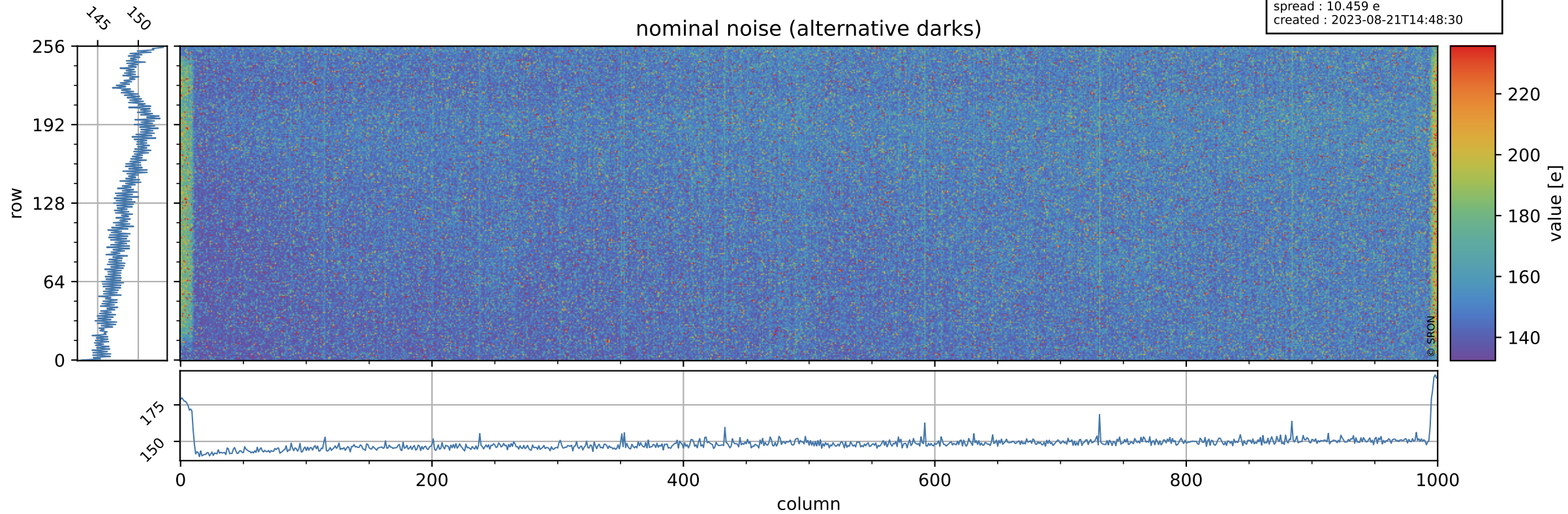


Tropomi SWIR background noise (swir)

orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.459 e
created : 2023-08-21T14:48:30

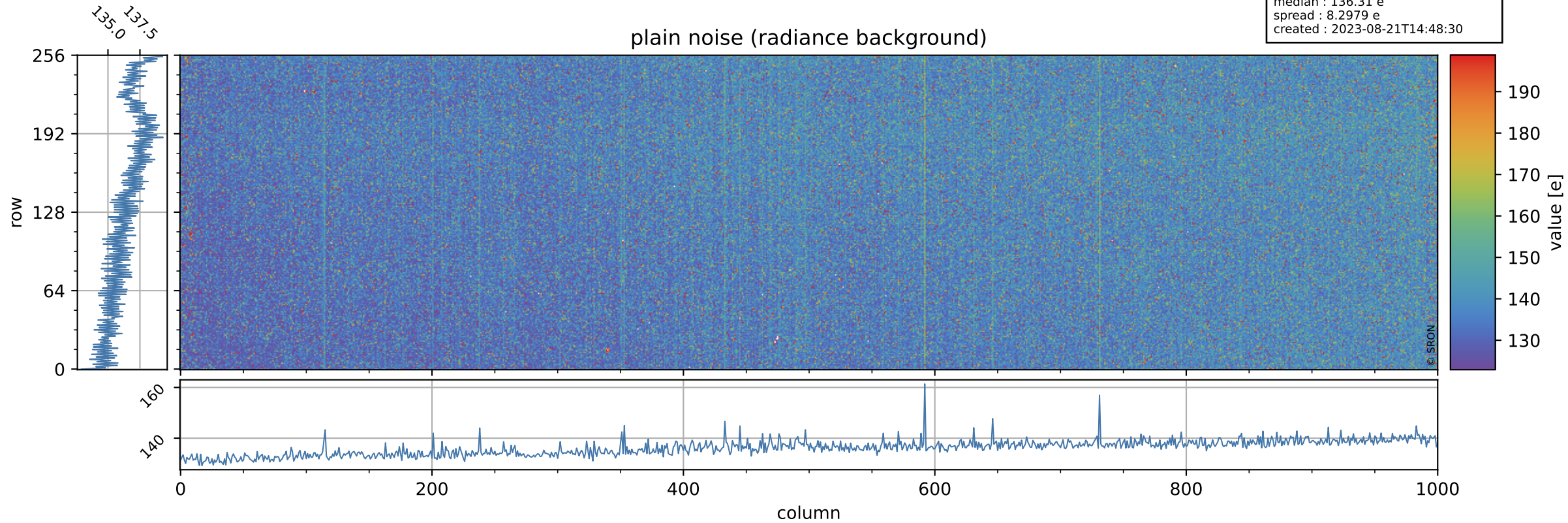
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
n_coad, t_exp : 2, 0.5383
median : 136.31 e
spread : 8.2979 e
created : 2023-08-21T14:48:30

