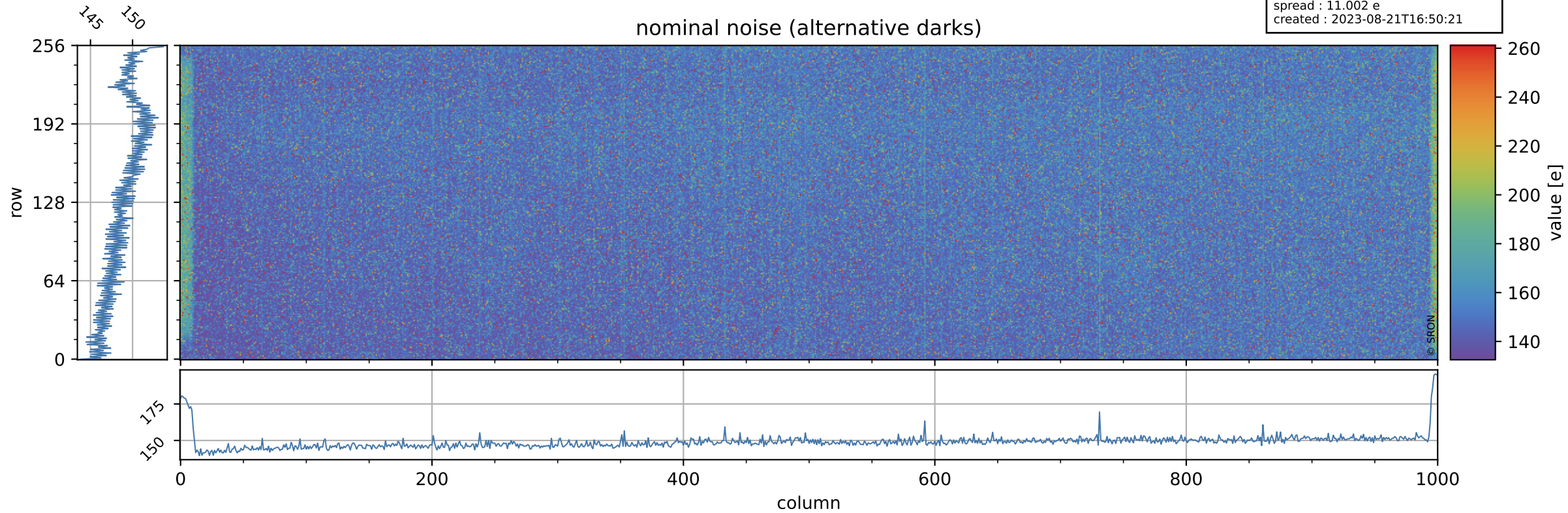


Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
n_coad, t_exp : 1, 1.0783
median : 148.81 e
spread : 11.002 e
created : 2023-08-21T16:50:21

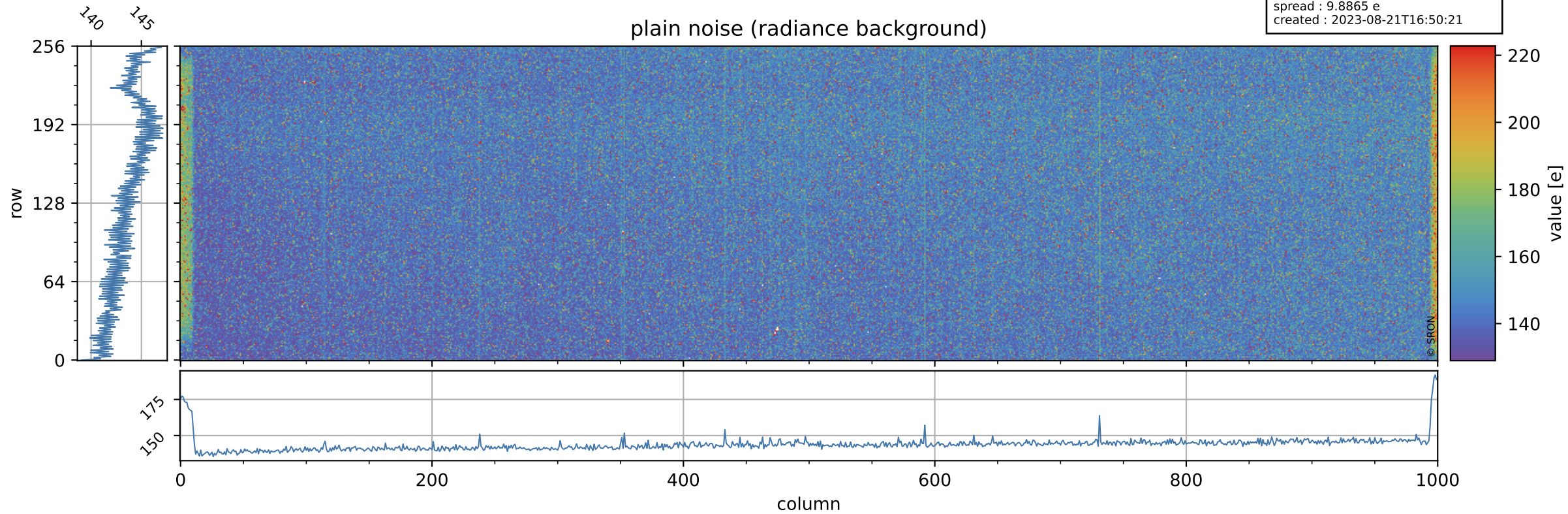
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8865 e
created : 2023-08-21T16:50:21

