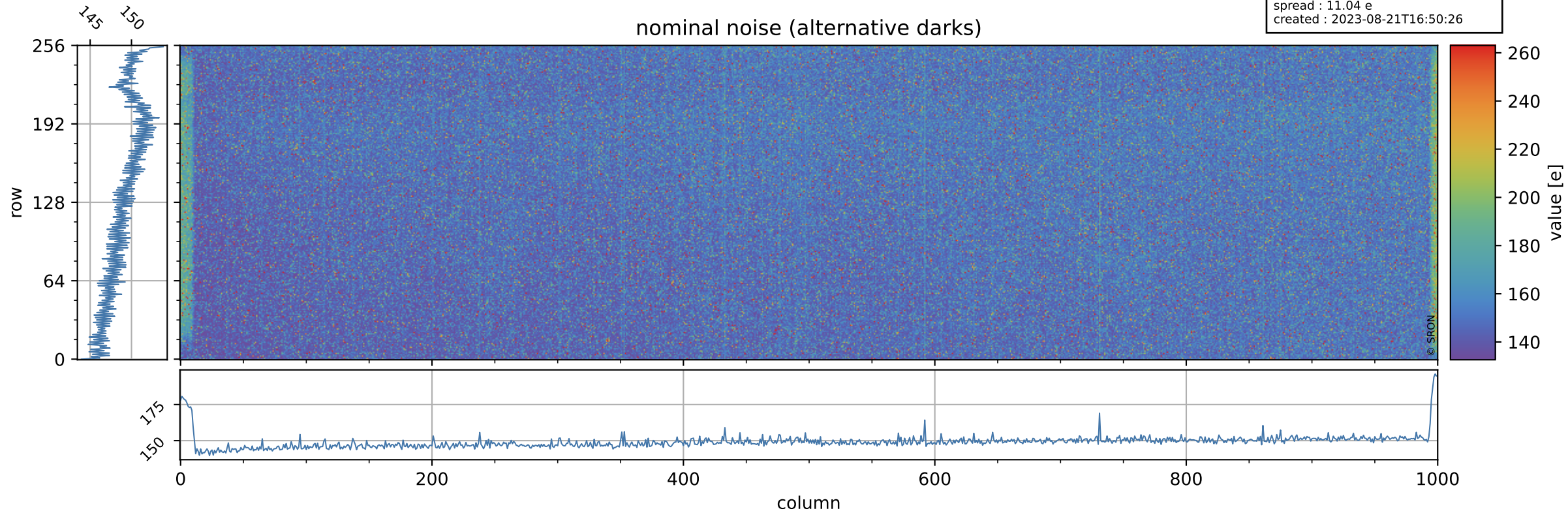


Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
n_coad, t_exp : 1, 1.0783
median : 148.97 e
spread : 11.04 e
created : 2023-08-21T16:50:26

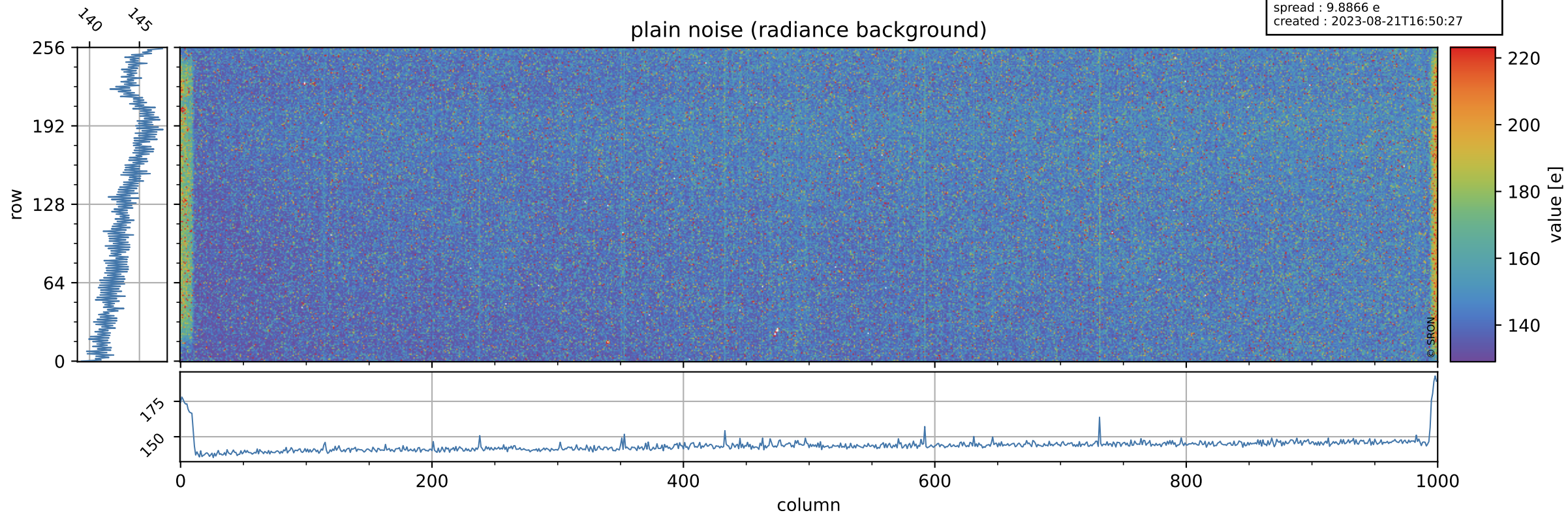
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8866 e
created : 2023-08-21T16:50:27

