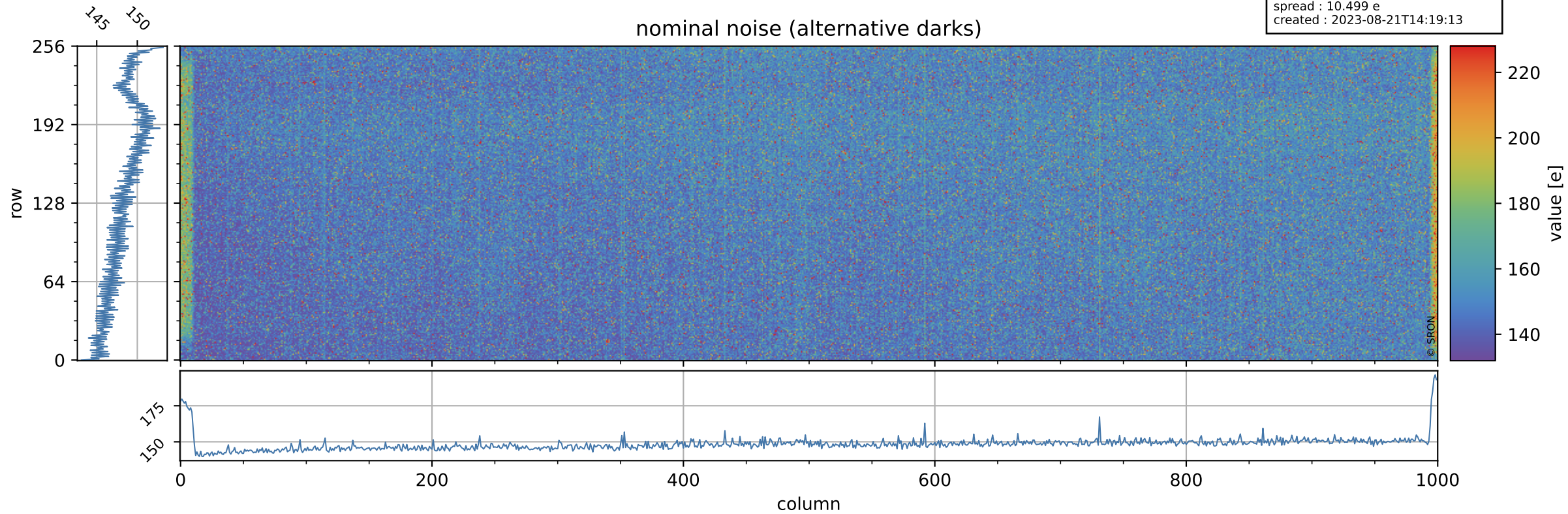


Tropomi SWIR background noise (swir)

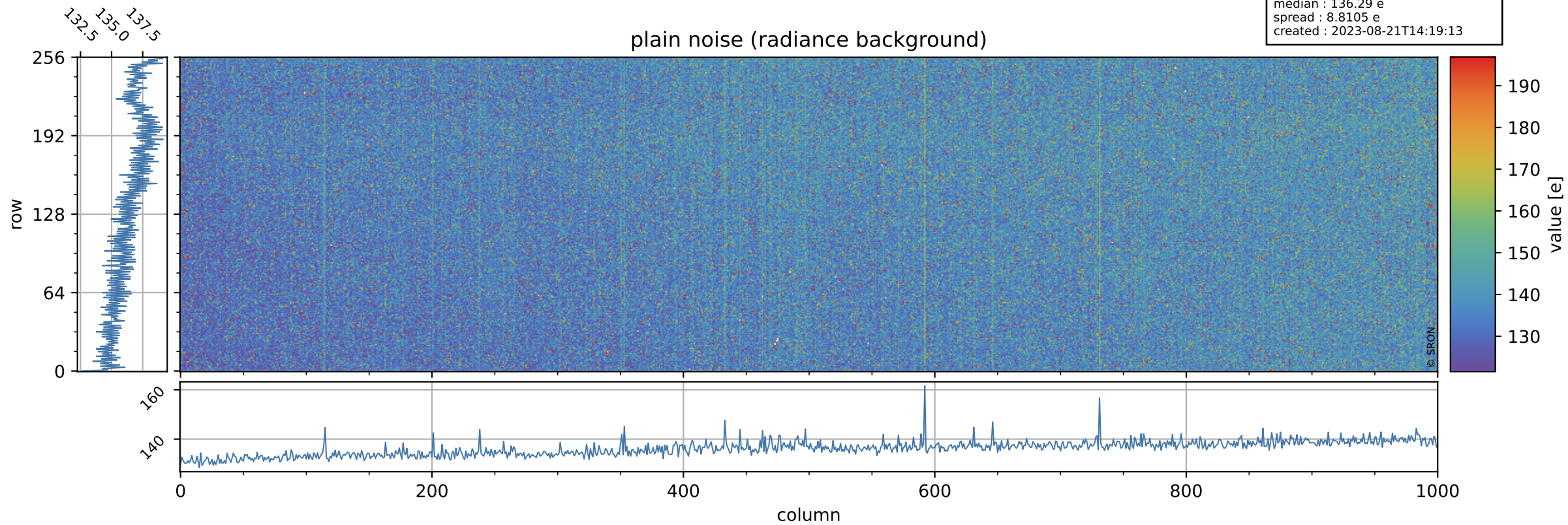
orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.499 e
created : 2023-08-21T14:19:13



