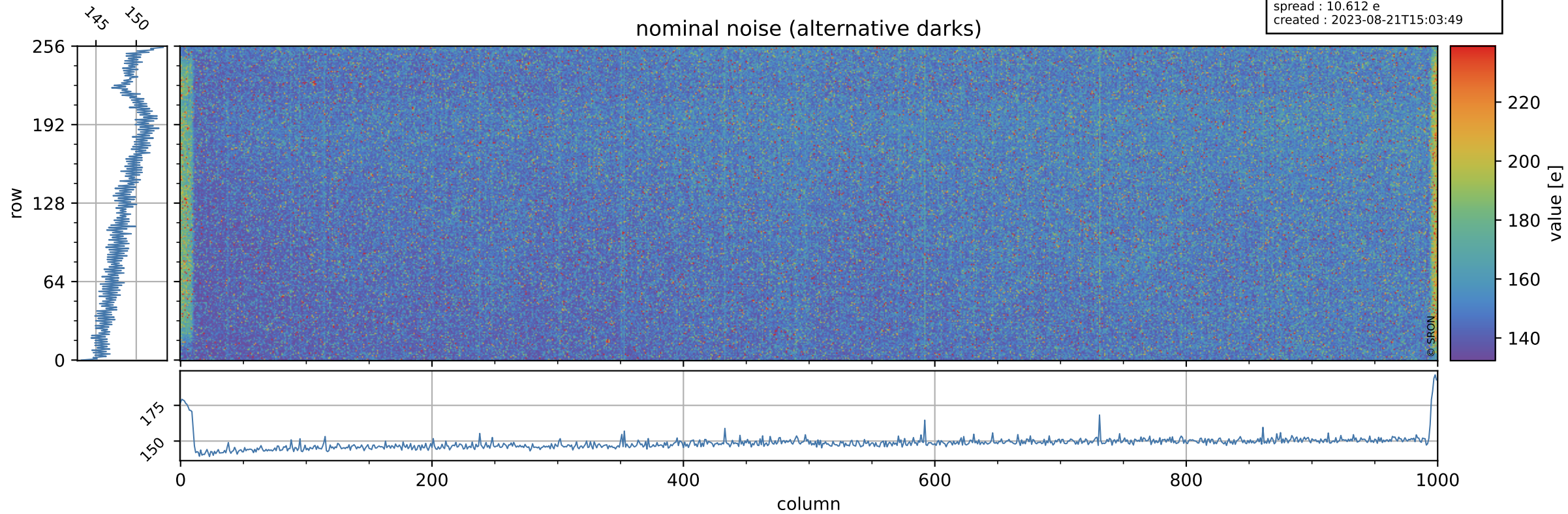


Tropomi SWIR background noise (swir)

orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
n_coad, t_exp : 1, 1.0783
median : 148.46 e
spread : 10.612 e
created : 2023-08-21T15:03:49

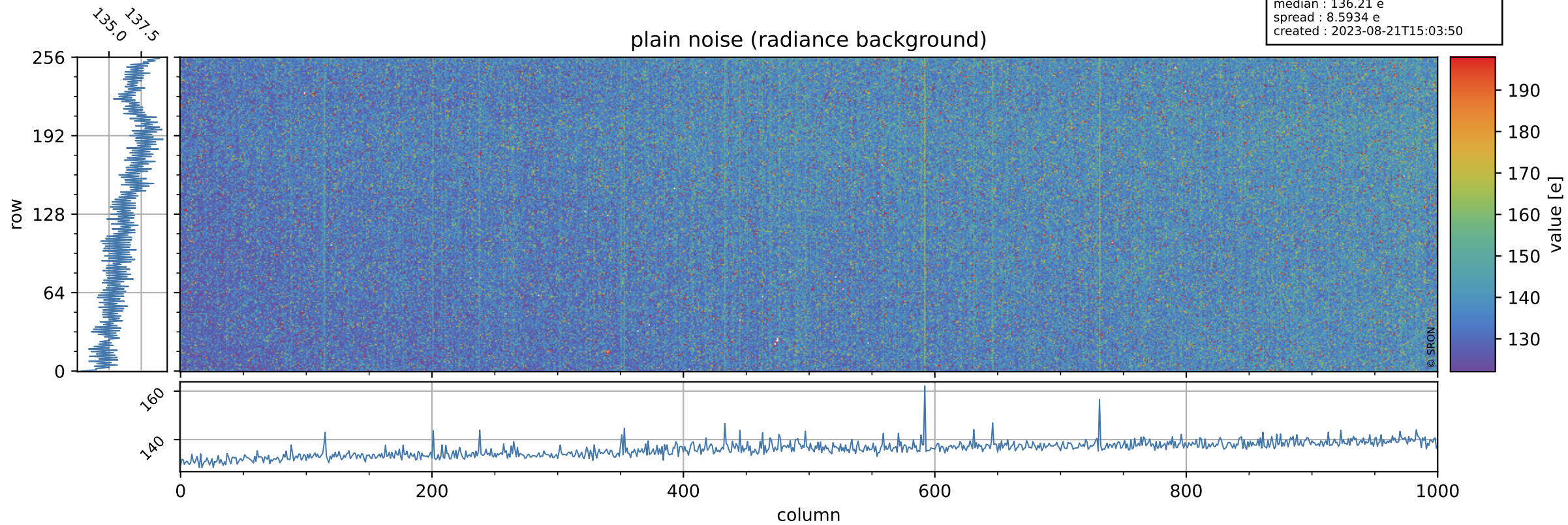
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5934 e
created : 2023-08-21T15:03:50