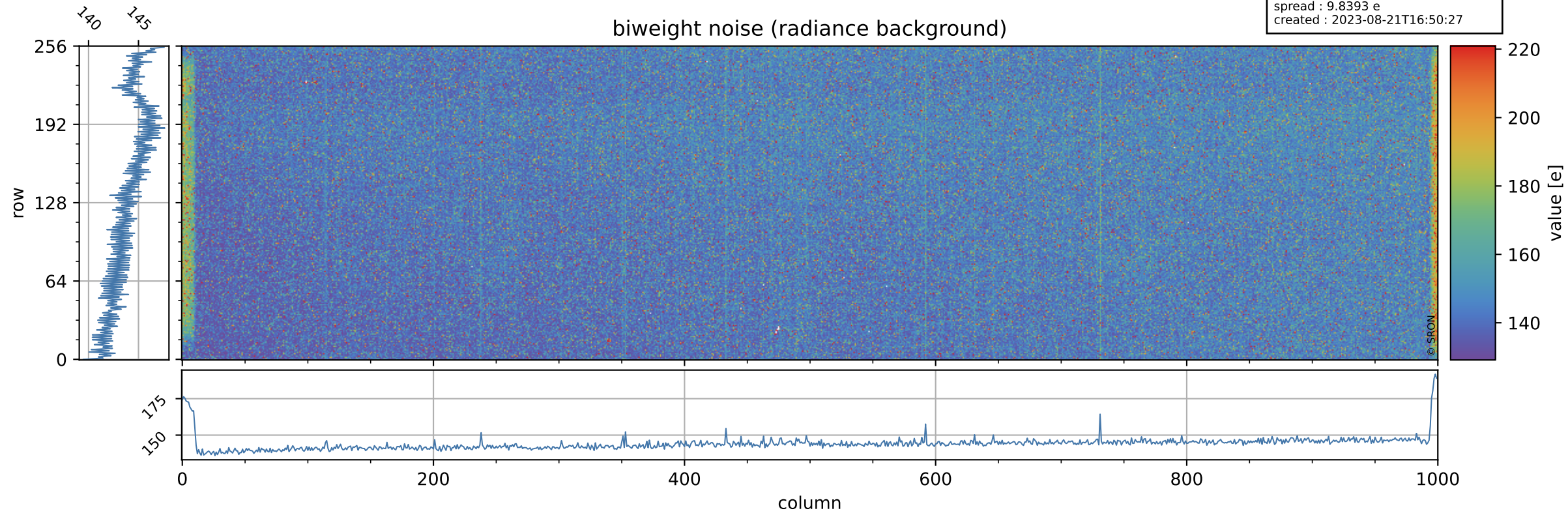
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.8393 e
created : 2023-08-21T16:50:27

