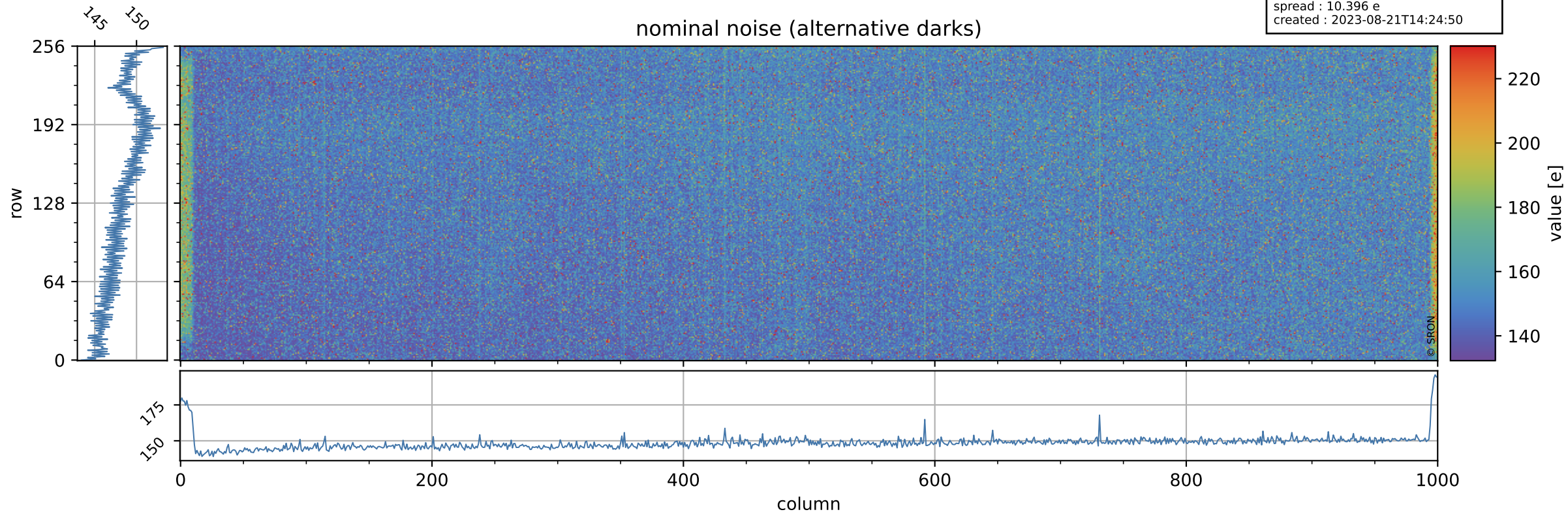


Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
n_coad, t_exp : 1, 1.0783
median : 148.26 e
spread : 10.396 e
created : 2023-08-21T14:24:50

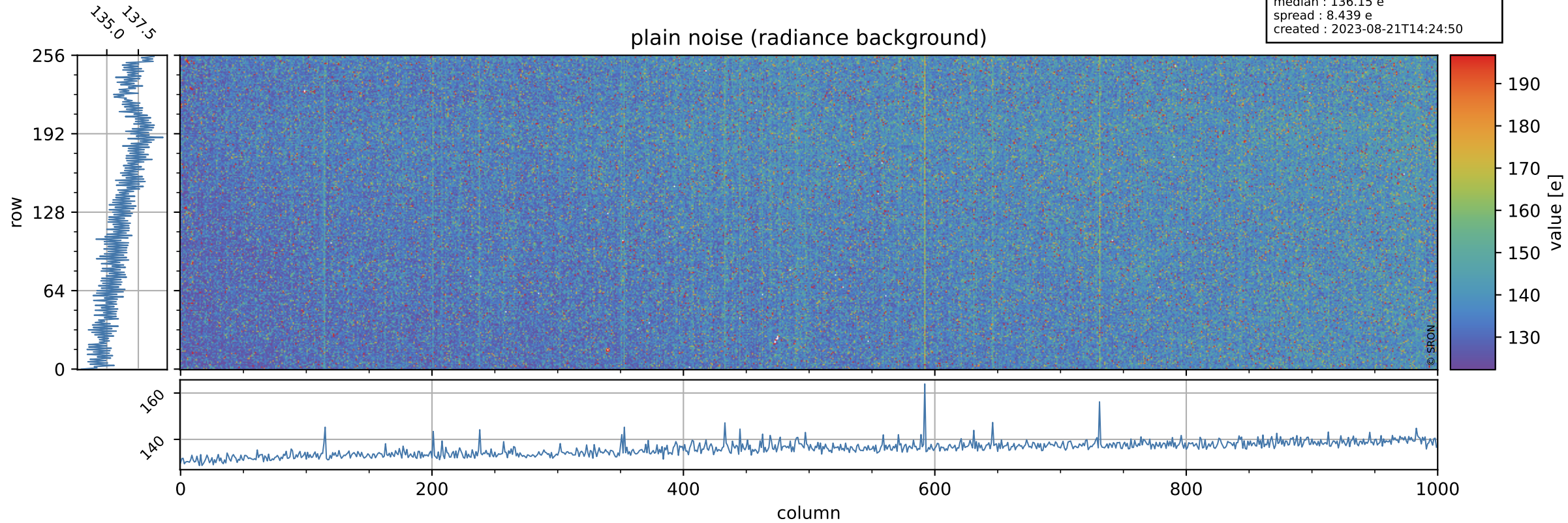
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.439 e
created : 2023-08-21T14:24:50

