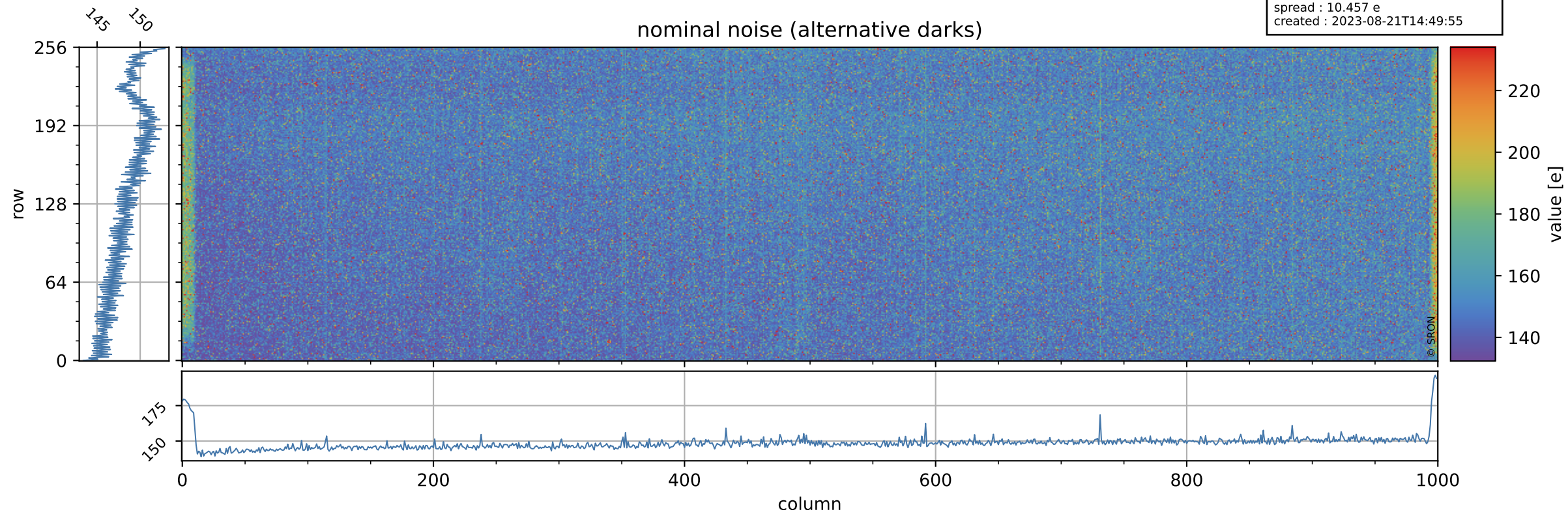


Tropomi SWIR background noise (swir)

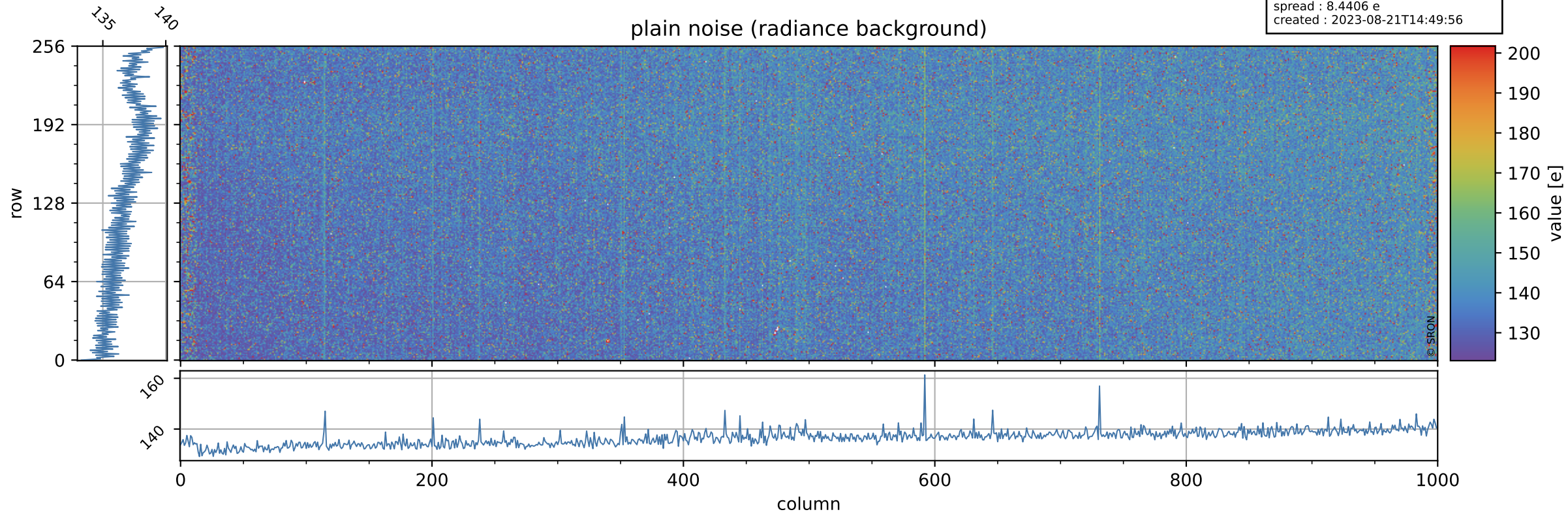
orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.457 e
created : 2023-08-21T14:49:55



