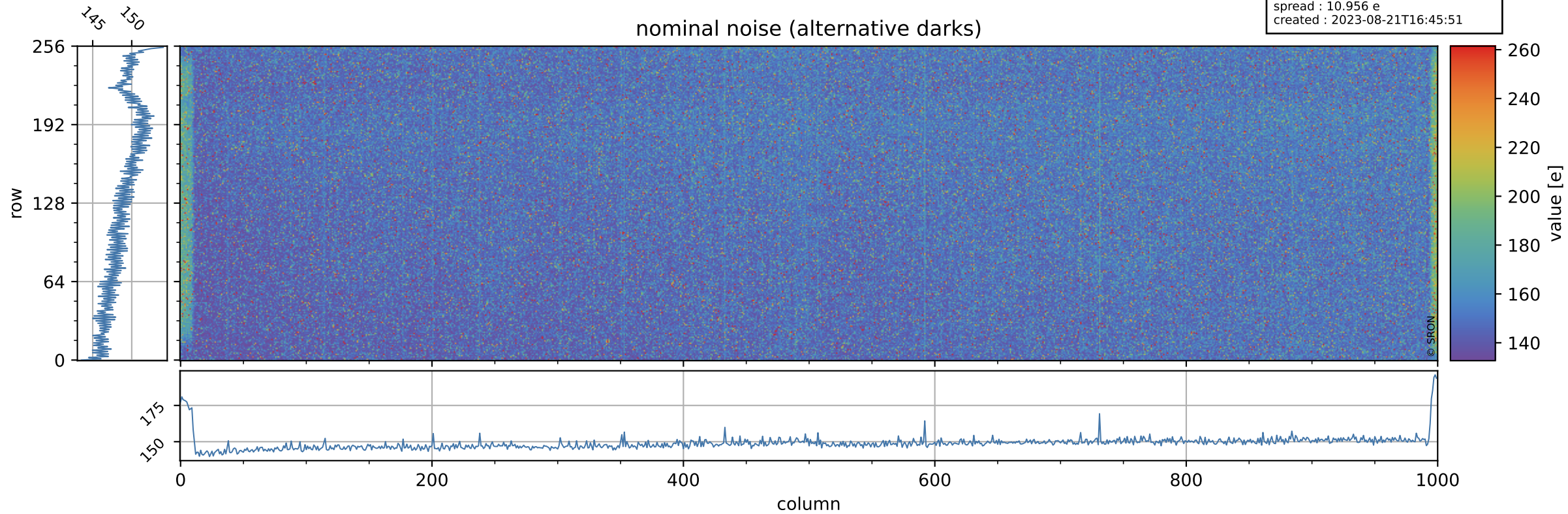


Tropomi SWIR background noise (swir)

orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
n_coad, t_exp : 1, 1.0783
median : 148.78 e
spread : 10.956 e
created : 2023-08-21T16:45:51

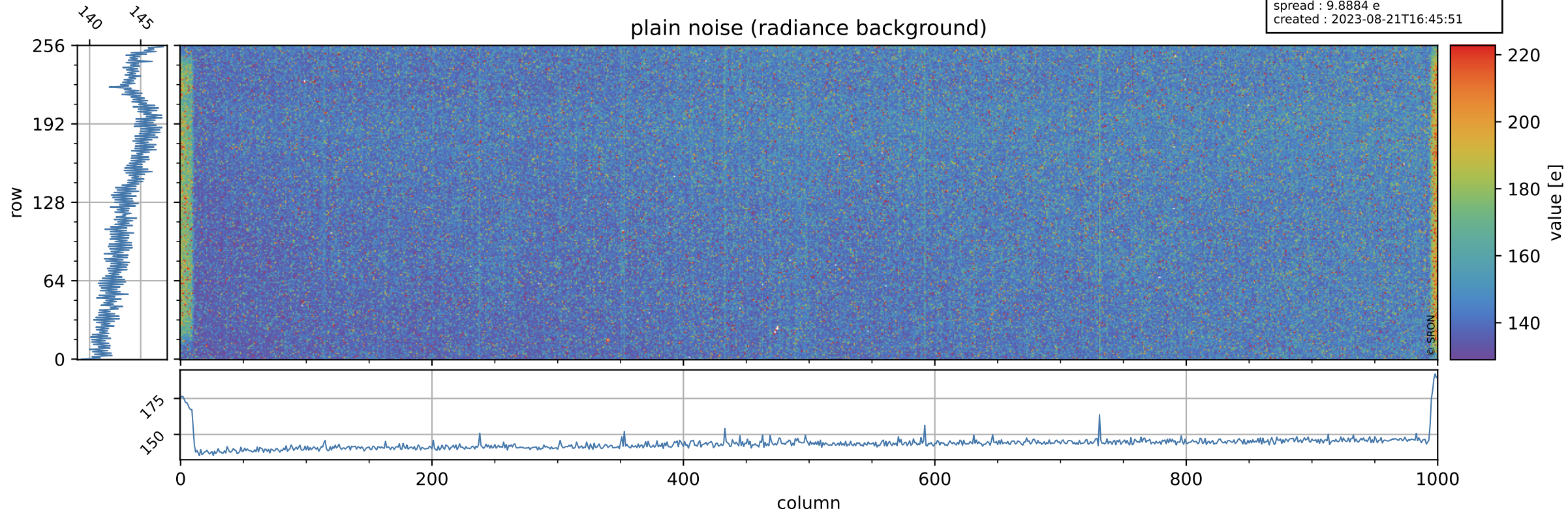
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8884 e
created : 2023-08-21T16:45:51

