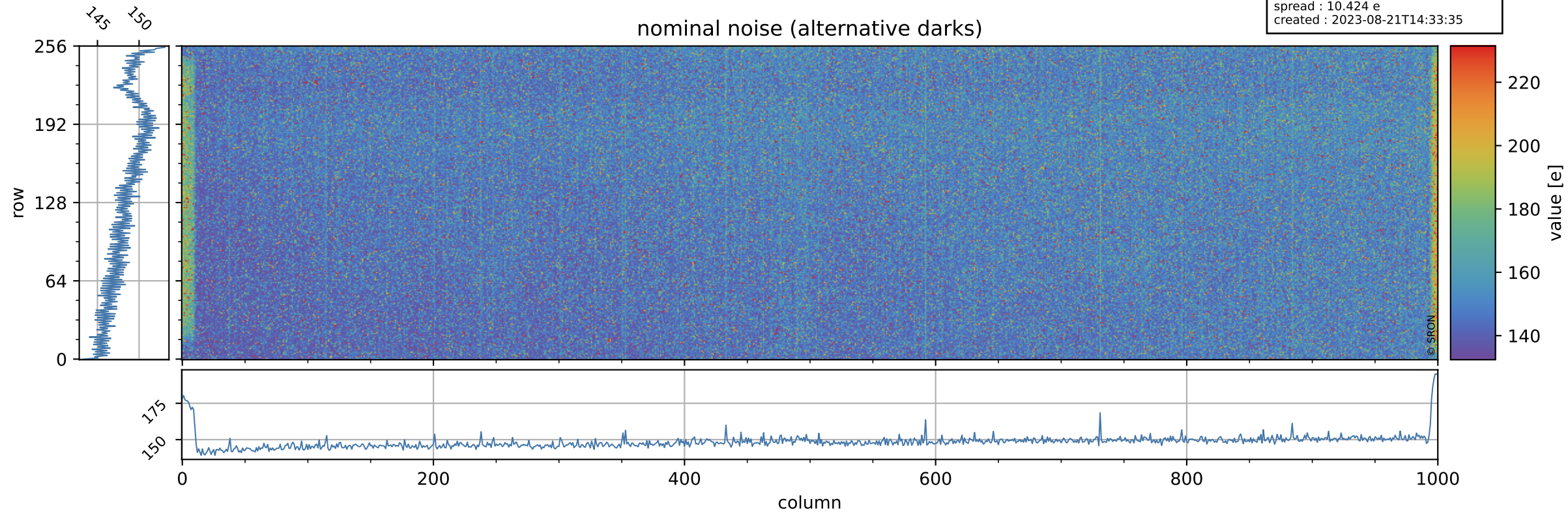


Tropomi SWIR background noise (swir)

orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.424 e
created : 2023-08-21T14:33:35

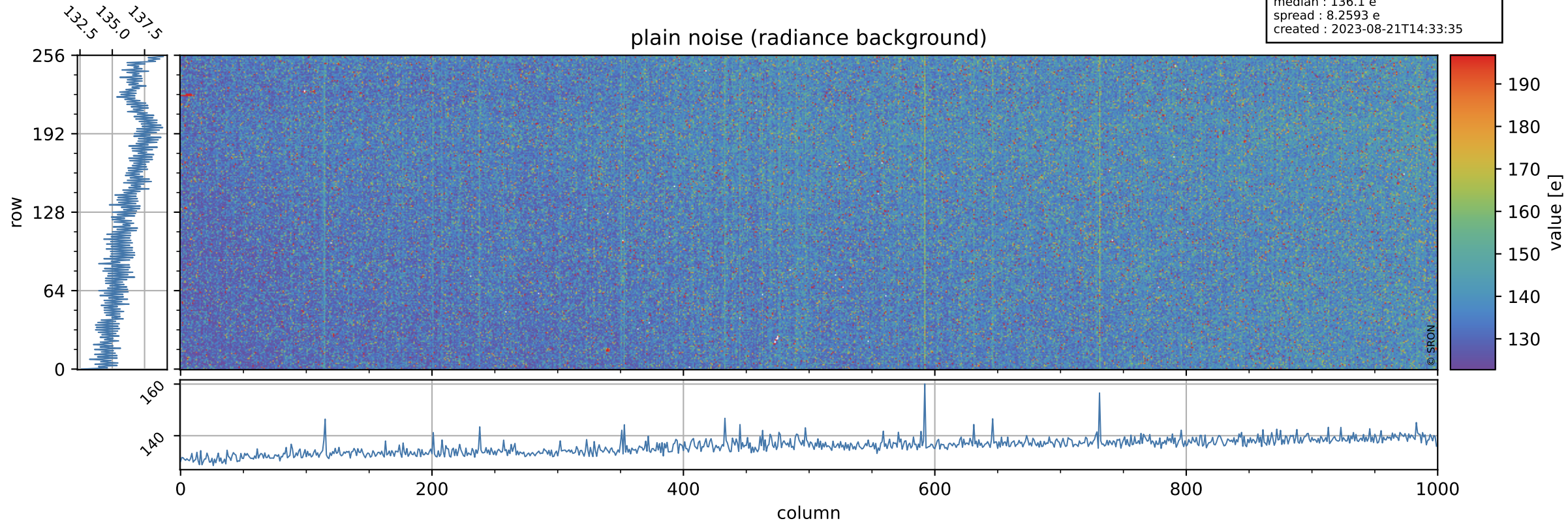
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
n_coad, t_exp : 2, 0.5383
median : 136.1 e
spread : 8.2593 e
created : 2023-08-21T14:33:35

