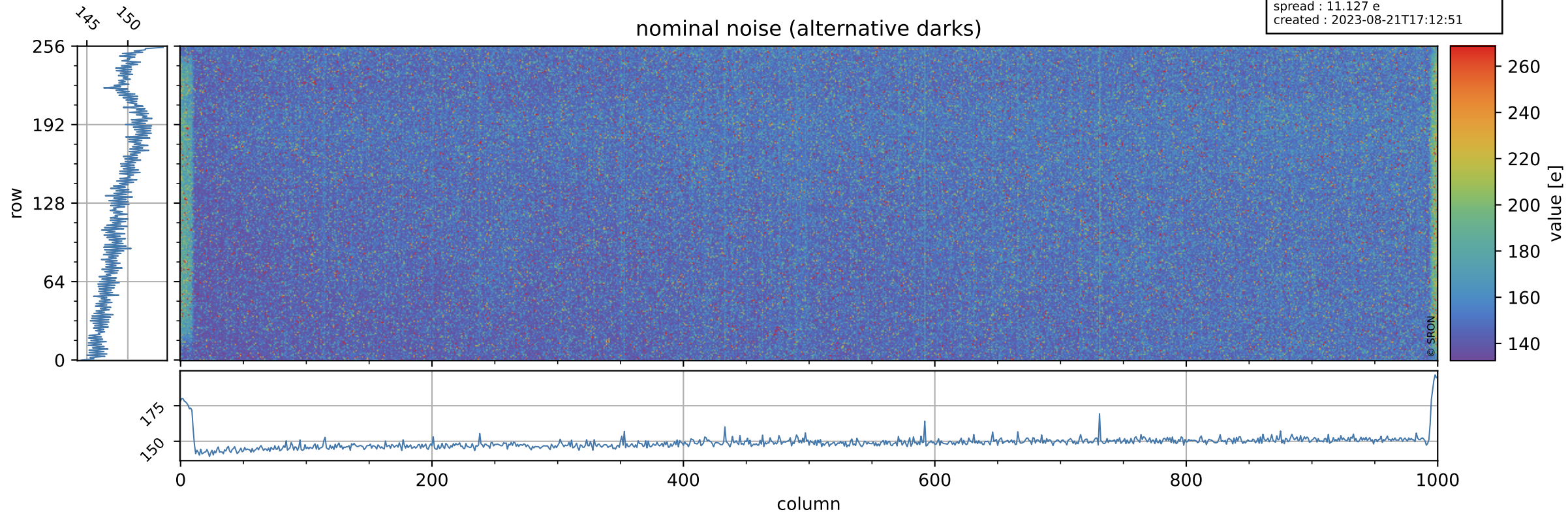


Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
n_coad, t_exp : 1, 1.0783
median : 148.96 e
spread : 11.127 e
created : 2023-08-21T17:12:51

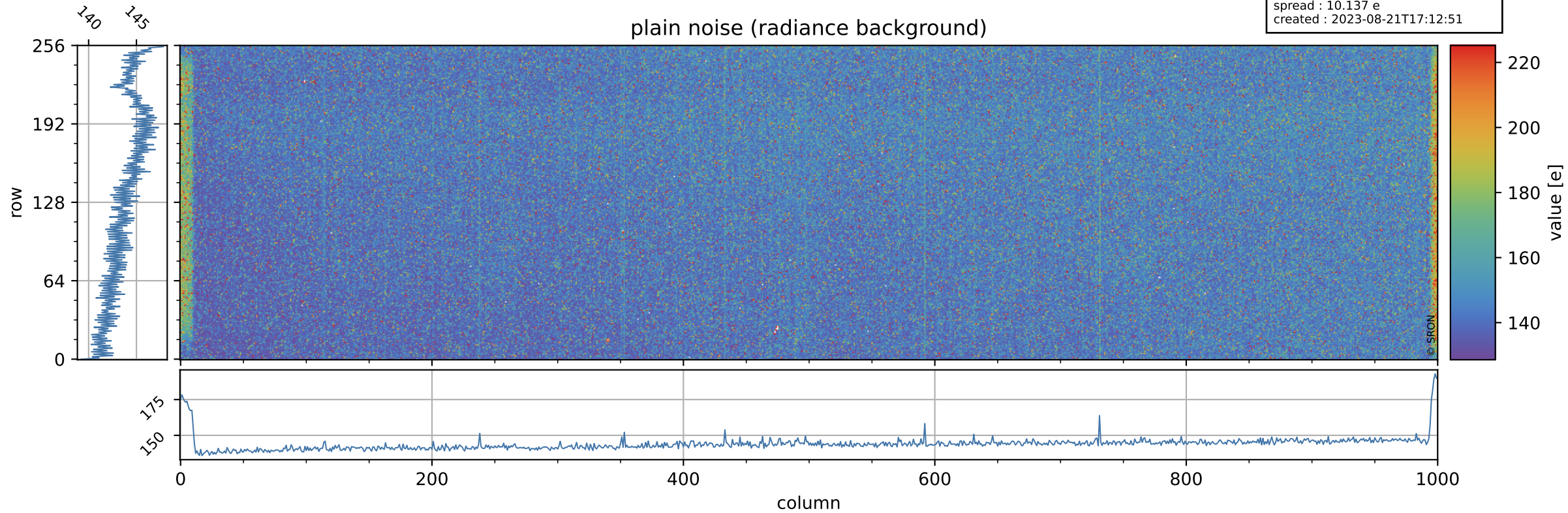
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 10.137 e
created : 2023-08-21T17:12:51

