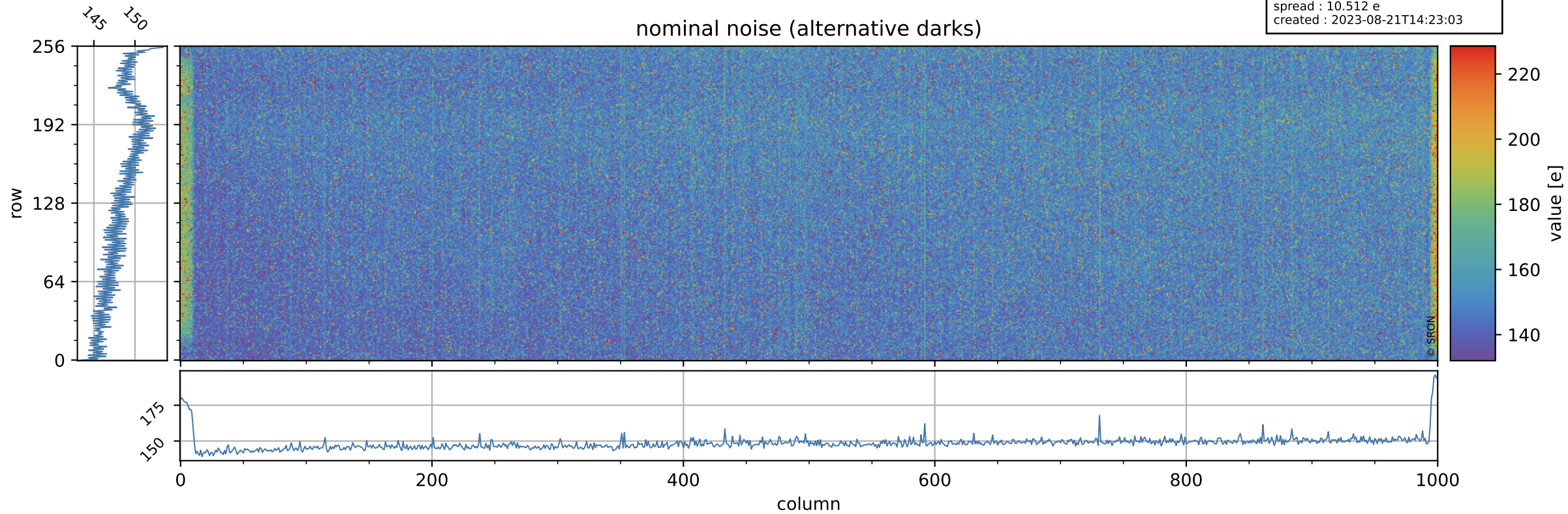


Tropomi SWIR background noise (swir)

orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.512 e
created : 2023-08-21T14:23:03

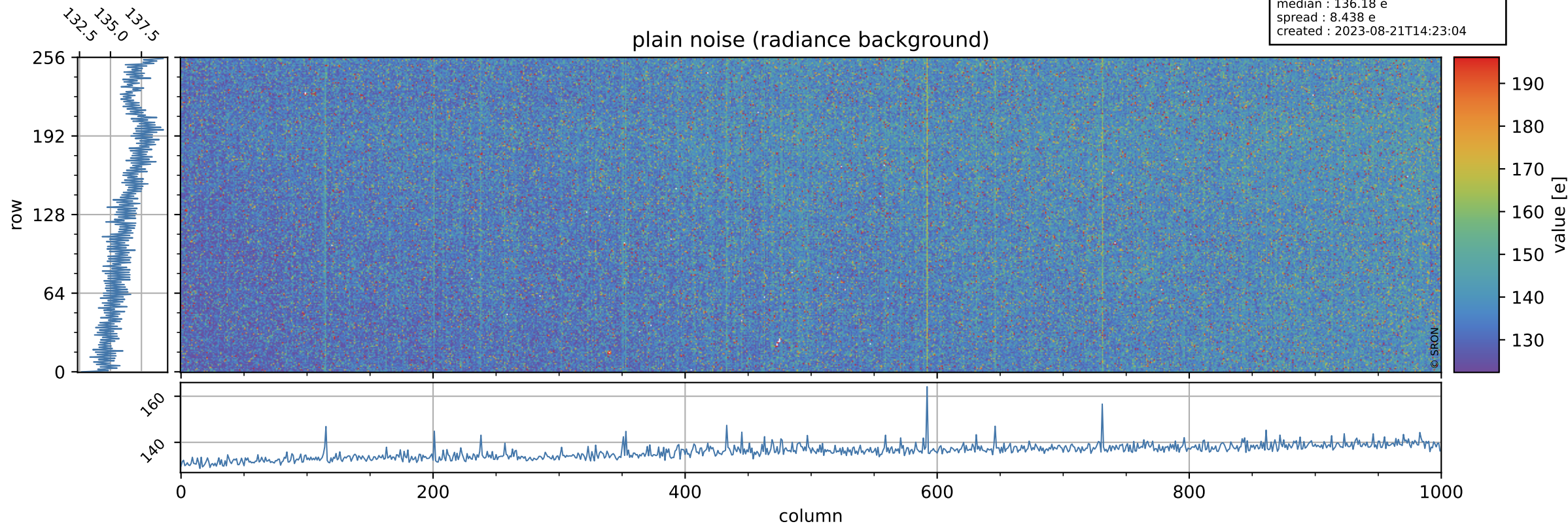
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.438 e
created : 2023-08-21T14:23:04

