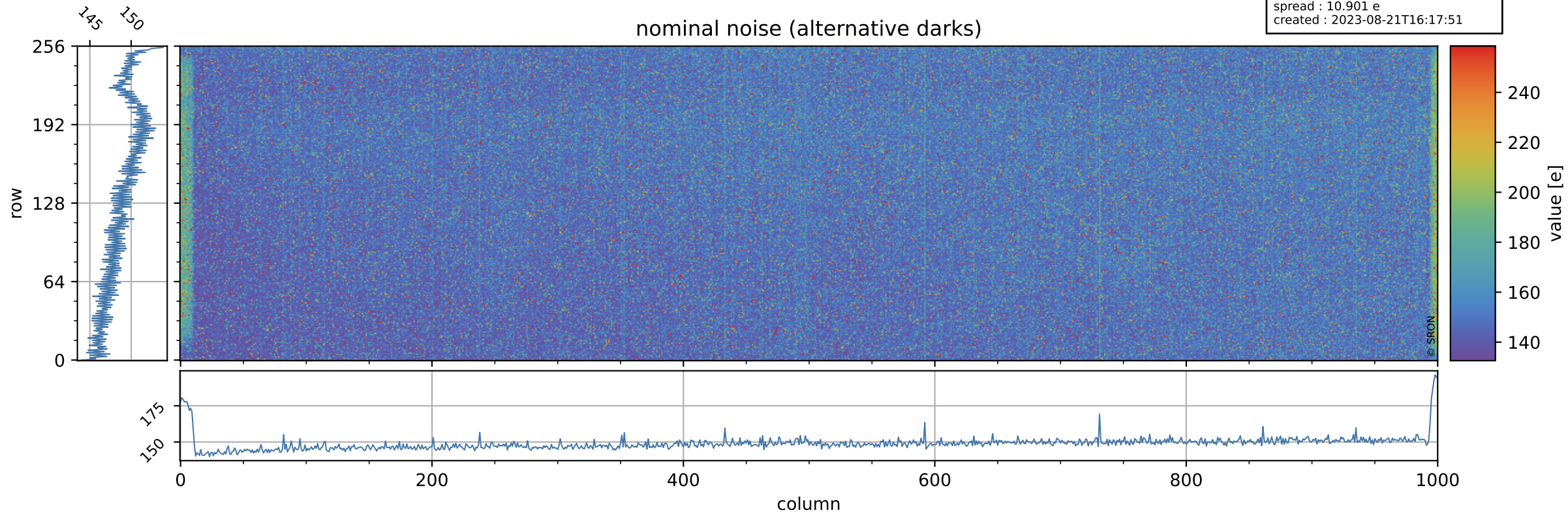


Tropomi SWIR background noise (swir)

orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.901 e
created : 2023-08-21T16:17:51

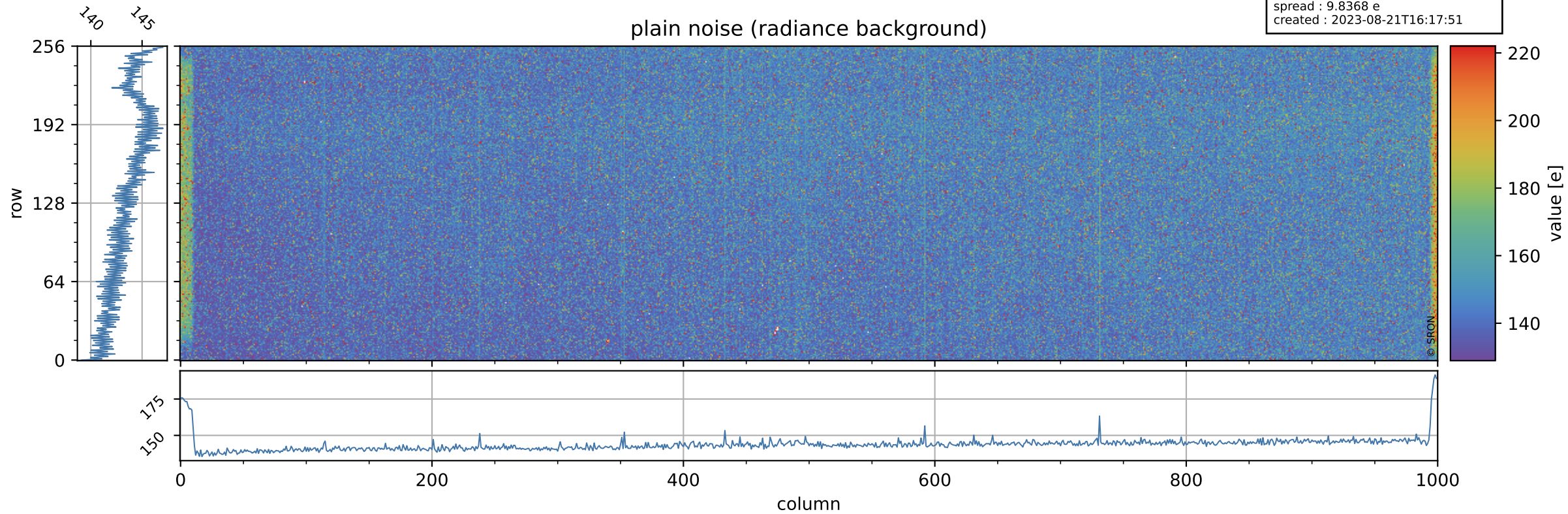
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8368 e
created : 2023-08-21T16:17:51

