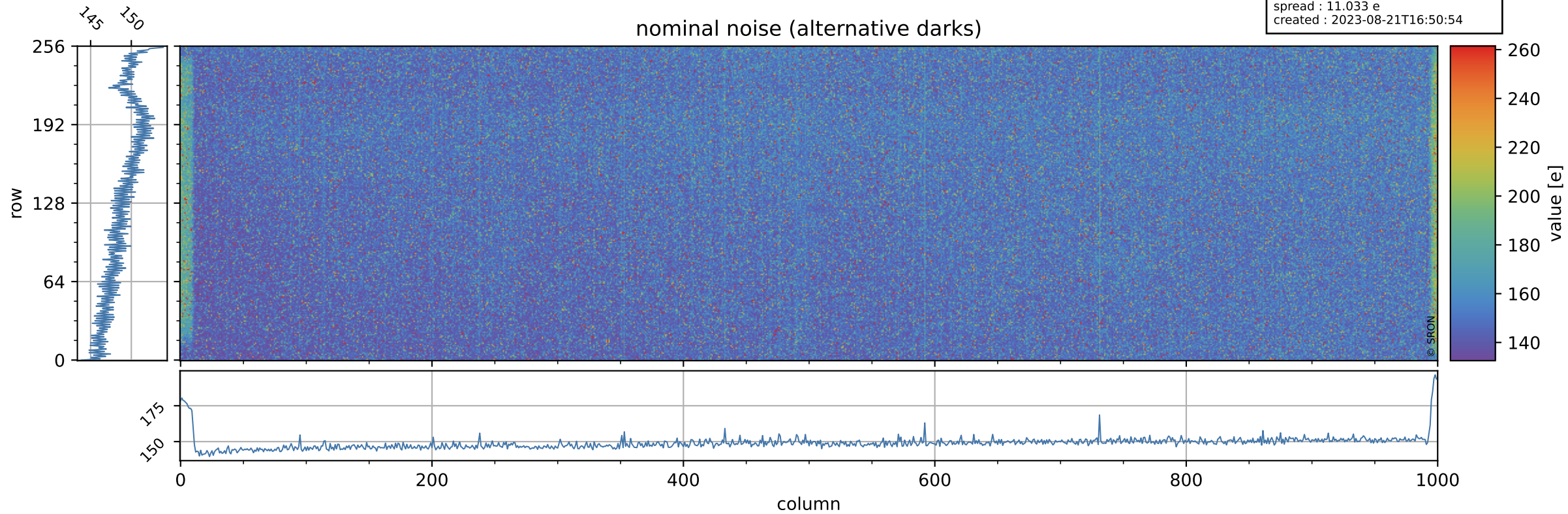


Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 11.033 e
created : 2023-08-21T16:50:54

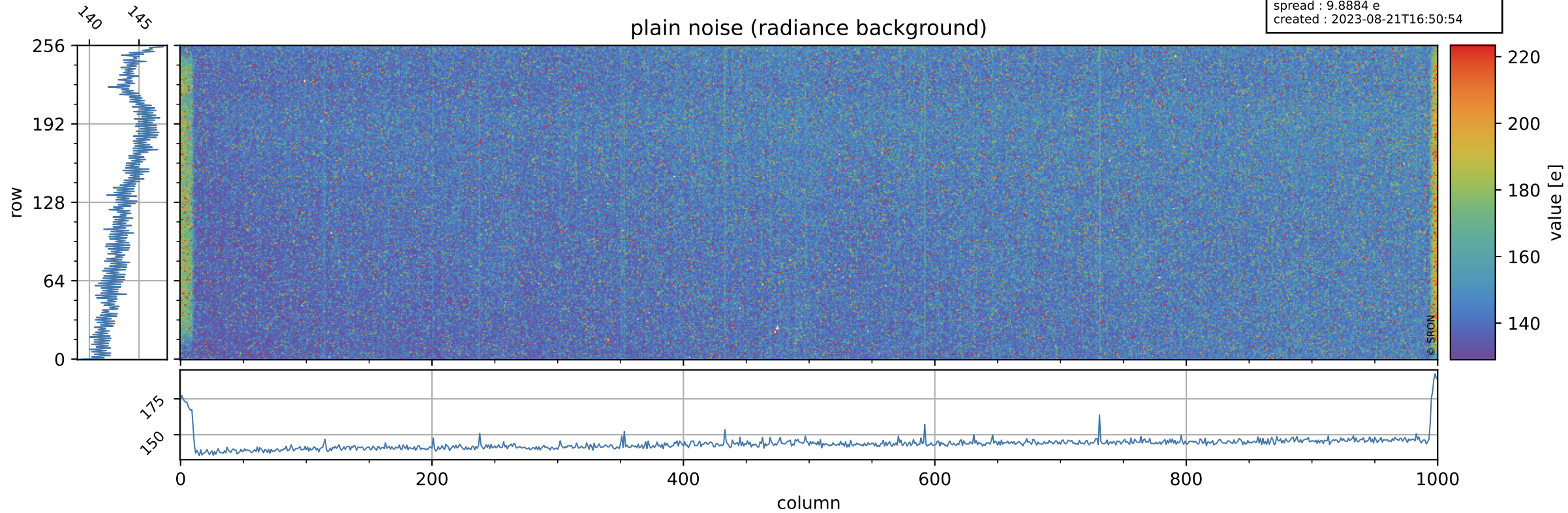
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8884 e
created : 2023-08-21T16:50:54

