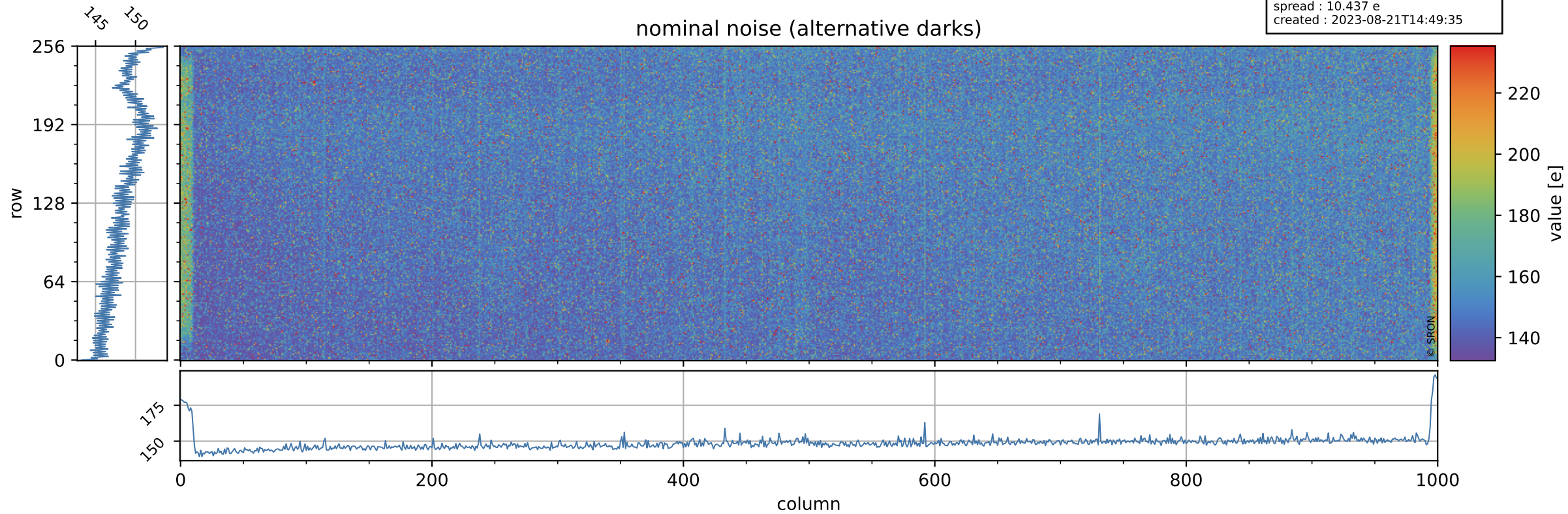


Tropomi SWIR background noise (swir)

orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.437 e
created : 2023-08-21T14:49:35

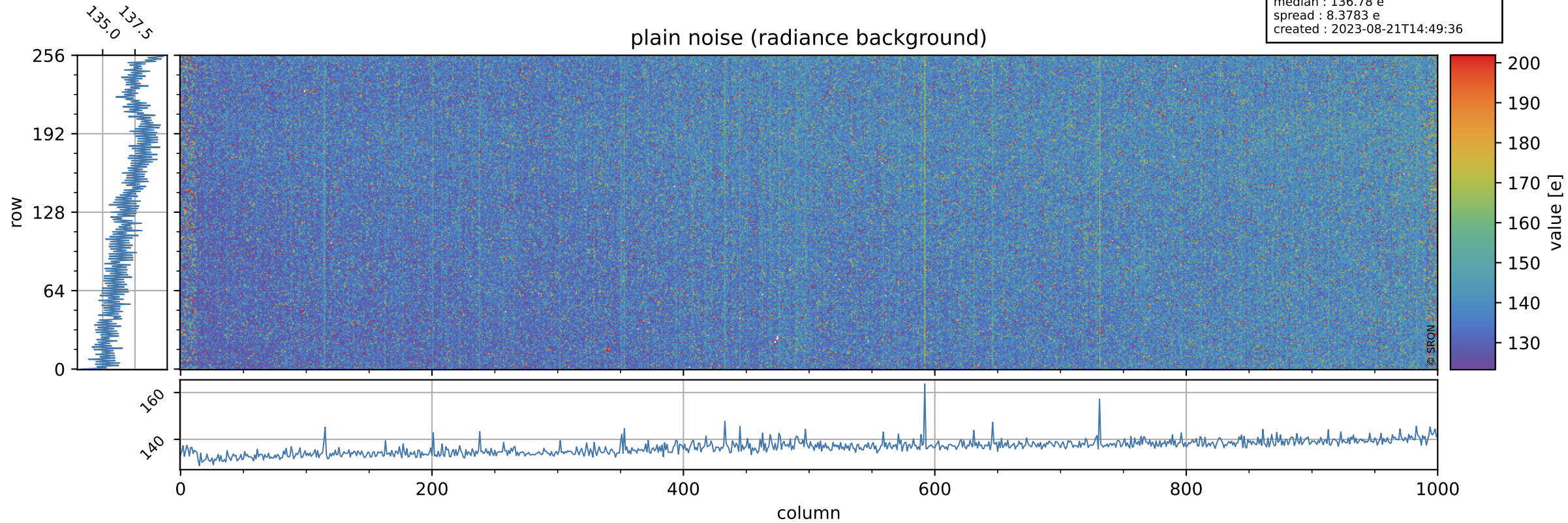
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
n_coad, t_exp : 2, 0.5383
median : 136.78 e
spread : 8.3783 e
created : 2023-08-21T14:49:36