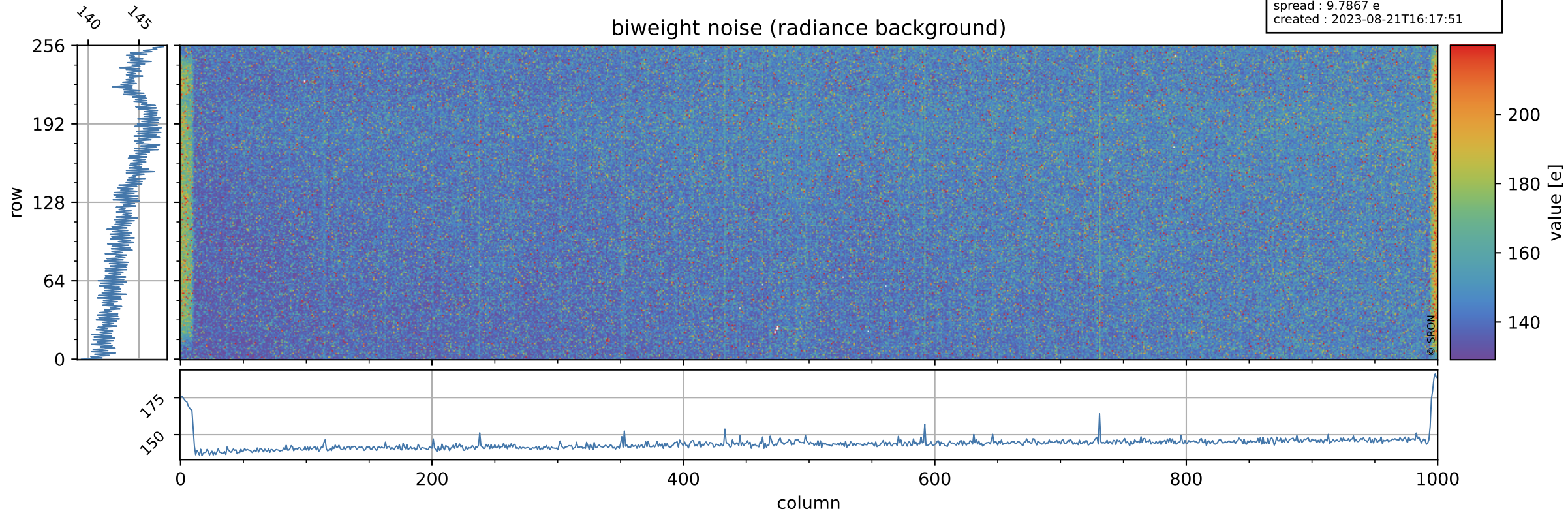
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7867 e
created : 2023-08-21T16:17:51