Tropomi SWIR background noise (swir)

orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
n_coad, t_exp : 2, 0.5383
median : 136.65 e
spread : 8.4406 e
created : 2023-08-21T14:49:56

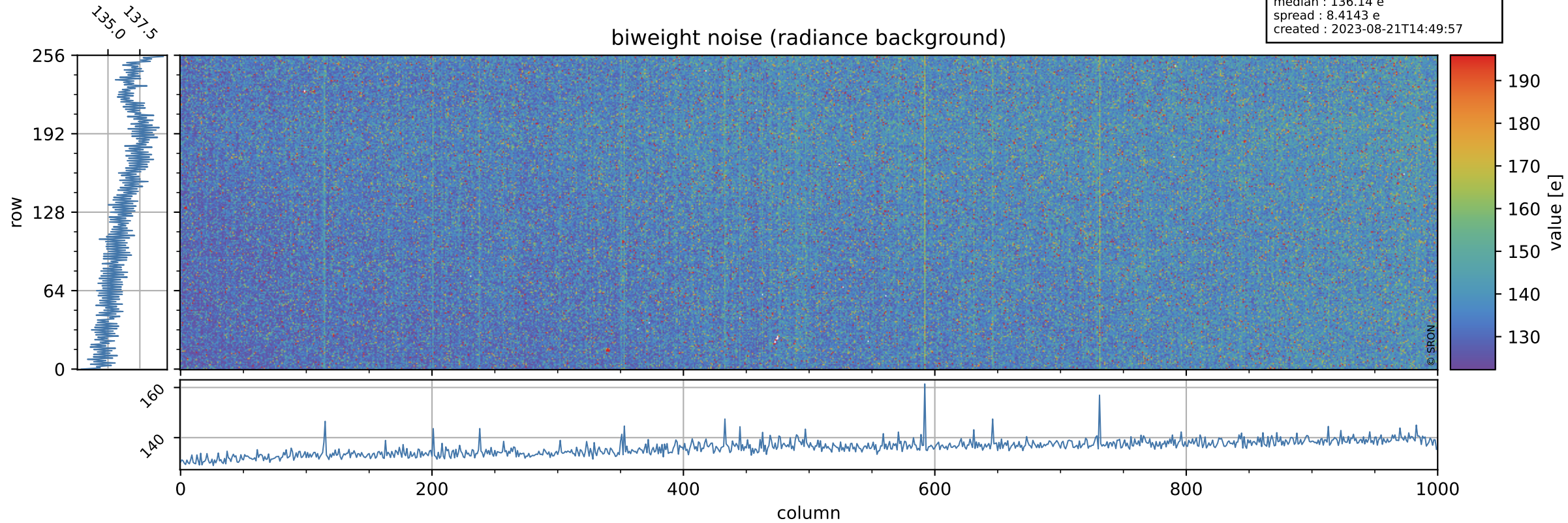
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.4143 e
created : 2023-08-21T14:49:57