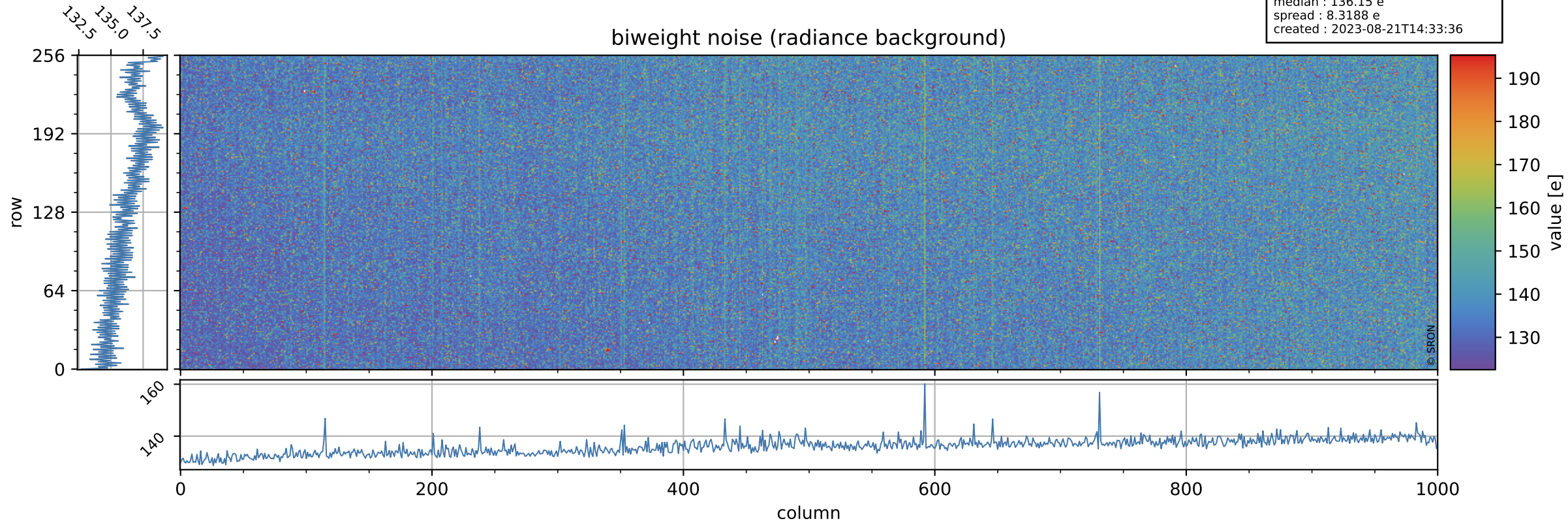
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.3188 e
created : 2023-08-21T14:33:36

