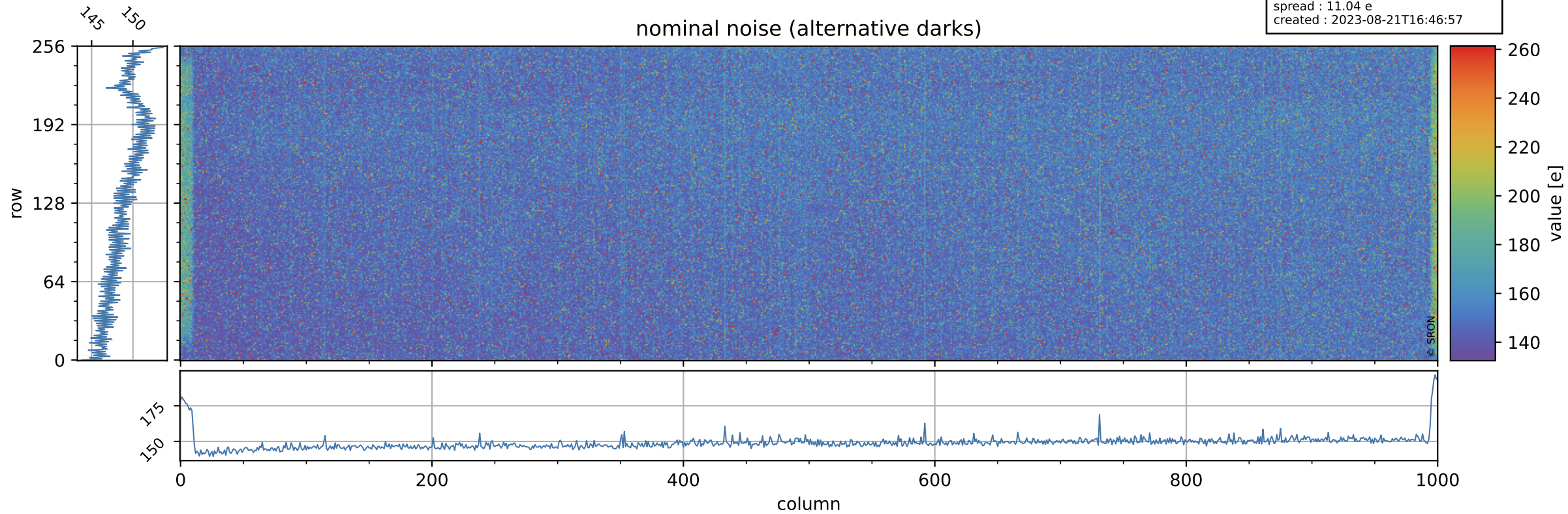


Tropomi SWIR background noise (swir)

orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.04 e
created : 2023-08-21T16:46:57

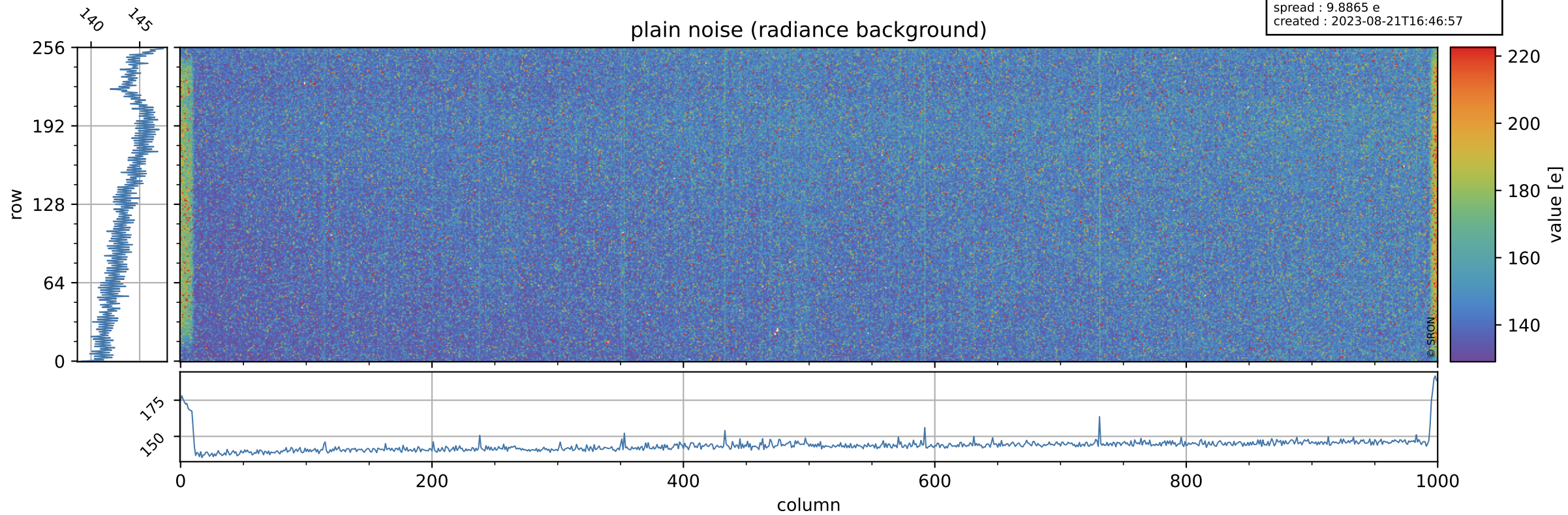
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8865 e
created : 2023-08-21T16:46:57

