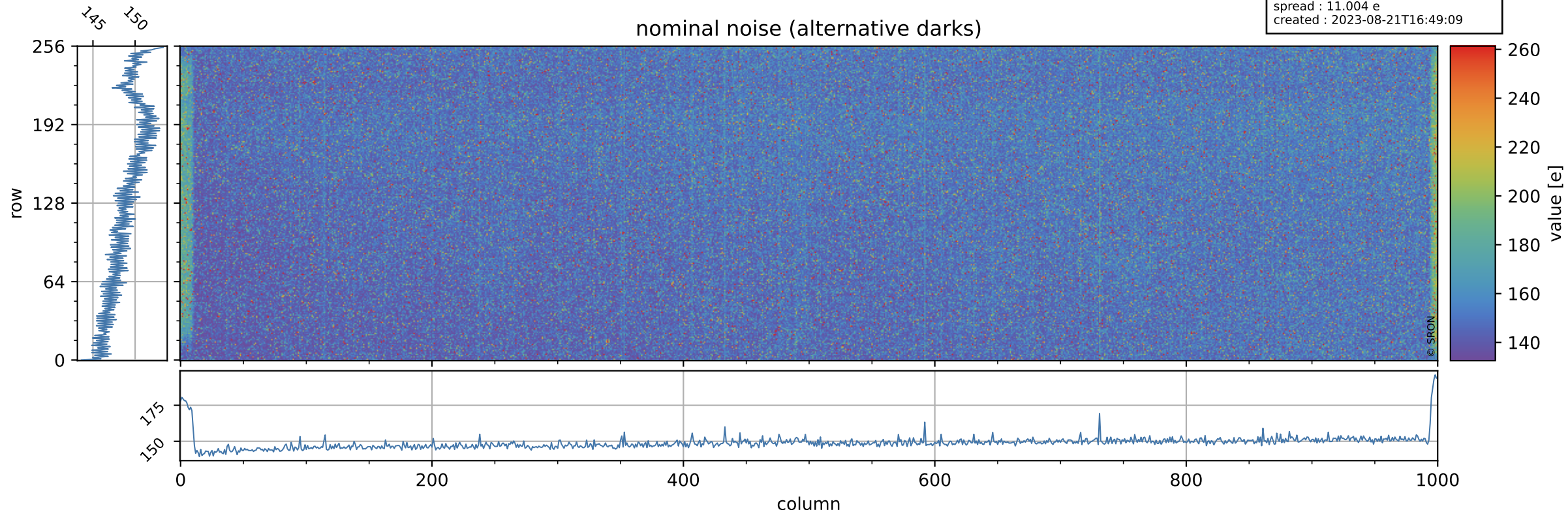


Tropomi SWIR background noise (swir)

orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.004 e
created : 2023-08-21T16:49:09

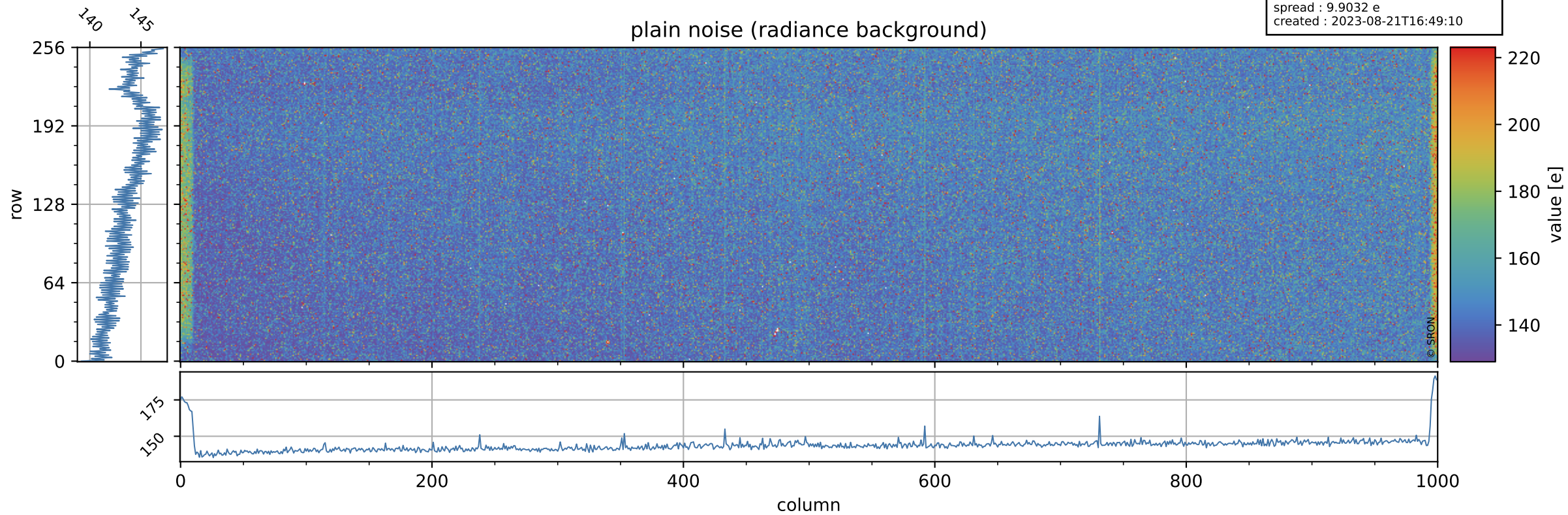
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9032 e
created : 2023-08-21T16:49:10

