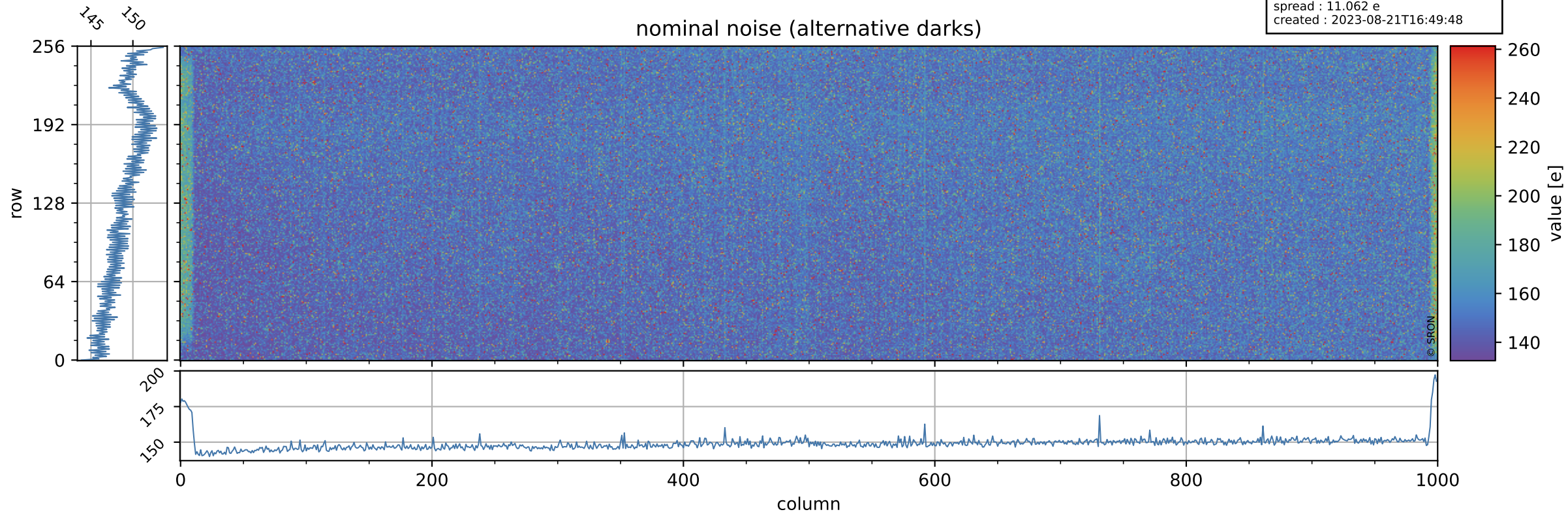


Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.062 e
created : 2023-08-21T16:49:48

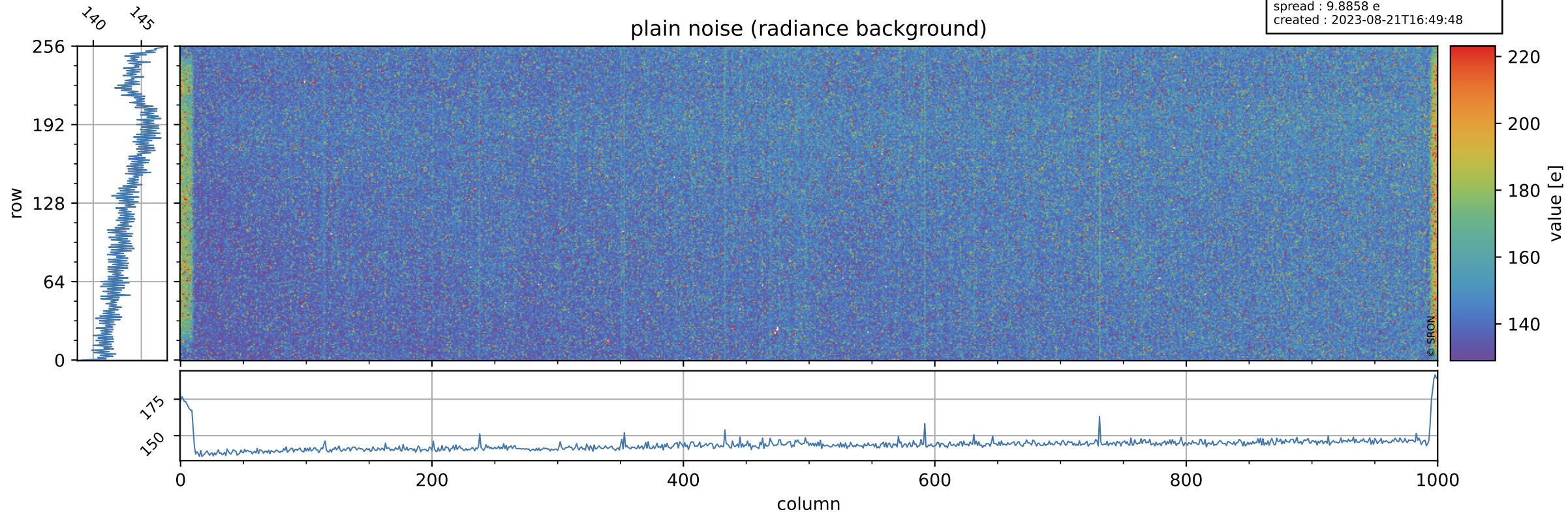
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8858 e
created : 2023-08-21T16:49:48