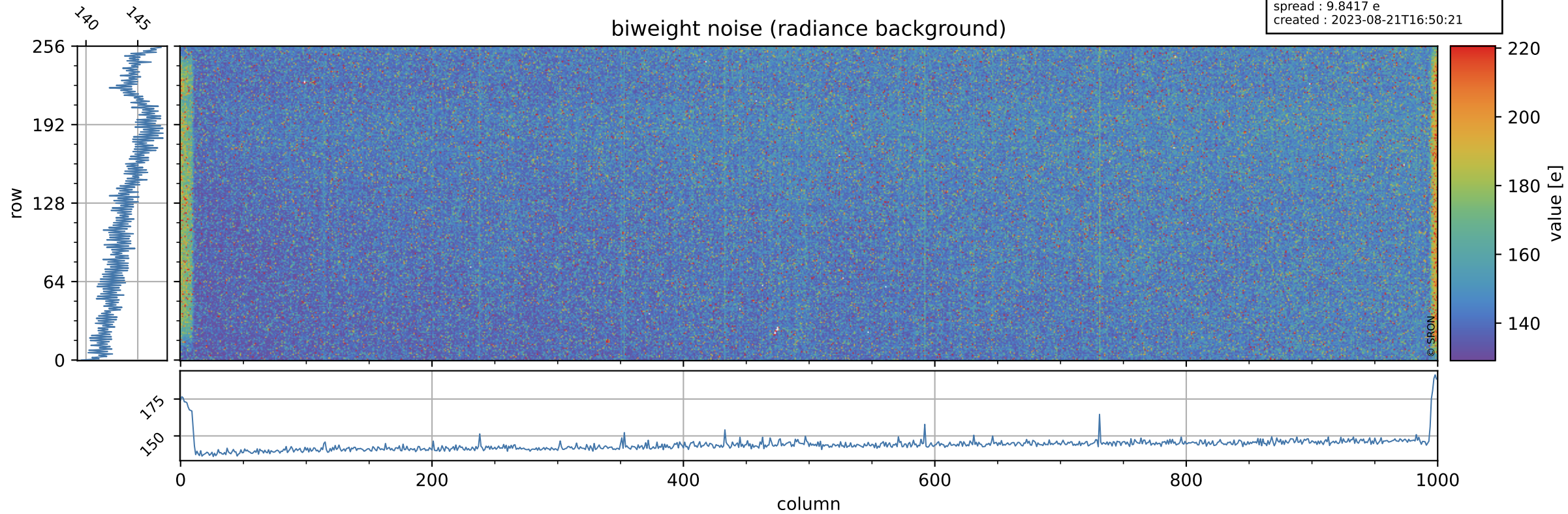
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8417 e
created : 2023-08-21T16:50:21

