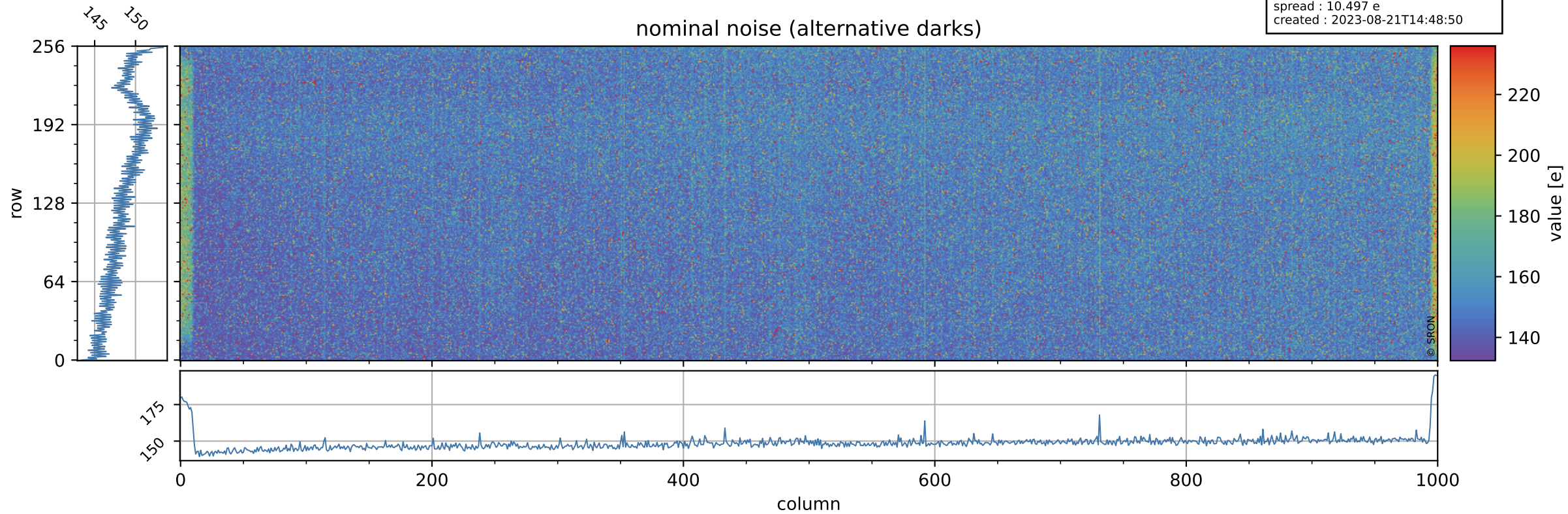


Tropomi SWIR background noise (swir)

orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.497 e
created : 2023-08-21T14:48:50

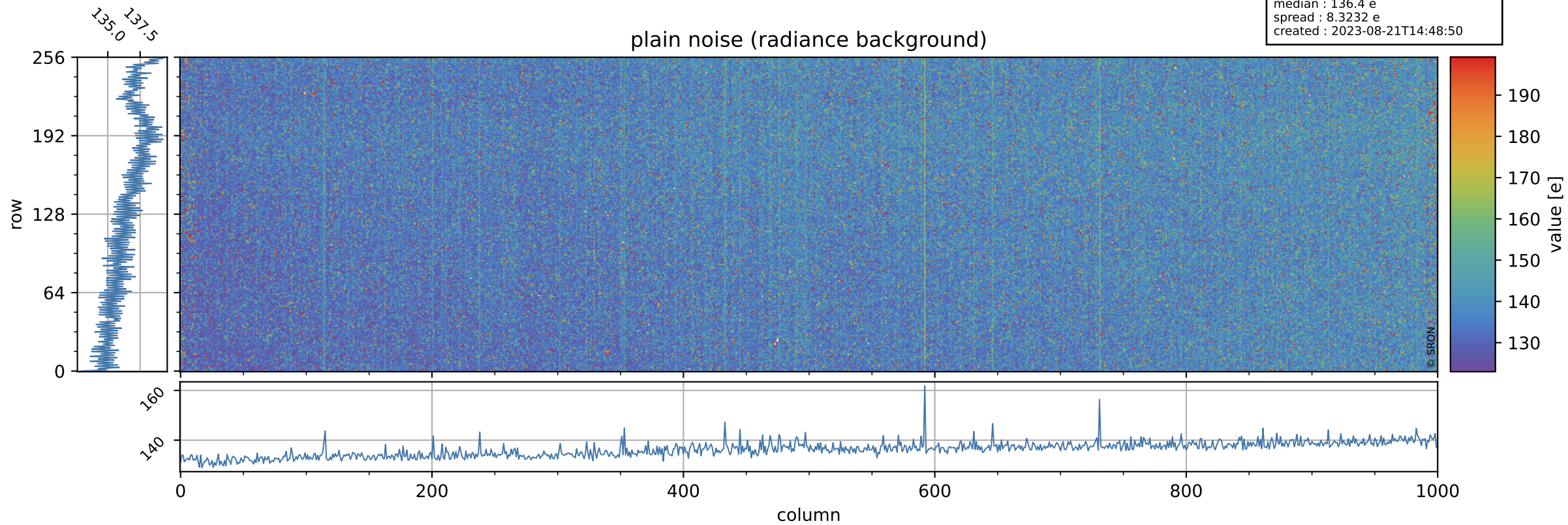
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
n_coad, t_exp : 2, 0.5383
median : 136.4 e
spread : 8.3232 e
created : 2023-08-21T14:48:50