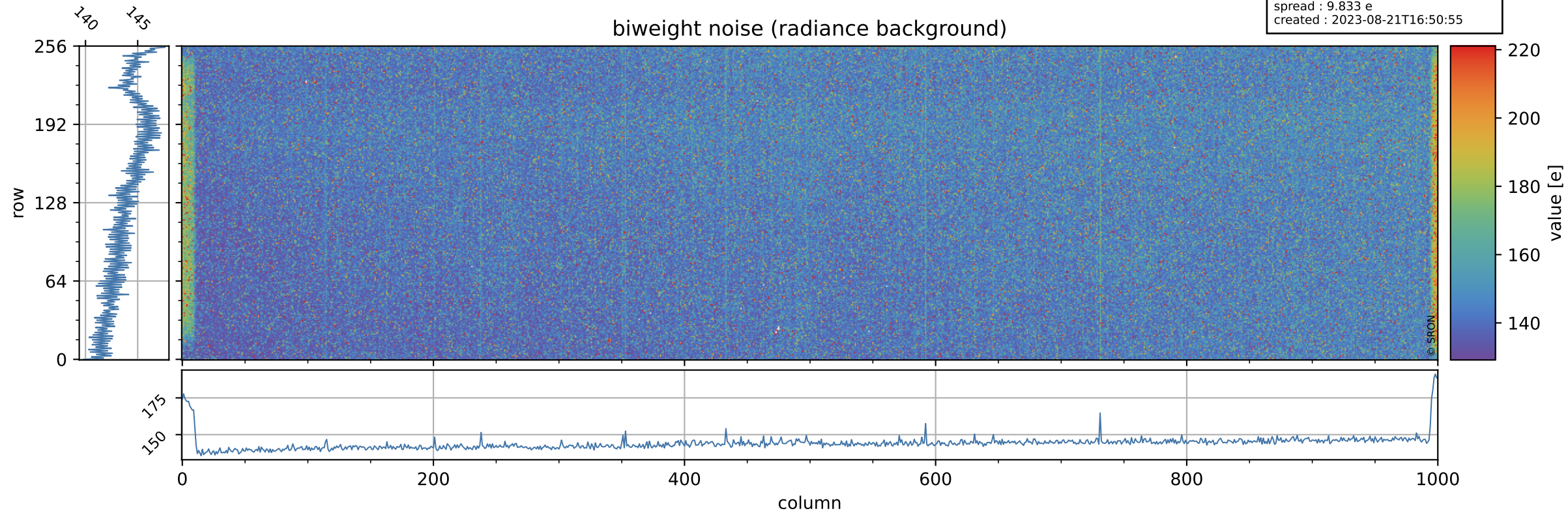
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.833 e
created : 2023-08-21T16:50:55

