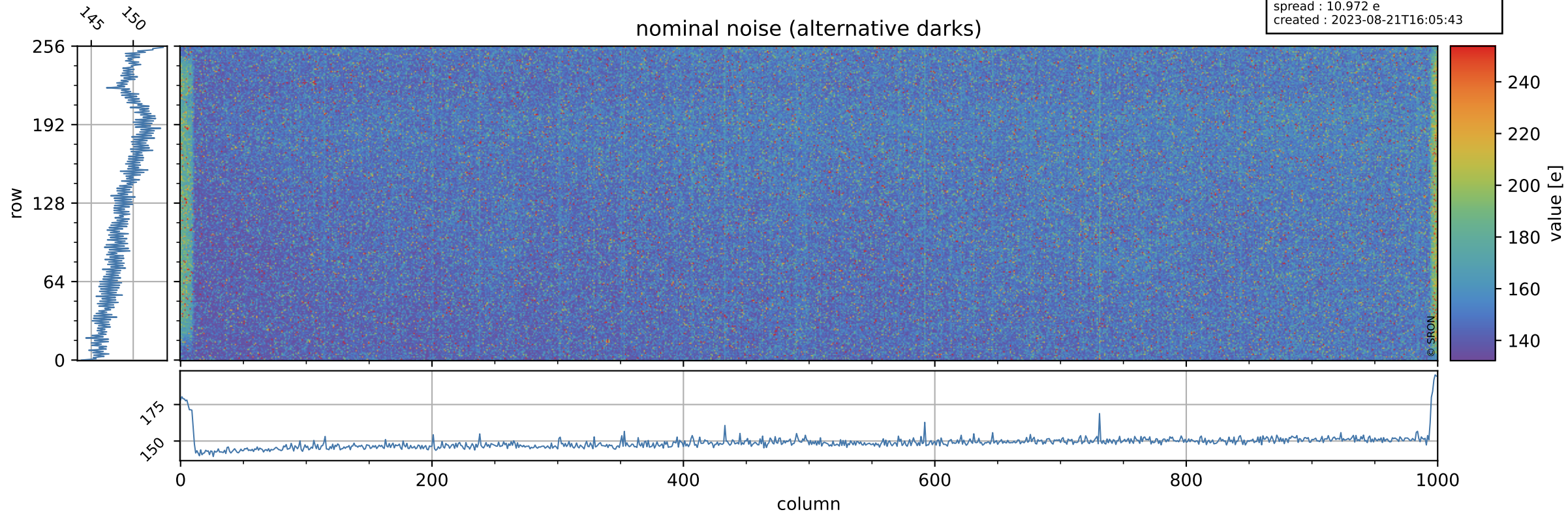


Tropomi SWIR background noise (swir)

orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
n_coad, t_exp : 1, 1.0783
median : 148.75 e
spread : 10.972 e
created : 2023-08-21T16:05:43

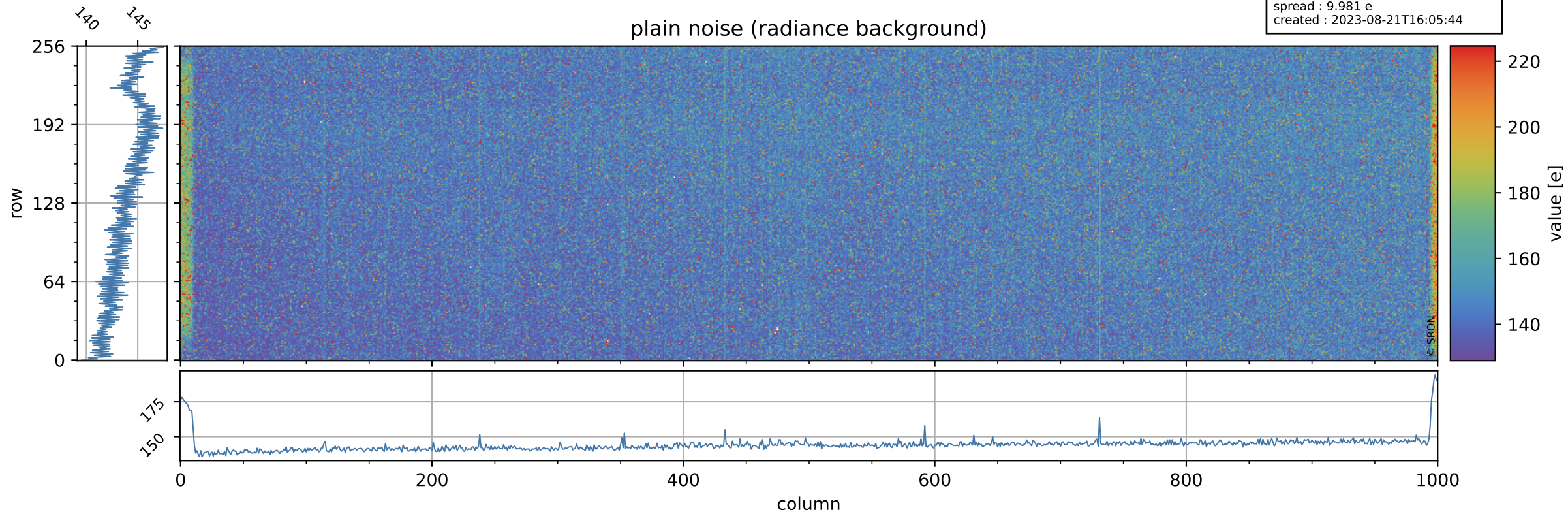
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.981 e
created : 2023-08-21T16:05:44

