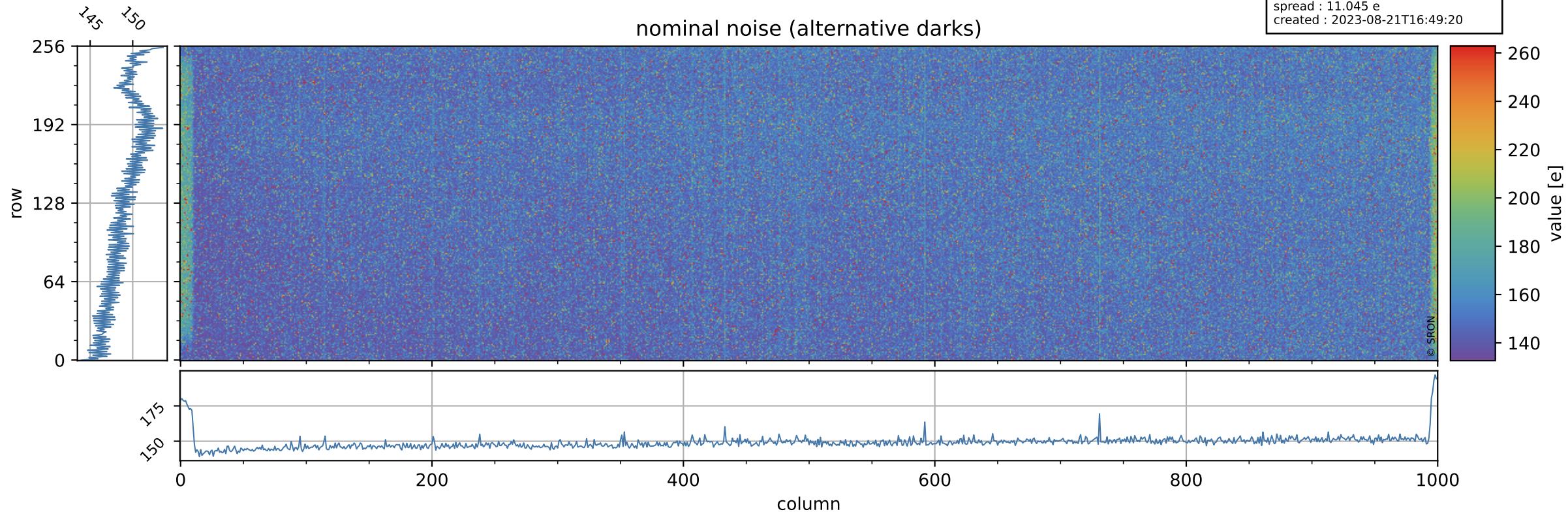


Tropomi SWIR background noise (swir)

orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
n_coad, t_exp : 1, 1.0783
median : 148.94 e
spread : 11.045 e
created : 2023-08-21T16:49:20

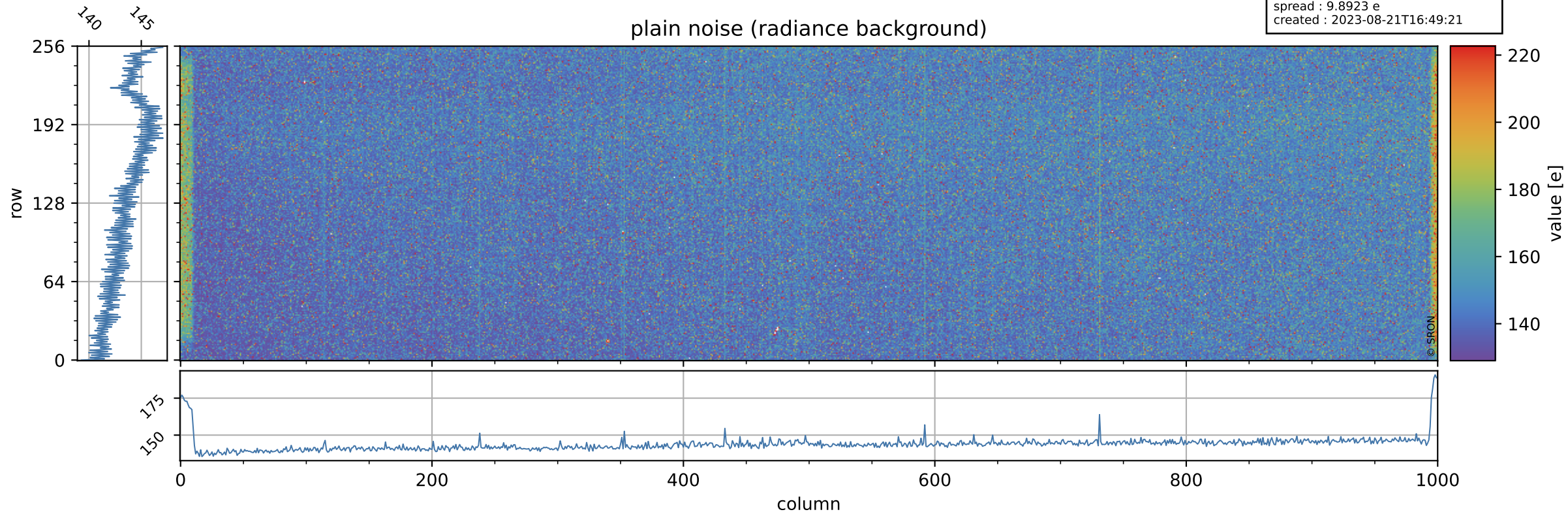
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8923 e
created : 2023-08-21T16:49:21

