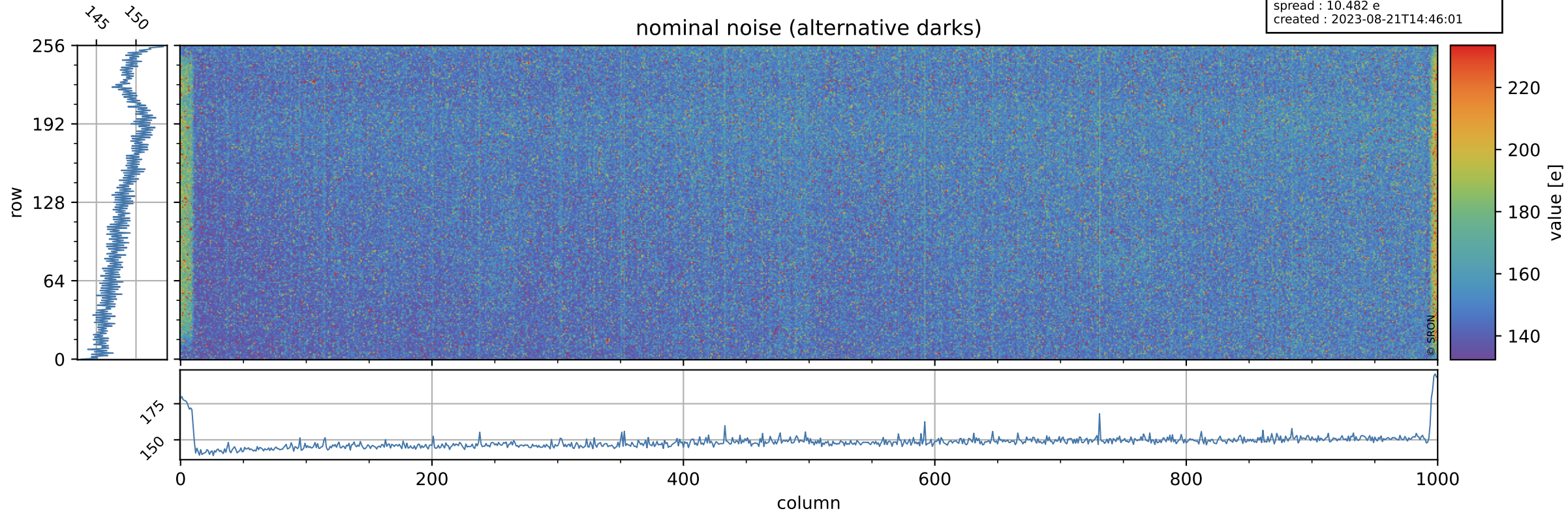


Tropomi SWIR background noise (swir)

orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.482 e
created : 2023-08-21T14:46:01

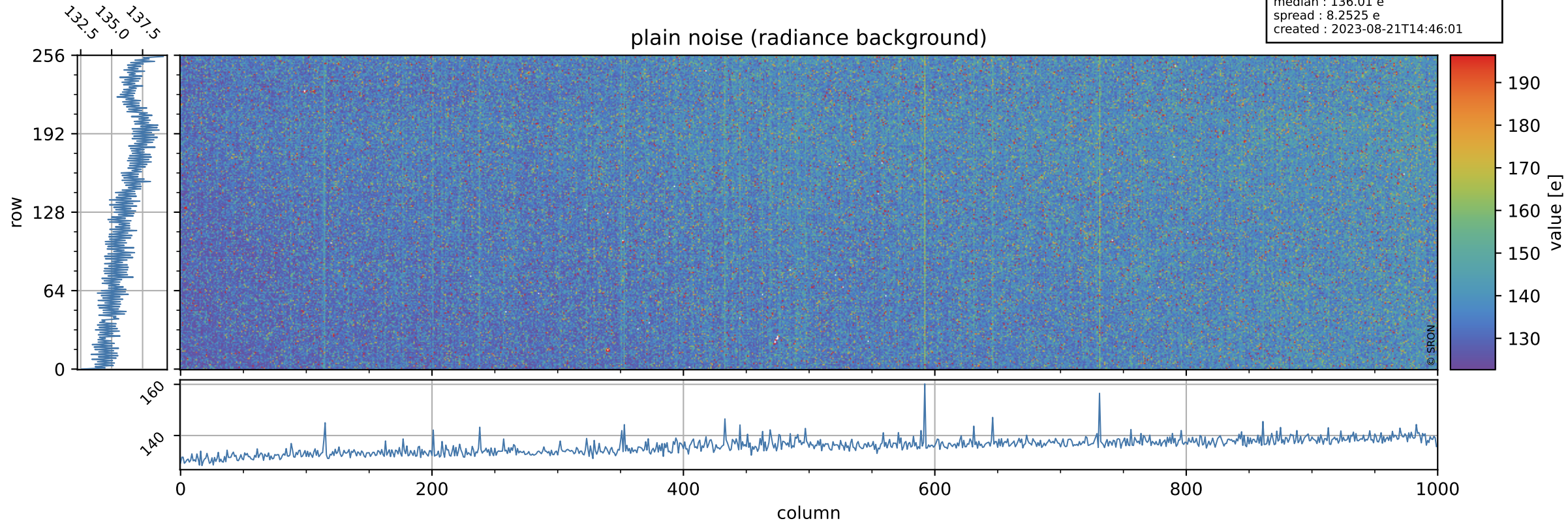
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.2525 e
created : 2023-08-21T14:46:01

