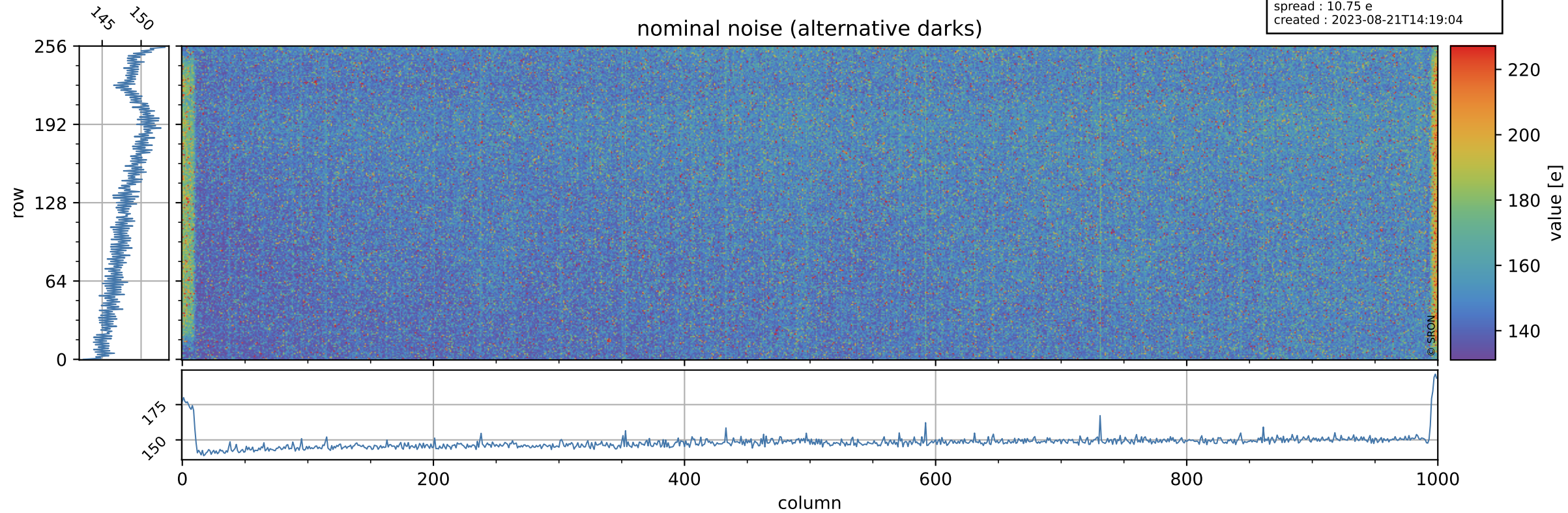


Tropomi SWIR background noise (swir)

orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
n_coad, t_exp : 1, 1.0783
median : 148.03 e
spread : 10.75 e
created : 2023-08-21T14:19:04

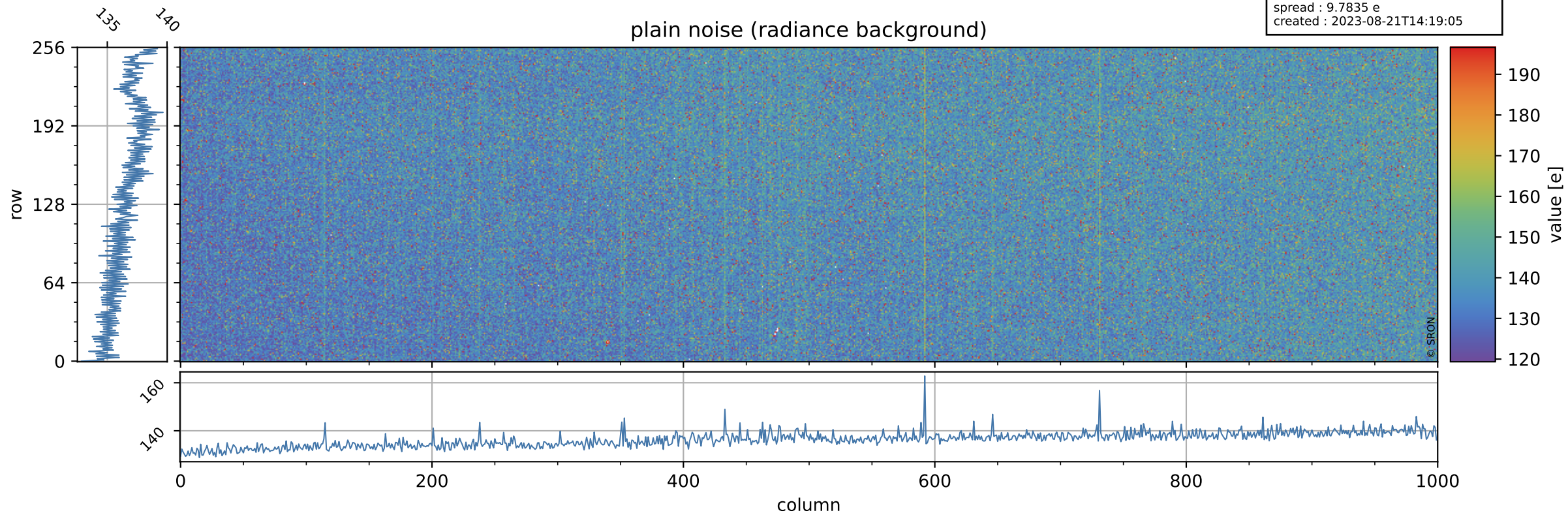
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
n_coad, t_exp : 2, 0.5383
median : 136.41 e
spread : 9.7835 e
created : 2023-08-21T14:19:05

