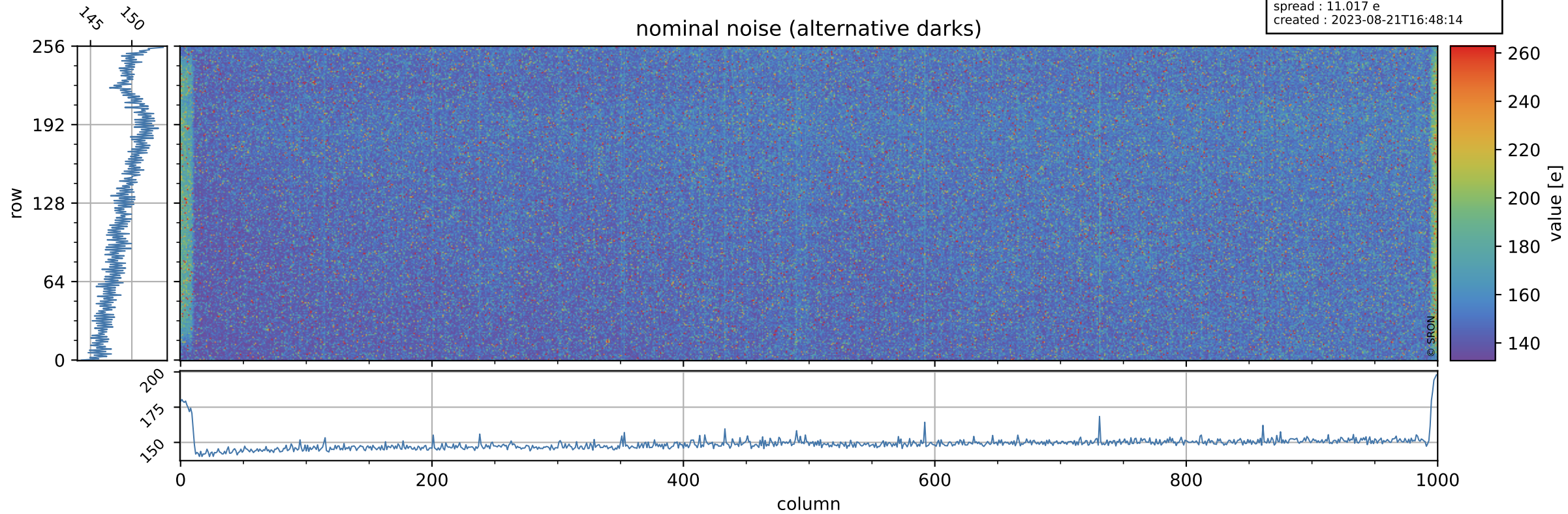


Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
n_coad, t_exp : 1, 1.0783
median : 148.91 e
spread : 11.017 e
created : 2023-08-21T16:48:14

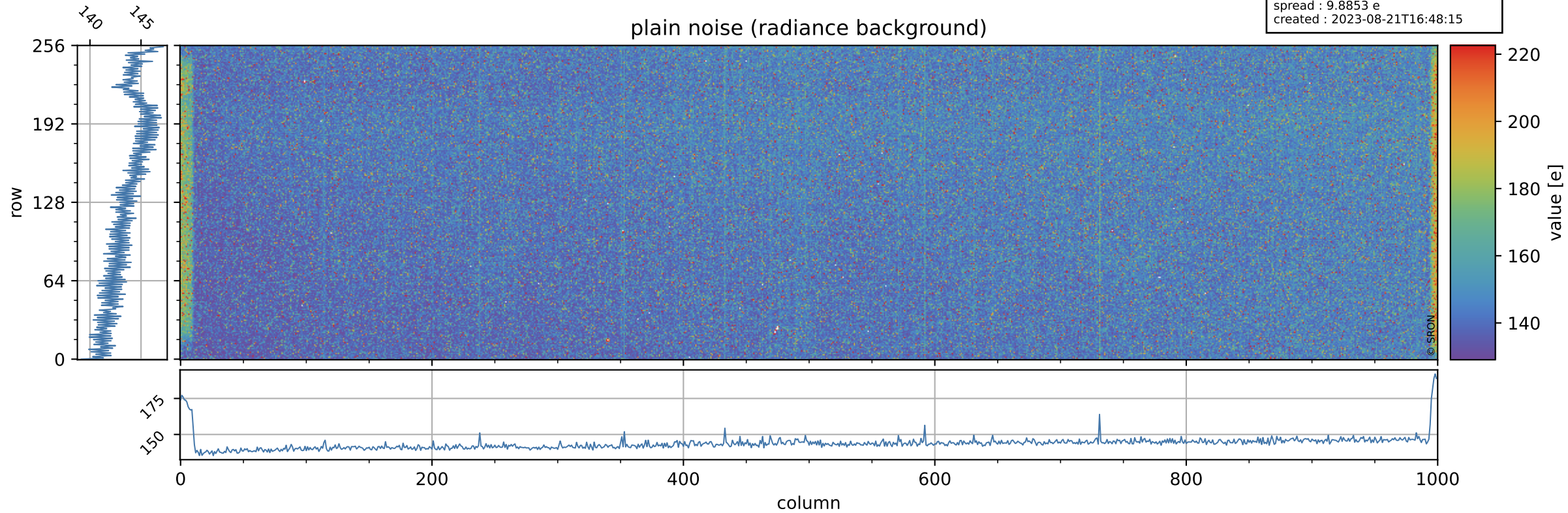
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8853 e
created : 2023-08-21T16:48:15