Tropomi SWIR background noise (swir)

orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
n_coad, t_exp : 2, 0.5383
median : 136.29 e
spread : 8.8105 e
created : 2023-08-21T14:19:13

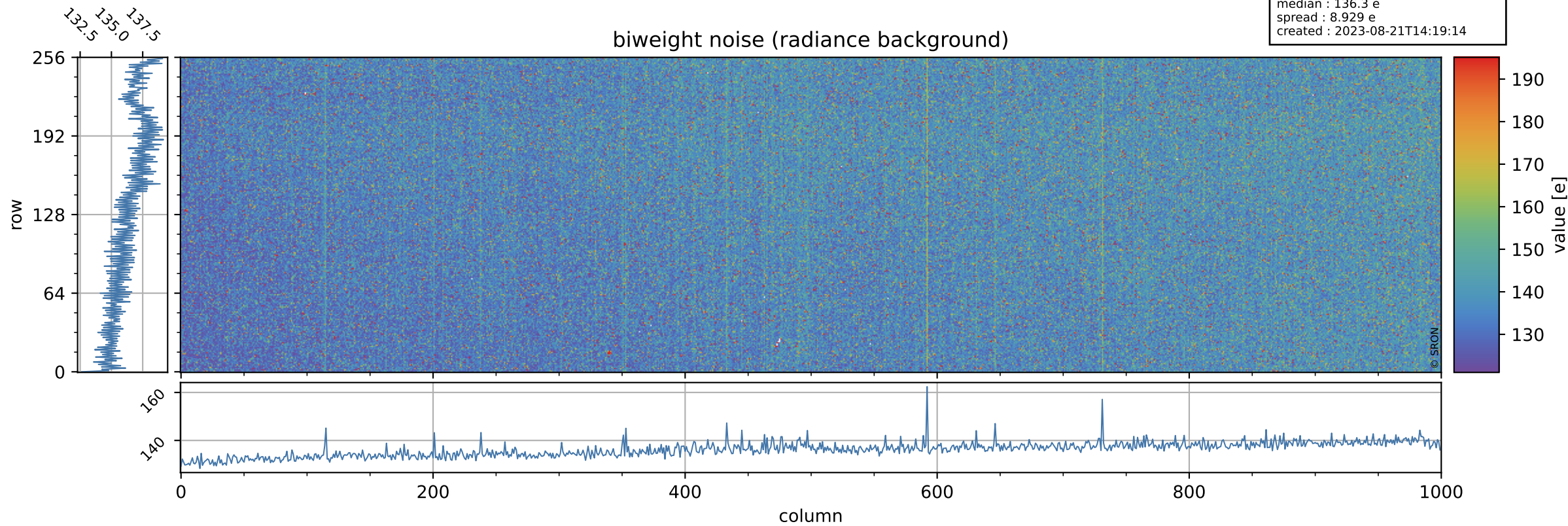
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
n_coad, t_exp : 2, 0.5383
median : 136.3 e
spread : 8.929 e
created : 2023-08-21T14:19:14