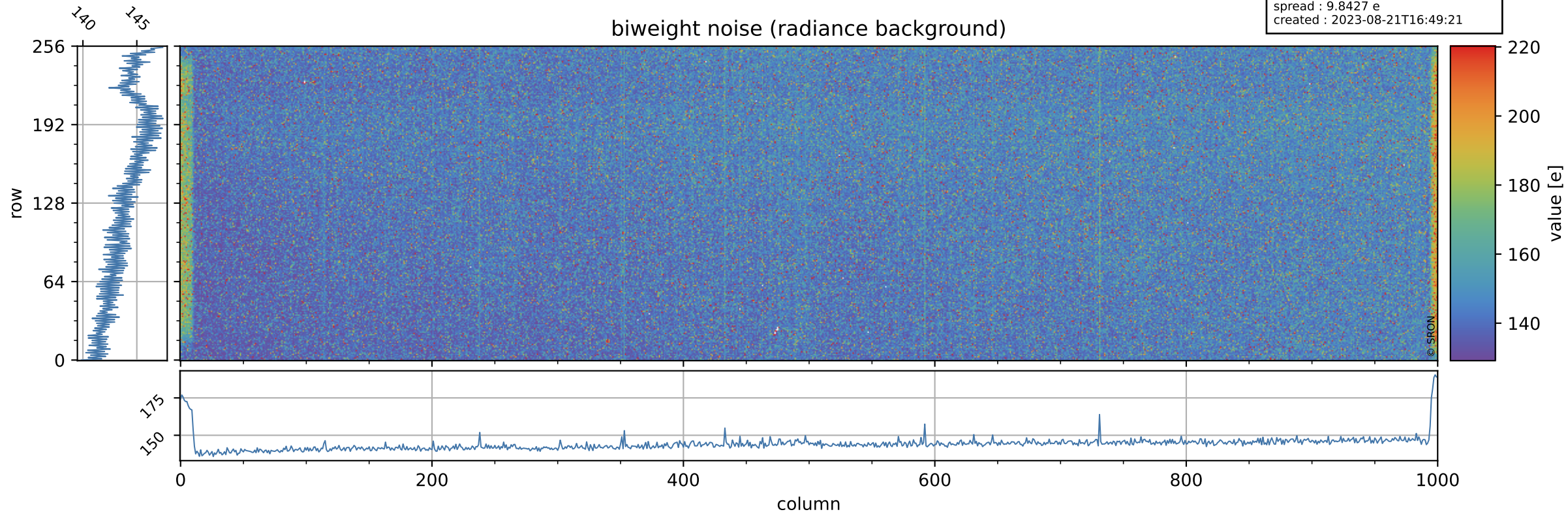
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.8427 e
created : 2023-08-21T16:49:21