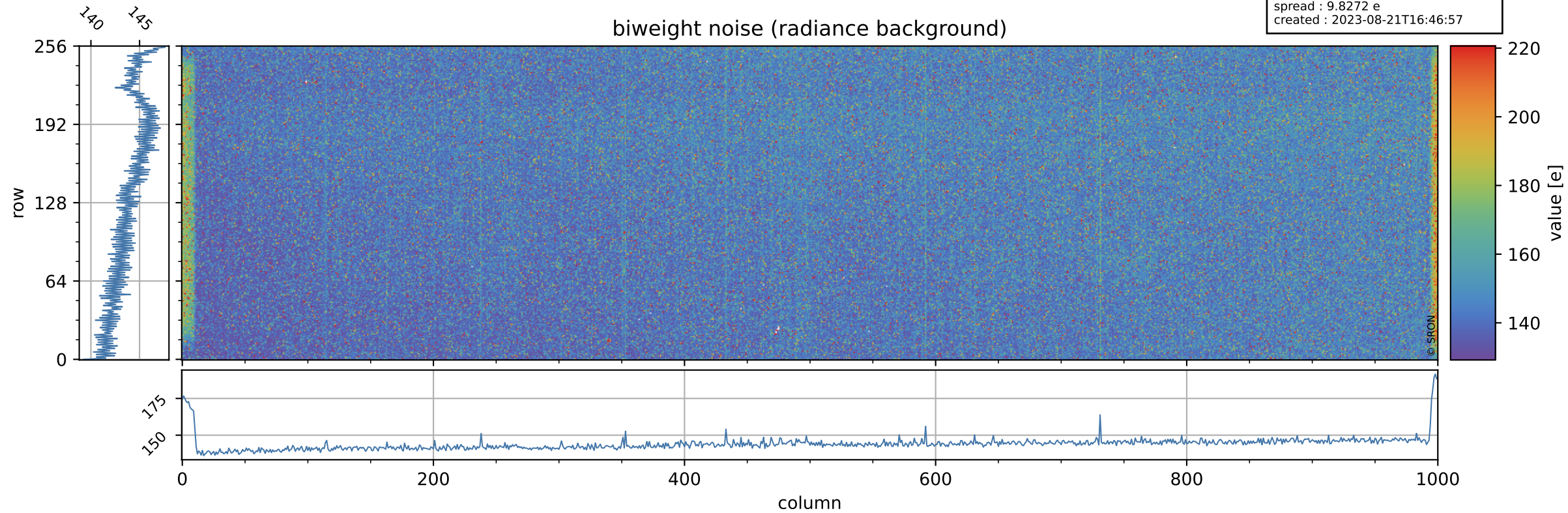
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8272 e
created : 2023-08-21T16:46:57