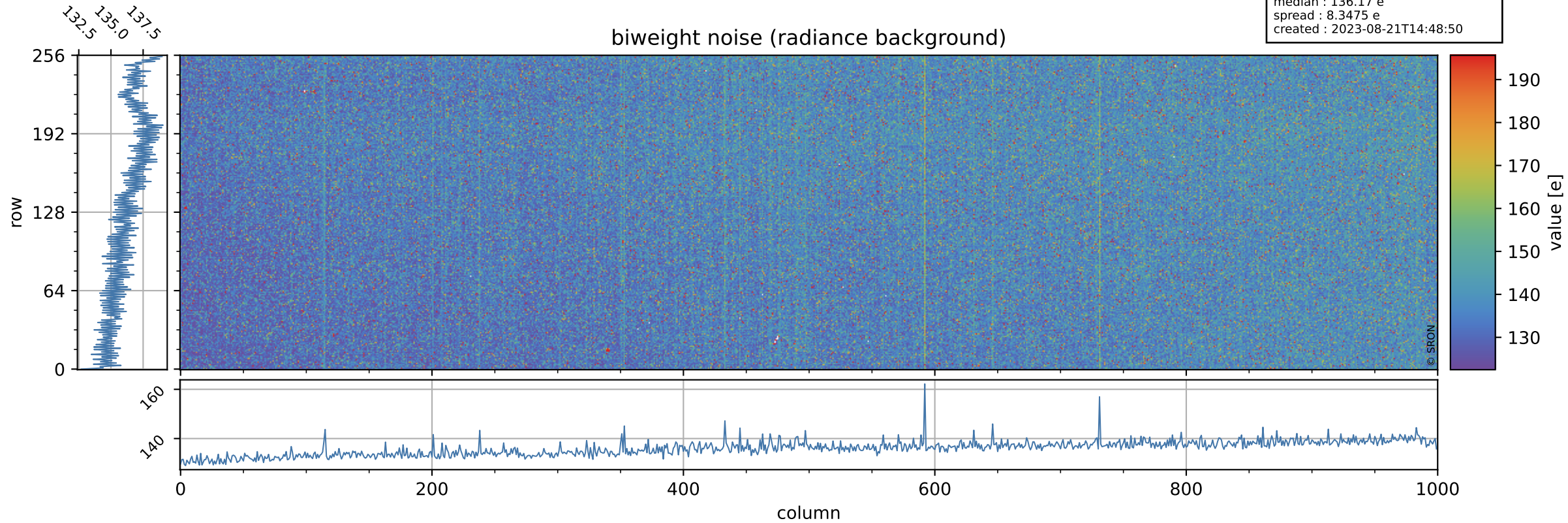
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3475 e
created : 2023-08-21T14:48:50