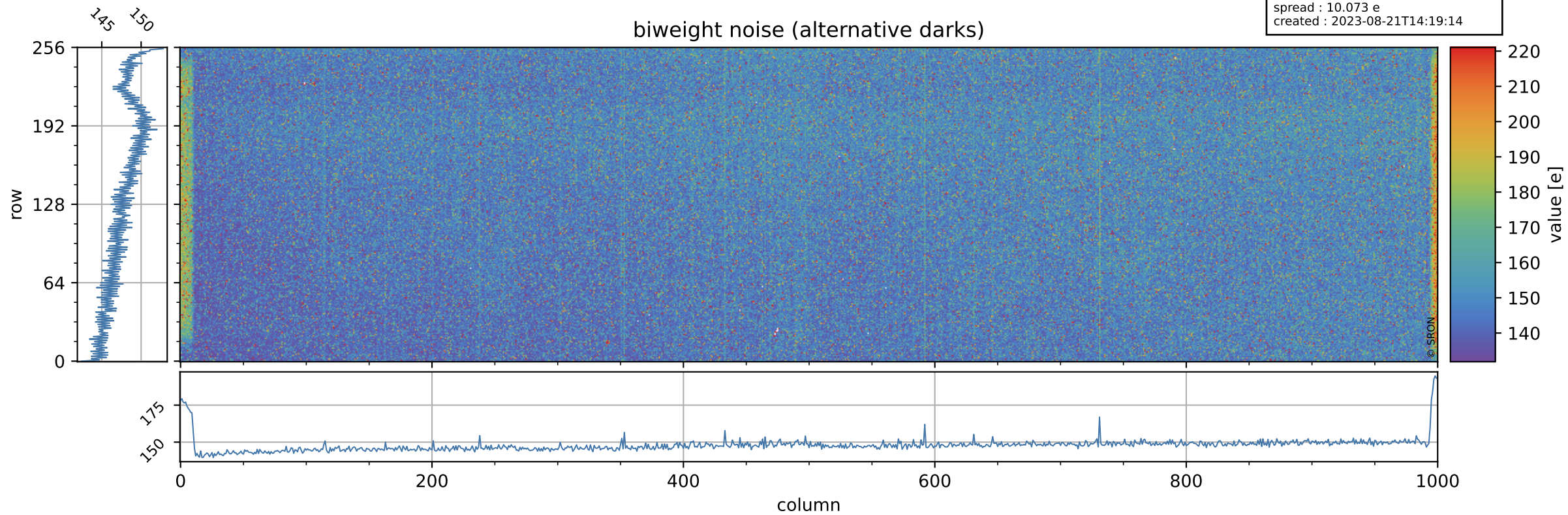
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.073 e
created : 2023-08-21T14:19:14

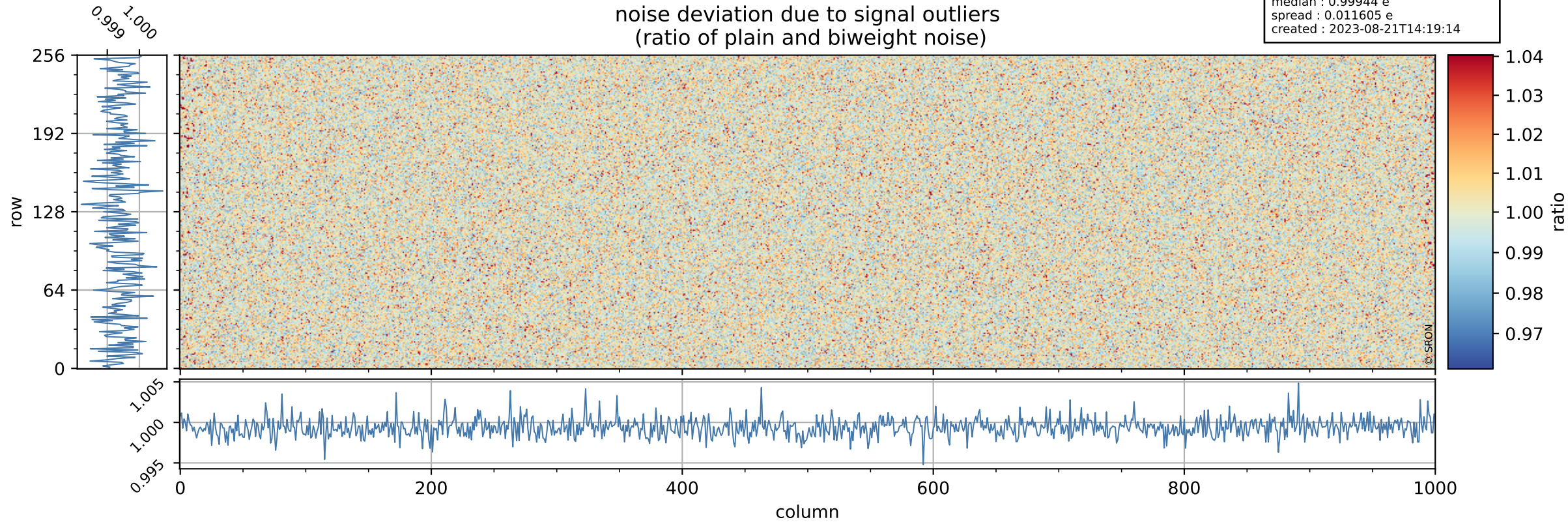
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