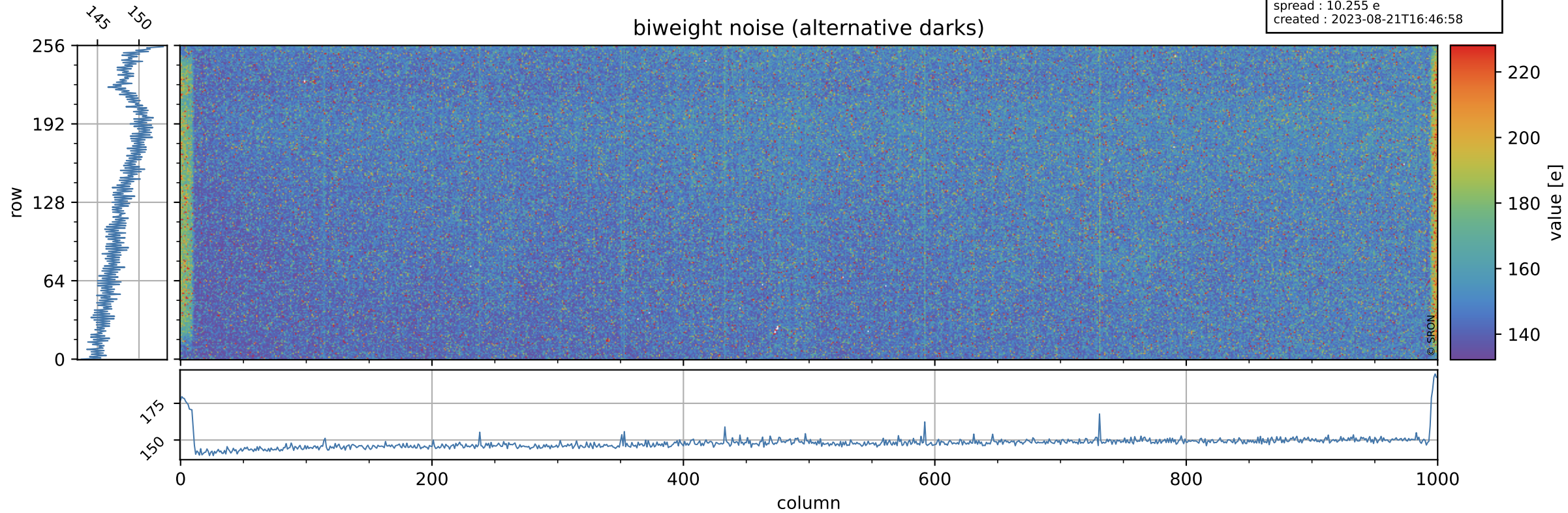
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.255 e
created : 2023-08-21T16:46:58

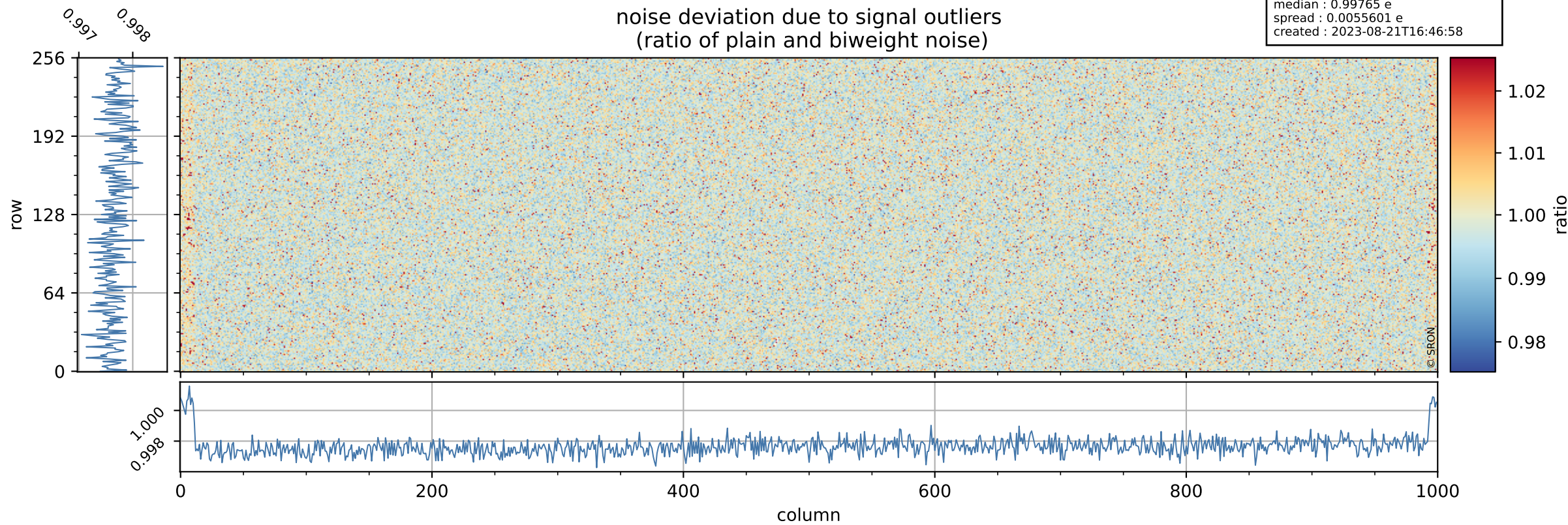
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

