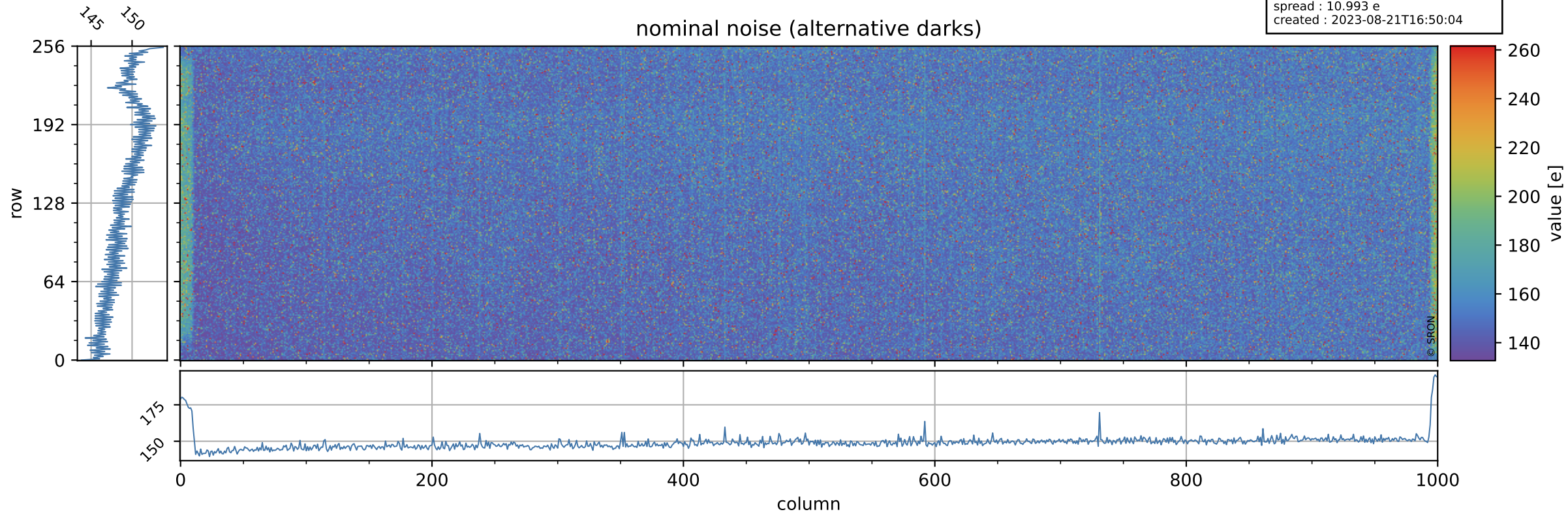


Tropomi SWIR background noise (swir)

orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 10.993 e
created : 2023-08-21T16:50:04

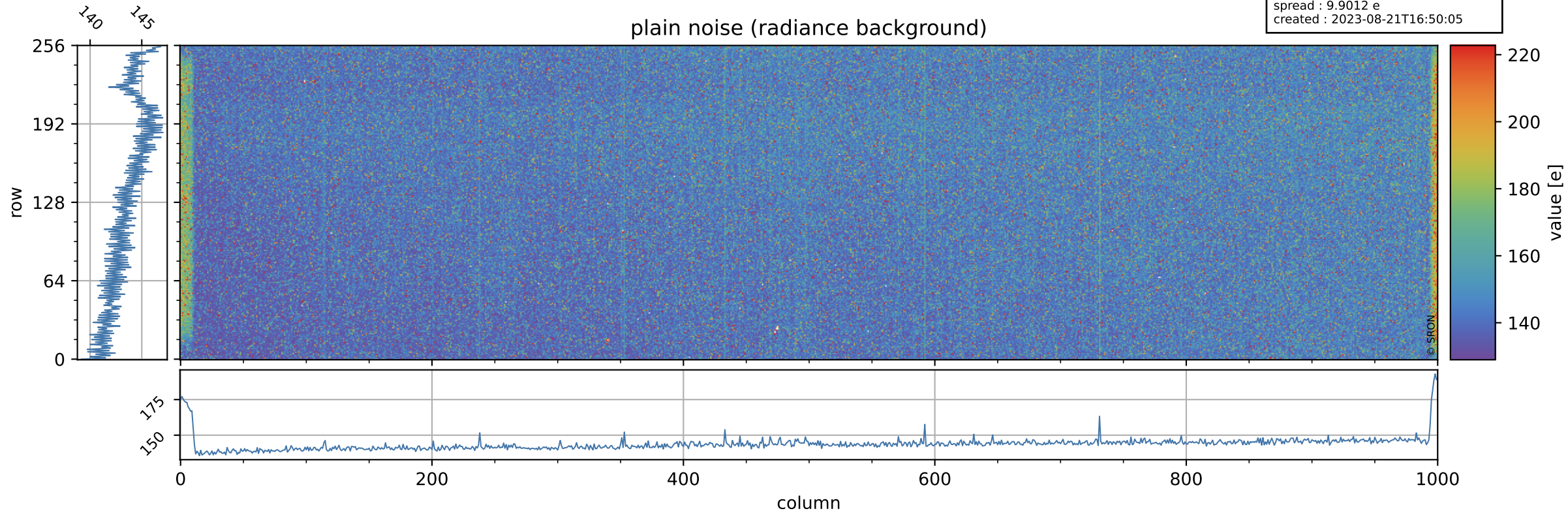
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.9012 e
created : 2023-08-21T16:50:05