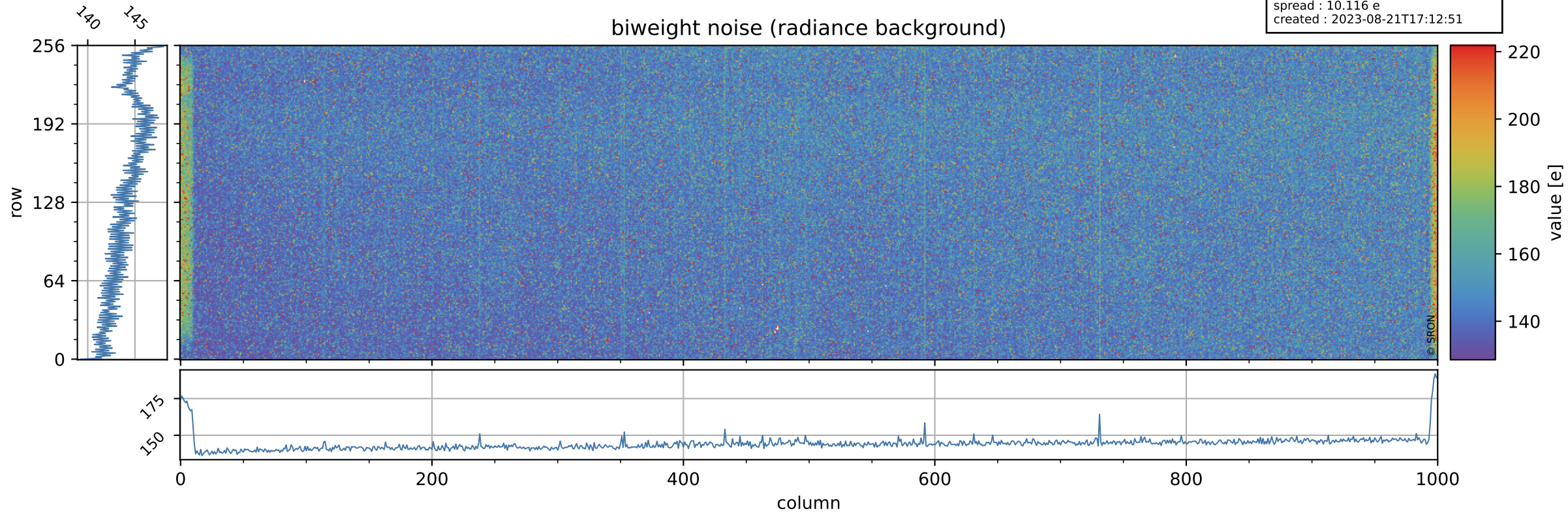
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
n_coad, t_exp : 1, 0.8383
median : 143.93 e
spread : 10.116 e
created : 2023-08-21T17:12:51