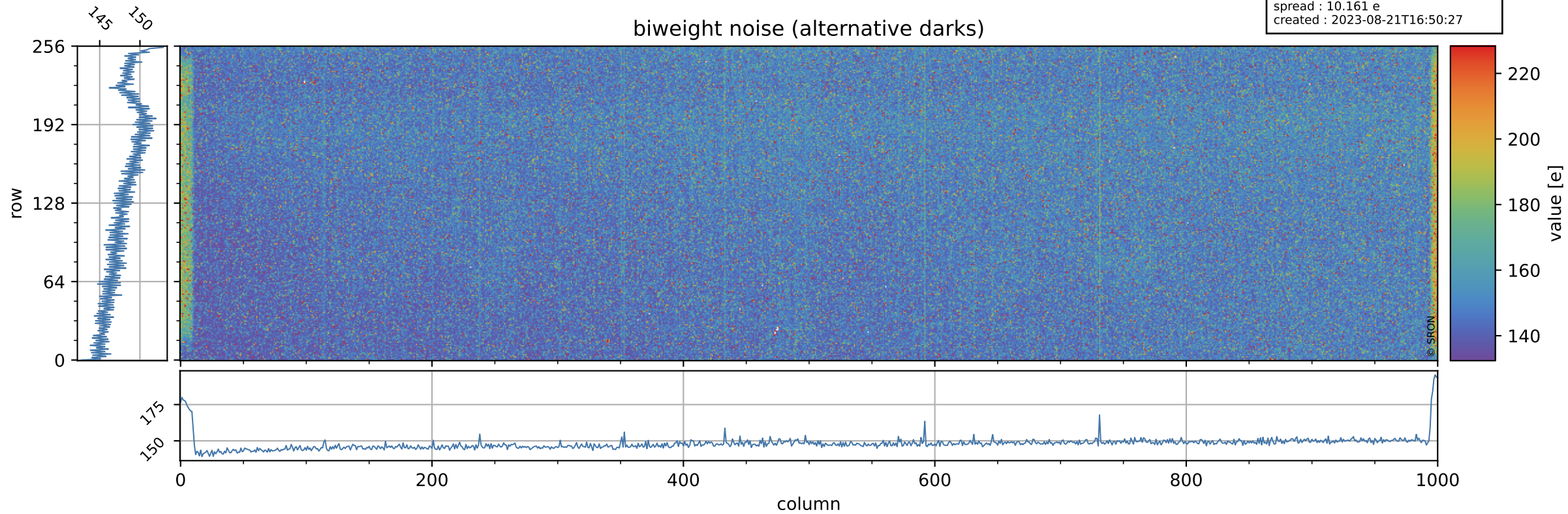
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.161 e
created : 2023-08-21T16:50:27

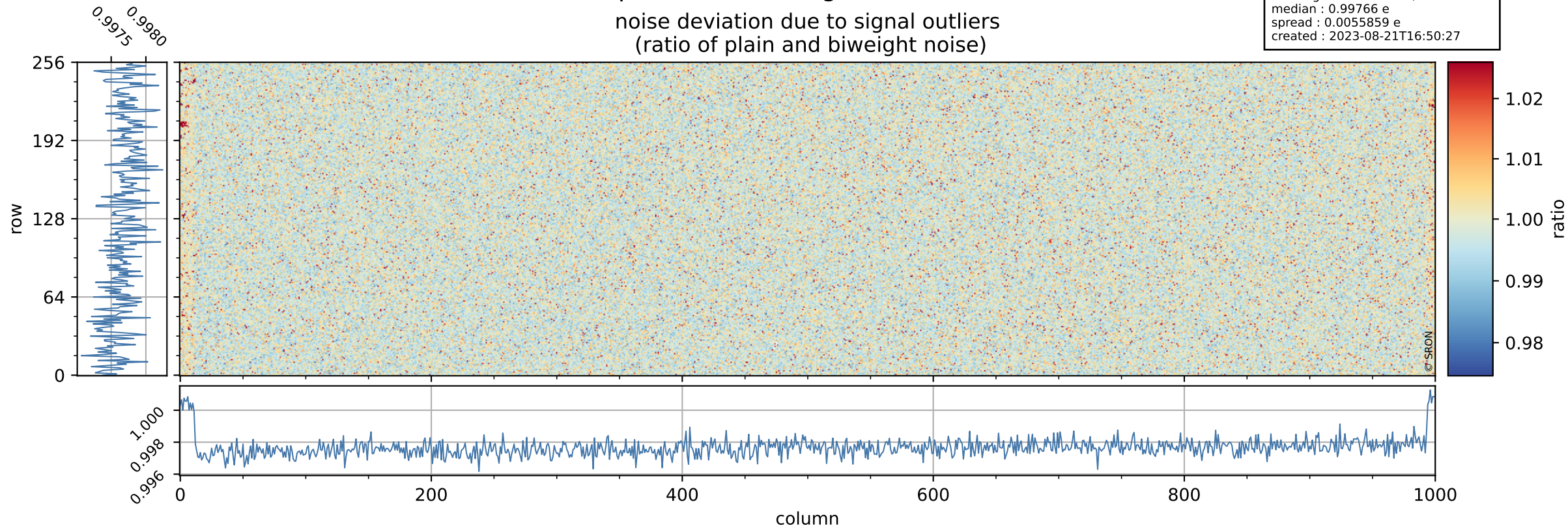
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