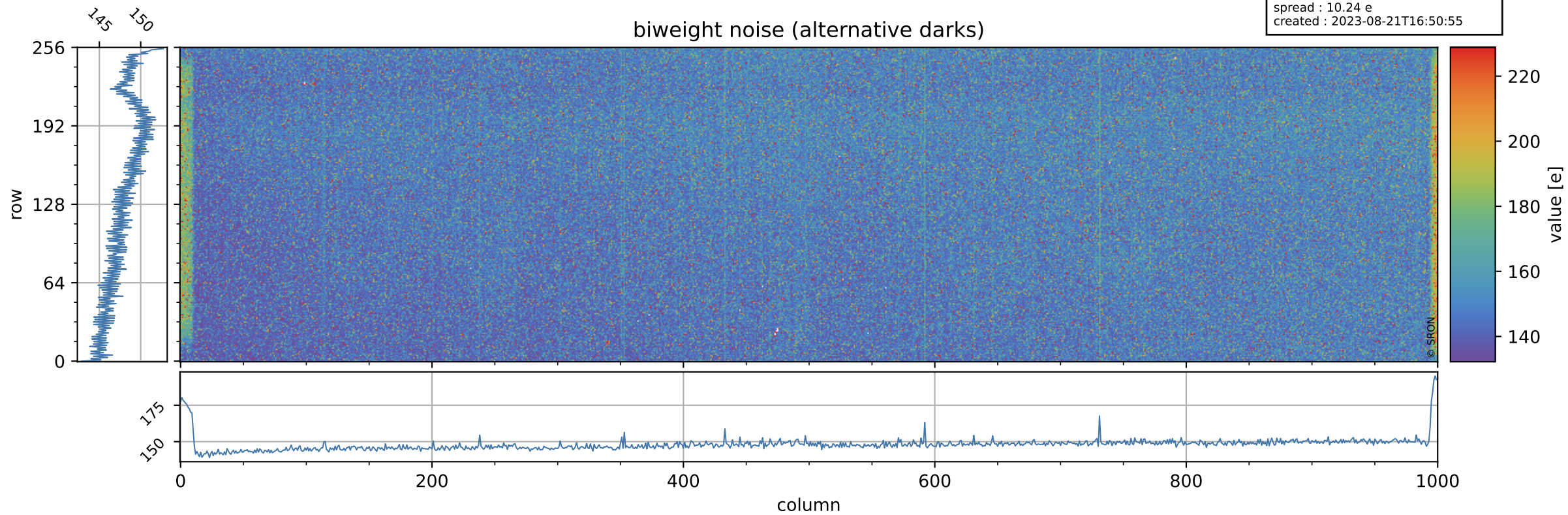
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.24 e
created : 2023-08-21T16:50:55

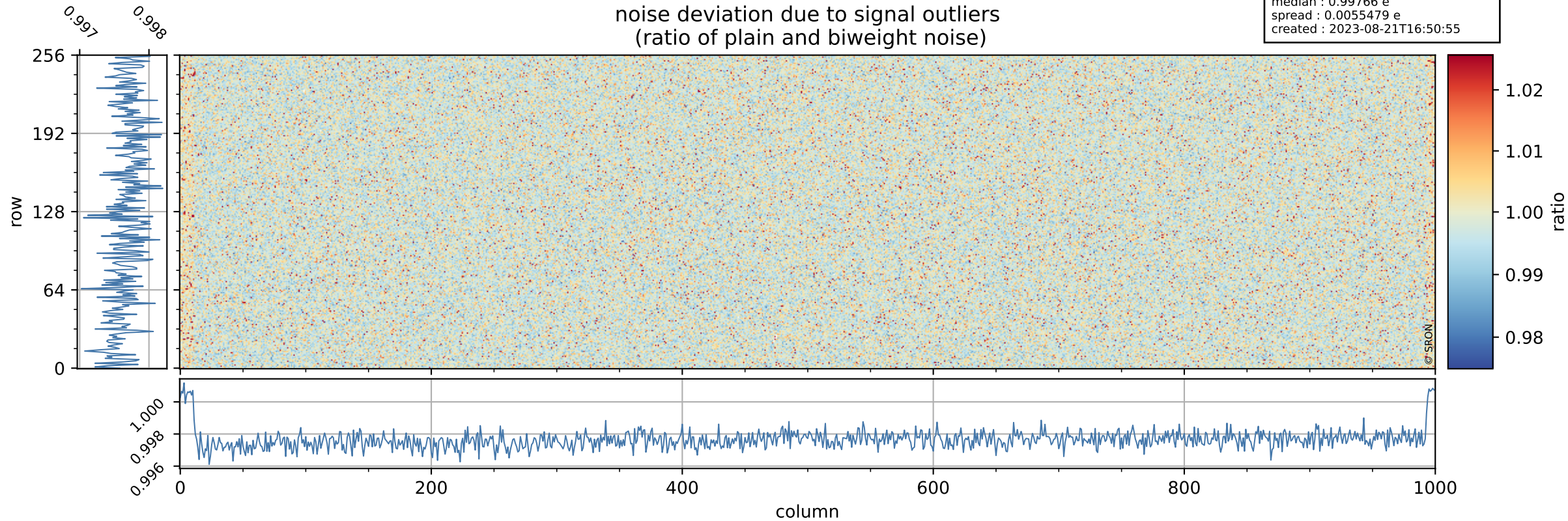
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