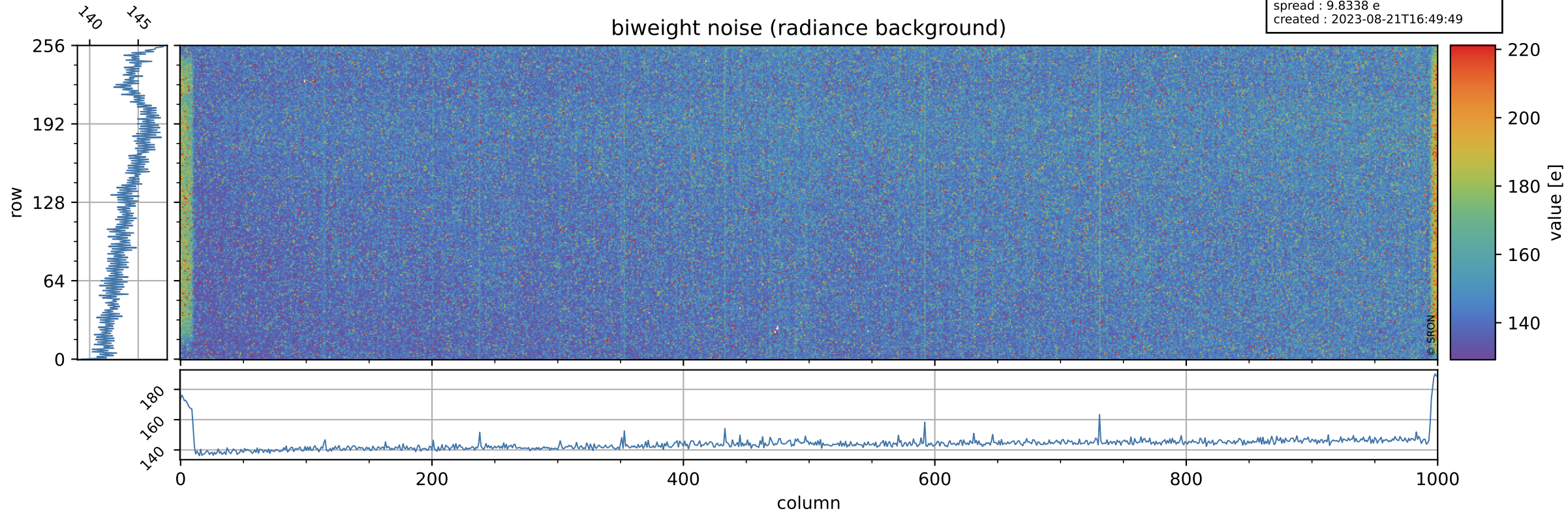
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8338 e
created : 2023-08-21T16:49:49