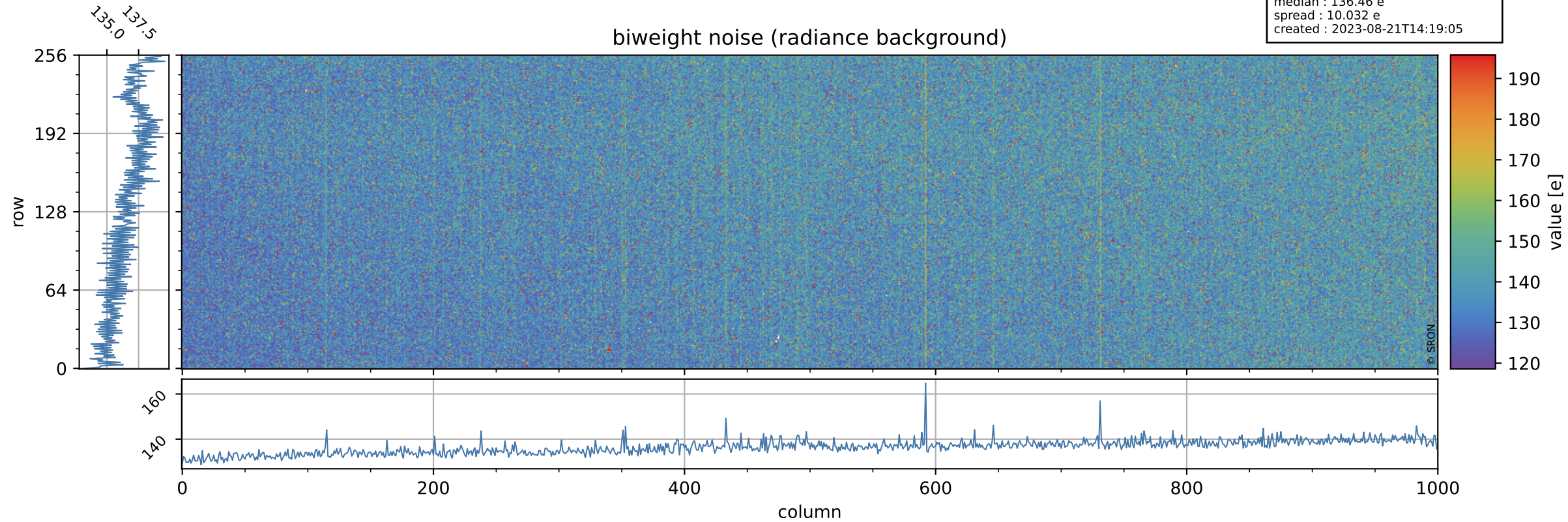
plain noise (radiance background)



Tropomi SWIR background noise (swir)