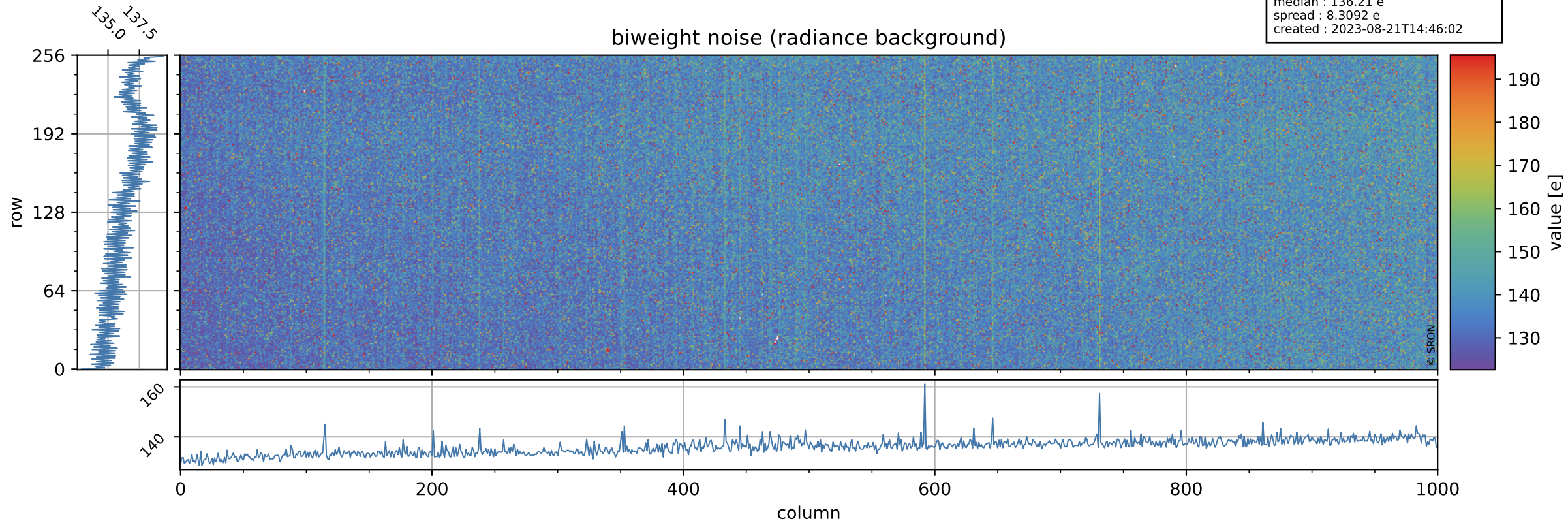
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.3092 e
created : 2023-08-21T14:46:02