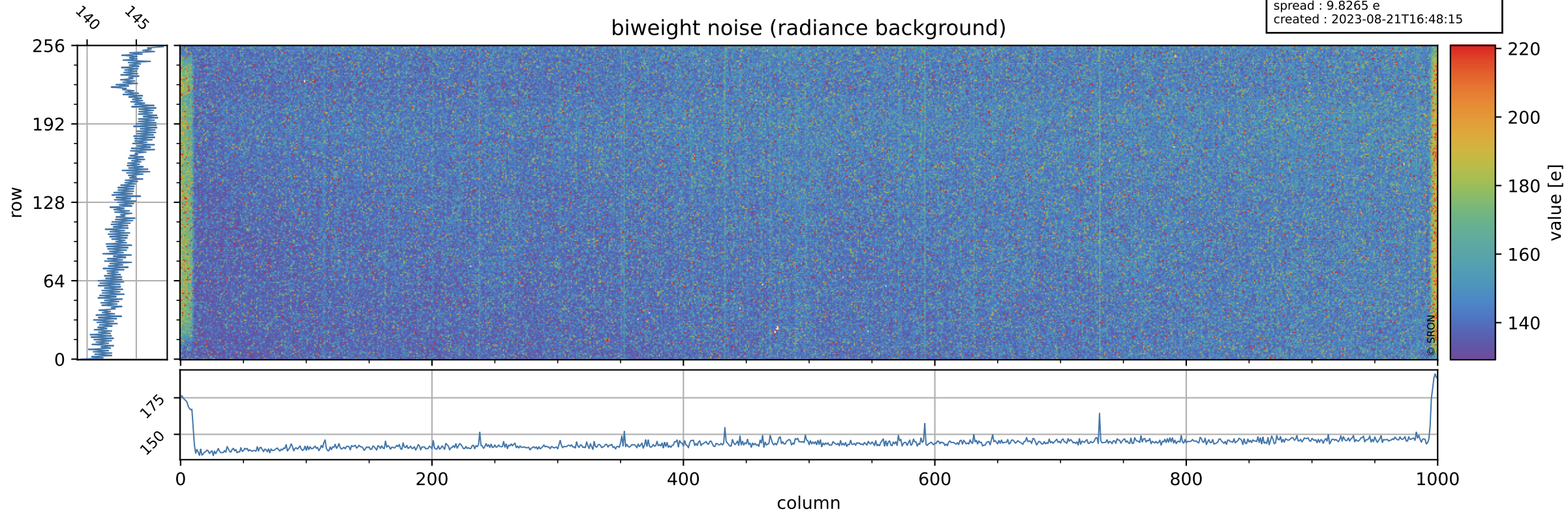
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8265 e
created : 2023-08-21T16:48:15

