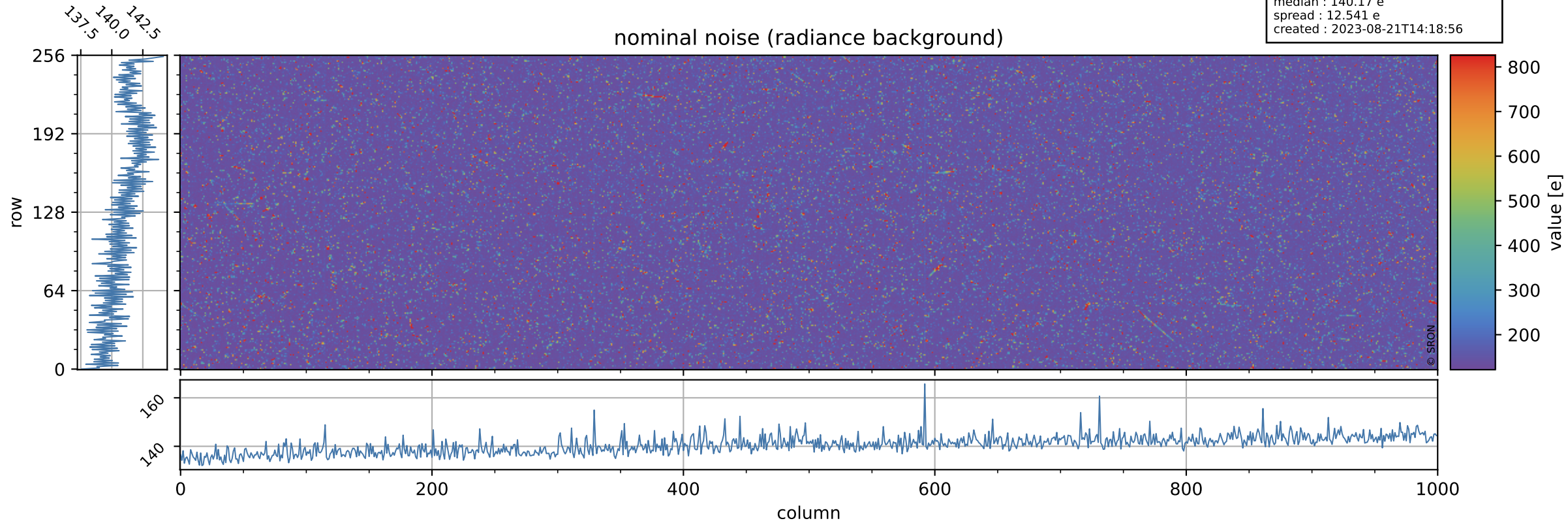


Tropomi SWIR background noise (swir)

orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
n_coad, t_exp : 2, 0.5383
median : 140.17 e
spread : 12.541 e
created : 2023-08-21T14:18:56

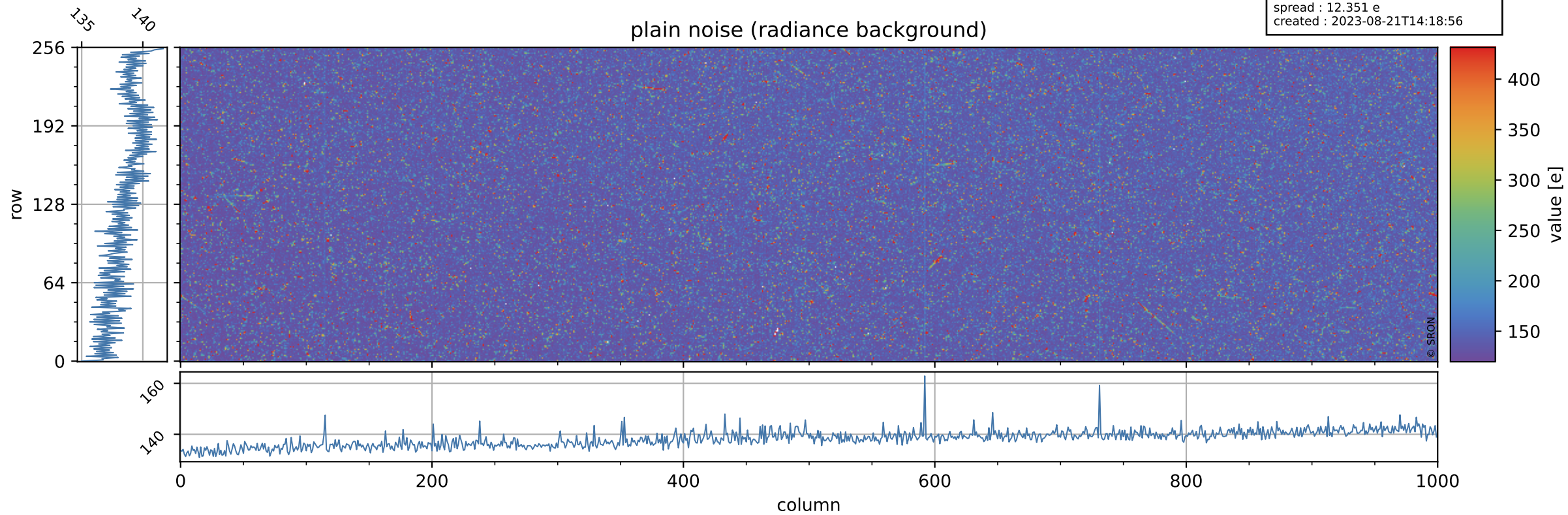
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
n_coad, t_exp : 2, 0.5383
median : 137.92 e
spread : 12.351 e
created : 2023-08-21T14:18:56