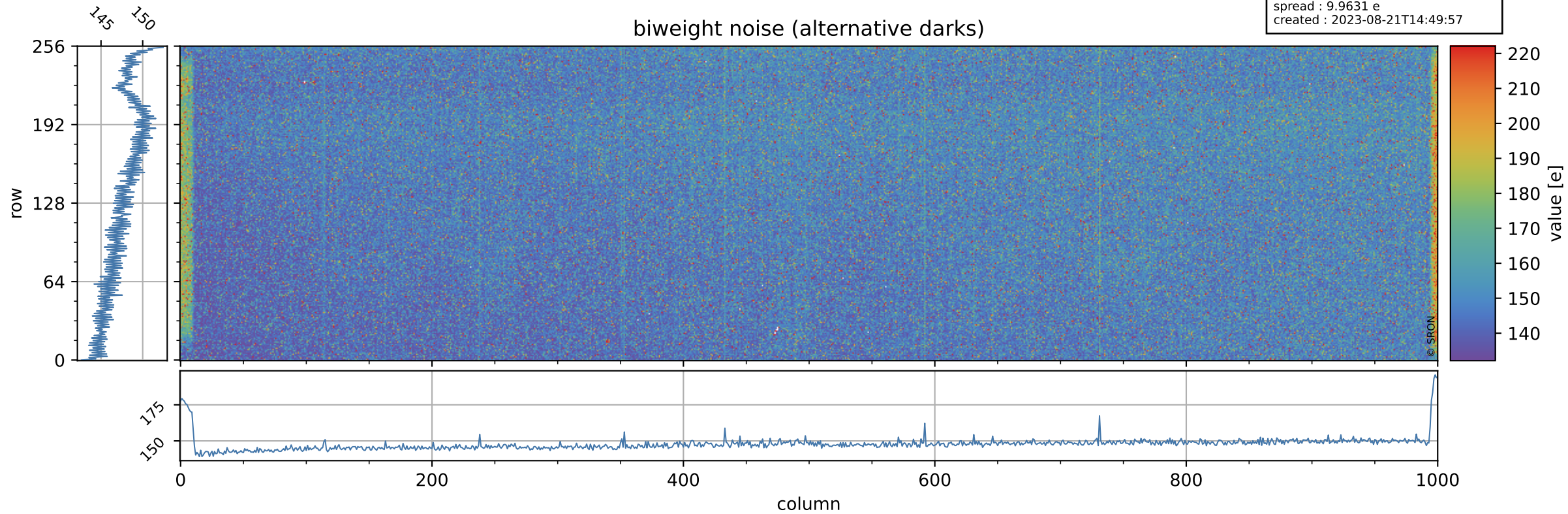
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9631 e
created : 2023-08-21T14:49:57

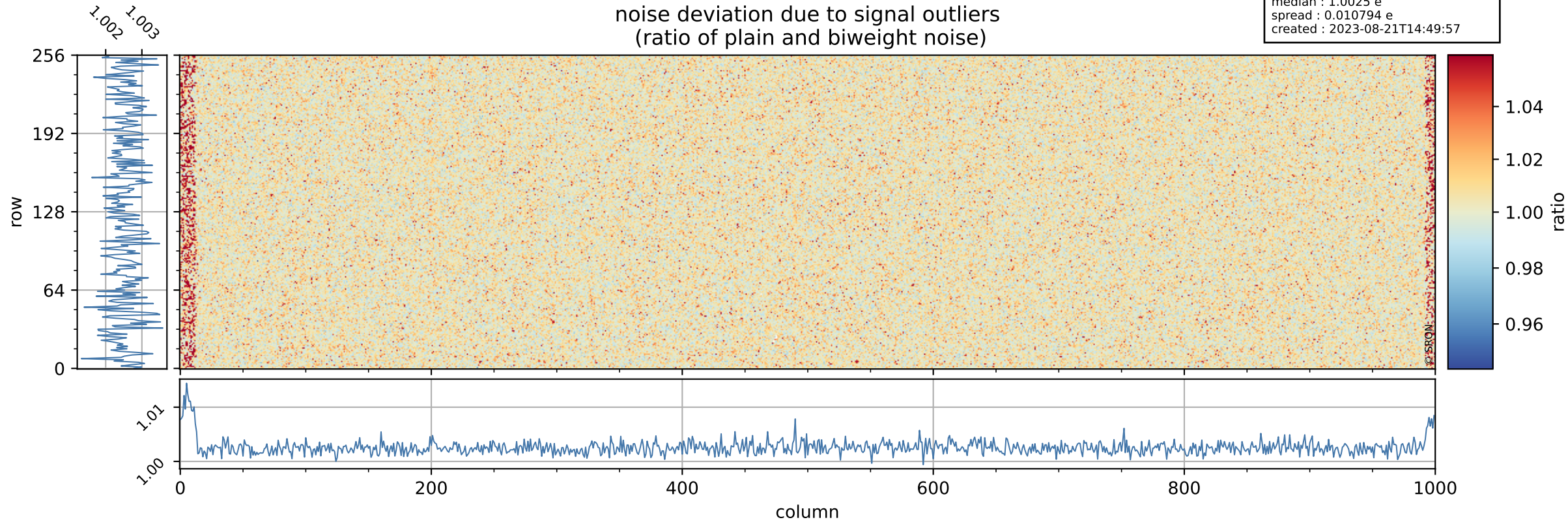
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