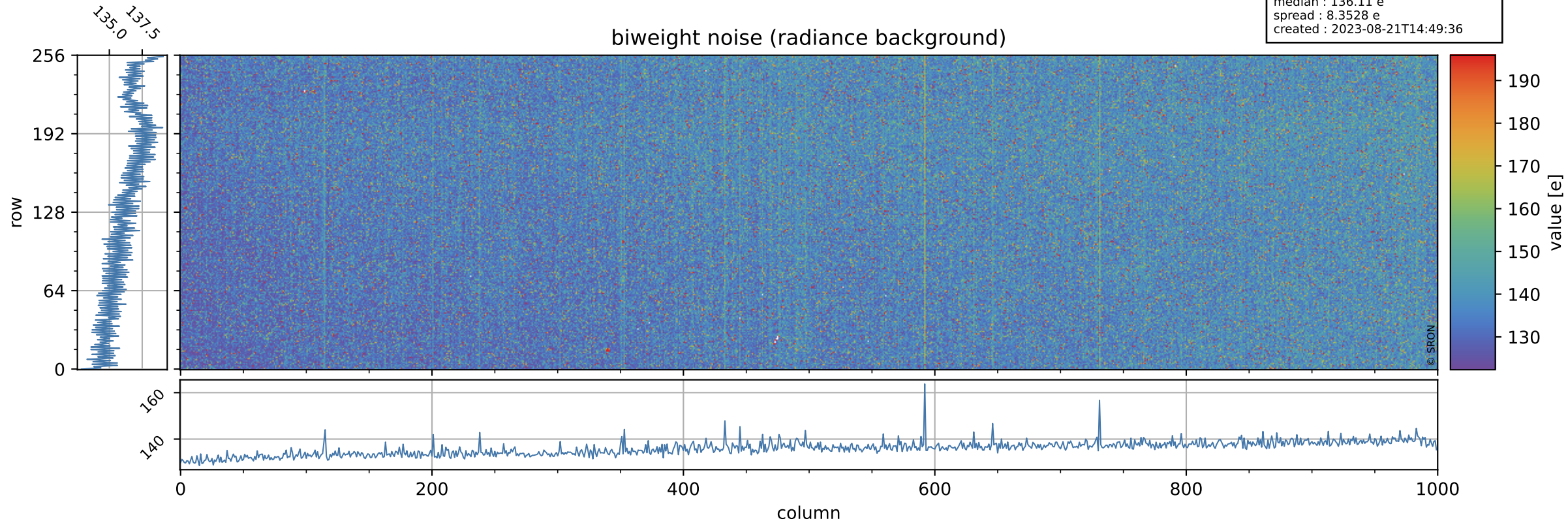
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
n_coad, t_exp : 2, 0.5383
median : 136.11 e
spread : 8.3528 e
created : 2023-08-21T14:49:36

