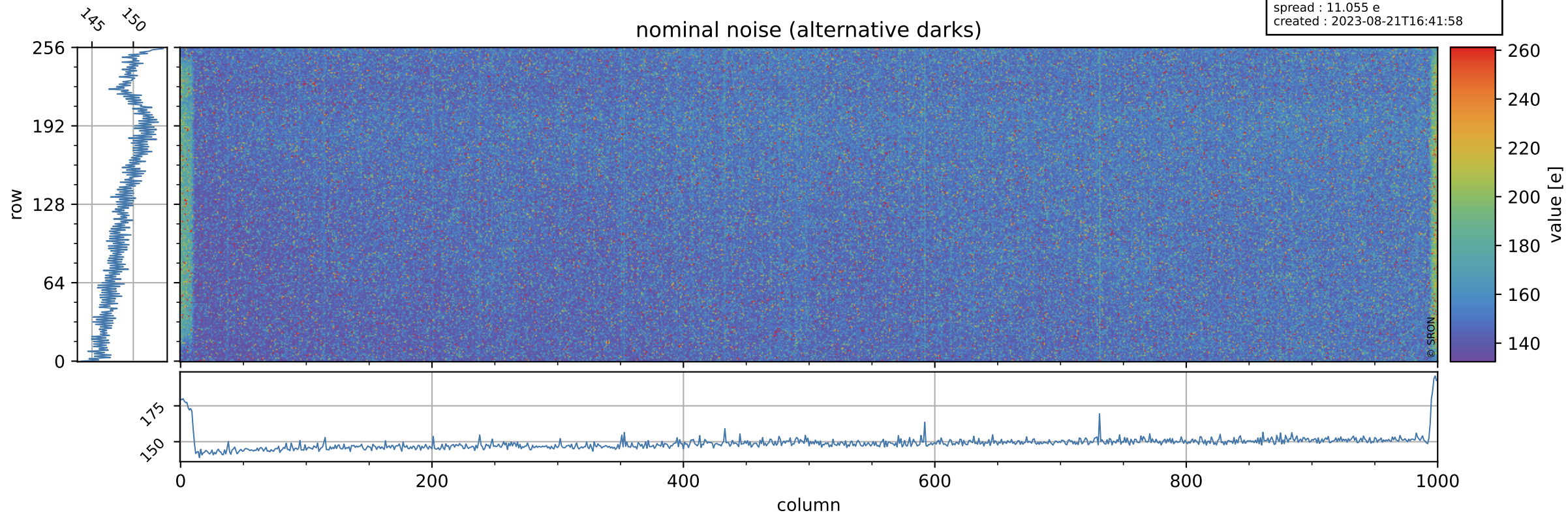


Tropomi SWIR background noise (swir)

orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 11.055 e
created : 2023-08-21T16:41:58

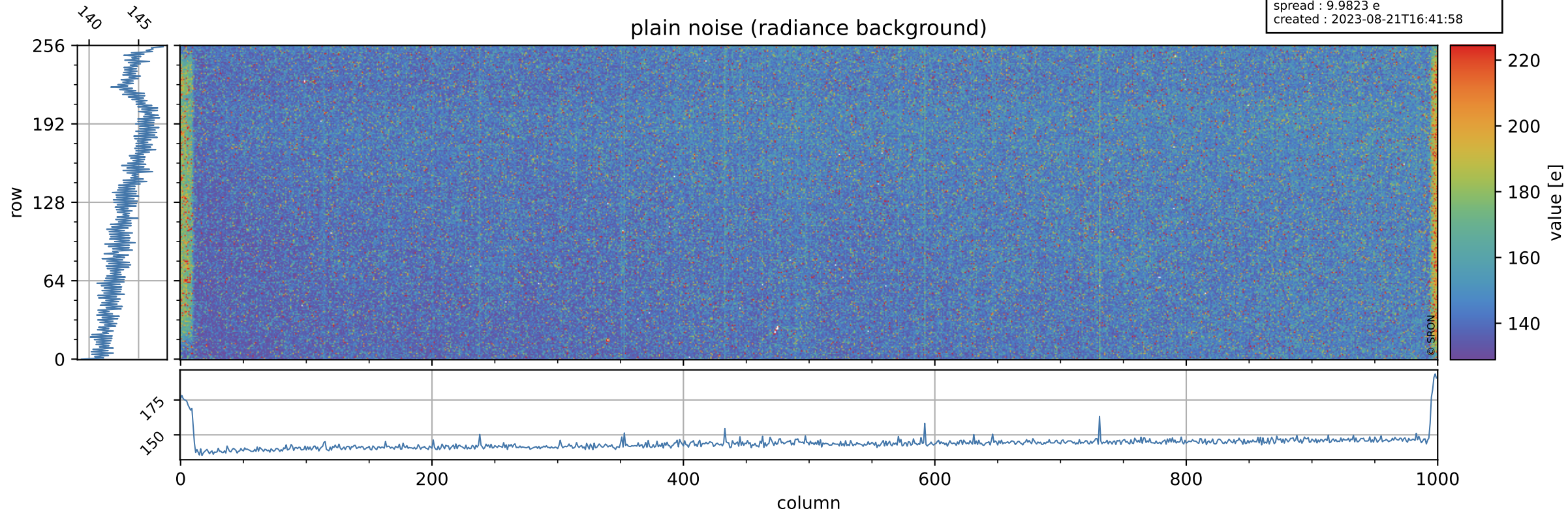
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.9823 e
created : 2023-08-21T16:41:58