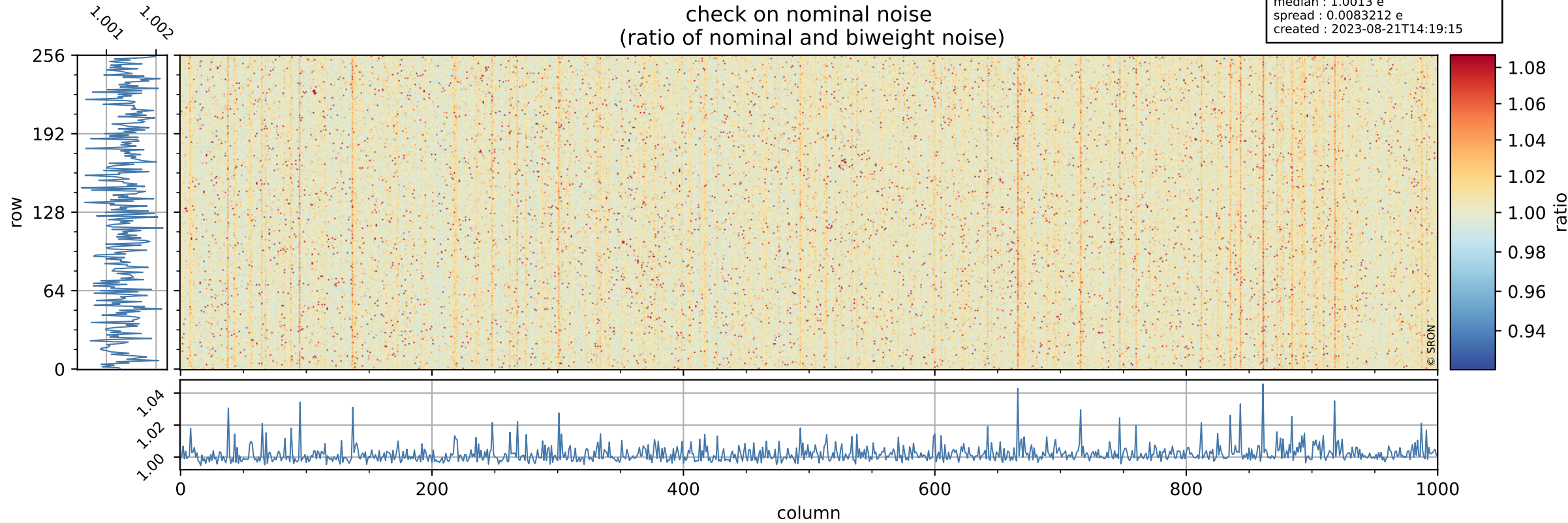
orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
median : 0.99944 e
spread : 0.011605 e
created : 2023-08-21T14:19:14



Tropomi SWIR background noise (swir)