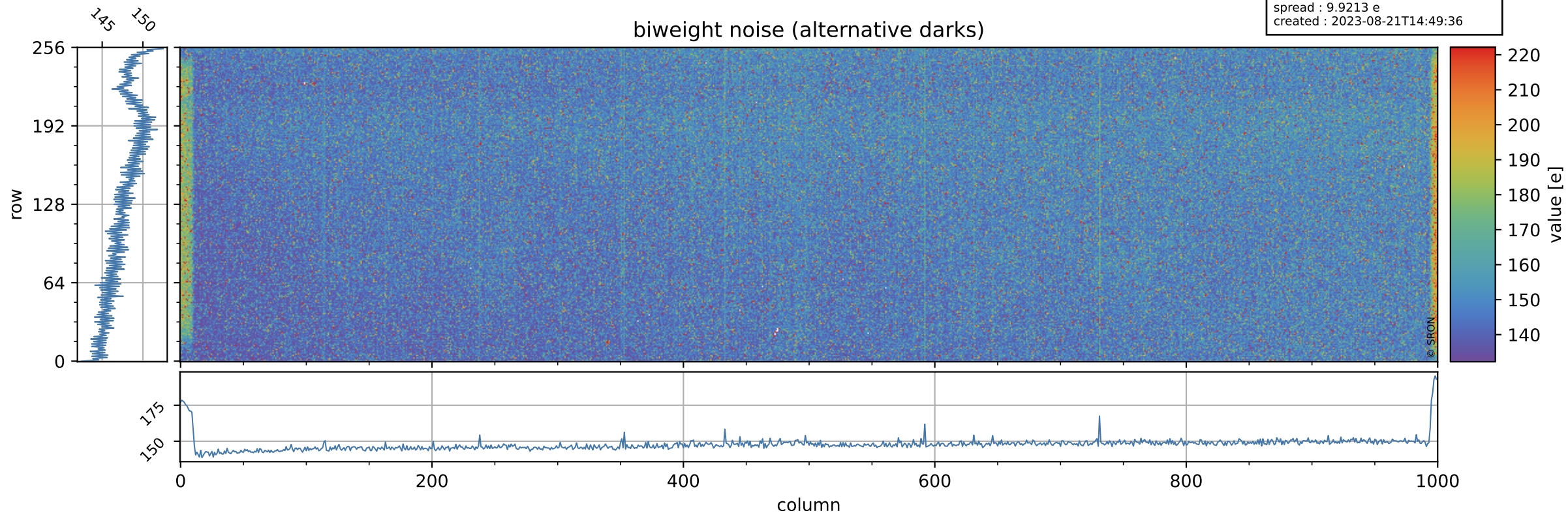
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9213 e
created : 2023-08-21T14:49:36

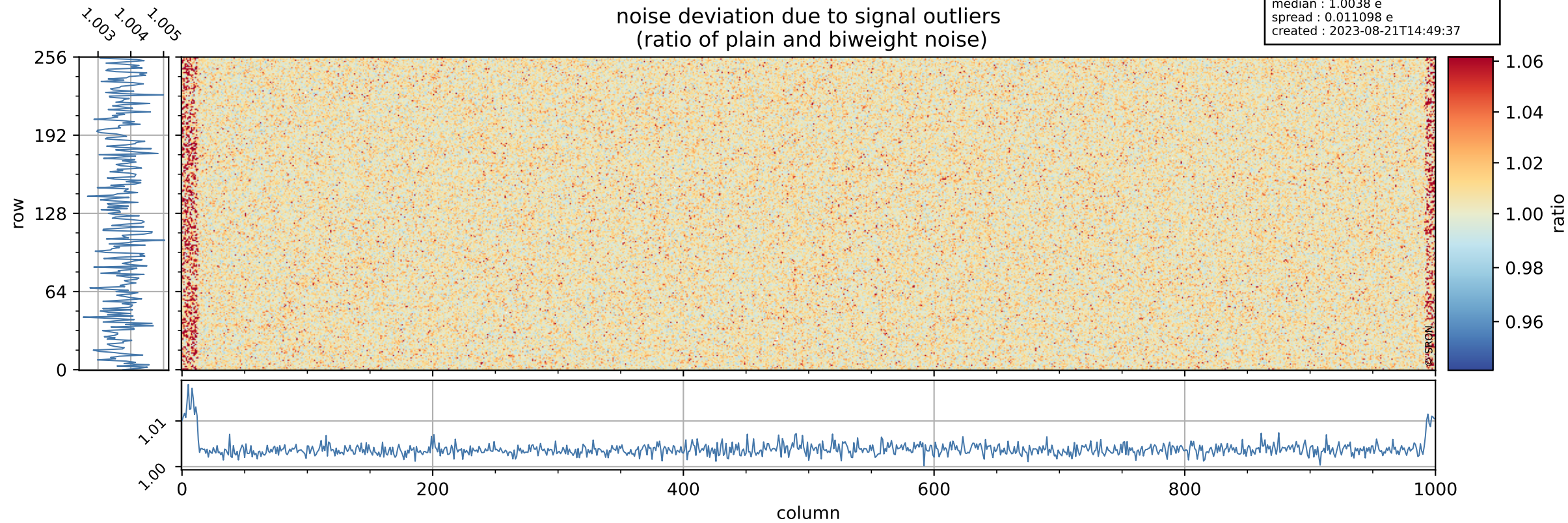
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