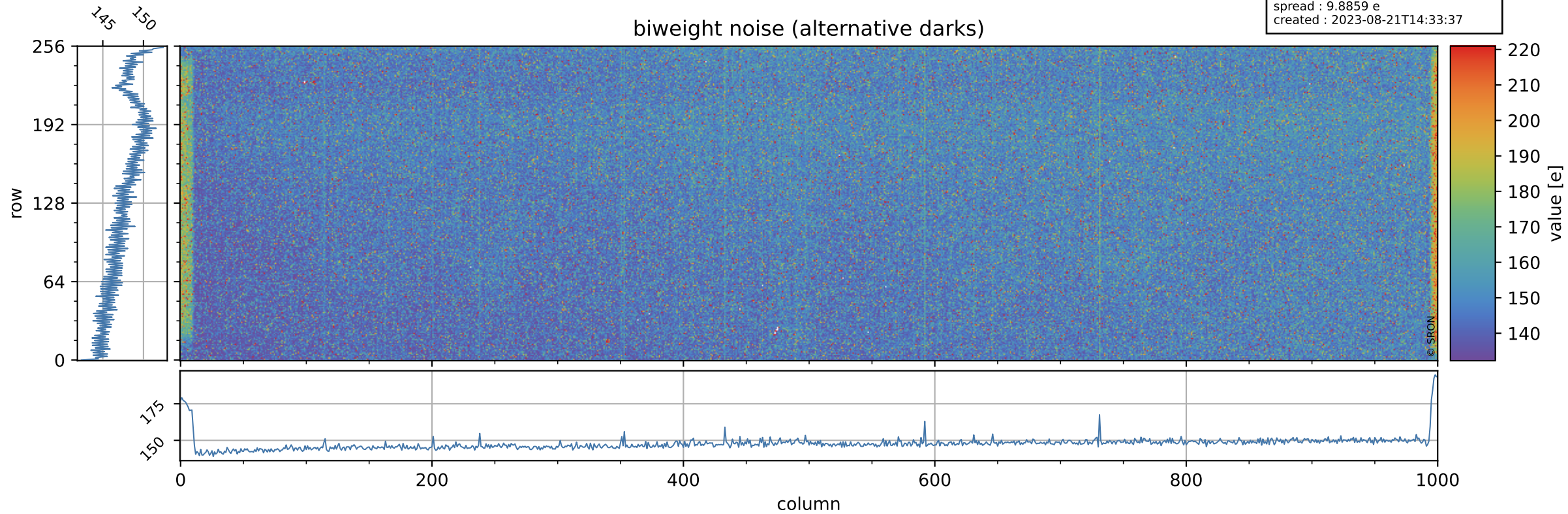
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8859 e
created : 2023-08-21T14:33:37

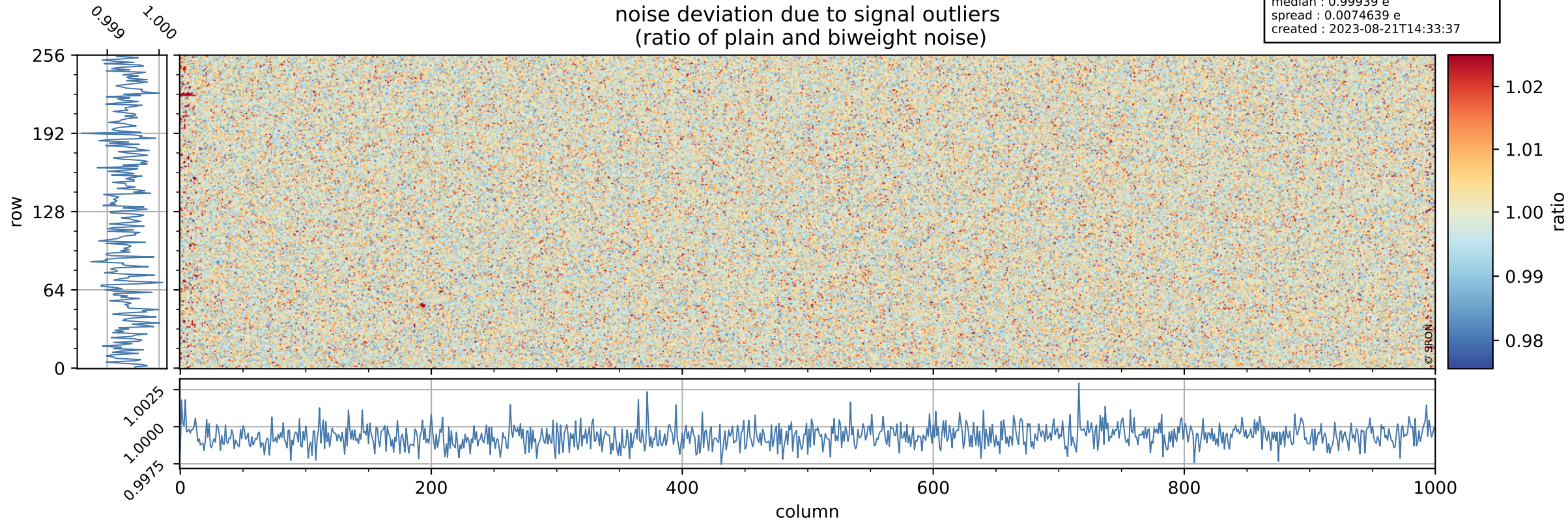
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