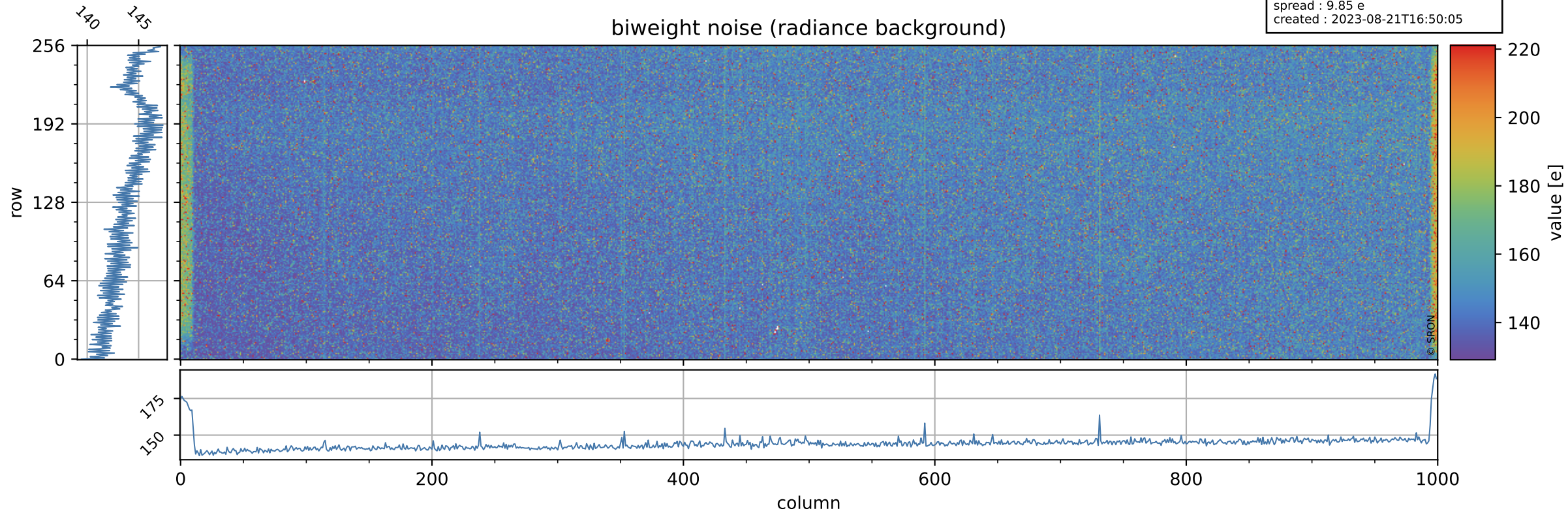
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.85 e
created : 2023-08-21T16:50:05