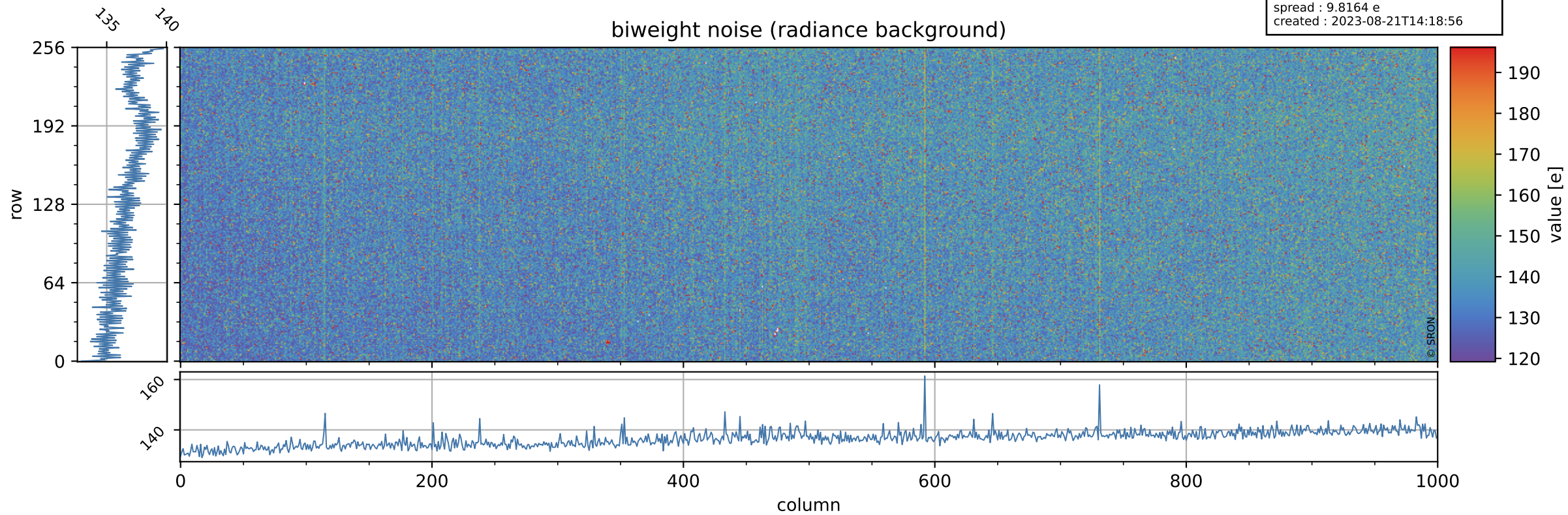
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
n_coad, t_exp : 2, 0.5383
median : 136.56 e
spread : 9.8164 e
created : 2023-08-21T14:18:56