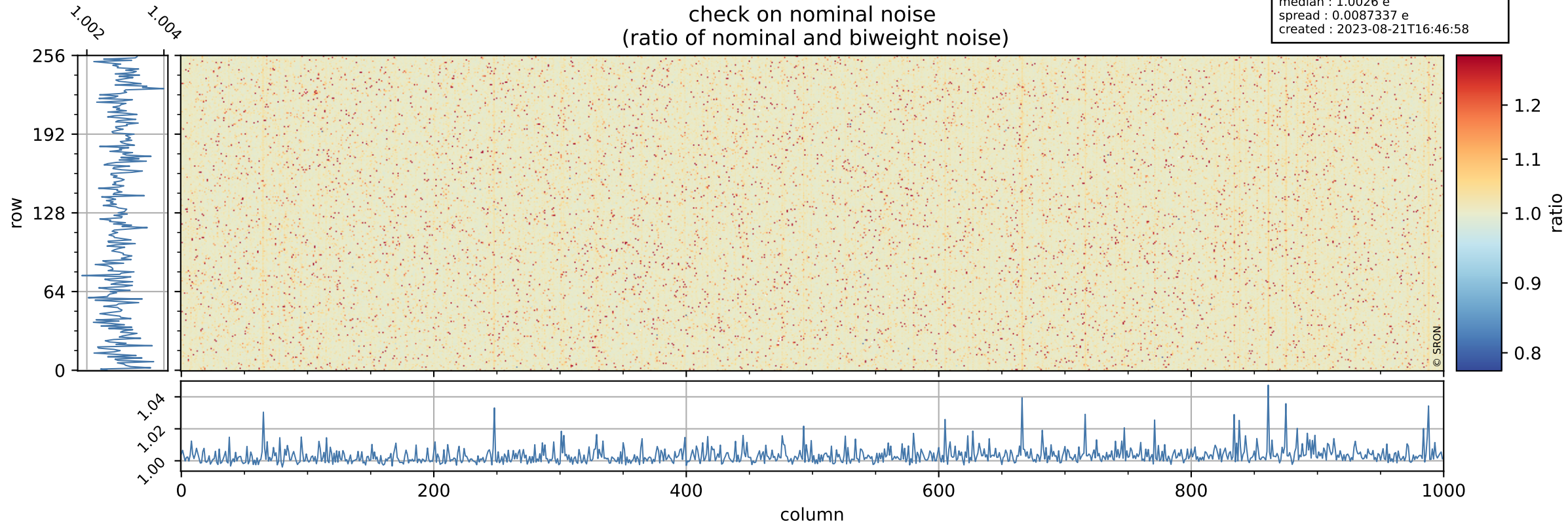
orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
median : 0.99765 e
spread : 0.0055601 e
created : 2023-08-21T16:46:58



Tropomi SWIR background noise (swir)