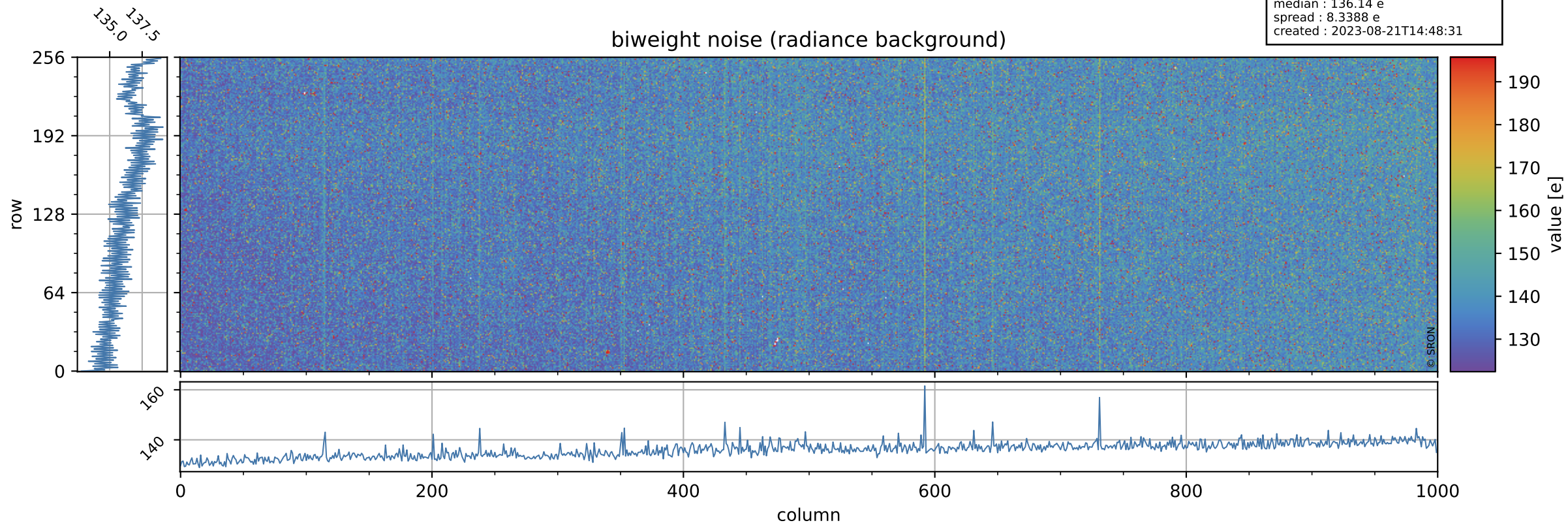
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.3388 e
created : 2023-08-21T14:48:31