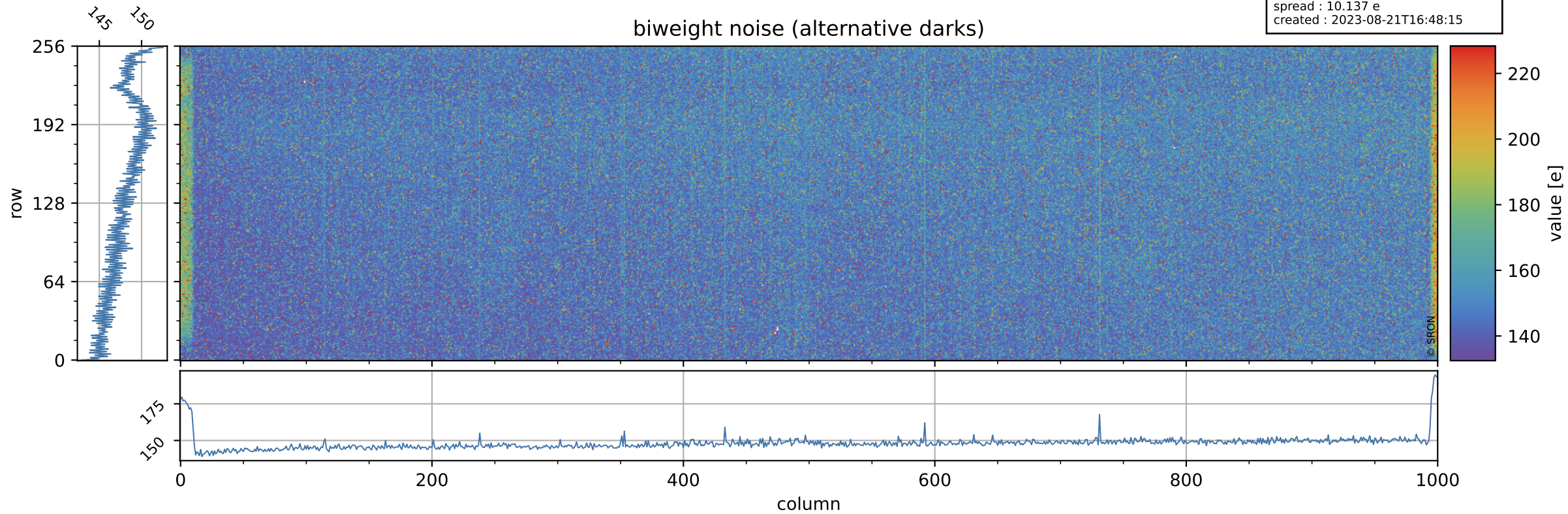
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.137 e
created : 2023-08-21T16:48:15

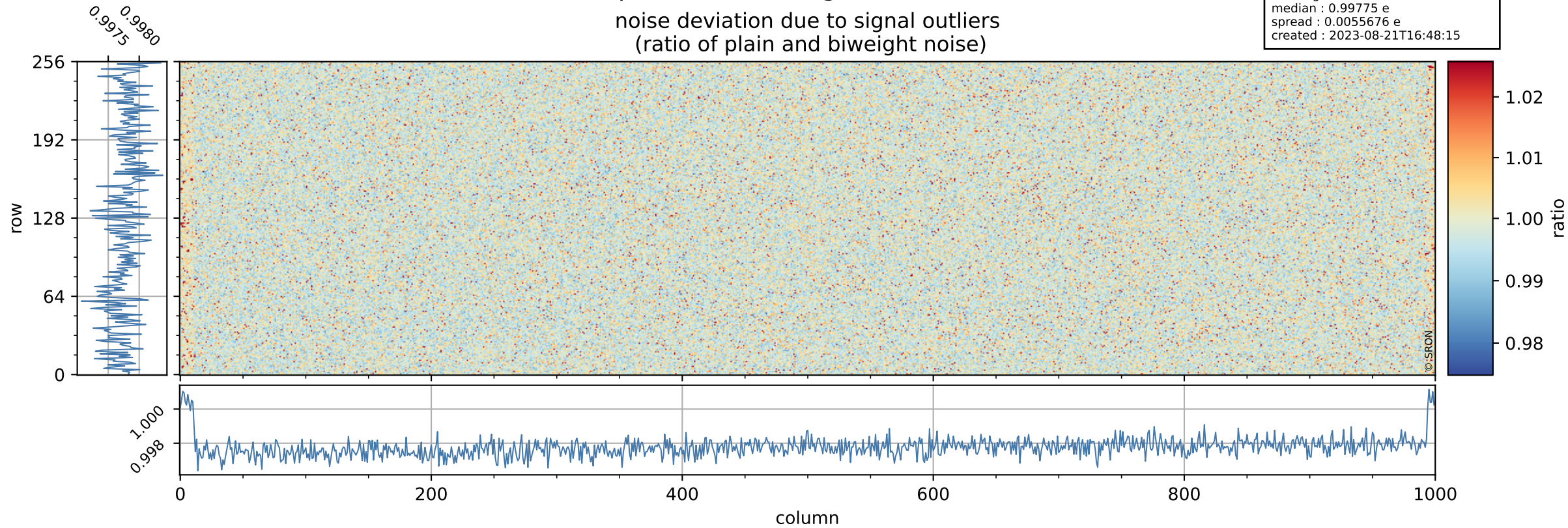
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