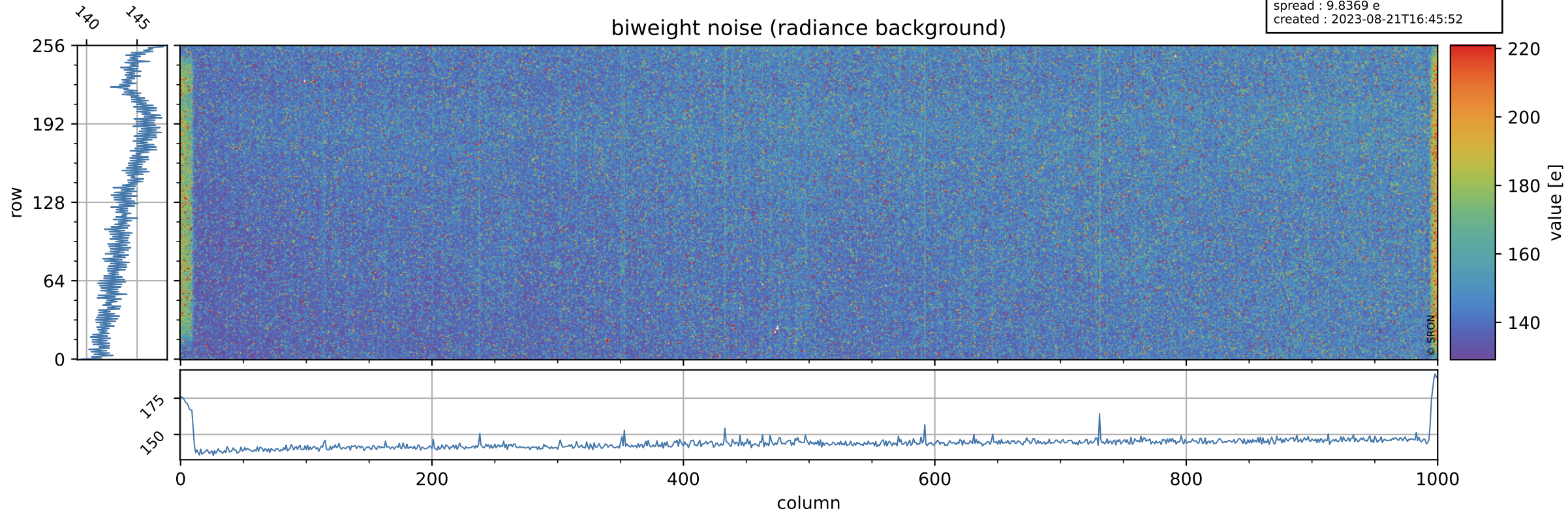
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8369 e
created : 2023-08-21T16:45:52