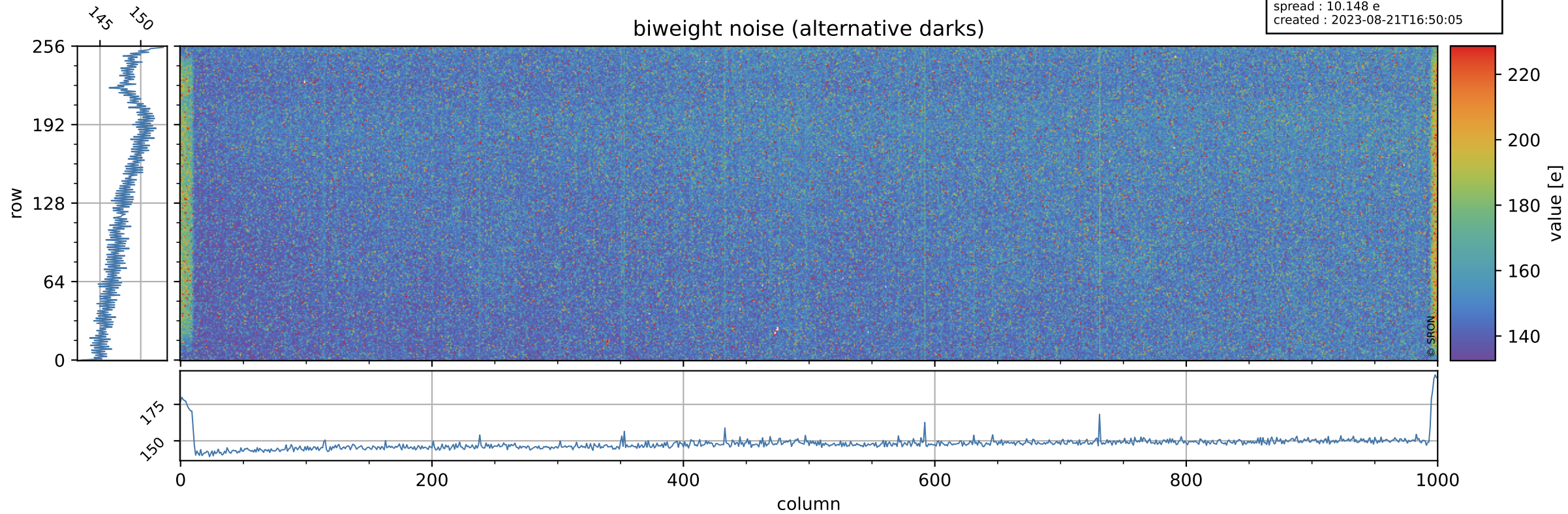
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.148 e
created : 2023-08-21T16:50:05

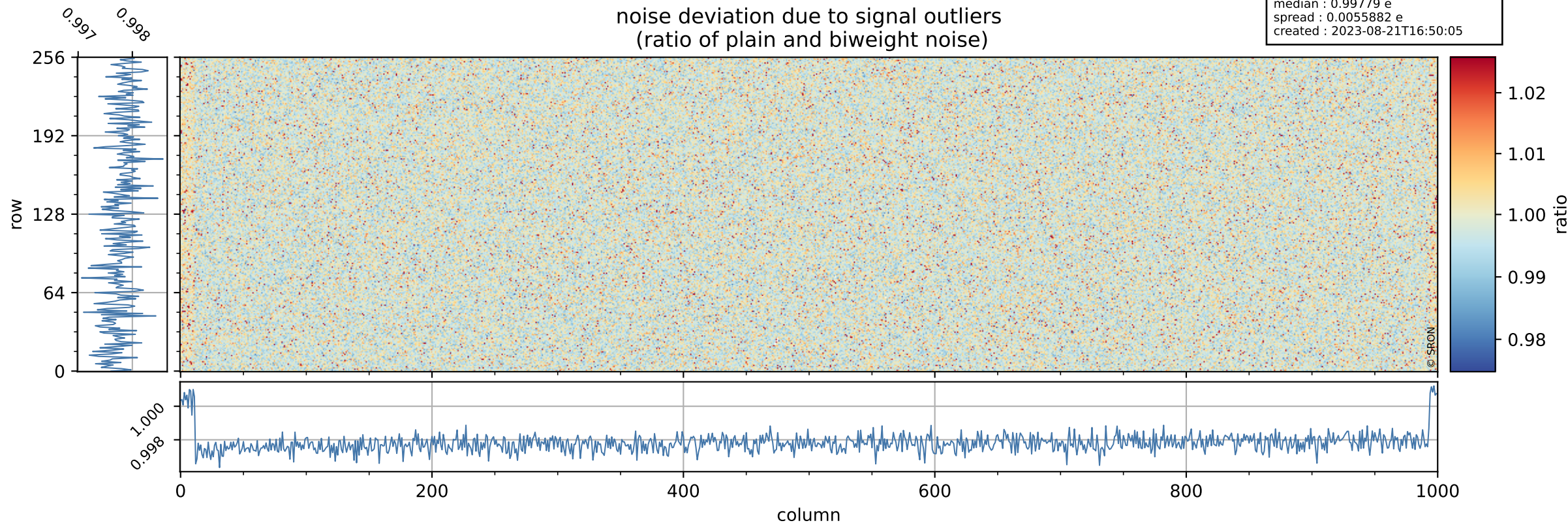
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