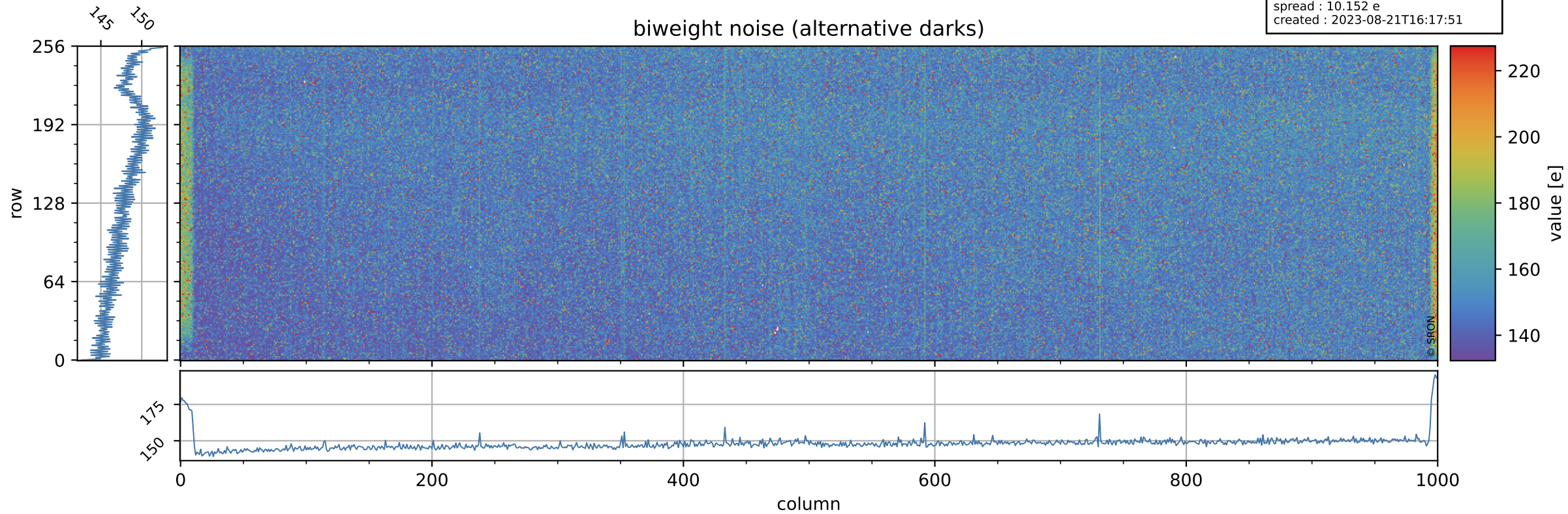
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
n_coad, t_exp : 1, 1.0783
median : 147.78 e
spread : 10.152 e
created : 2023-08-21T16:17:51

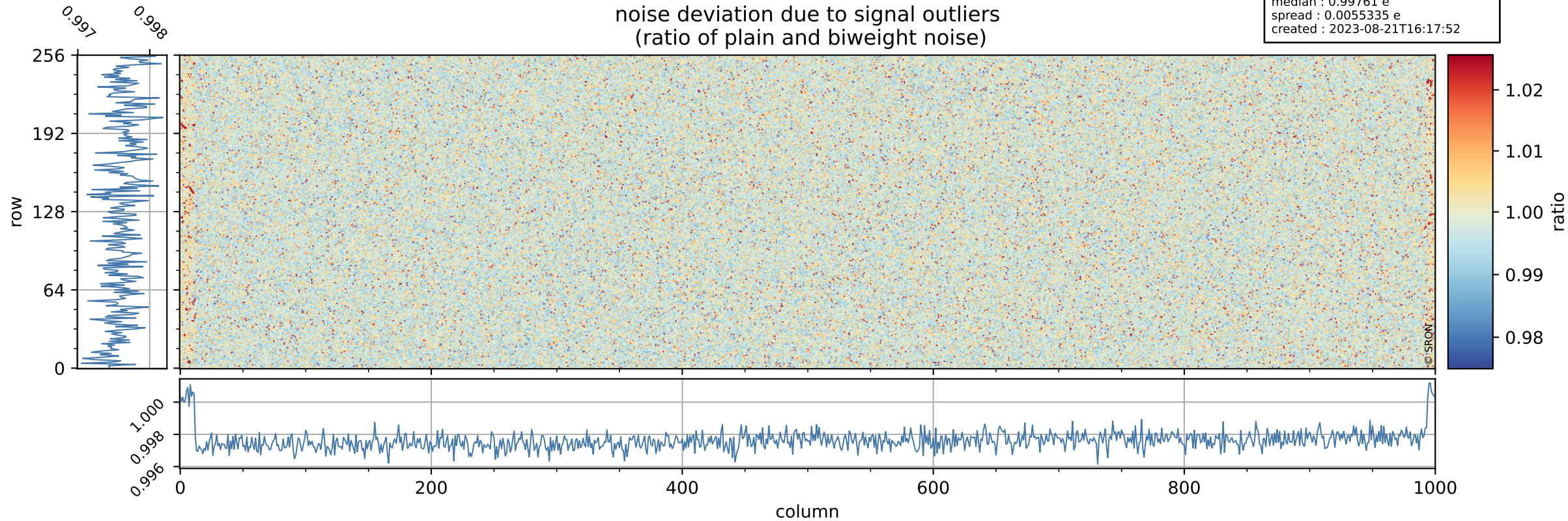
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

