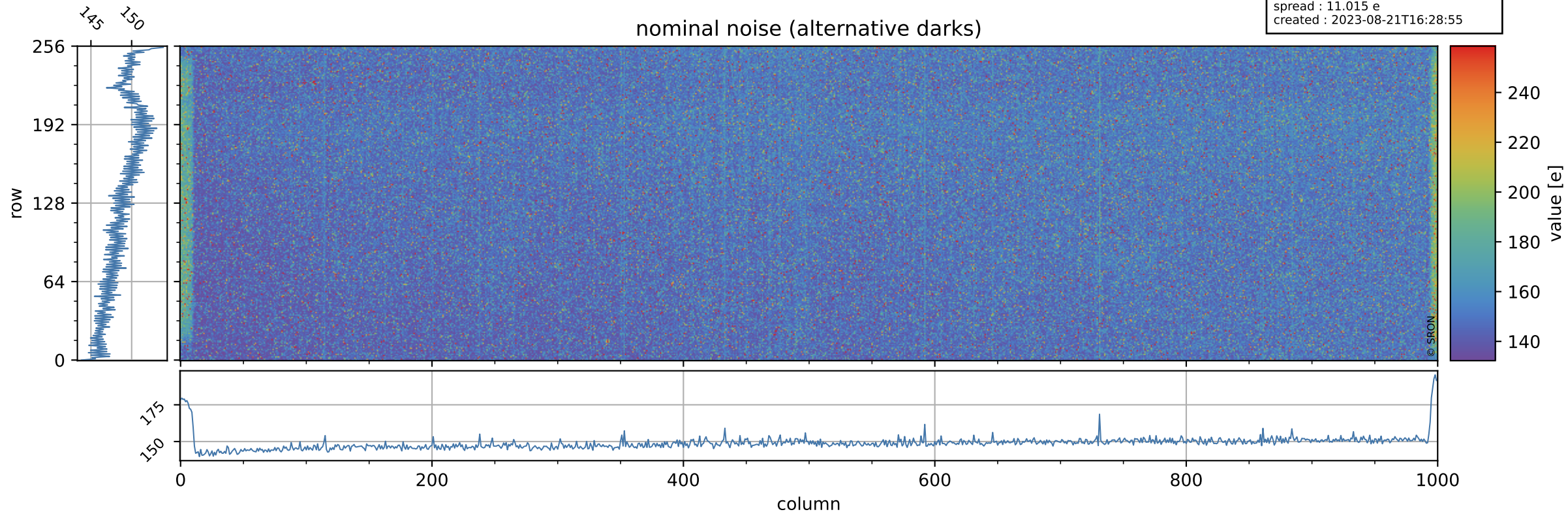


Tropomi SWIR background noise (swir)

orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 11.015 e
created : 2023-08-21T16:28:55

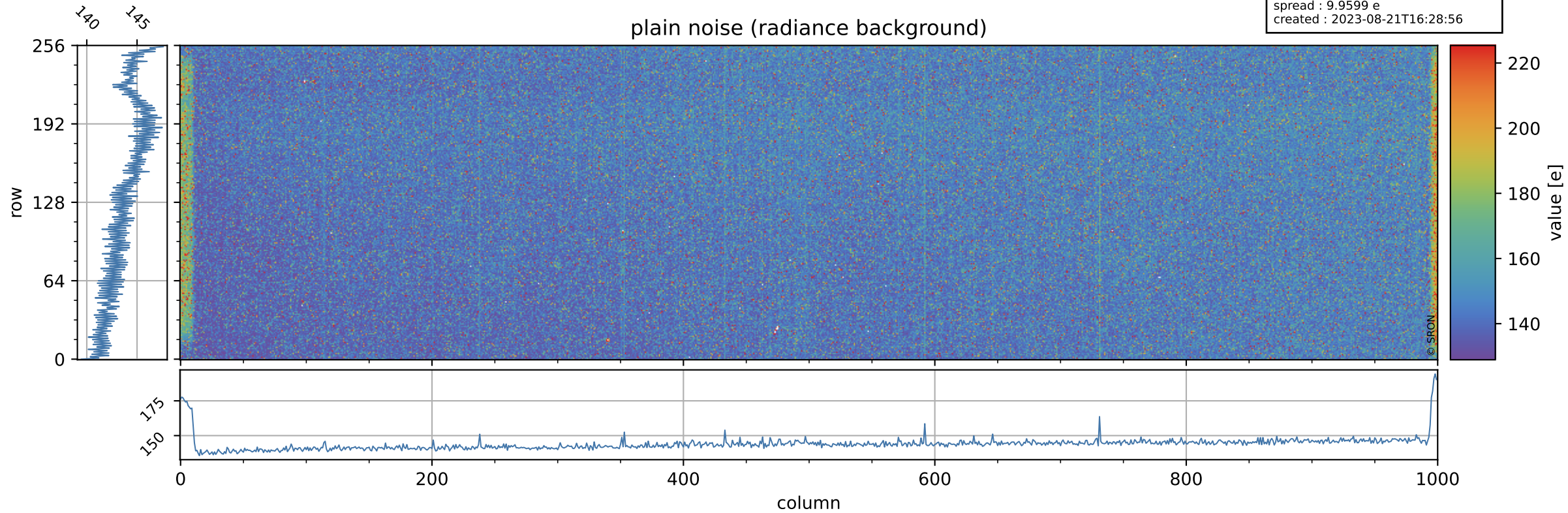
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.9599 e
created : 2023-08-21T16:28:56