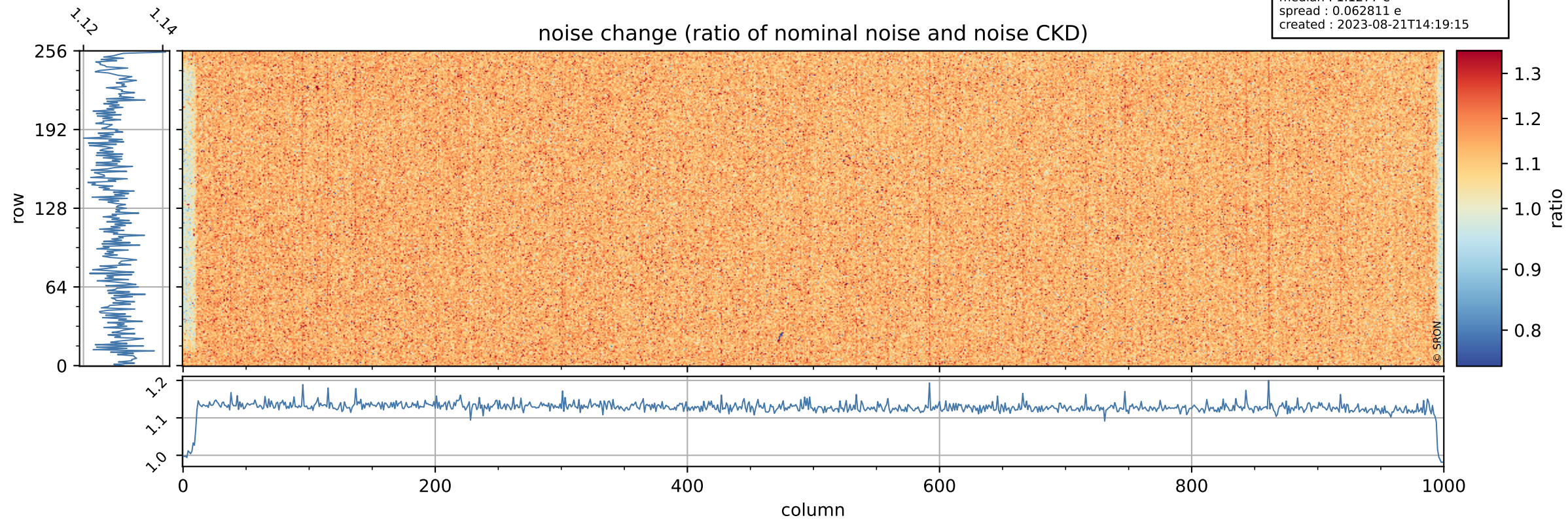
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
median : 1.0013 e
spread : 0.0083212 e
created : 2023-08-21T14:19:15



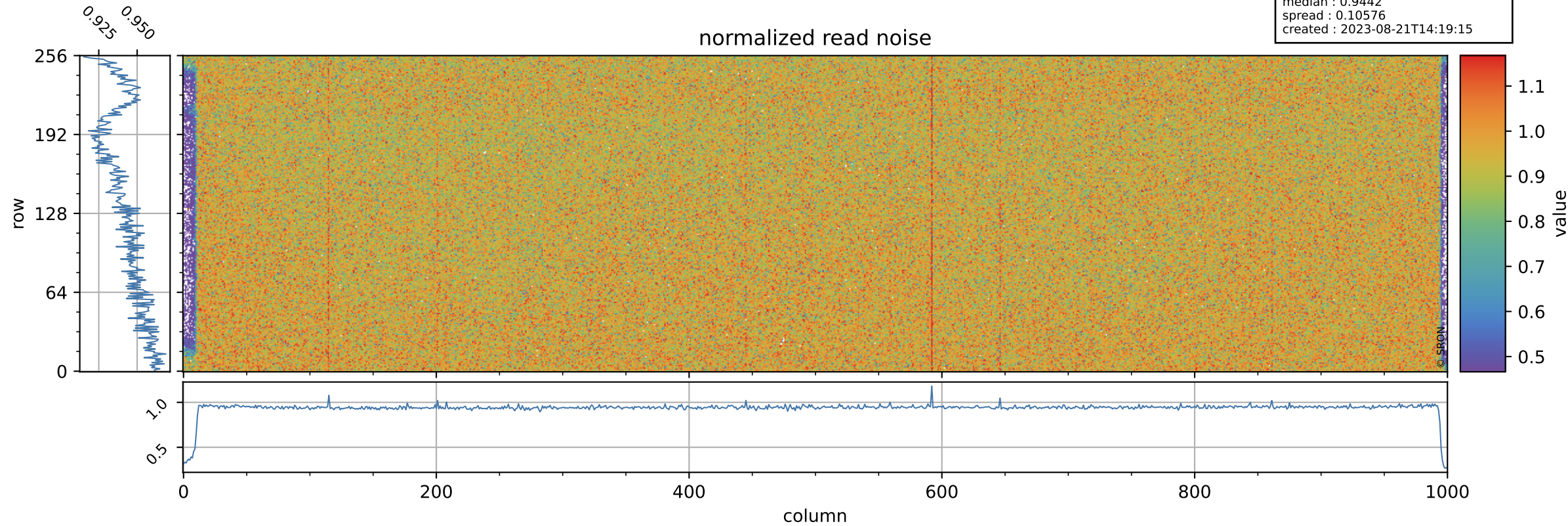
Tropomi SWIR background noise (swir)

orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
median : 1.1277 e
spread : 0.062811 e
created : 2023-08-21T14:19:15