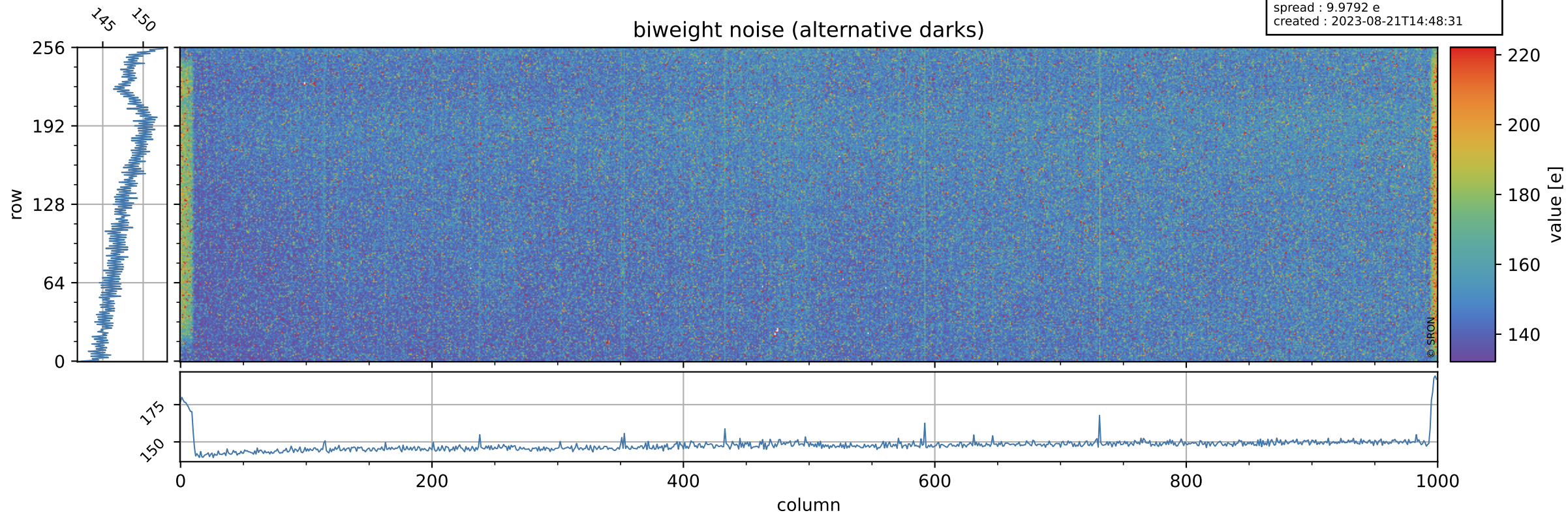
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9792 e
created : 2023-08-21T14:48:31

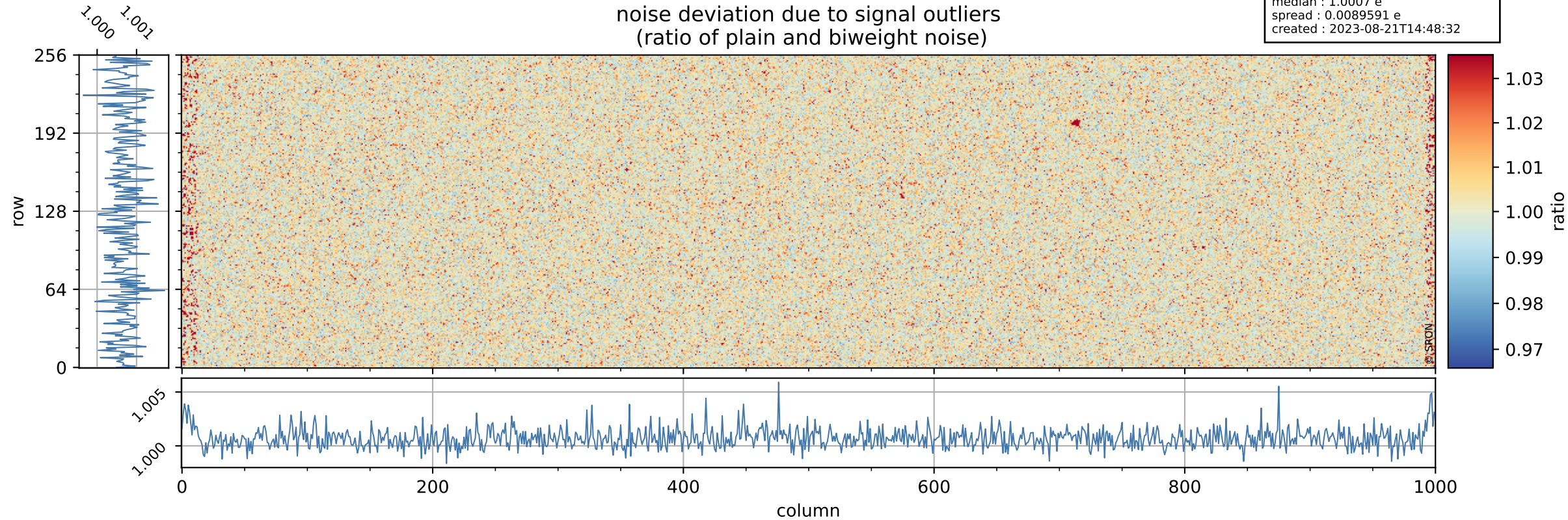
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