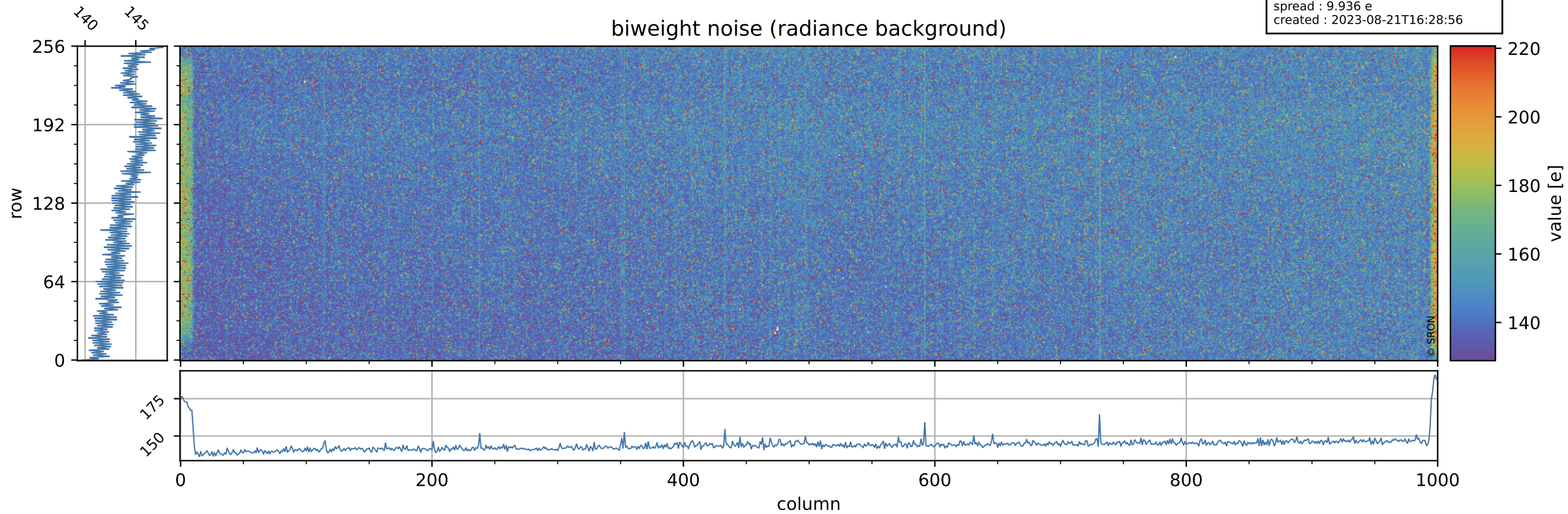
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.936 e
created : 2023-08-21T16:28:56