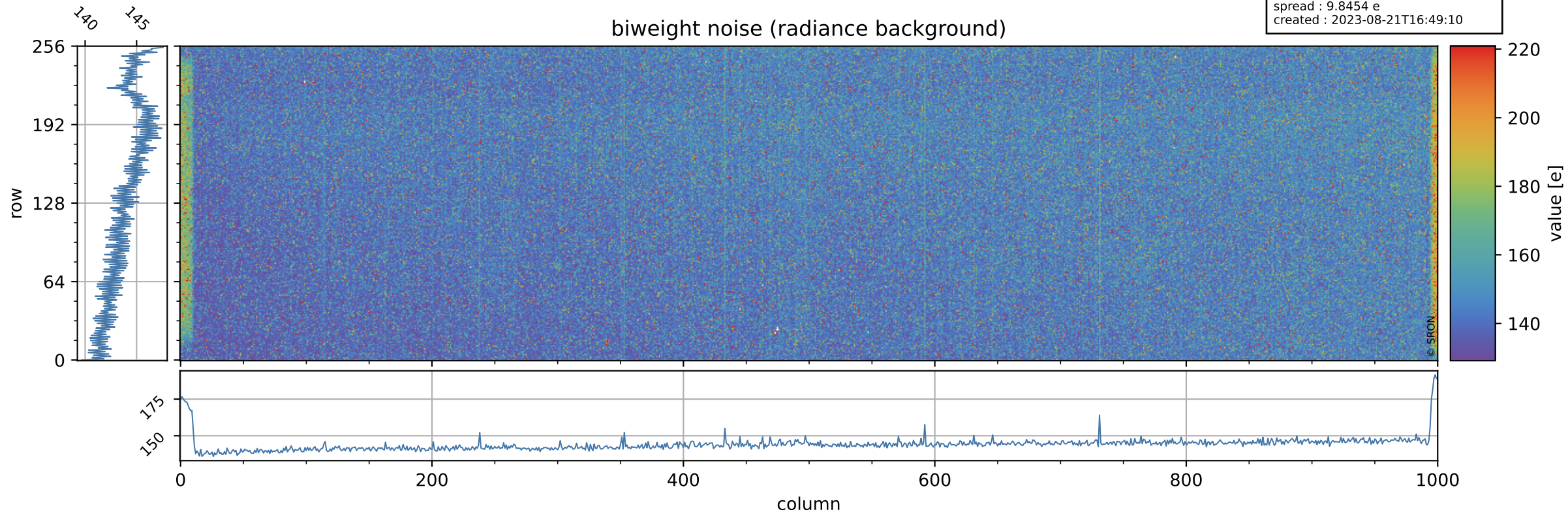
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8454 e
created : 2023-08-21T16:49:10