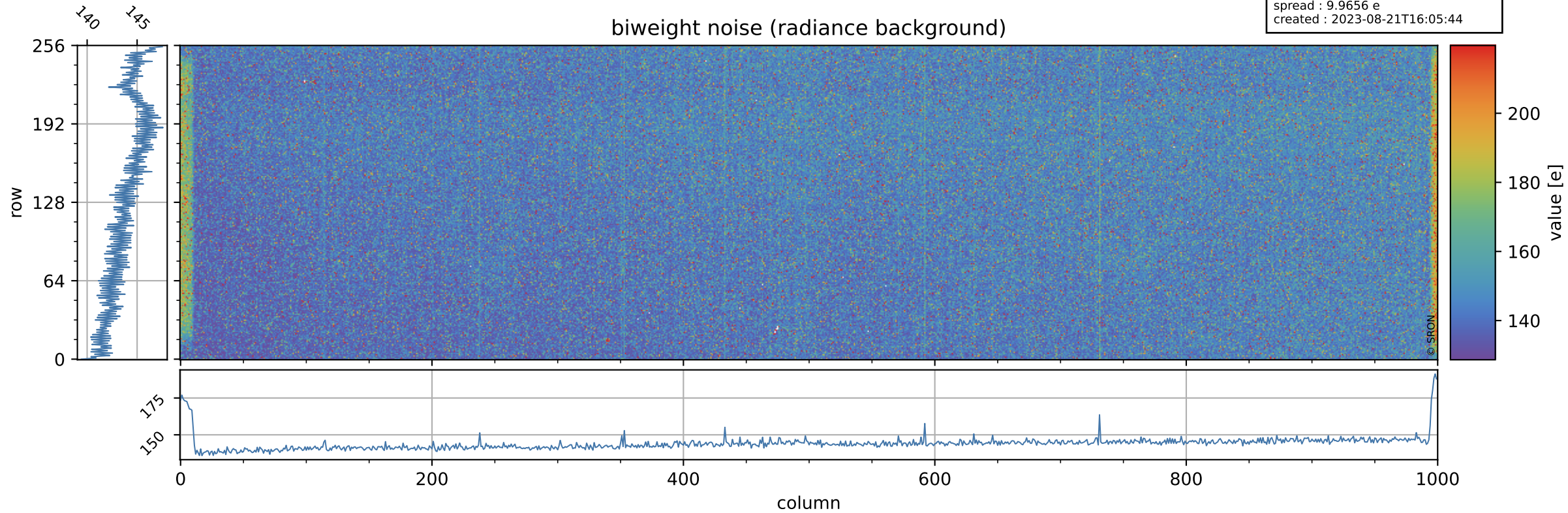
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.9656 e
created : 2023-08-21T16:05:44