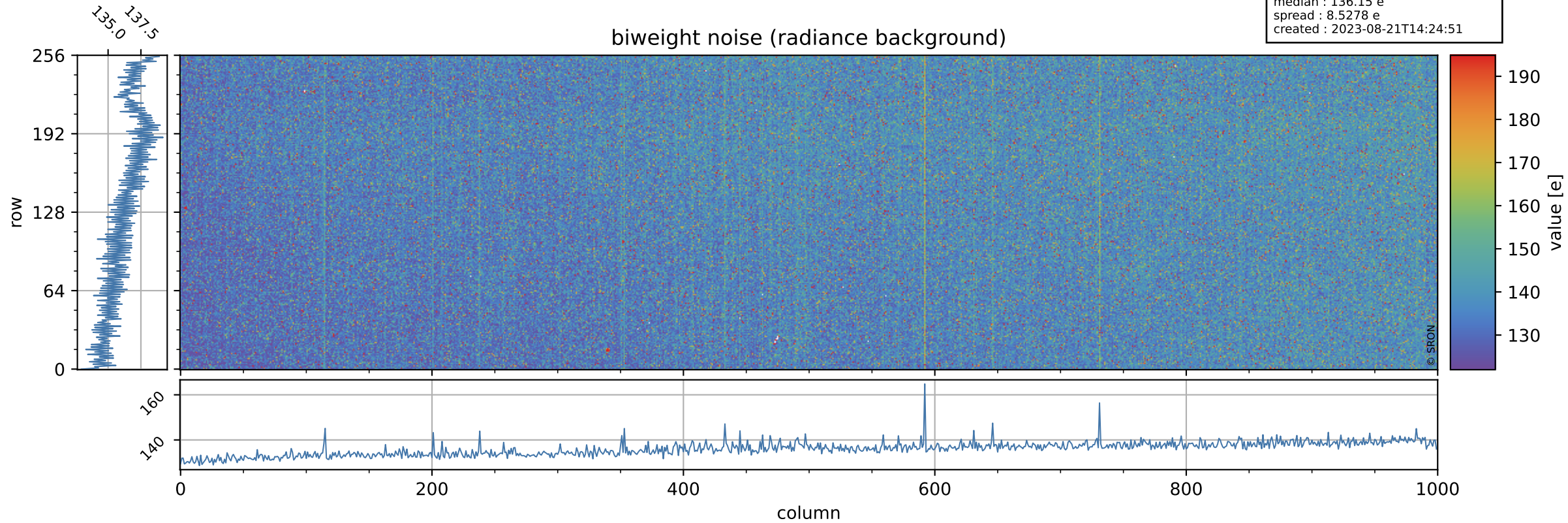
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.5278 e
created : 2023-08-21T14:24:51