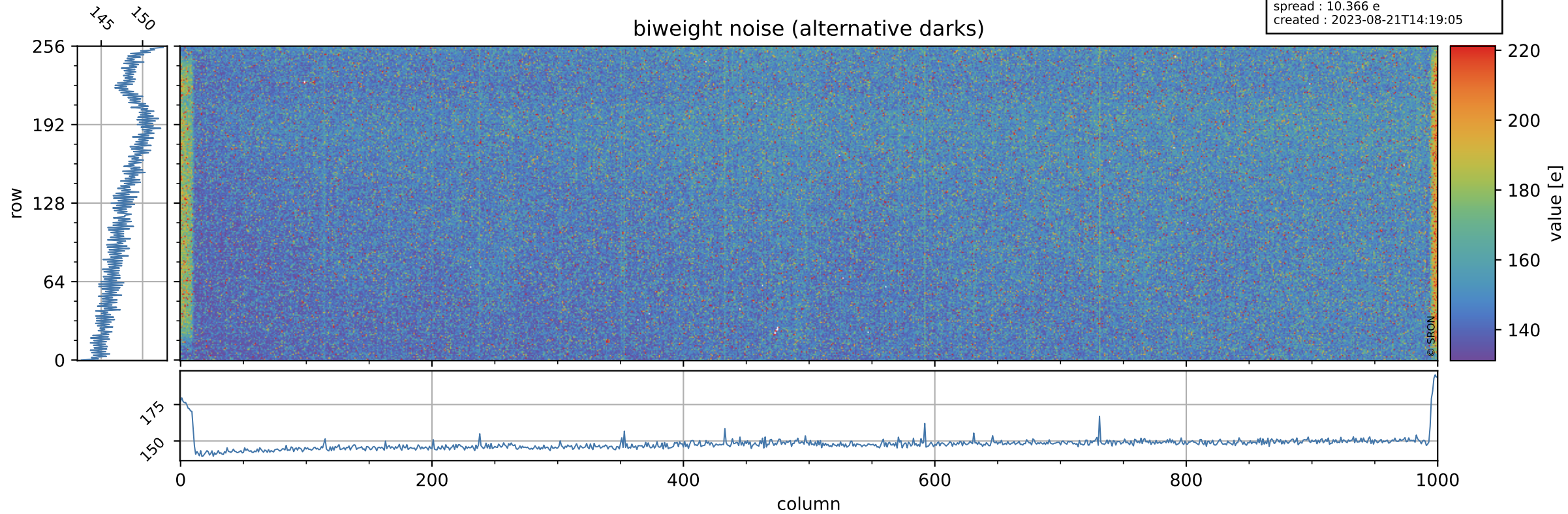
orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
n_coad, t_exp : 2, 0.5383
median : 136.46 e
spread : 10.032 e
created : 2023-08-21T14:19:05

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

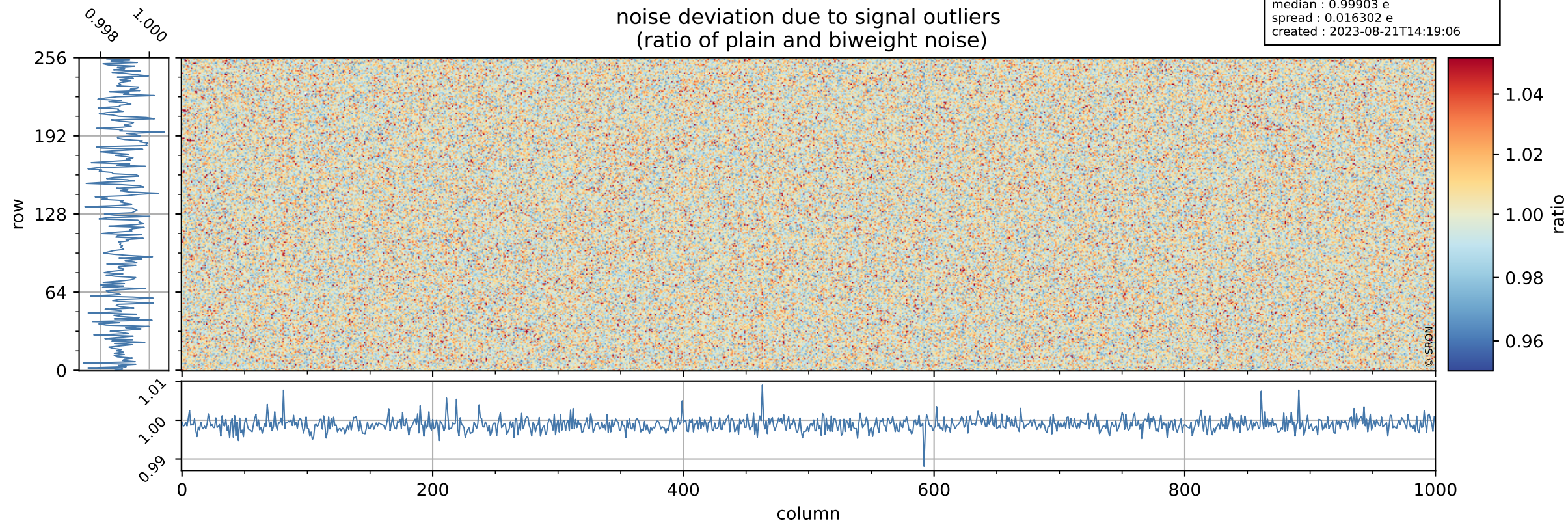
orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.366 e
created : 2023-08-21T14:19:05