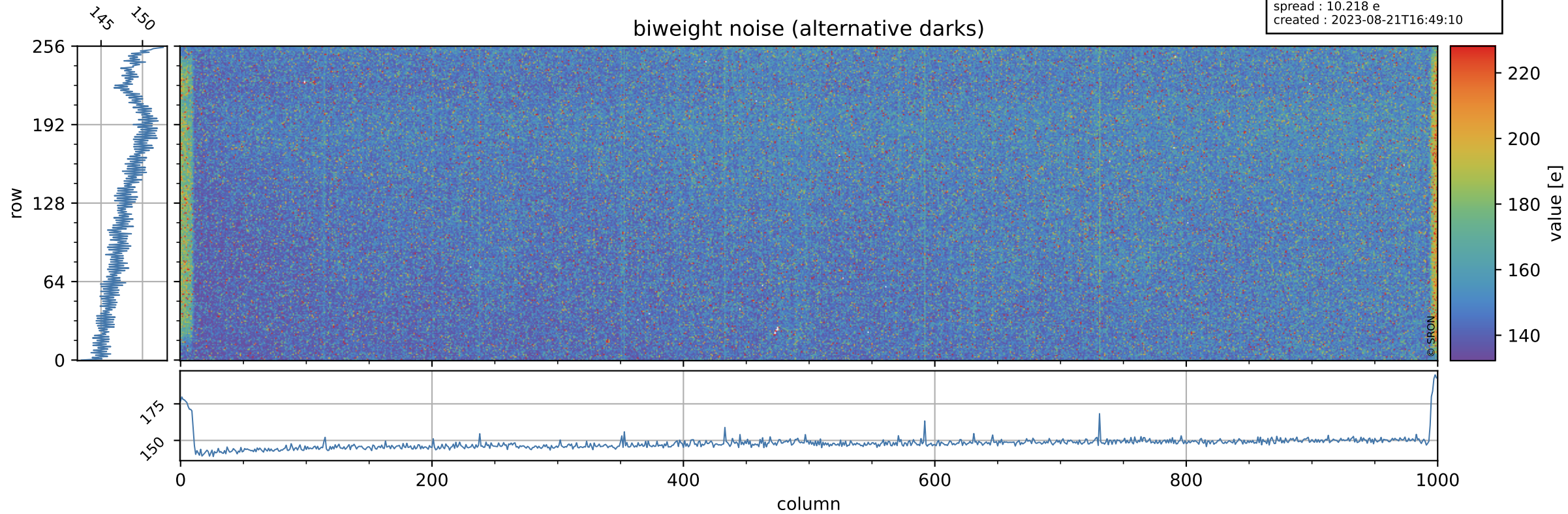
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.218 e
created : 2023-08-21T16:49:10

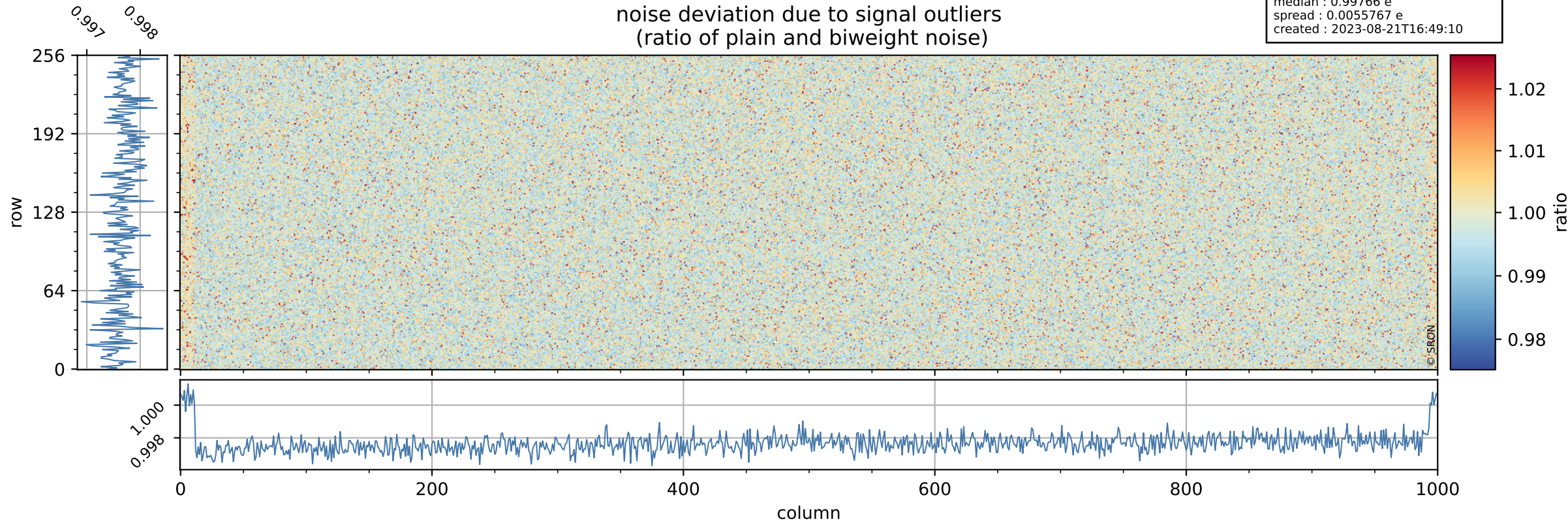
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