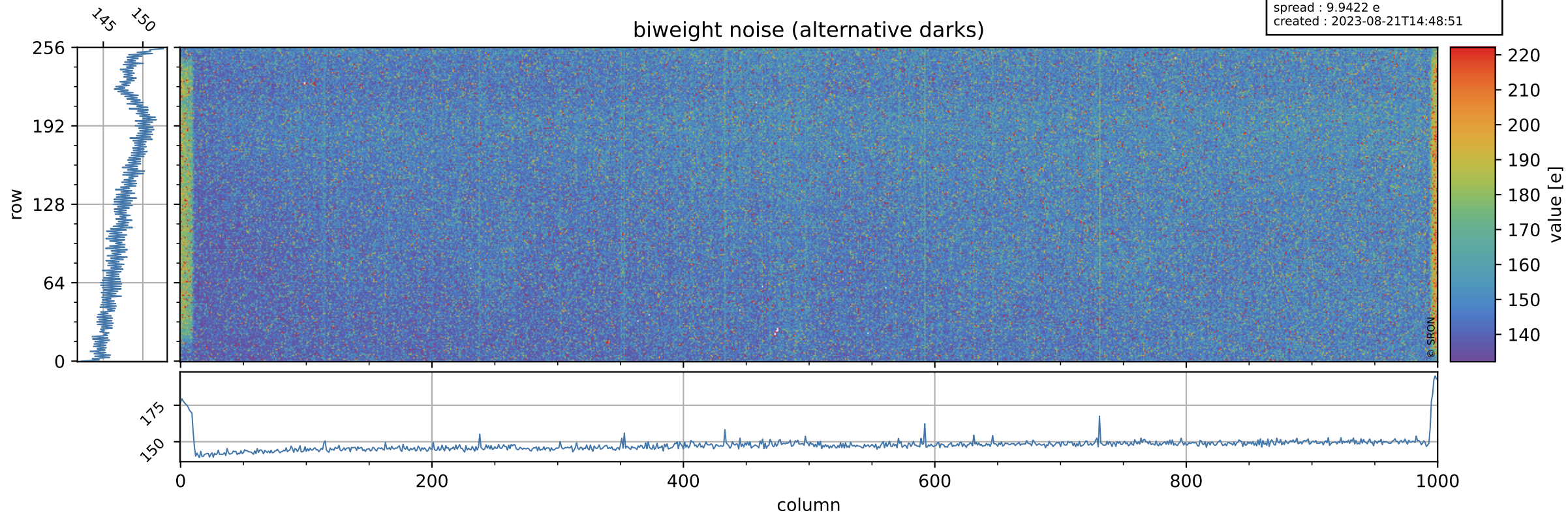
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.9422 e
created : 2023-08-21T14:48:51

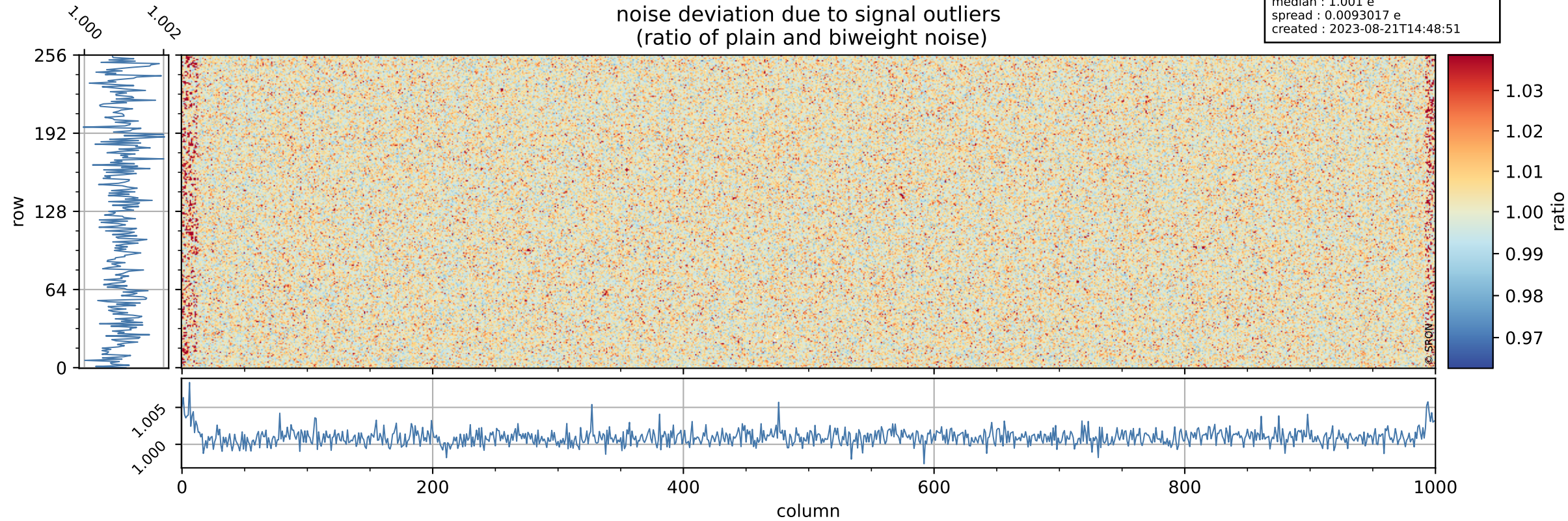
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