Tropomi SWIR background noise (swir)

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

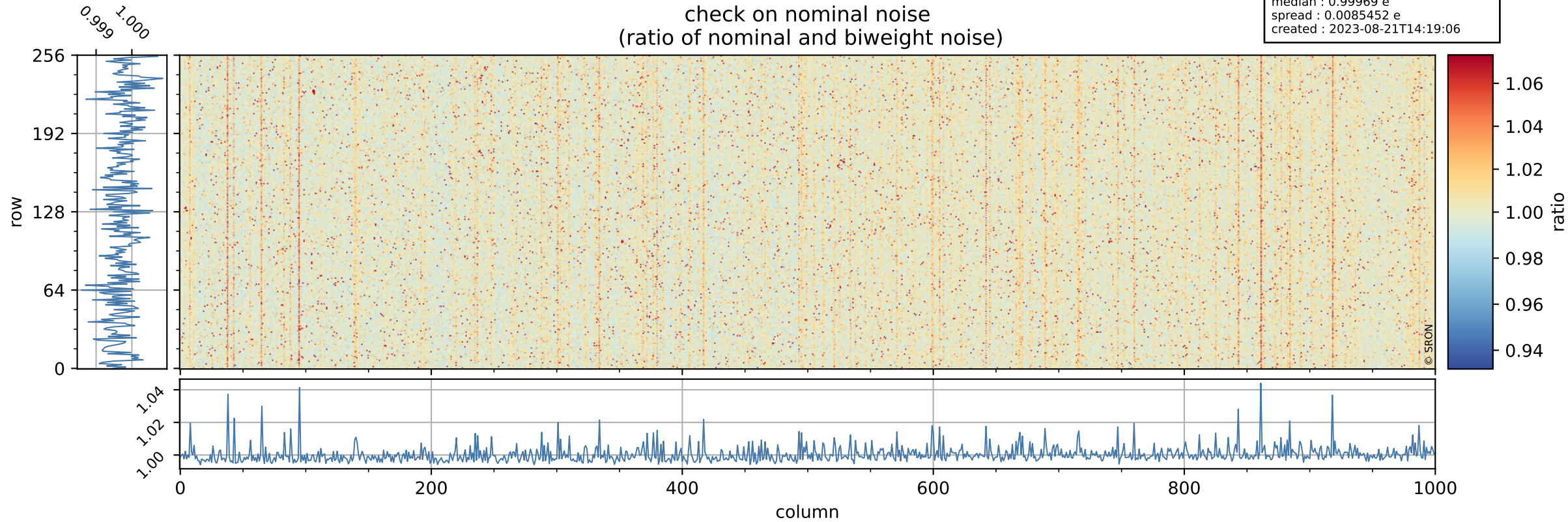
orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
median : 0.99903 e
spread : 0.016302 e
created : 2023-08-21T14:19:06



Tropomi SWIR background noise (swir)