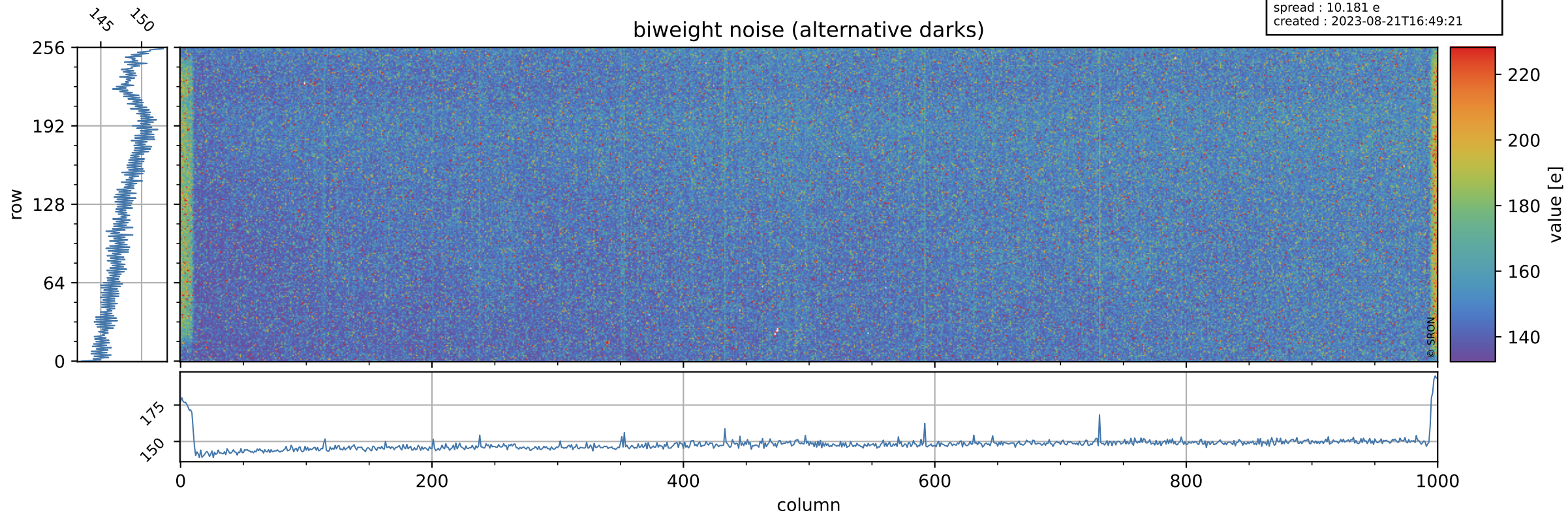
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.181 e
created : 2023-08-21T16:49:21

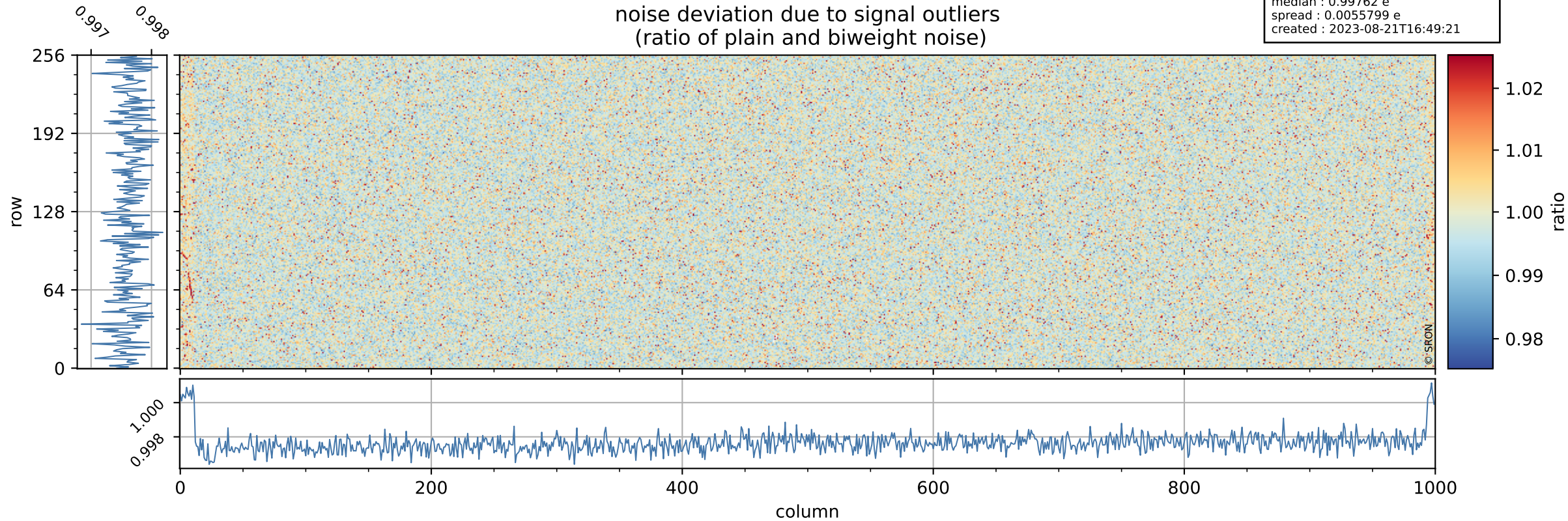
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