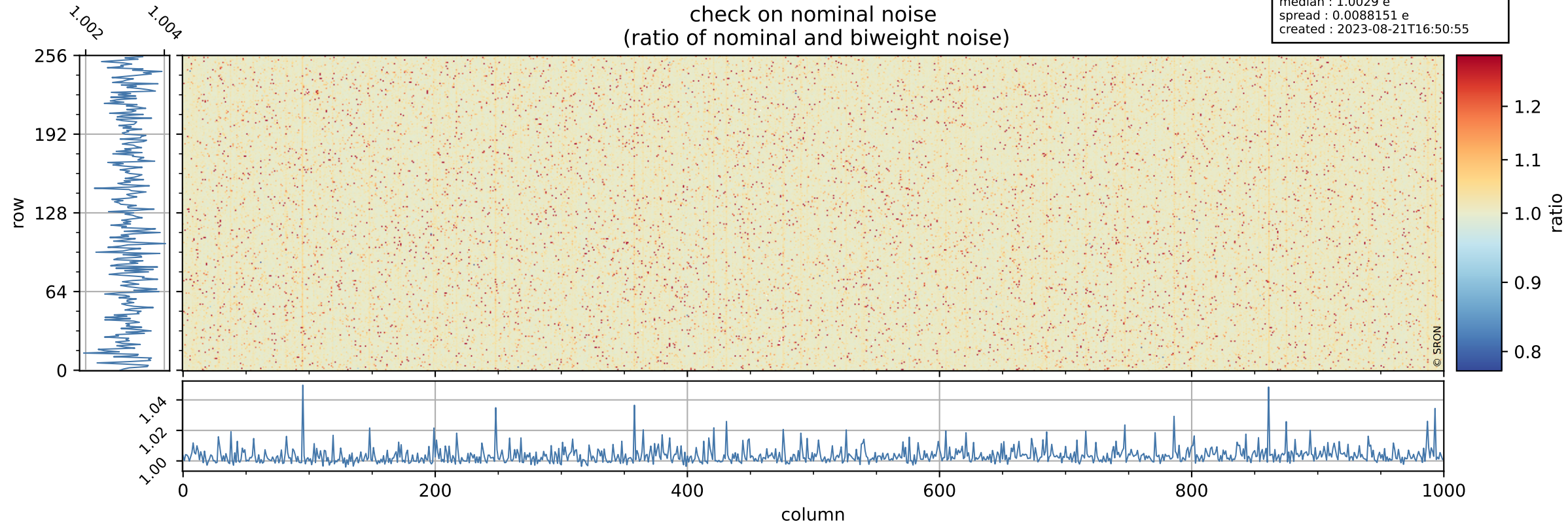
orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
median : 0.99766 e
spread : 0.0055479 e
created : 2023-08-21T16:50:55



Tropomi SWIR background noise (swir)