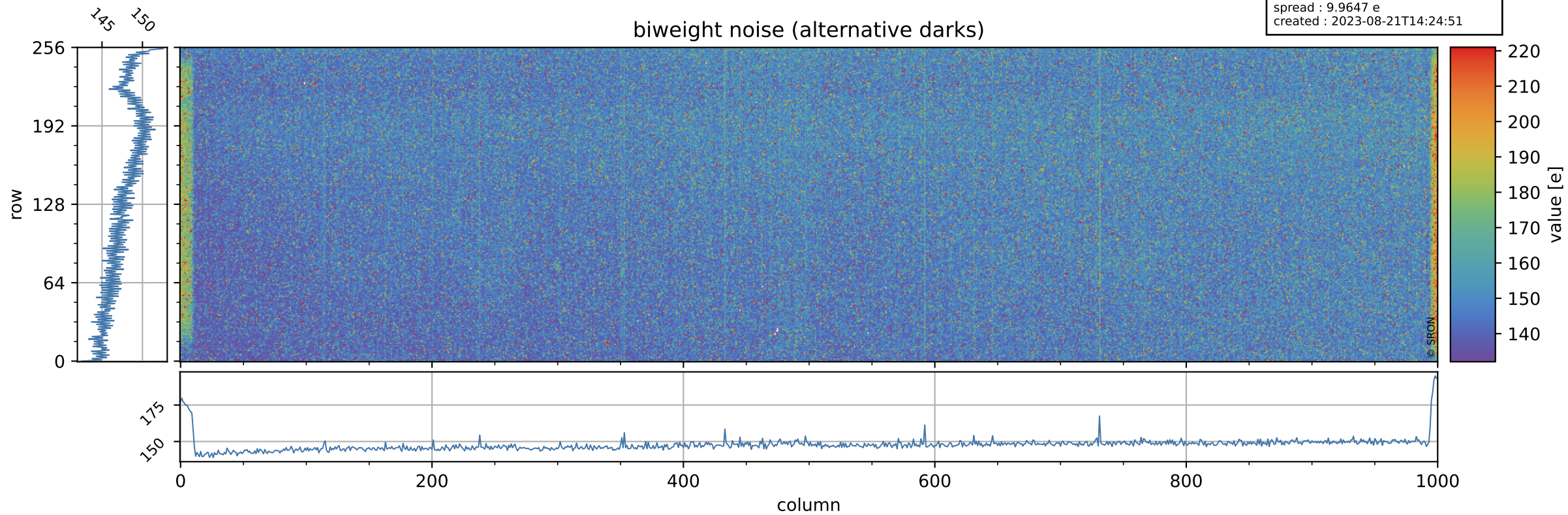
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9647 e
created : 2023-08-21T14:24:51

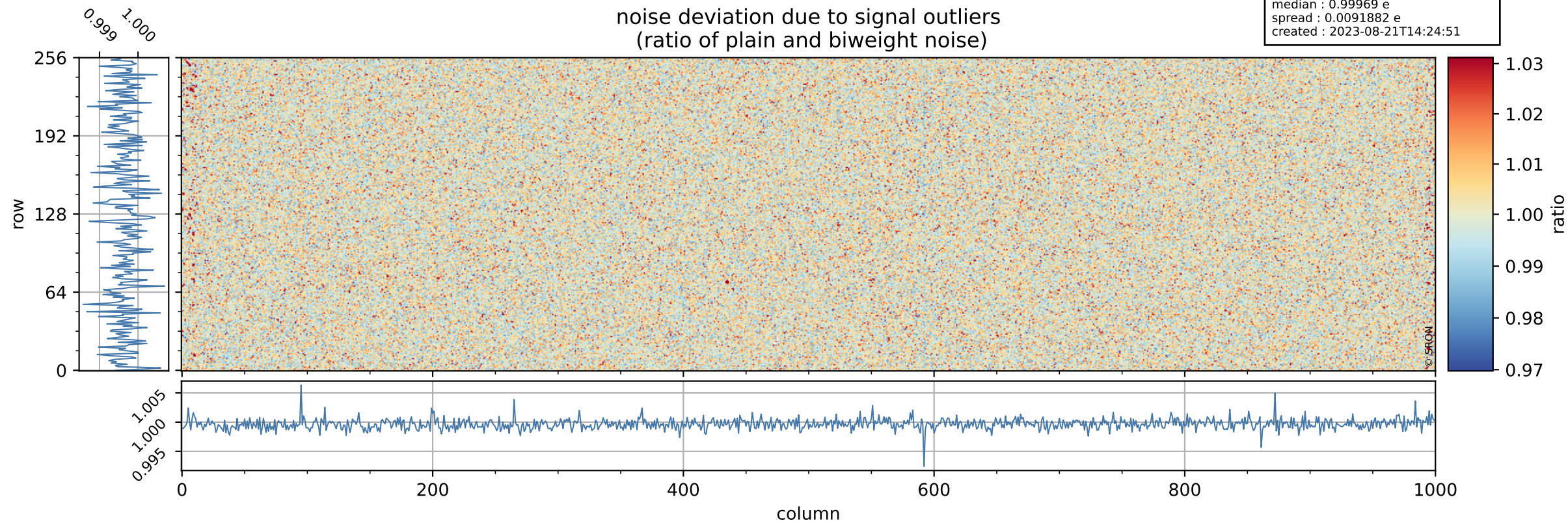
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