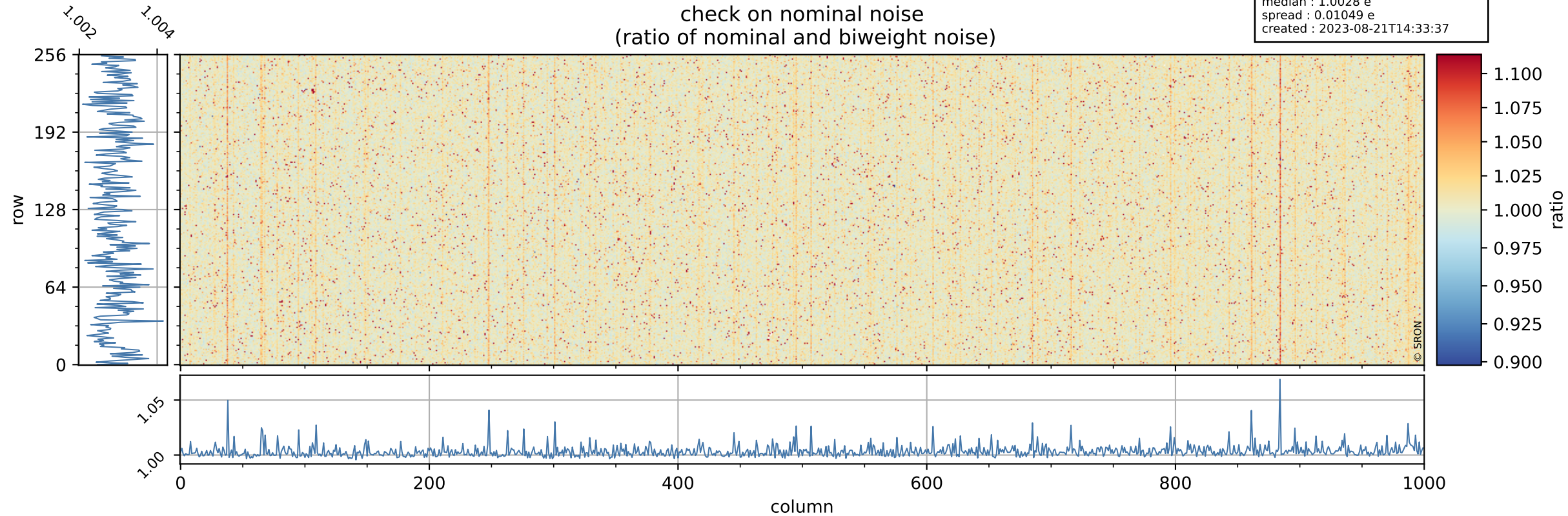
orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
median : 0.99939 e
spread : 0.0074639 e
created : 2023-08-21T14:33:37



Tropomi SWIR background noise (swir)