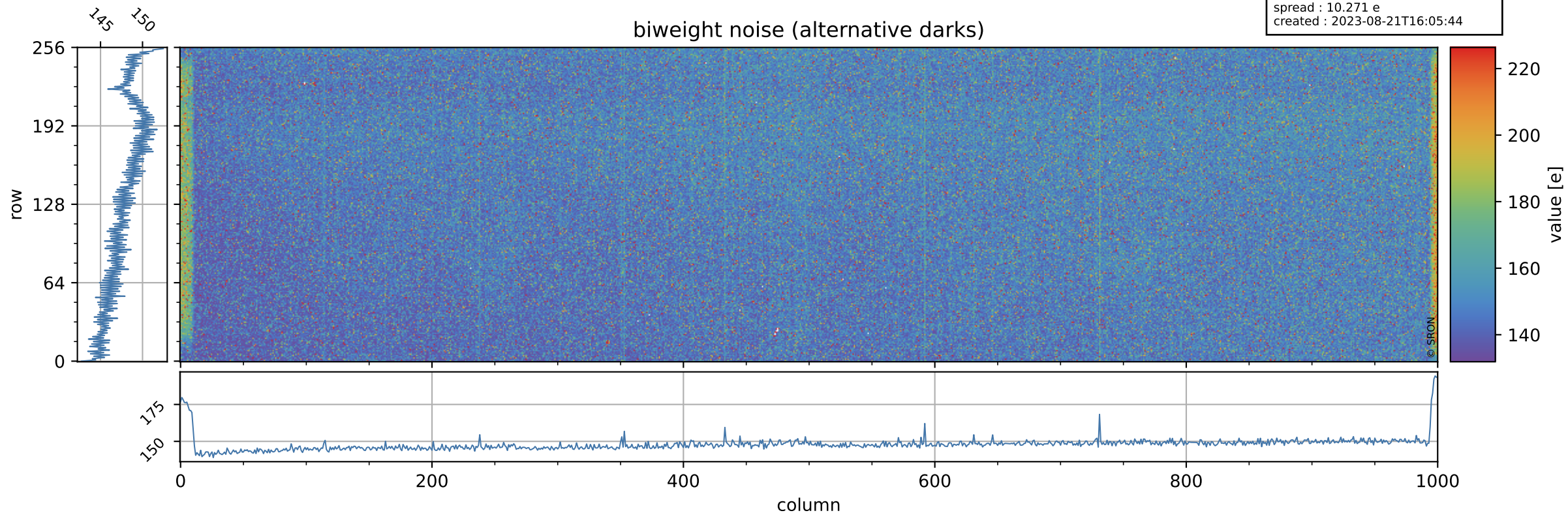
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.271 e
created : 2023-08-21T16:05:44

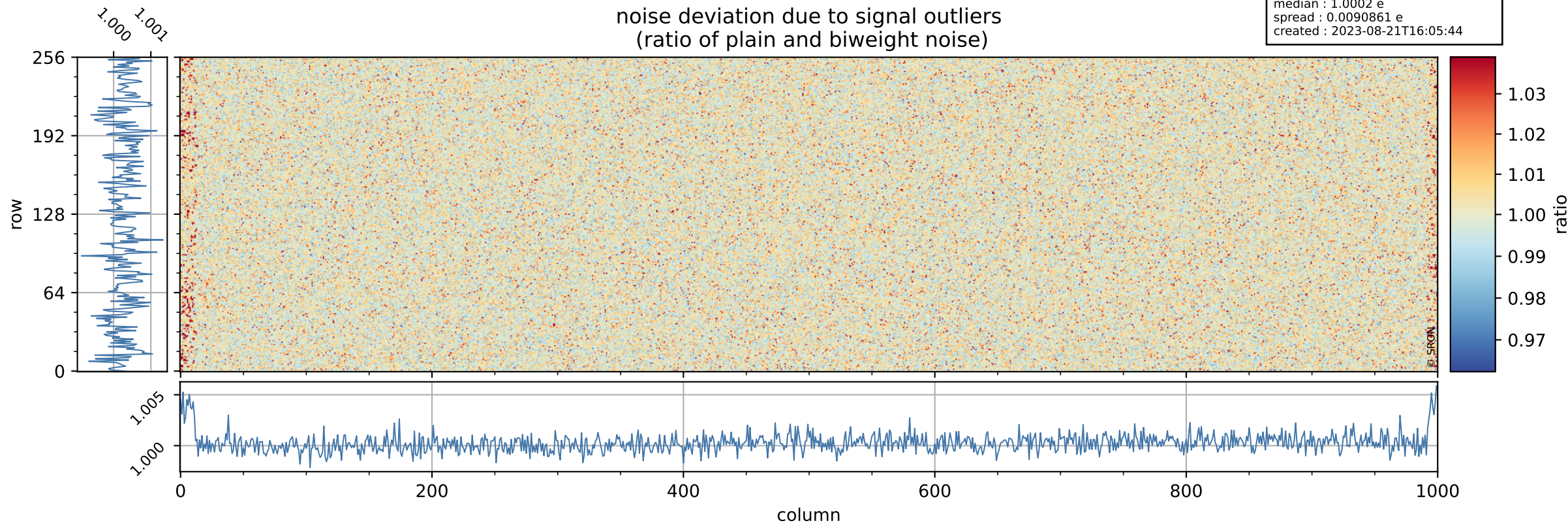
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