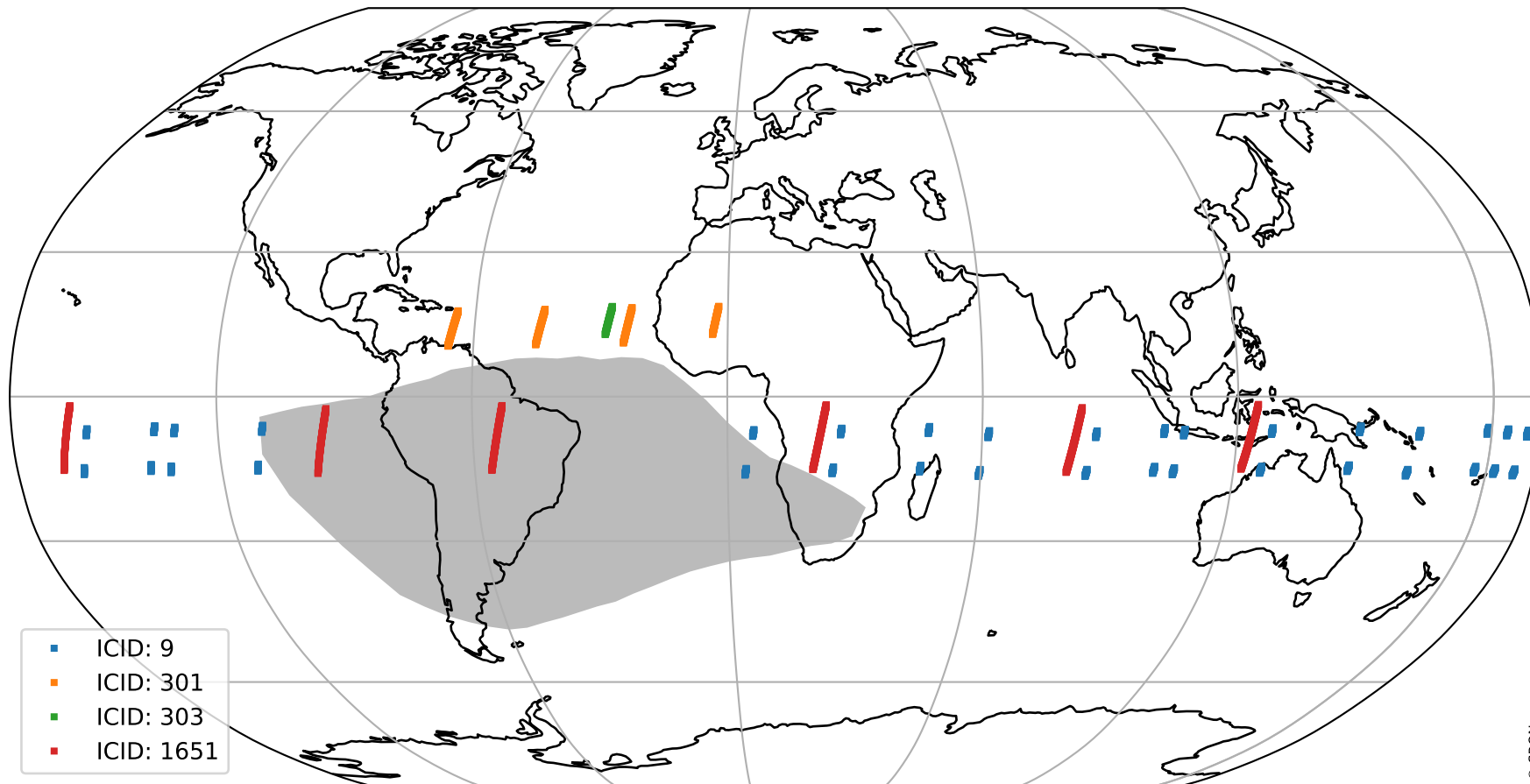
Tropomi SWIR background noise (swir)

orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
median : 0.9442
spread : 0.10576
created : 2023-08-21T14:19:15