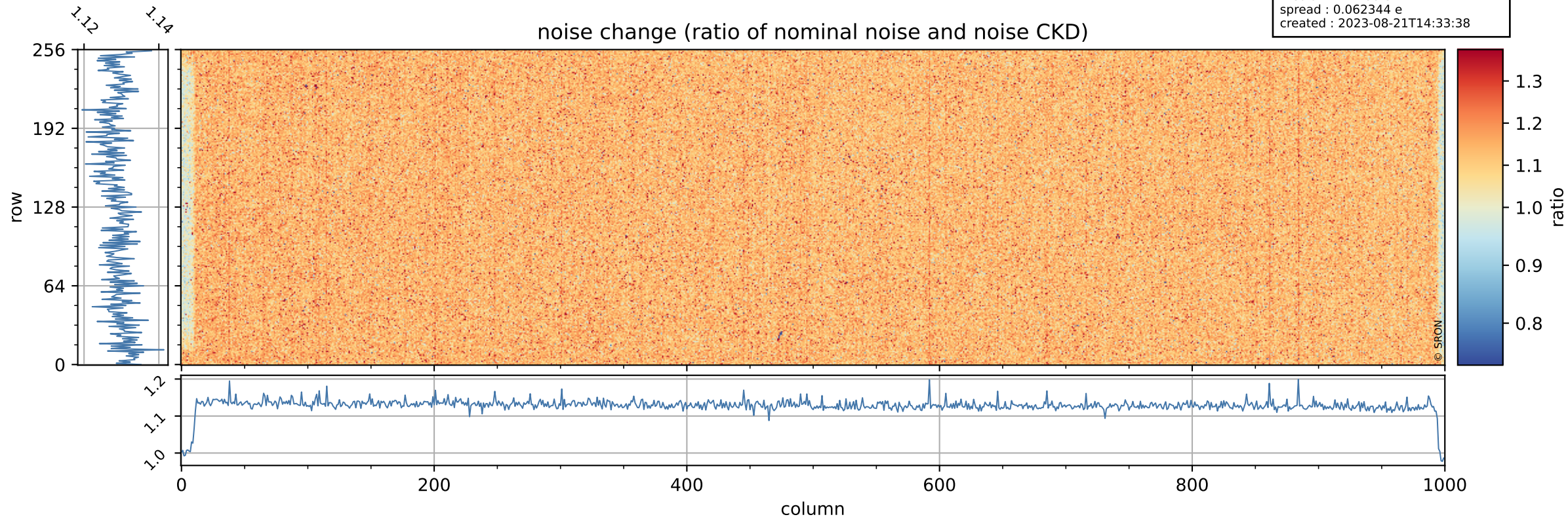
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
median : 1.0028 e
spread : 0.01049 e
created : 2023-08-21T14:33:37



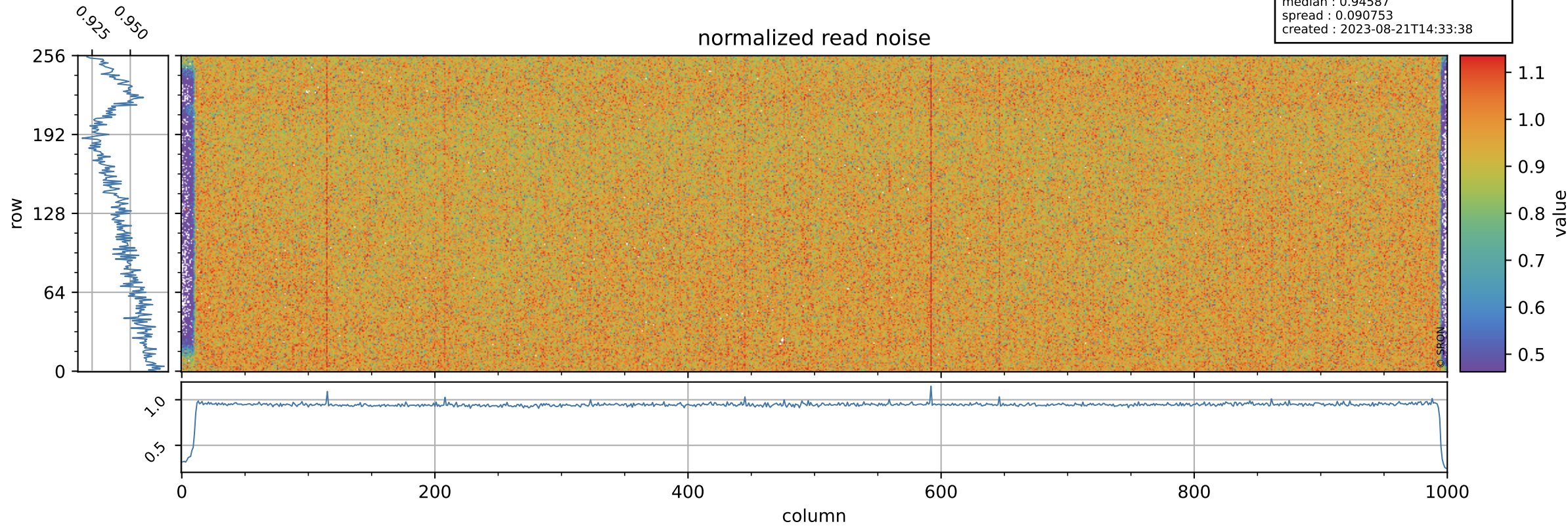
Tropomi SWIR background noise (swir)

orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
median : 1.1286 e
spread : 0.062344 e
created : 2023-08-21T14:33:38