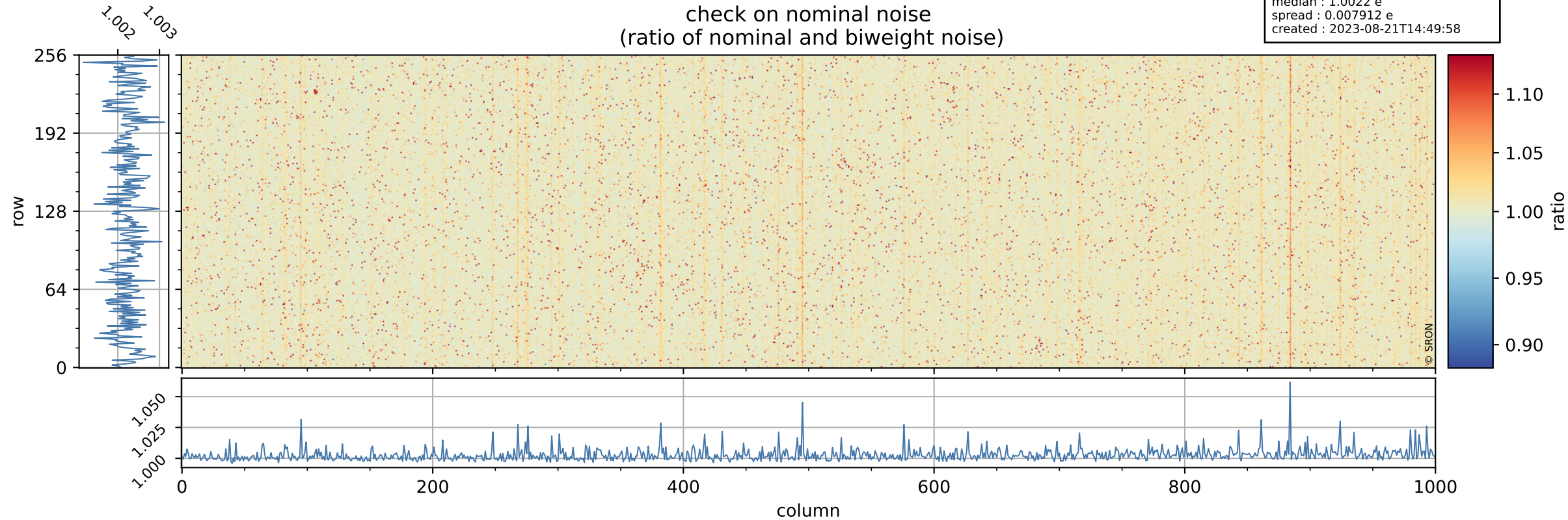
orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
median : 1.0025 e
spread : 0.010794 e
created : 2023-08-21T14:49:57



Tropomi SWIR background noise (swir)