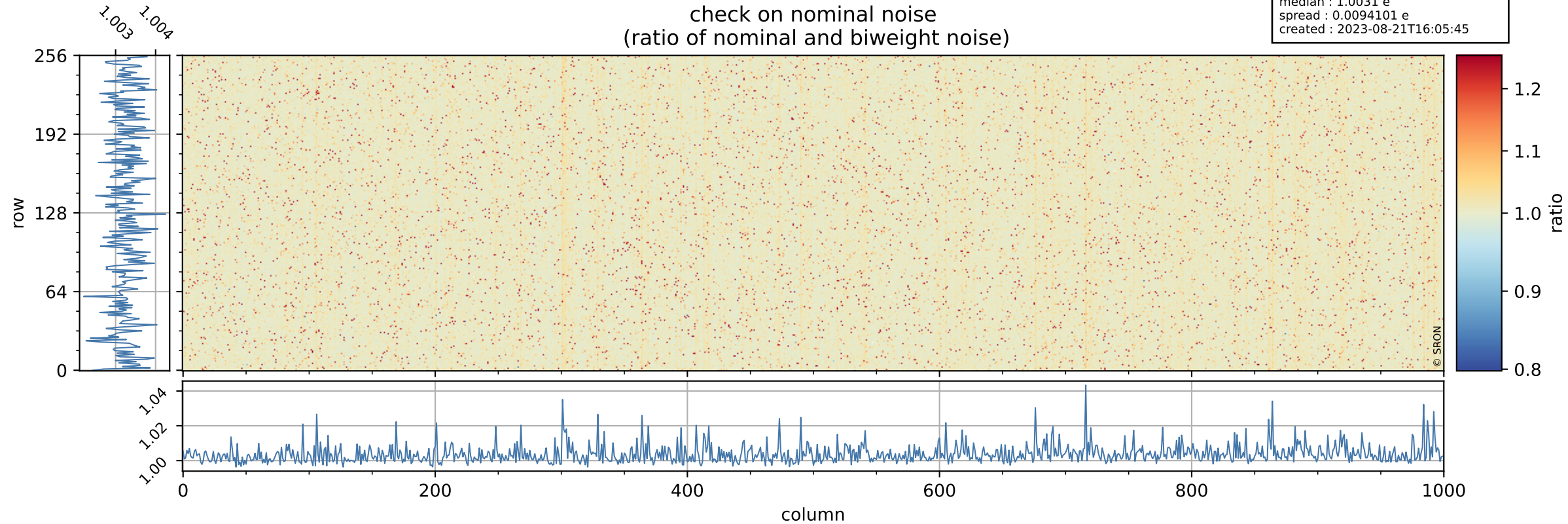
orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
median : 1.0002 e
spread : 0.0090861 e
created : 2023-08-21T16:05:44



Tropomi SWIR background noise (swir)