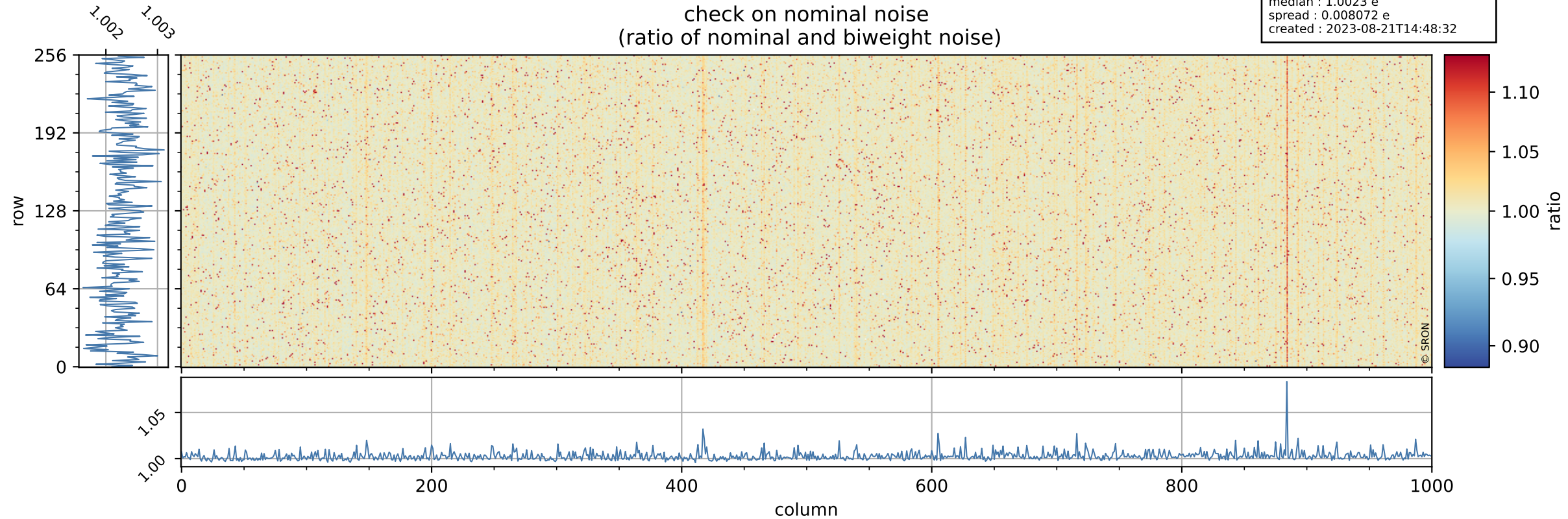
orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
median : 1.0007 e
spread : 0.0089591 e
created : 2023-08-21T14:48:32



Tropomi SWIR background noise (swir)