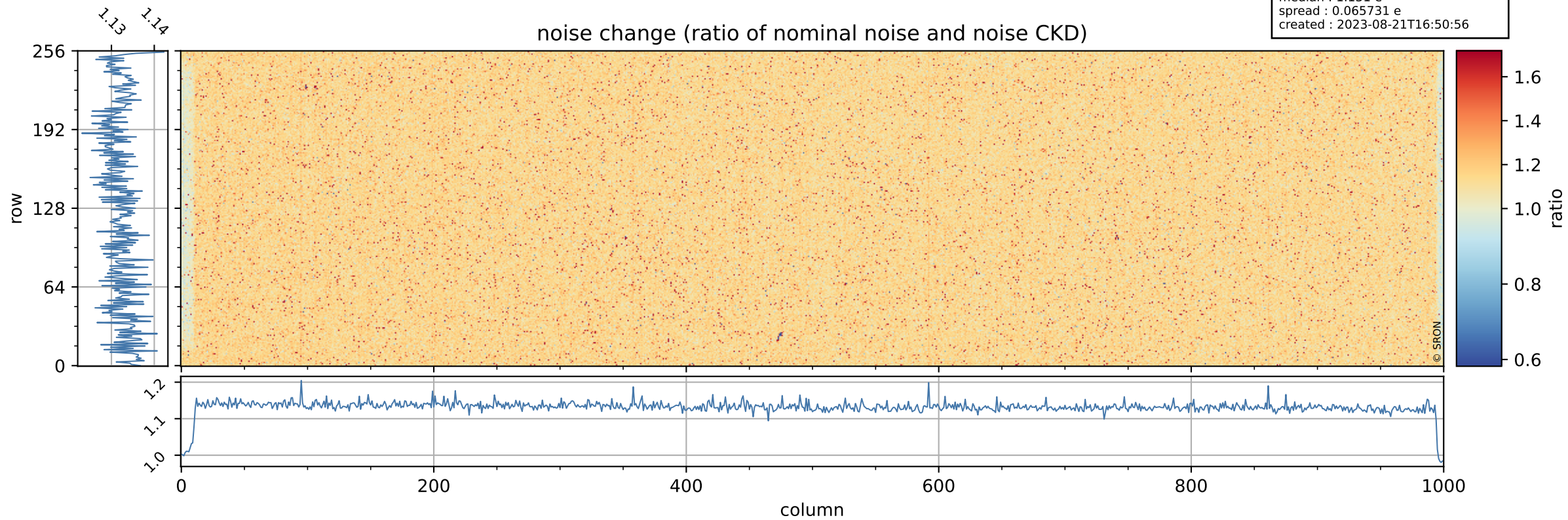
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
median : 1.0029 e
spread : 0.0088151 e
created : 2023-08-21T16:50:55



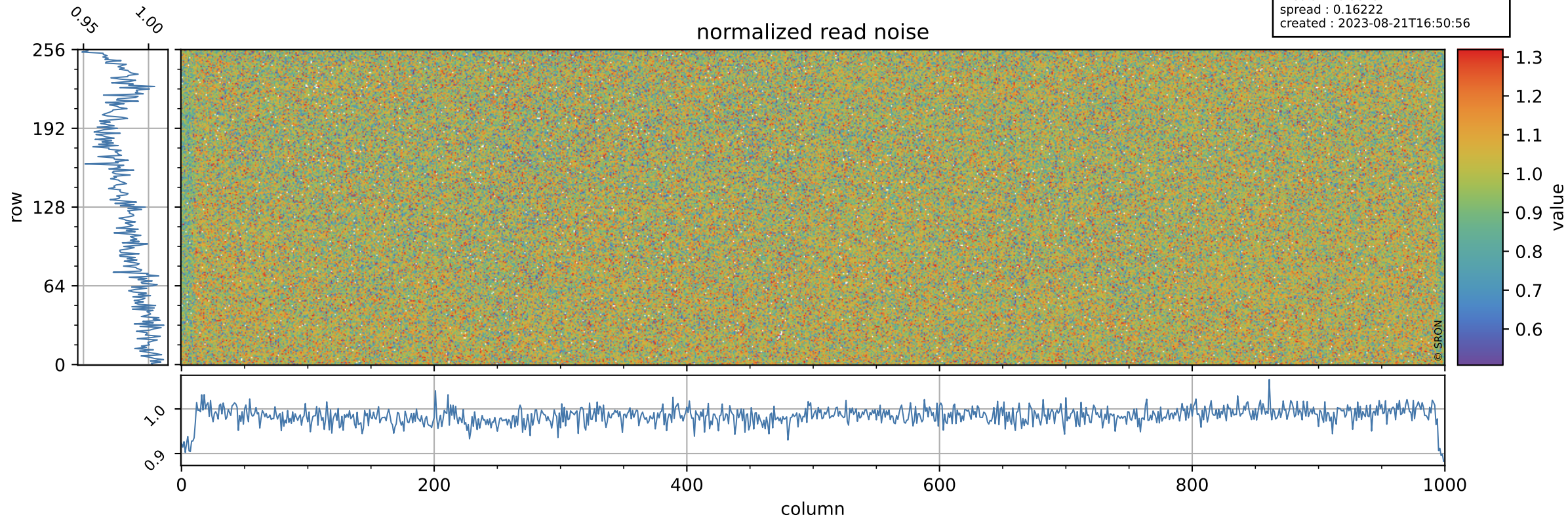
Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
median : 1.131 e
spread : 0.065731 e
created : 2023-08-21T16:50:56