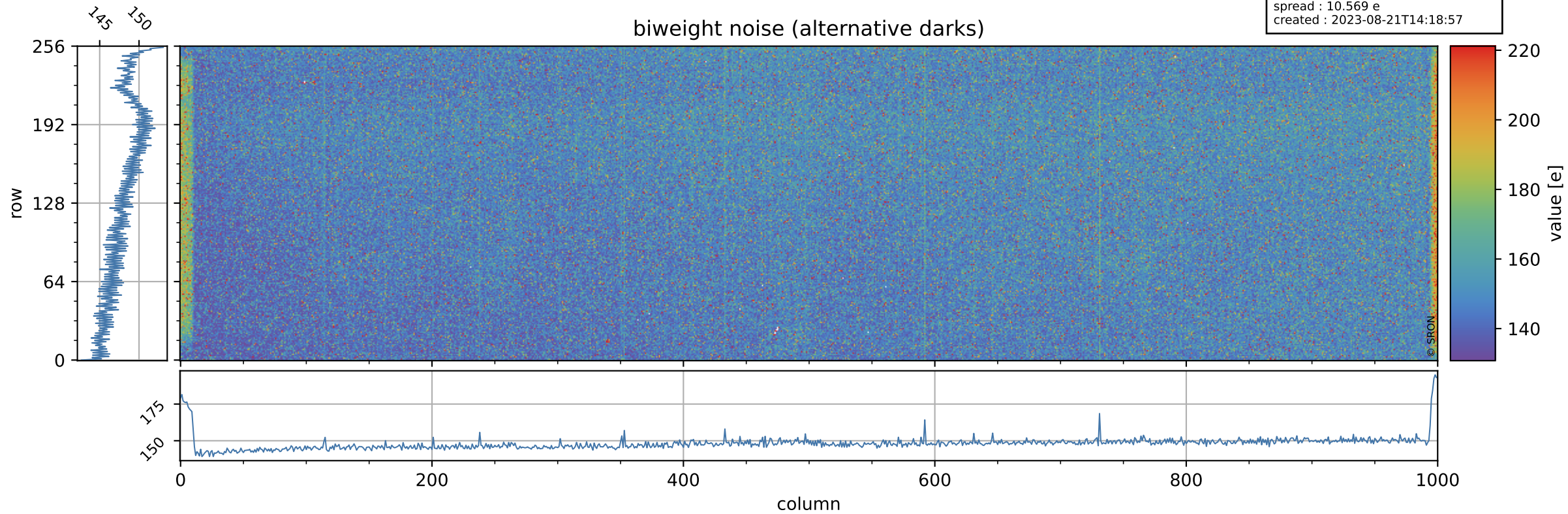
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
n_coad, t_exp : 1, 1.0783
median : 147.89 e
spread : 10.569 e
created : 2023-08-21T14:18:57

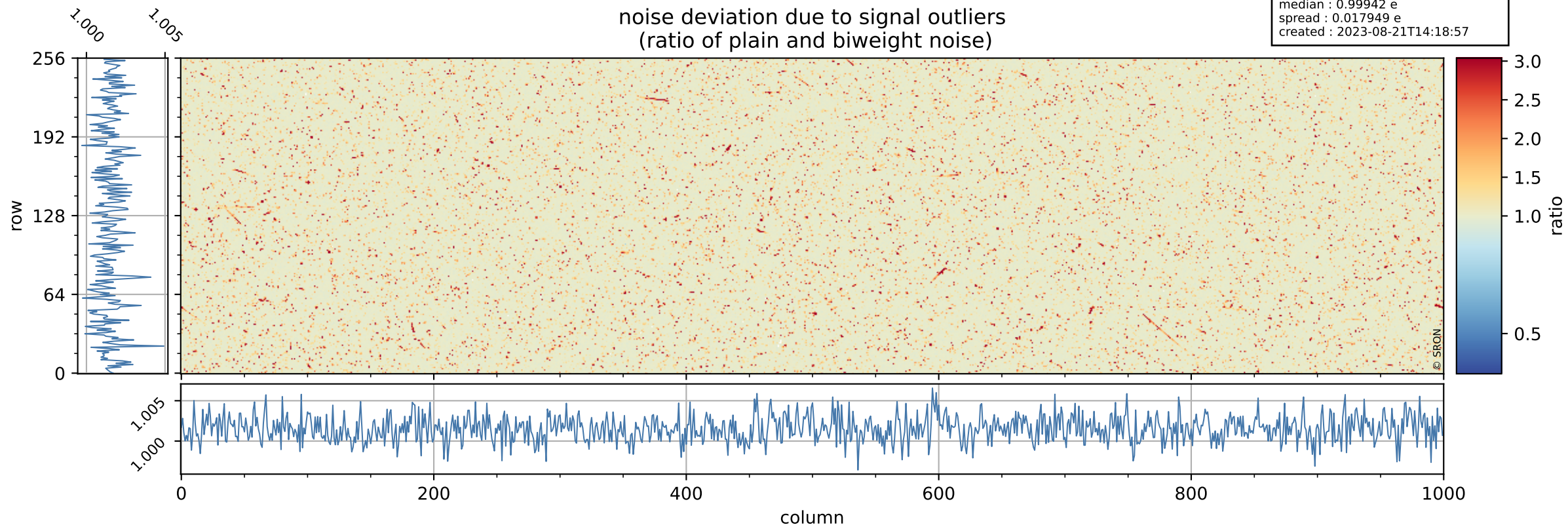
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