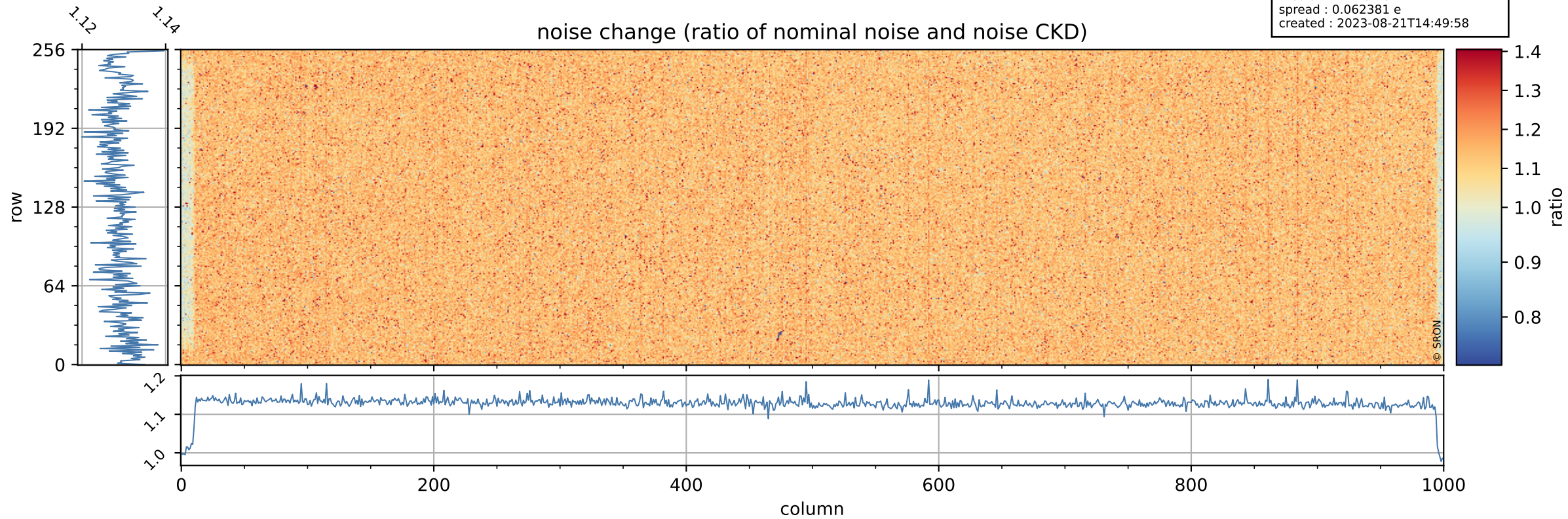
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
median : 1.0022 e
spread : 0.007912 e
created : 2023-08-21T14:49:58



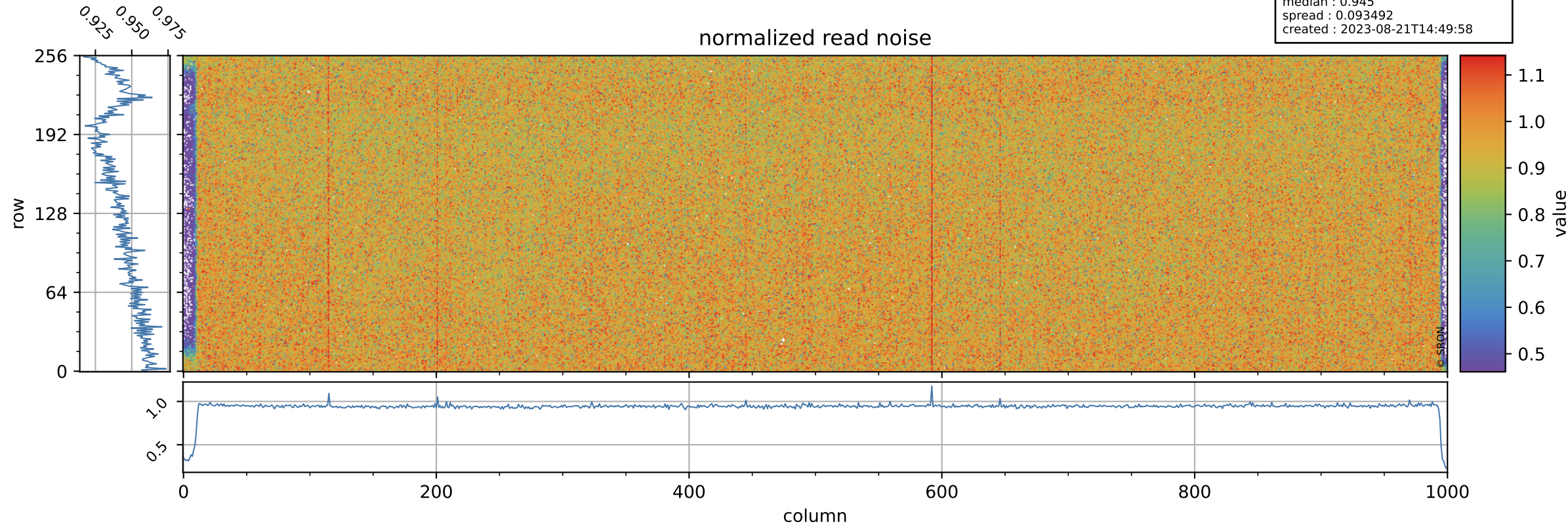
Tropomi SWIR background noise (swir)

orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
median : 1.1284 e
spread : 0.062381 e
created : 2023-08-21T14:49:58