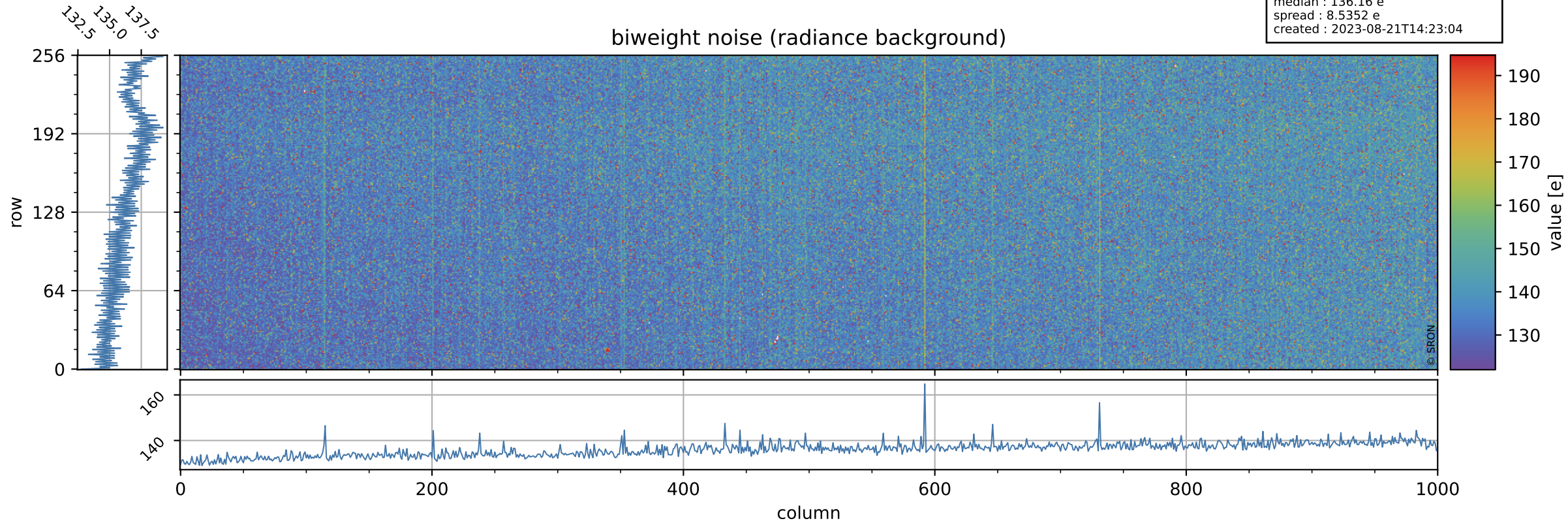
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.5352 e
created : 2023-08-21T14:23:04