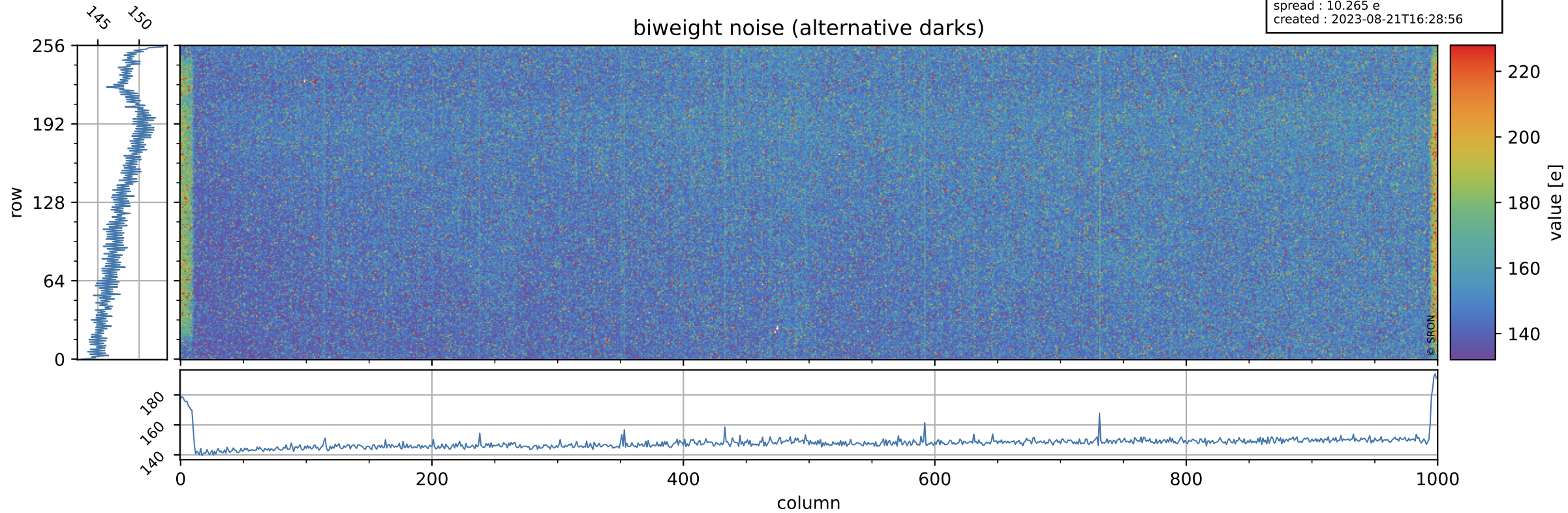
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.265 e
created : 2023-08-21T16:28:56

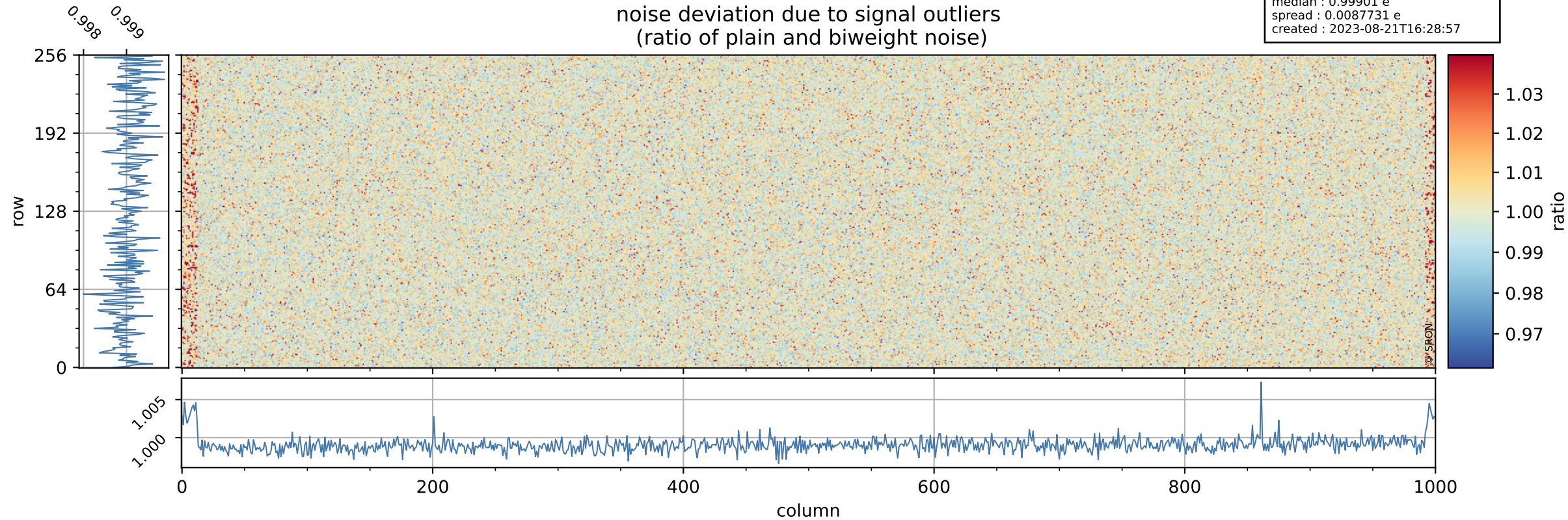
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