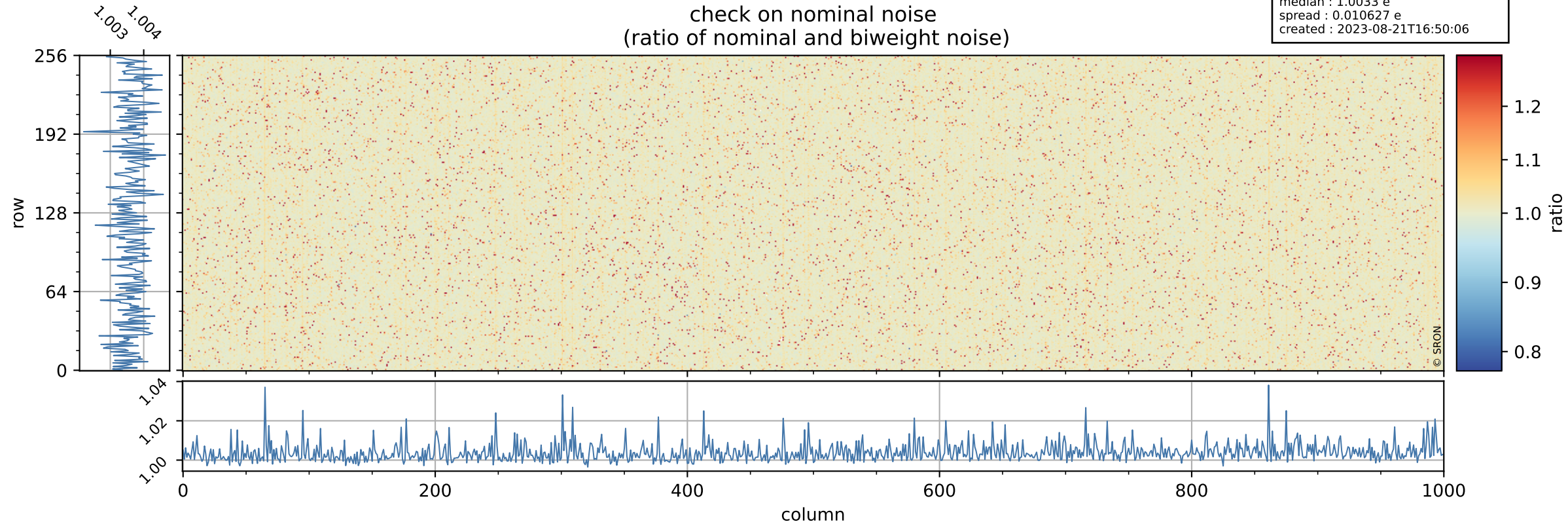
orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
median : 0.99779 e
spread : 0.0055882 e
created : 2023-08-21T16:50:05



Tropomi SWIR background noise (swir)