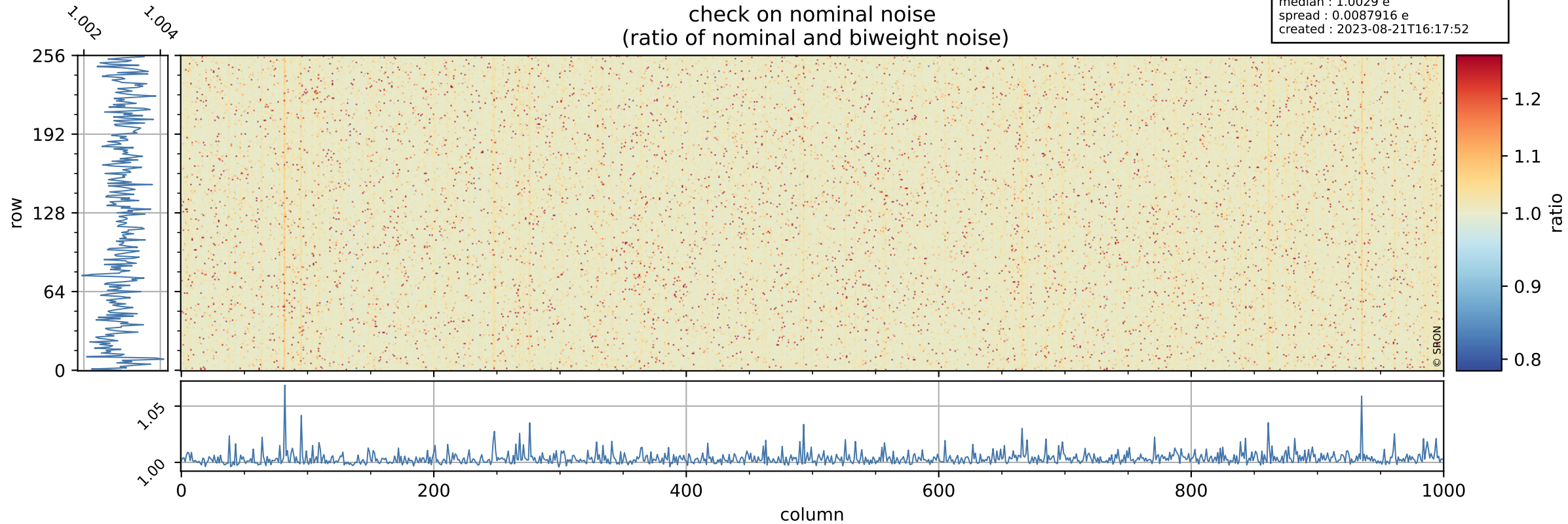
orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
median : 0.99761 e
spread : 0.0055335 e
created : 2023-08-21T16:17:52



Tropomi SWIR background noise (swir)