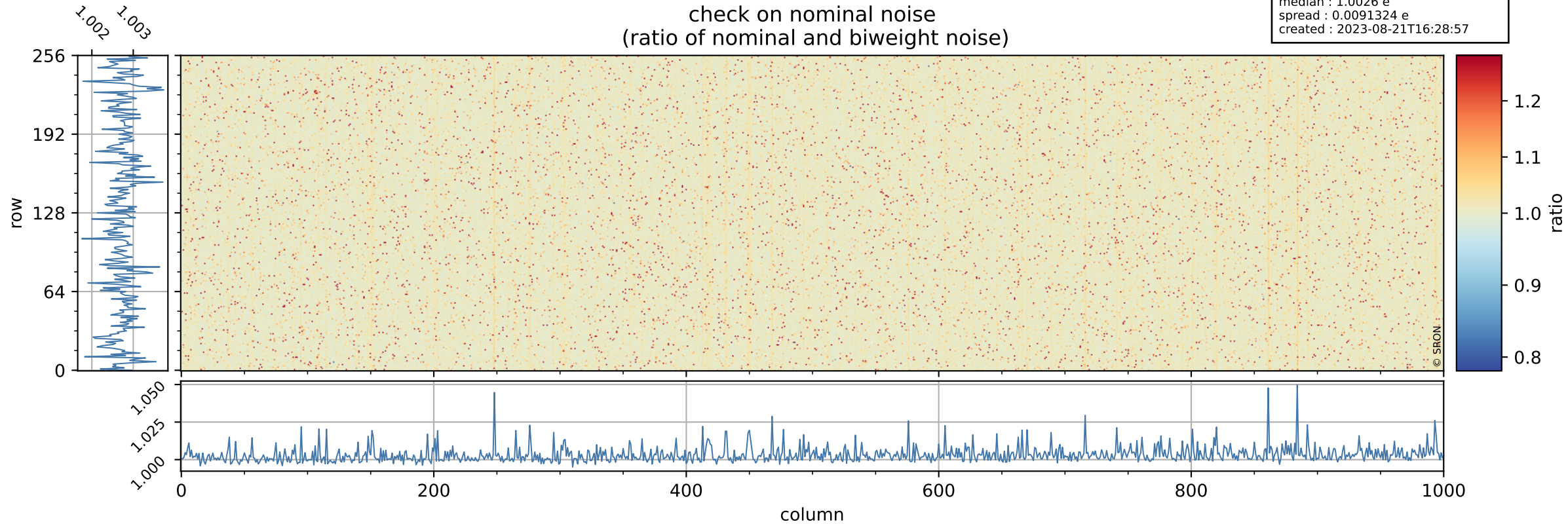
orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
median : 0.99901 e
spread : 0.0087731 e
created : 2023-08-21T16:28:57



Tropomi SWIR background noise (swir)