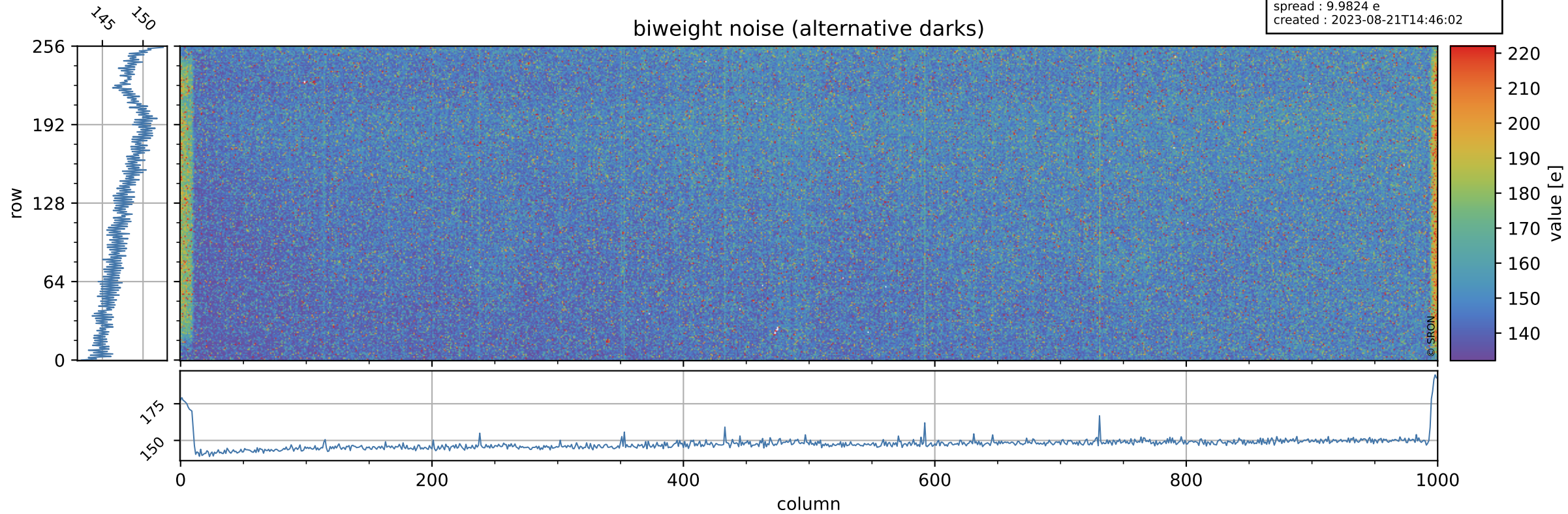
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9824 e
created : 2023-08-21T14:46:02

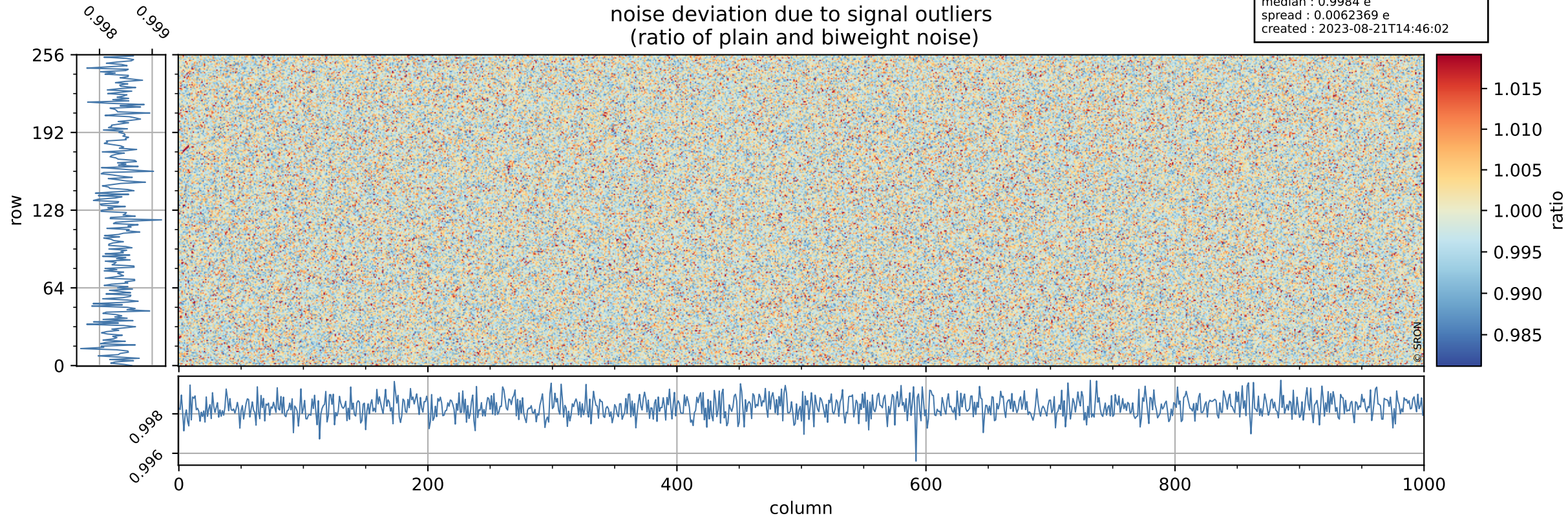
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