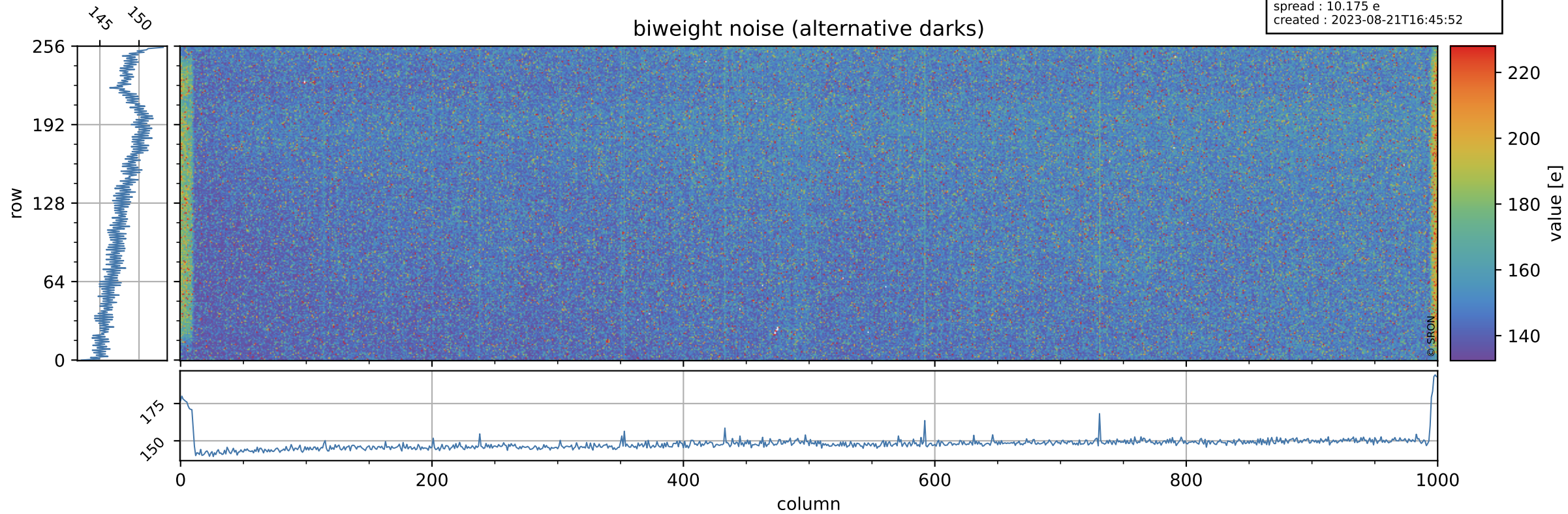
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.175 e
created : 2023-08-21T16:45:52

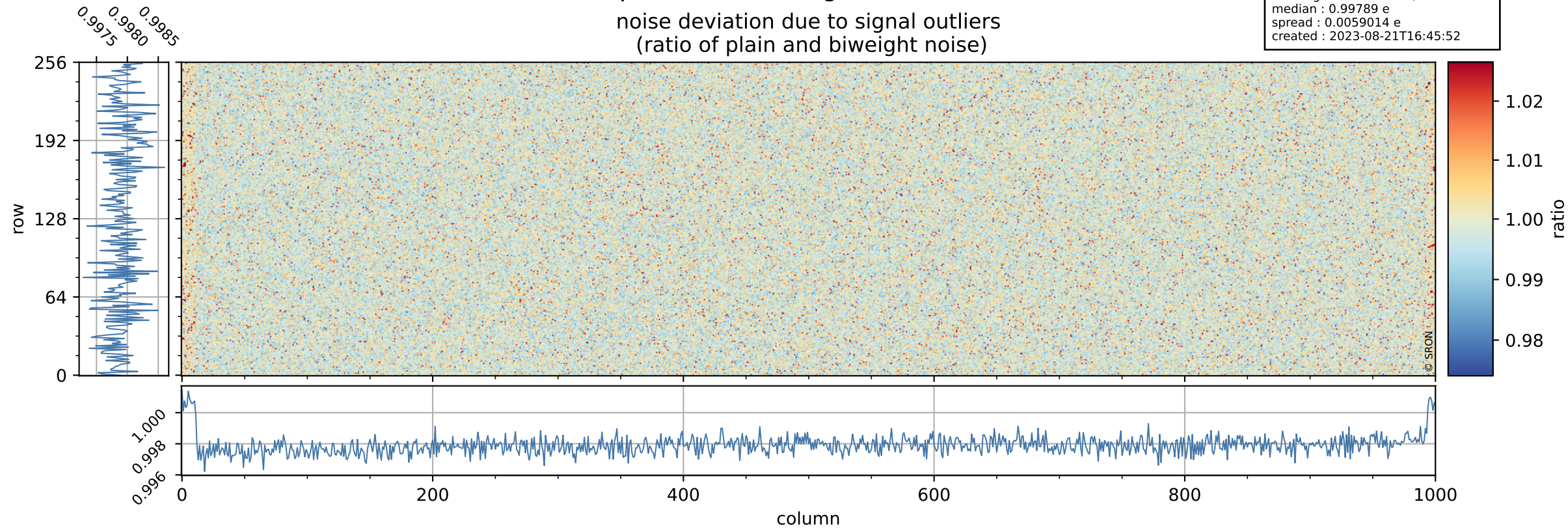
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