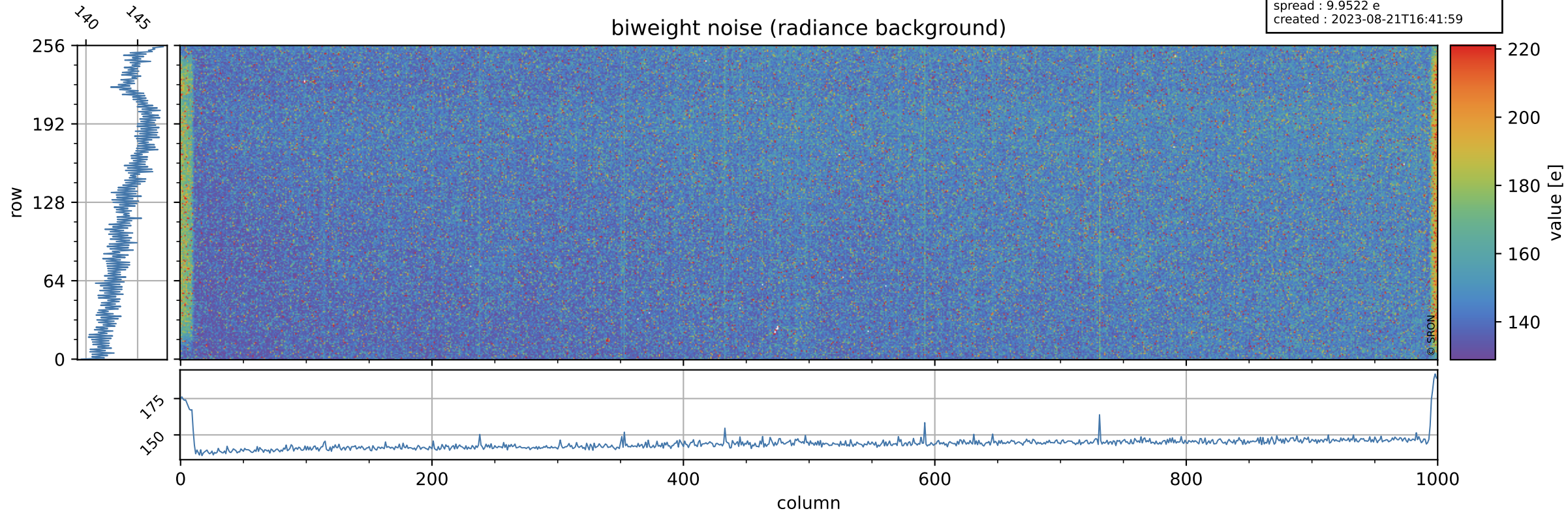
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
n_coad, t_exp : 1, 0.8383
median : 143.89 e
spread : 9.9522 e
created : 2023-08-21T16:41:59