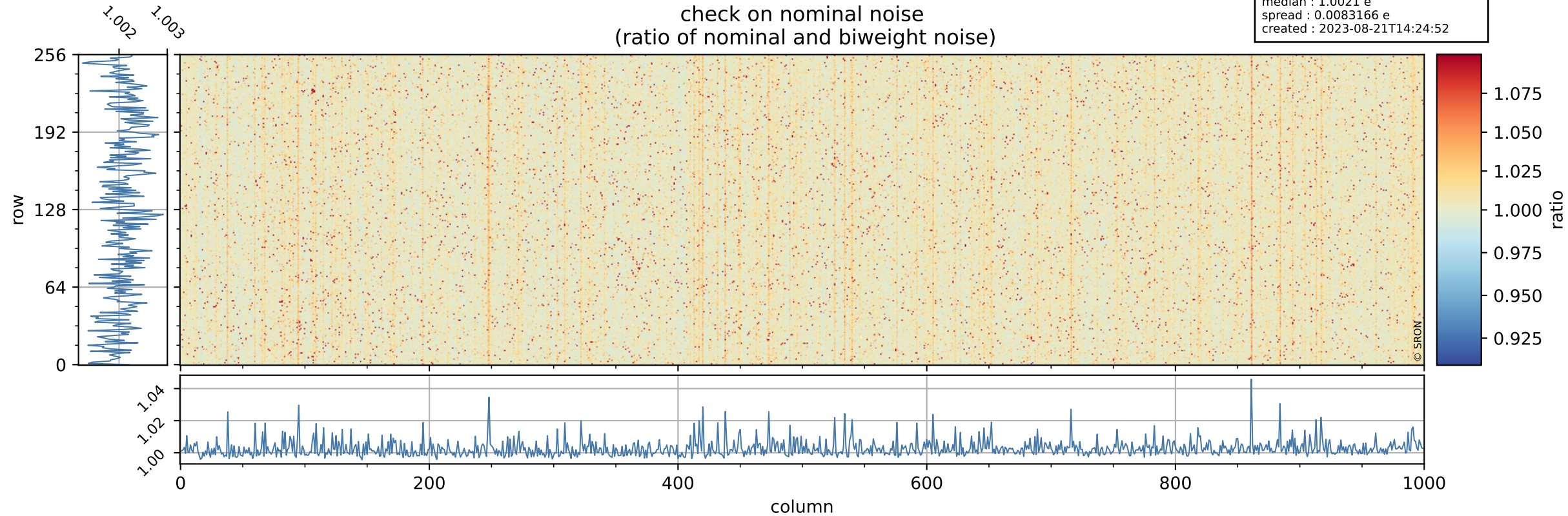
orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
median : 0.99969 e
spread : 0.0091882 e
created : 2023-08-21T14:24:51



Tropomi SWIR background noise (swir)