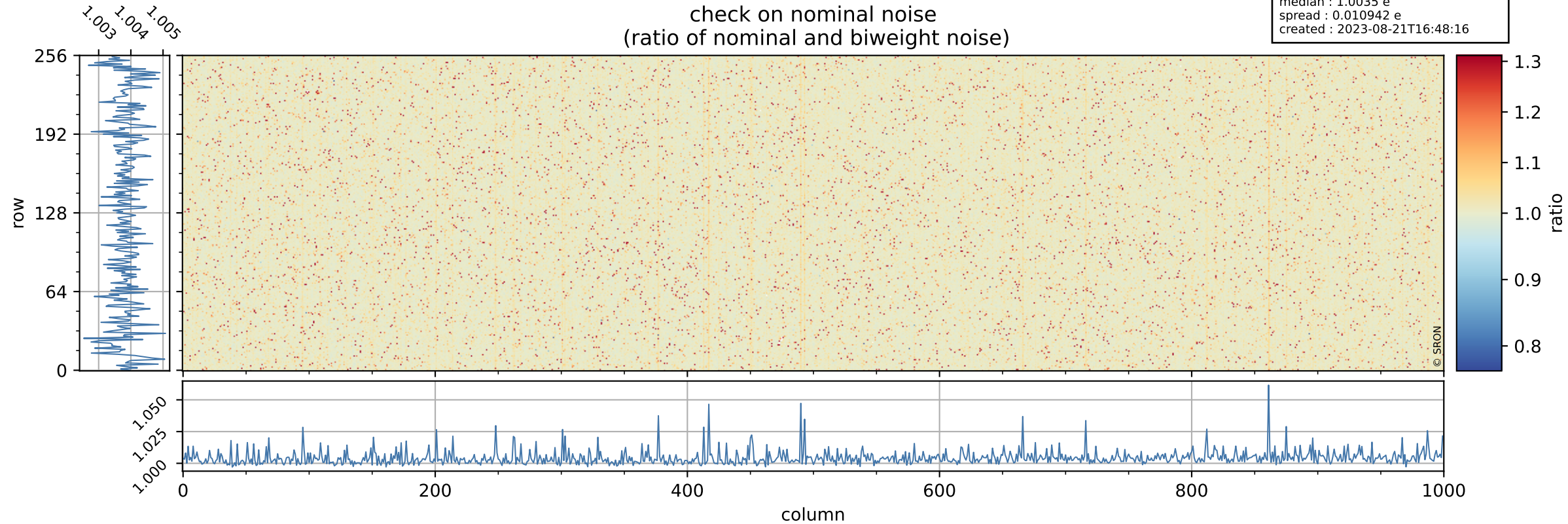
orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
median : 0.99775 e
spread : 0.0055676 e
created : 2023-08-21T16:48:15



Tropomi SWIR background noise (swir)