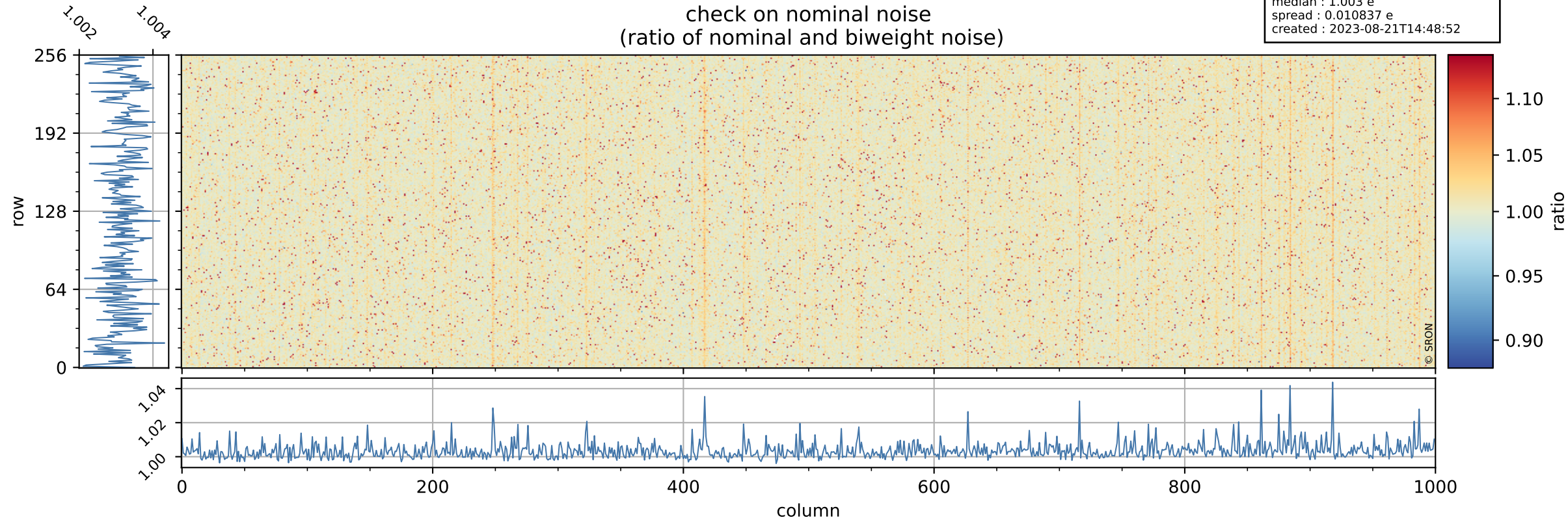
orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
median : 1.001 e
spread : 0.0093017 e
created : 2023-08-21T14:48:51



Tropomi SWIR background noise (swir)