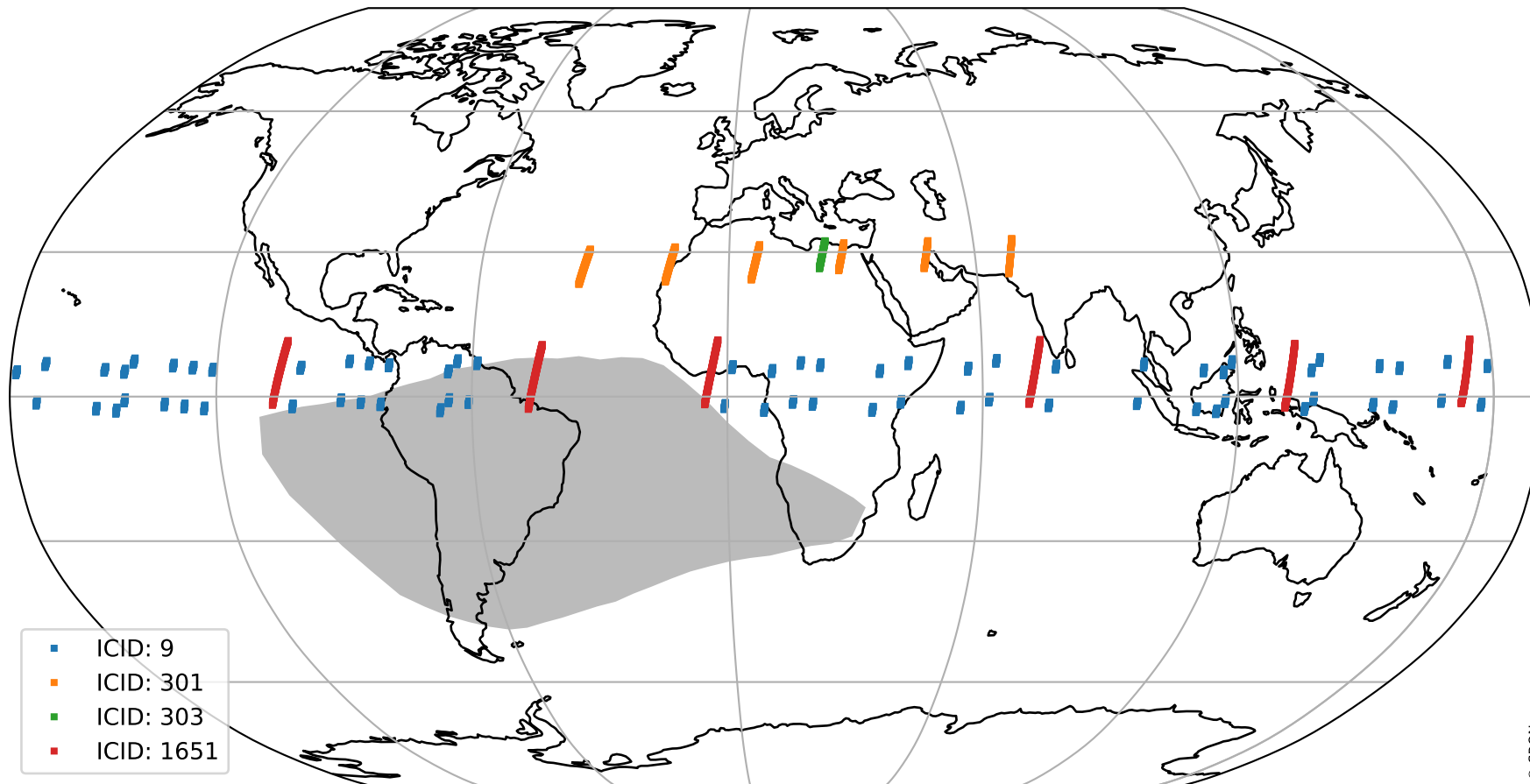
Tropomi SWIR background noise (swir)

orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
median : 0.945
spread : 0.093492
created : 2023-08-21T14:49:58