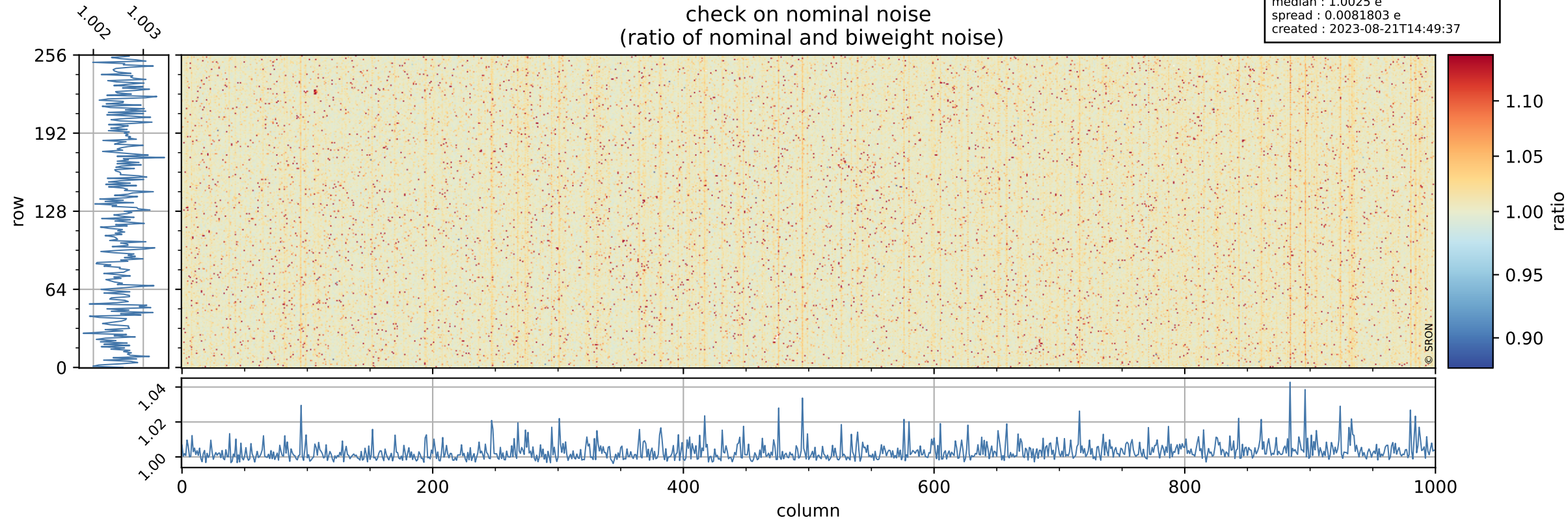
orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
median : 1.0038 e
spread : 0.011098 e
created : 2023-08-21T14:49:37



Tropomi SWIR background noise (swir)