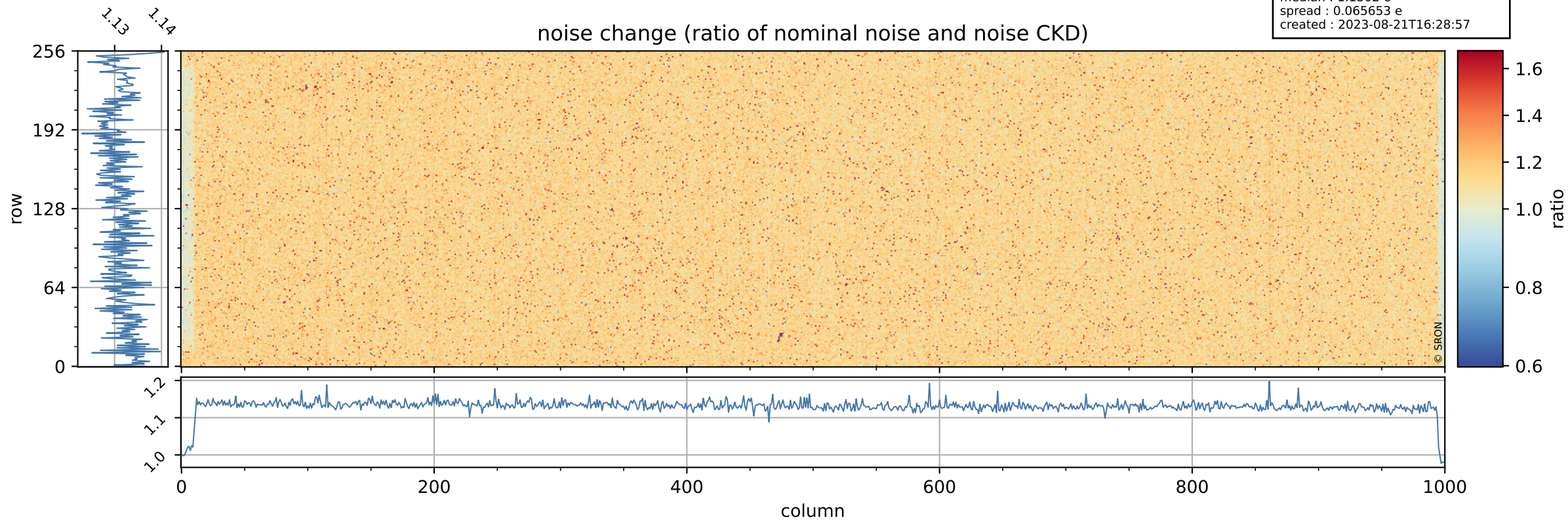
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
median : 1.0026 e
spread : 0.0091324 e
created : 2023-08-21T16:28:57



Tropomi SWIR background noise (swir)

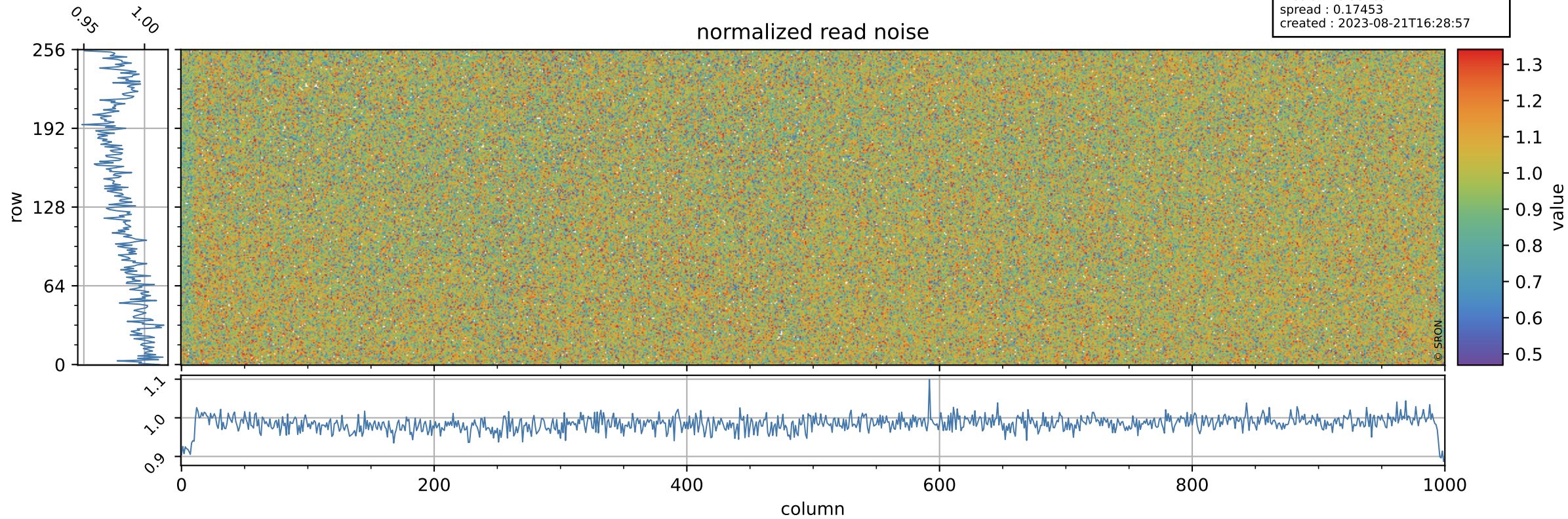
orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
median : 1.1302 e
spread : 0.065653 e
created : 2023-08-21T16:28:57