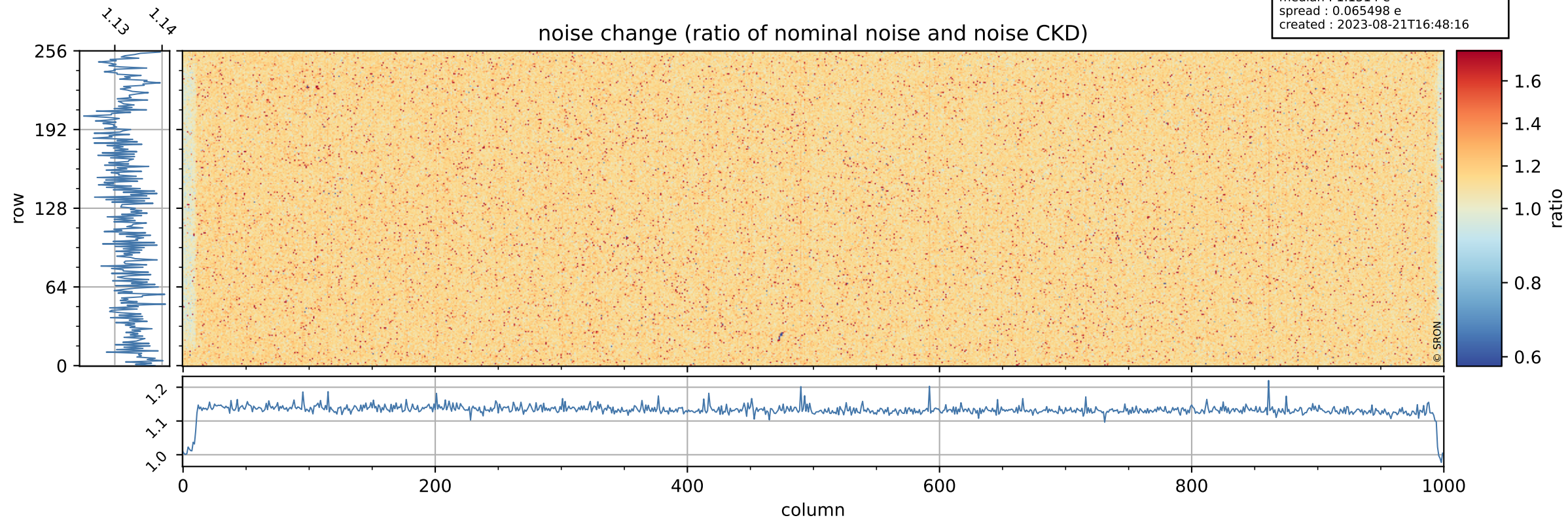
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
median : 1.0035 e
spread : 0.010942 e
created : 2023-08-21T16:48:16



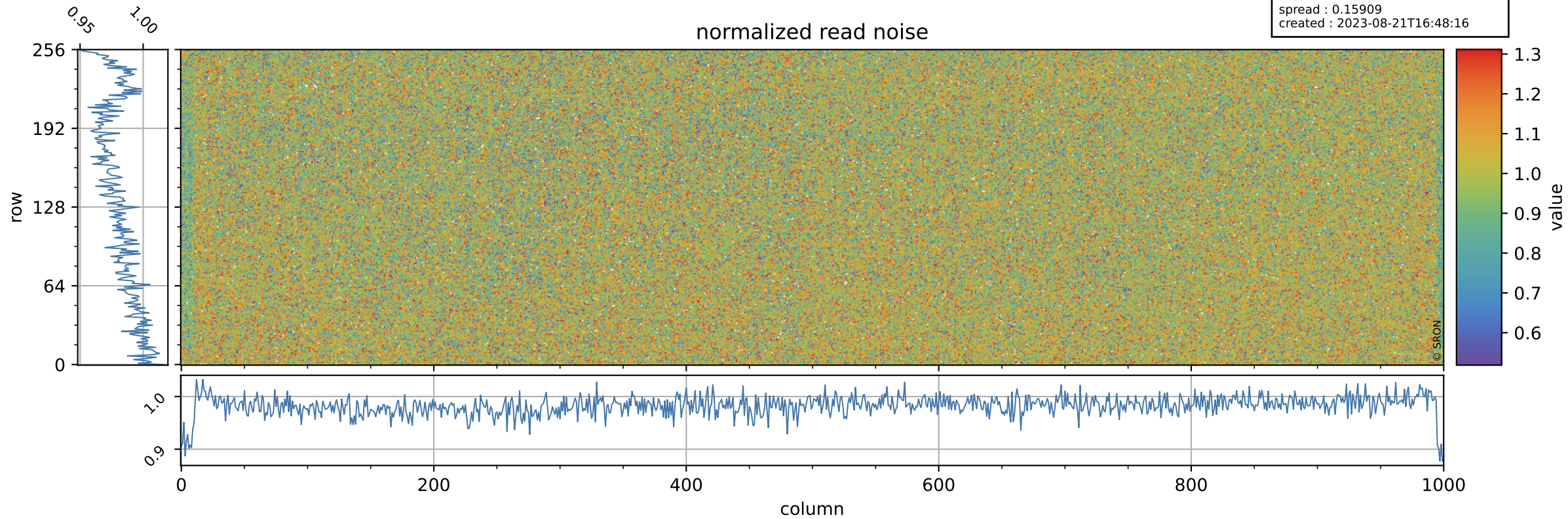
Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
median : 1.1314 e
spread : 0.065498 e
created : 2023-08-21T16:48:16