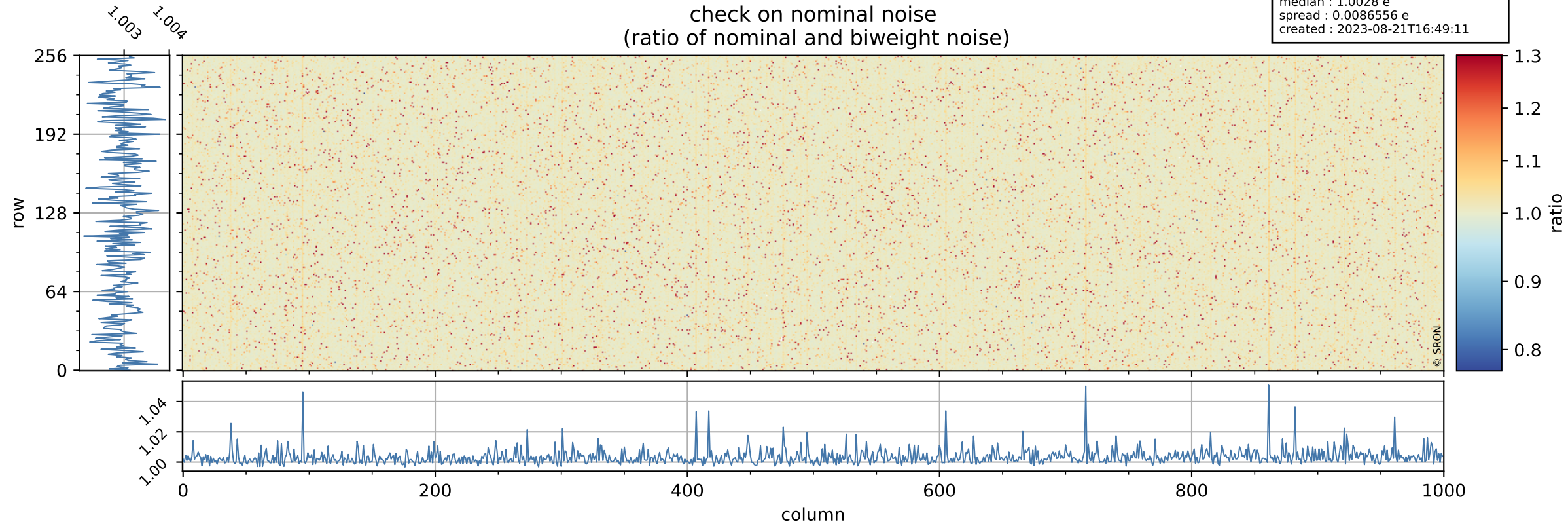
orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
median : 0.99766 e
spread : 0.0055767 e
created : 2023-08-21T16:49:10



Tropomi SWIR background noise (swir)