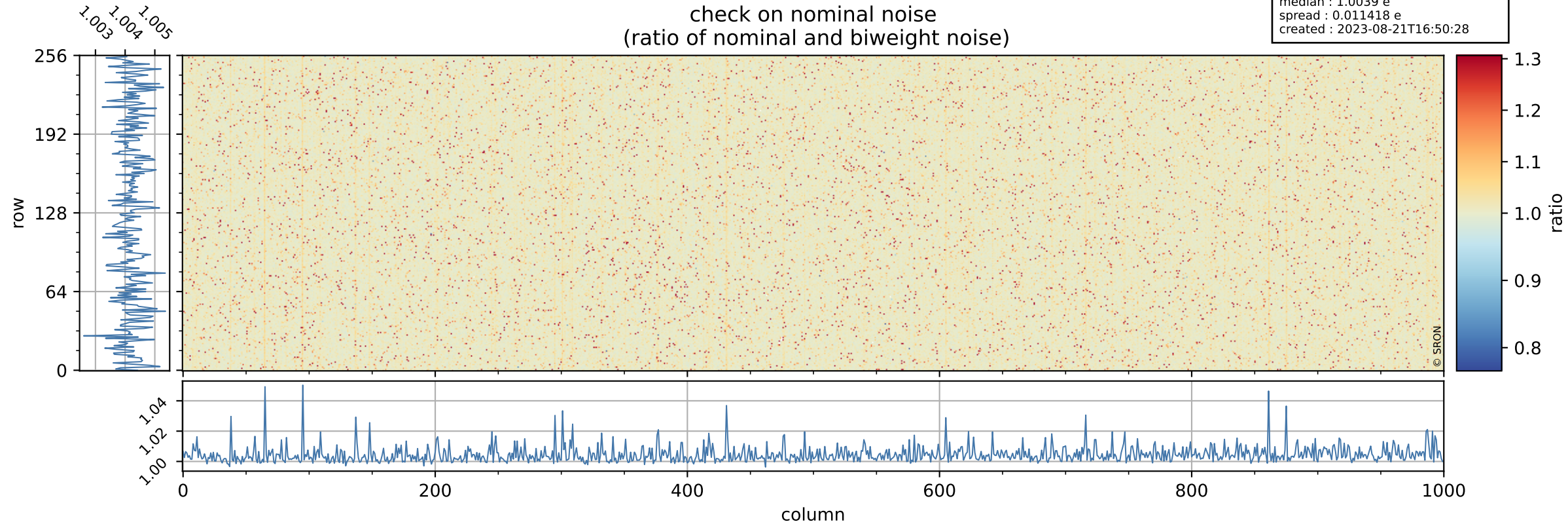
orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
median : 0.99766 e
spread : 0.0055859 e
created : 2023-08-21T16:50:27



Tropomi SWIR background noise (swir)