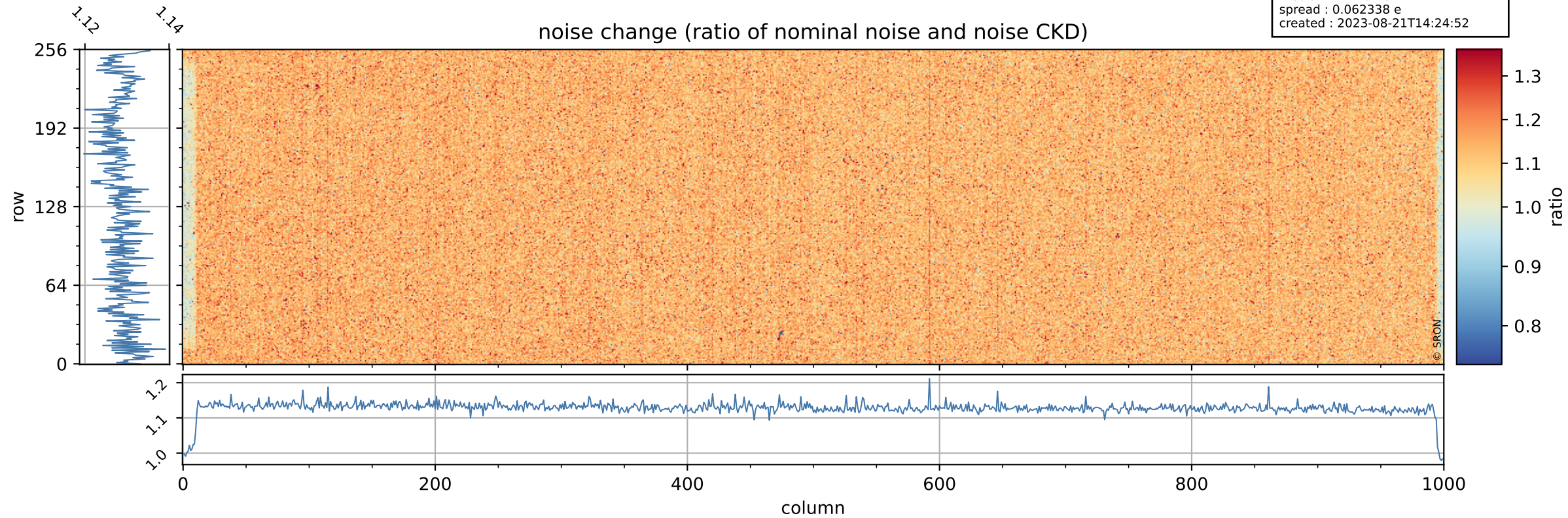
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
median : 1.0021 e
spread : 0.0083166 e
created : 2023-08-21T14:24:52



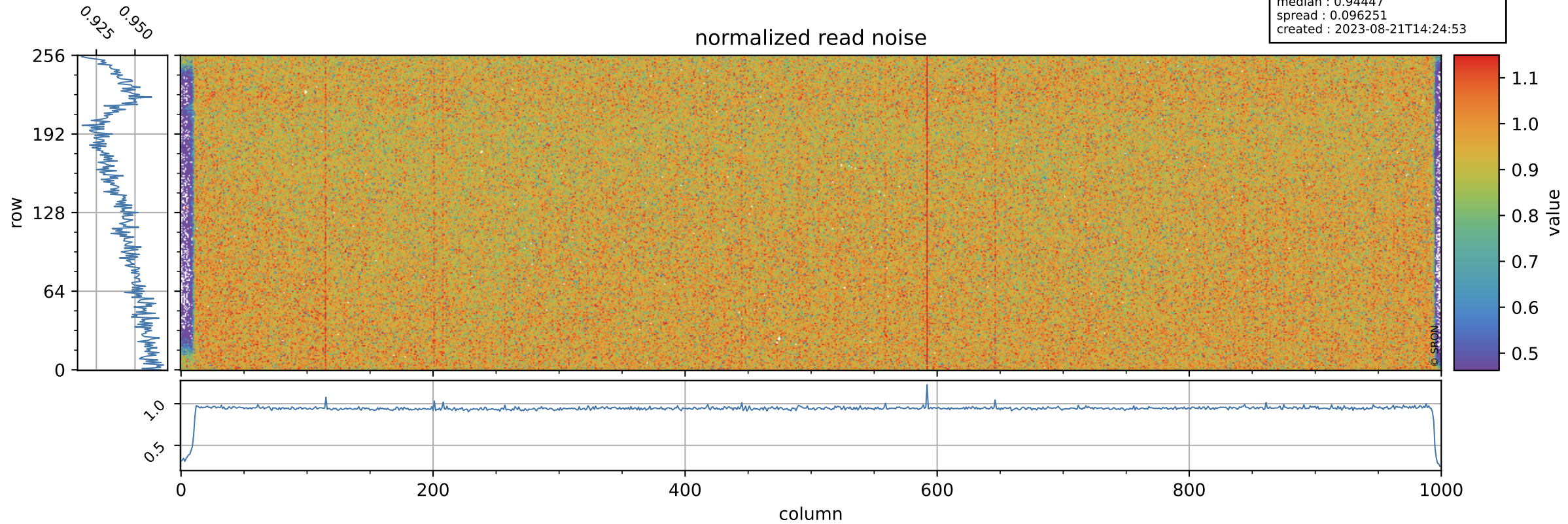
Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
median : 1.1282 e
spread : 0.062338 e
created : 2023-08-21T14:24:52