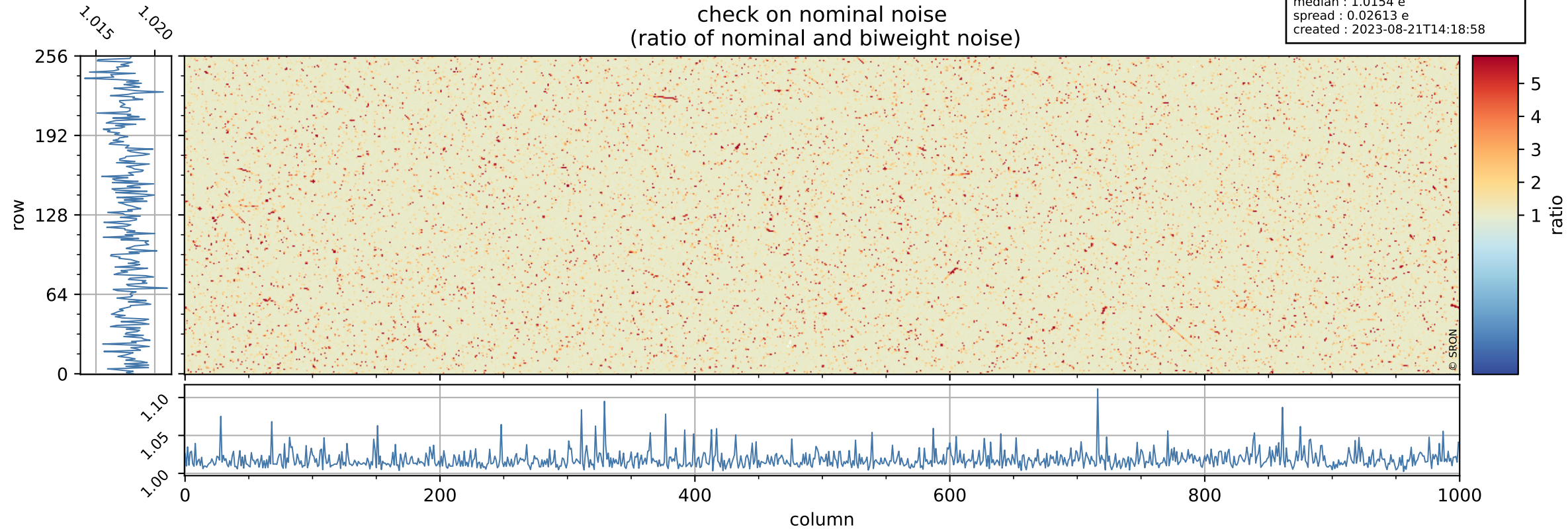
orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
median : 0.99942 e
spread : 0.017949 e
created : 2023-08-21T14:18:57



Tropomi SWIR background noise (swir)