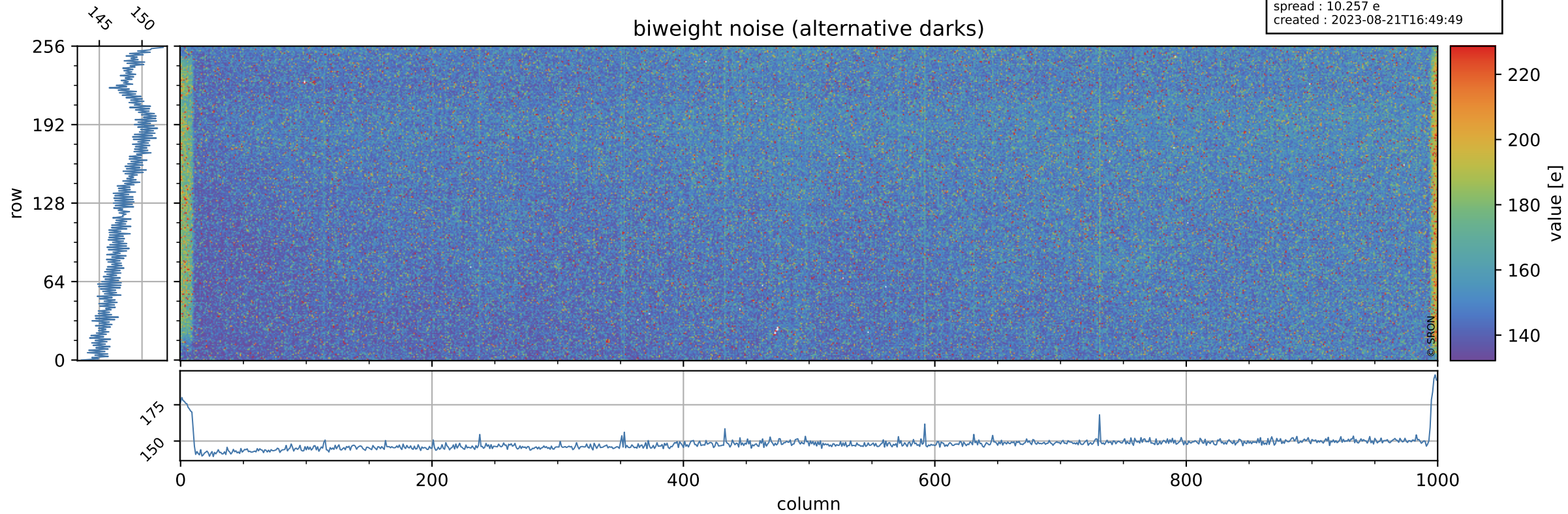
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.257 e
created : 2023-08-21T16:49:49

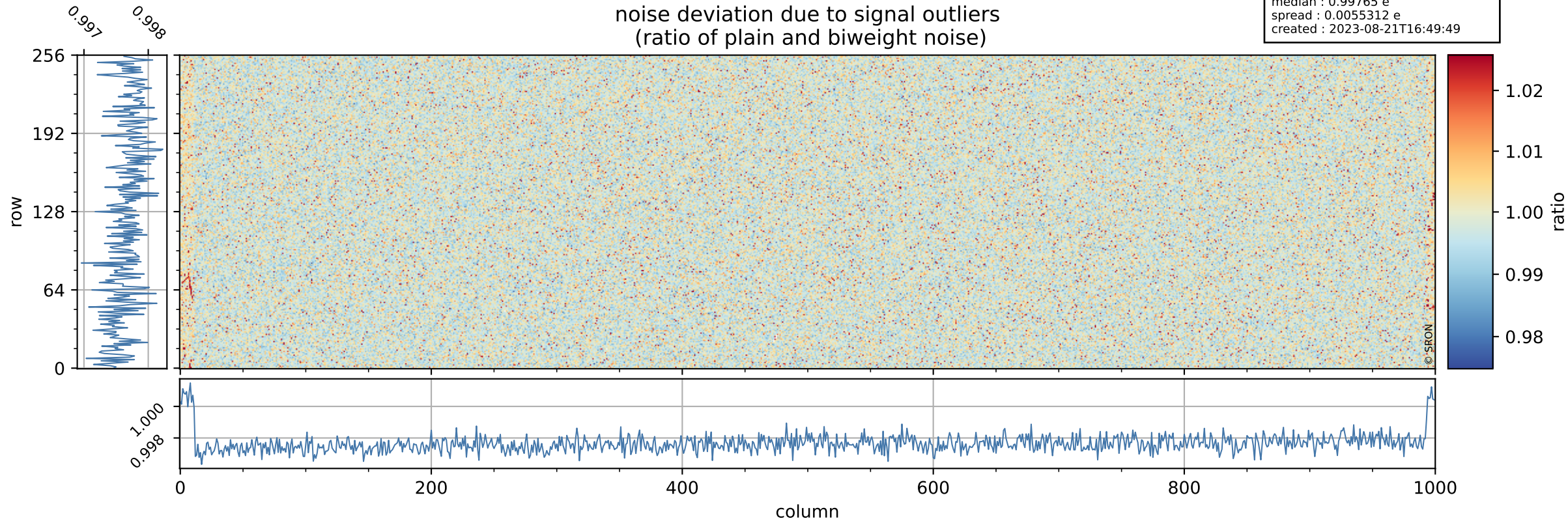
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