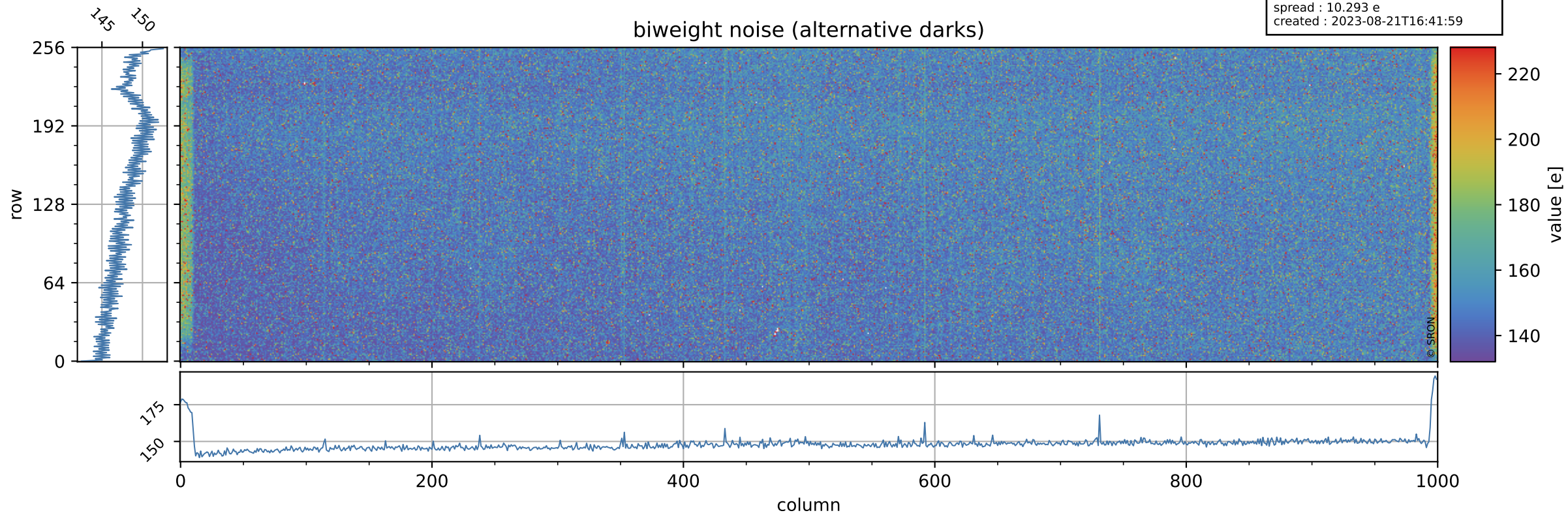
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.293 e
created : 2023-08-21T16:41:59

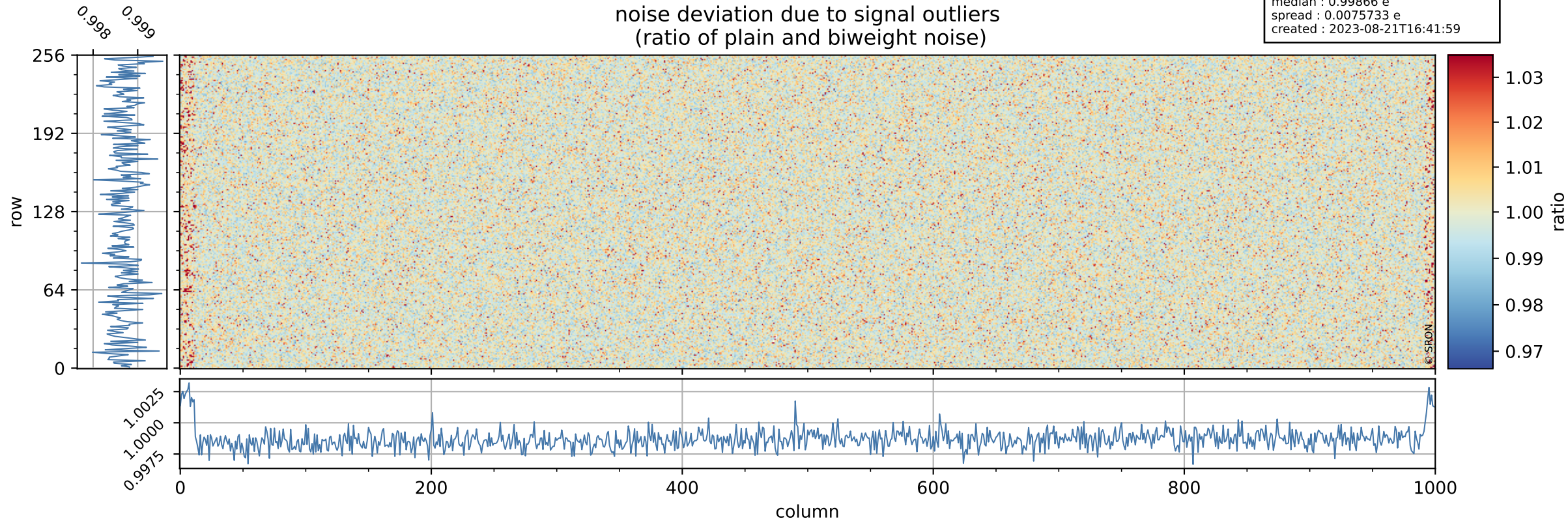
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