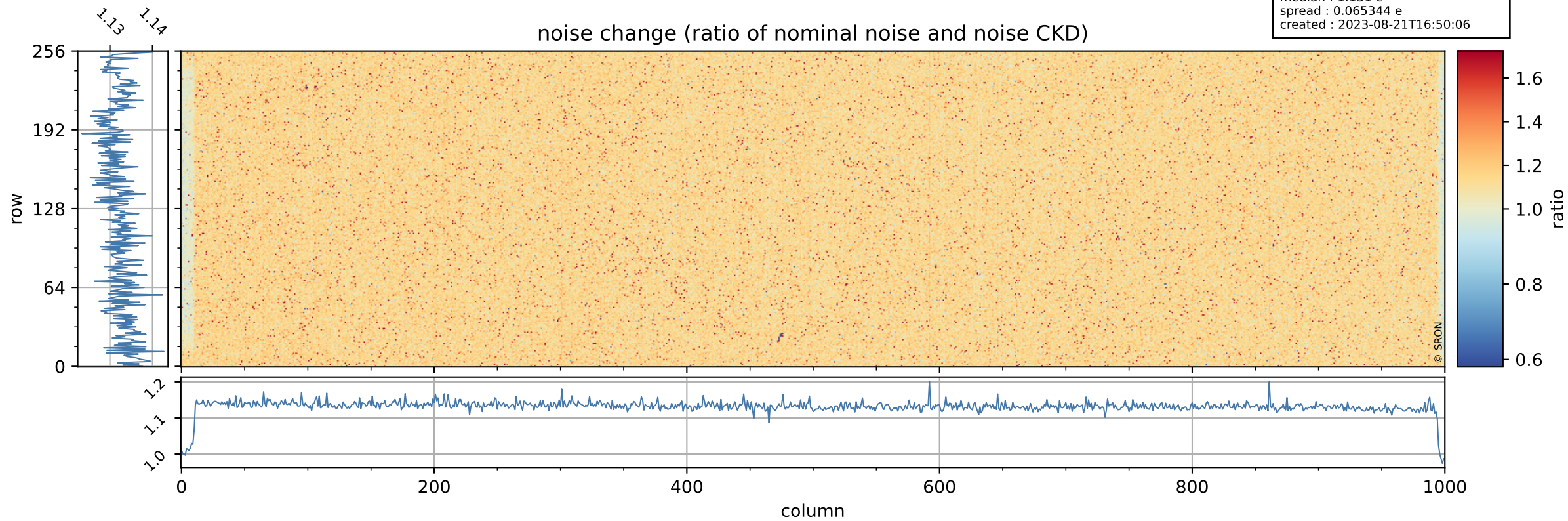
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
median : 1.0033 e
spread : 0.010627 e
created : 2023-08-21T16:50:06



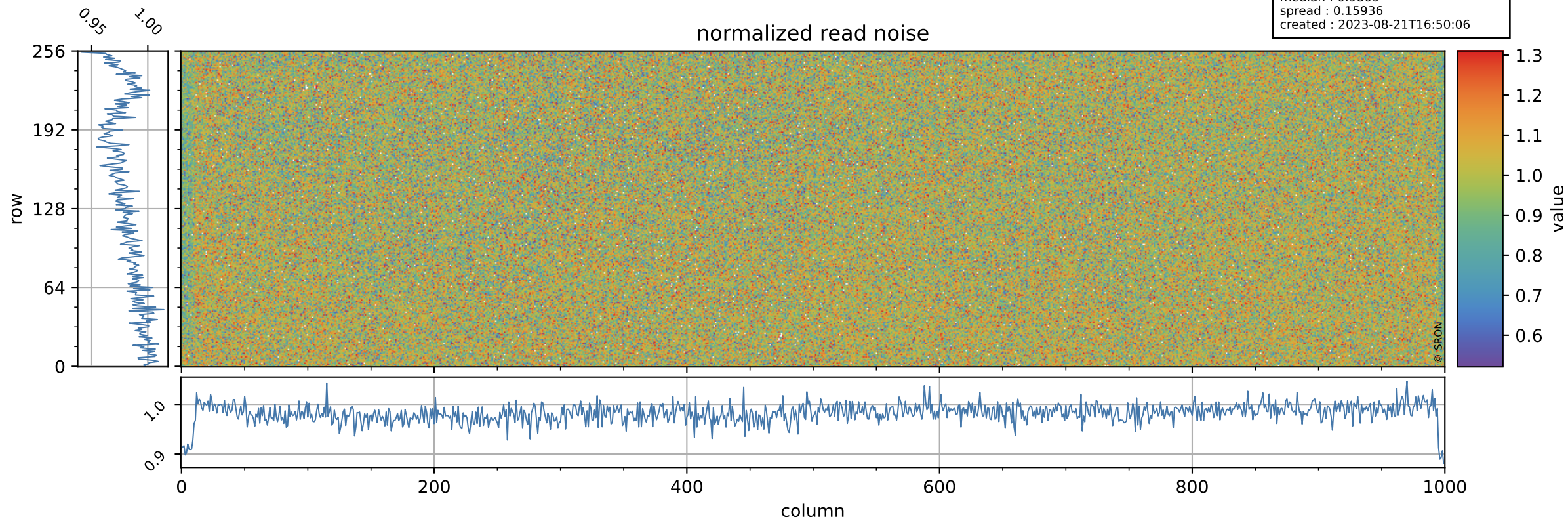
Tropomi SWIR background noise (swir)

orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
median : 1.131 e
spread : 0.065344 e
created : 2023-08-21T16:50:06