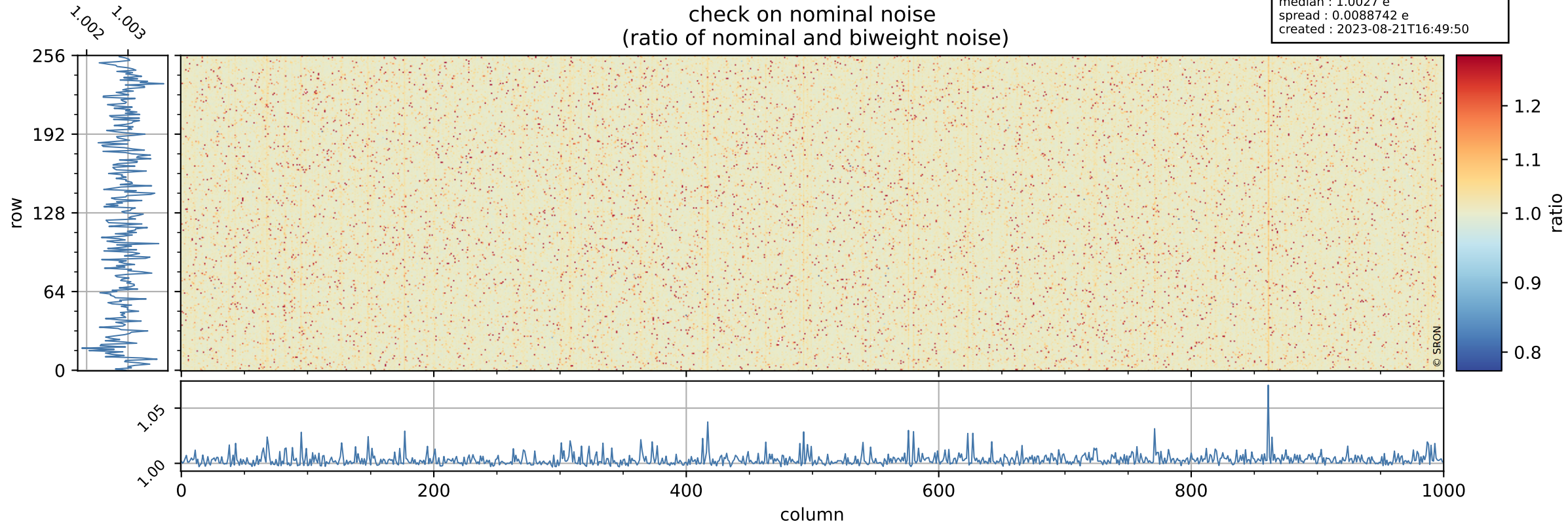
orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
median : 0.99765 e
spread : 0.0055312 e
created : 2023-08-21T16:49:49



Tropomi SWIR background noise (swir)