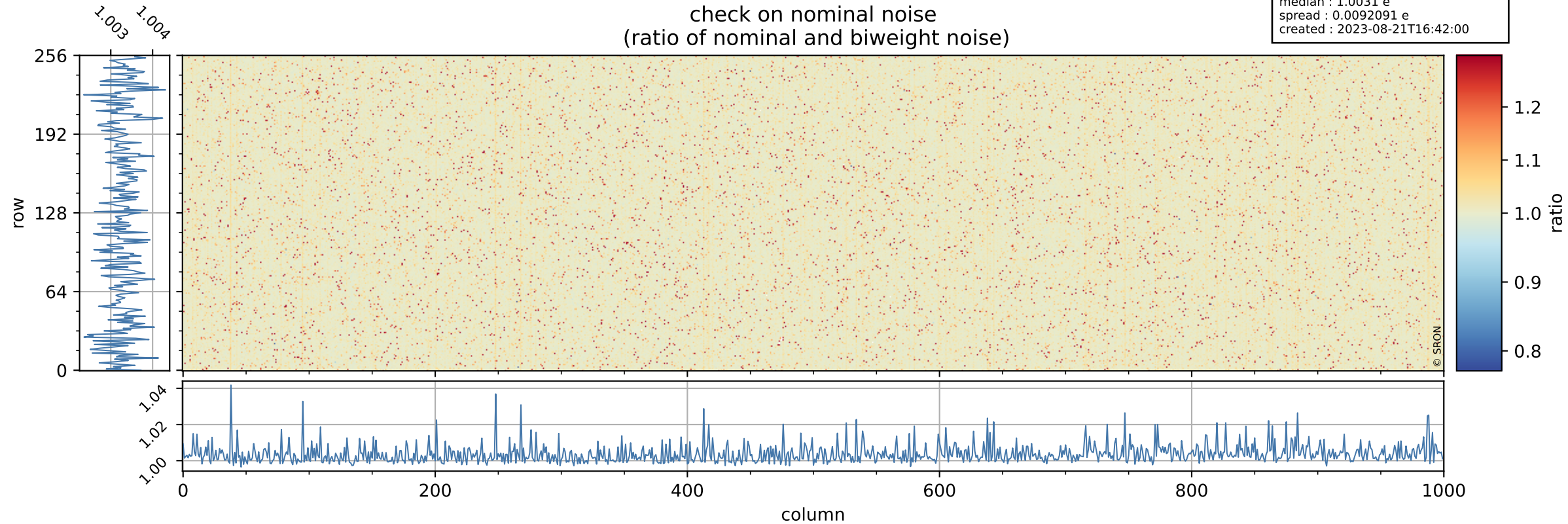
orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
median : 0.99866 e
spread : 0.0075733 e
created : 2023-08-21T16:41:59



Tropomi SWIR background noise (swir)