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

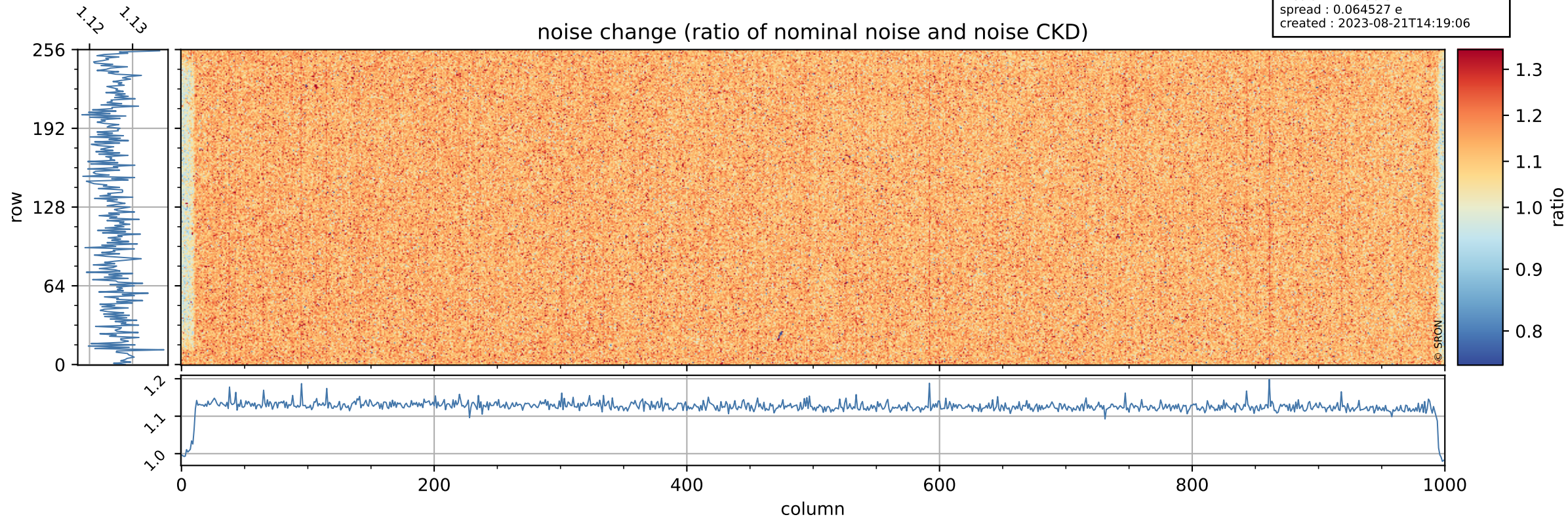
orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
median : 0.99969 e
spread : 0.0085452 e
created : 2023-08-21T14:19:06



Tropomi SWIR background noise (swir)

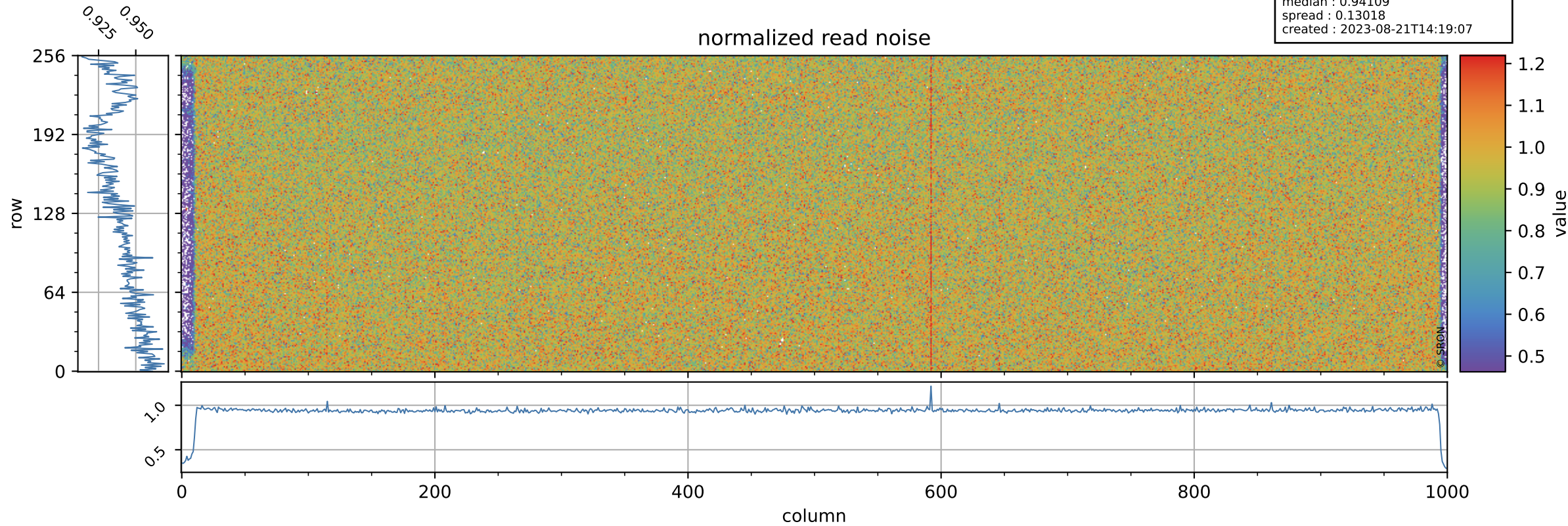
orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
median : 1.1256 e
spread : 0.064527 e
created : 2023-08-21T14:19:06