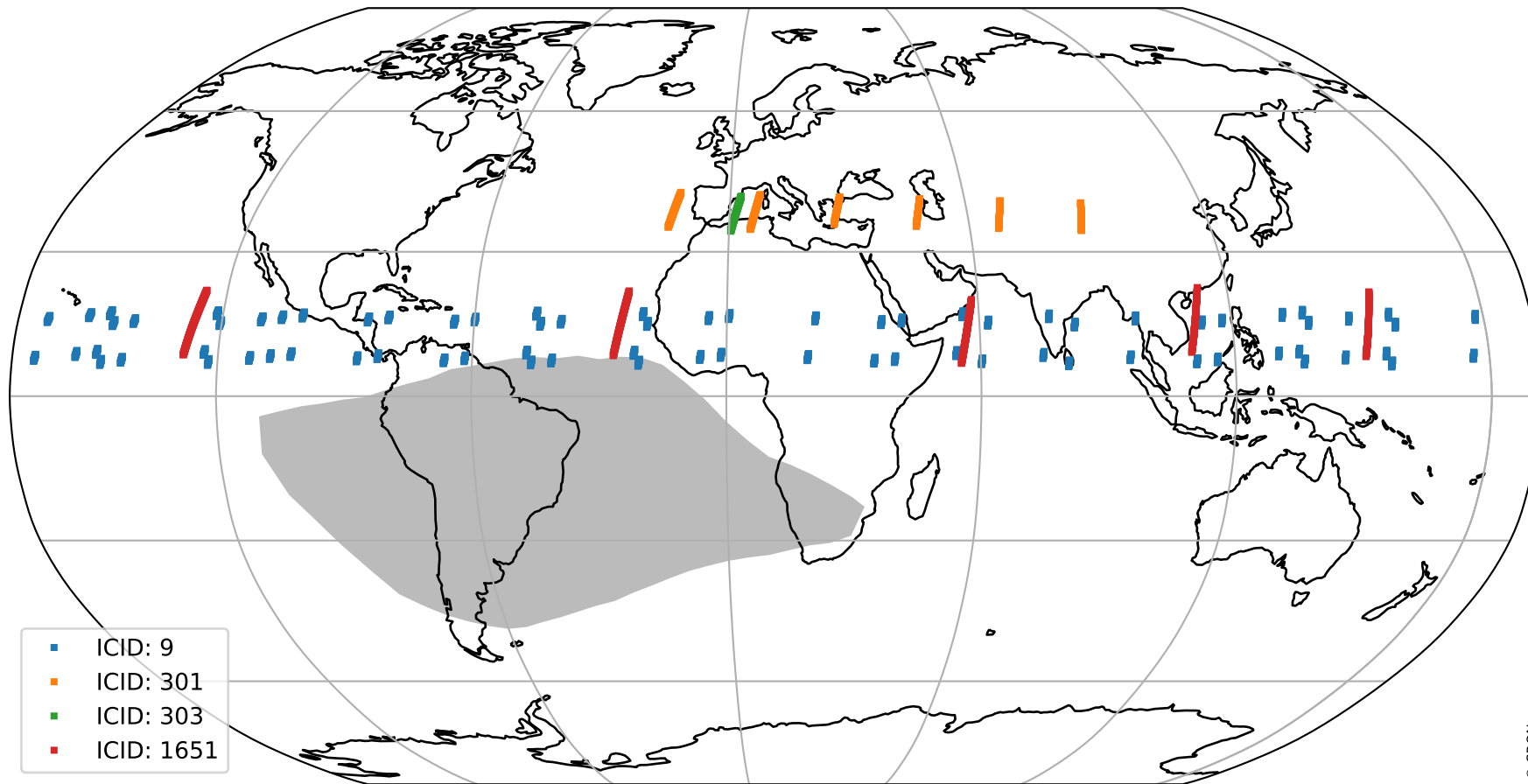
Tropomi SWIR background noise (swir)

orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
median : 0.94587
spread : 0.090753
created : 2023-08-21T14:33:38