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

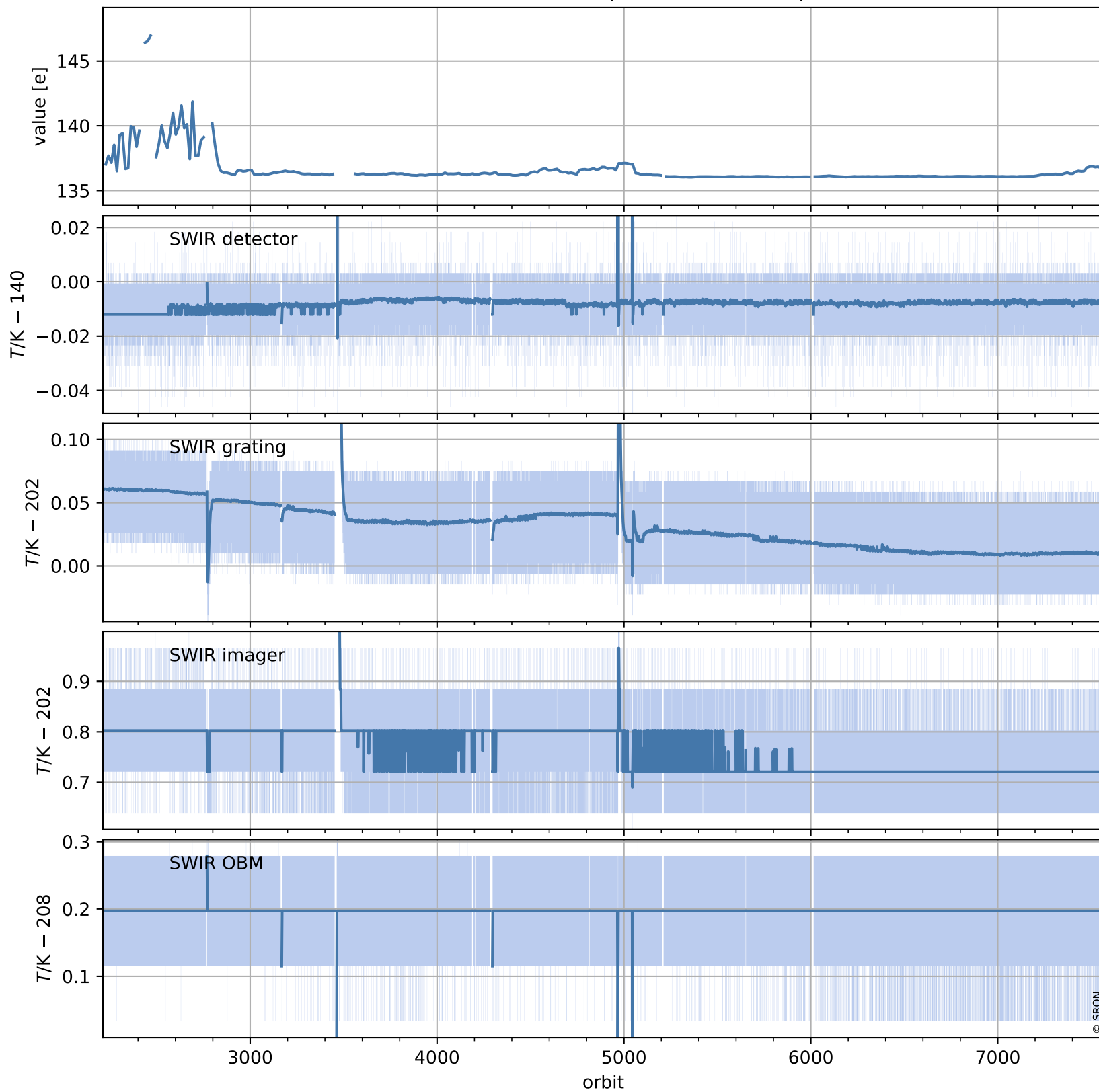
orbits : 13 in [7492, 7567]
coverage : 2019-03-24 / 2019-03-30
created : 2023-08-21T14:49:59