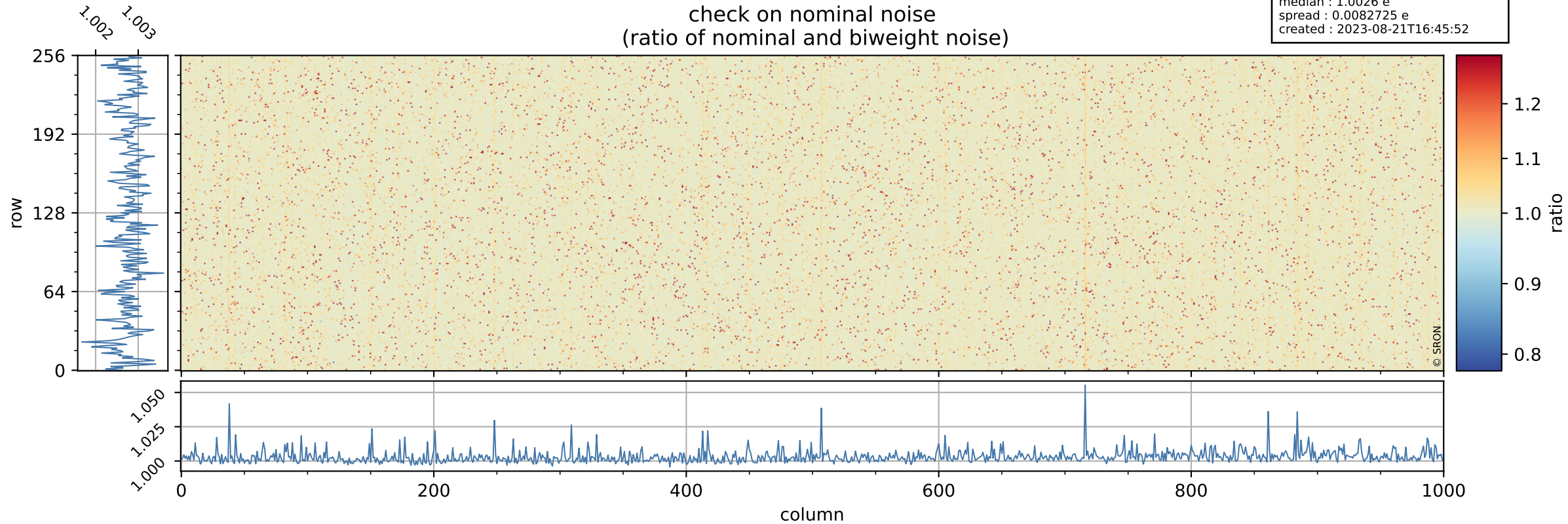
orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
median : 0.99789 e
spread : 0.0059014 e
created : 2023-08-21T16:45:52



Tropomi SWIR background noise (swir)