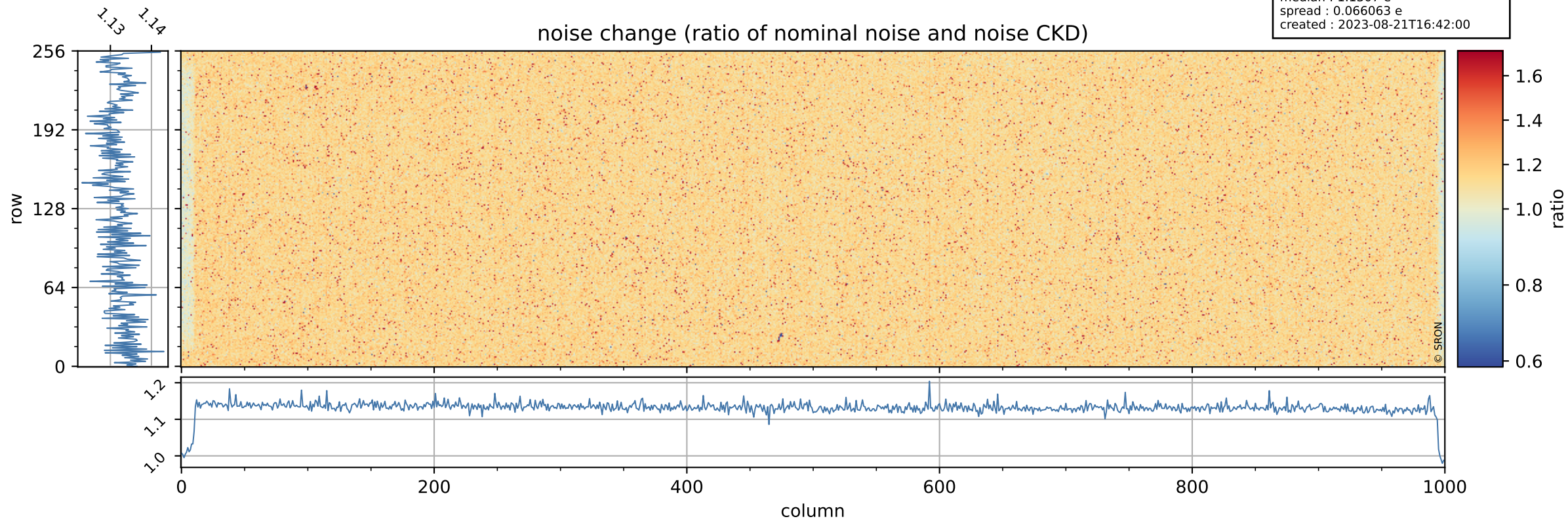
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
median : 1.0031 e
spread : 0.0092091 e
created : 2023-08-21T16:42:00



Tropomi SWIR background noise (swir)

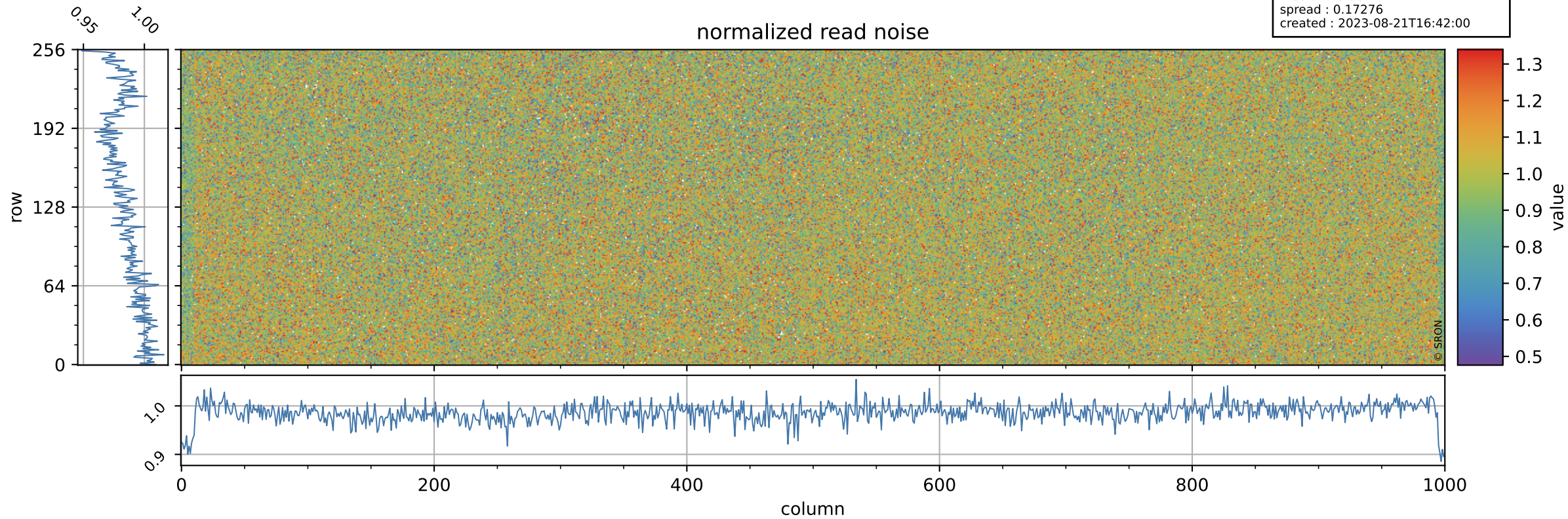
orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
median : 1.1307 e
spread : 0.066063 e
created : 2023-08-21T16:42:00