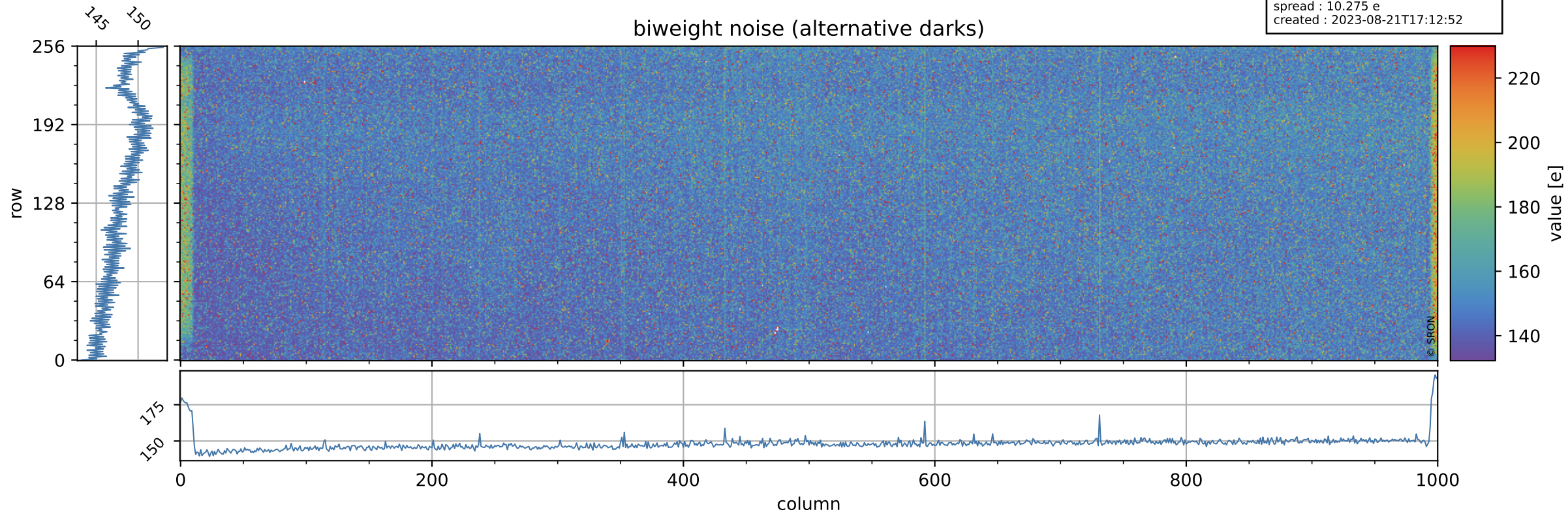
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
n_coad, t_exp : 1, 1.0783
median : 147.9 e
spread : 10.275 e
created : 2023-08-21T17:12:52

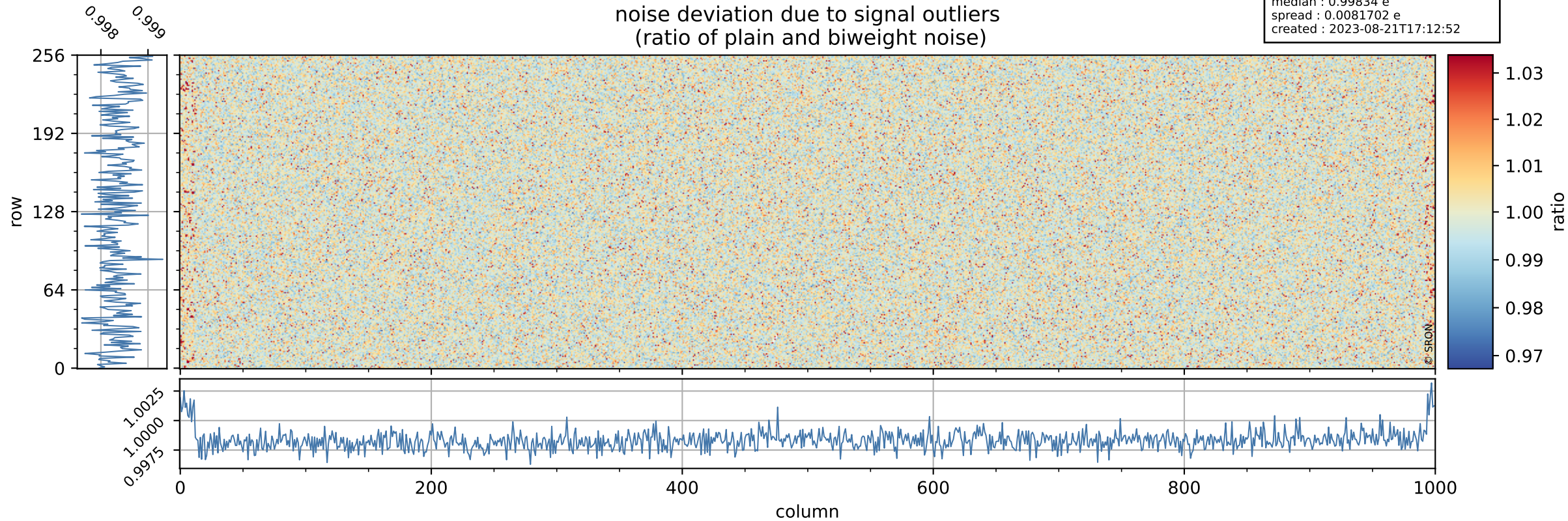
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