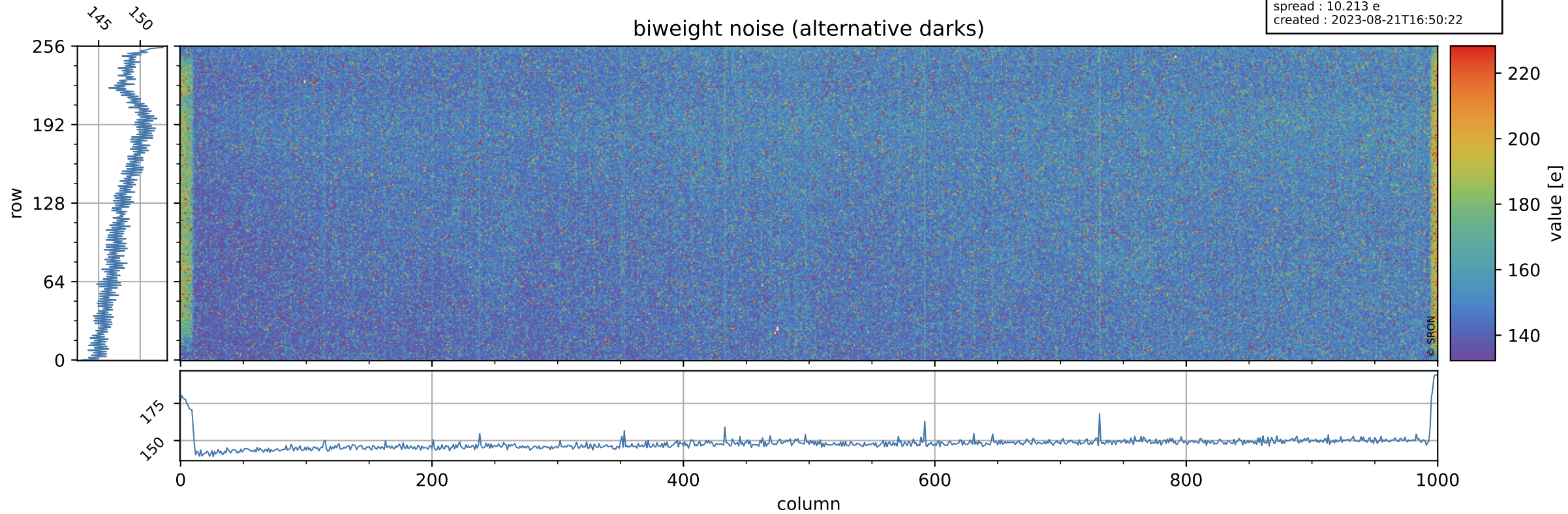
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.213 e
created : 2023-08-21T16:50:22

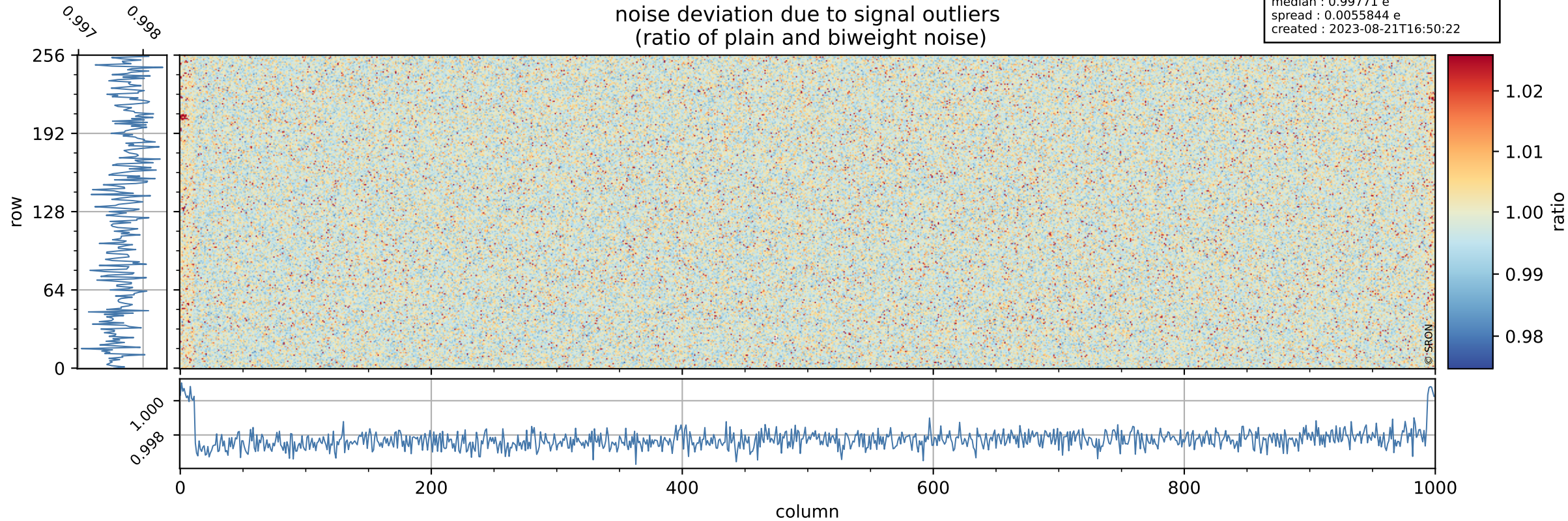
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