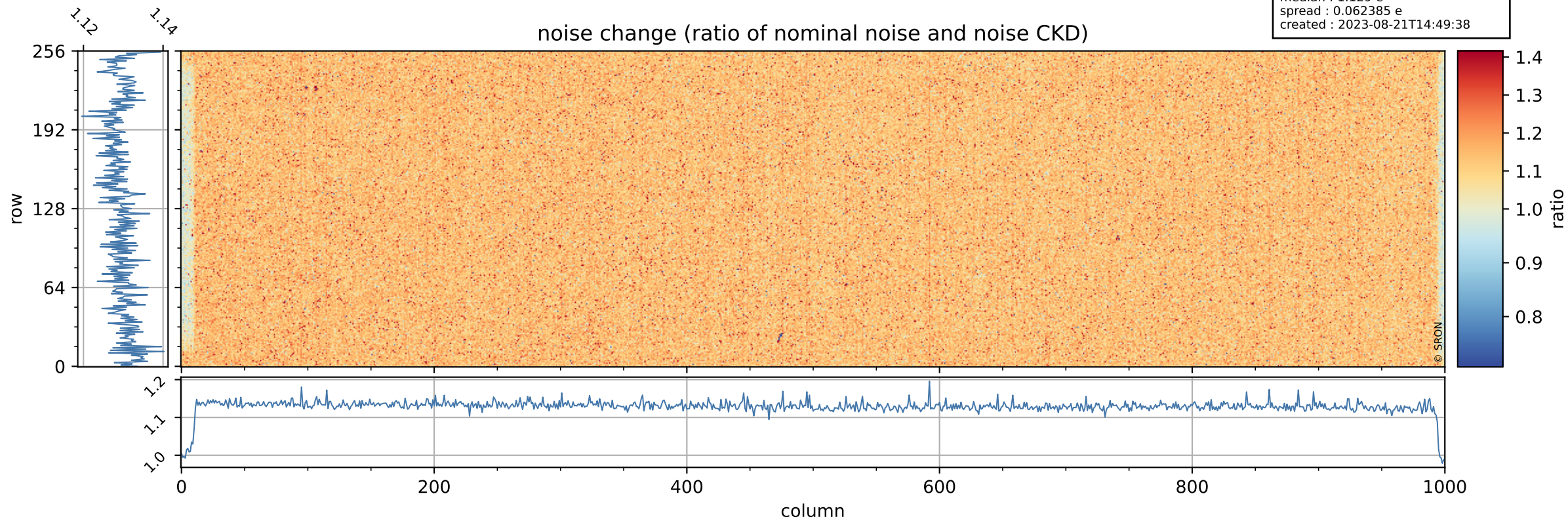
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
median : 1.0025 e
spread : 0.0081803 e
created : 2023-08-21T14:49:37



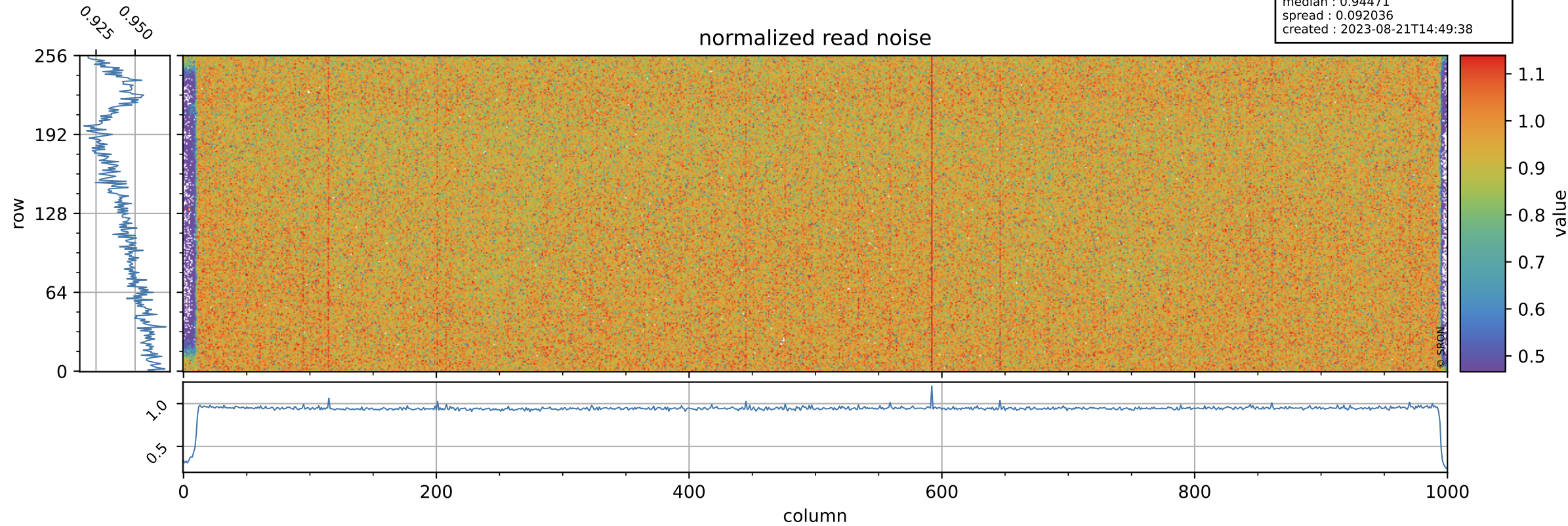
Tropomi SWIR background noise (swir)

orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
median : 1.129 e
spread : 0.062385 e
created : 2023-08-21T14:49:38