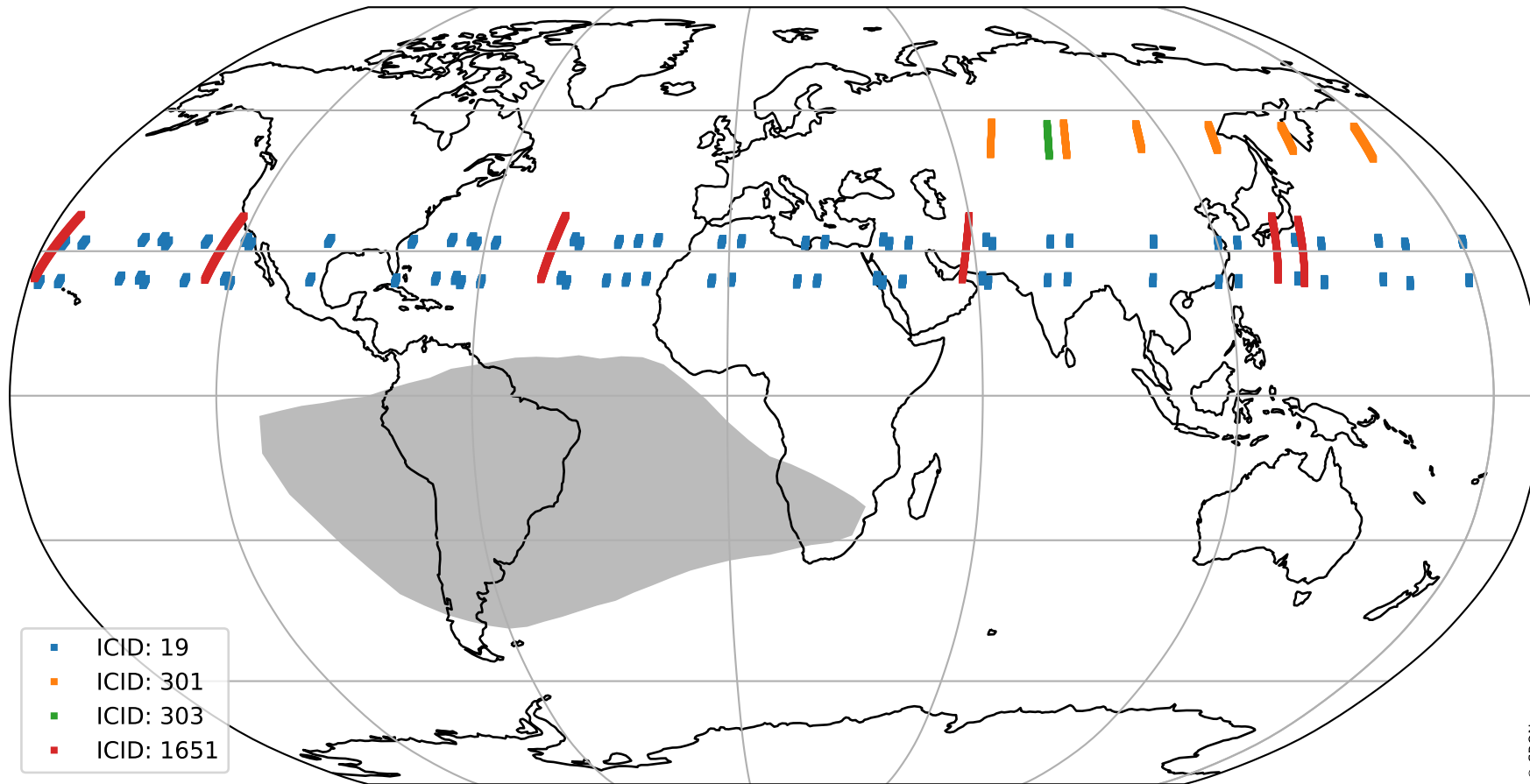
Tropomi SWIR background noise (swir)

orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
median : 0.9809
spread : 0.15936
created : 2023-08-21T16:50:06