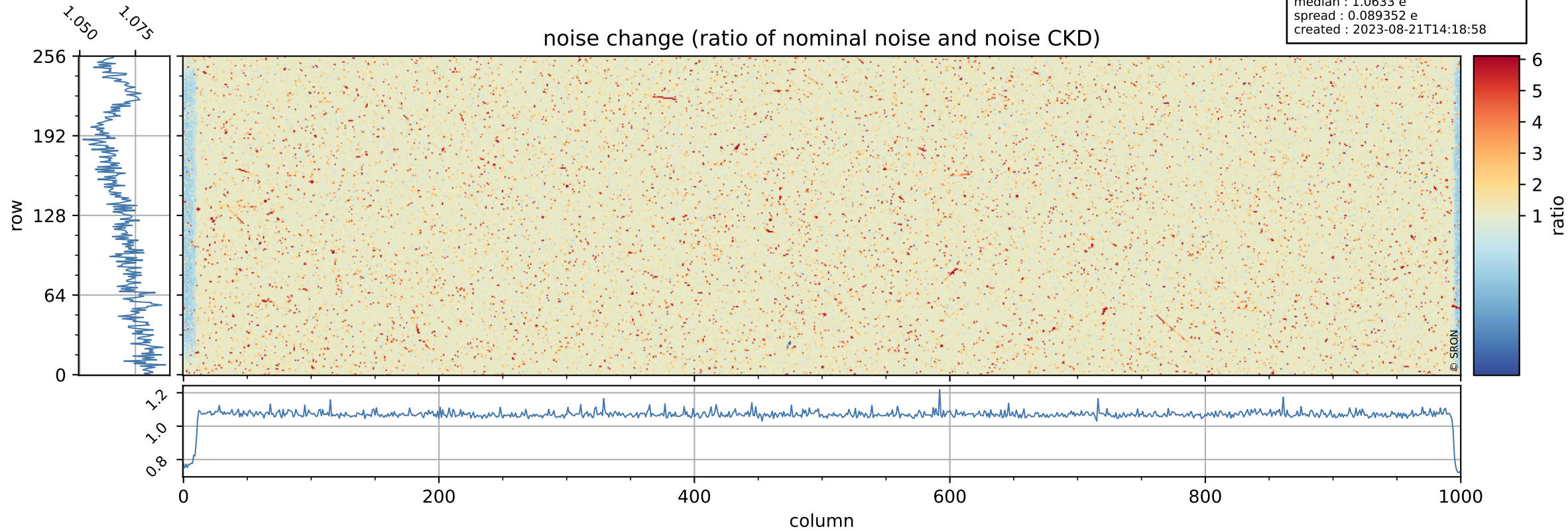
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
median : 1.0154 e
spread : 0.02613 e
created : 2023-08-21T14:18:58



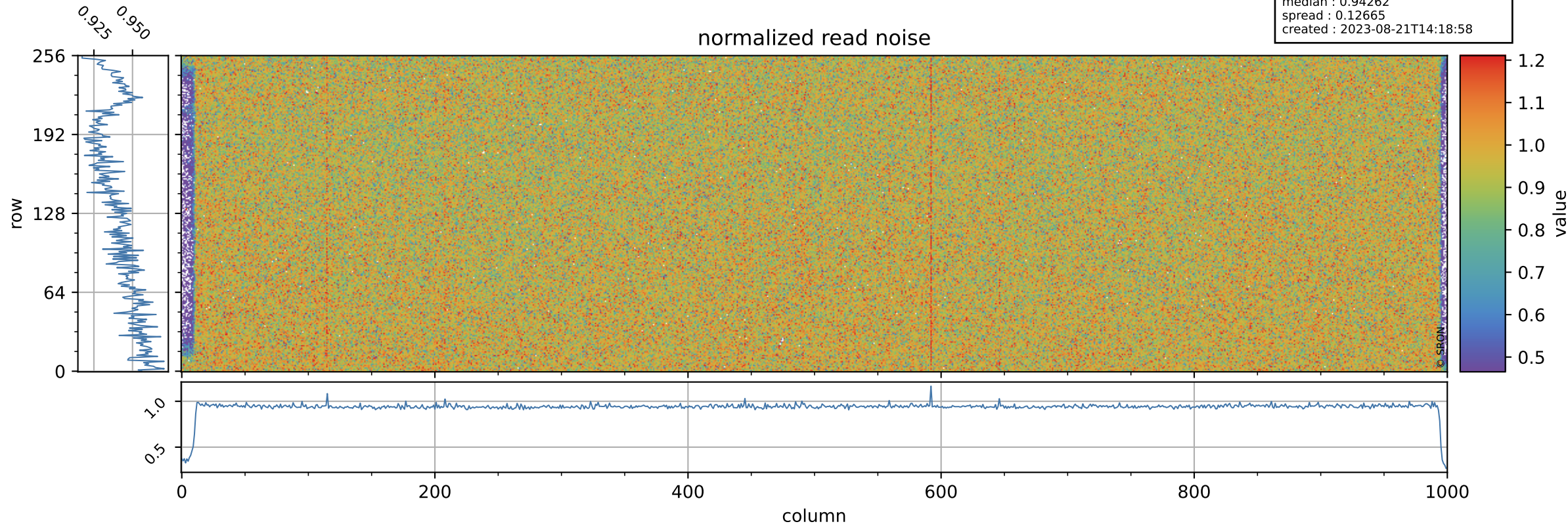
Tropomi SWIR background noise (swir)

orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
median : 1.0633 e
spread : 0.089352 e
created : 2023-08-21T14:18:58



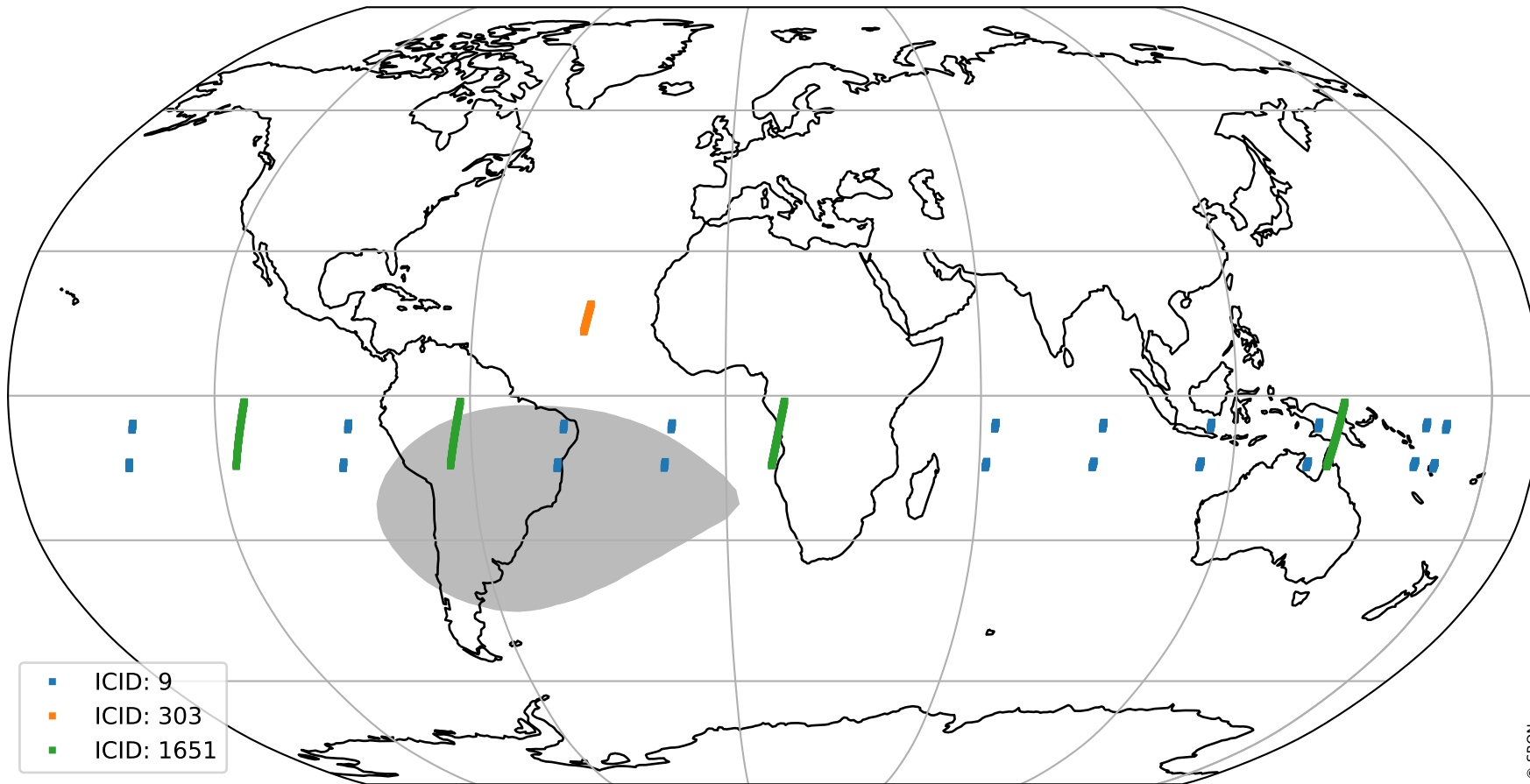
Tropomi SWIR background noise (swir)

orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
median : 0.94262
spread : 0.12665
created : 2023-08-21T14:18:58