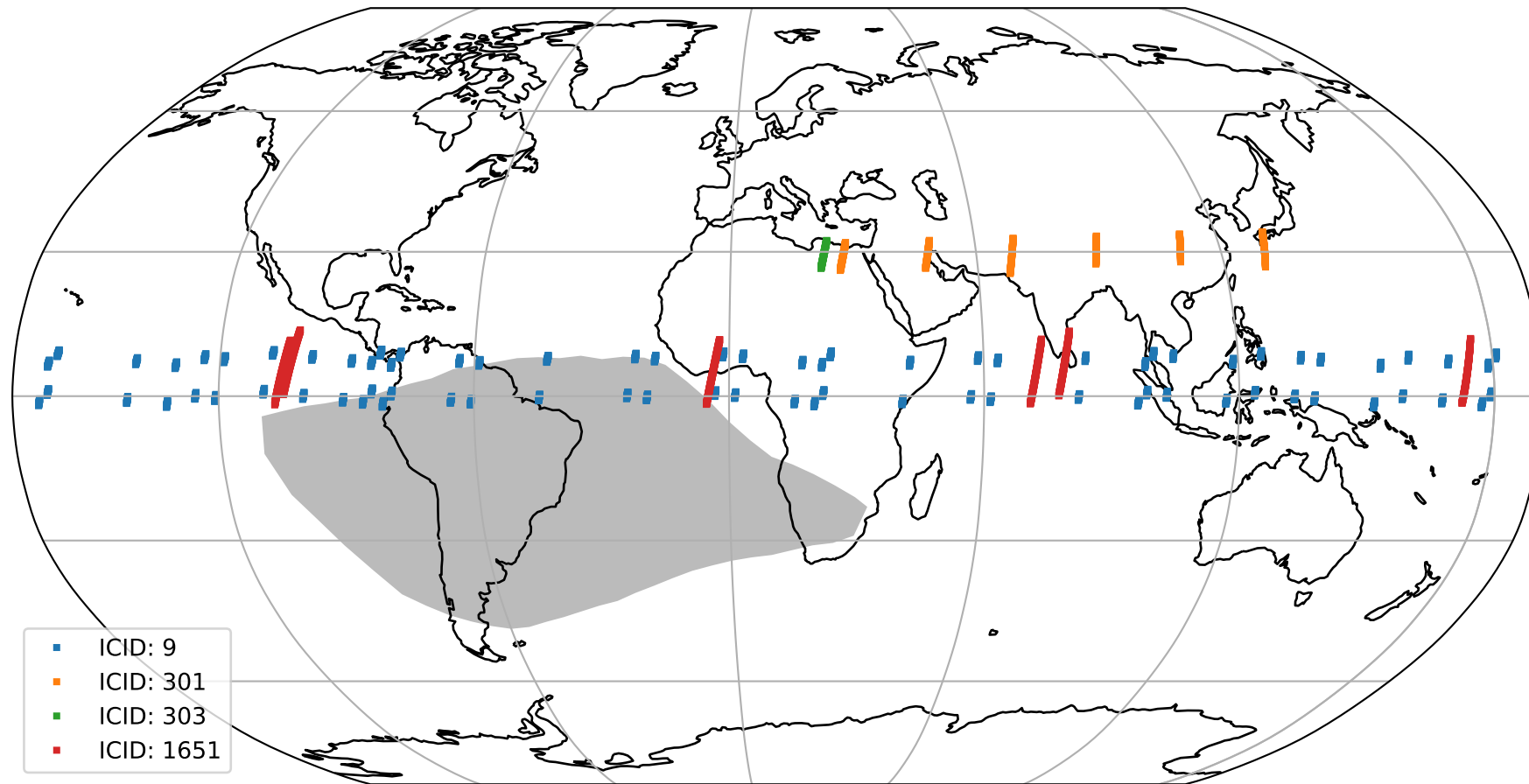
Tropomi SWIR background noise (swir)

orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
median : 0.94471
spread : 0.092036
created : 2023-08-21T14:49:38