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

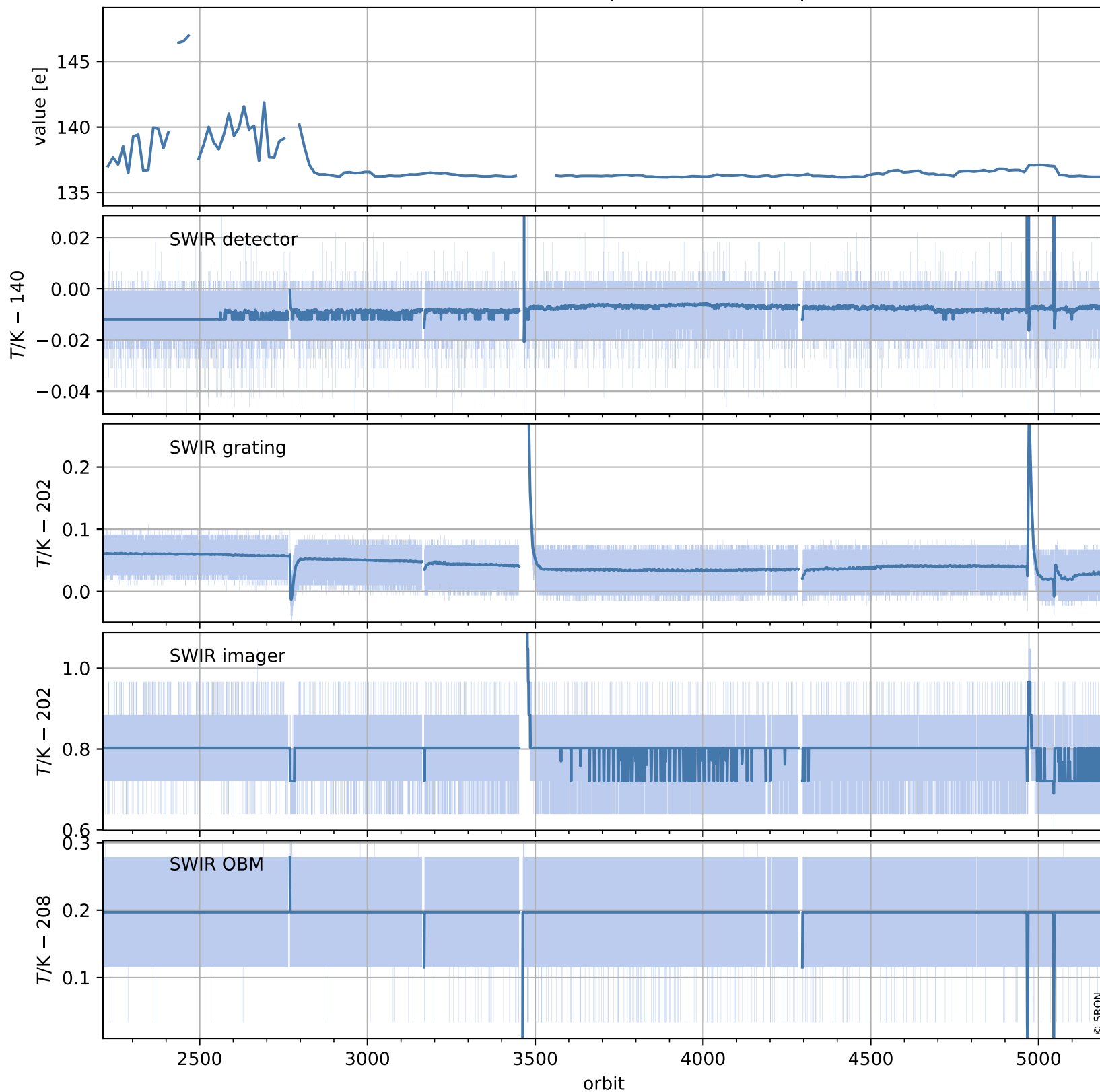
orbits : 12 in [5107, 5197]
coverage : 2018-10-08 / 2018-10-14
created : 2023-08-21T14:33:39