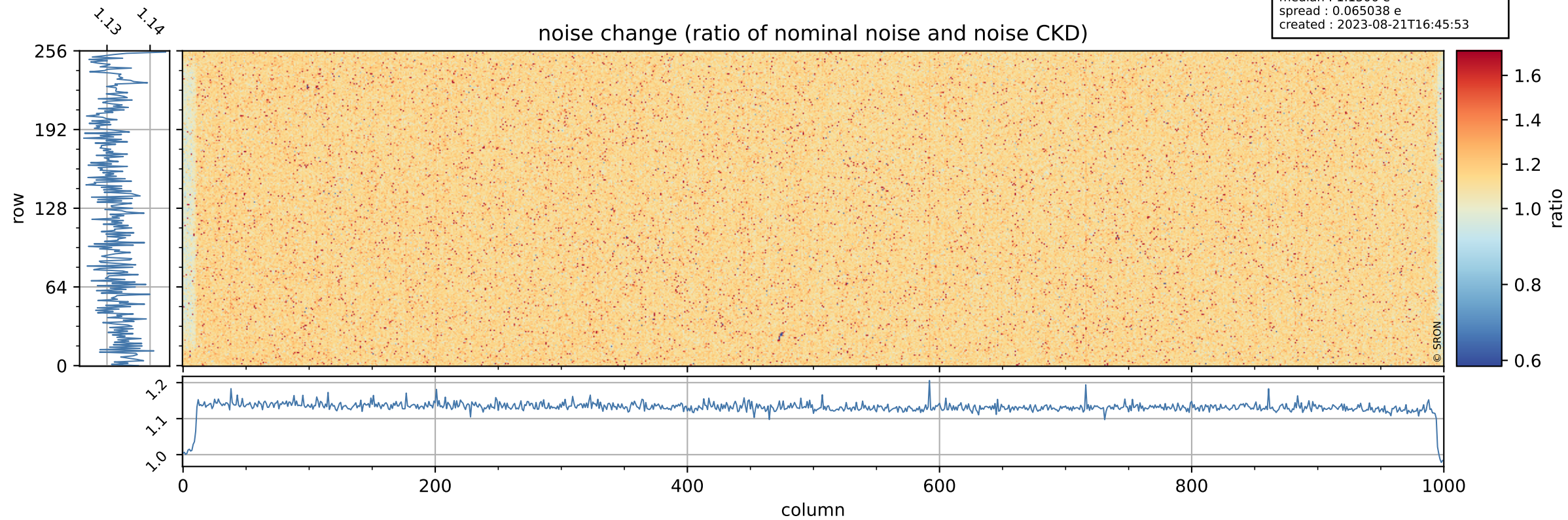
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
median : 1.0026 e
spread : 0.0082725 e
created : 2023-08-21T16:45:52



Tropomi SWIR background noise (swir)

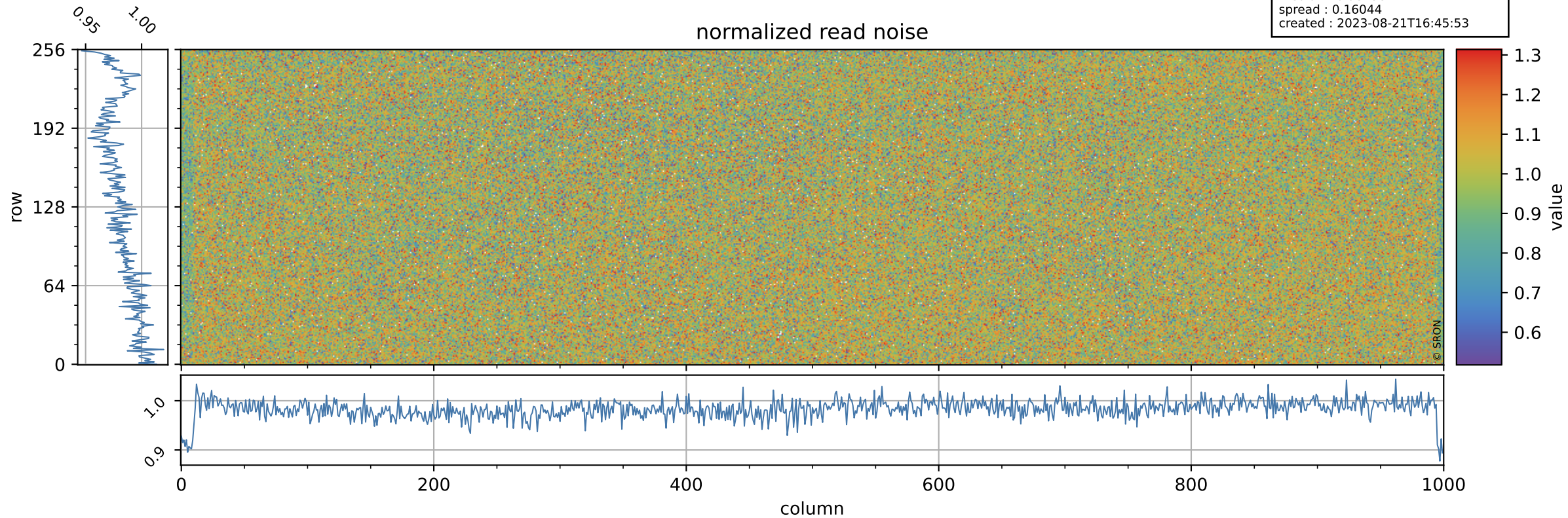
orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
median : 1.1306 e
spread : 0.065038 e
created : 2023-08-21T16:45:53