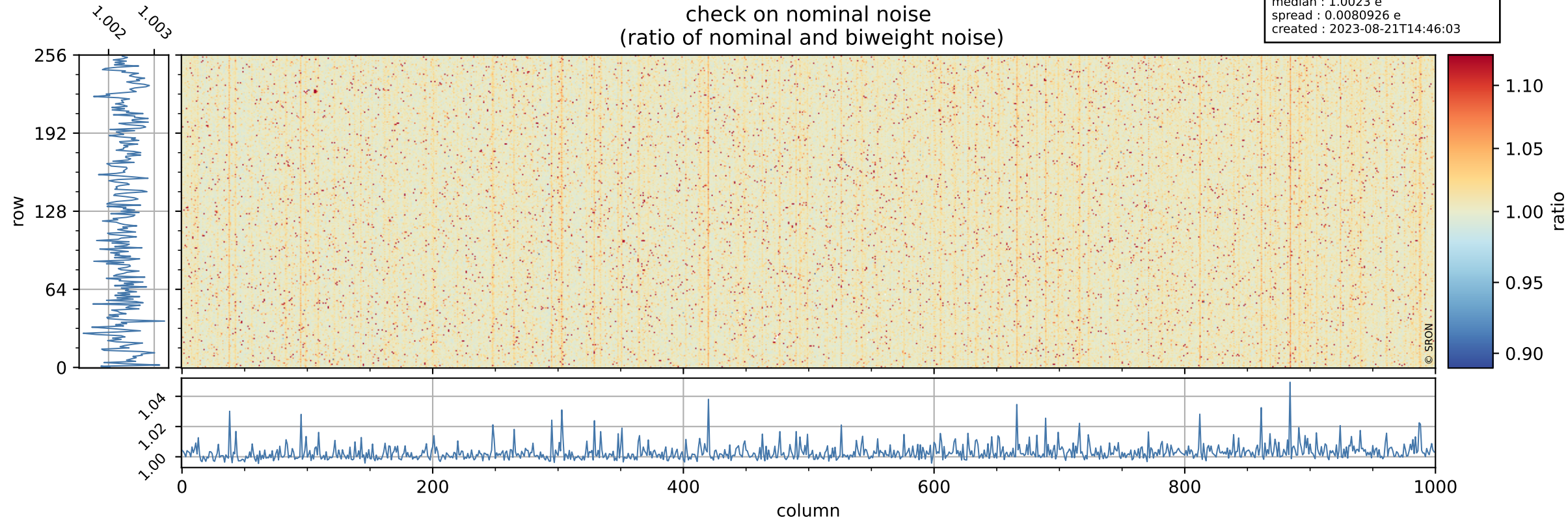
orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
median : 0.9984 e
spread : 0.0062369 e
created : 2023-08-21T14:46:02



Tropomi SWIR background noise (swir)