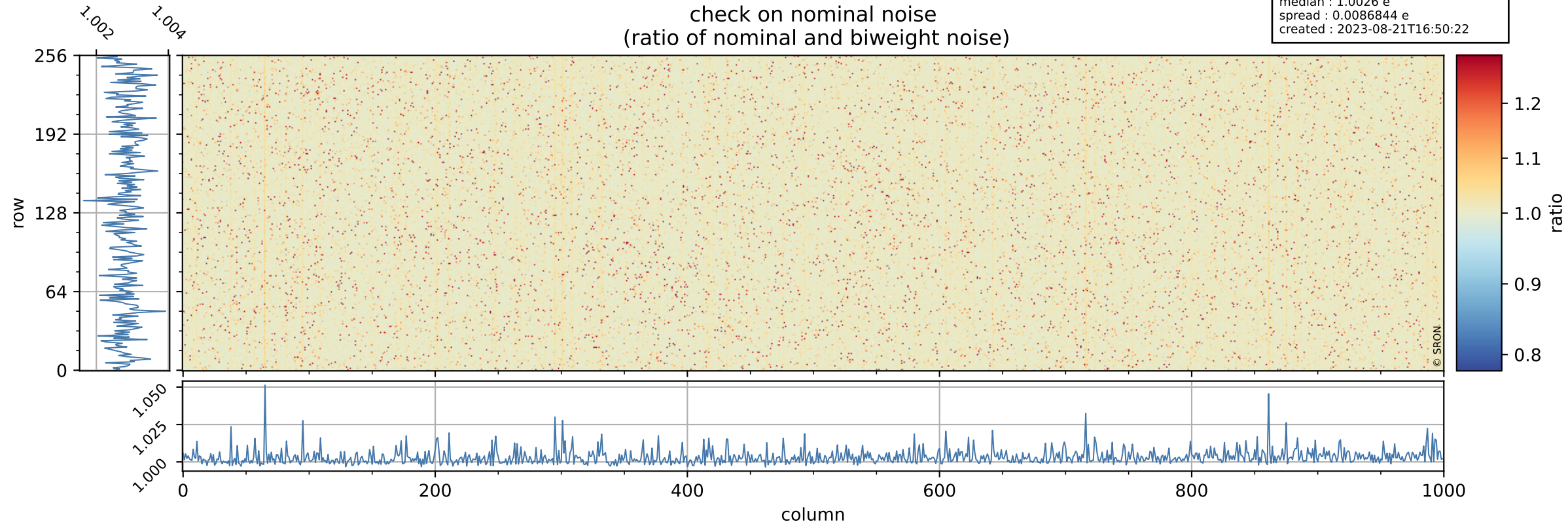
orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
median : 0.99771 e
spread : 0.0055844 e
created : 2023-08-21T16:50:22



Tropomi SWIR background noise (swir)