Tropomi SWIR background noise (swir)

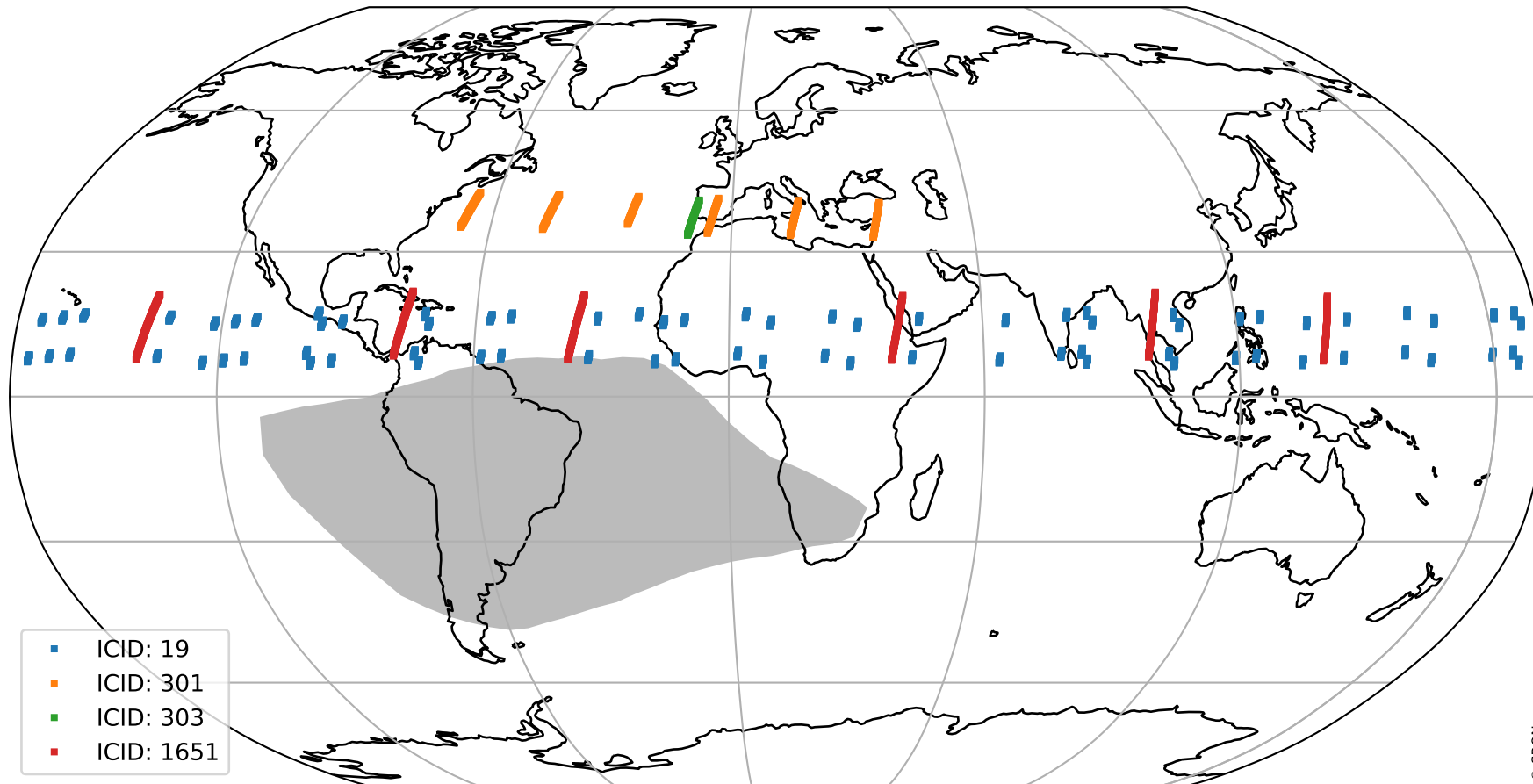
orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
median : 0.98158
spread : 0.16044
created : 2023-08-21T16:45:53