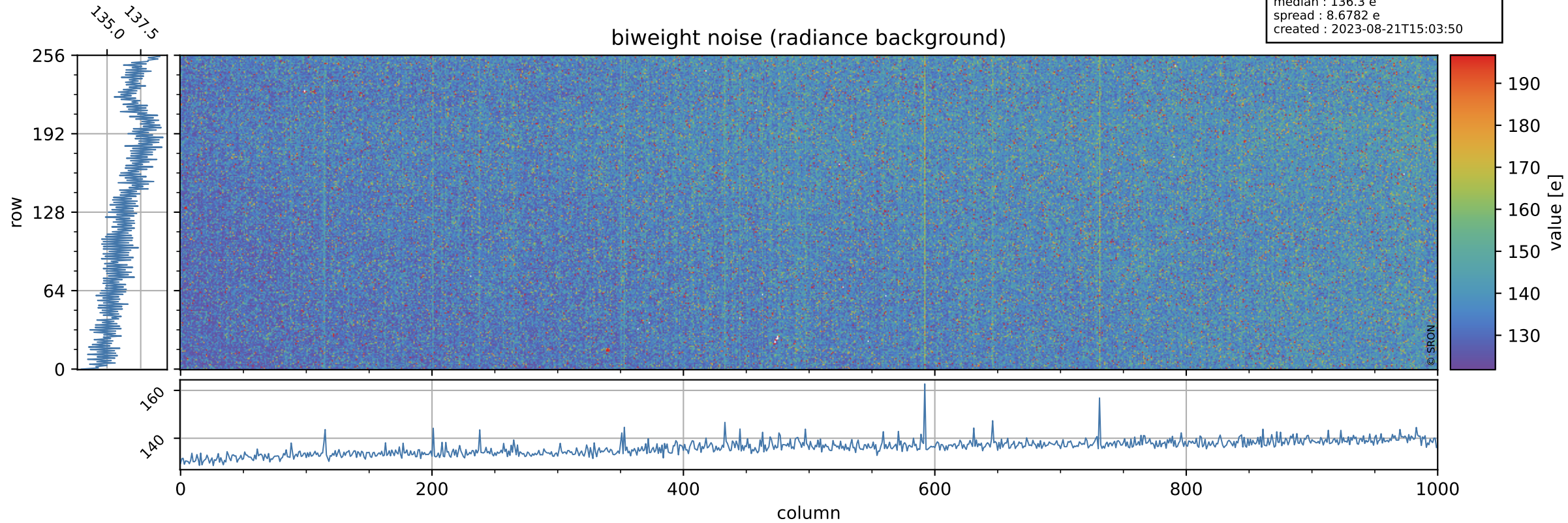
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
n_coad, t_exp : 2, 0.5383
median : 136.3 e
spread : 8.6782 e
created : 2023-08-21T15:03:50