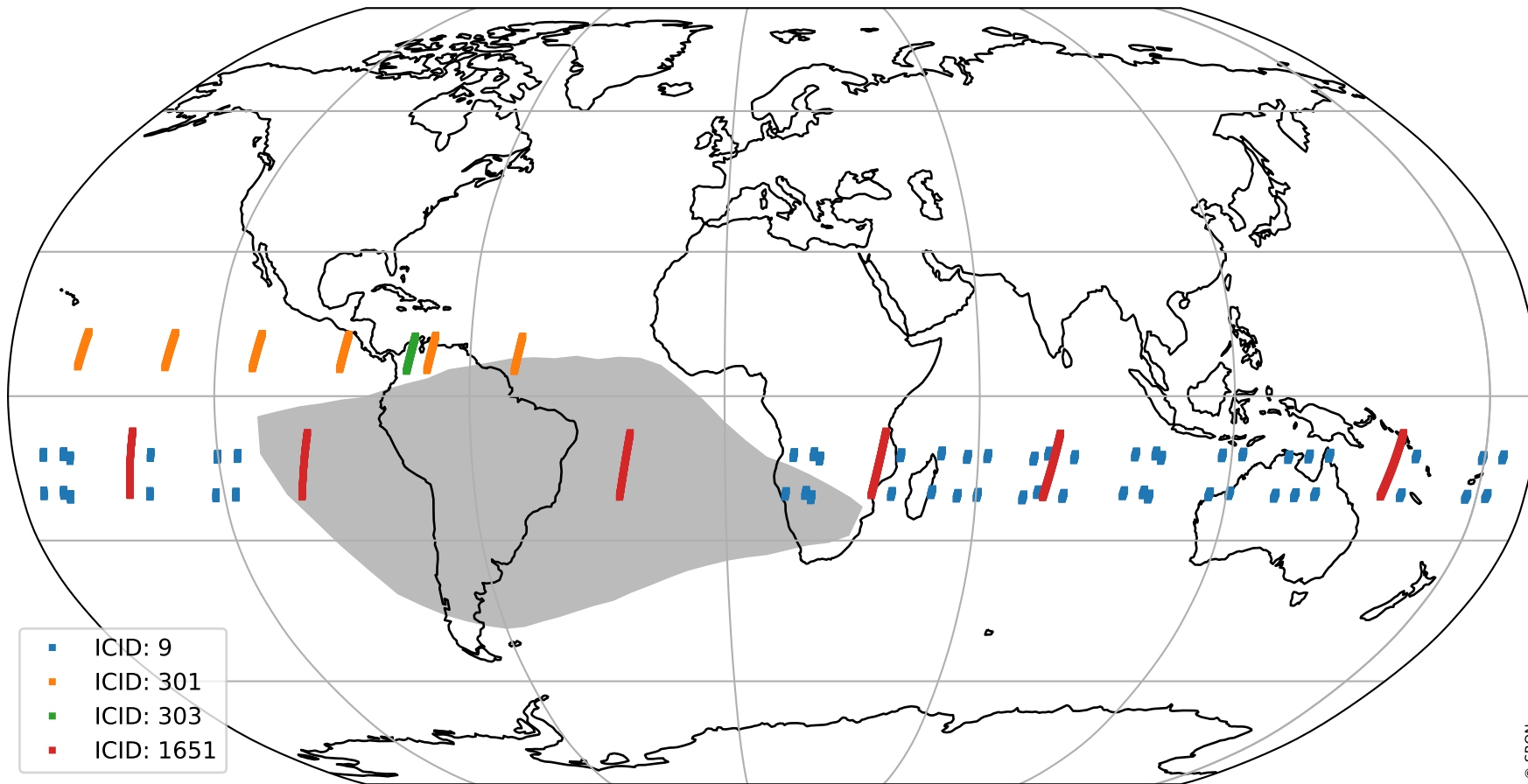
Tropomi SWIR background noise (swir)

orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
median : 0.94447
spread : 0.096251
created : 2023-08-21T14:24:53