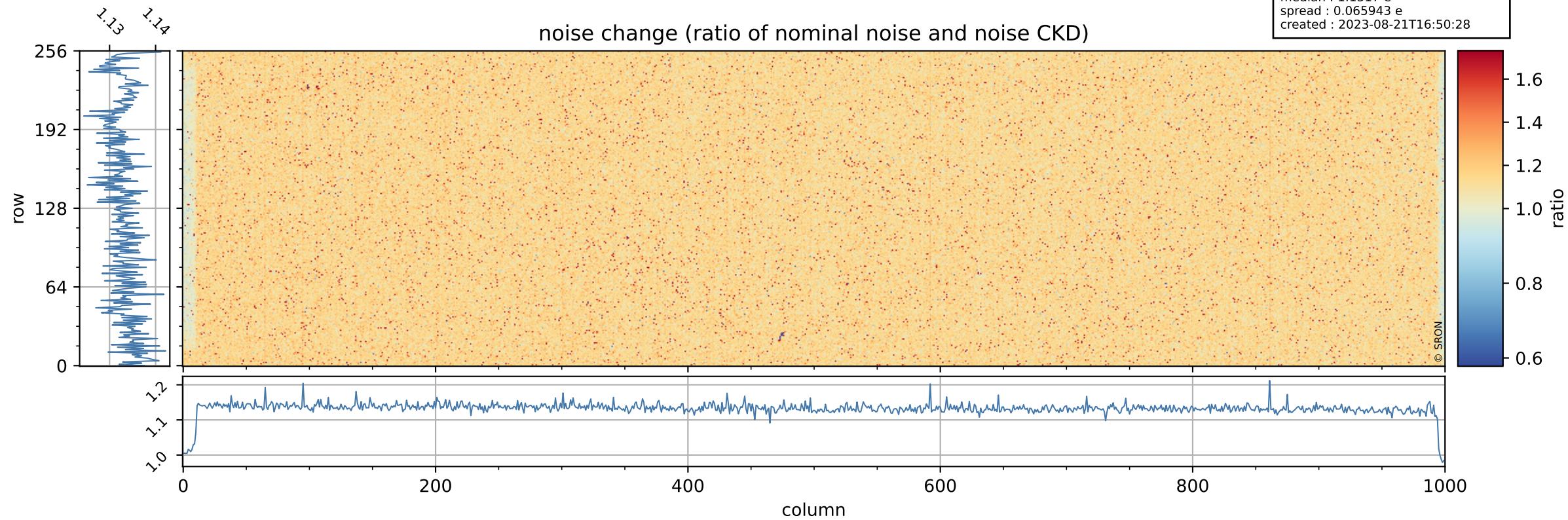
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
median : 1.0039 e
spread : 0.011418 e
created : 2023-08-21T16:50:28



Tropomi SWIR background noise (swir)

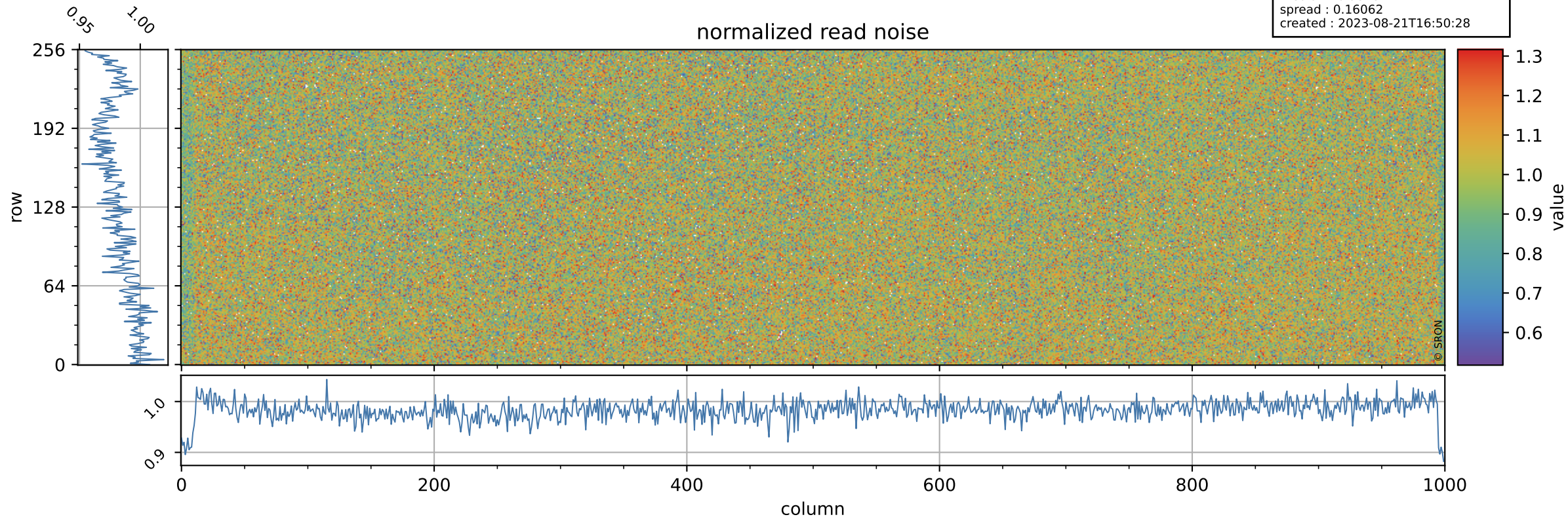
orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
median : 1.1317 e
spread : 0.065943 e
created : 2023-08-21T16:50:28