noise change (ratio of nominal noise and noise CKD)



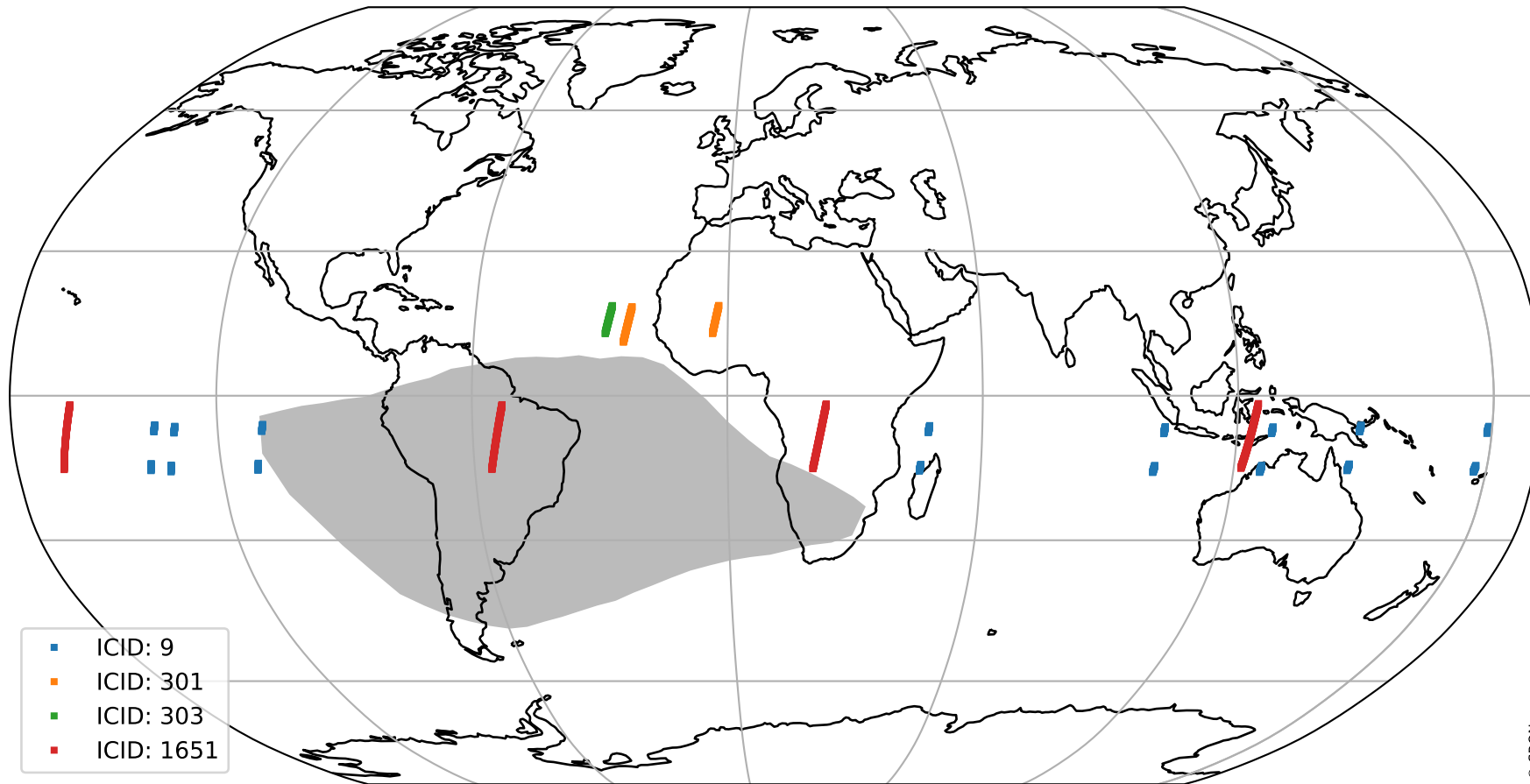
Tropomi SWIR background noise (swir)

orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
median : 0.94109
spread : 0.13018
created : 2023-08-21T14:19:07