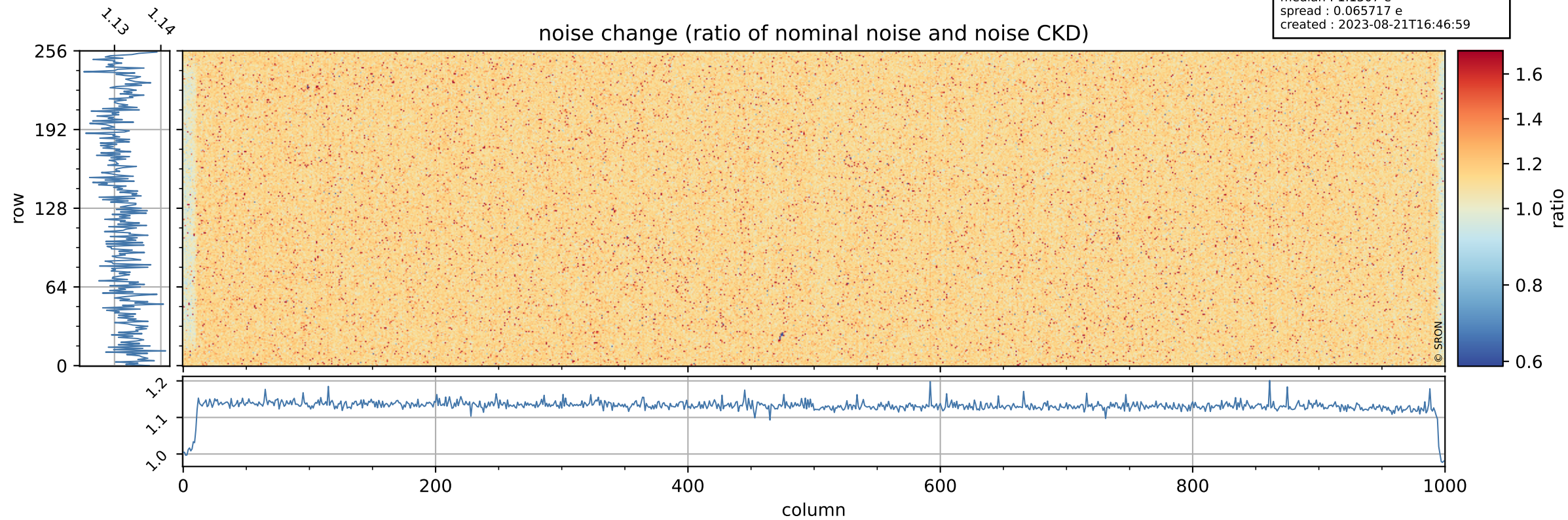
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
median : 1.0026 e
spread : 0.0087337 e
created : 2023-08-21T16:46:58



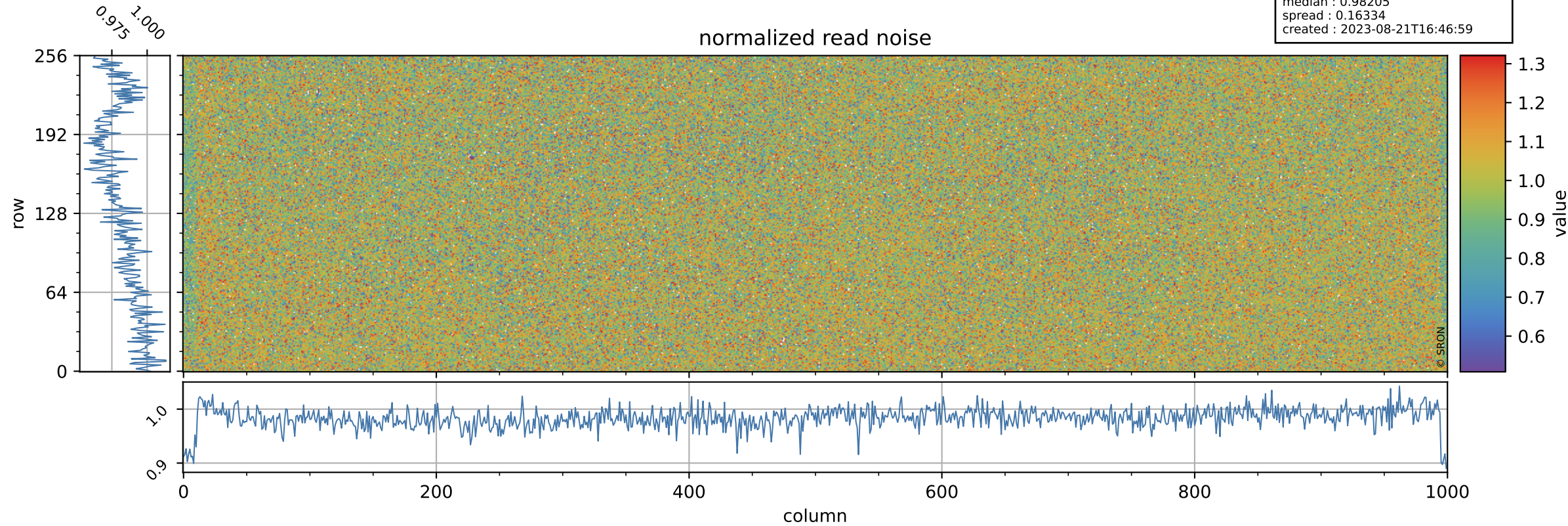
Tropomi SWIR background noise (swir)

orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
median : 1.1307 e
spread : 0.065717 e
created : 2023-08-21T16:46:59