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

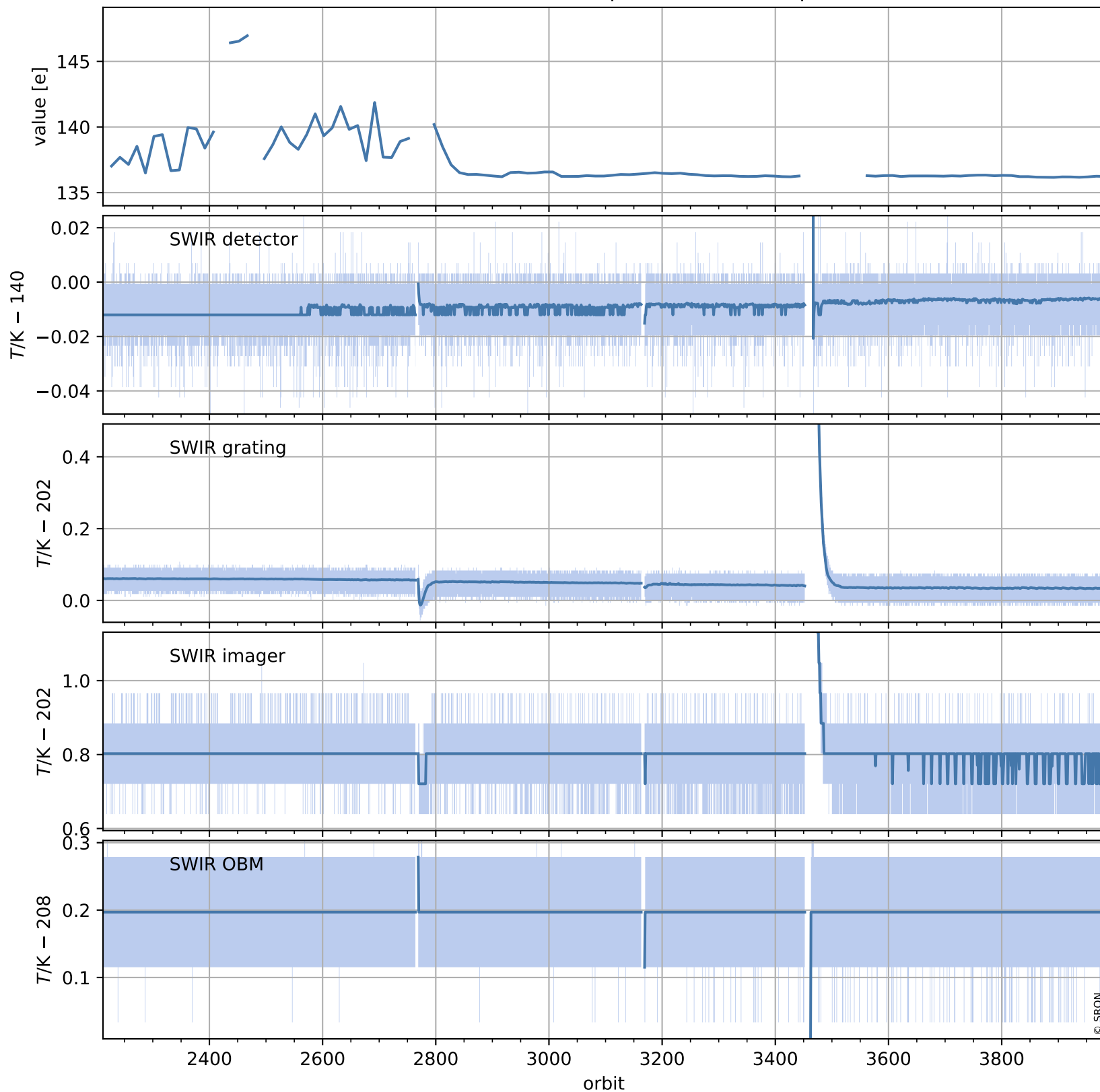
orbits : 13 in [3907, 3982]
coverage : 2018-07-15 / 2018-07-20
created : 2023-08-21T14:24:53