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

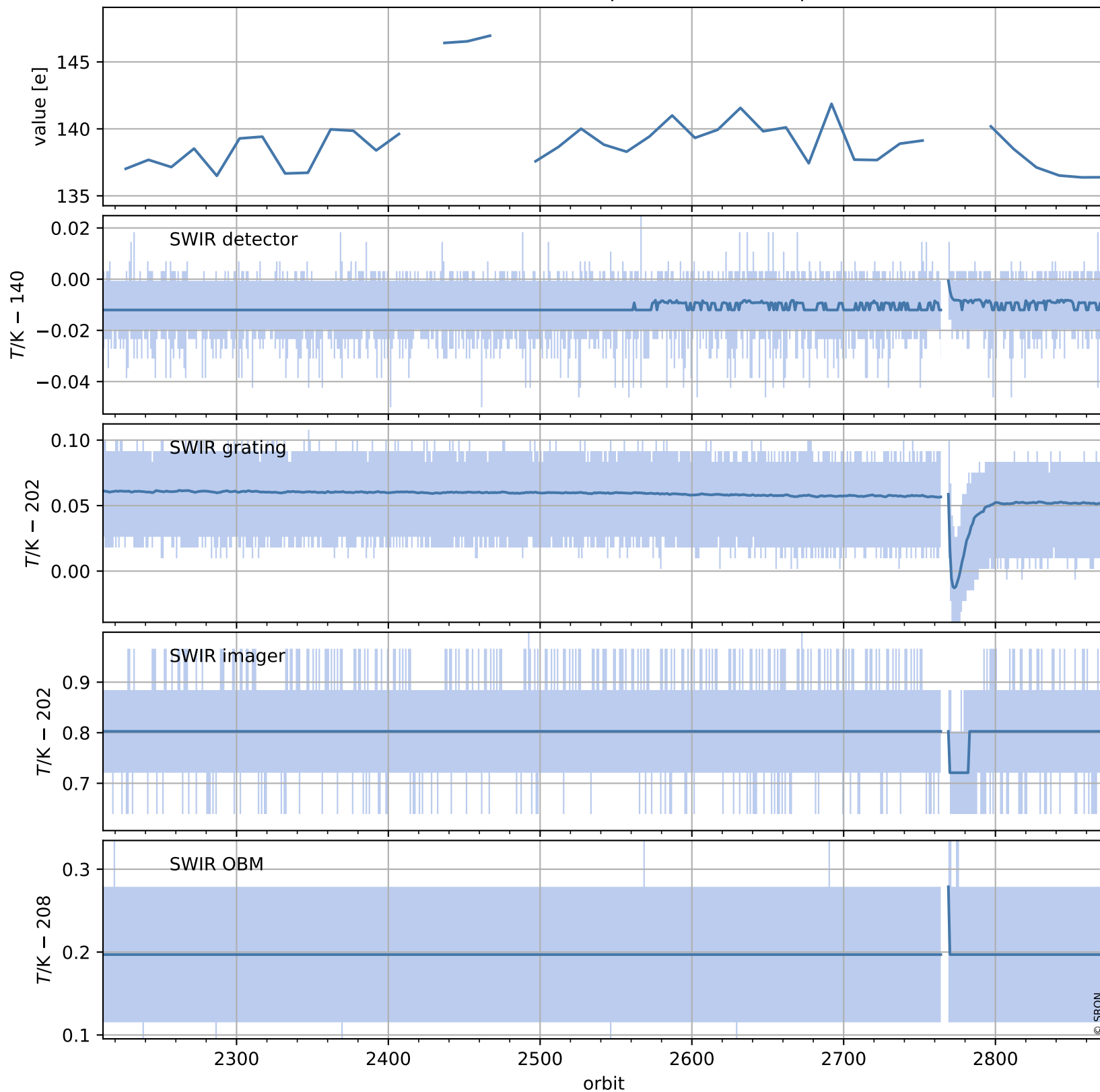
orbits : 11 in [2812, 2872]
coverage : 2018-04-30 / 2018-05-03
created : 2023-08-21T14:19:15