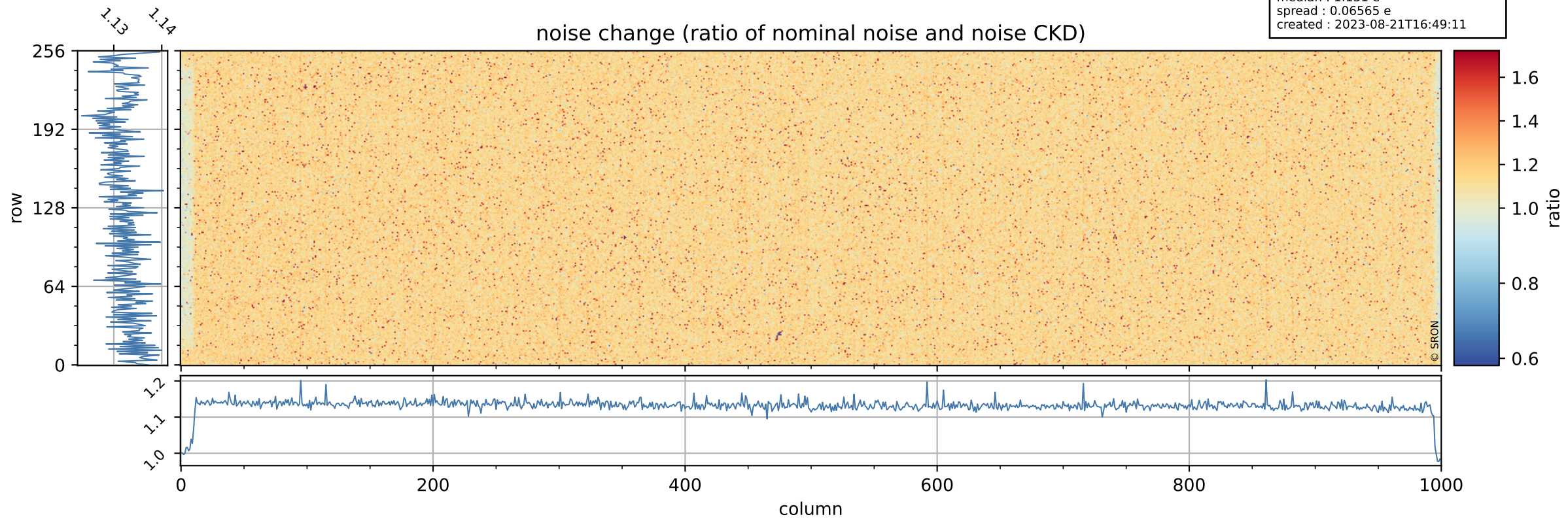
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
median : 1.0028 e
spread : 0.0086556 e
created : 2023-08-21T16:49:11



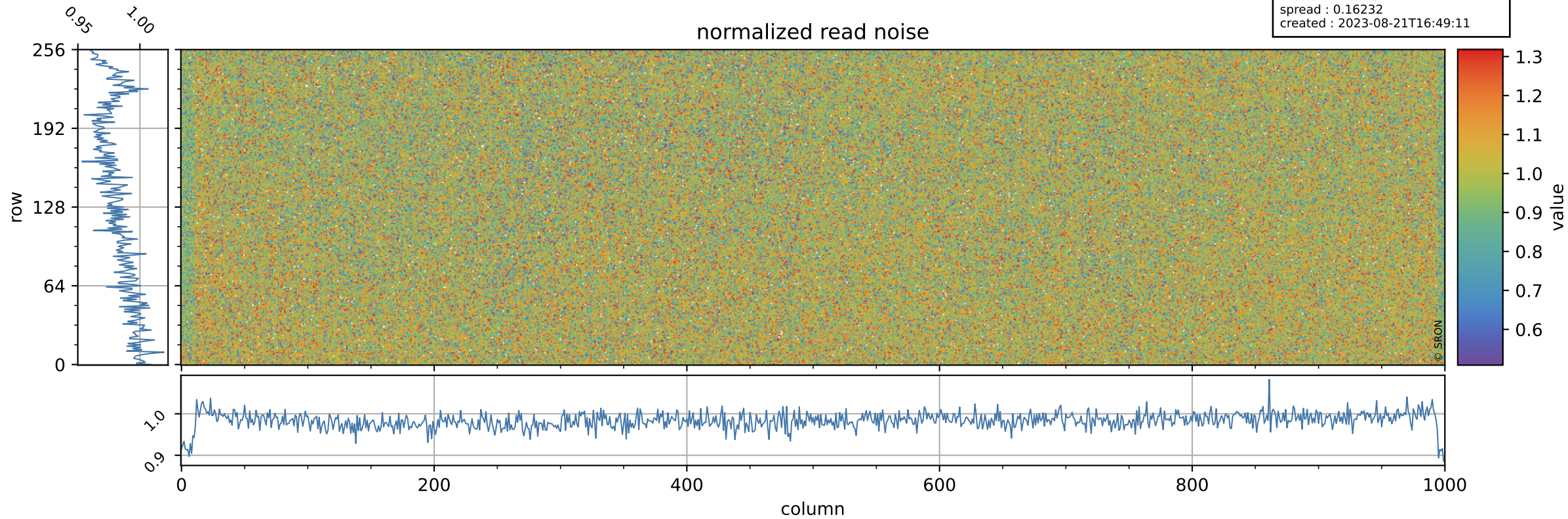
Tropomi SWIR background noise (swir)

orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
median : 1.131 e
spread : 0.06565 e
created : 2023-08-21T16:49:11