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

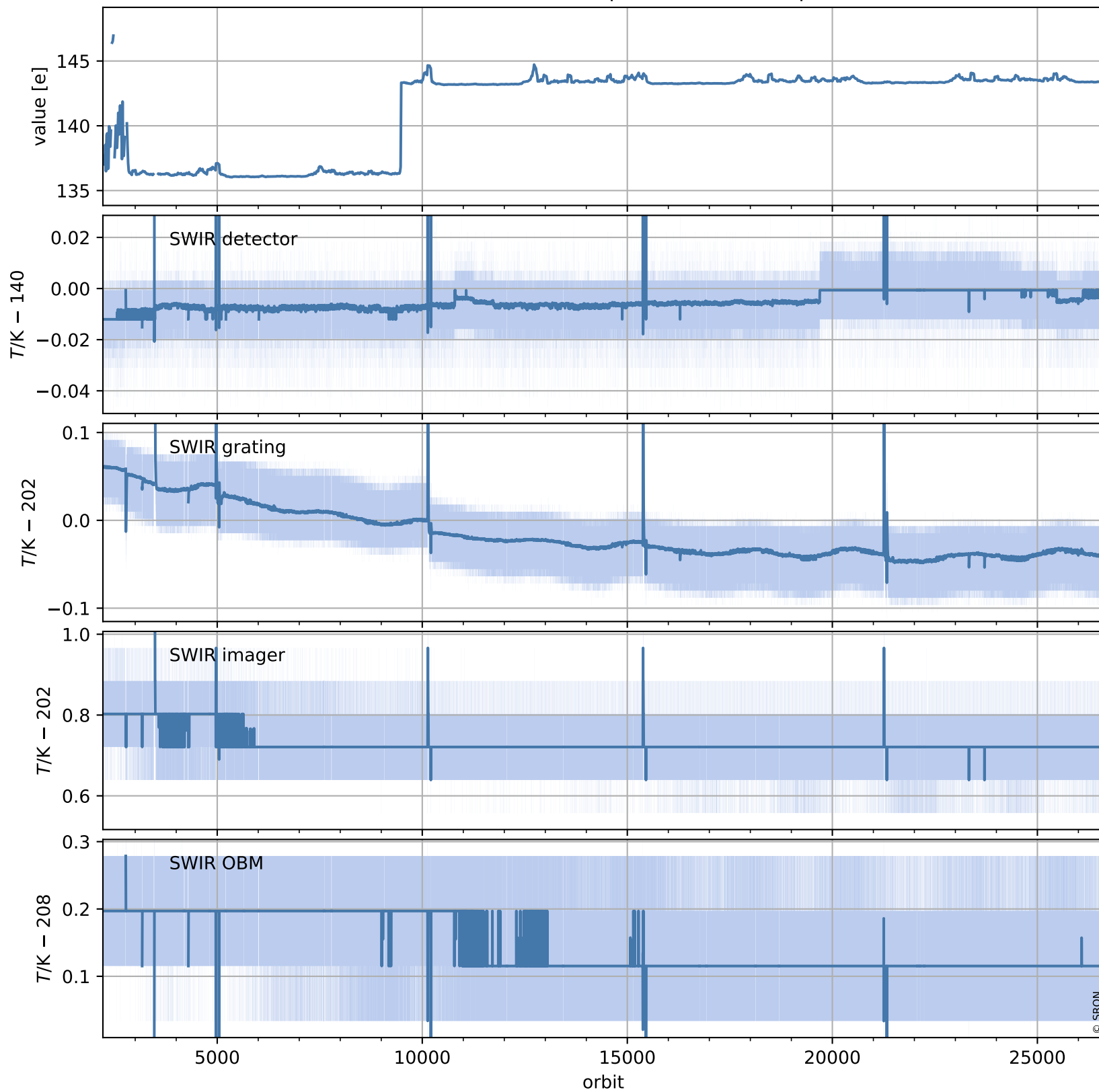
orbits : 13 in [26527, 26617]
coverage : 2022-11-26 / 2022-12-02
created : 2023-08-21T16:50:07