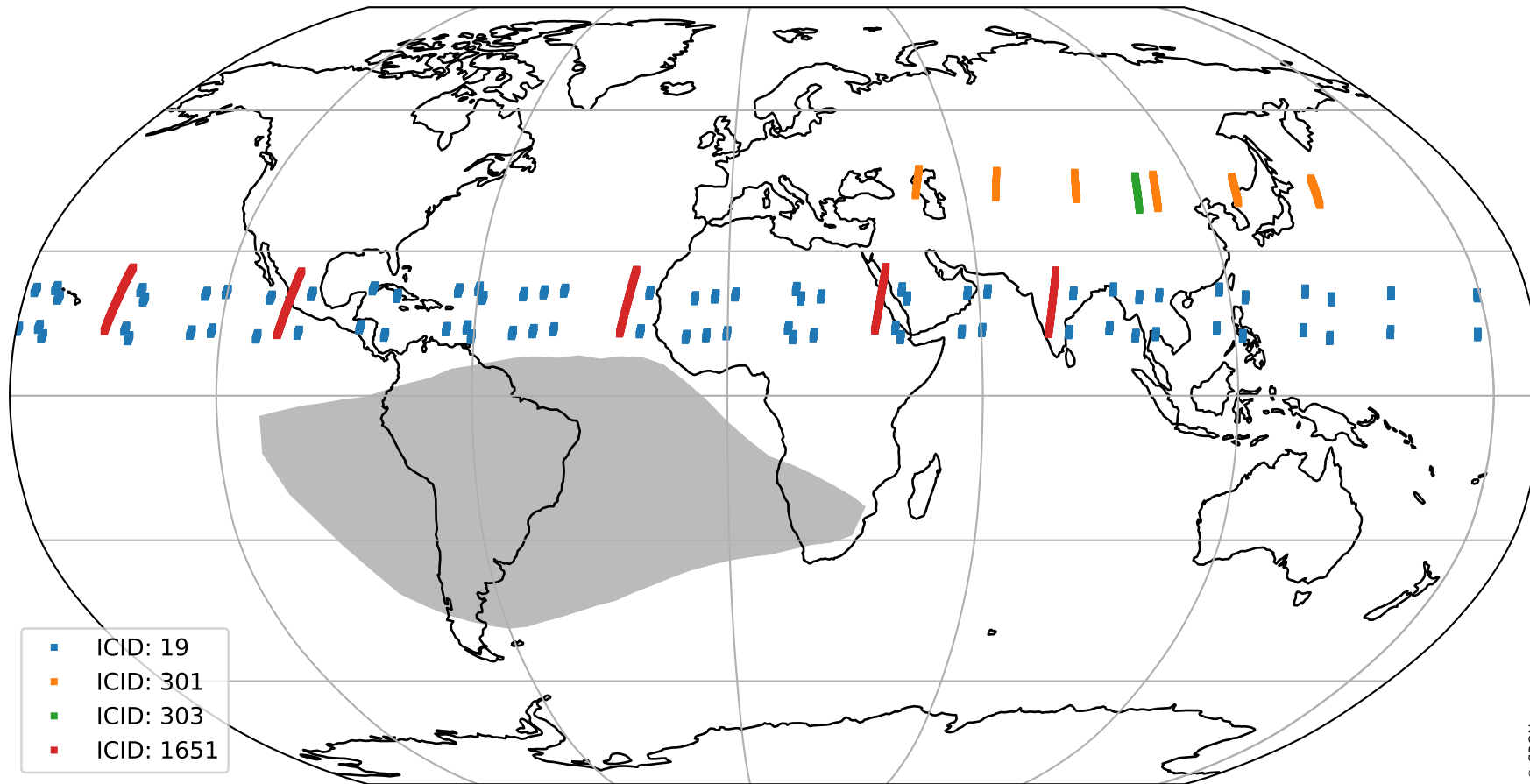
Tropomi SWIR background noise (swir)

orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
median : 0.98205
spread : 0.16334
created : 2023-08-21T16:46:59