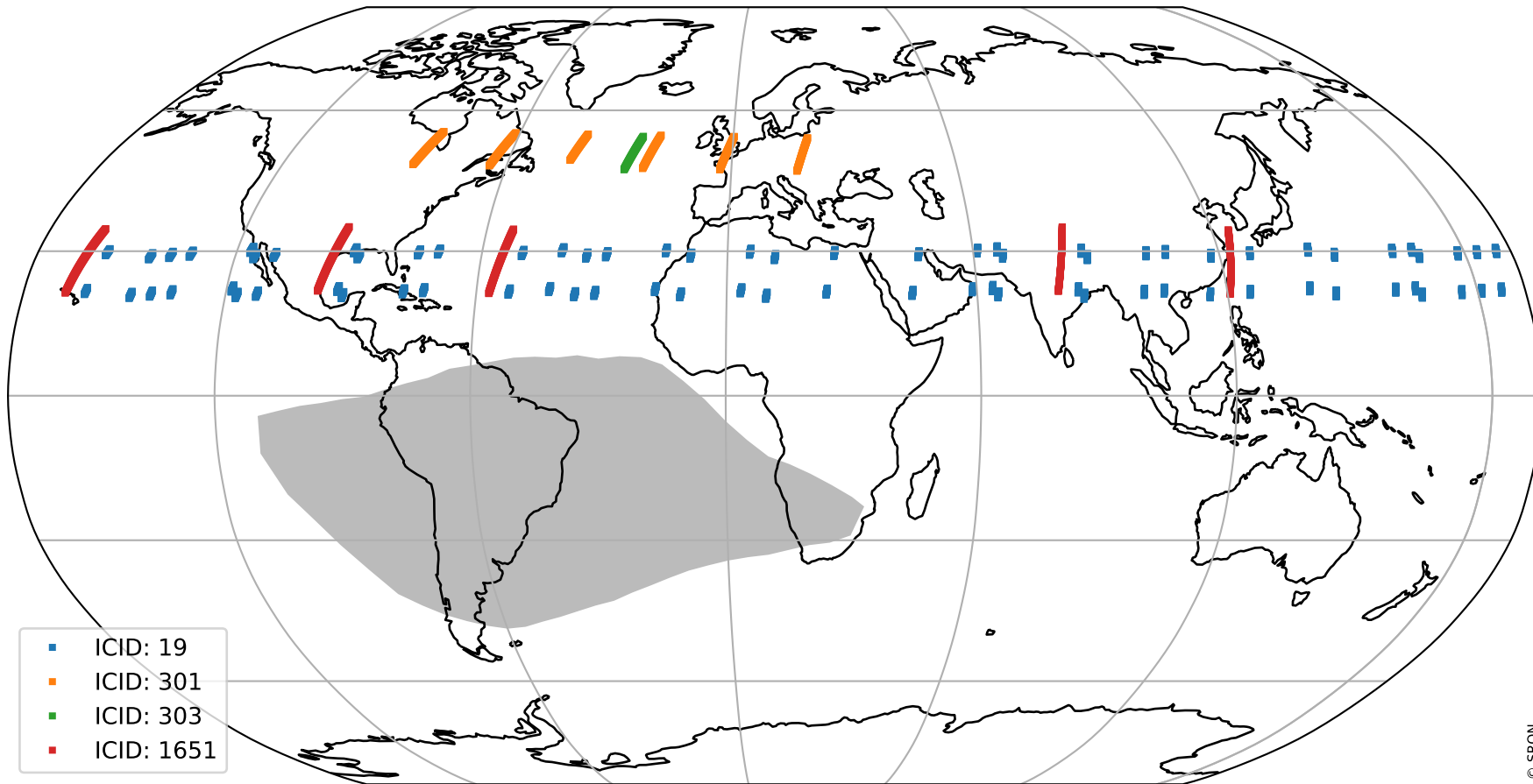
Tropomi SWIR background noise (swir)

orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
median : 0.98202
spread : 0.16232
created : 2023-08-21T16:49:11