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

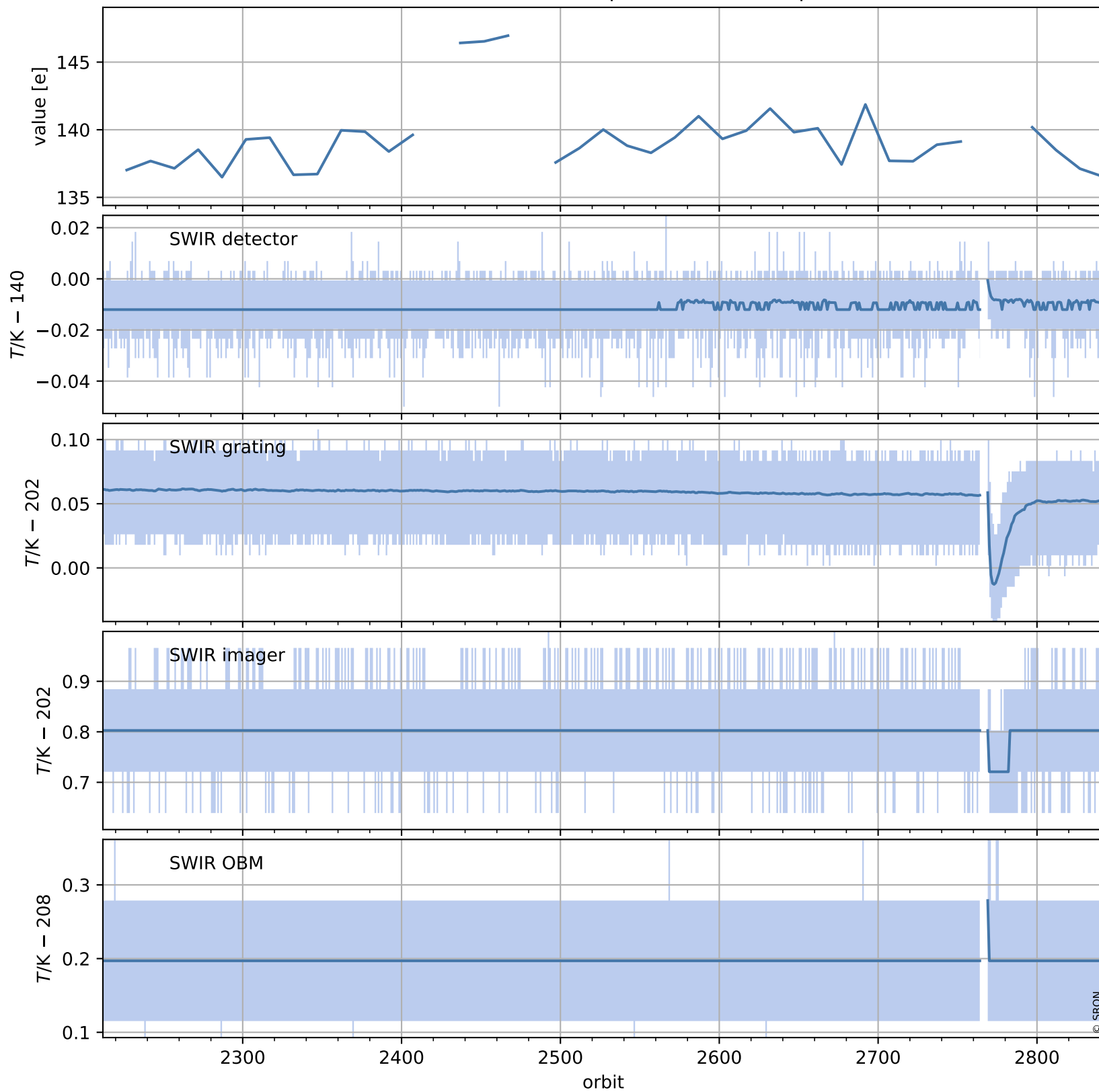
orbits : 7 in [2812, 2842]
coverage : 2018-04-30 / 2018-05-01
created : 2023-08-21T14:19:07