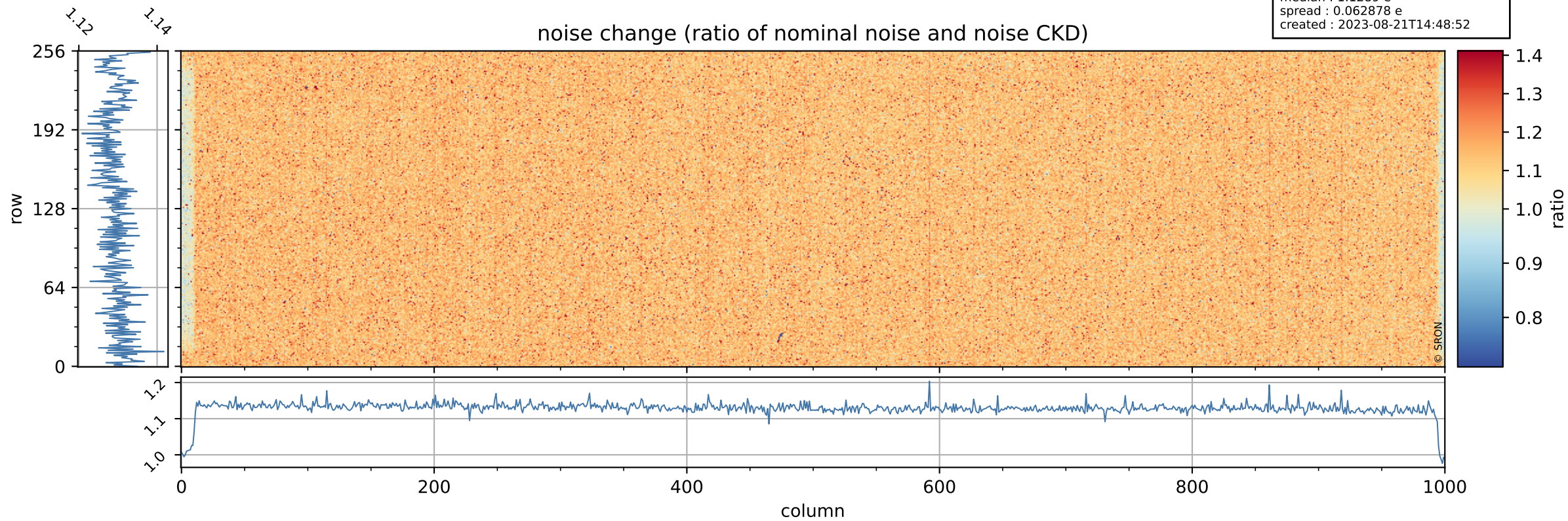
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
median : 1.003 e
spread : 0.010837 e
created : 2023-08-21T14:48:52



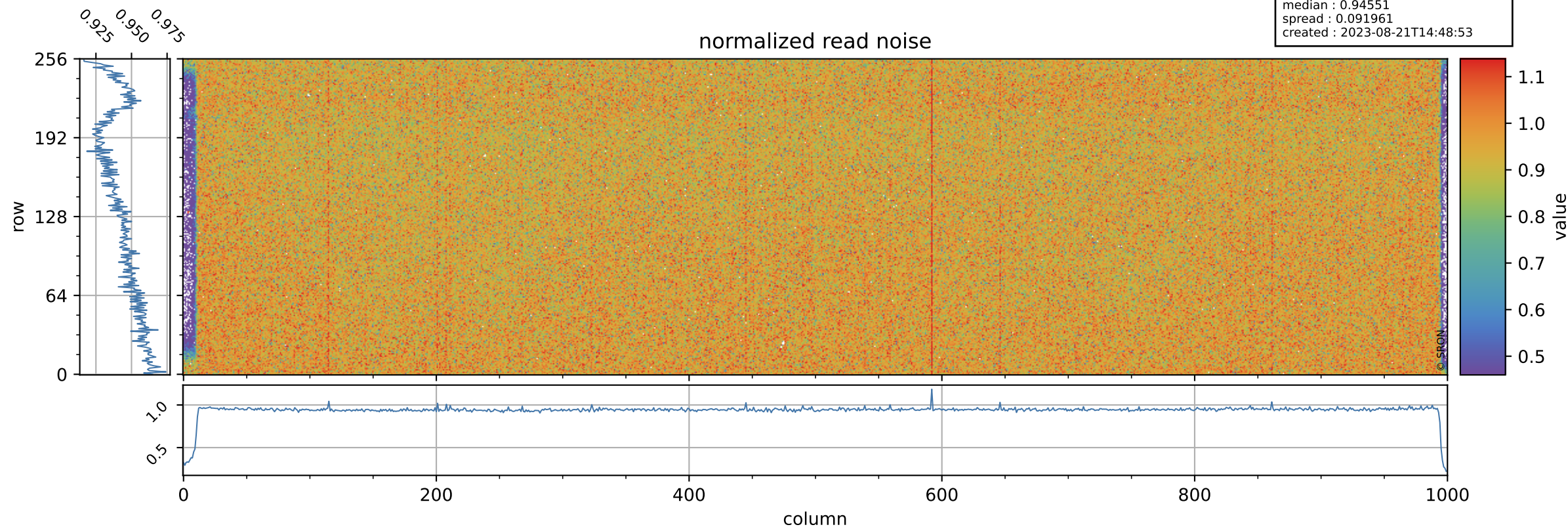
Tropomi SWIR background noise (swir)

orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
median : 1.1289 e
spread : 0.062878 e
created : 2023-08-21T14:48:52