Tropomi SWIR background noise (swir)

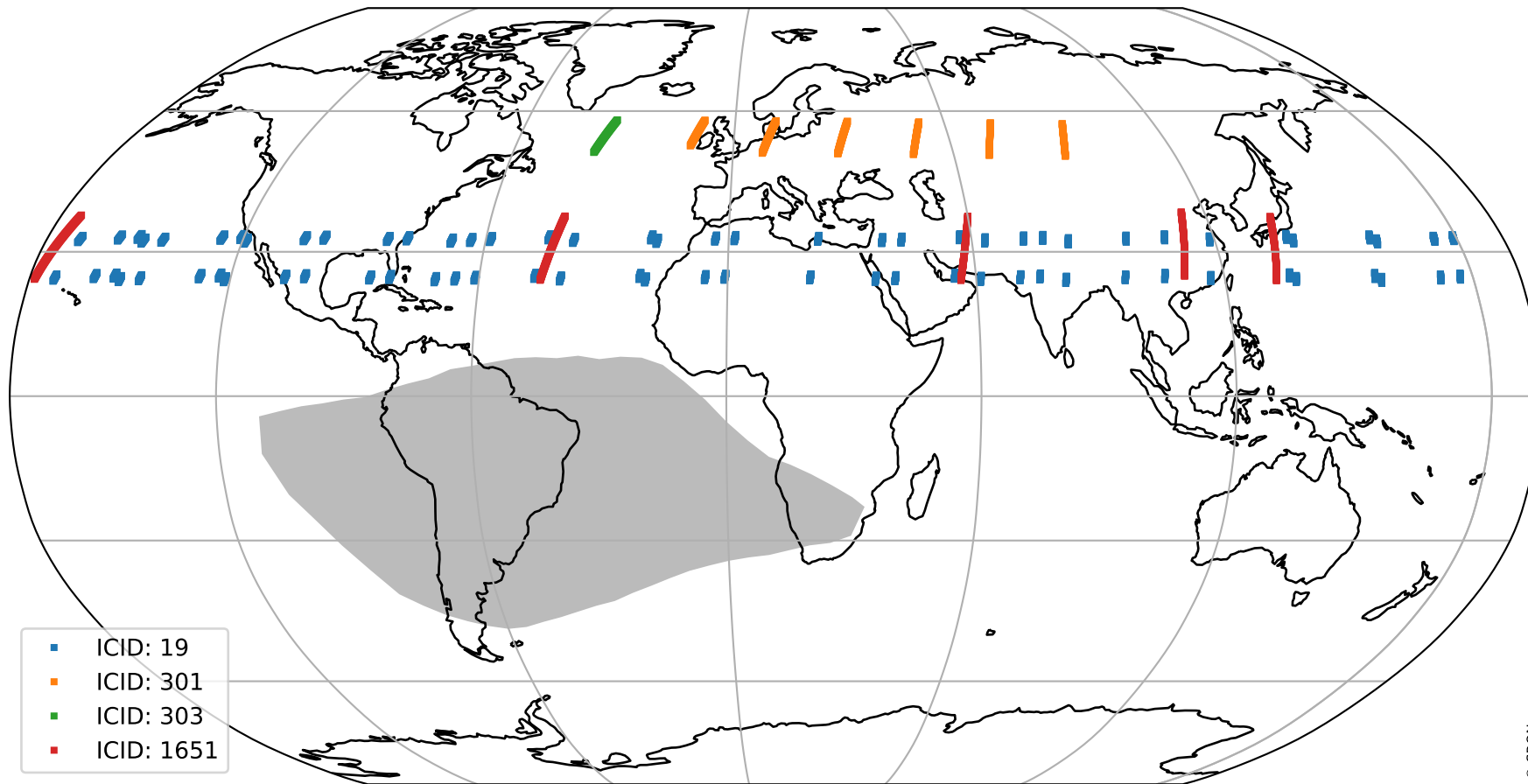
orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
median : 0.9818
spread : 0.16062
created : 2023-08-21T16:50:28