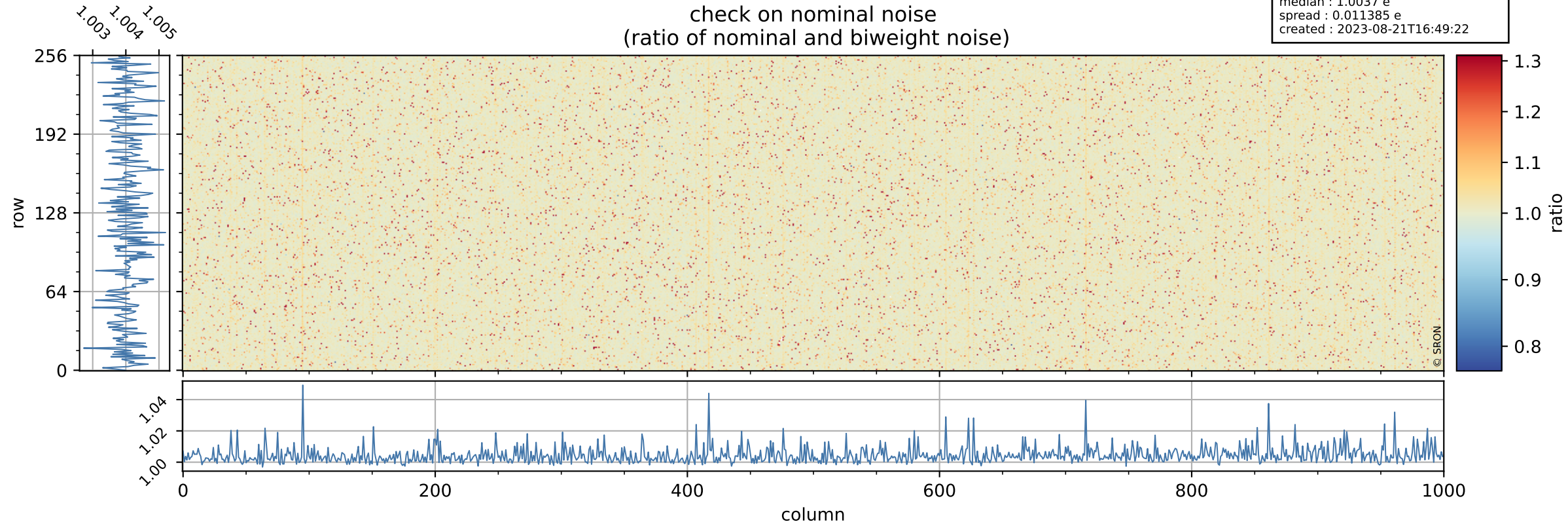
orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
median : 0.99762 e
spread : 0.0055799 e
created : 2023-08-21T16:49:21



Tropomi SWIR background noise (swir)