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

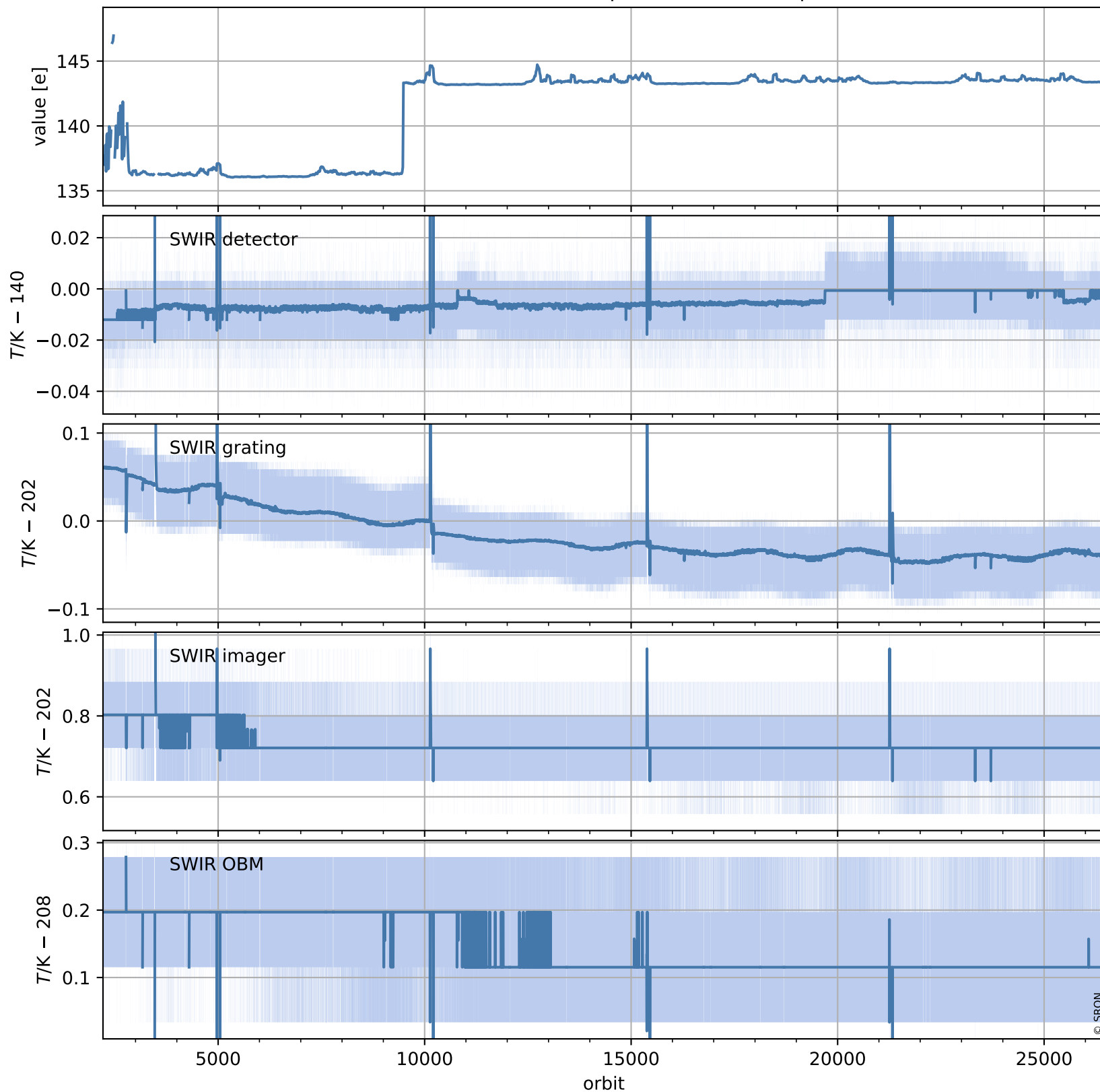
orbits : 12 in [26392, 26467]
coverage : 2022-11-15 / 2022-11-21
created : 2023-08-21T16:49:12