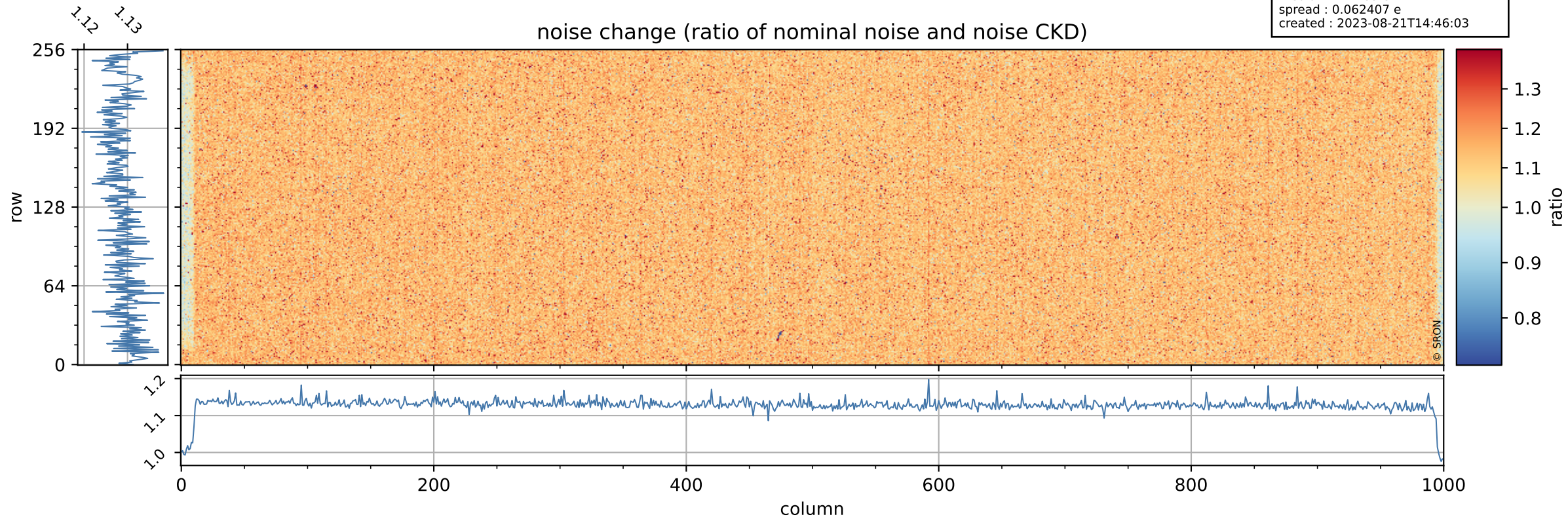
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
median : 1.0023 e
spread : 0.0080926 e
created : 2023-08-21T14:46:03



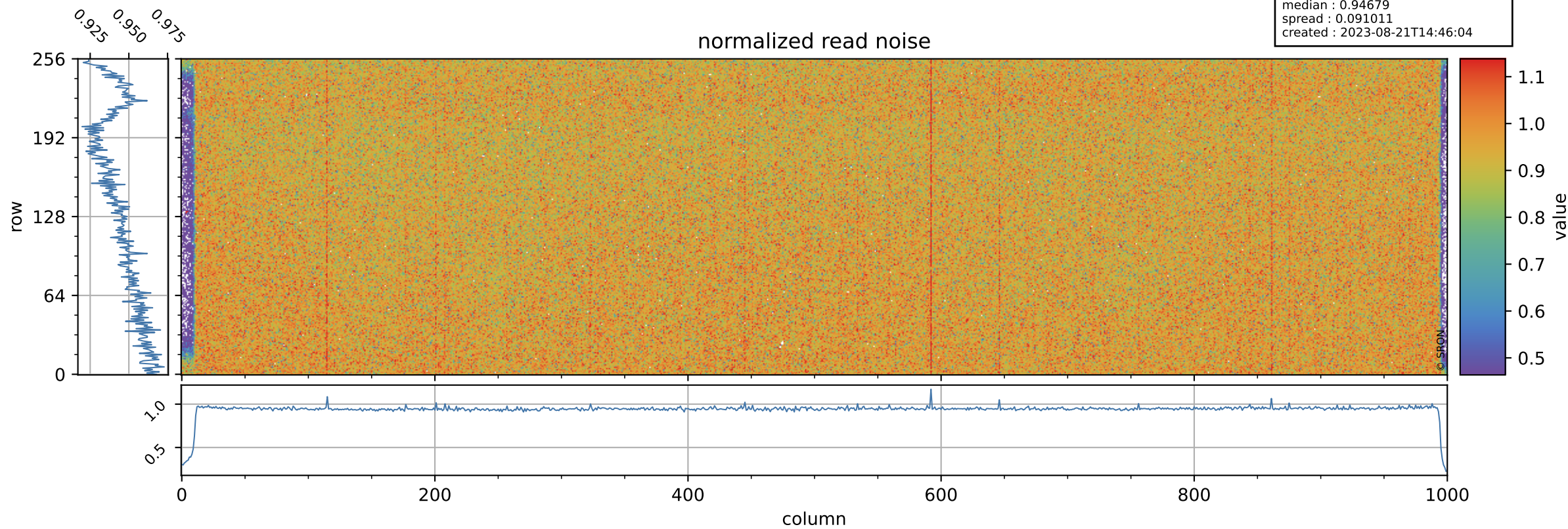
Tropomi SWIR background noise (swir)

orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
median : 1.1285 e
spread : 0.062407 e
created : 2023-08-21T14:46:03