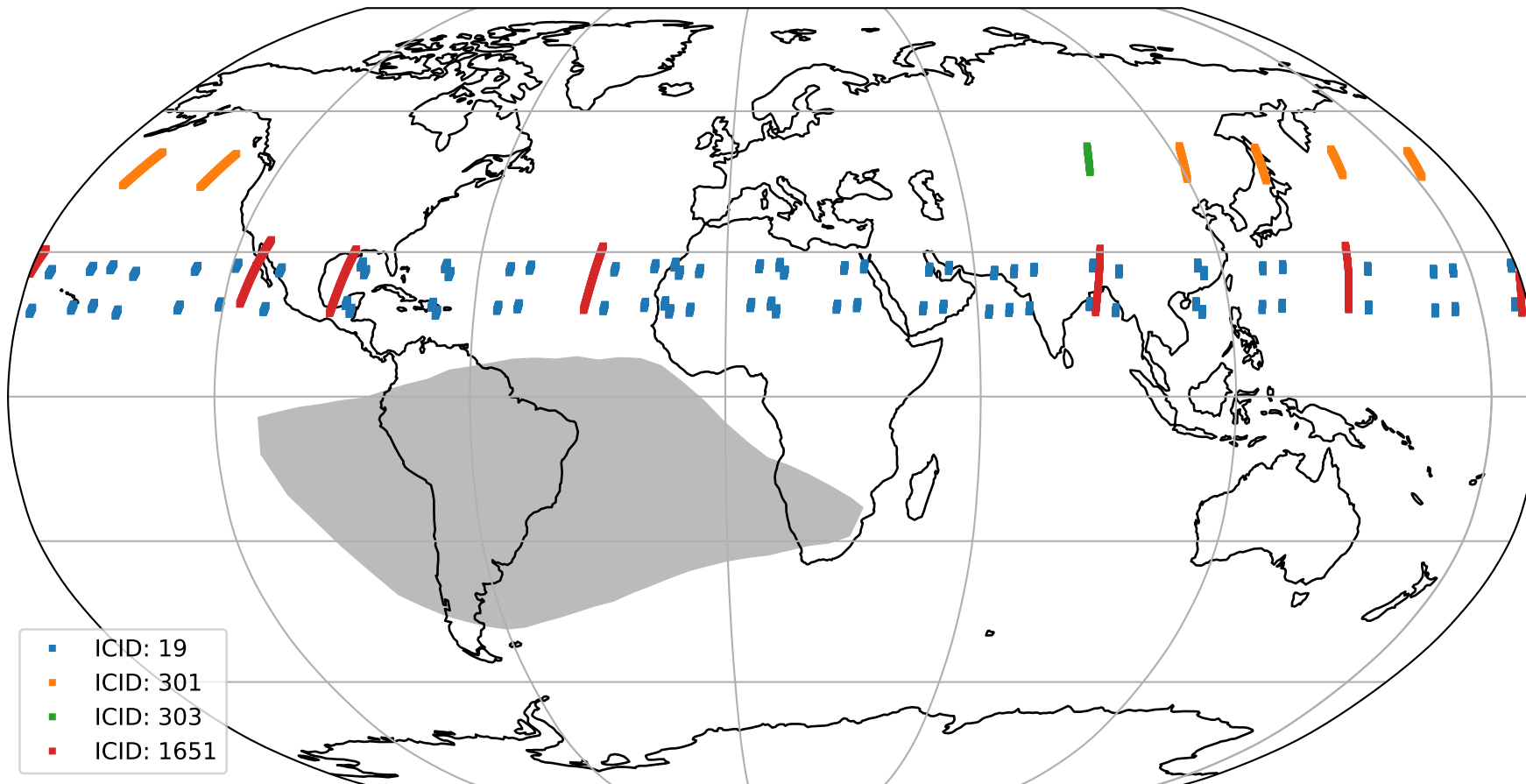
Tropomi SWIR background noise (swir)

orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
median : 0.98134
spread : 0.15909
created : 2023-08-21T16:48:16