Tropomi SWIR background noise (swir)

orbits : [2212, 5197]
coverage : 2018-03-18 / 2018-10-14
created : 2023-08-21T14:33:39

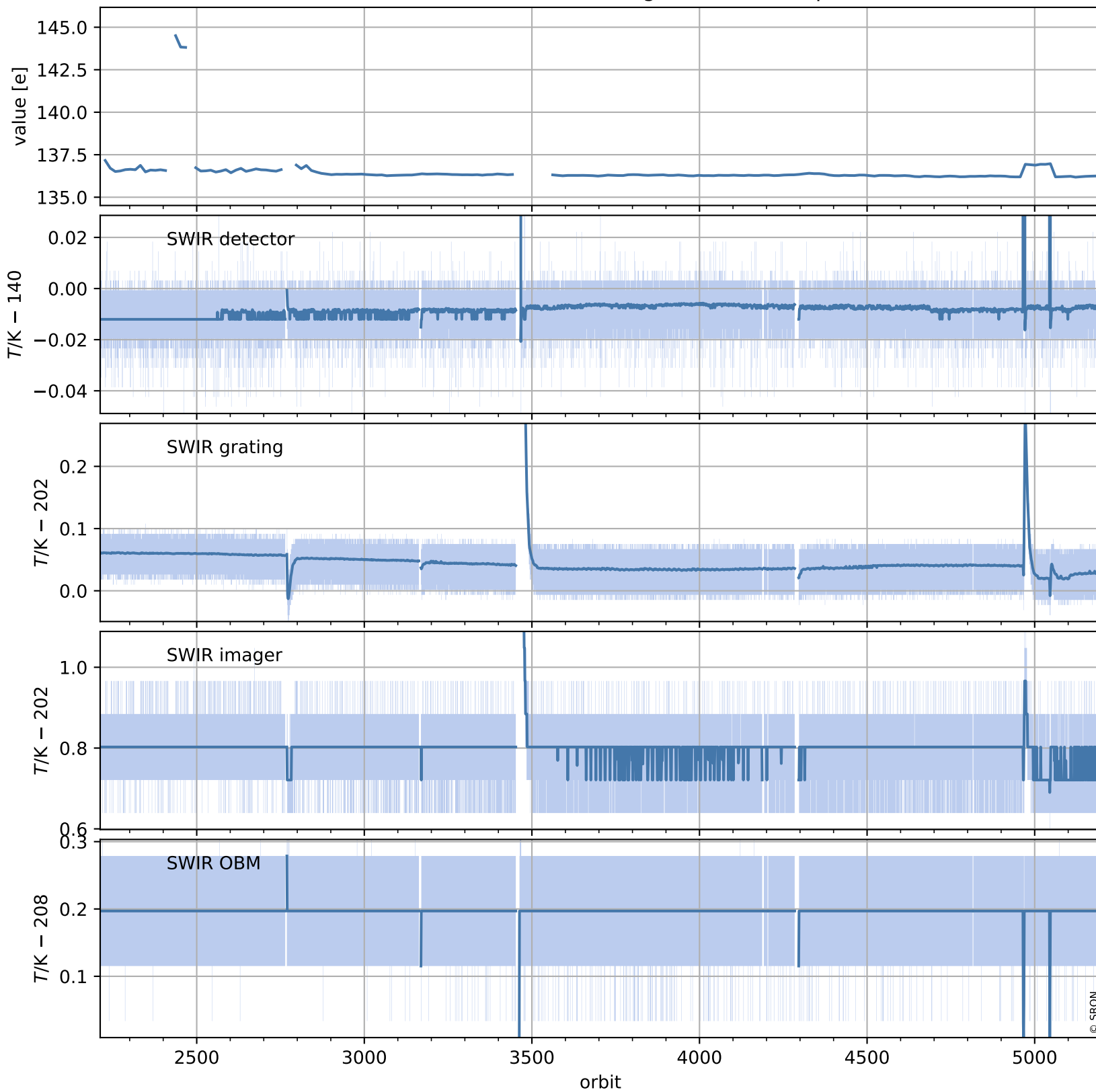
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5197]
coverage : 2018-03-18 / 2018-10-14
created : 2023-08-21T14:33:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5197]
coverage : 2018-03-18 / 2018-10-14
created : 2023-08-21T14:33:41

trend of normalized read-noise & temperatures