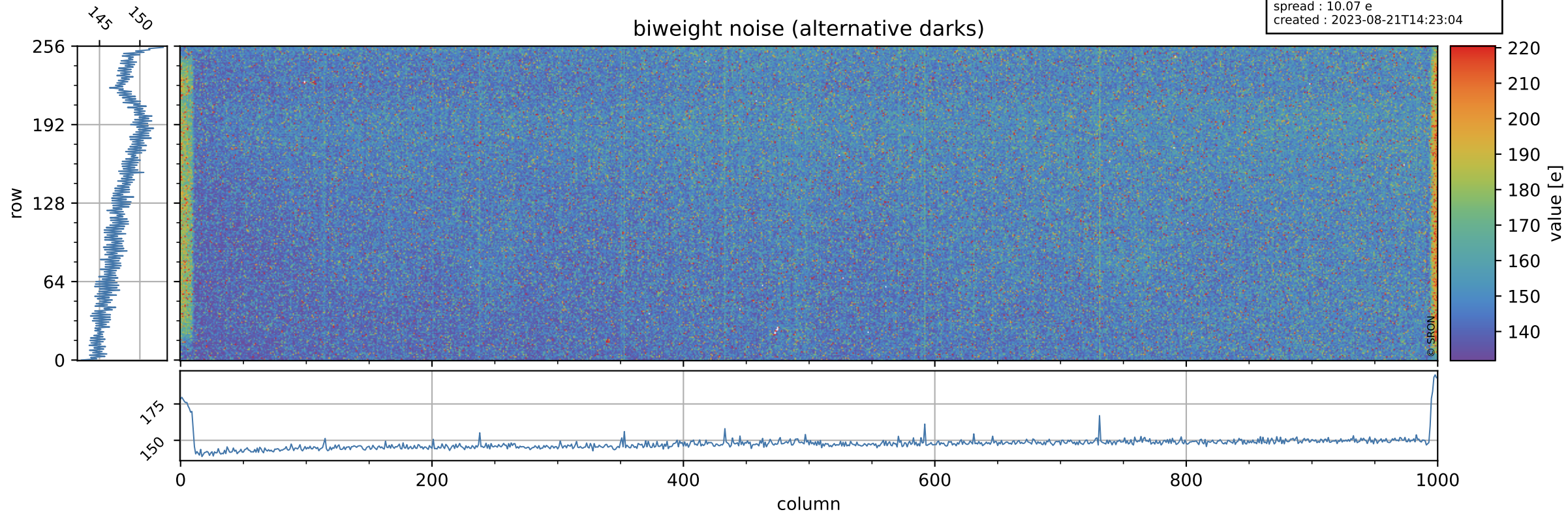
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 10.07 e
created : 2023-08-21T14:23:04

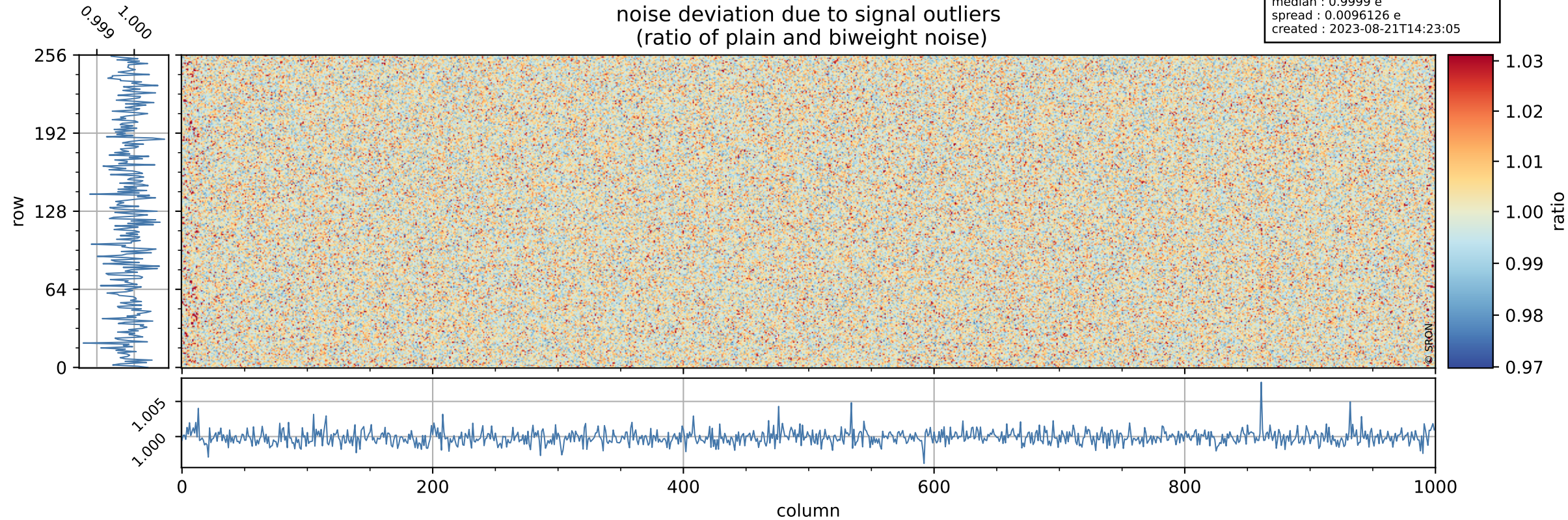
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