Tropomi SWIR background noise (swir)

orbits : [2212, 26617]
coverage : 2018-03-18 / 2022-12-02
created : 2023-08-21T16:50:07

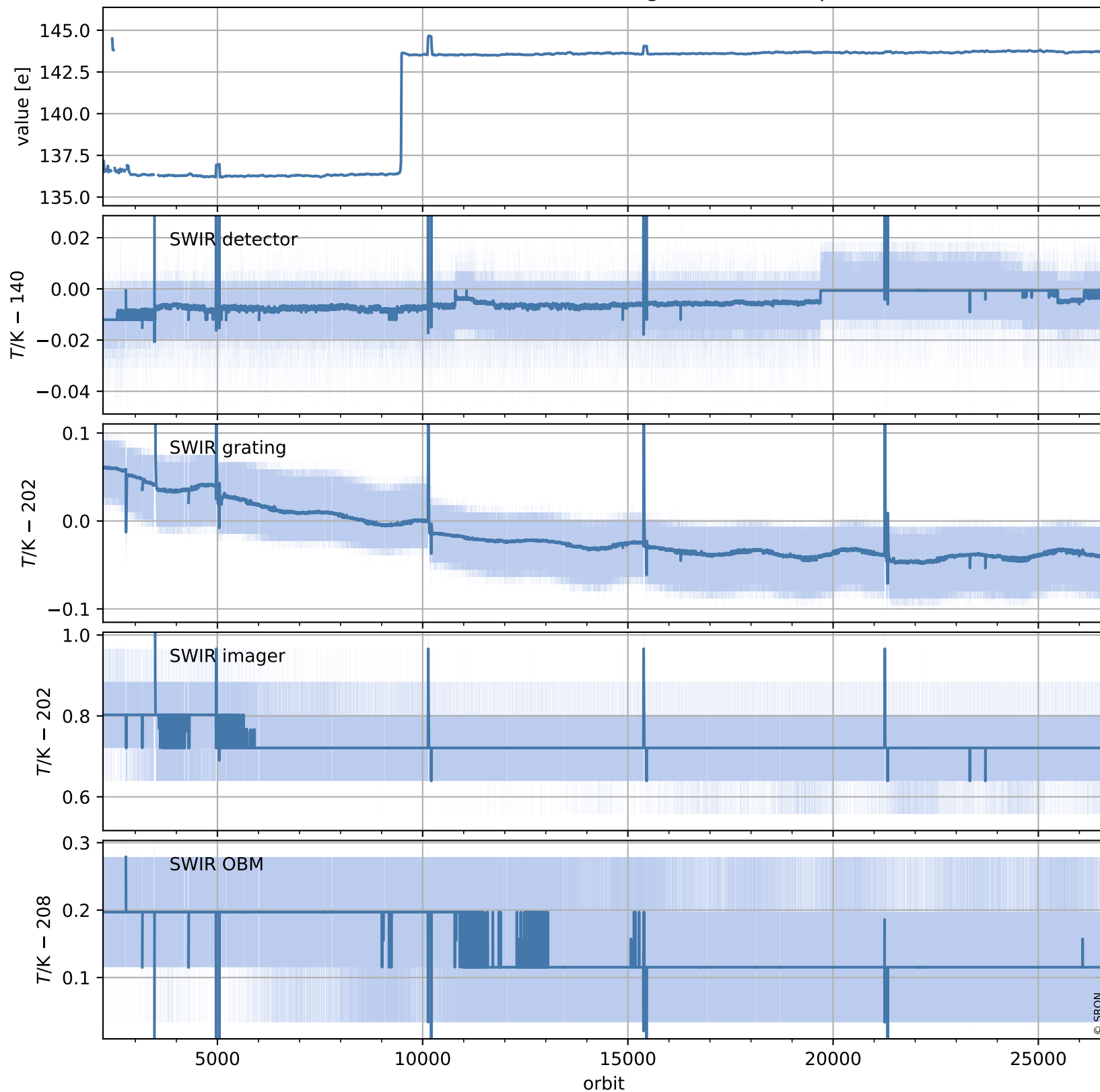
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26617]
coverage : 2018-03-18 / 2022-12-02
created : 2023-08-21T16:50:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26617]
coverage : 2018-03-18 / 2022-12-02
created : 2023-08-21T16:50:09

trend of normalized read-noise & temperatures