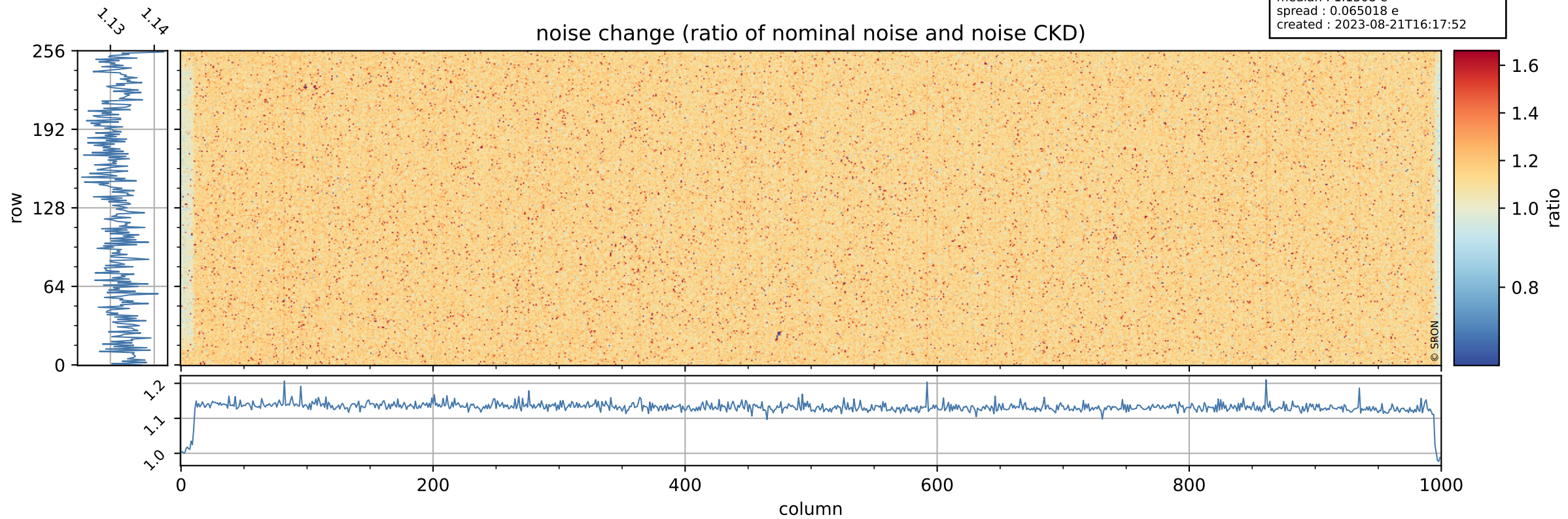
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
median : 1.0029 e
spread : 0.0087916 e
created : 2023-08-21T16:17:52



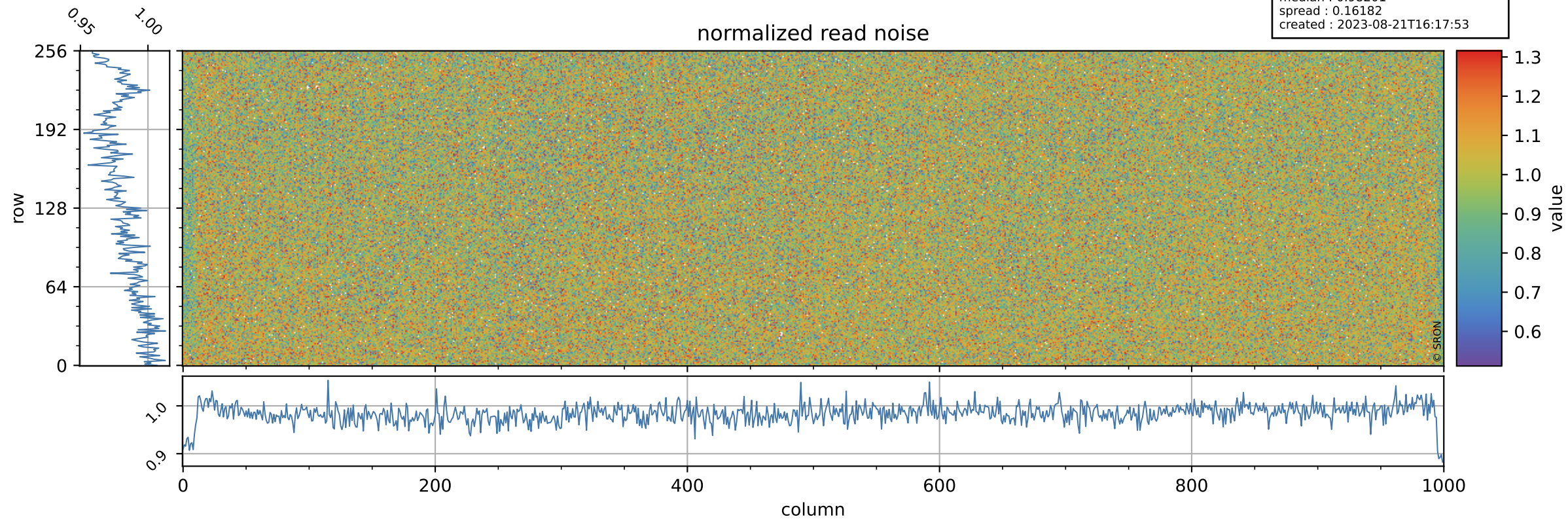
Tropomi SWIR background noise (swir)

orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
median : 1.1308 e
spread : 0.065018 e
created : 2023-08-21T16:17:52