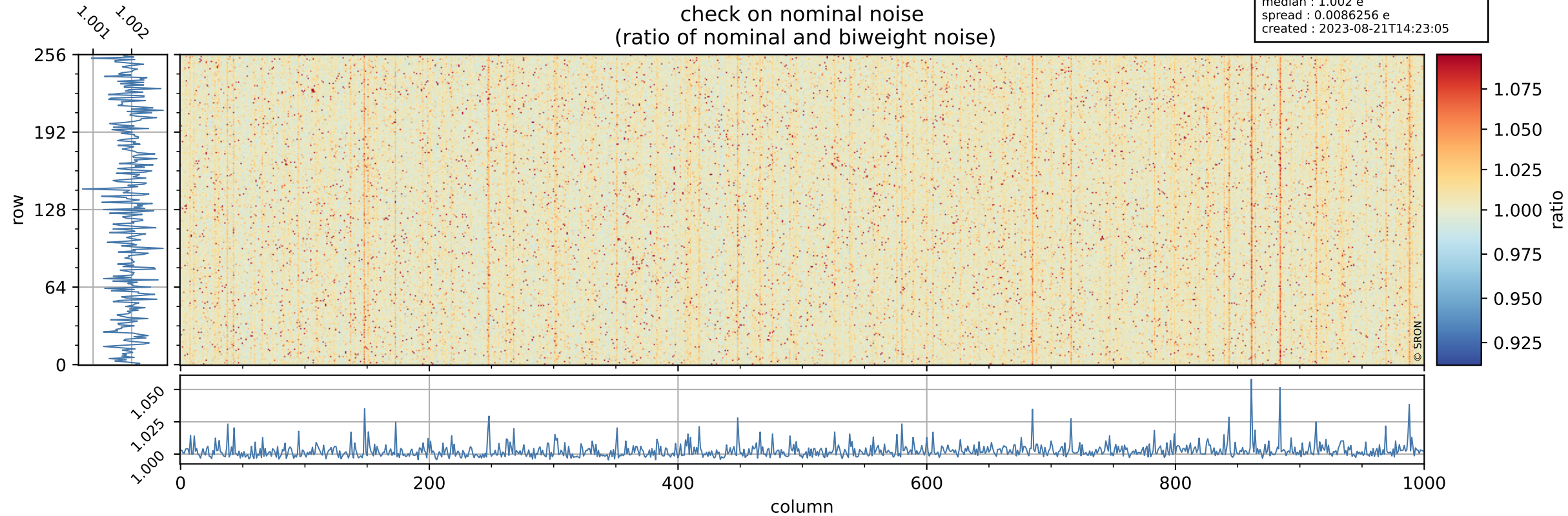
orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
median : 0.9999 e
spread : 0.0096126 e
created : 2023-08-21T14:23:05



Tropomi SWIR background noise (swir)