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

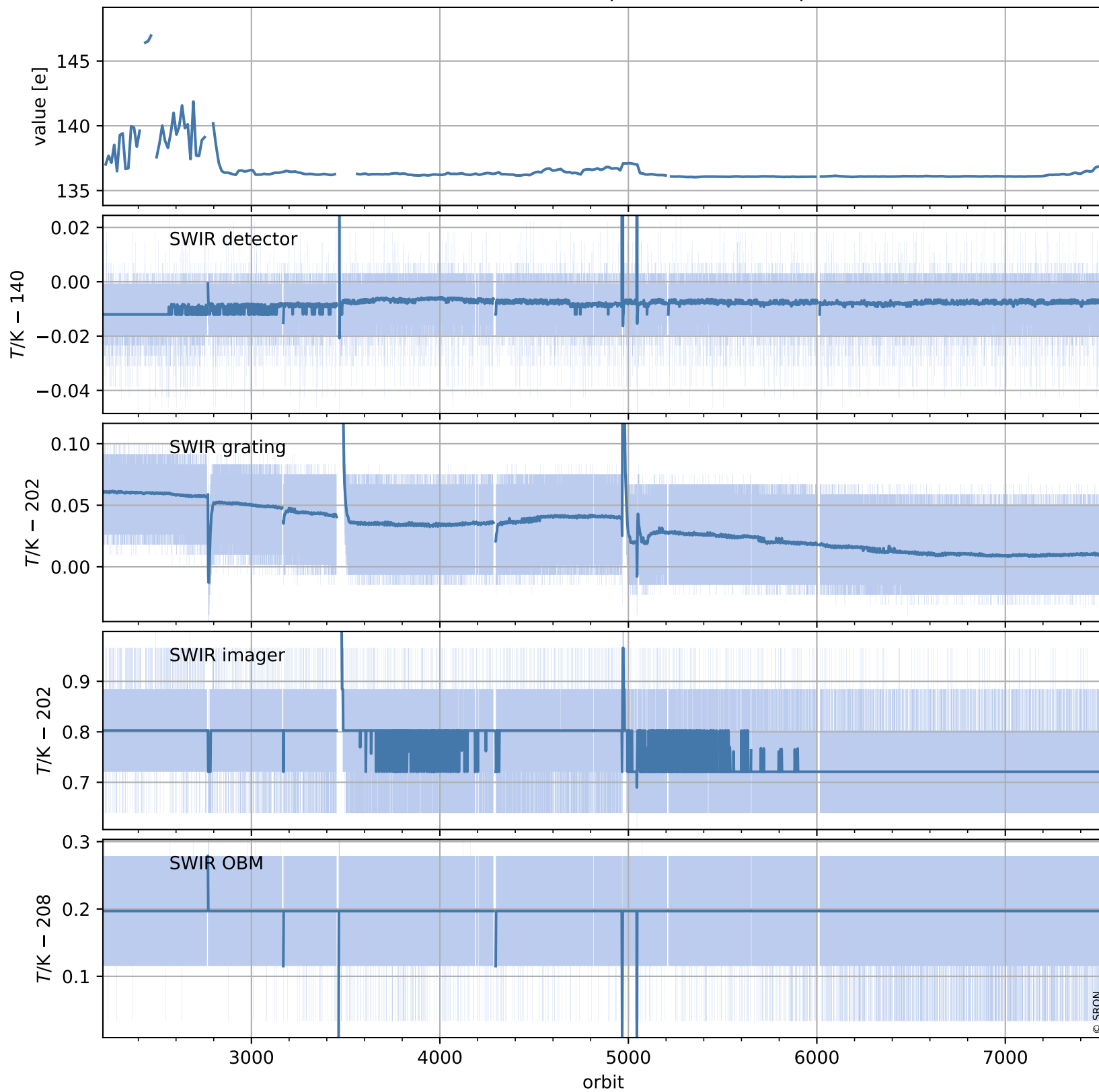
orbits : 13 in [7432, 7522]
coverage : 2019-03-21 / 2019-03-27
created : 2023-08-21T14:49:39