normalized read noise



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

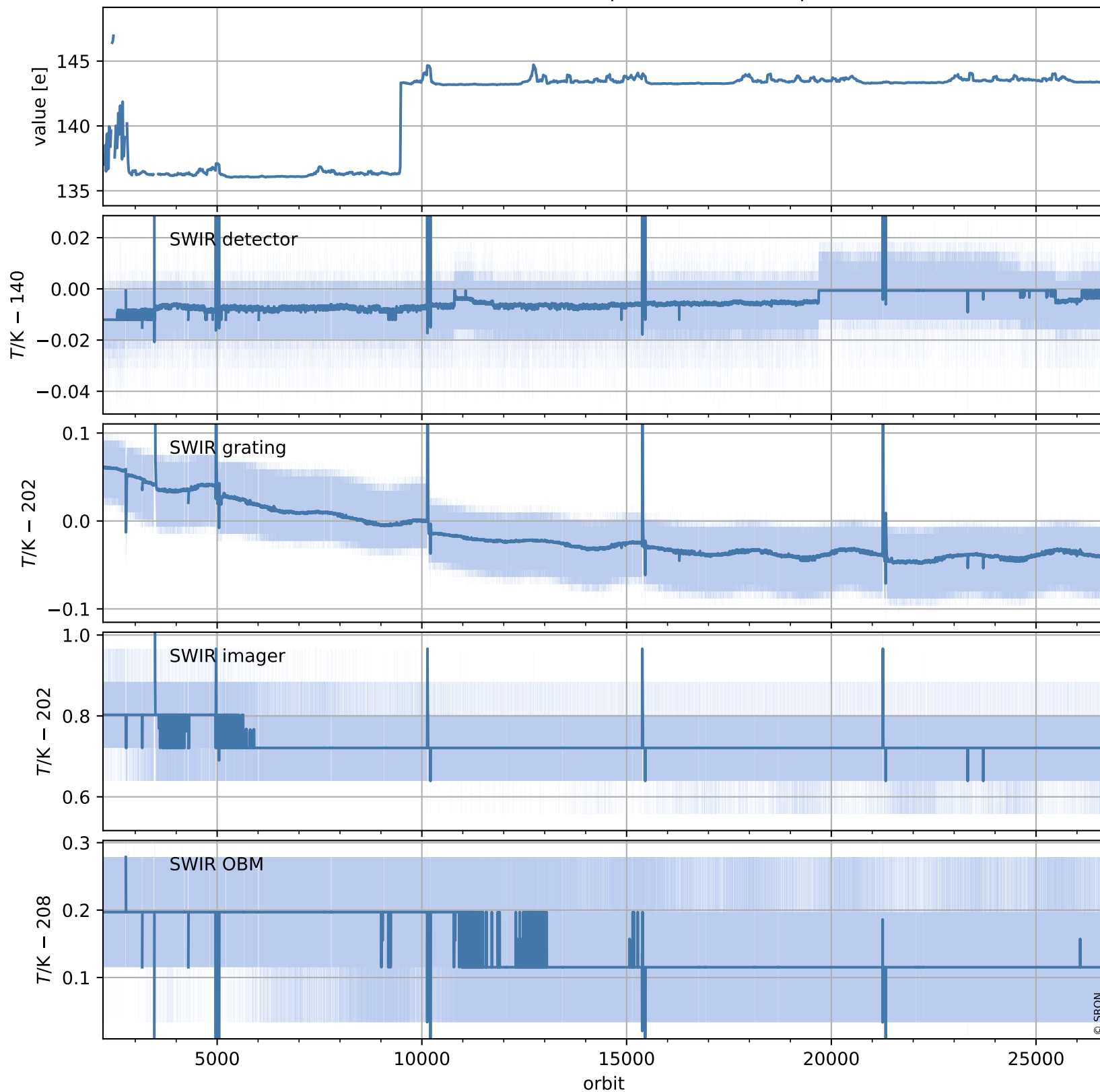
orbits : 12 in [26587, 26677]
coverage : 2022-11-30 / 2022-12-06
created : 2023-08-21T16:50:29