Tropomi SWIR background noise (swir)

orbits : [2212, 26467]
coverage : 2018-03-18 / 2022-11-21
created : 2023-08-21T16:49:12

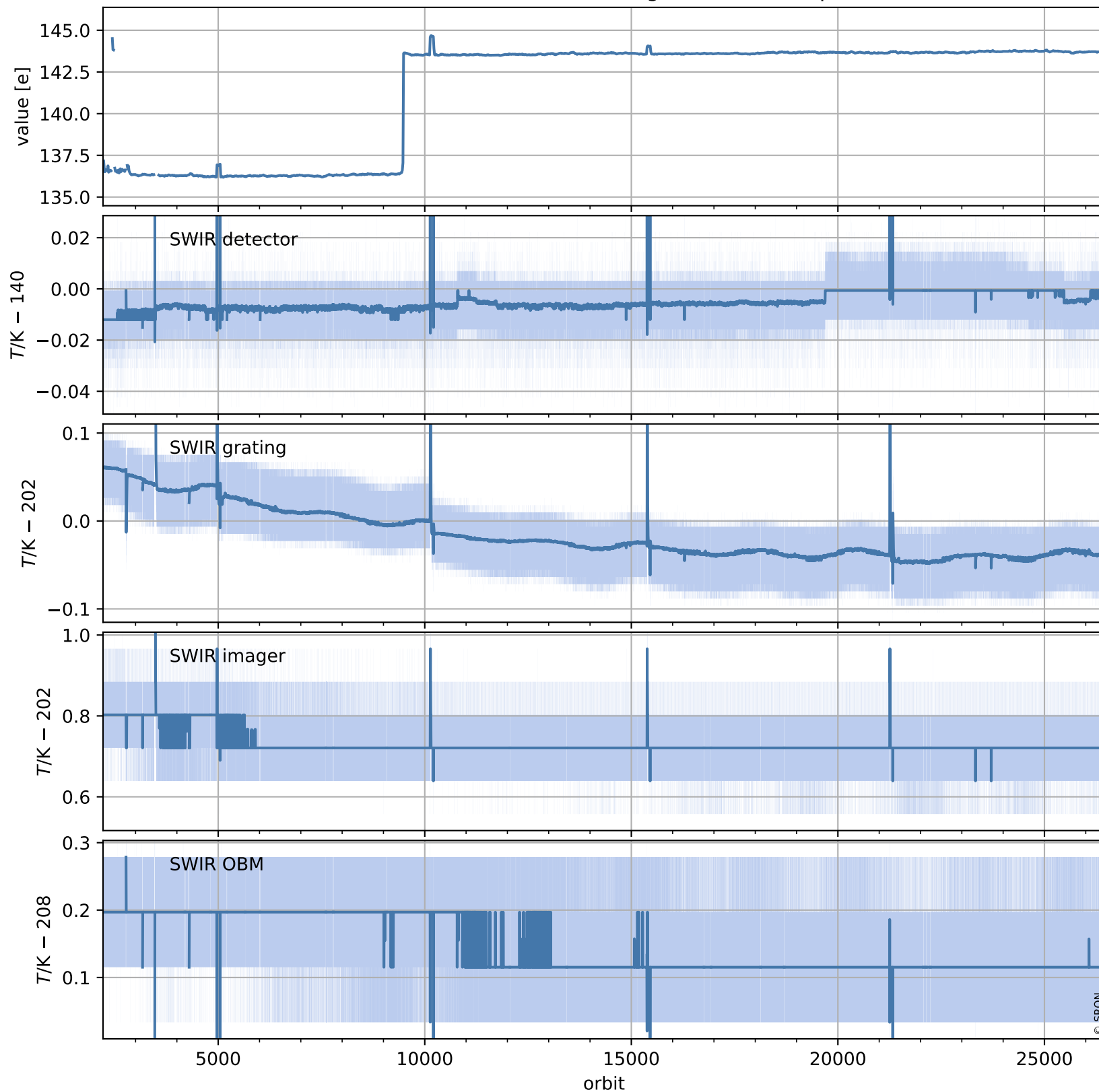
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26467]
coverage : 2018-03-18 / 2022-11-21
created : 2023-08-21T16:49:13

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26467]
coverage : 2018-03-18 / 2022-11-21
created : 2023-08-21T16:49:14

trend of normalized read-noise & temperatures