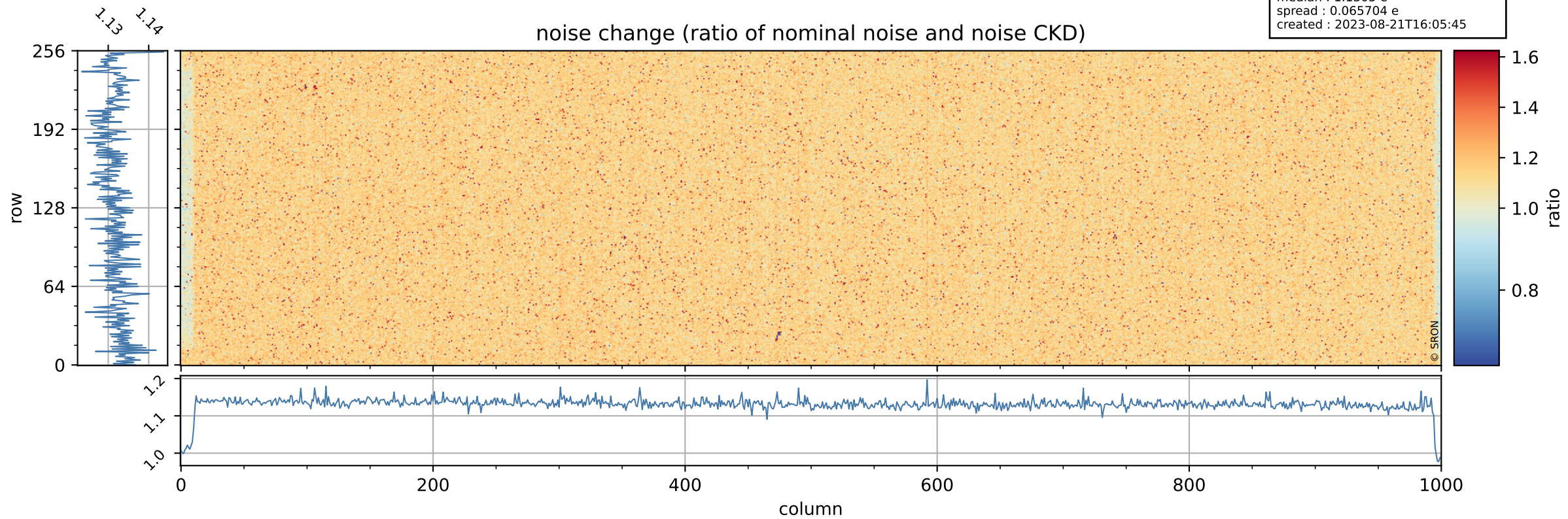
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
median : 1.0031 e
spread : 0.0094101 e
created : 2023-08-21T16:05:45



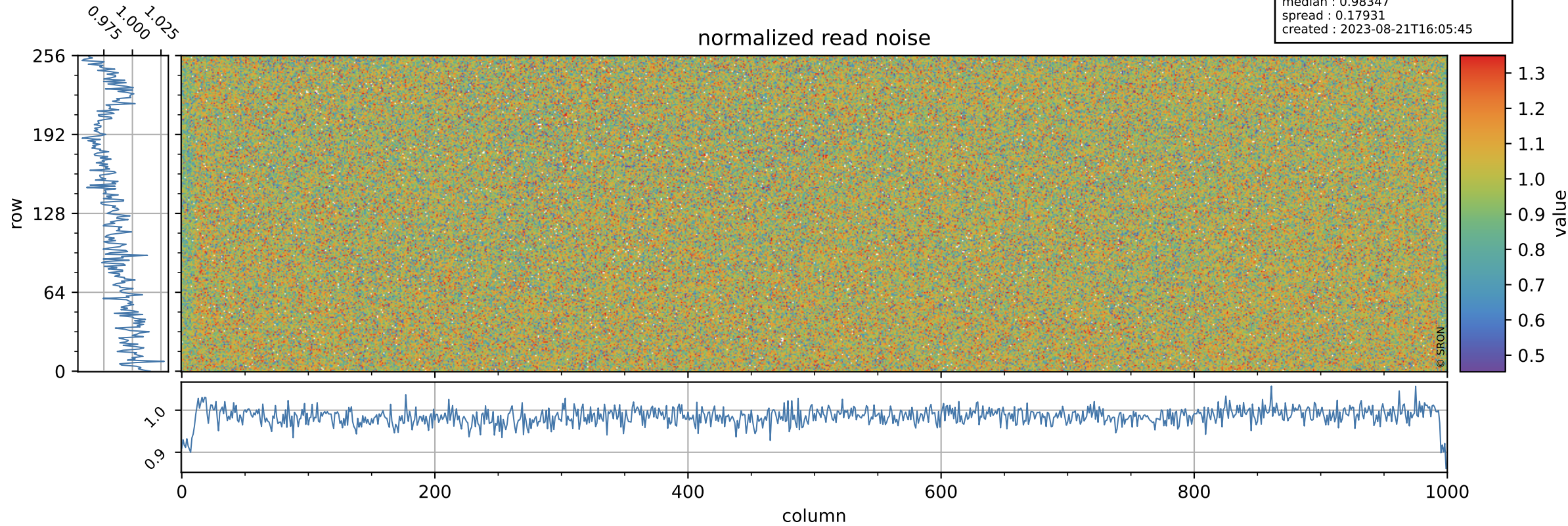
Tropomi SWIR background noise (swir)

orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
median : 1.1305 e
spread : 0.065704 e
created : 2023-08-21T16:05:45