Tropomi SWIR background noise (swir)

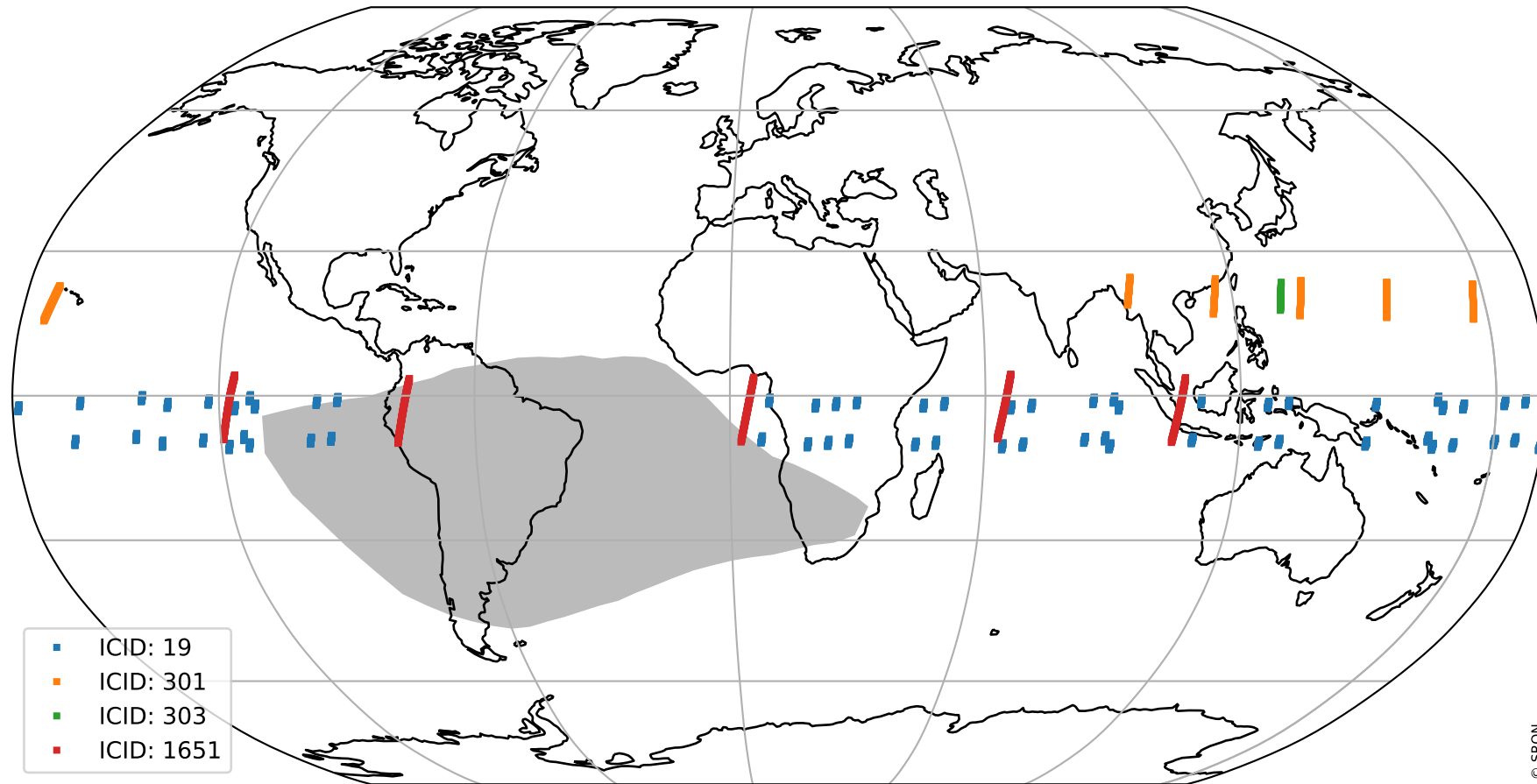
orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
median : 0.98427
spread : 0.17276
created : 2023-08-21T16:42:00