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

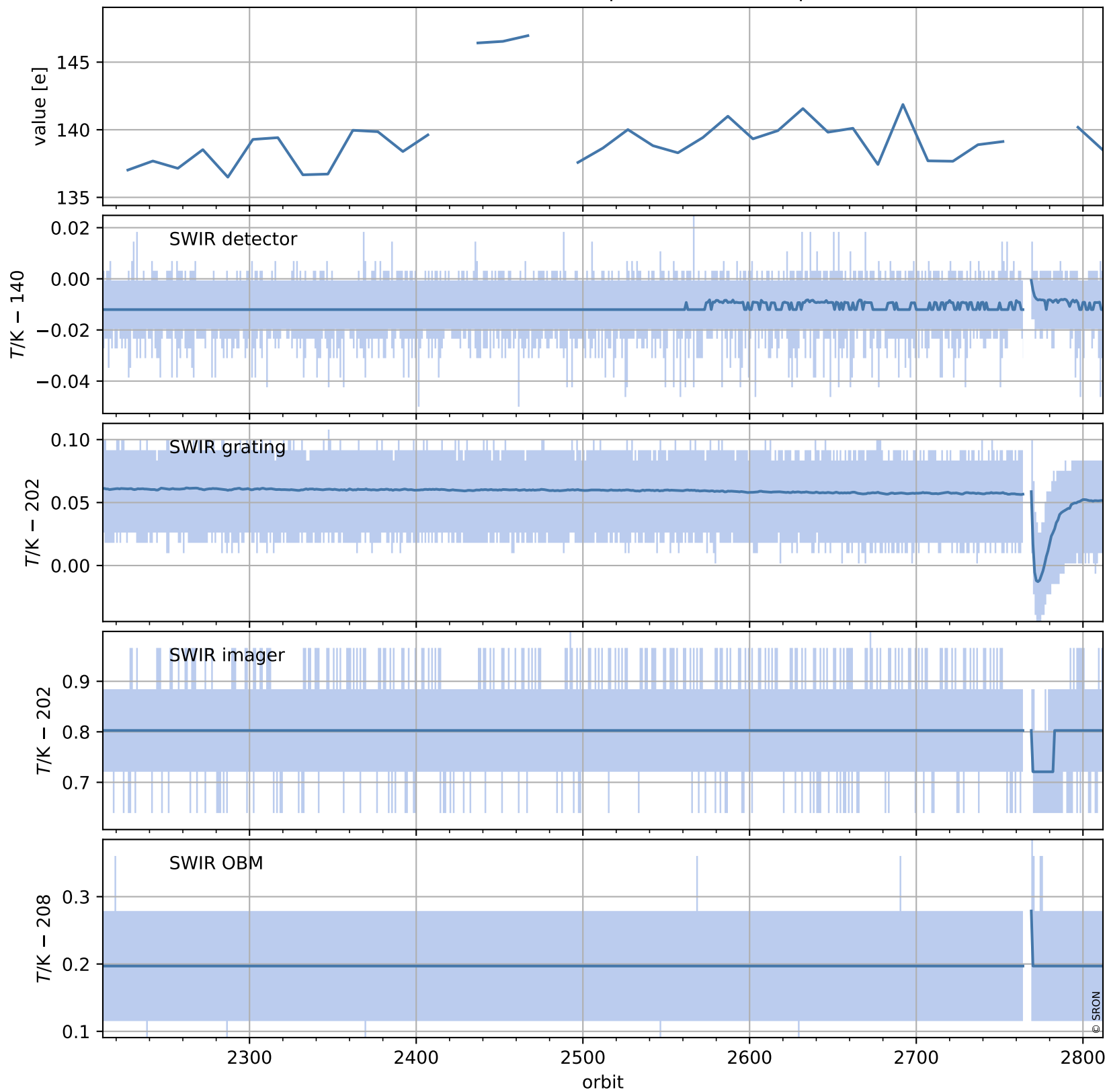
orbits : 10 in [2797, 2812]
coverage : 2018-04-28 / 2018-04-29
created : 2023-08-21T14:18:58