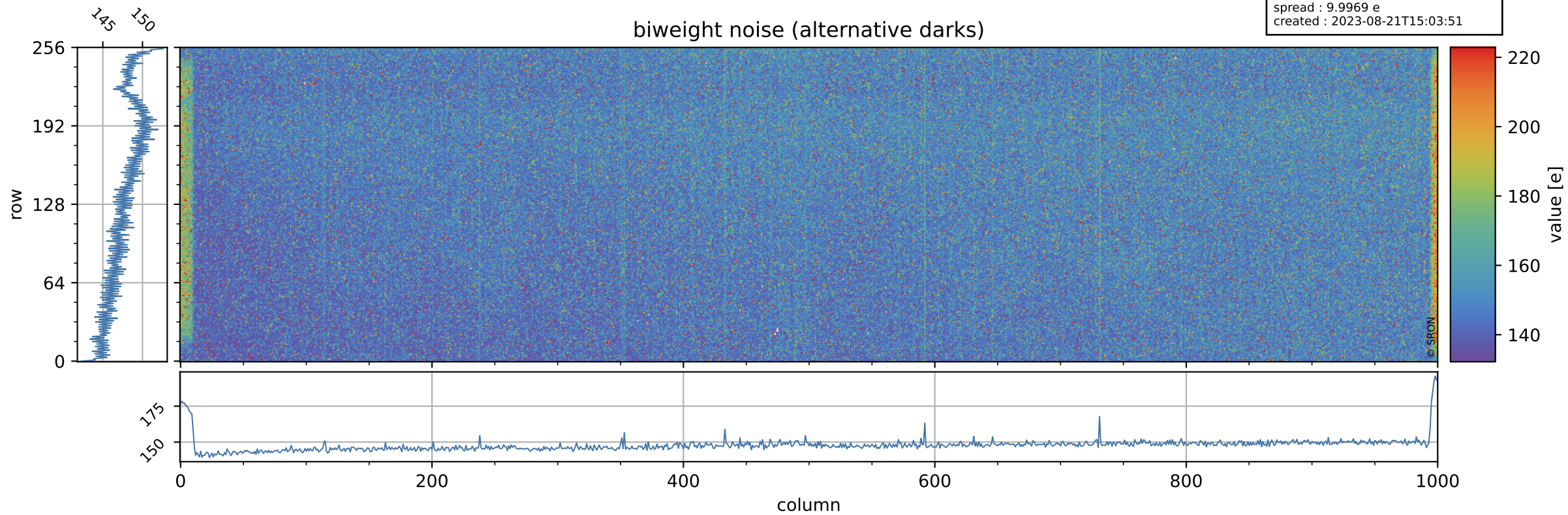
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 9.9969 e
created : 2023-08-21T15:03:51

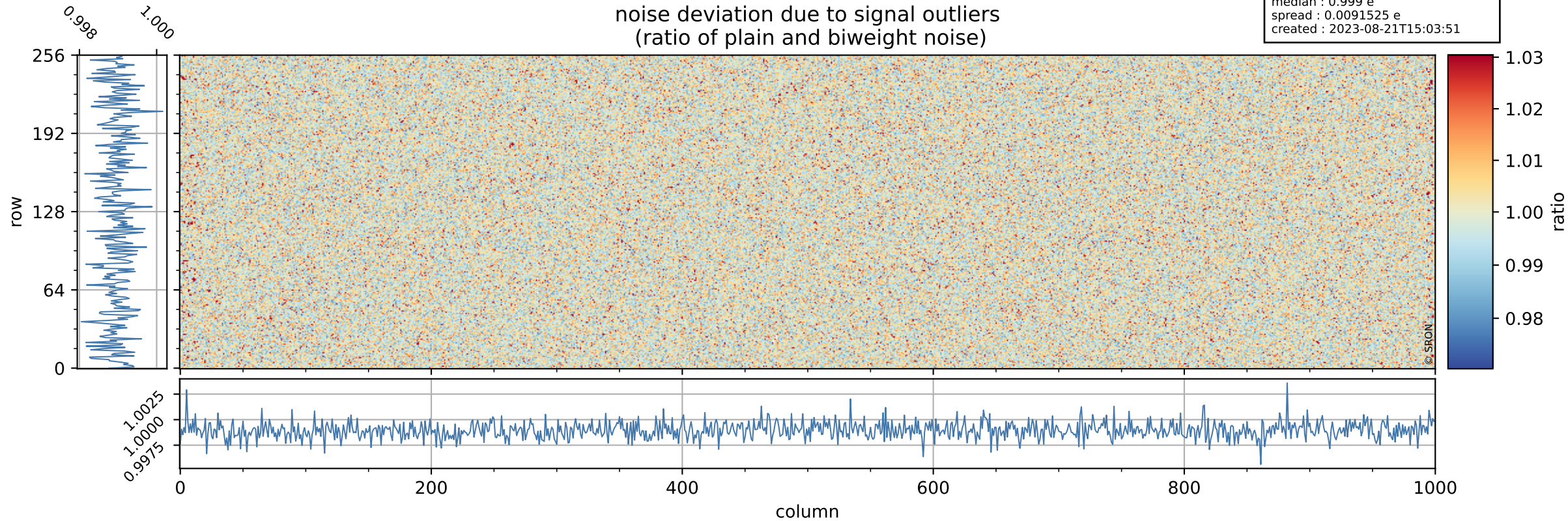
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