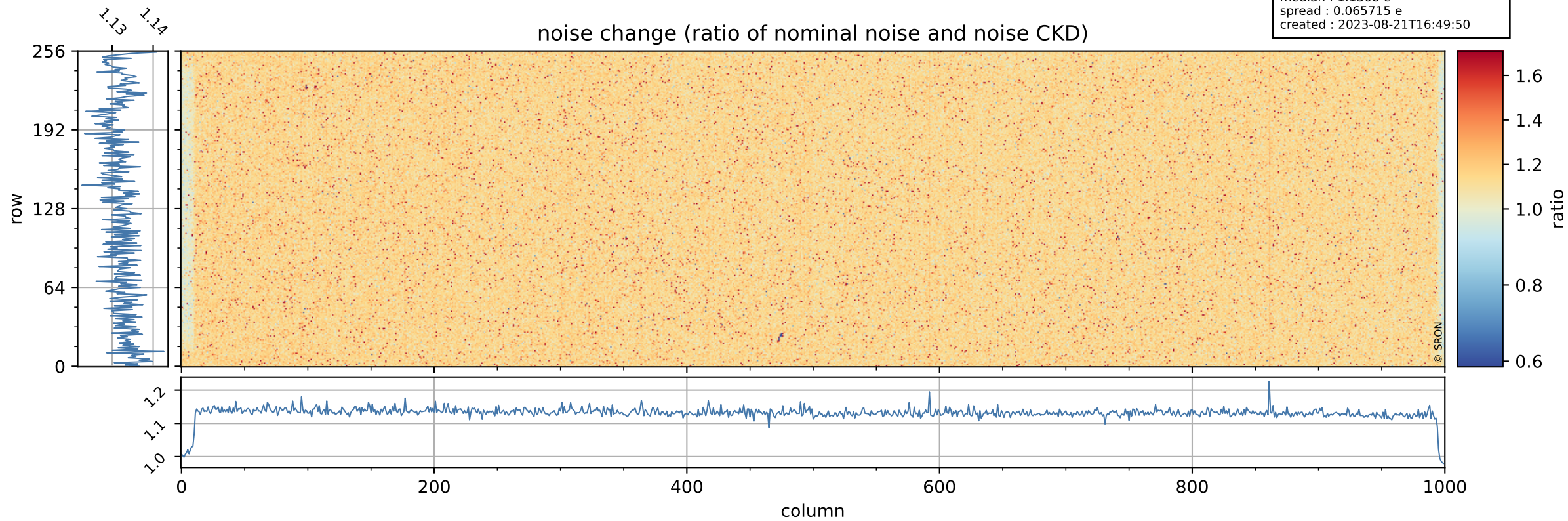
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
median : 1.0027 e
spread : 0.0088742 e
created : 2023-08-21T16:49:50



Tropomi SWIR background noise (swir)

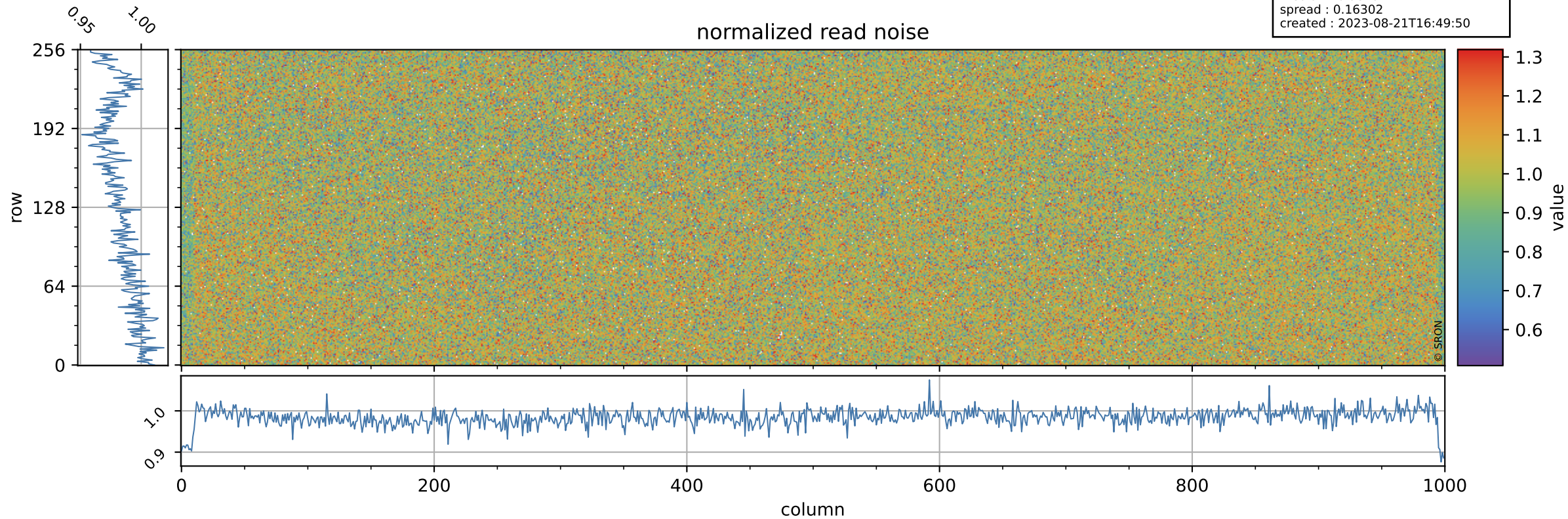
orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
median : 1.1308 e
spread : 0.065715 e
created : 2023-08-21T16:49:50