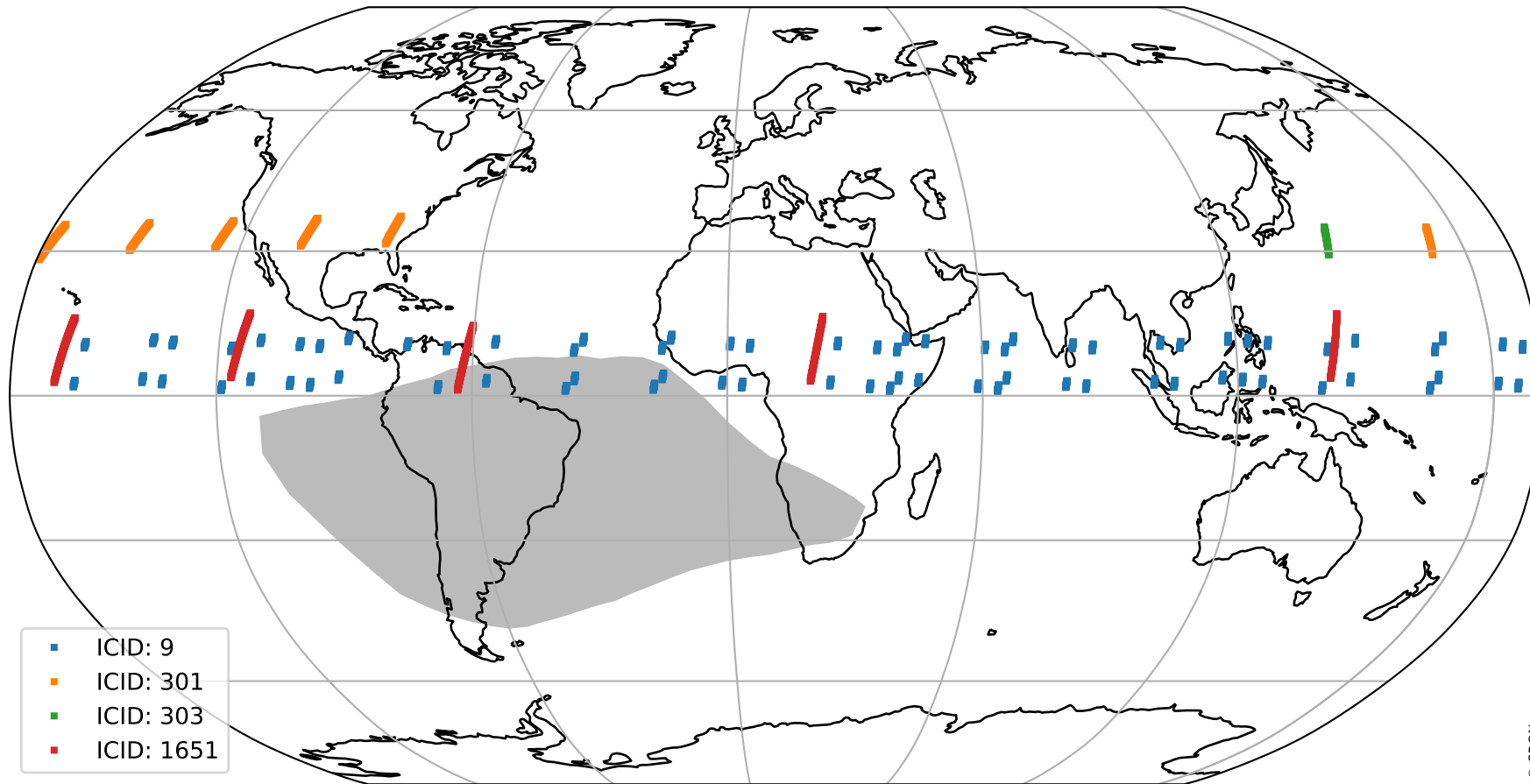
Tropomi SWIR background noise (swir)

orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
median : 0.94551
spread : 0.091961
created : 2023-08-21T14:48:53