Tropomi SWIR background noise (swir)

orbits : [2212, 7567]
coverage : 2018-03-18 / 2019-03-30
created : 2023-08-21T14:49:59

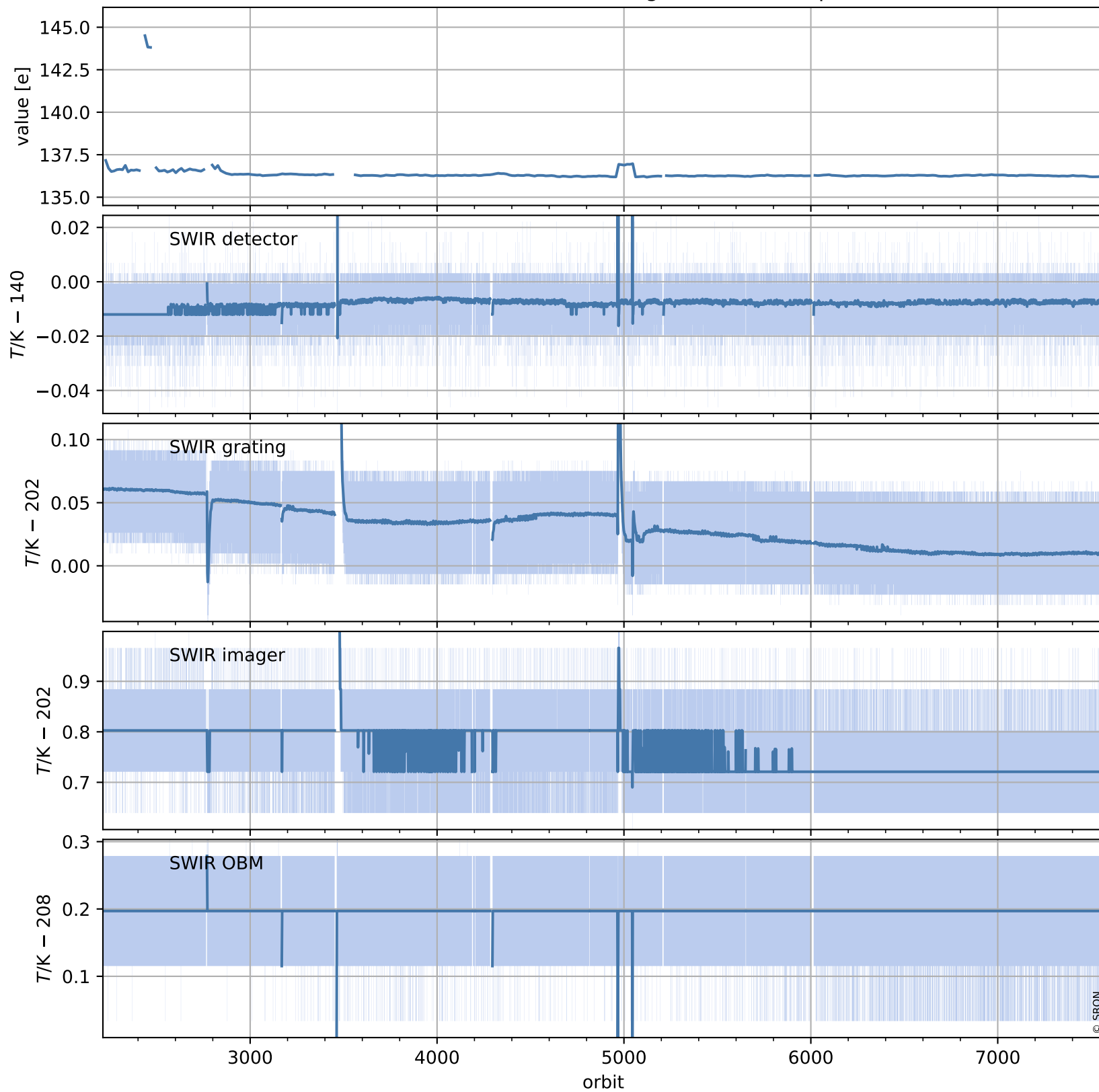
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7567]
coverage : 2018-03-18 / 2019-03-30
created : 2023-08-21T14:50:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7567]
coverage : 2018-03-18 / 2019-03-30
created : 2023-08-21T14:50:00

trend of normalized read-noise & temperatures