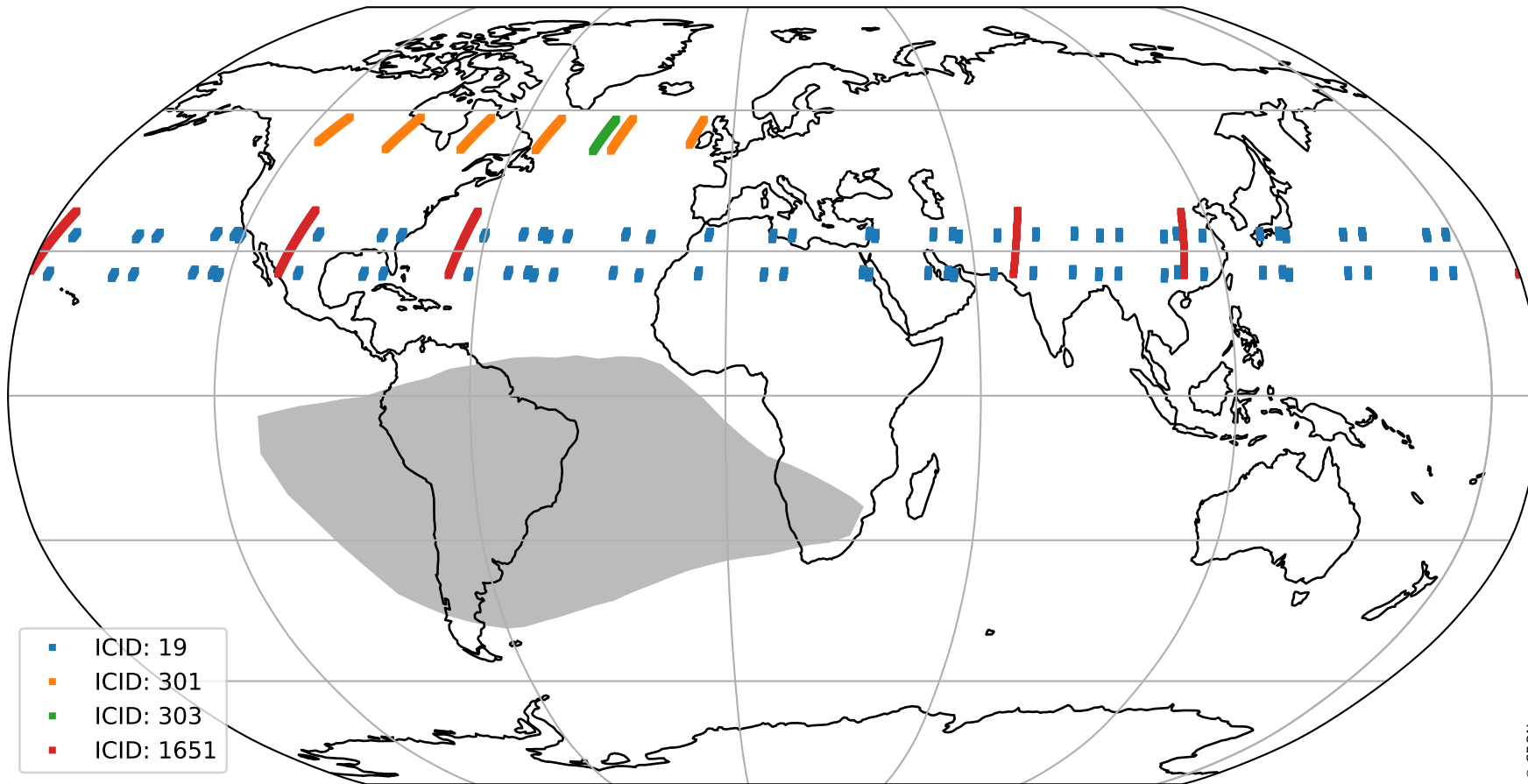
Tropomi SWIR background noise (swir)

orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
median : 0.98292
spread : 0.16222
created : 2023-08-21T16:50:56