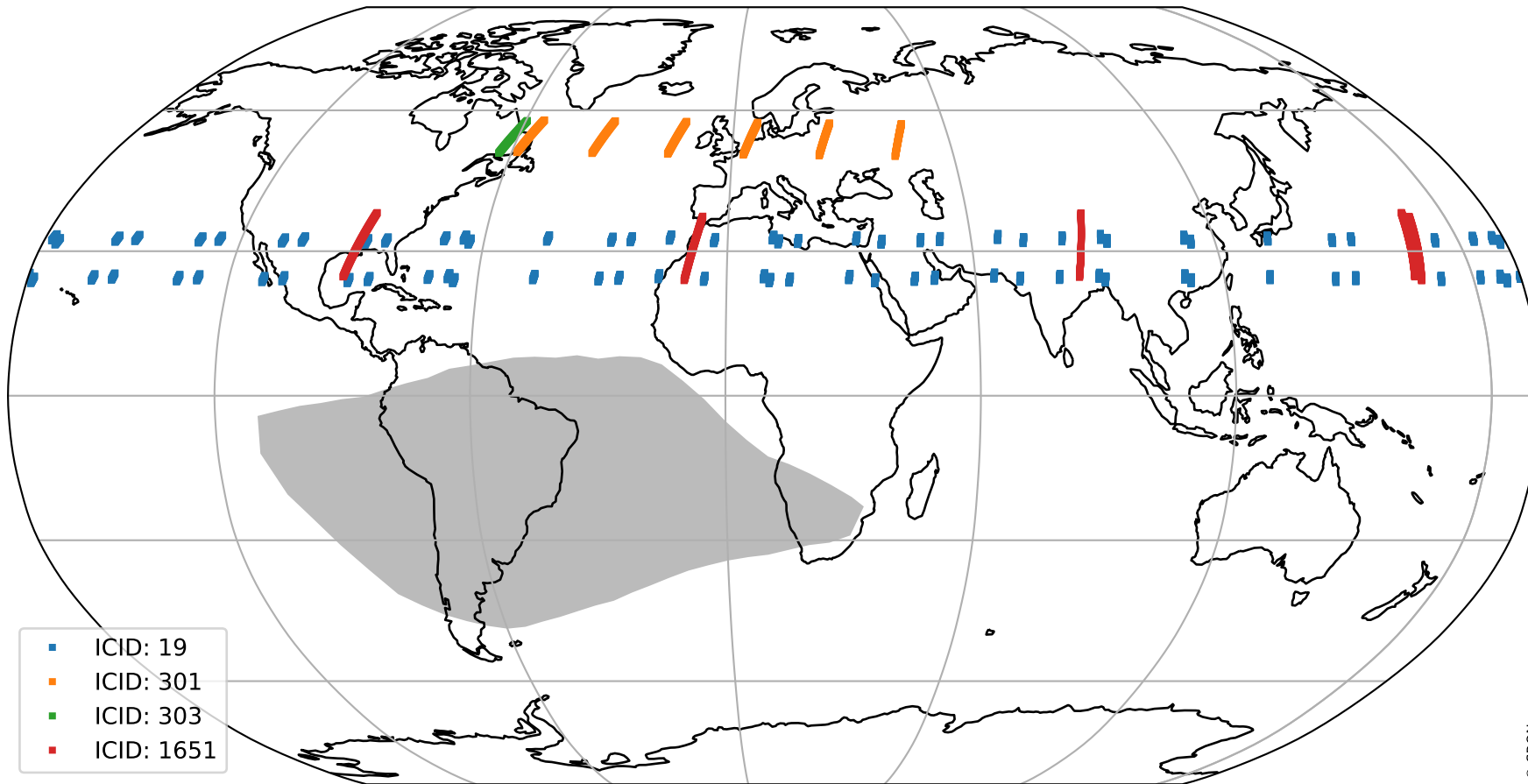
Tropomi SWIR background noise (swir)

orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
median : 0.98201
spread : 0.16182
created : 2023-08-21T16:17:53