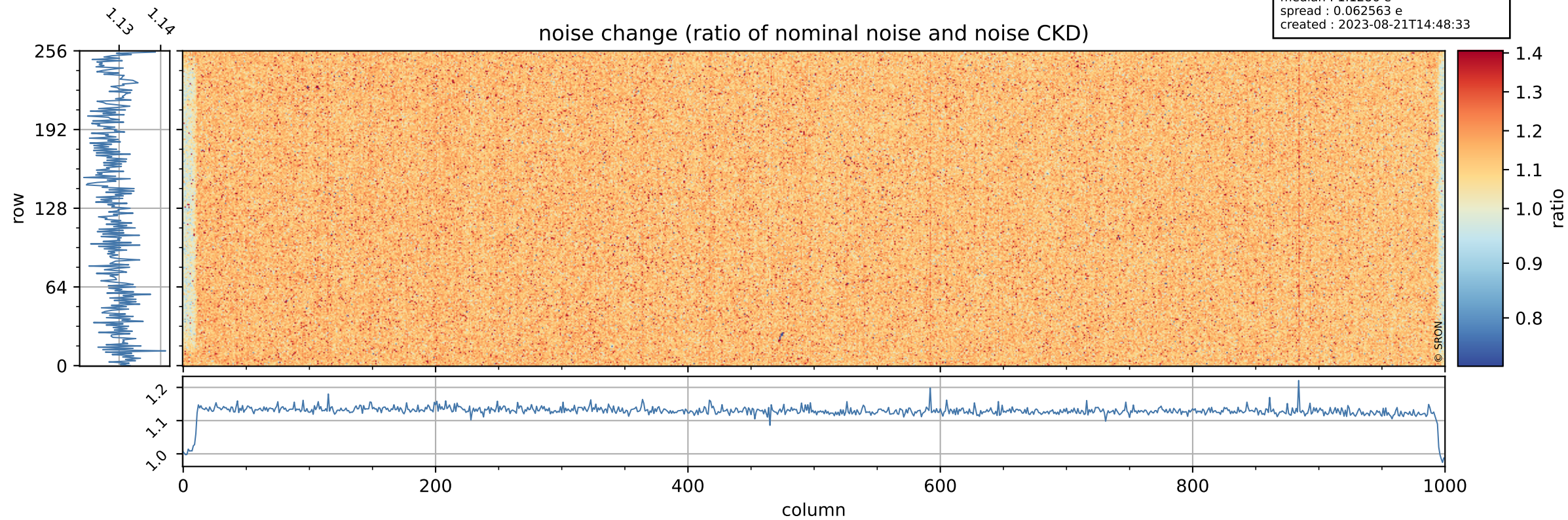
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
median : 1.0023 e
spread : 0.008072 e
created : 2023-08-21T14:48:32



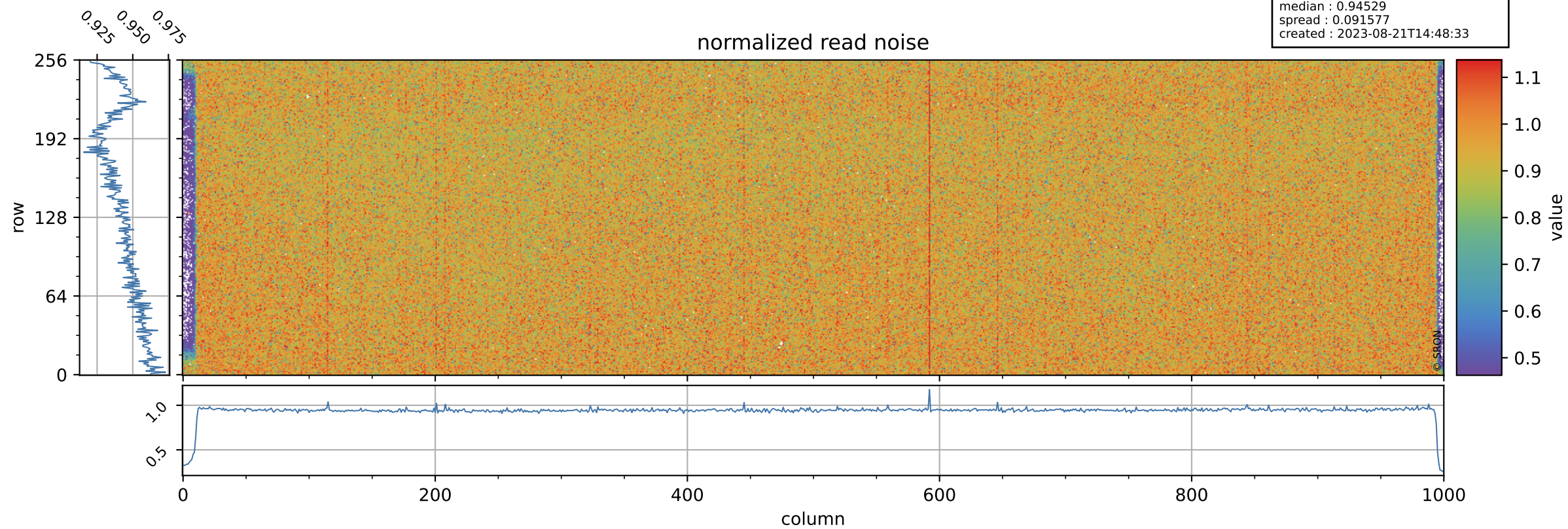
Tropomi SWIR background noise (swir)

orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
median : 1.1286 e
spread : 0.062563 e
created : 2023-08-21T14:48:33