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

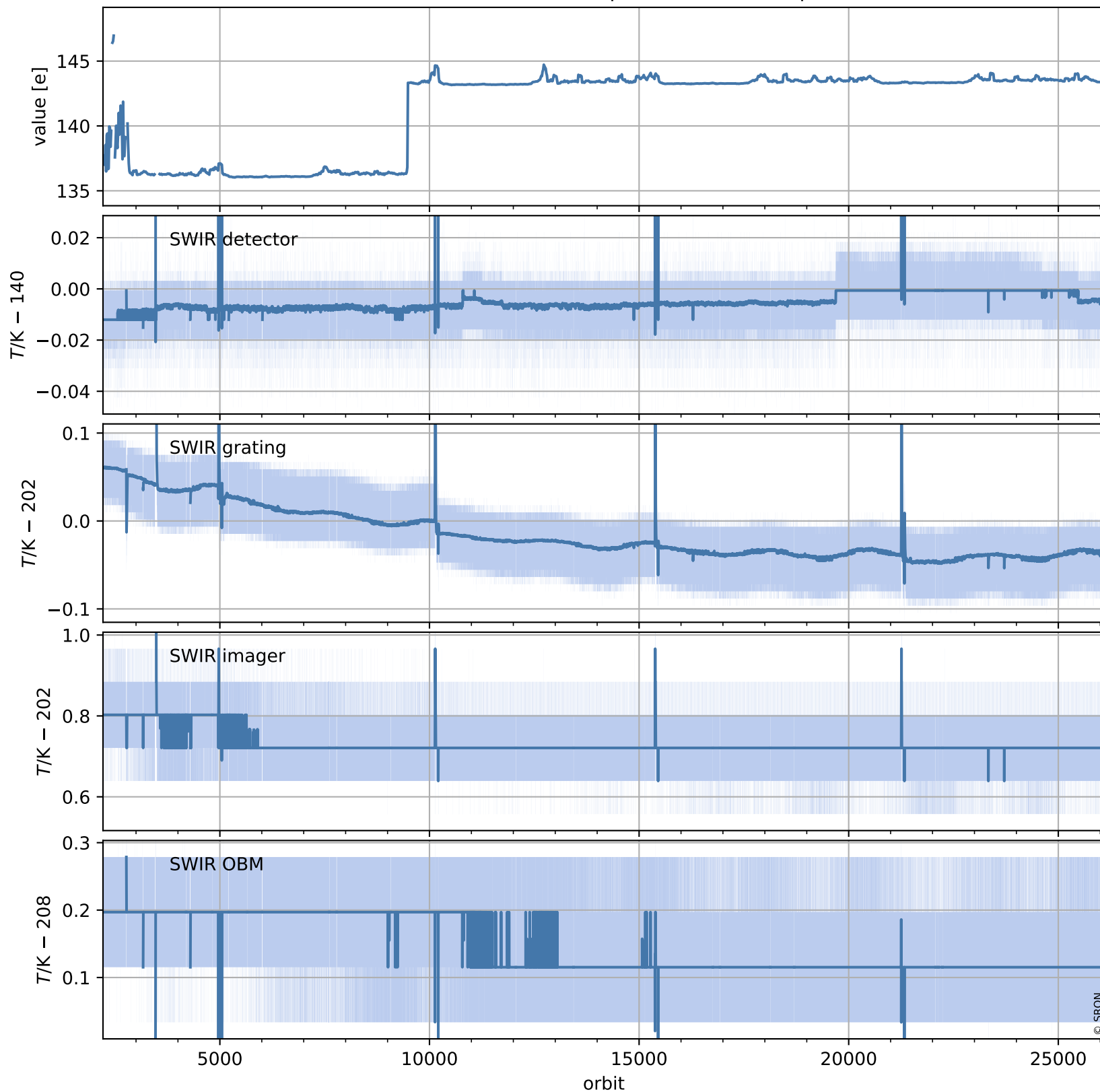
orbits : 12 in [26032, 26107]
coverage : 2022-10-21 / 2022-10-26
created : 2023-08-21T16:46:59