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

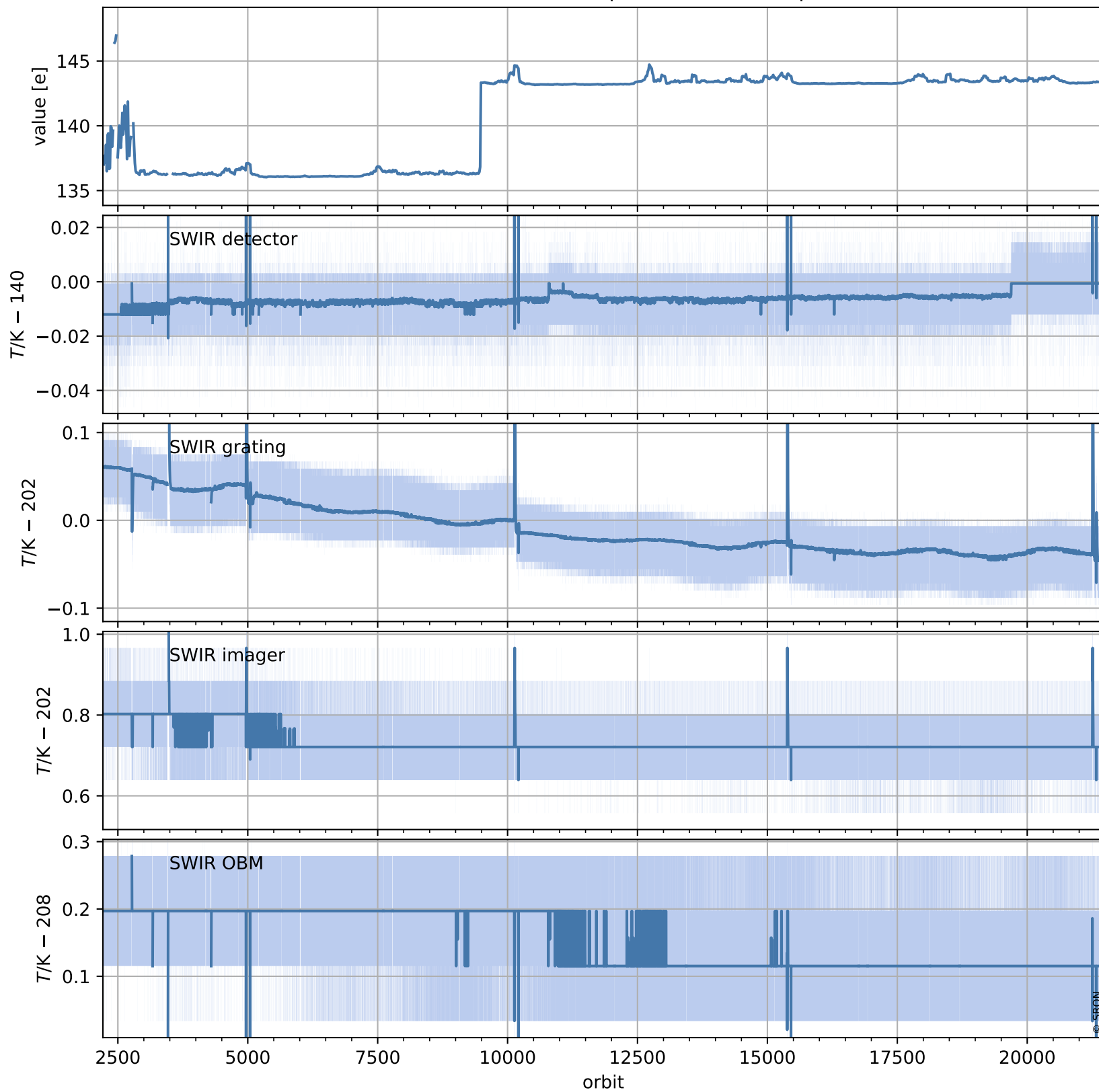
orbits : 12 in [21382, 21472]
coverage : 2021-11-28 / 2021-12-04
created : 2023-08-21T16:17:53