normalized read noise



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

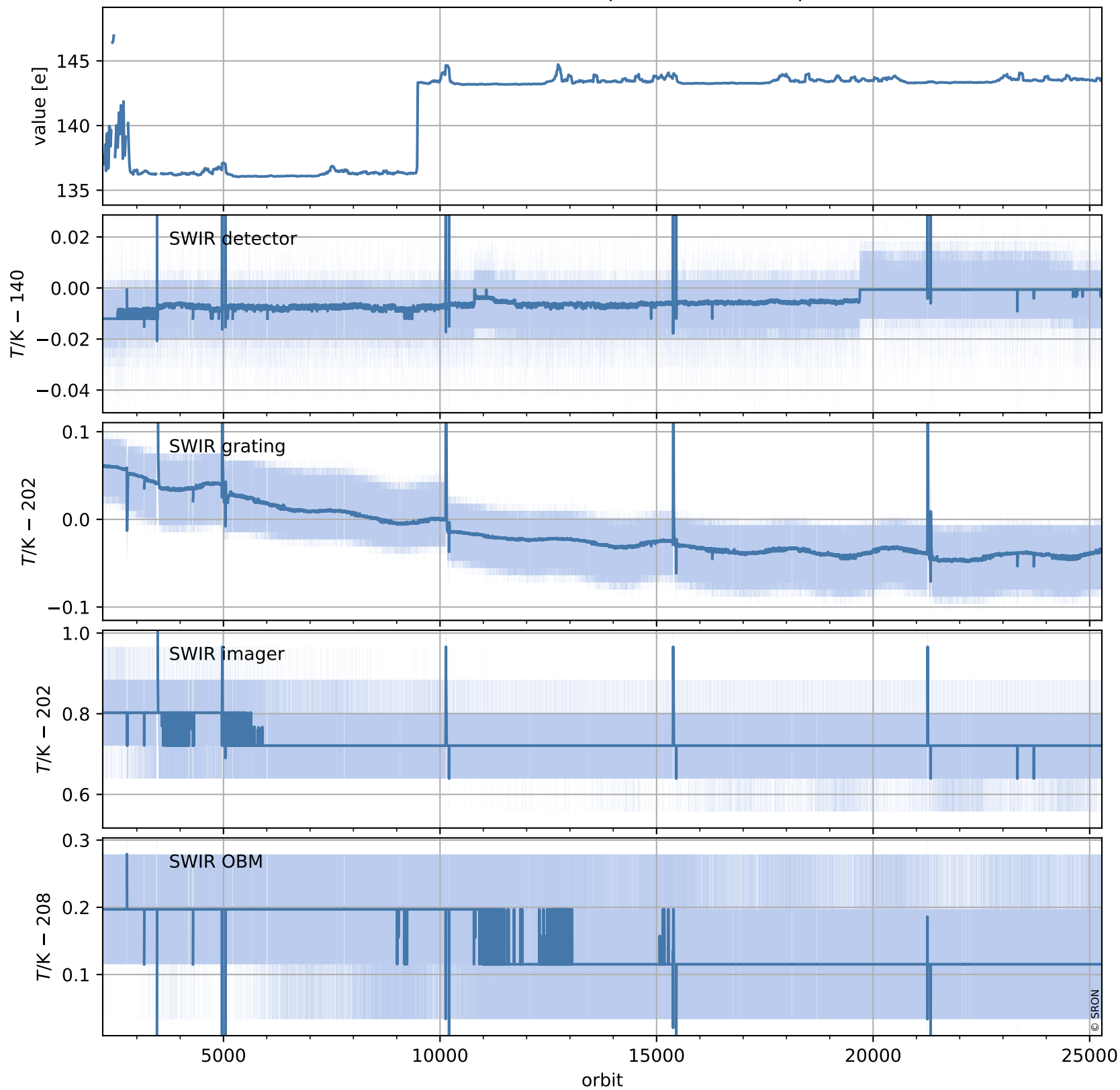
orbits : 12 in [25192, 25282]
coverage : 2022-08-24 / 2022-08-29
created : 2023-08-21T16:42:00