Tropomi SWIR background noise (swir)

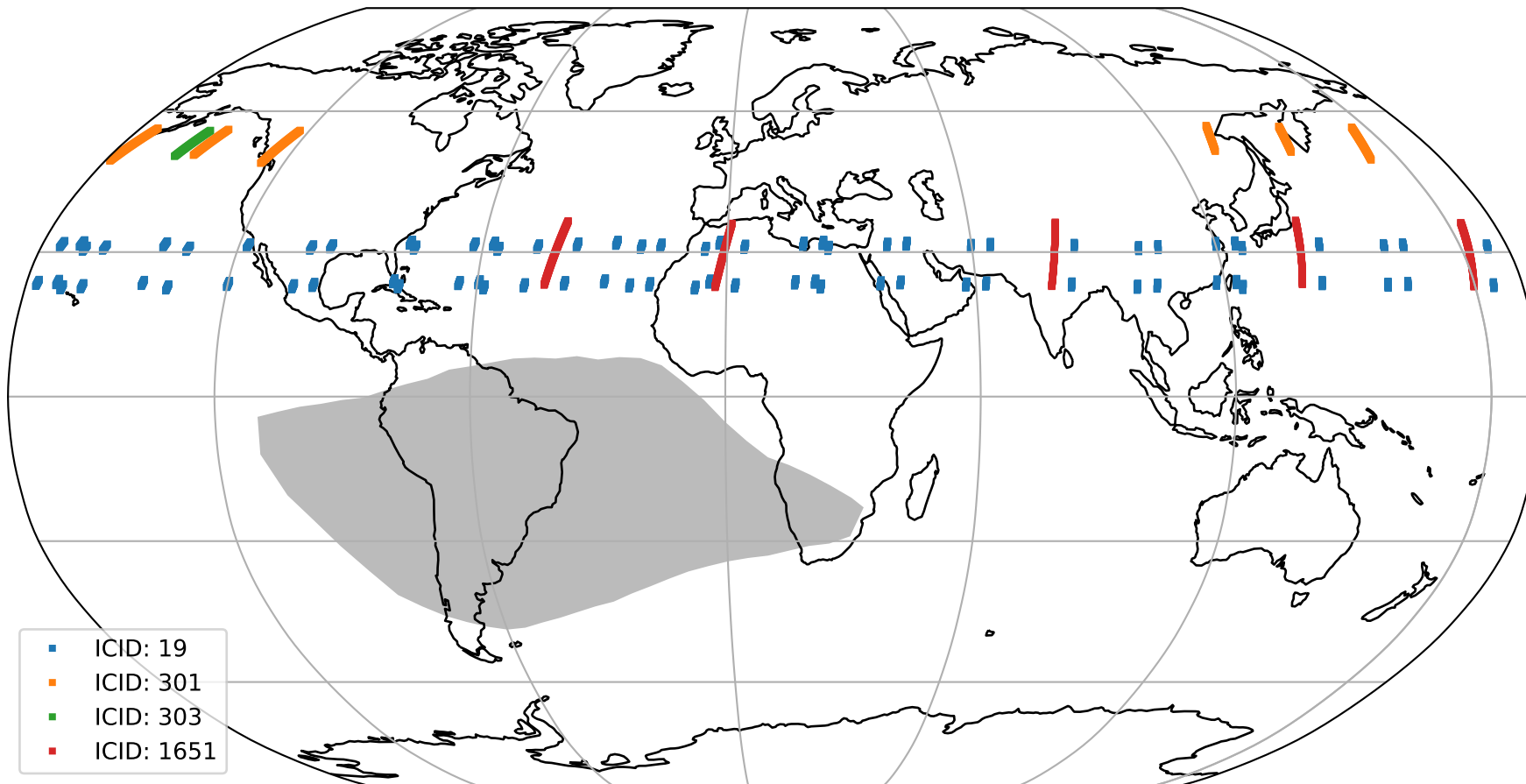
orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
median : 0.98292
spread : 0.16302
created : 2023-08-21T16:49:50