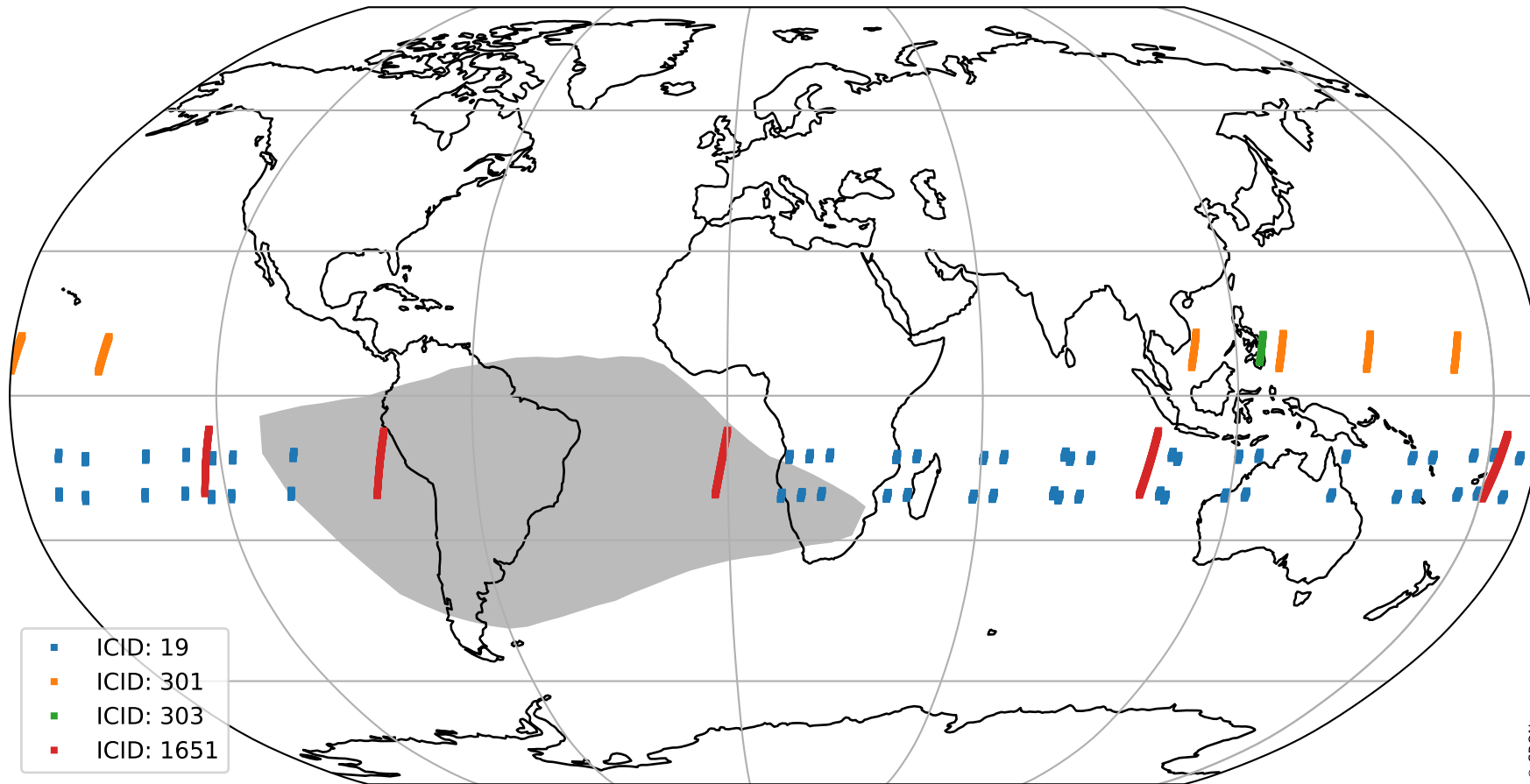
Tropomi SWIR background noise (swir)

orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
median : 0.98347
spread : 0.17931
created : 2023-08-21T16:05:45