Tropomi SWIR background noise (swir)

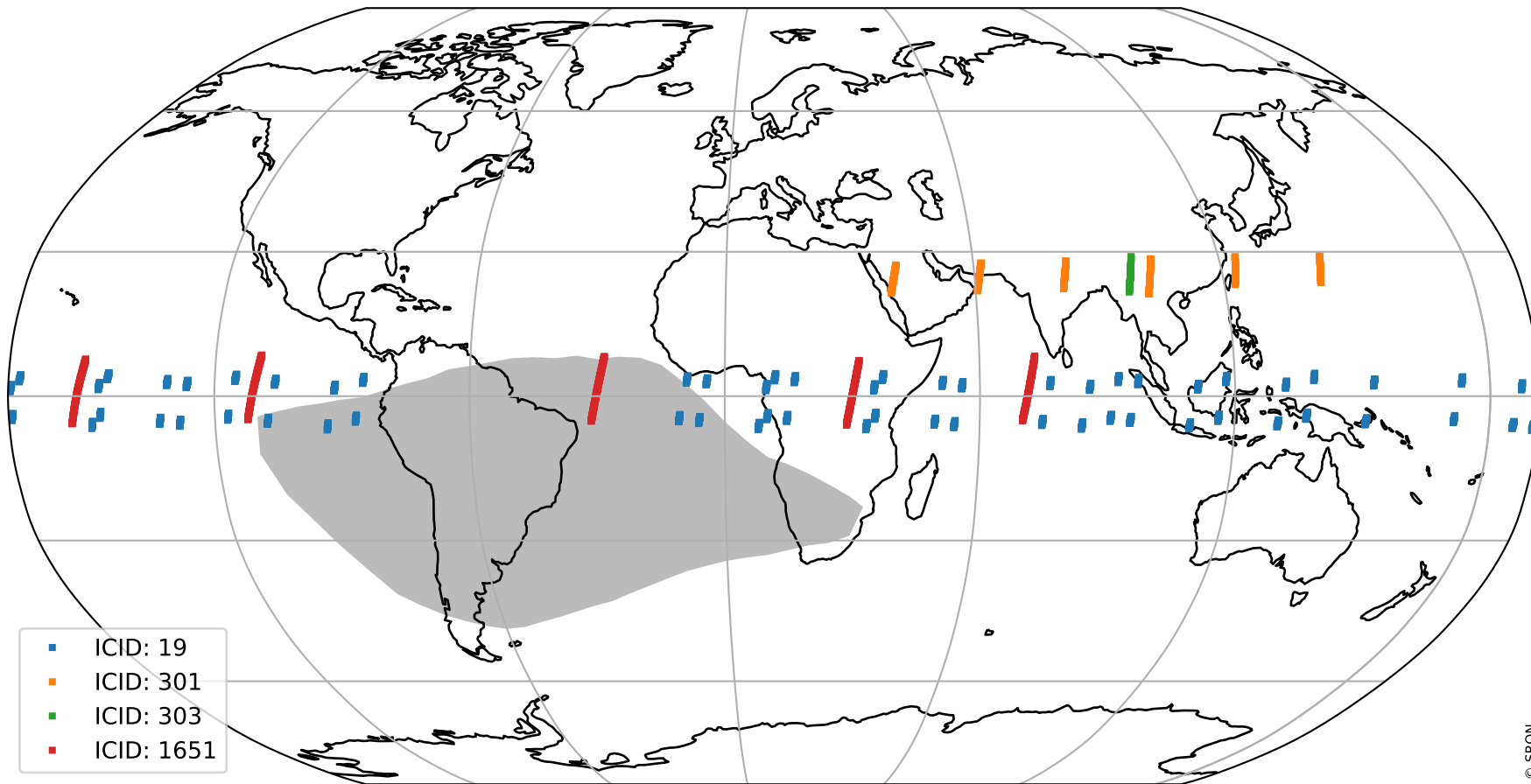
orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
median : 0.98268
spread : 0.17453
created : 2023-08-21T16:28:57