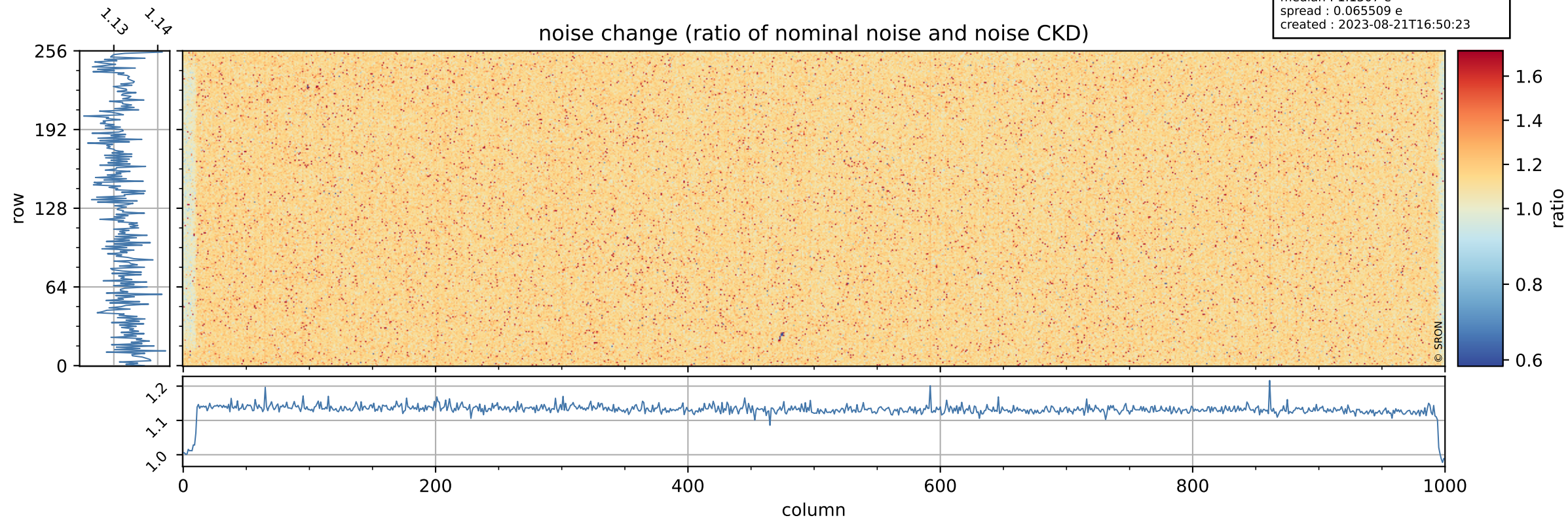
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
median : 1.0026 e
spread : 0.0086844 e
created : 2023-08-21T16:50:22



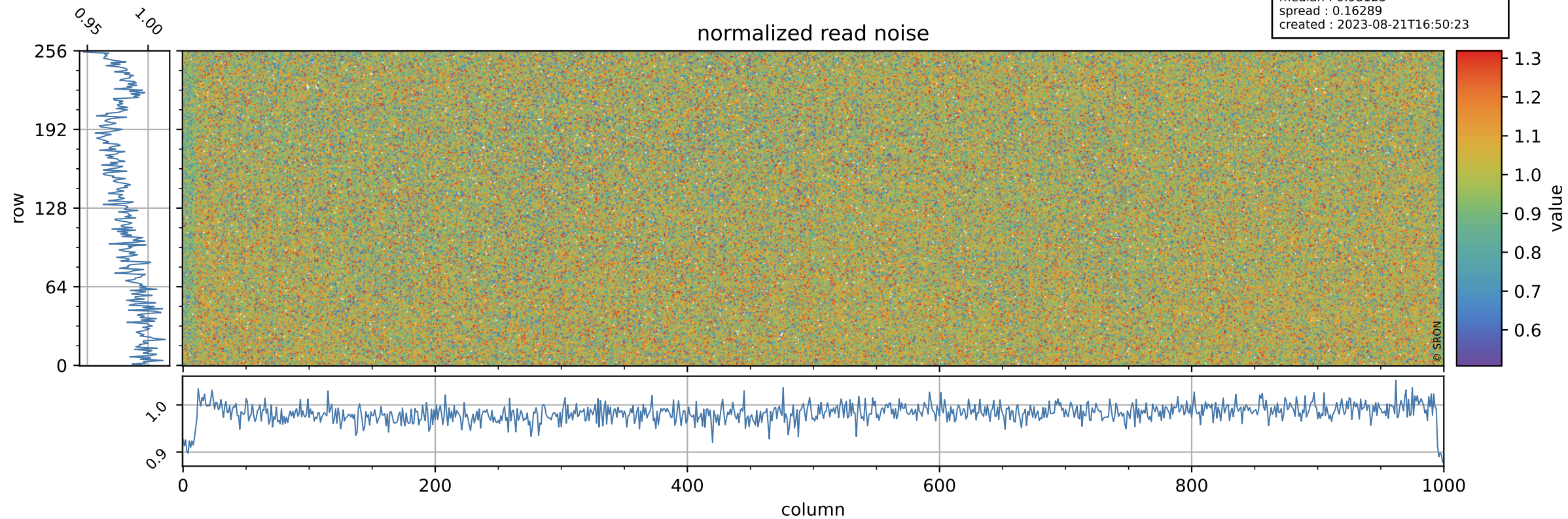
Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
median : 1.1307 e
spread : 0.065509 e
created : 2023-08-21T16:50:23