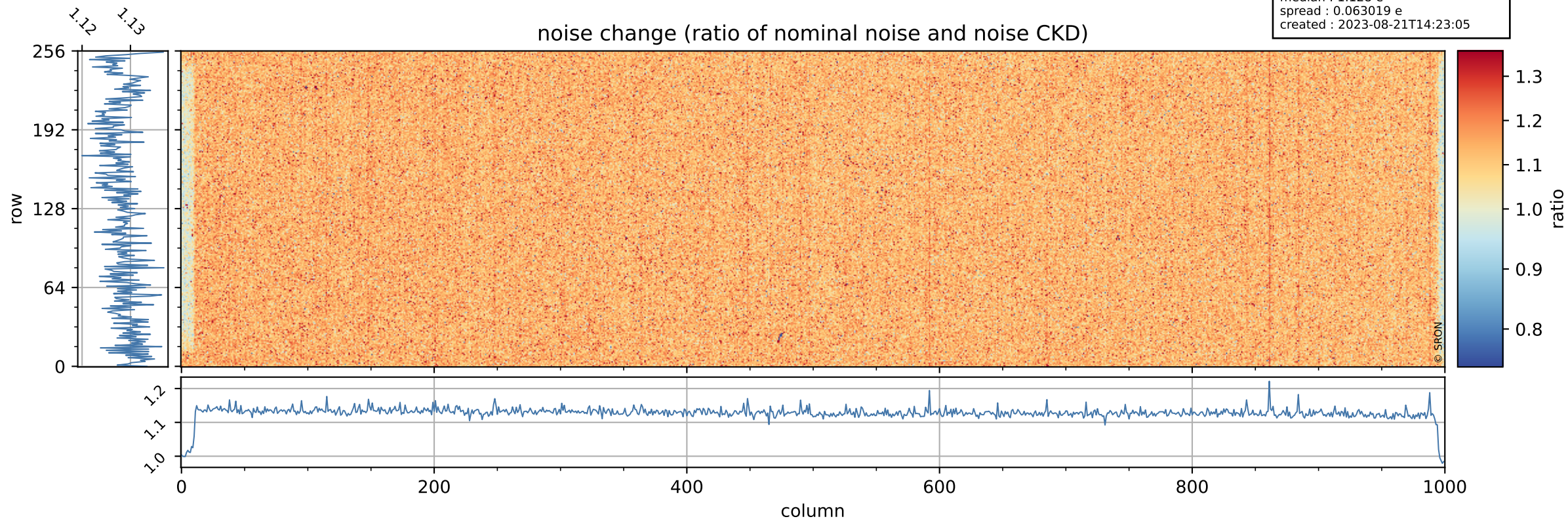
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
median : 1.002 e
spread : 0.0086256 e
created : 2023-08-21T14:23:05



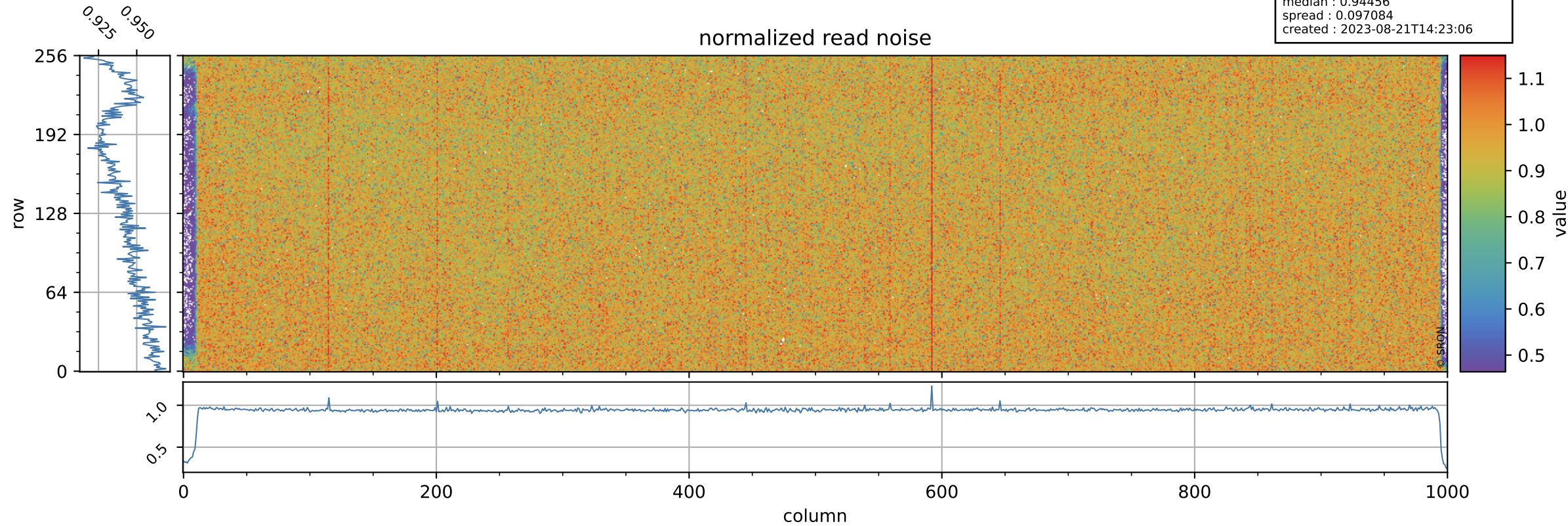
Tropomi SWIR background noise (swir)

orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
median : 1.128 e
spread : 0.063019 e
created : 2023-08-21T14:23:05