Tropomi SWIR background noise (swir)

orbits : [2212, 2842]
coverage : 2018-03-18 / 2018-05-01
created : 2023-08-21T14:19:07

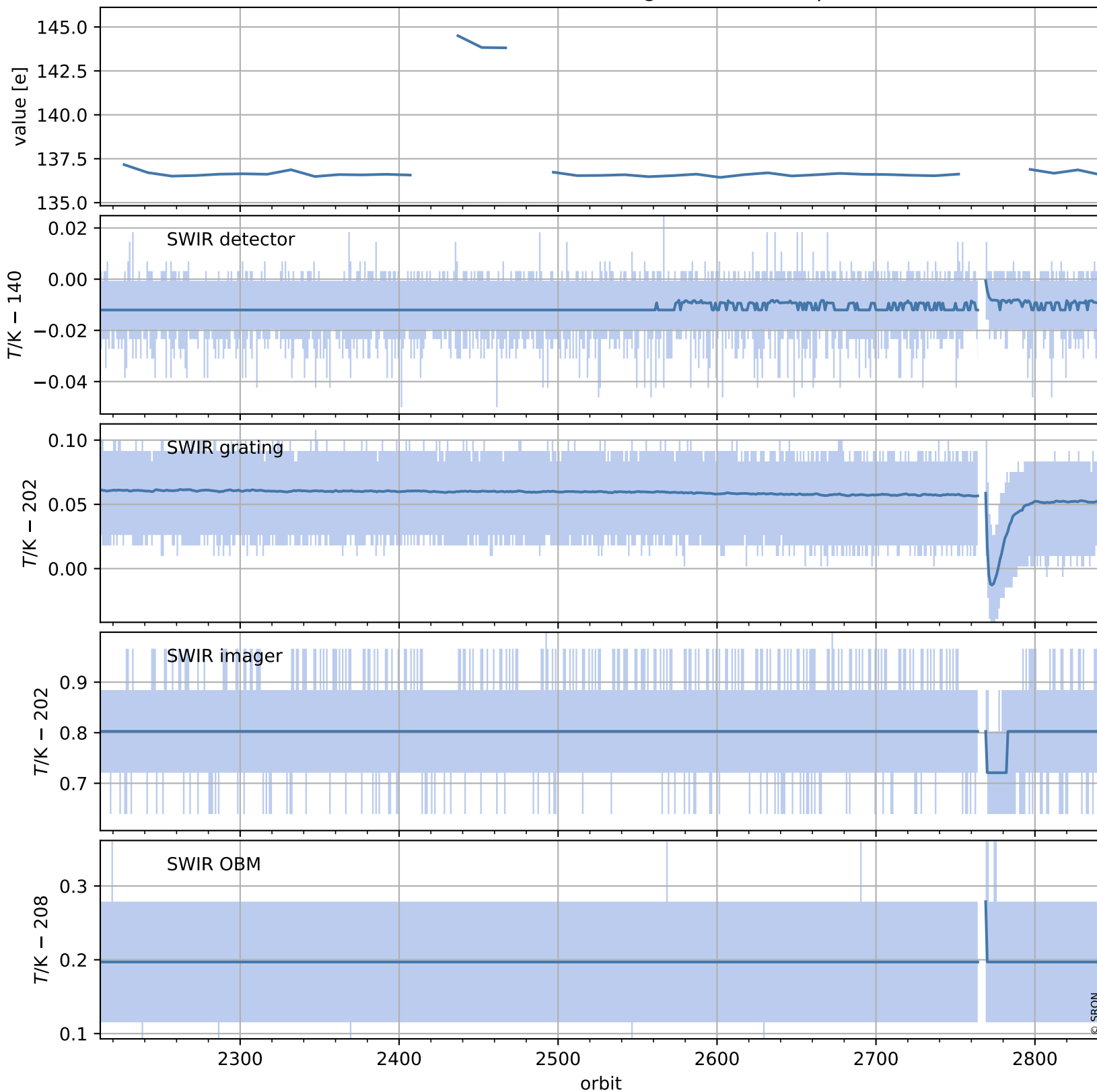
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2842]
coverage : 2018-03-18 / 2018-05-01
created : 2023-08-21T14:19:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2842]
coverage : 2018-03-18 / 2018-05-01
created : 2023-08-21T14:19:08

trend of normalized read-noise & temperatures