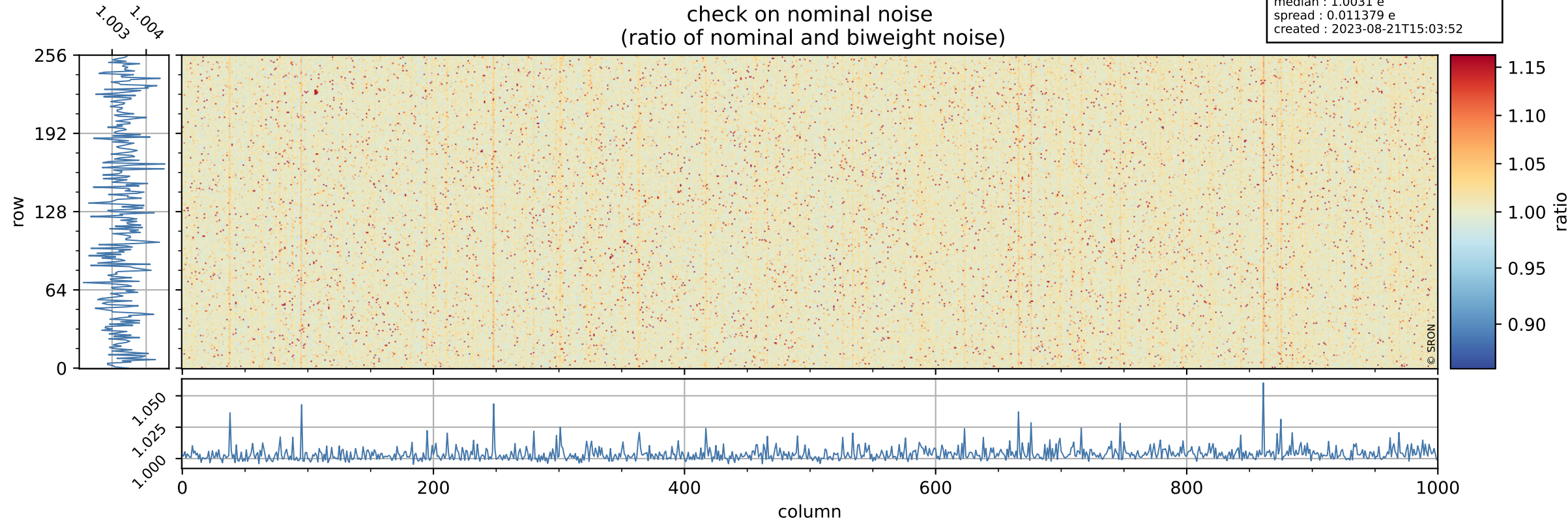
orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
median : 0.999 e
spread : 0.0091525 e
created : 2023-08-21T15:03:51



Tropomi SWIR background noise (swir)