Tropomi SWIR background noise (swir)

orbits : [2212, 21472]
coverage : 2018-03-18 / 2021-12-04
created : 2023-08-21T16:17:53

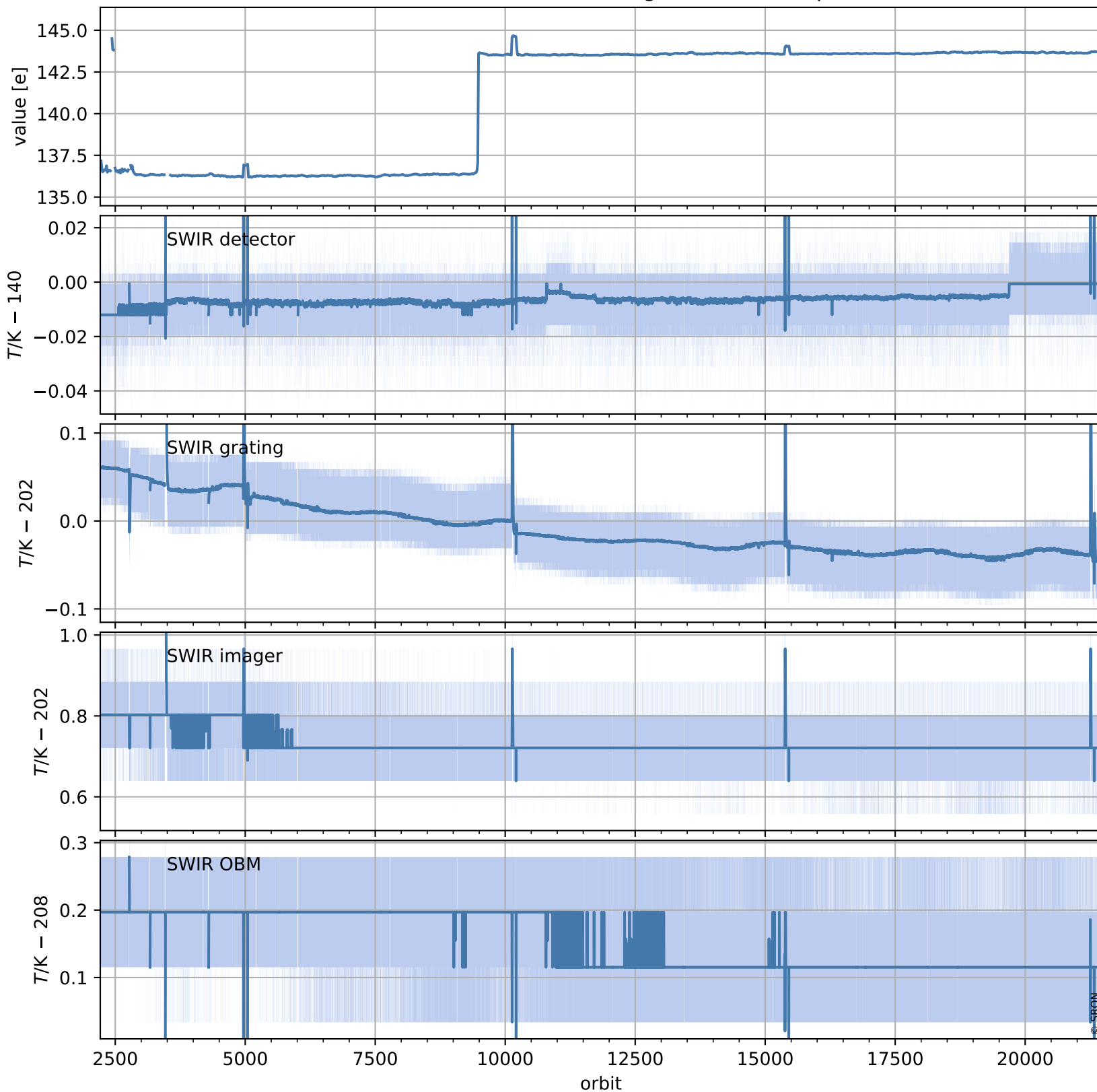
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21472]
coverage : 2018-03-18 / 2021-12-04
created : 2023-08-21T16:17:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21472]
coverage : 2018-03-18 / 2021-12-04
created : 2023-08-21T16:17:55

trend of normalized read-noise & temperatures