Tropomi SWIR background noise (swir)

orbits : [2212, 3982]
coverage : 2018-03-18 / 2018-07-20
created : 2023-08-21T14:24:54

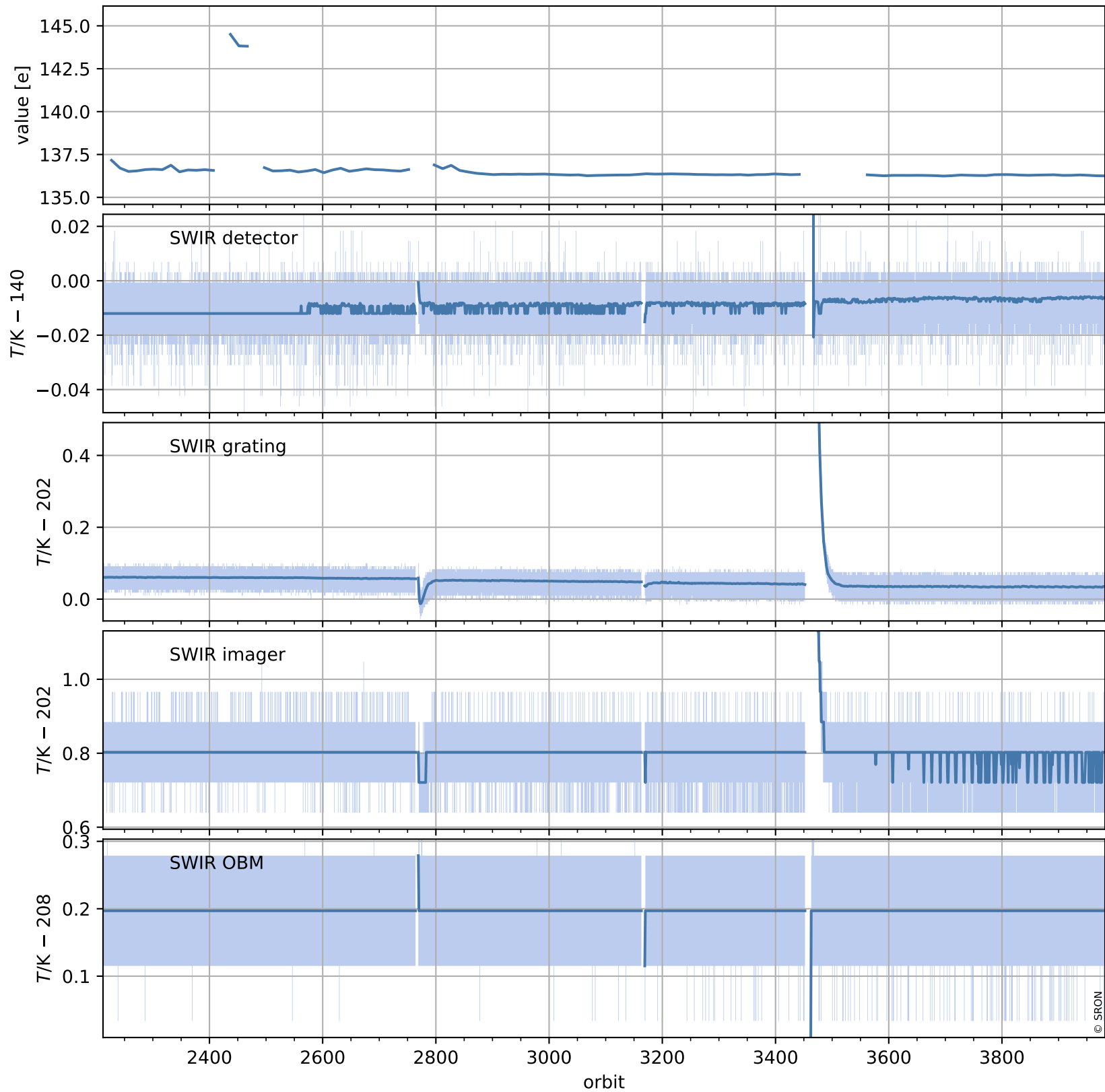
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3982]
coverage : 2018-03-18 / 2018-07-20
created : 2023-08-21T14:24:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3982]
coverage : 2018-03-18 / 2018-07-20
created : 2023-08-21T14:24:55

trend of normalized read-noise & temperatures