normalized read noise



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

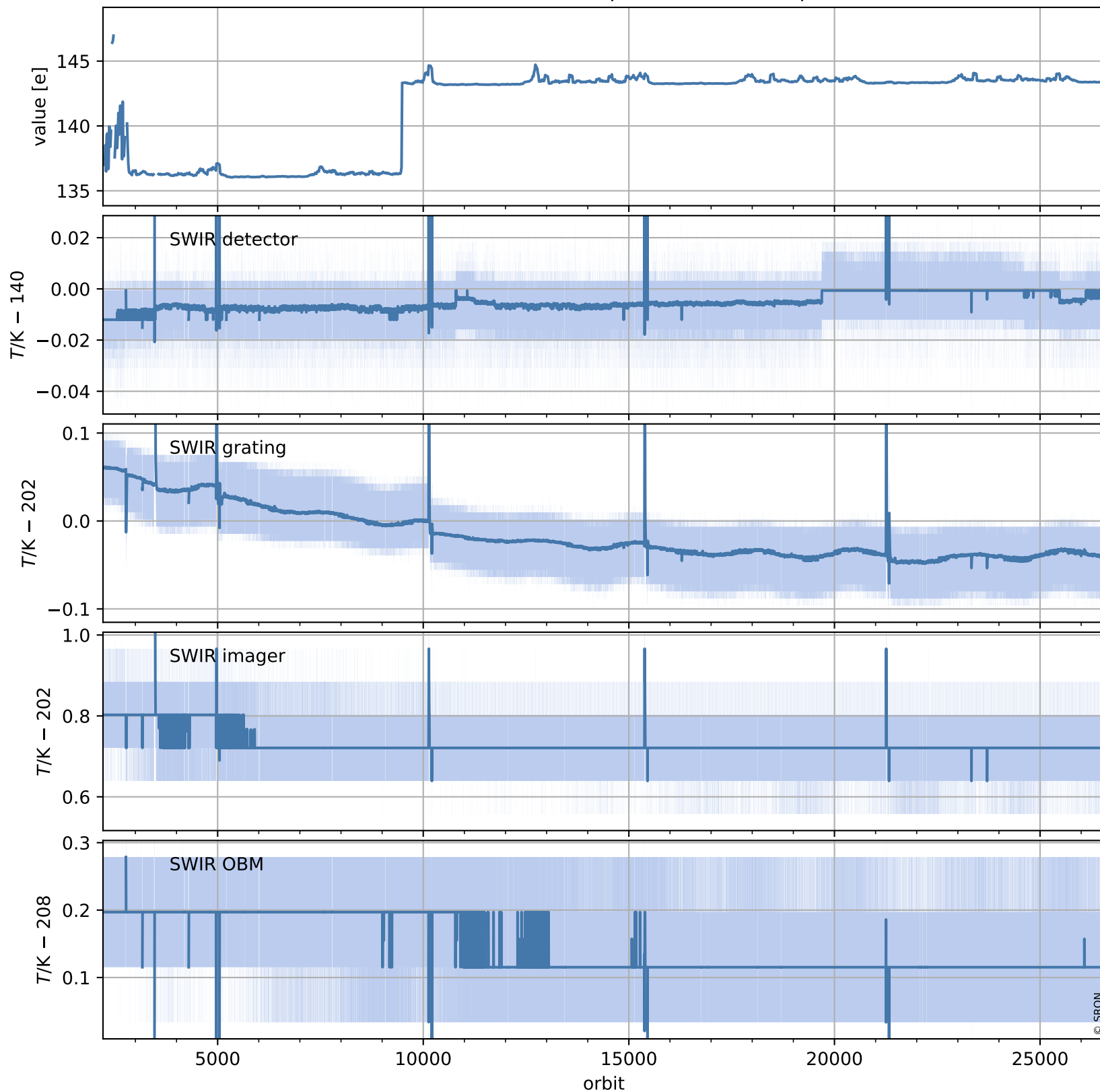
orbits : 12 in [26497, 26572]
coverage : 2022-11-23 / 2022-11-28
created : 2023-08-21T16:49:50