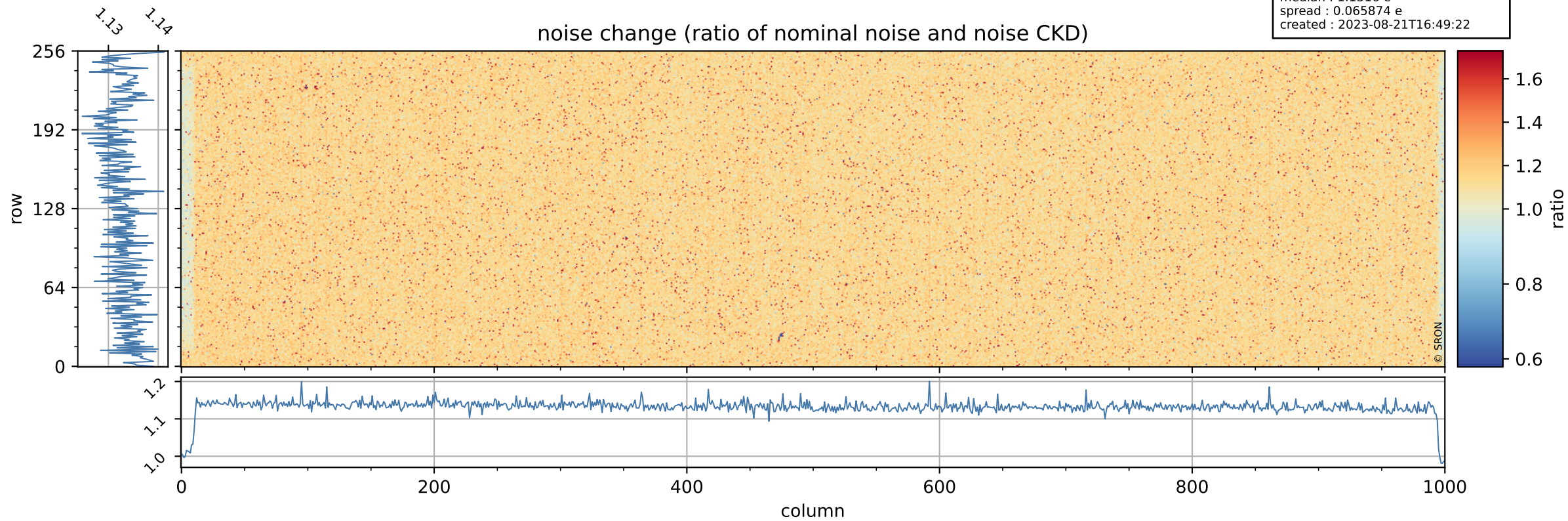
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
median : 1.0037 e
spread : 0.011385 e
created : 2023-08-21T16:49:22



Tropomi SWIR background noise (swir)

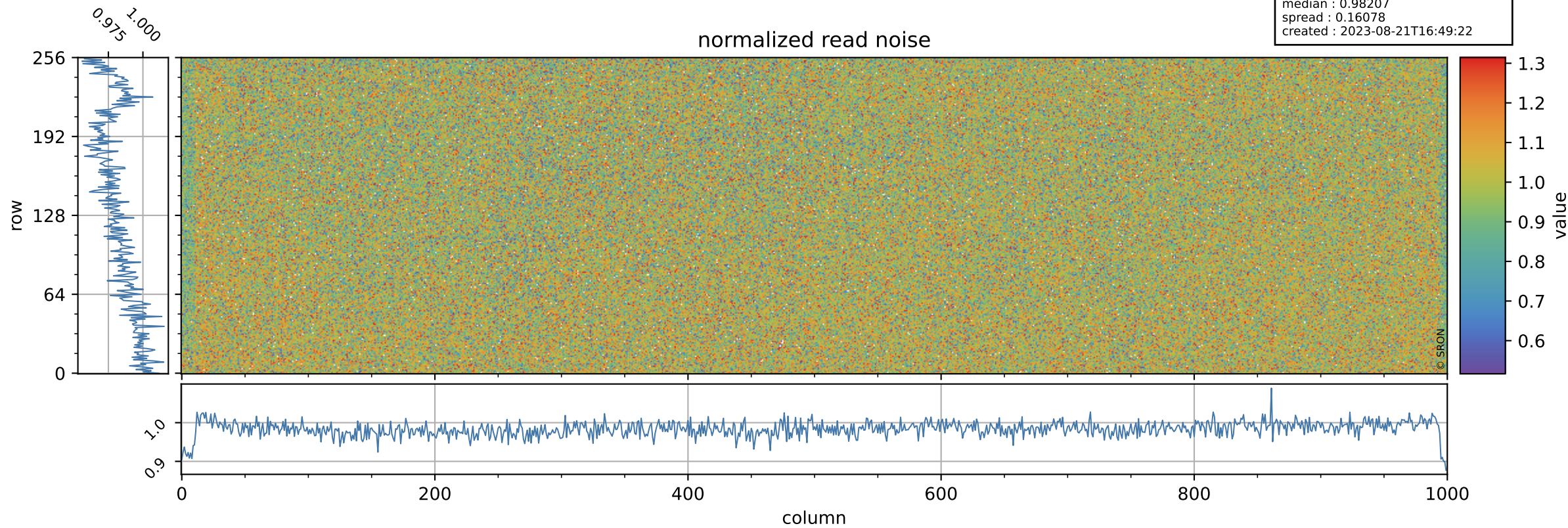
orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
median : 1.1316 e
spread : 0.065874 e
created : 2023-08-21T16:49:22