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

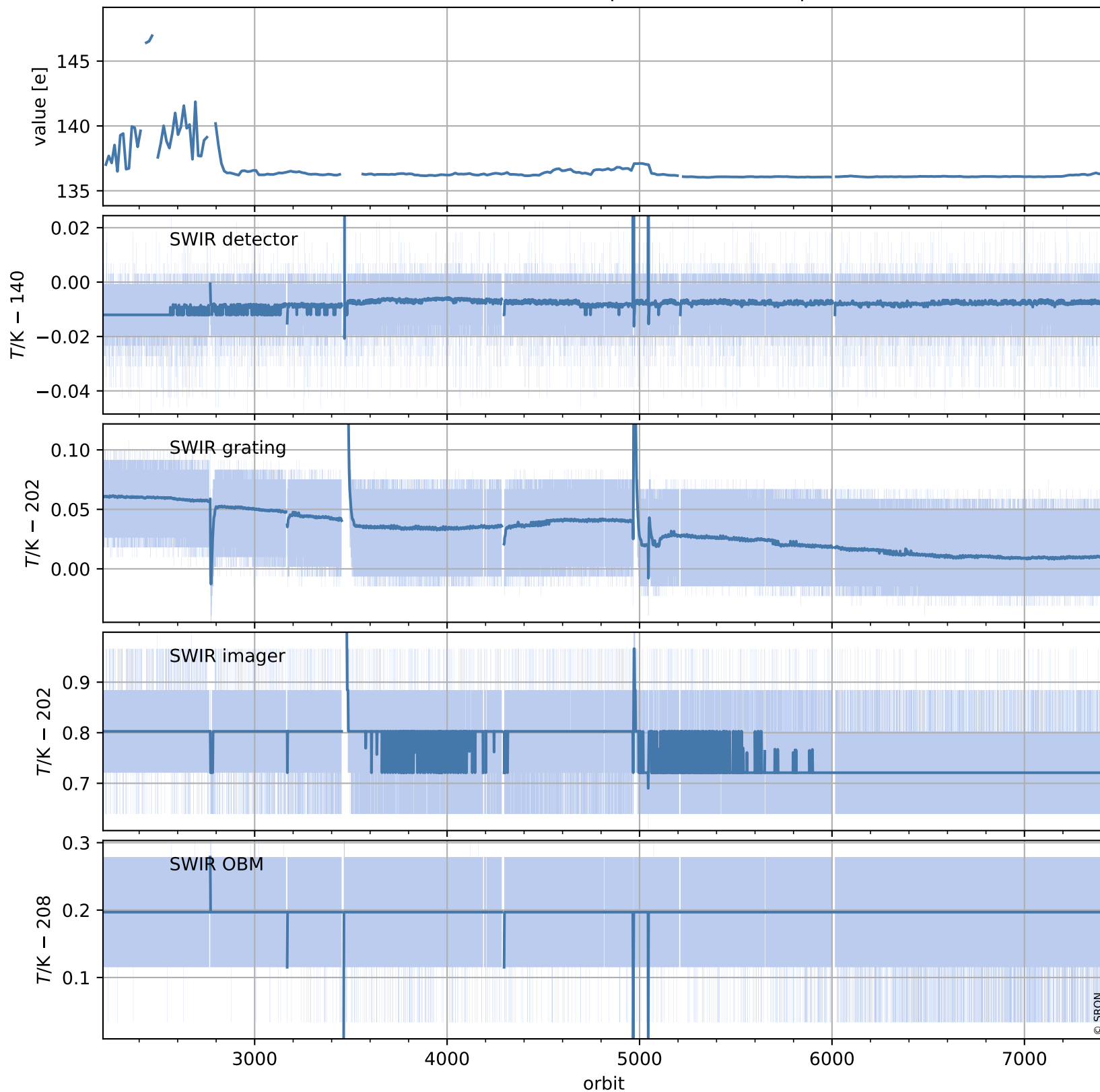
orbits : 12 in [7327, 7417]
coverage : 2019-03-14 / 2019-03-20
created : 2023-08-21T14:48:53