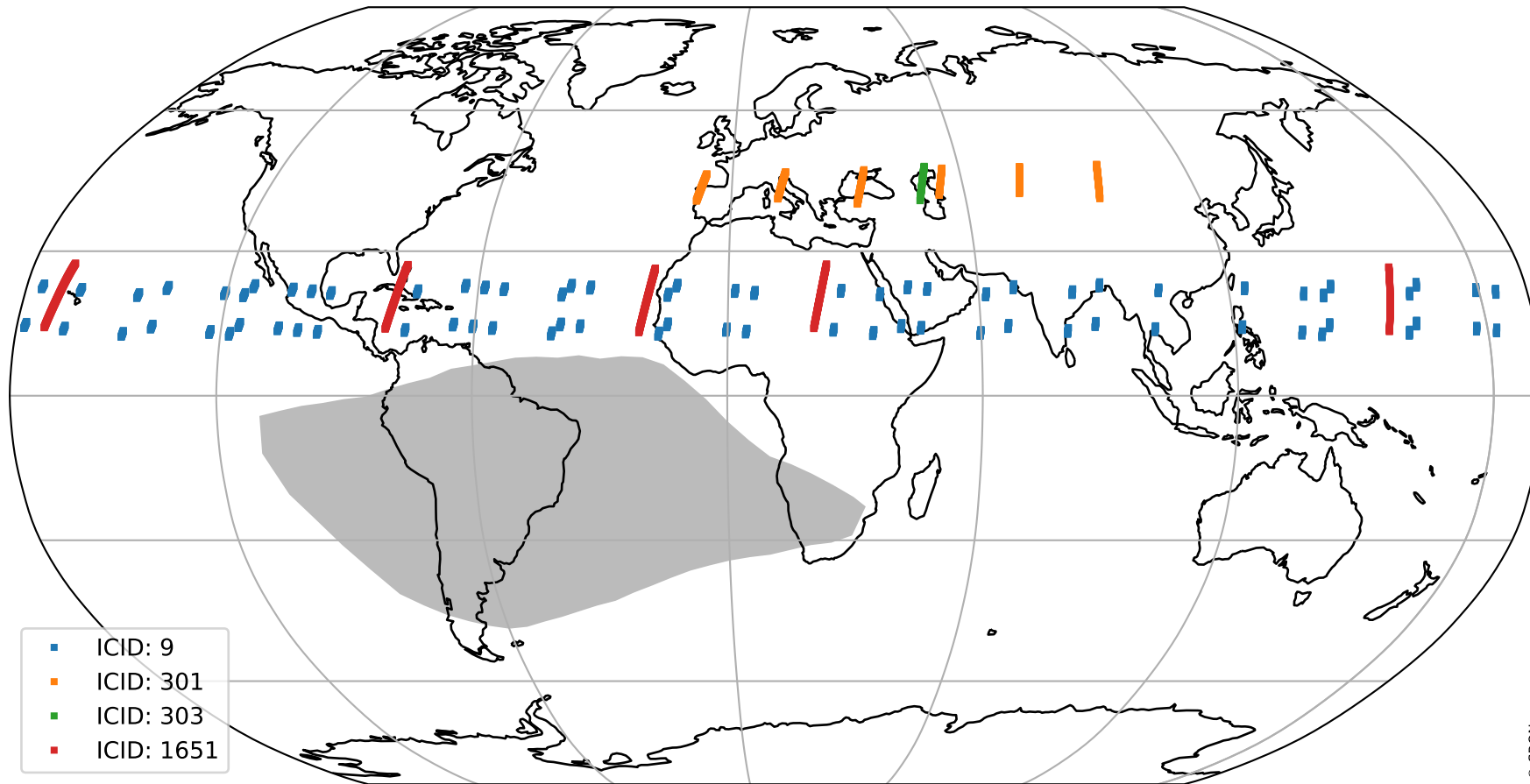
Tropomi SWIR background noise (swir)

orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
median : 0.94679
spread : 0.091011
created : 2023-08-21T14:46:04