normalized read noise



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

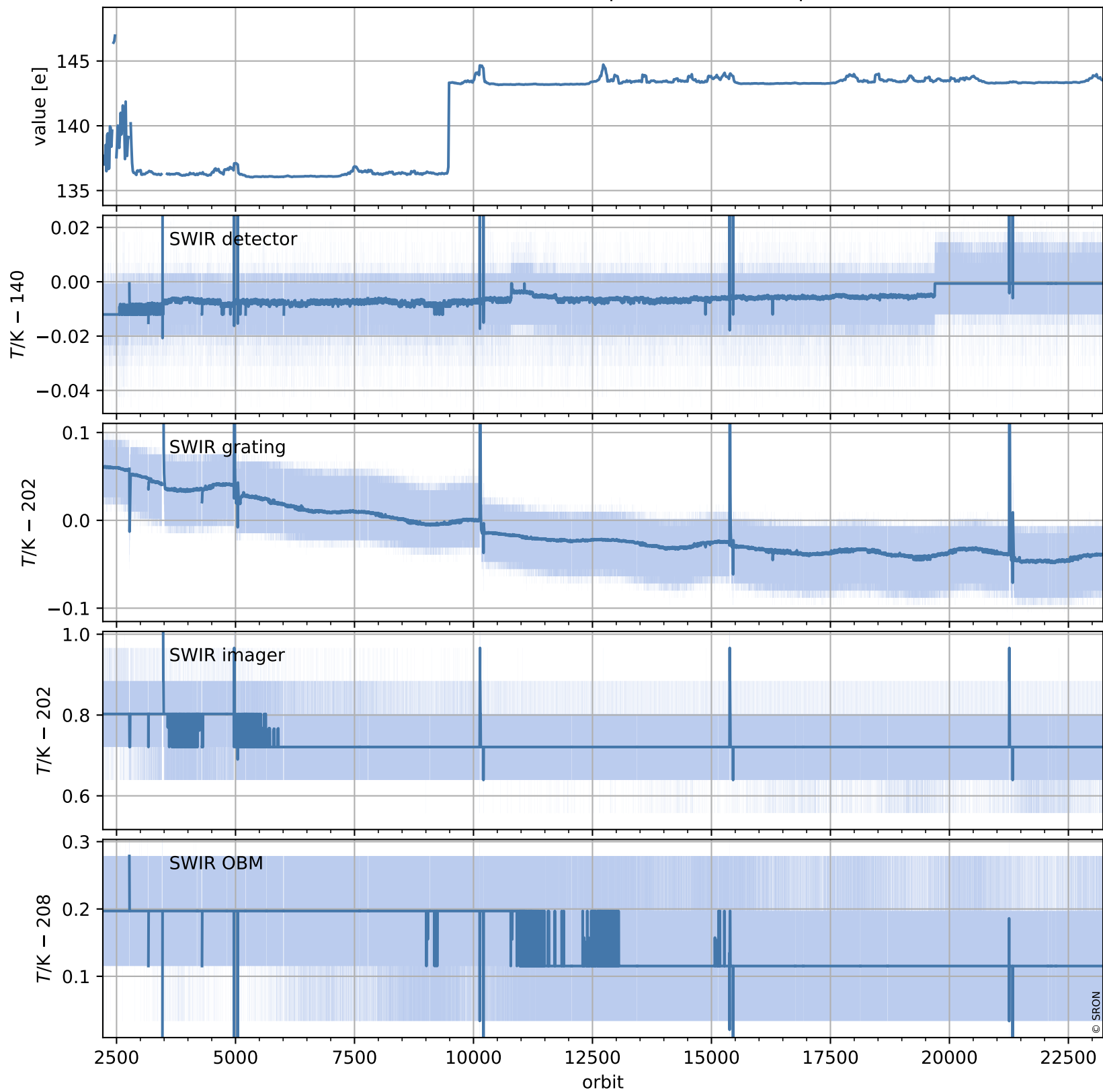
orbits : 12 in [23152, 23227]
coverage : 2022-04-01 / 2022-04-06
created : 2023-08-21T16:28:58