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

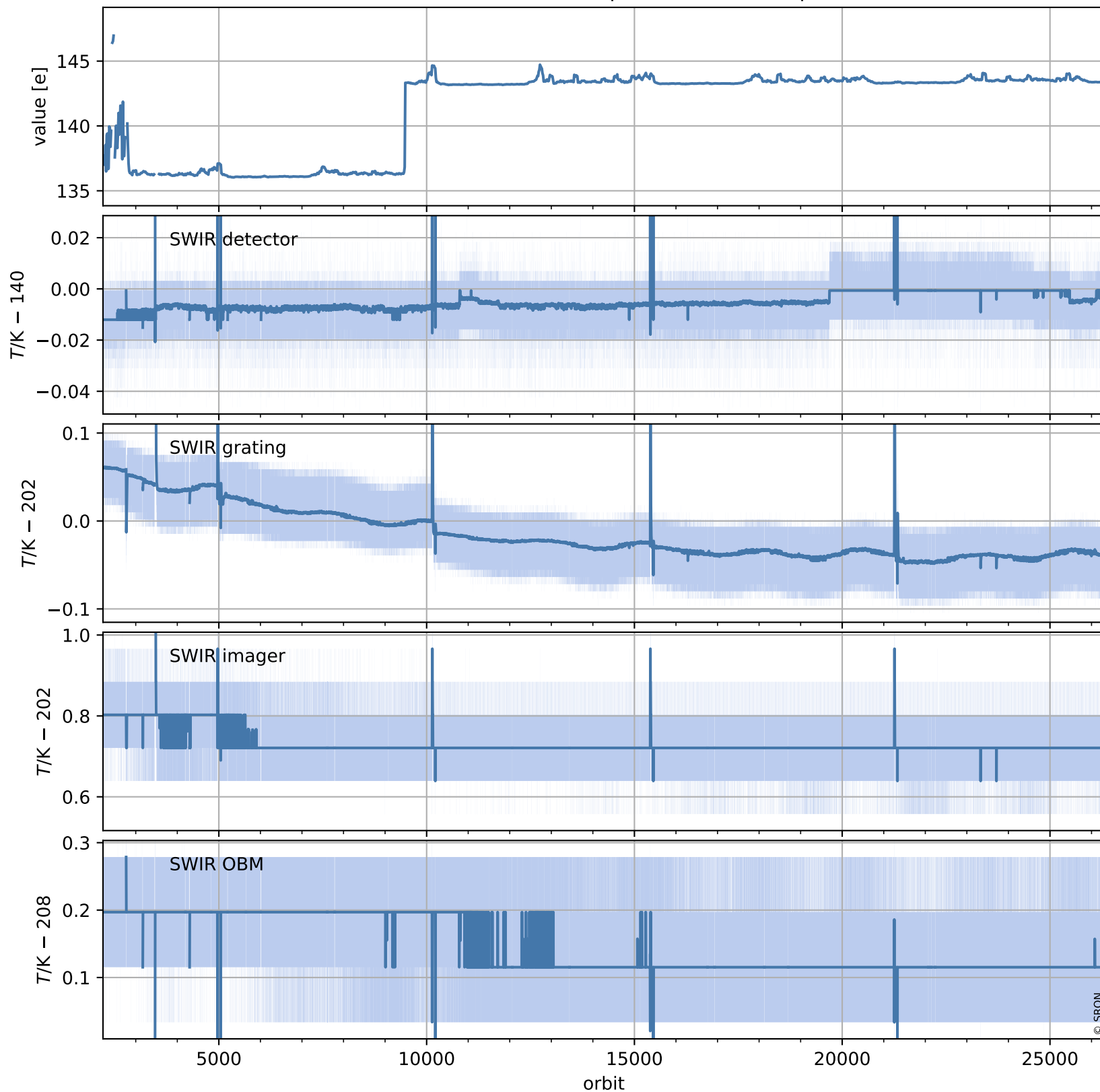
orbits : 13 in [26227, 26317]
coverage : 2022-11-05 / 2022-11-11
created : 2023-08-21T16:48:17