Tropomi SWIR background noise (swir)

orbits : [2212, 7522]
coverage : 2018-03-18 / 2019-03-27
created : 2023-08-21T14:49:39

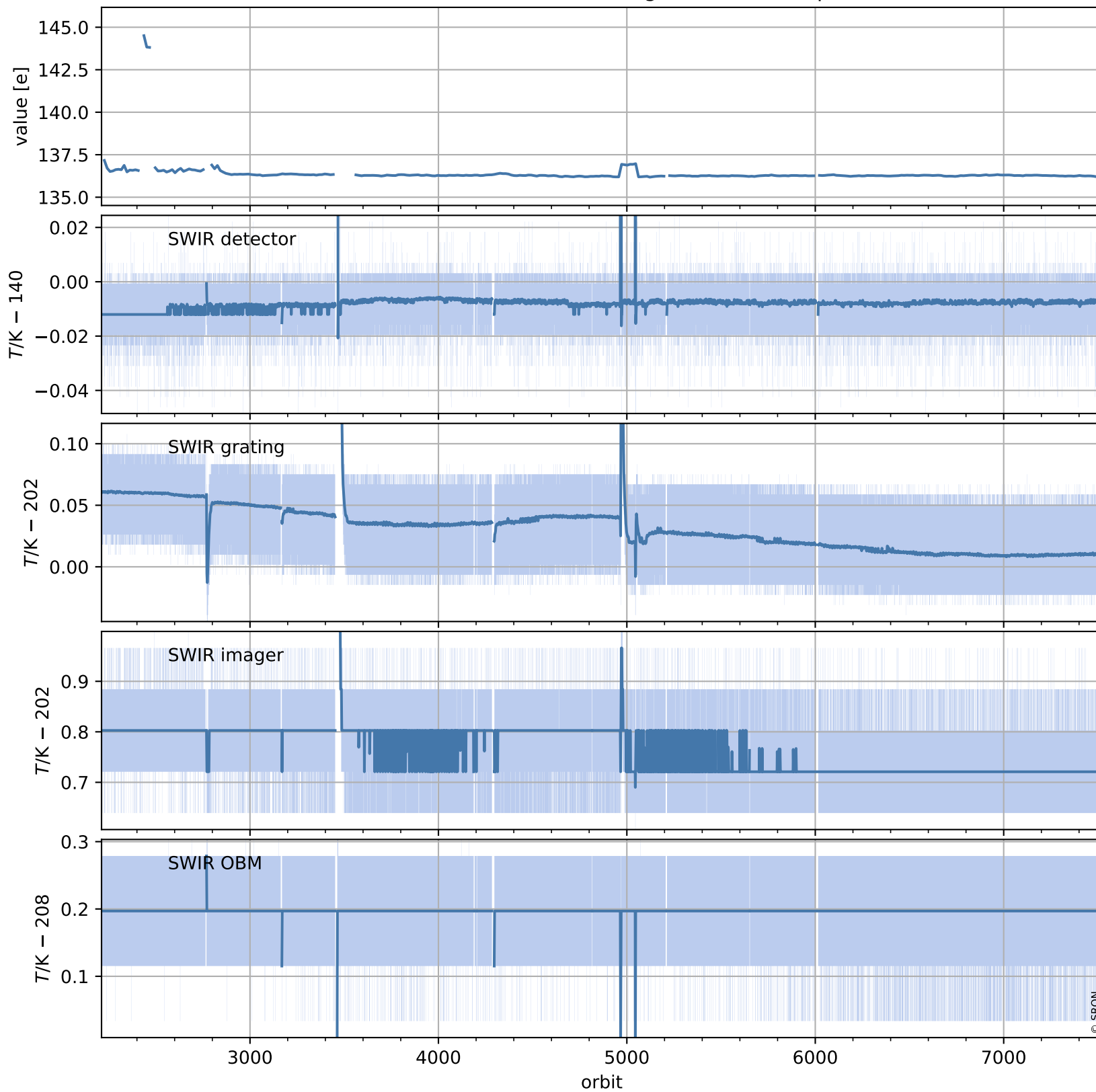
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7522]
coverage : 2018-03-18 / 2019-03-27
created : 2023-08-21T14:49:40

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7522]
coverage : 2018-03-18 / 2019-03-27
created : 2023-08-21T14:49:41

trend of normalized read-noise & temperatures