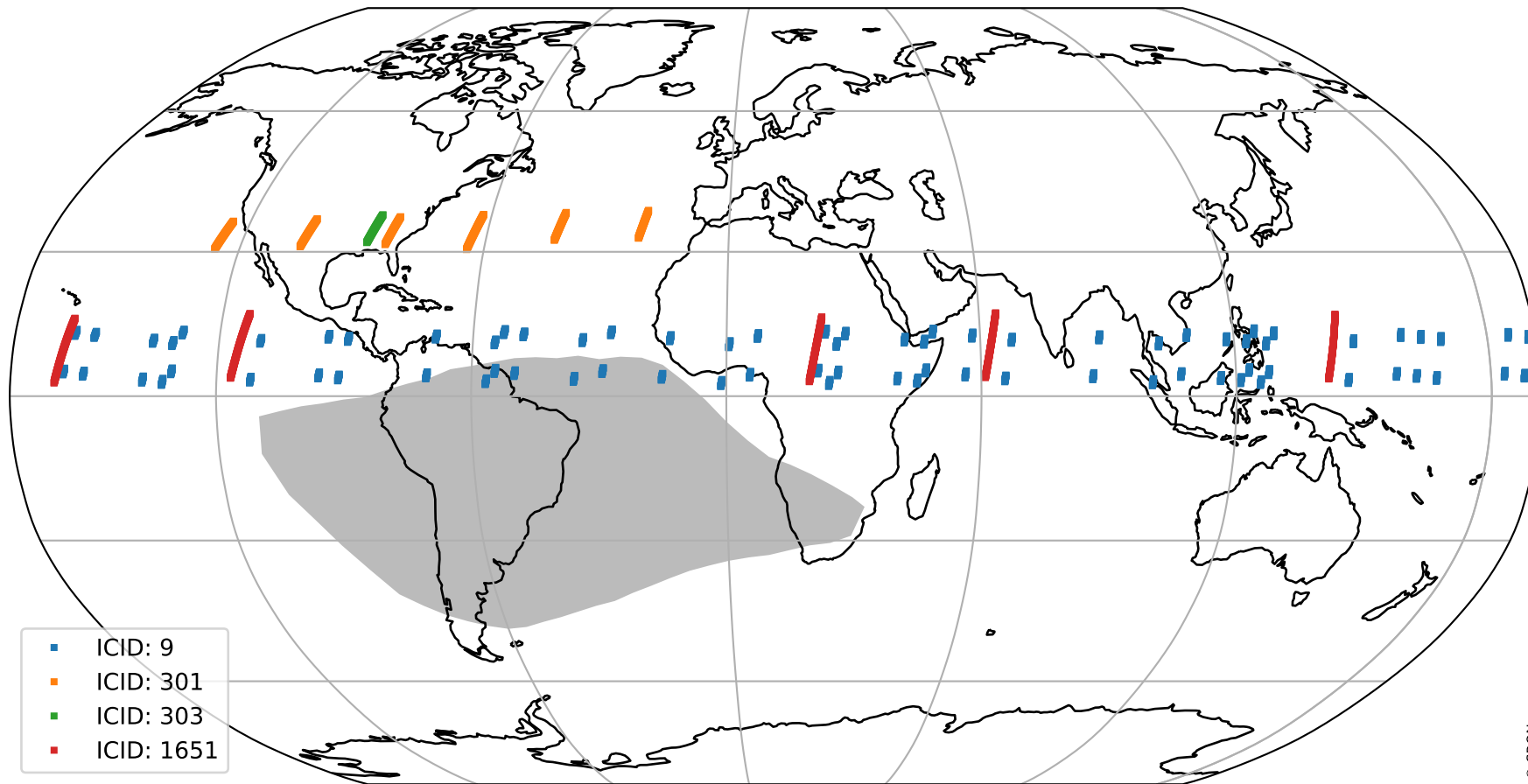
Tropomi SWIR background noise (swir)

orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
median : 0.94529
spread : 0.091577
created : 2023-08-21T14:48:33