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

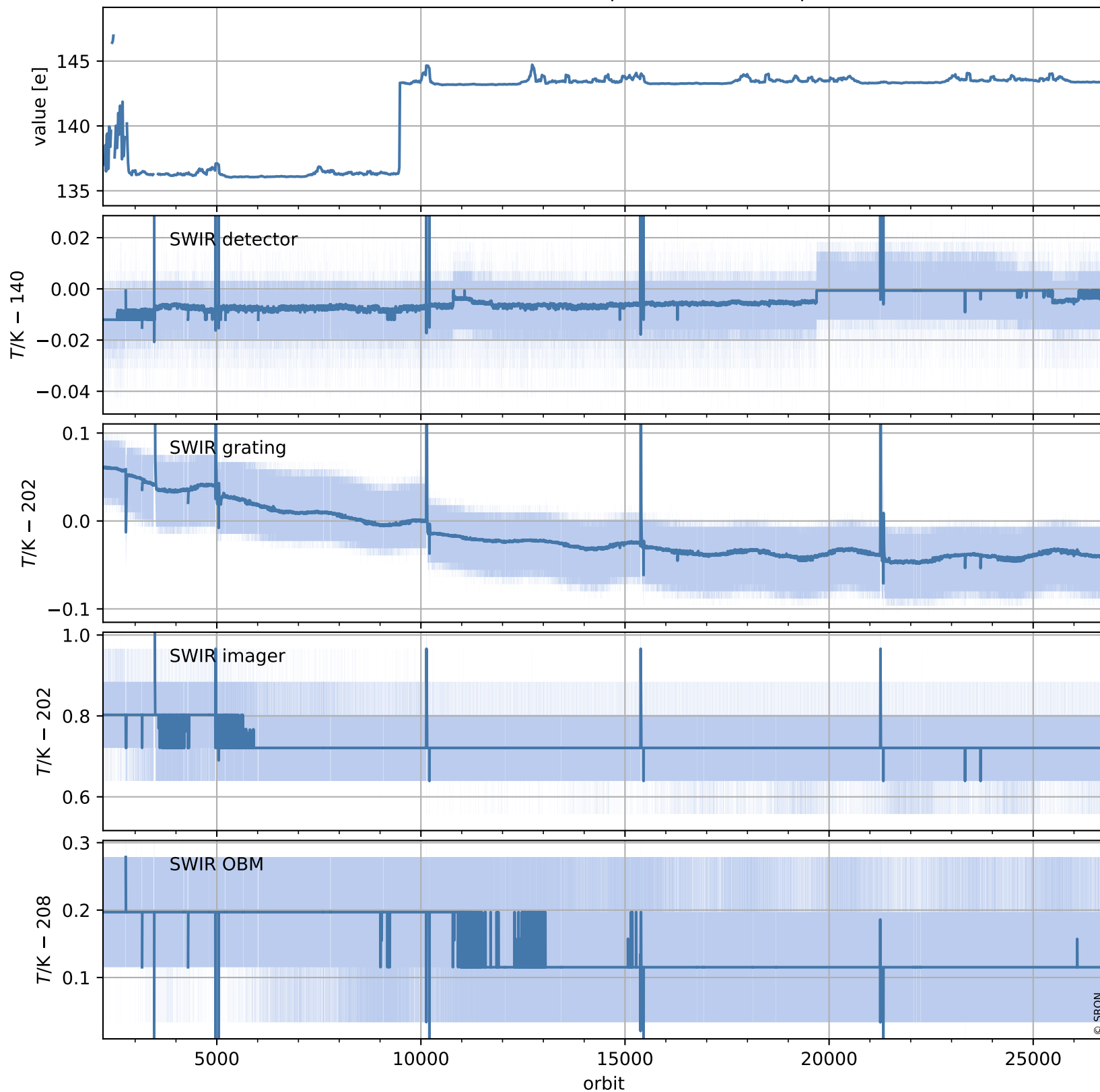
orbits : 12 in [26677, 26752]
coverage : 2022-12-06 / 2022-12-11
created : 2023-08-21T16:50:56