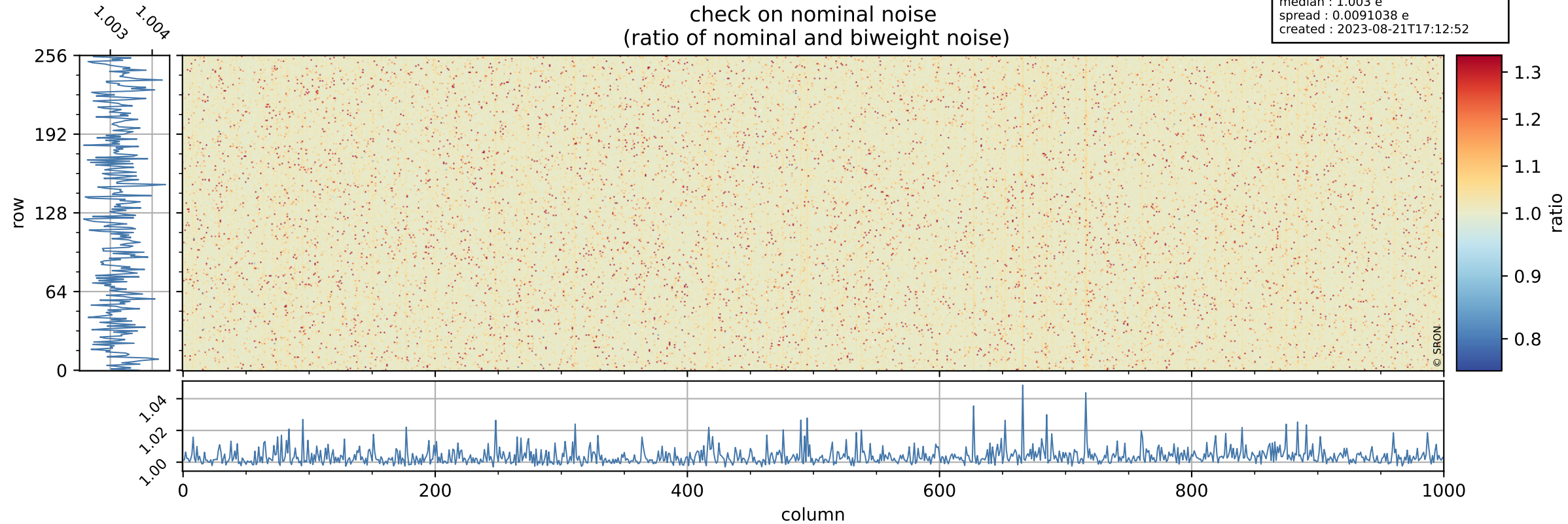
orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
median : 0.99834 e
spread : 0.0081702 e
created : 2023-08-21T17:12:52



Tropomi SWIR background noise (swir)