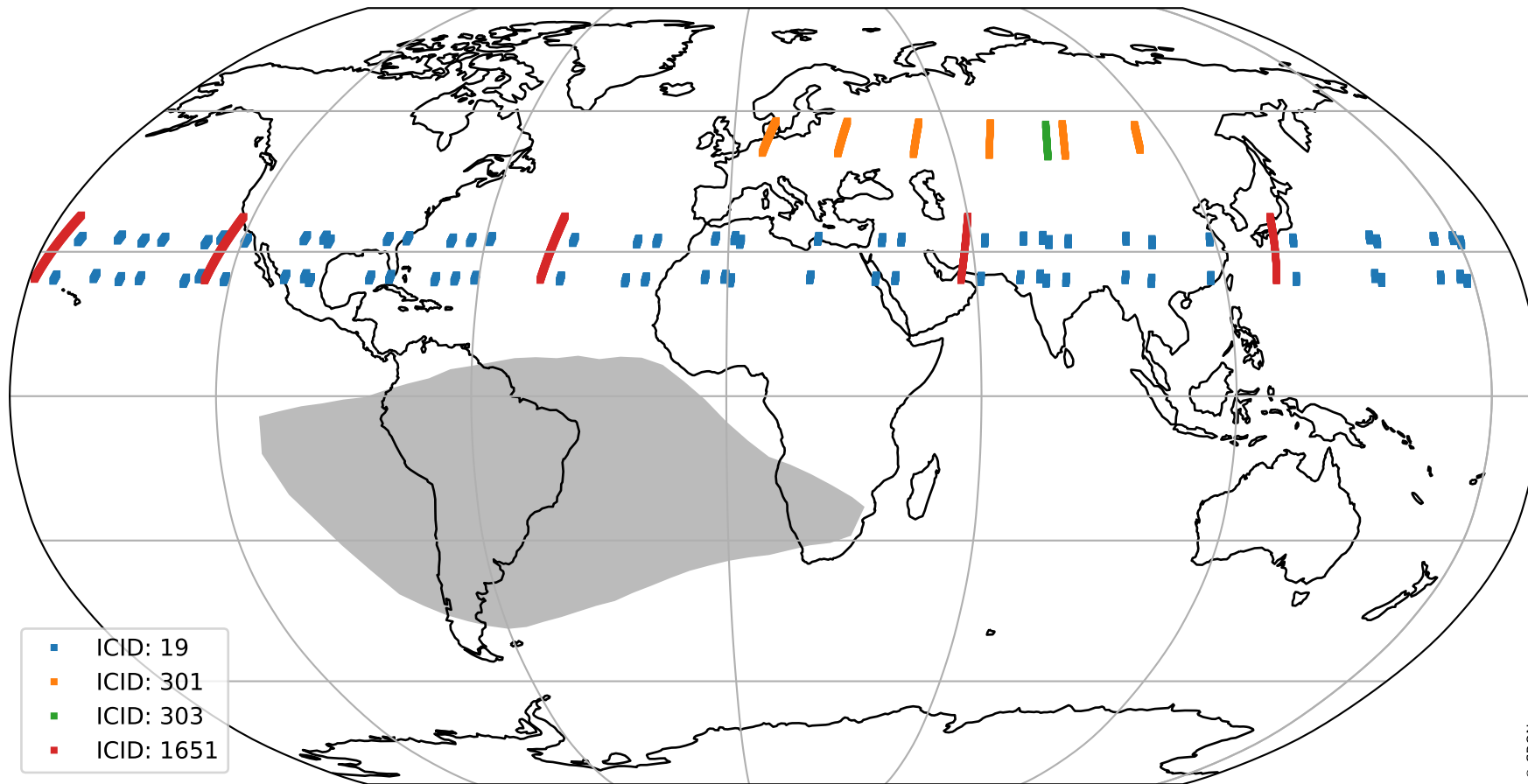
Tropomi SWIR background noise (swir)

orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
median : 0.98125
spread : 0.16289
created : 2023-08-21T16:50:23