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

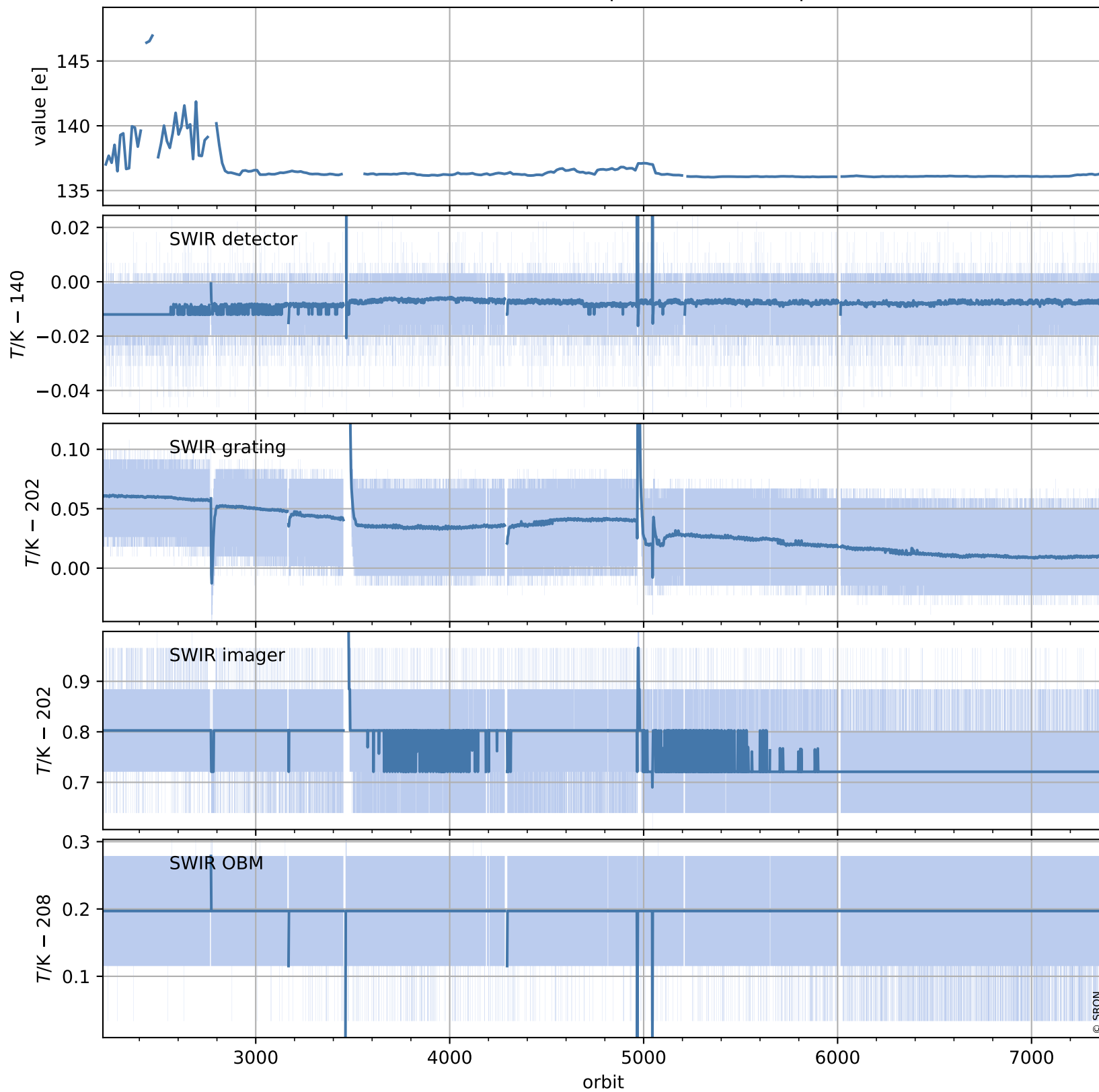
orbits : 12 in [7282, 7372]
coverage : 2019-03-11 / 2019-03-16
created : 2023-08-21T14:48:34