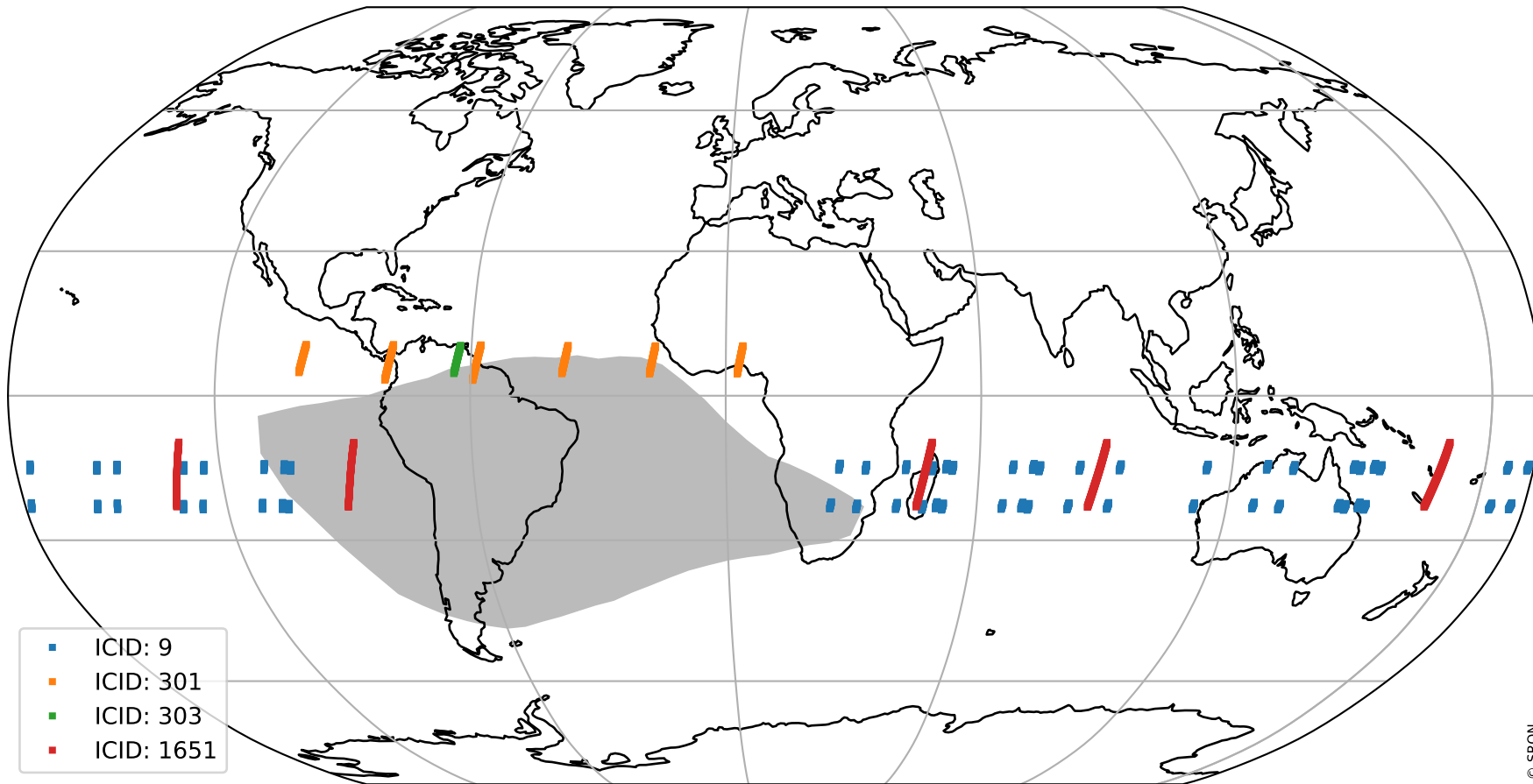
Tropomi SWIR background noise (swir)

orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
median : 0.94456
spread : 0.097084
created : 2023-08-21T14:23:06