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

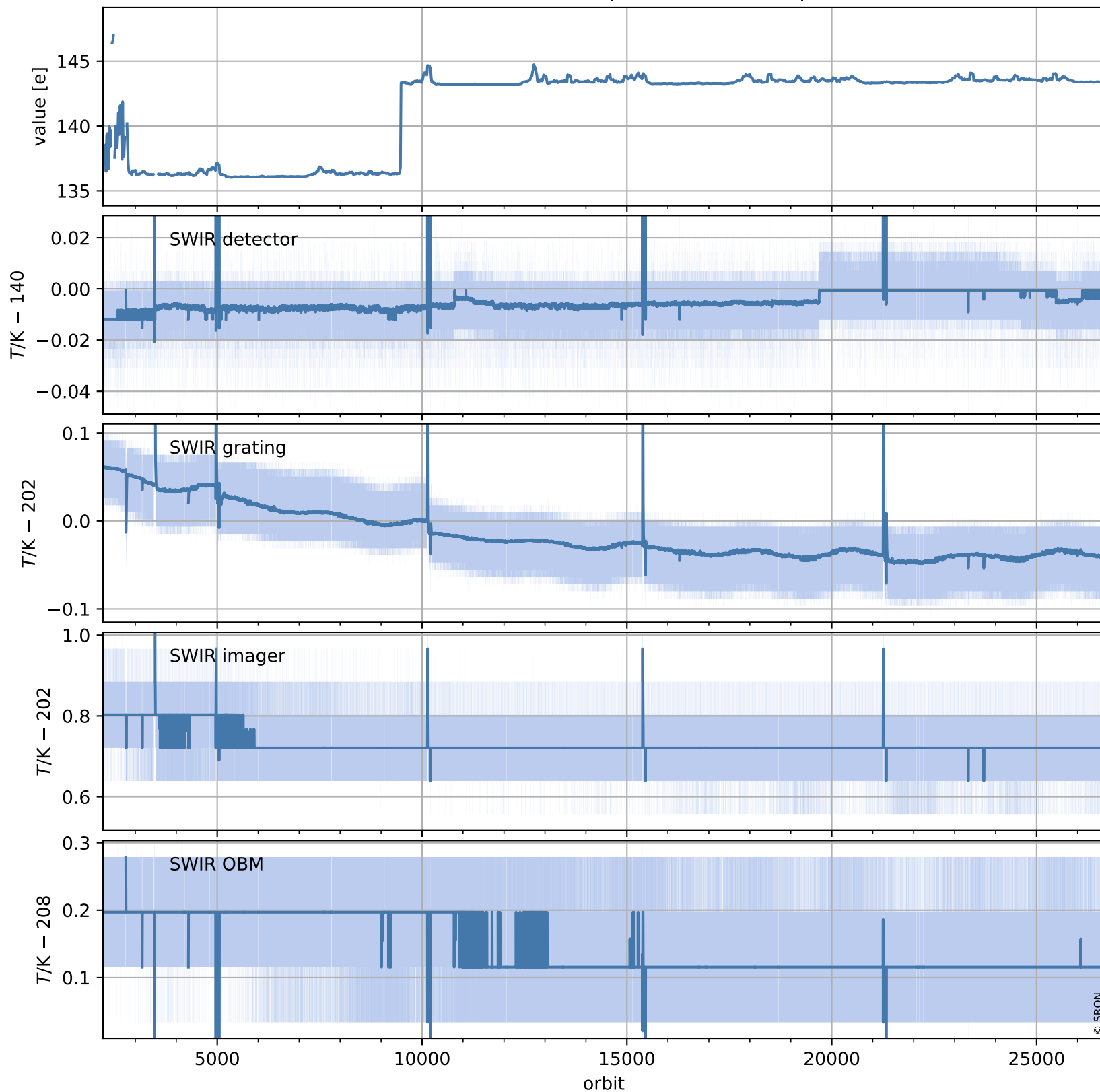
orbits : 12 in [26587, 26662]
coverage : 2022-11-29 / 2022-12-05
created : 2023-08-21T16:50:23