normalized read noise



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

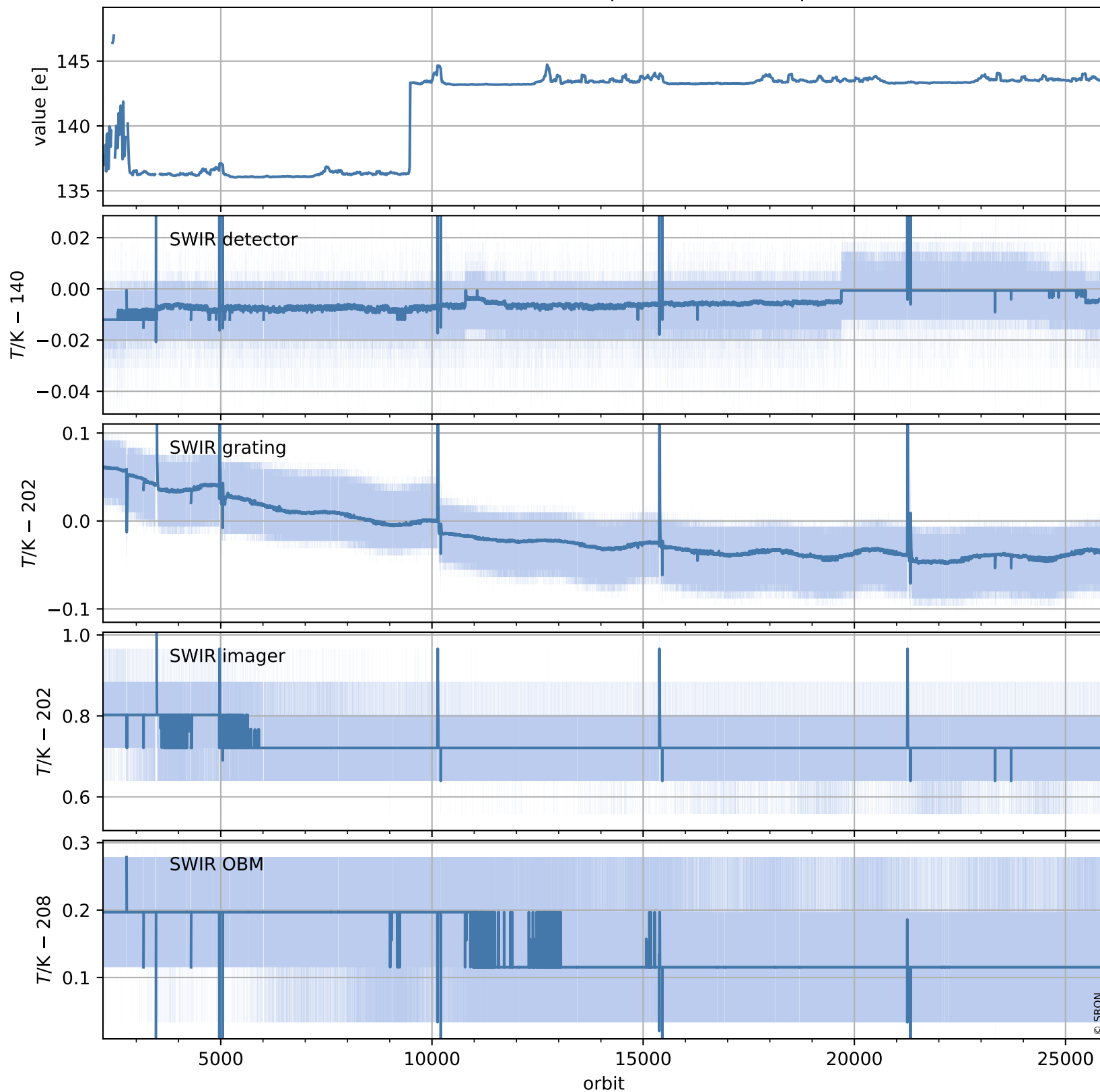
orbits : 13 in [25852, 25927]
coverage : 2022-10-08 / 2022-10-14
created : 2023-08-21T16:45:53