Tropomi SWIR background noise (swir)

orbits : [2212, 26107]
coverage : 2018-03-18 / 2022-10-26
created : 2023-08-21T16:47:00

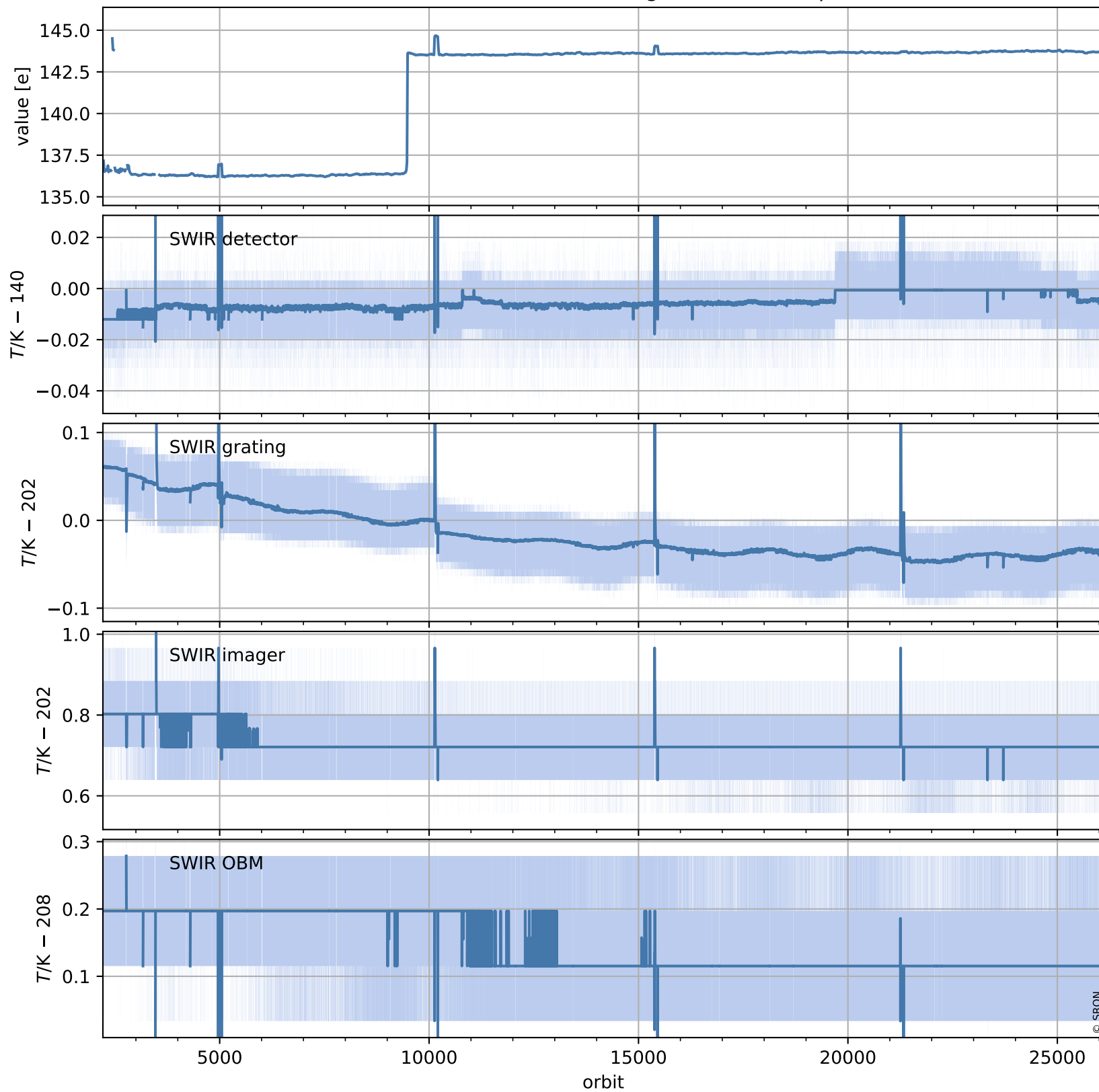
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26107]
coverage : 2018-03-18 / 2022-10-26
created : 2023-08-21T16:47:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26107]
coverage : 2018-03-18 / 2022-10-26
created : 2023-08-21T16:47:01

trend of normalized read-noise & temperatures