Tropomi SWIR background noise (swir)

orbits : [2212, 2872]
coverage : 2018-03-18 / 2018-05-03
created : 2023-08-21T14:19:16

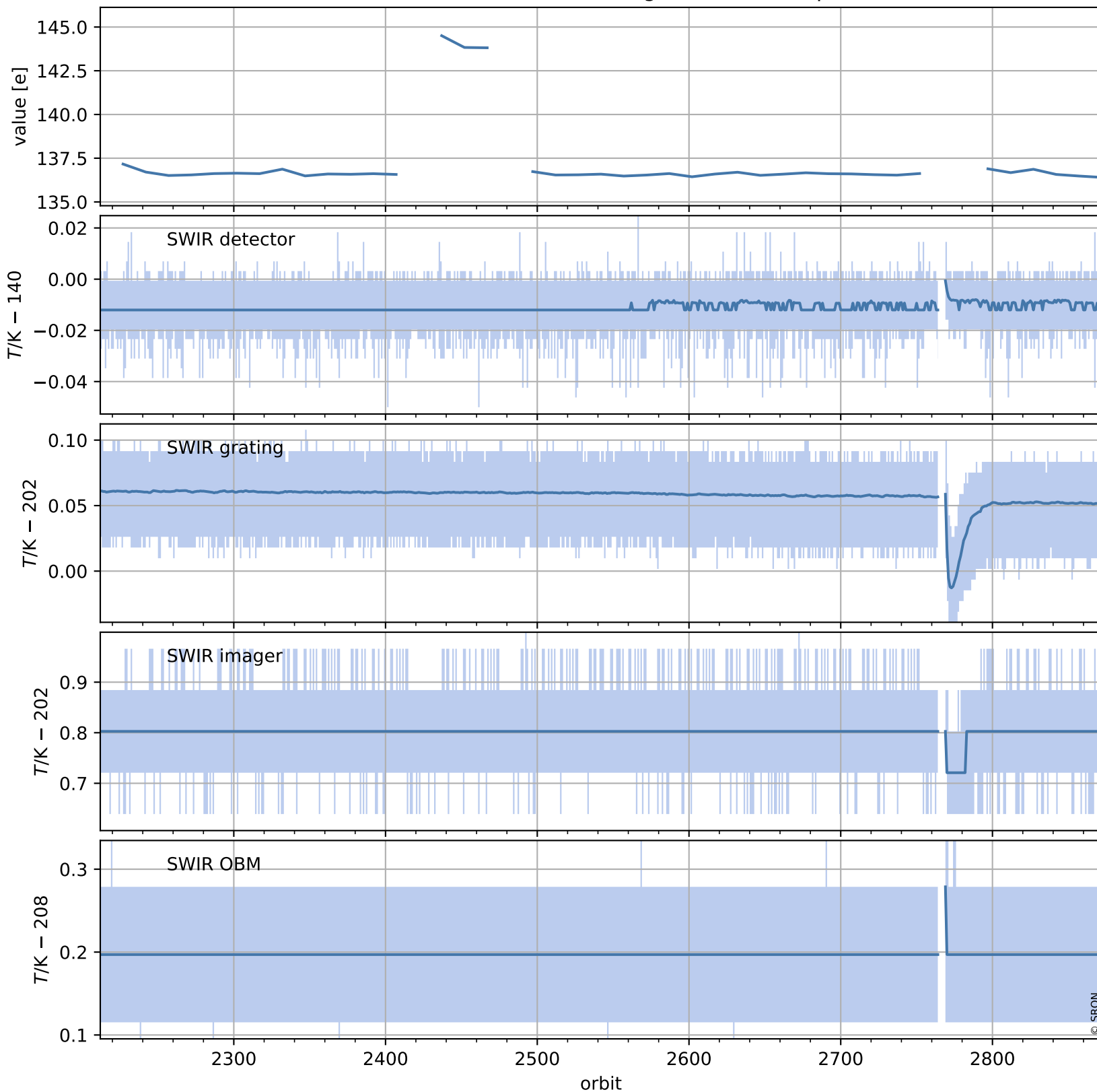
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2872]
coverage : 2018-03-18 / 2018-05-03
created : 2023-08-21T14:19:16

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2872]
coverage : 2018-03-18 / 2018-05-03
created : 2023-08-21T14:19:17

trend of normalized read-noise & temperatures