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

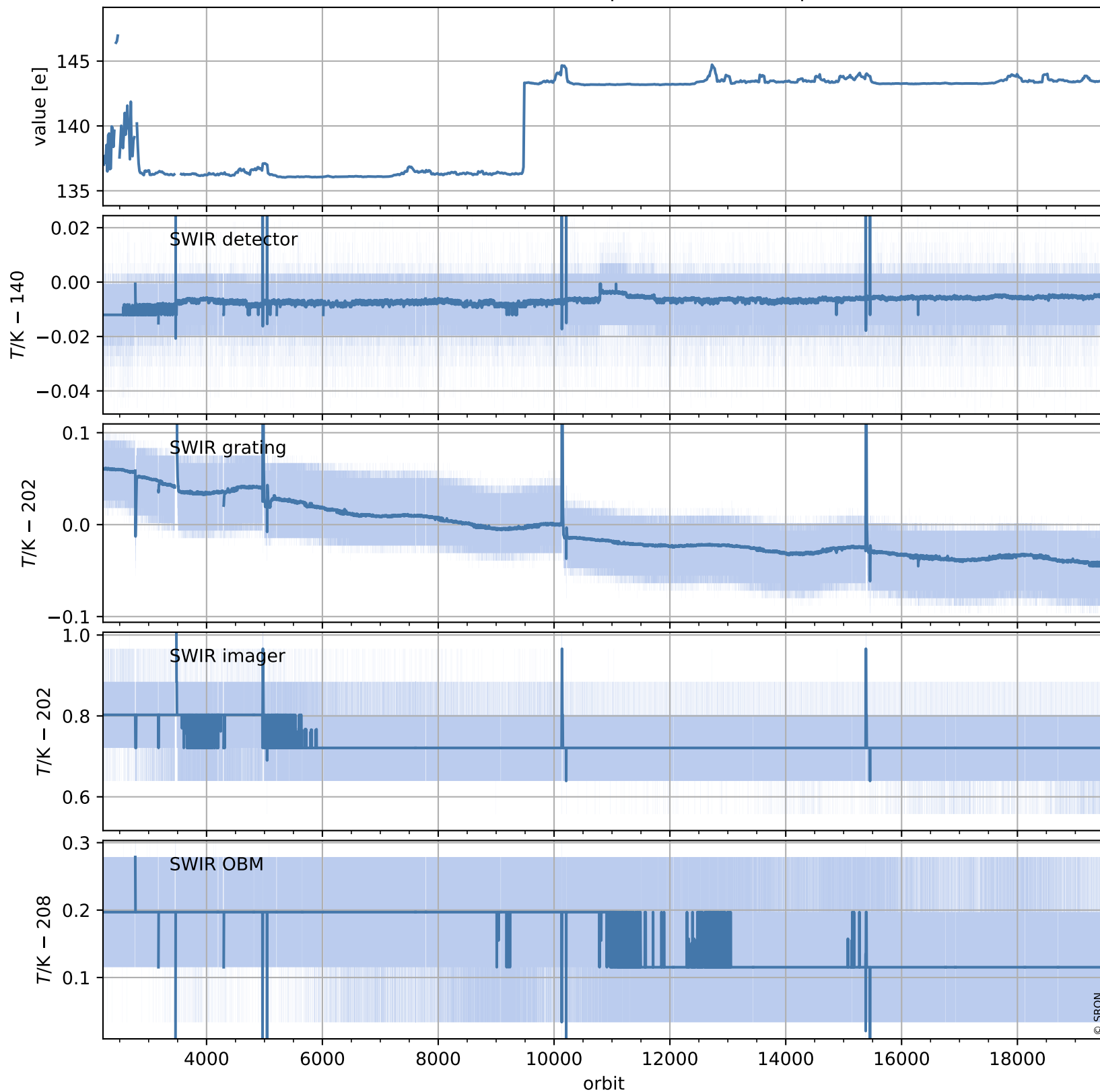
orbits : 12 in [19417, 19507]
coverage : 2021-07-13 / 2021-07-19
created : 2023-08-21T16:05:46