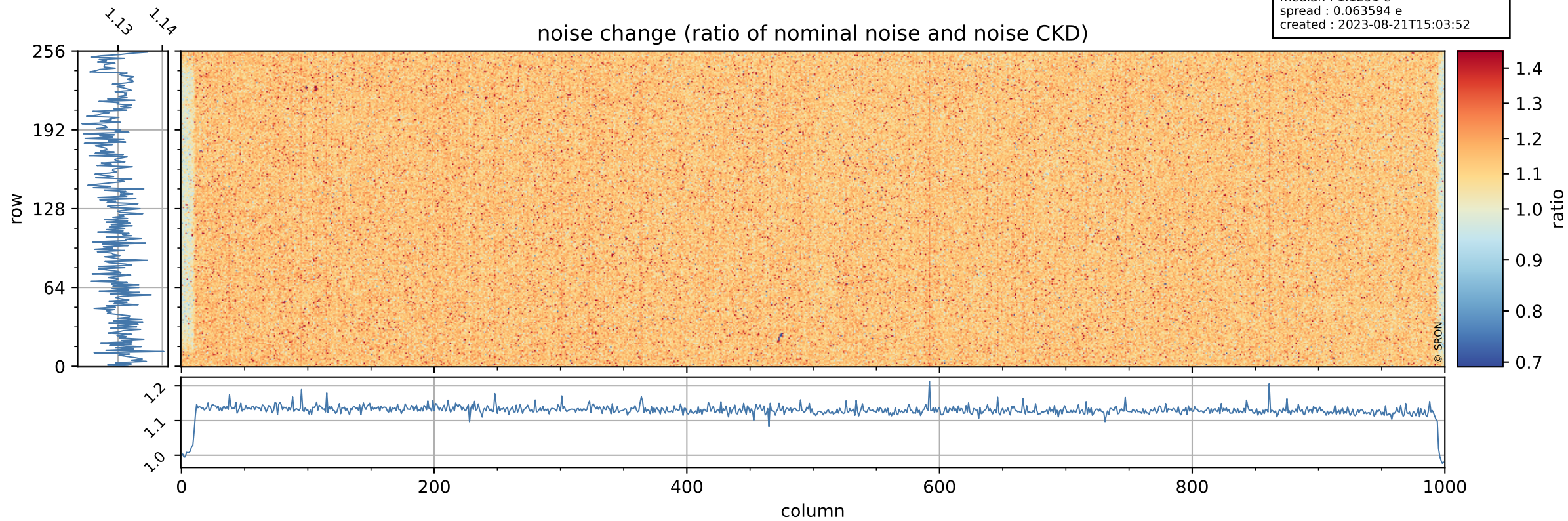
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
median : 1.0031 e
spread : 0.011379 e
created : 2023-08-21T15:03:52



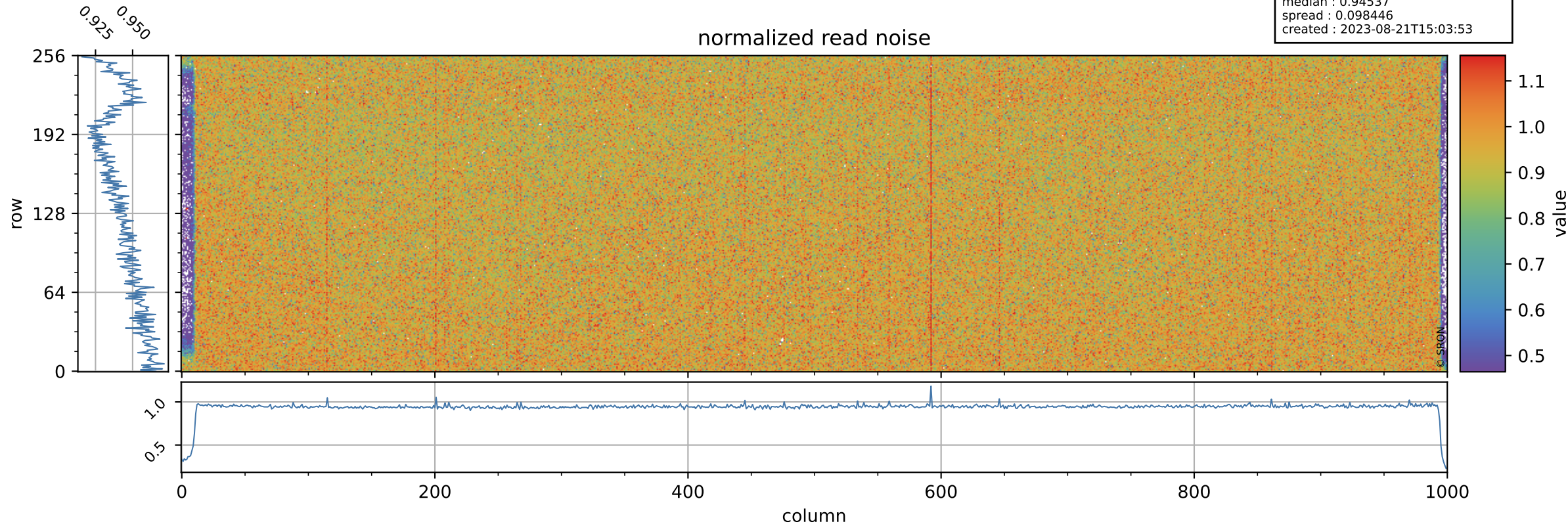
Tropomi SWIR background noise (swir)

orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
median : 1.1291 e
spread : 0.063594 e
created : 2023-08-21T15:03:52