Tropomi SWIR background noise (swir)

orbits : [2212, 26572]
coverage : 2018-03-18 / 2022-11-28
created : 2023-08-21T16:49:51

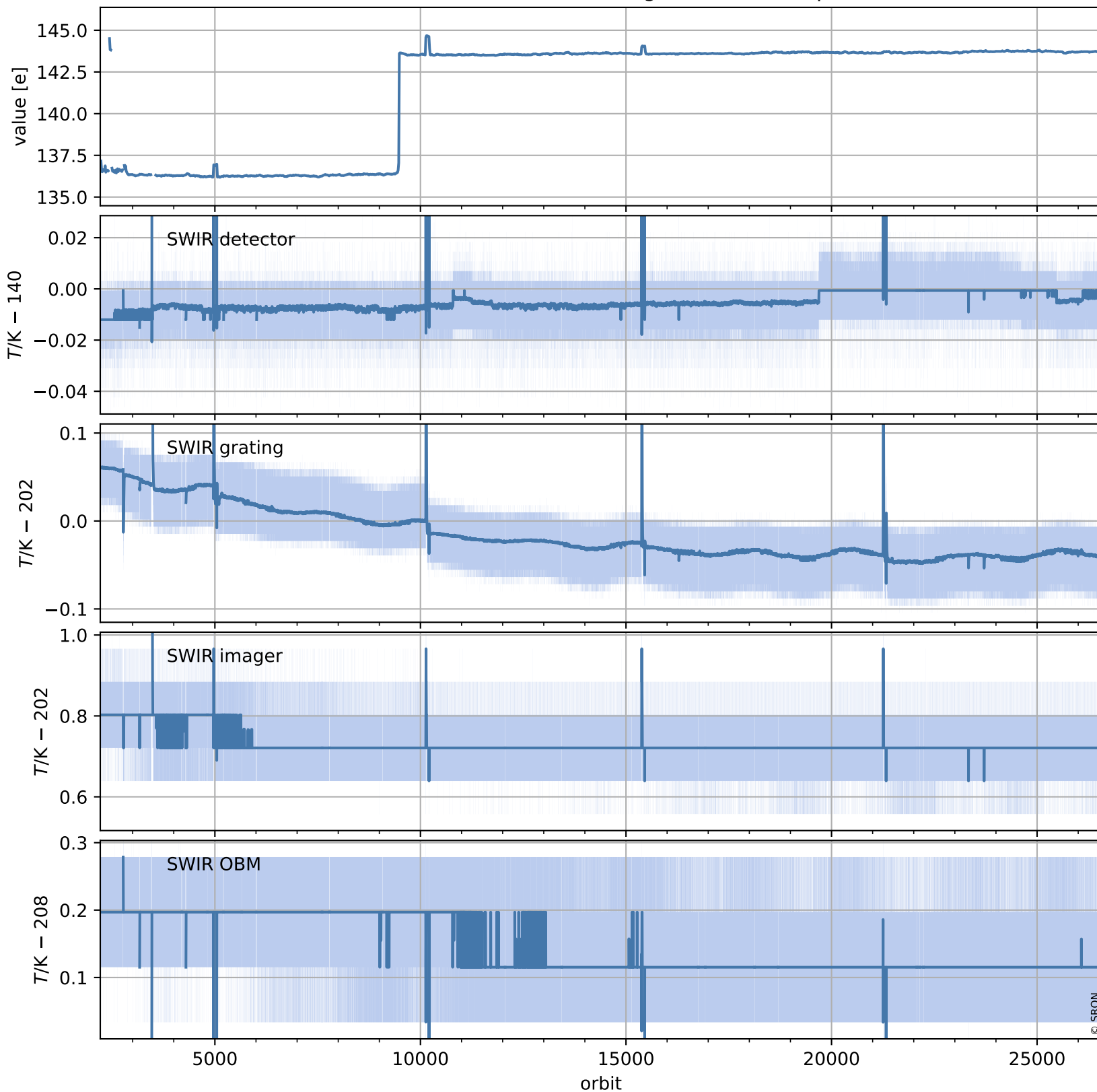
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26572]
coverage : 2018-03-18 / 2022-11-28
created : 2023-08-21T16:49:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26572]
coverage : 2018-03-18 / 2022-11-28
created : 2023-08-21T16:49:52

trend of normalized read-noise & temperatures