Tropomi SWIR background noise (swir)

orbits : [2212, 25927]
coverage : 2018-03-18 / 2022-10-14
created : 2023-08-21T16:45:54

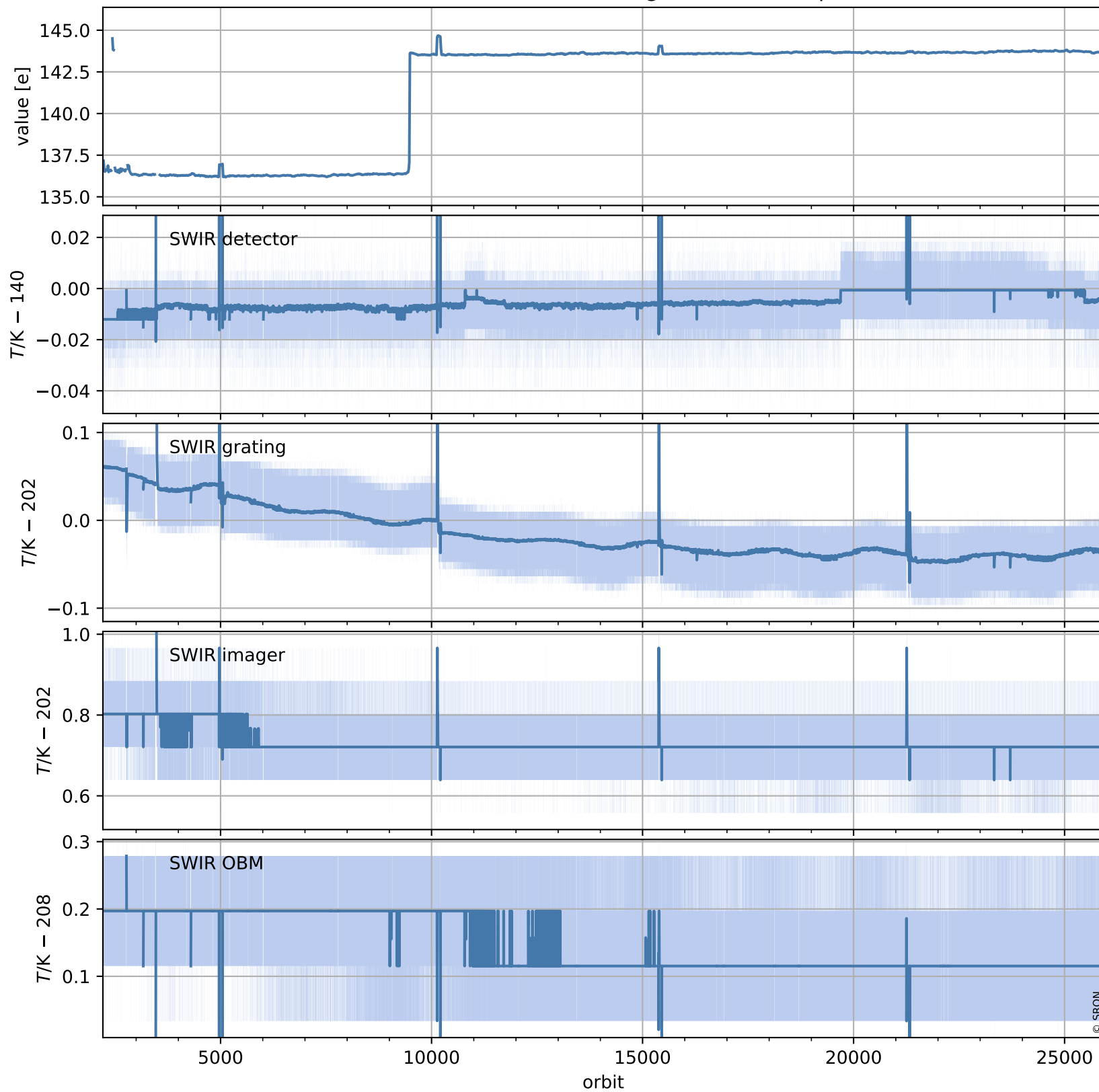
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25927]
coverage : 2018-03-18 / 2022-10-14
created : 2023-08-21T16:45:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25927]
coverage : 2018-03-18 / 2022-10-14
created : 2023-08-21T16:45:55

trend of normalized read-noise & temperatures