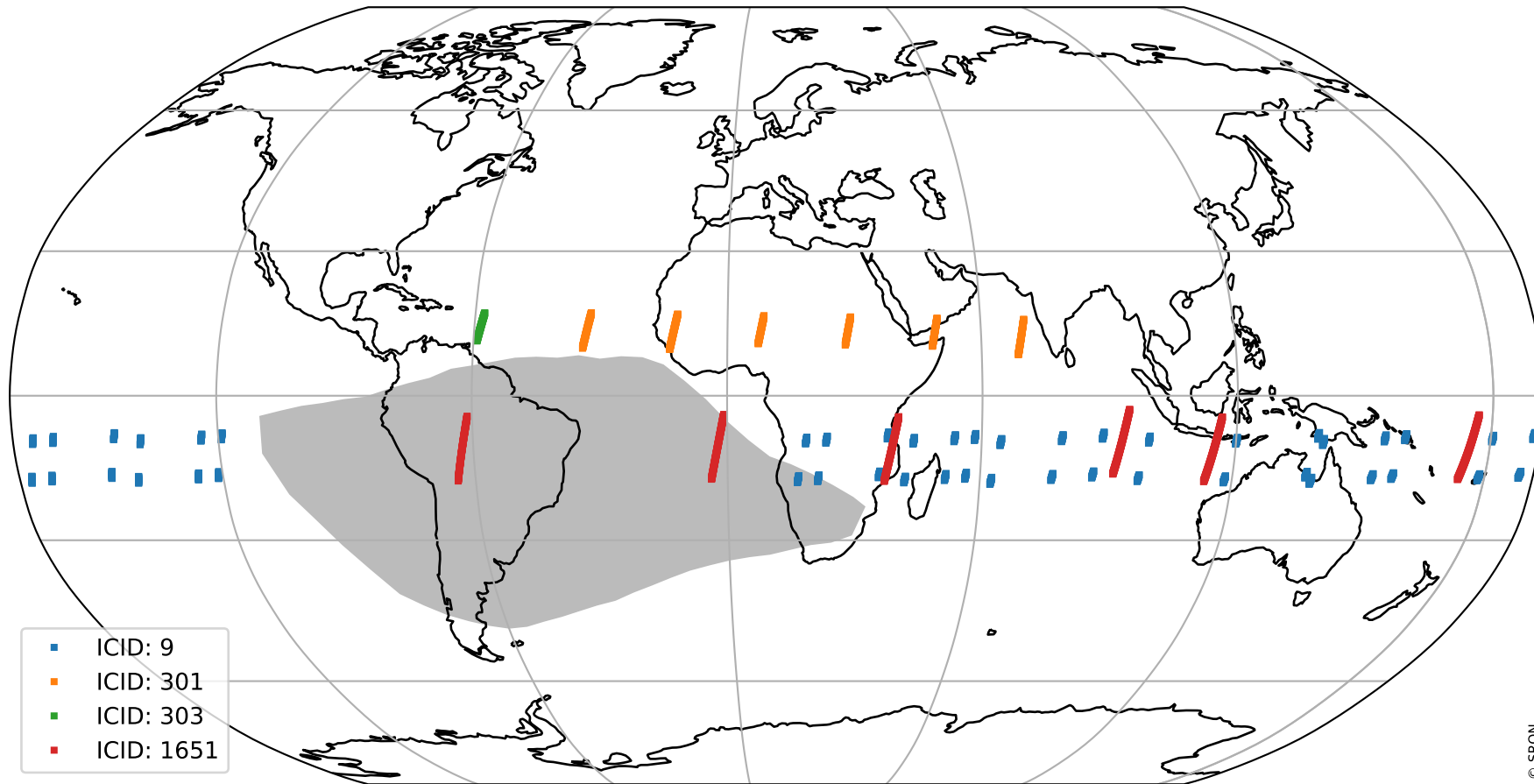
Tropomi SWIR background noise (swir)

orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
median : 0.94537
spread : 0.098446
created : 2023-08-21T15:03:53