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

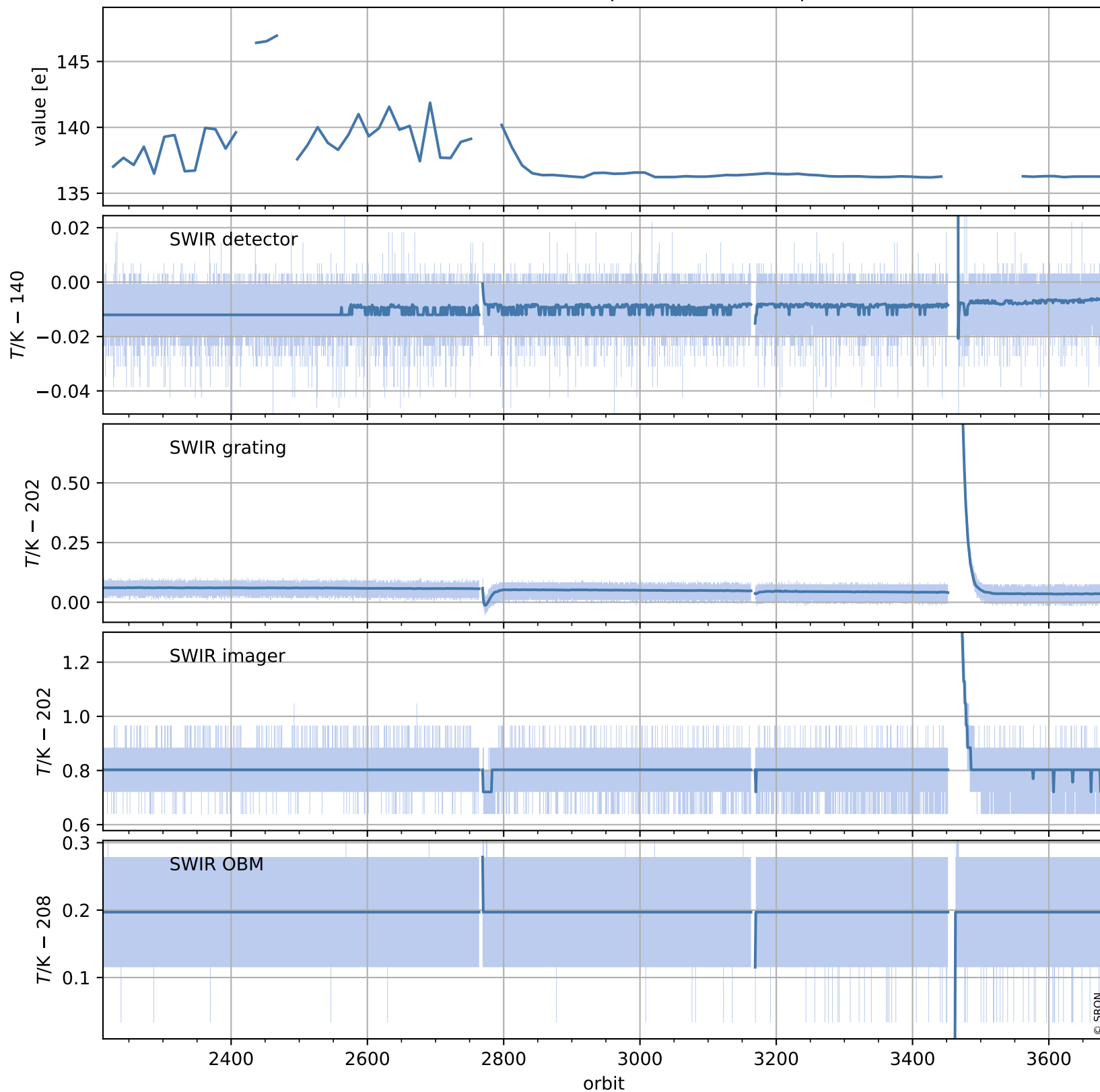
orbits : 12 in [3592, 3682]
coverage : 2018-06-23 / 2018-06-29
created : 2023-08-21T14:23:06