Tropomi SWIR background noise (swir)

orbits : [2212, 26752]
coverage : 2018-03-18 / 2022-12-11
created : 2023-08-21T16:50:57

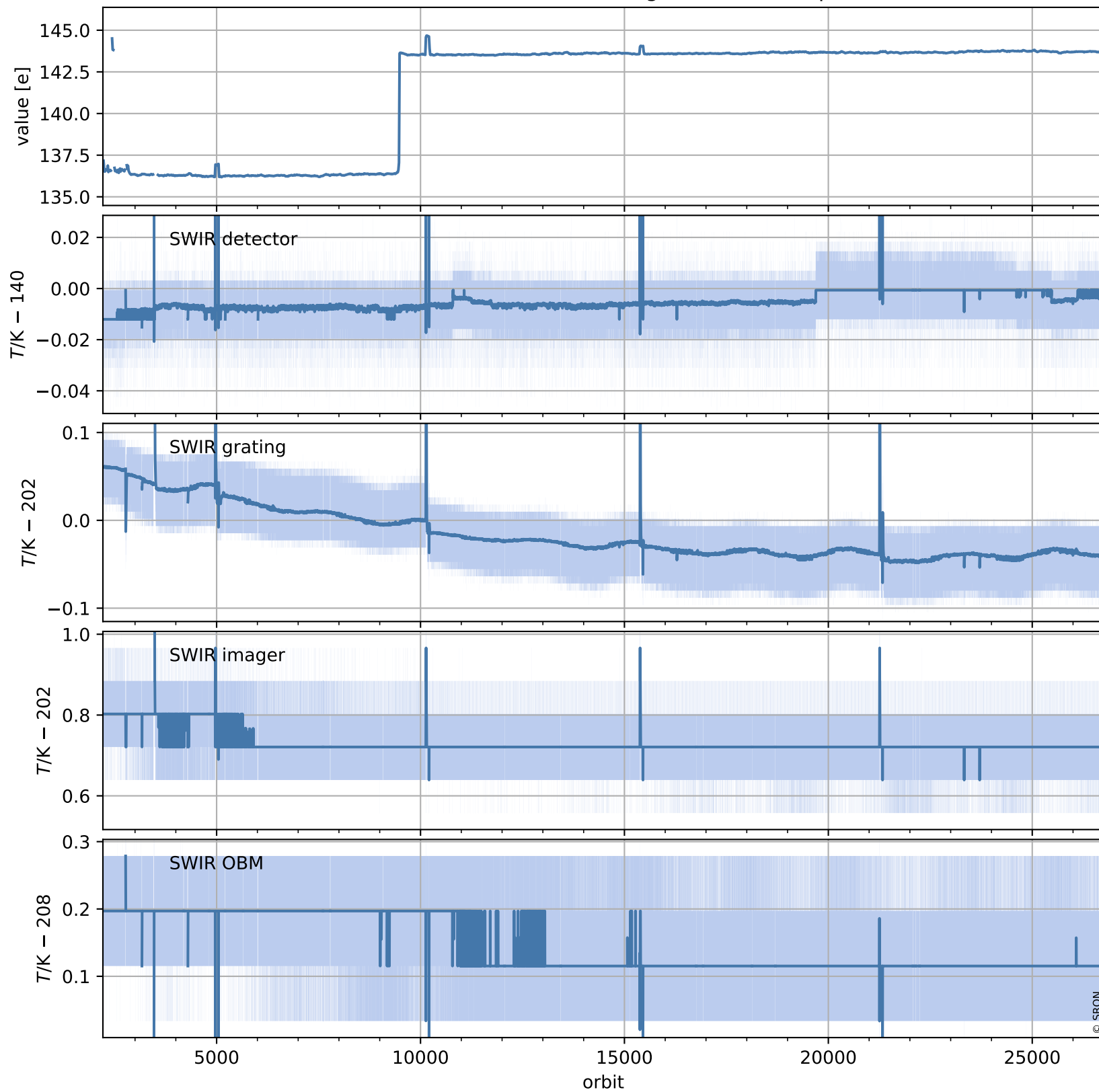
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26752]
coverage : 2018-03-18 / 2022-12-11
created : 2023-08-21T16:50:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26752]
coverage : 2018-03-18 / 2022-12-11
created : 2023-08-21T16:50:58

trend of normalized read-noise & temperatures