Tropomi SWIR background noise (swir)

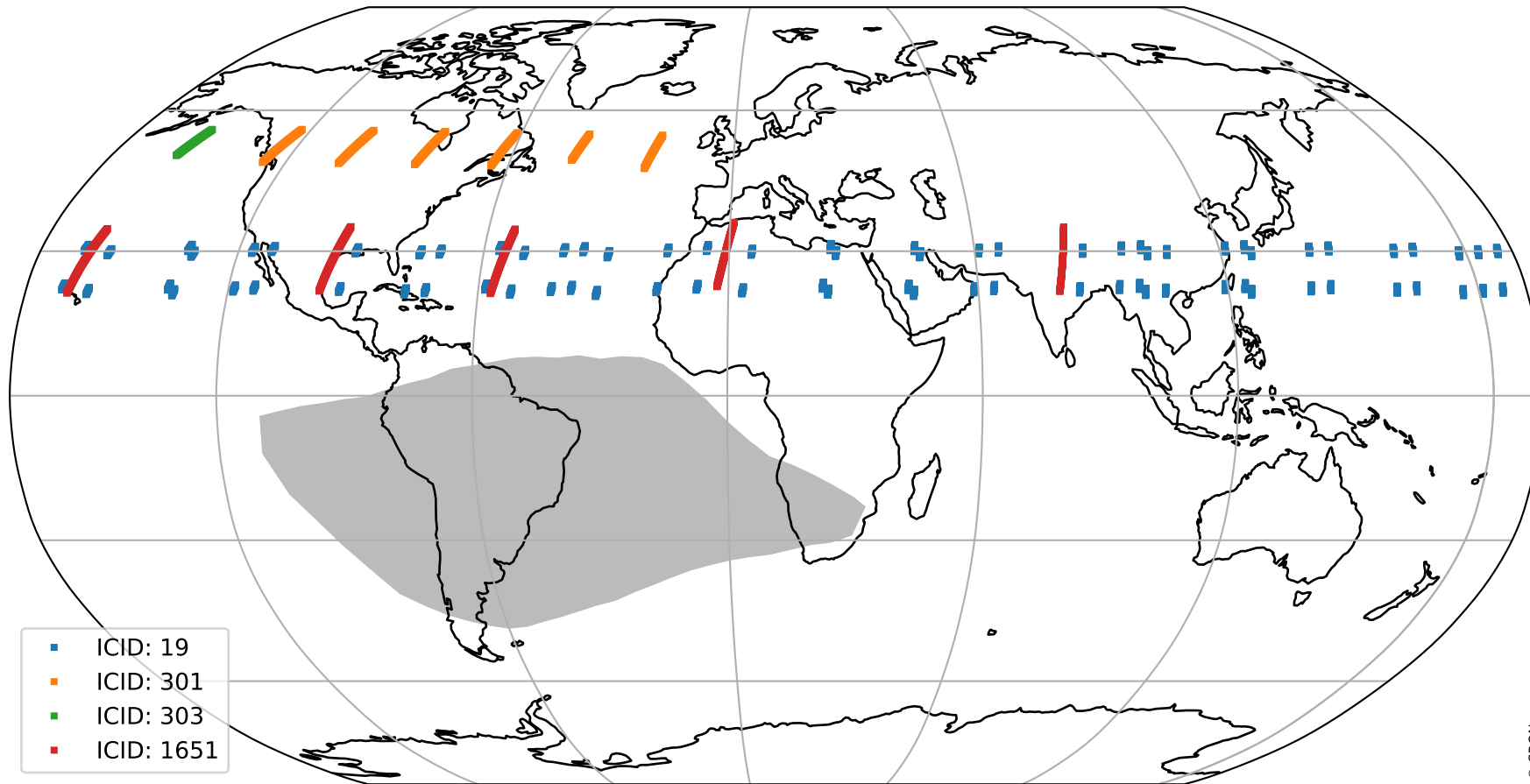
orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
median : 0.98207
spread : 0.16078
created : 2023-08-21T16:49:22