Tropomi SWIR background noise (swir)

orbits : [2212, 3682]
coverage : 2018-03-18 / 2018-06-29
created : 2023-08-21T14:23:06

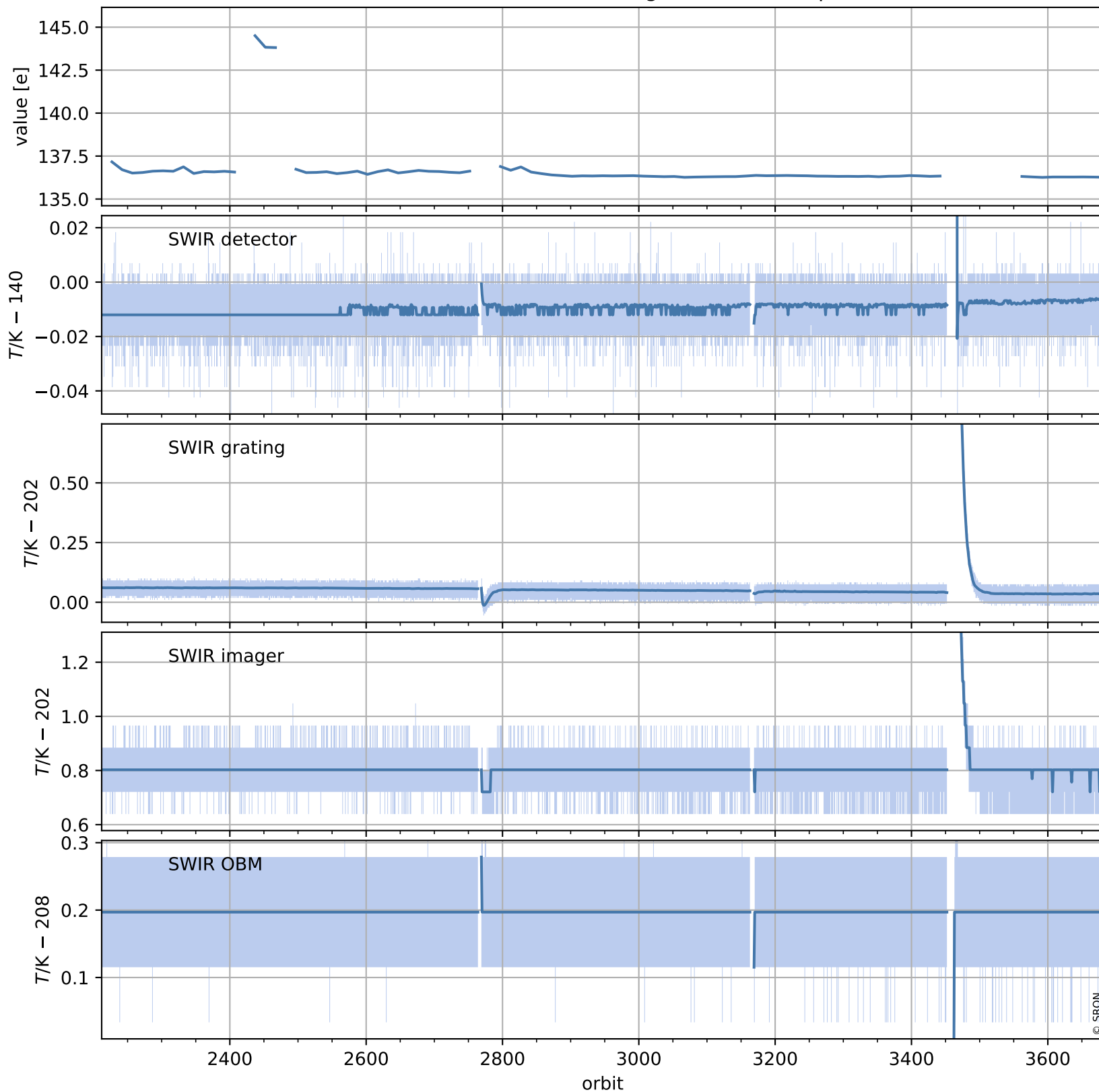
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3682]
coverage : 2018-03-18 / 2018-06-29
created : 2023-08-21T14:23:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3682]
coverage : 2018-03-18 / 2018-06-29
created : 2023-08-21T14:23:07

trend of normalized read-noise & temperatures