Tropomi SWIR background noise (swir)

orbits : [2212, 25282]
coverage : 2018-03-18 / 2022-08-29
created : 2023-08-21T16:42:01

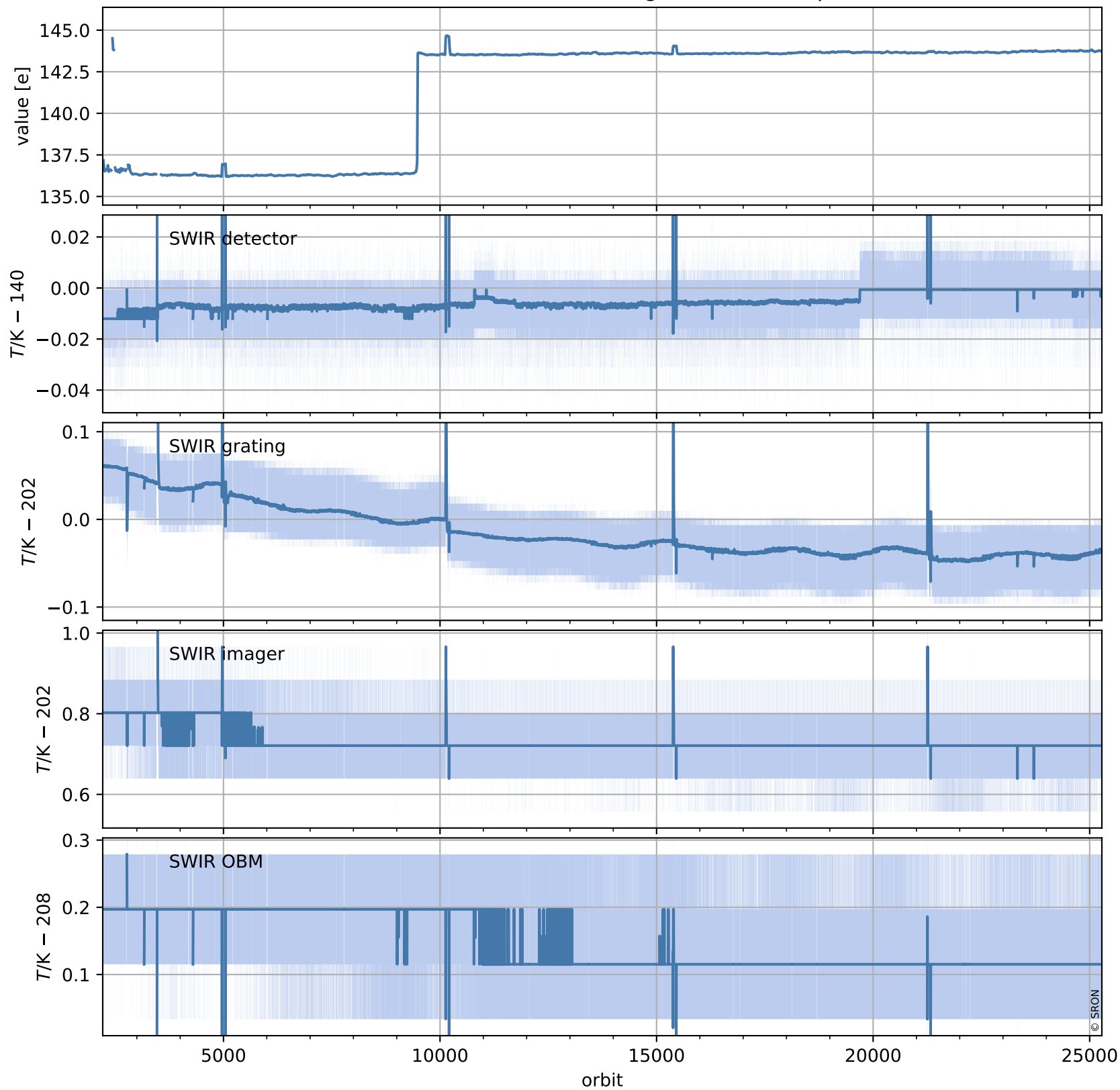
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25282]
coverage : 2018-03-18 / 2022-08-29
created : 2023-08-21T16:42:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25282]
coverage : 2018-03-18 / 2022-08-29
created : 2023-08-21T16:42:02

trend of normalized read-noise & temperatures