Tropomi SWIR background noise (swir)

orbits : [2212, 19507]
coverage : 2018-03-18 / 2021-07-19
created : 2023-08-21T16:05:46

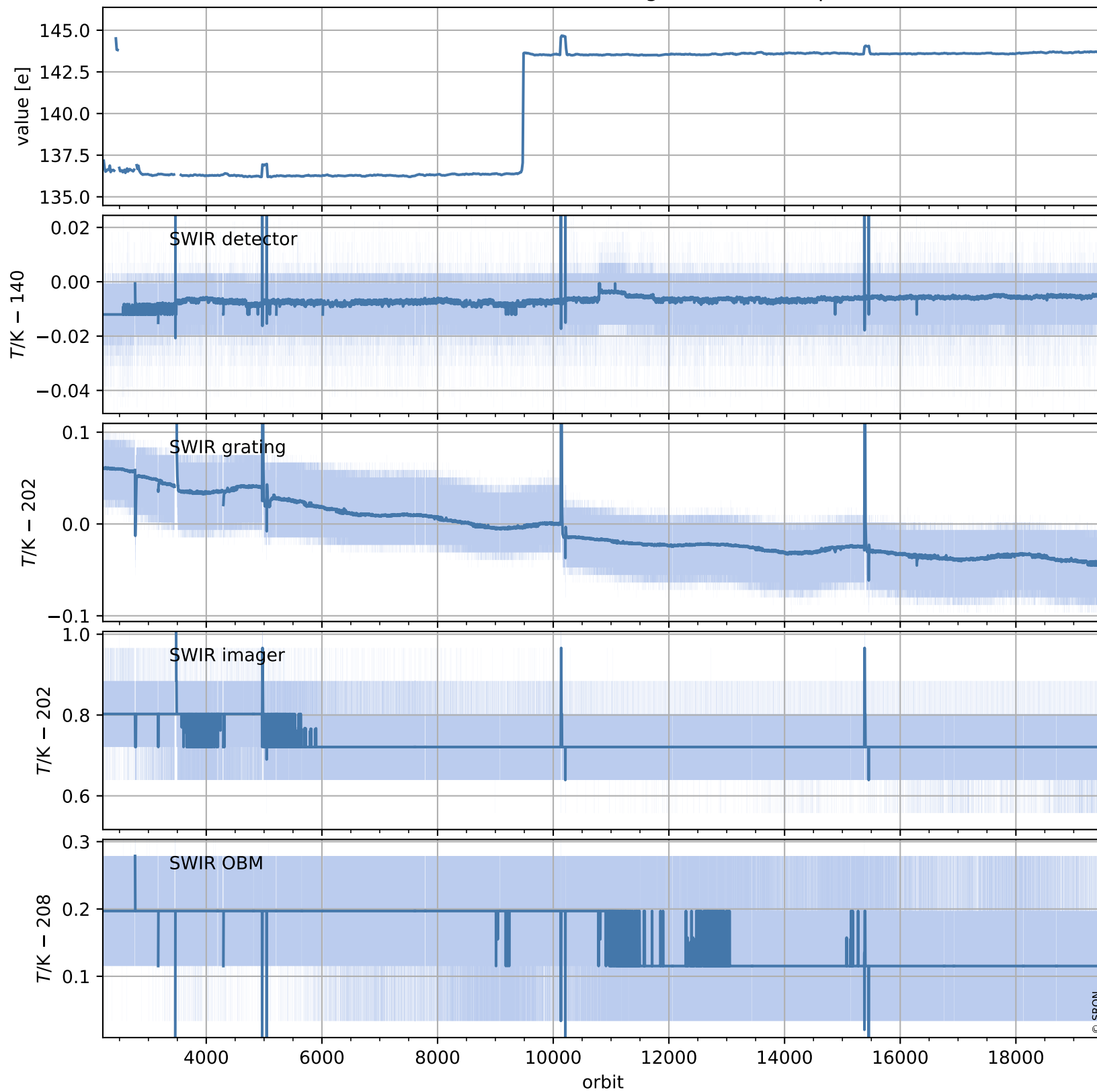
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19507]
coverage : 2018-03-18 / 2021-07-19
created : 2023-08-21T16:05:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19507]
coverage : 2018-03-18 / 2021-07-19
created : 2023-08-21T16:05:48

trend of normalized read-noise & temperatures