normalized read noise



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

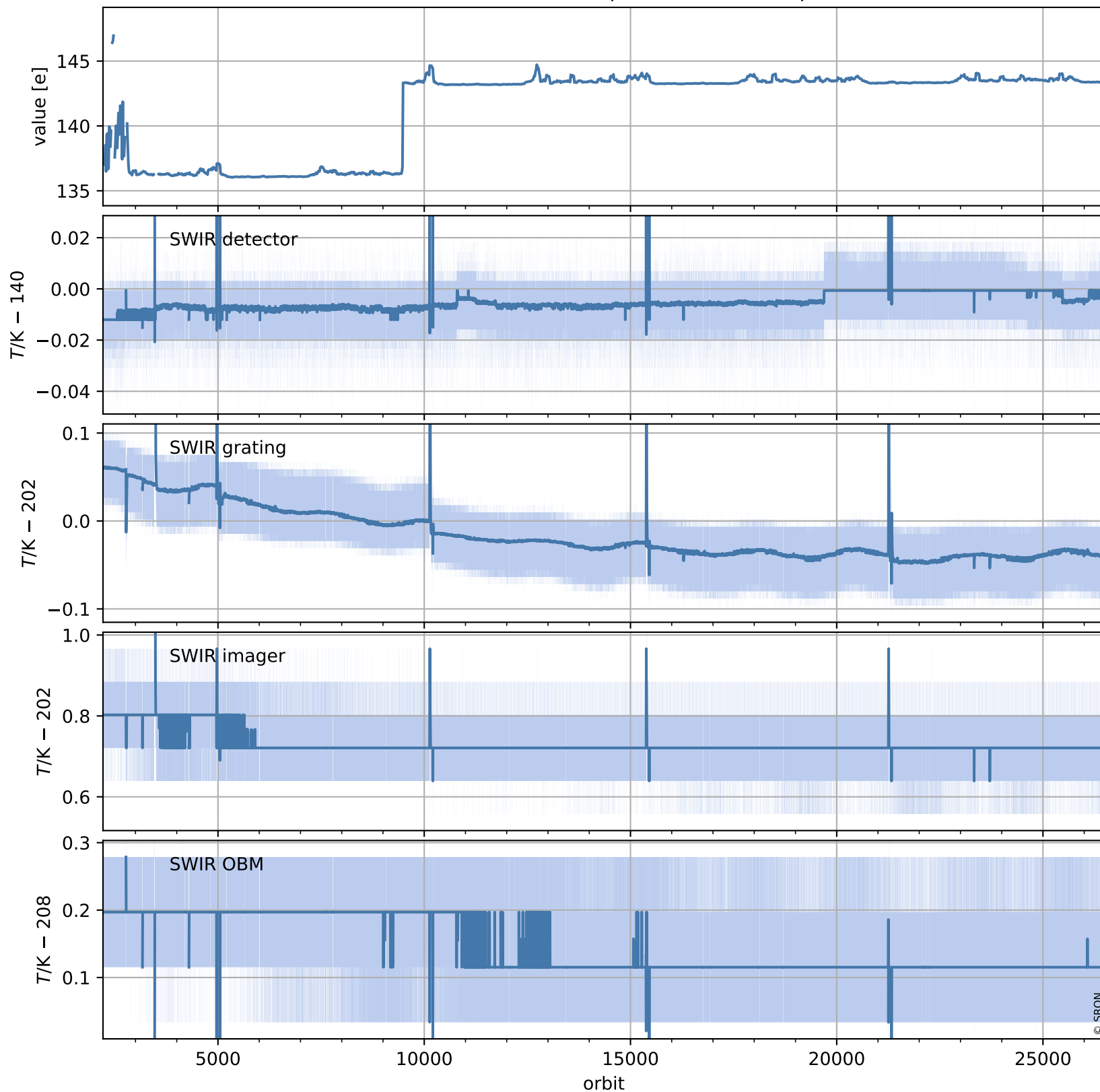
orbits : 12 in [26407, 26497]
coverage : 2022-11-18 / 2022-11-24
created : 2023-08-21T16:49:23