Tropomi SWIR background noise (swir)

orbits : [2212, 2812]
coverage : 2018-03-18 / 2018-04-29
created : 2023-08-21T14:18:59

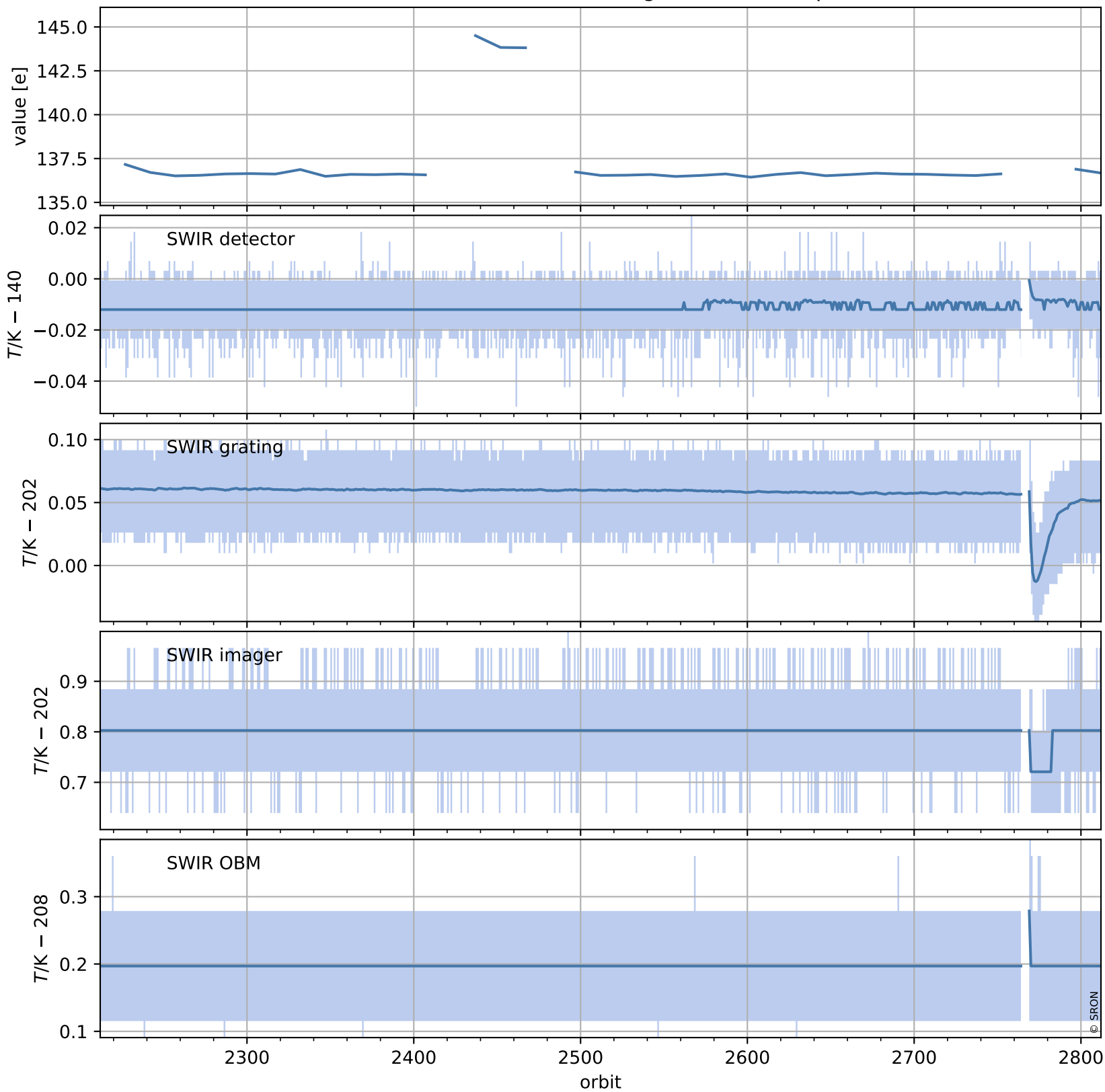
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2812]
coverage : 2018-03-18 / 2018-04-29
created : 2023-08-21T14:18:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2812]
coverage : 2018-03-18 / 2018-04-29
created : 2023-08-21T14:19:00

trend of normalized read-noise & temperatures