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

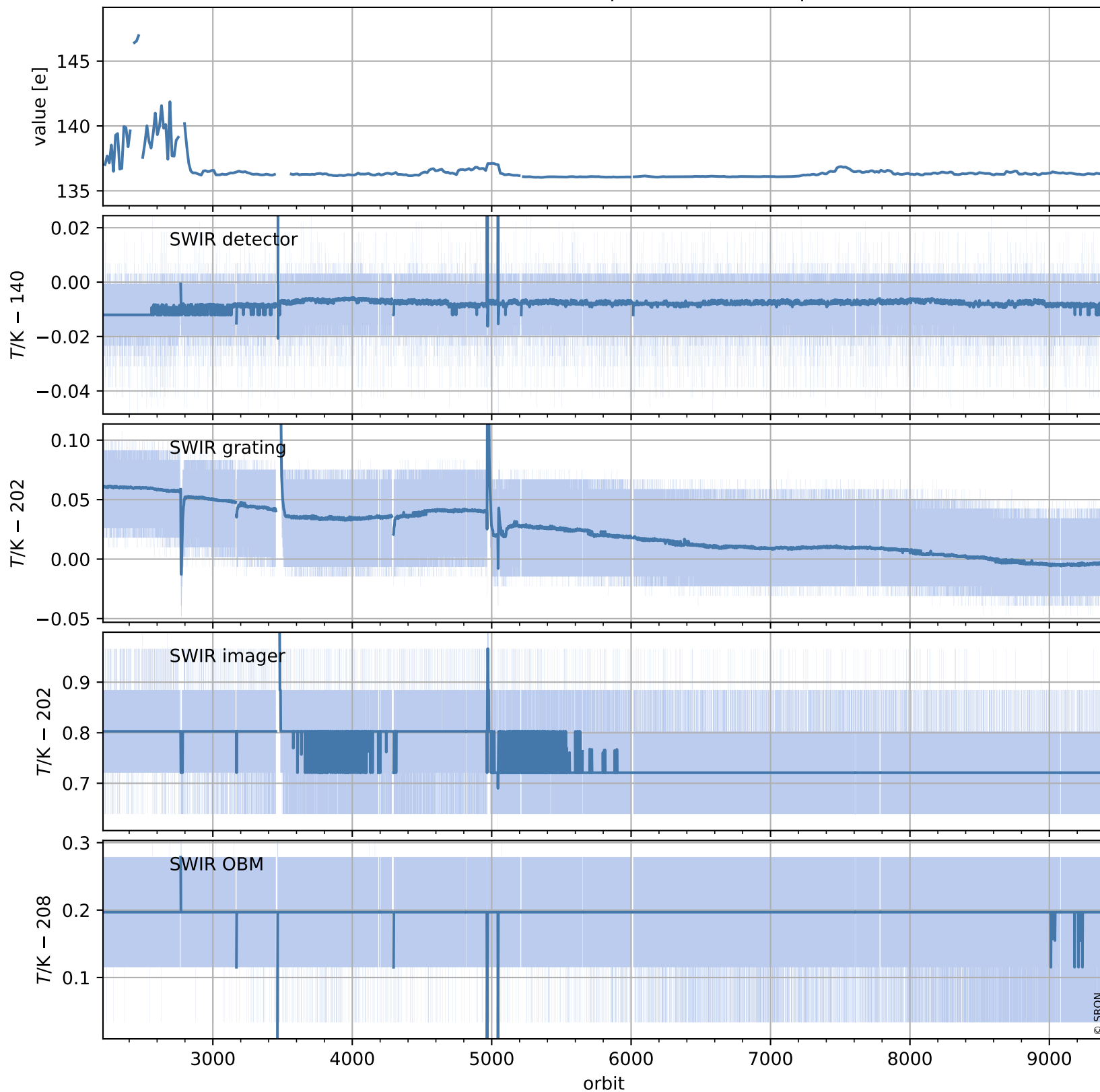
orbits : 13 in [9307, 9397]
coverage : 2019-07-31 / 2019-08-06
created : 2023-08-21T15:03:53