Tropomi SWIR background noise (swir)

orbits : [2212, 26497]
coverage : 2018-03-18 / 2022-11-24
created : 2023-08-21T16:49:23

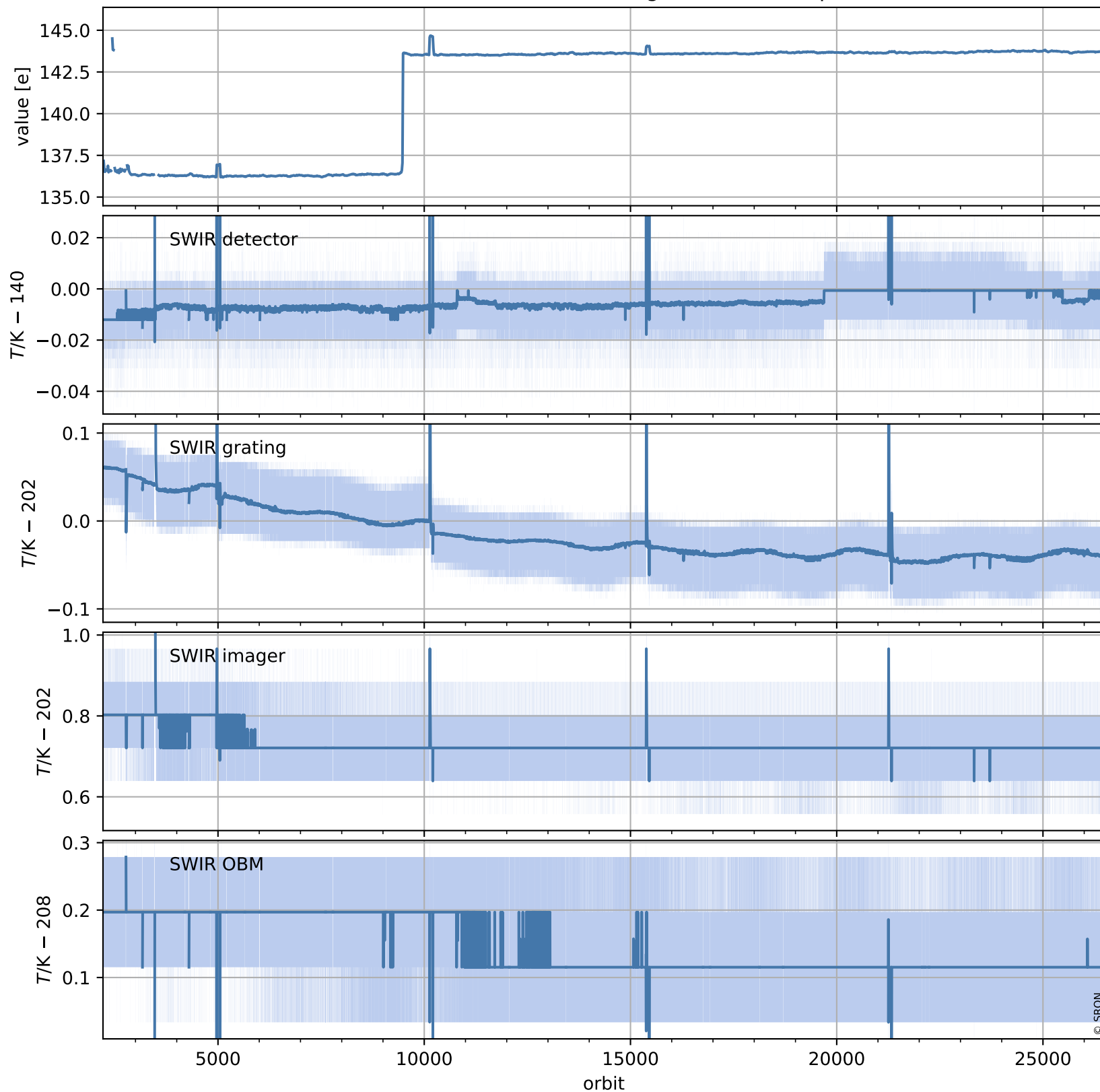
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26497]
coverage : 2018-03-18 / 2022-11-24
created : 2023-08-21T16:49:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26497]
coverage : 2018-03-18 / 2022-11-24
created : 2023-08-21T16:49:25

trend of normalized read-noise & temperatures