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

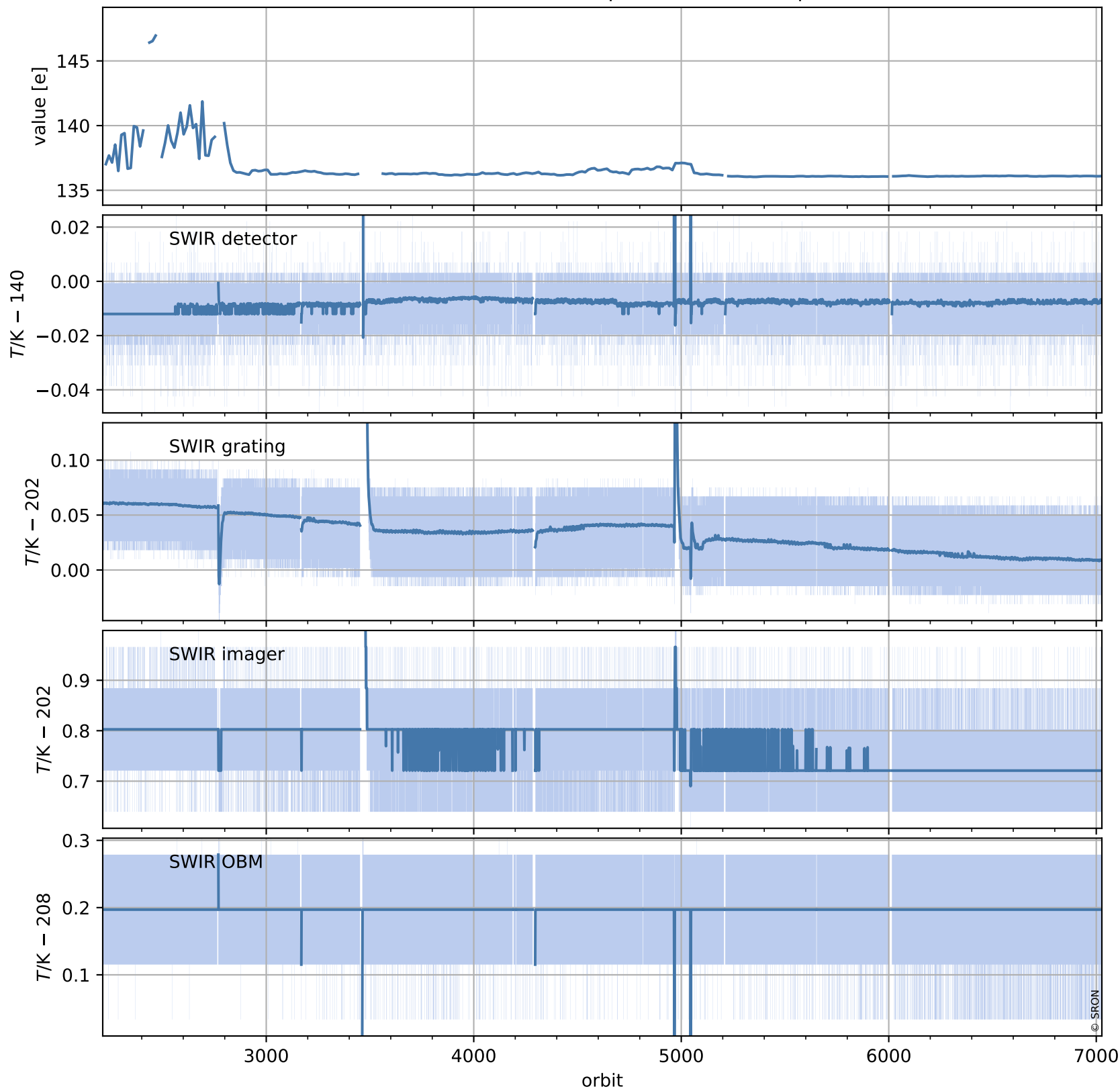
orbits : 12 in [6952, 7027]
coverage : 2019-02-14 / 2019-02-20
created : 2023-08-21T14:46:04