Tropomi SWIR background noise (swir)

orbits : [2212, 7372]
coverage : 2018-03-18 / 2019-03-16
created : 2023-08-21T14:48:34

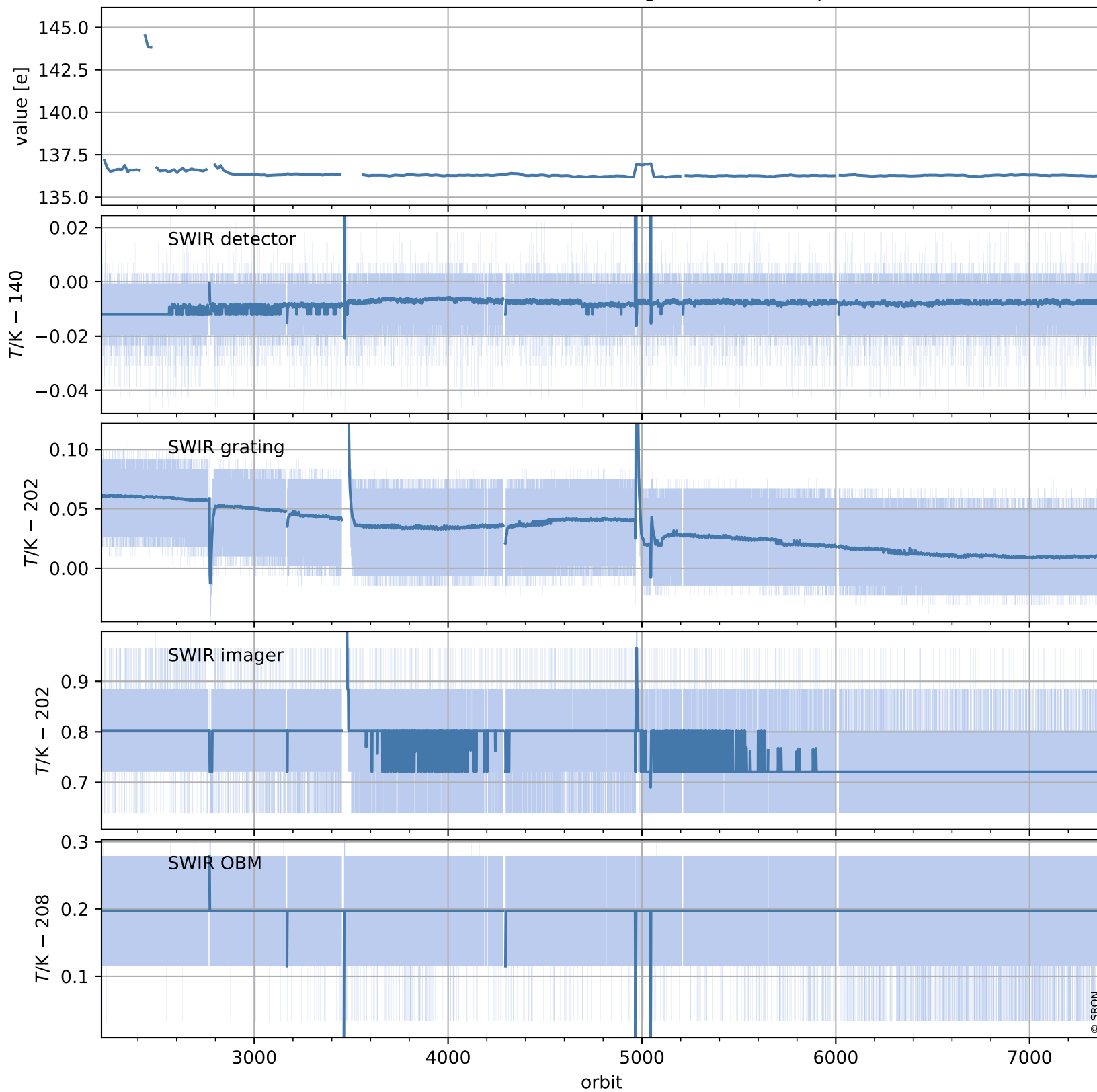
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7372]
coverage : 2018-03-18 / 2019-03-16
created : 2023-08-21T14:48:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7372]
coverage : 2018-03-18 / 2019-03-16
created : 2023-08-21T14:48:36

trend of normalized read-noise & temperatures