Tropomi SWIR background noise (swir)

orbits : [2212, 26317]
coverage : 2018-03-18 / 2022-11-11
created : 2023-08-21T16:48:17

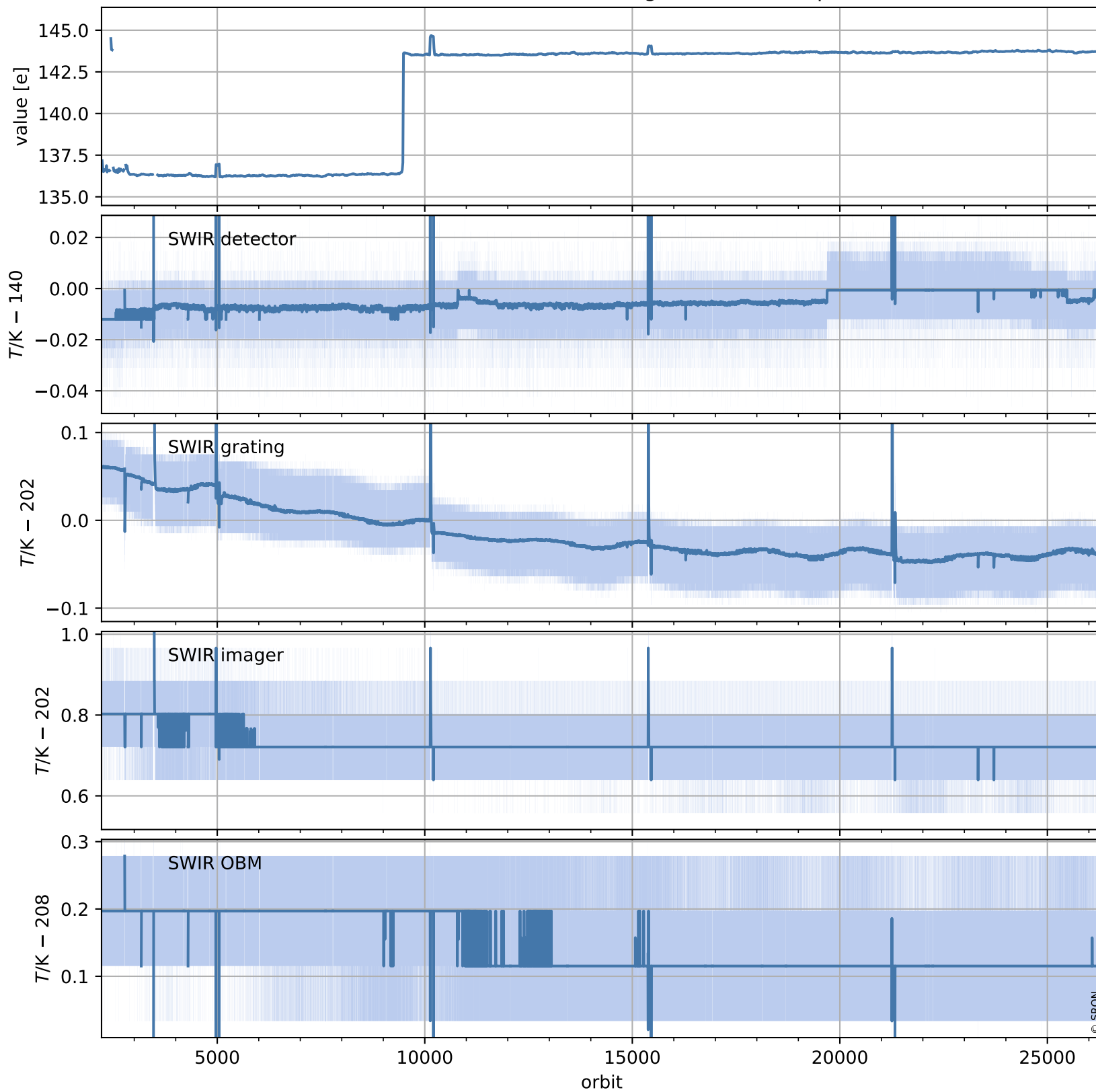
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26317]
coverage : 2018-03-18 / 2022-11-11
created : 2023-08-21T16:48:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26317]
coverage : 2018-03-18 / 2022-11-11
created : 2023-08-21T16:48:19

trend of normalized read-noise & temperatures