Tropomi SWIR background noise (swir)

orbits : [2212, 23227]
coverage : 2018-03-18 / 2022-04-06
created : 2023-08-21T16:28:58

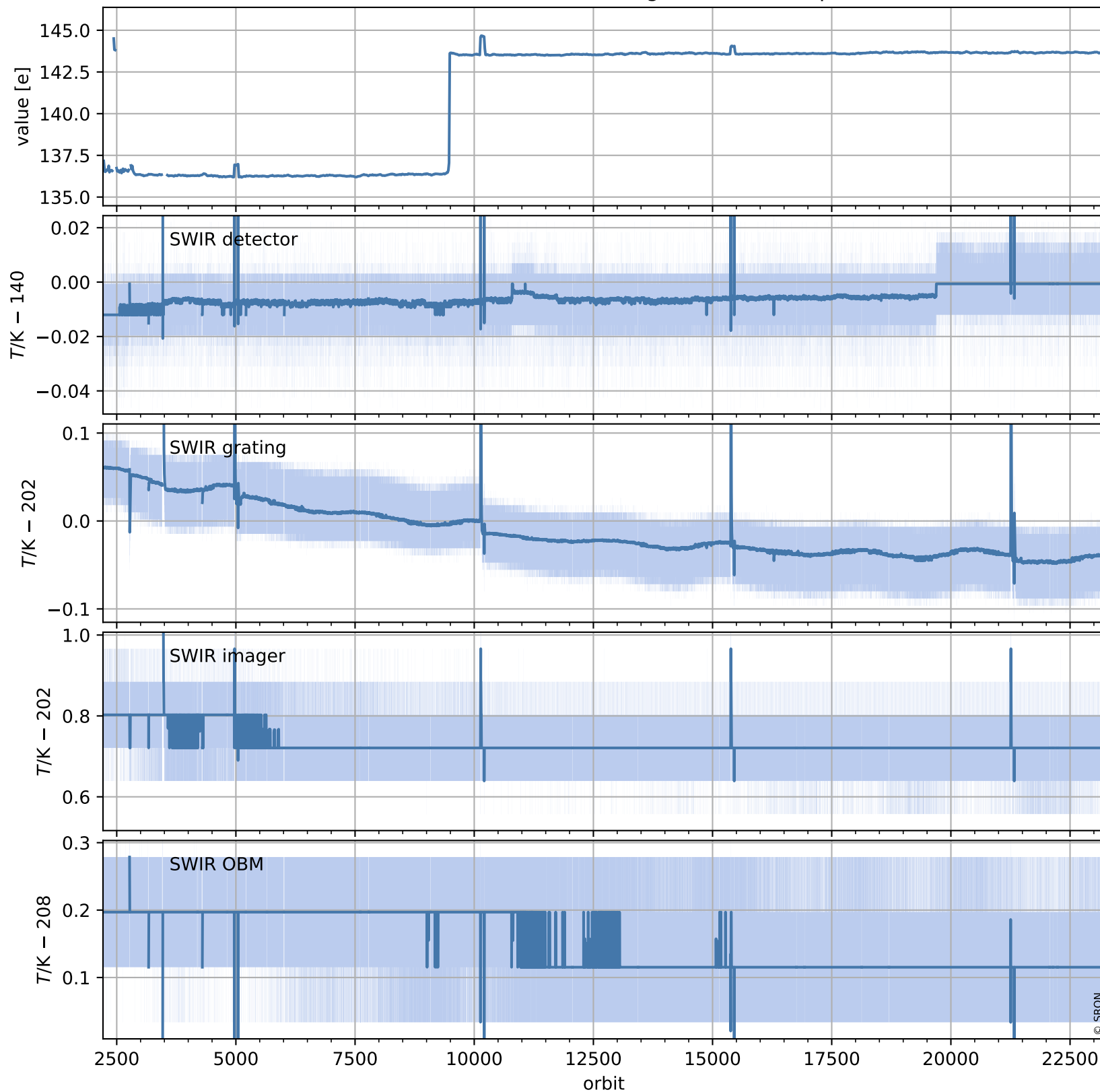
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23227]
coverage : 2018-03-18 / 2022-04-06
created : 2023-08-21T16:28:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23227]
coverage : 2018-03-18 / 2022-04-06
created : 2023-08-21T16:29:00

trend of normalized read-noise & temperatures