Tropomi SWIR background noise (swir)

orbits : [2212, 7027]
coverage : 2018-03-18 / 2019-02-20
created : 2023-08-21T14:46:05

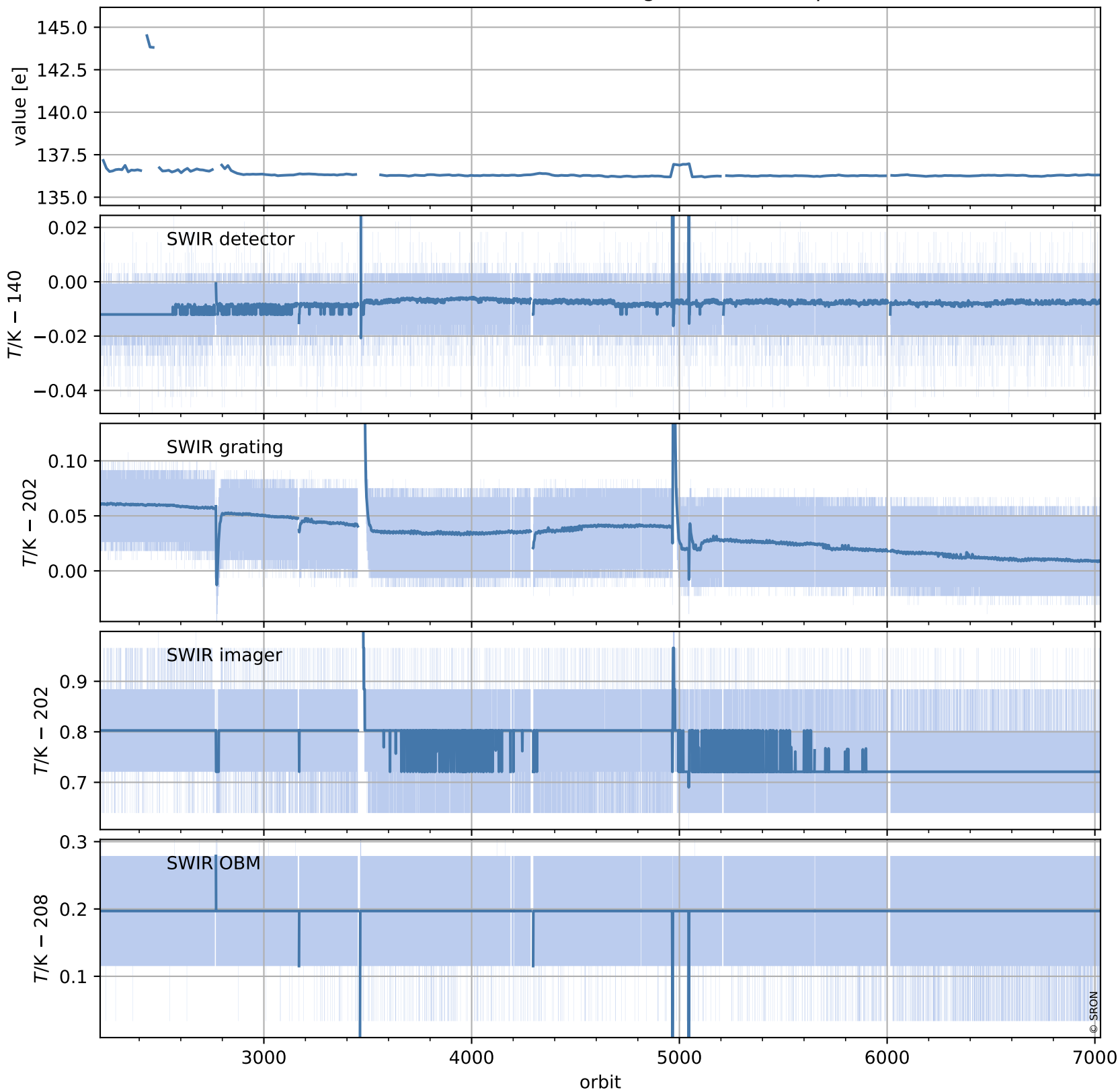
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7027]
coverage : 2018-03-18 / 2019-02-20
created : 2023-08-21T14:46:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7027]
coverage : 2018-03-18 / 2019-02-20
created : 2023-08-21T14:46:06

trend of normalized read-noise & temperatures