Tropomi SWIR background noise (swir)

orbits : [2212, 9397]
coverage : 2018-03-18 / 2019-08-06
created : 2023-08-21T15:03:54

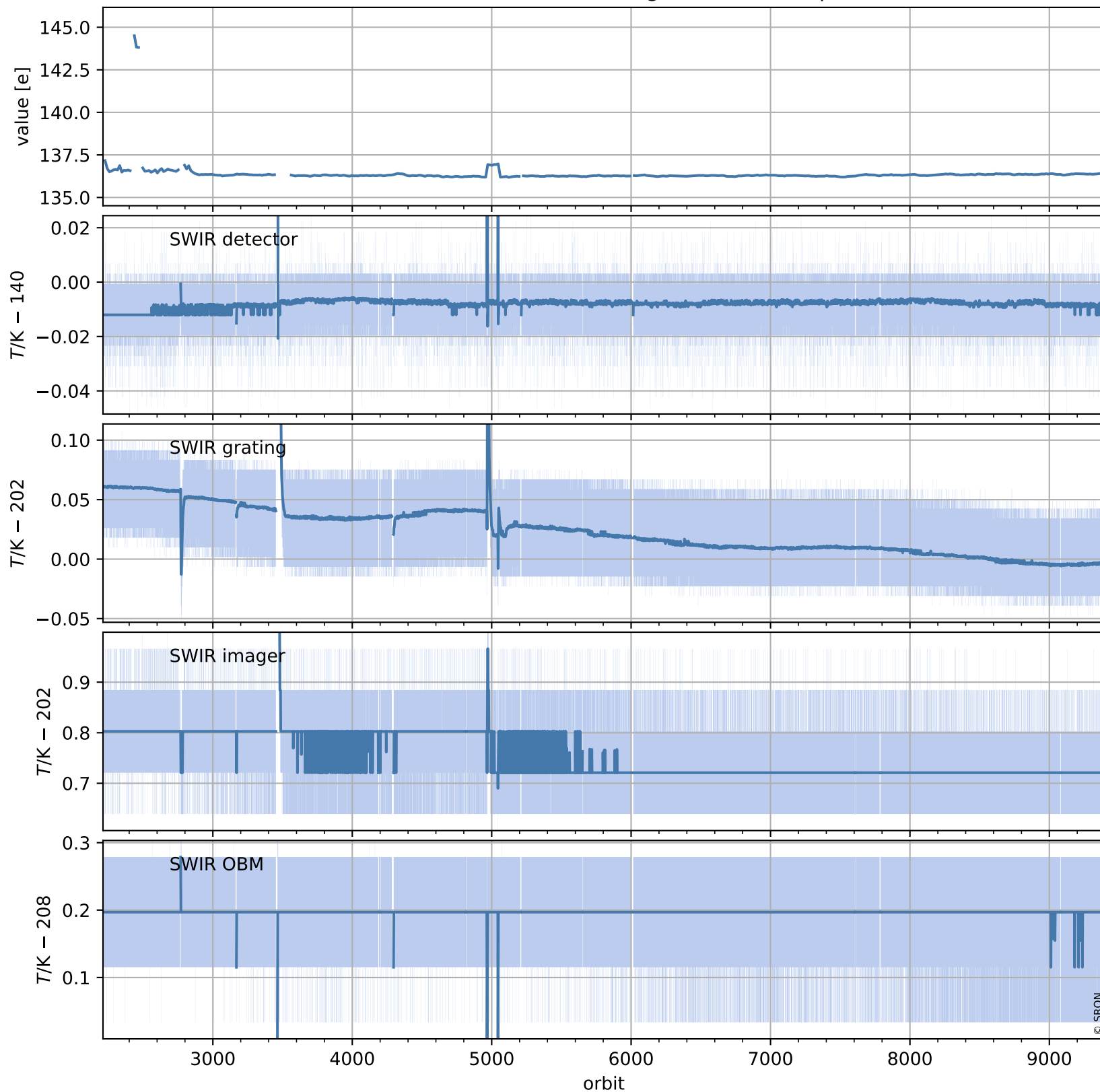
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9397]
coverage : 2018-03-18 / 2019-08-06
created : 2023-08-21T15:03:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 9397]
coverage : 2018-03-18 / 2019-08-06
created : 2023-08-21T15:03:55

trend of normalized read-noise & temperatures