Tropomi SWIR background noise (swir)

orbits : [2212, 7417]
coverage : 2018-03-18 / 2019-03-20
created : 2023-08-21T14:48:53

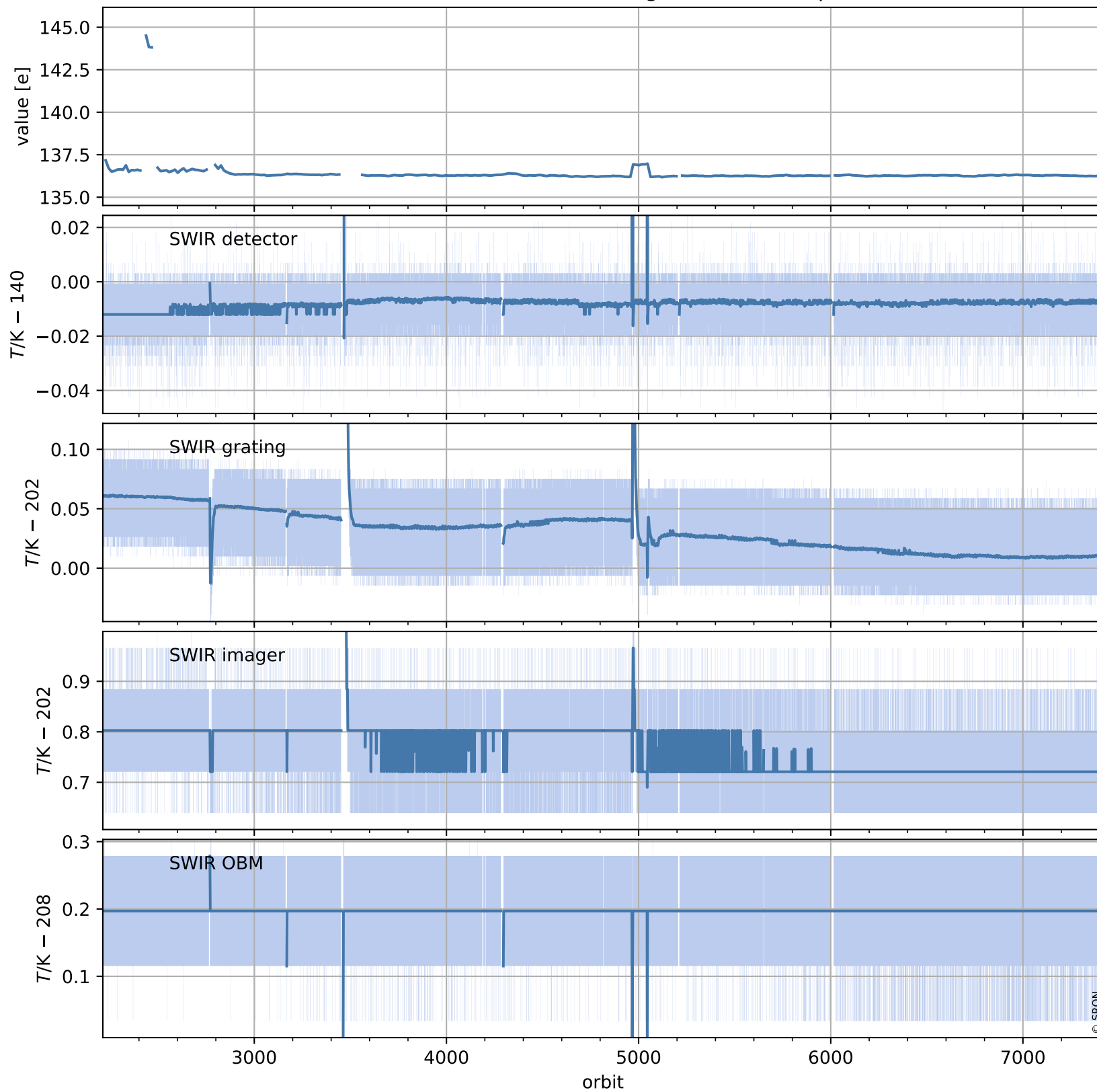
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7417]
coverage : 2018-03-18 / 2019-03-20
created : 2023-08-21T14:48:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7417]
coverage : 2018-03-18 / 2019-03-20
created : 2023-08-21T14:48:55

trend of normalized read-noise & temperatures