Tropomi SWIR background noise (swir)

orbits : [2212, 26662]
coverage : 2018-03-18 / 2022-12-05
created : 2023-08-21T16:50:23

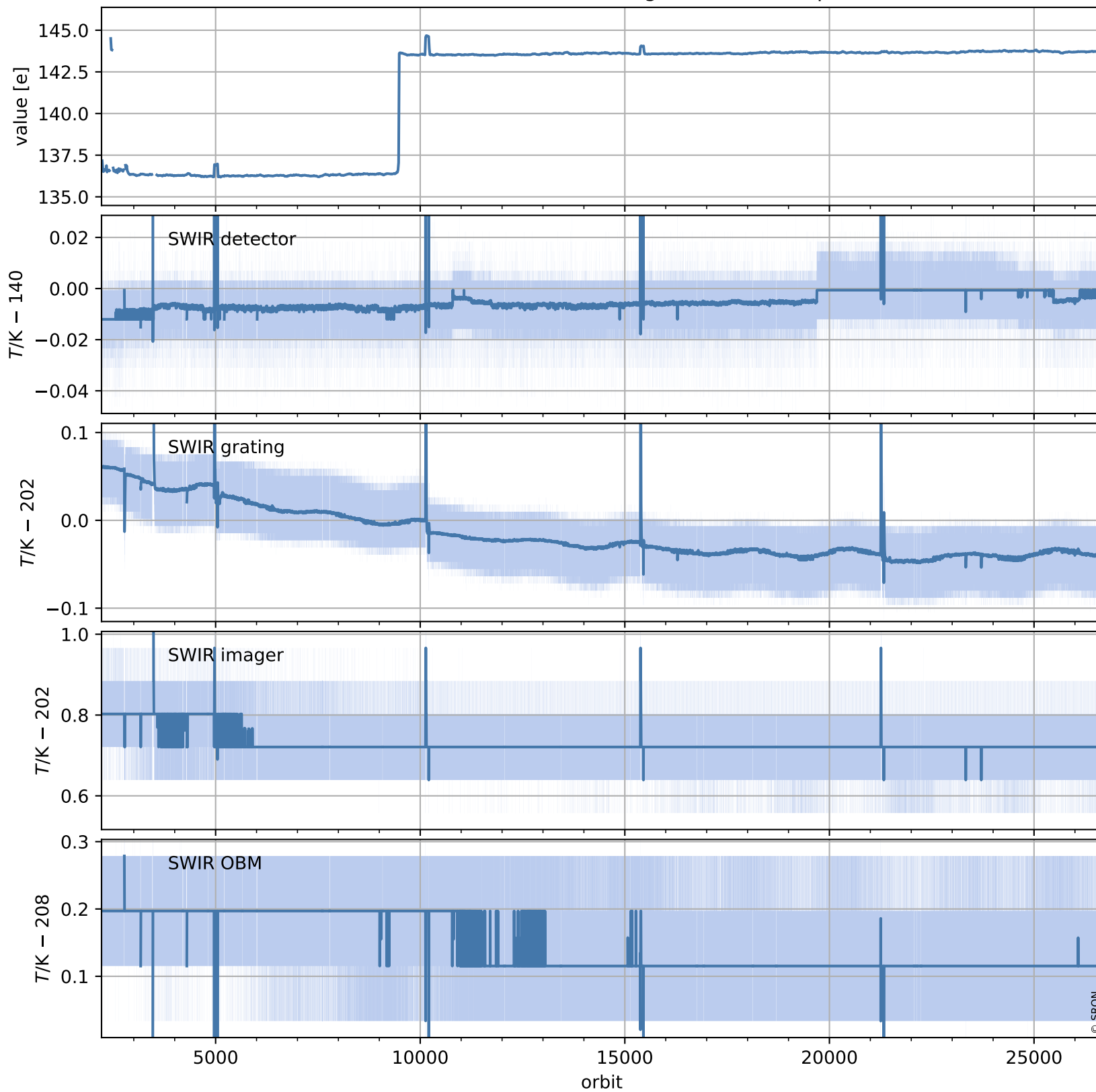
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26662]
coverage : 2018-03-18 / 2022-12-05
created : 2023-08-21T16:50:24

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26662]
coverage : 2018-03-18 / 2022-12-05
created : 2023-08-21T16:50:25

trend of normalized read-noise & temperatures