Tropomi SWIR background noise (swir)

orbits : [2212, 26677]
coverage : 2018-03-18 / 2022-12-06
created : 2023-08-21T16:50:29

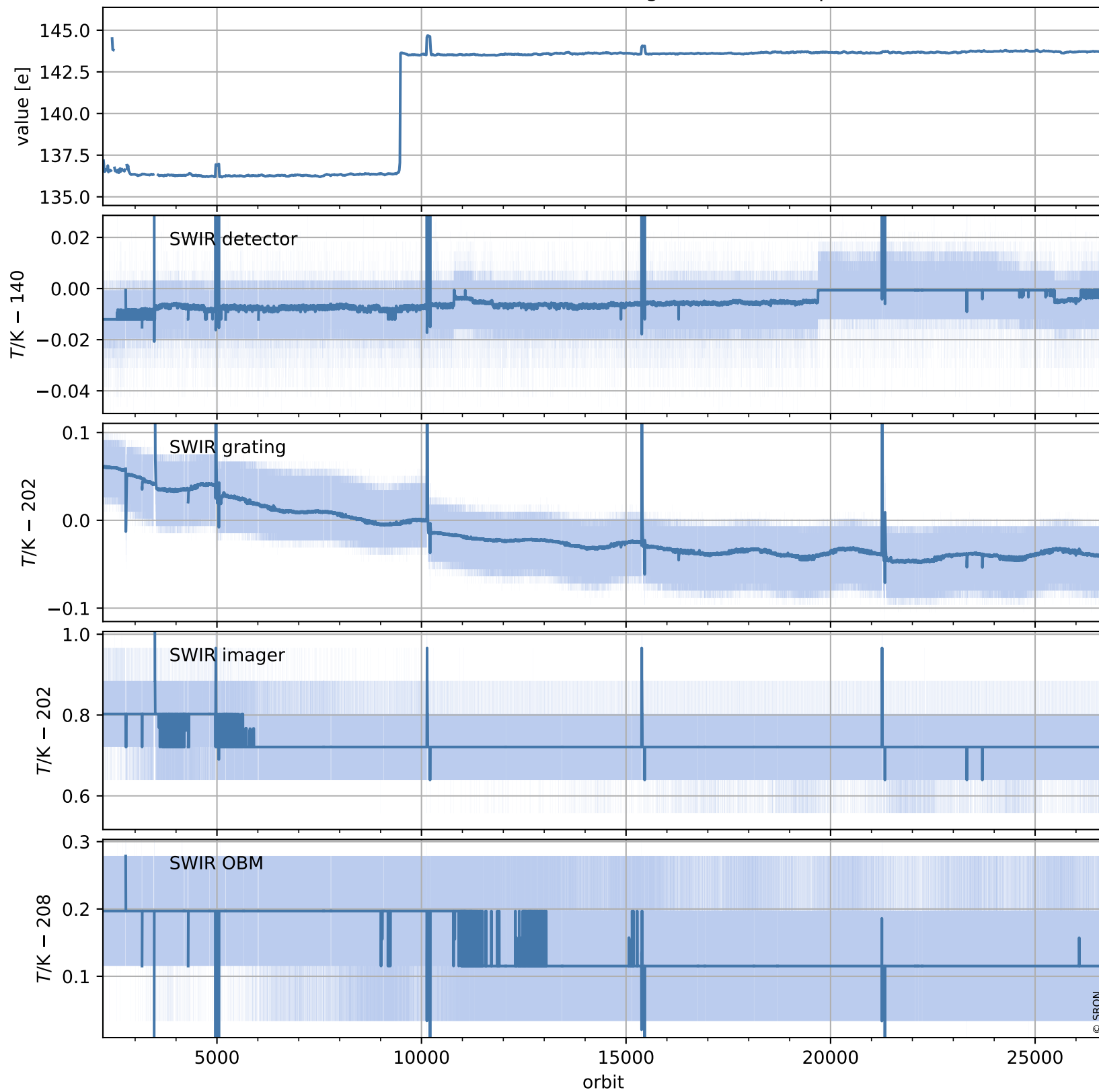
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26677]
coverage : 2018-03-18 / 2022-12-06
created : 2023-08-21T16:50:30

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26677]
coverage : 2018-03-18 / 2022-12-06
created : 2023-08-21T16:50:31

trend of normalized read-noise & temperatures