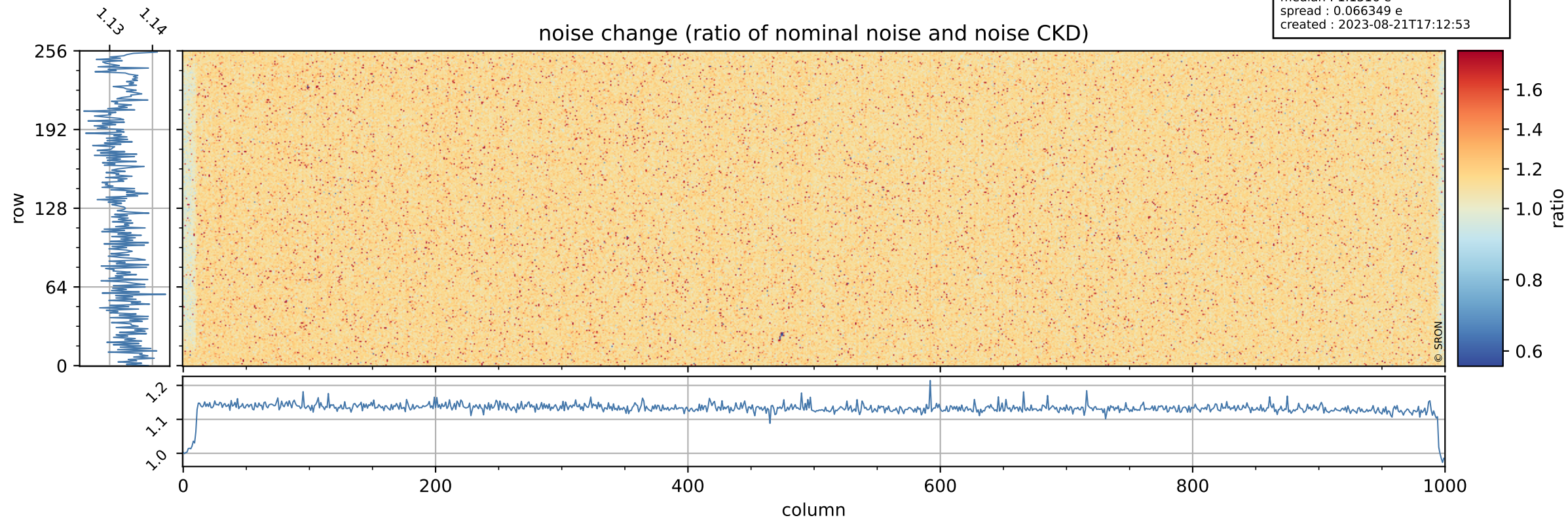
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
median : 1.003 e
spread : 0.0091038 e
created : 2023-08-21T17:12:52



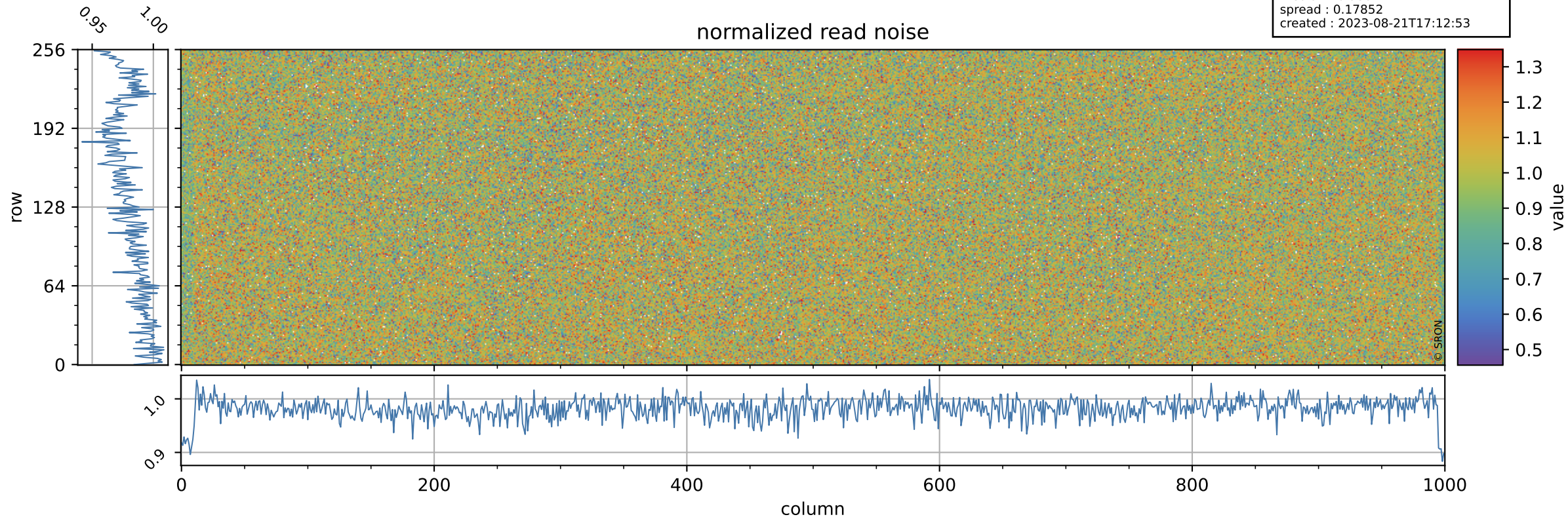
Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
median : 1.1316 e
spread : 0.066349 e
created : 2023-08-21T17:12:53



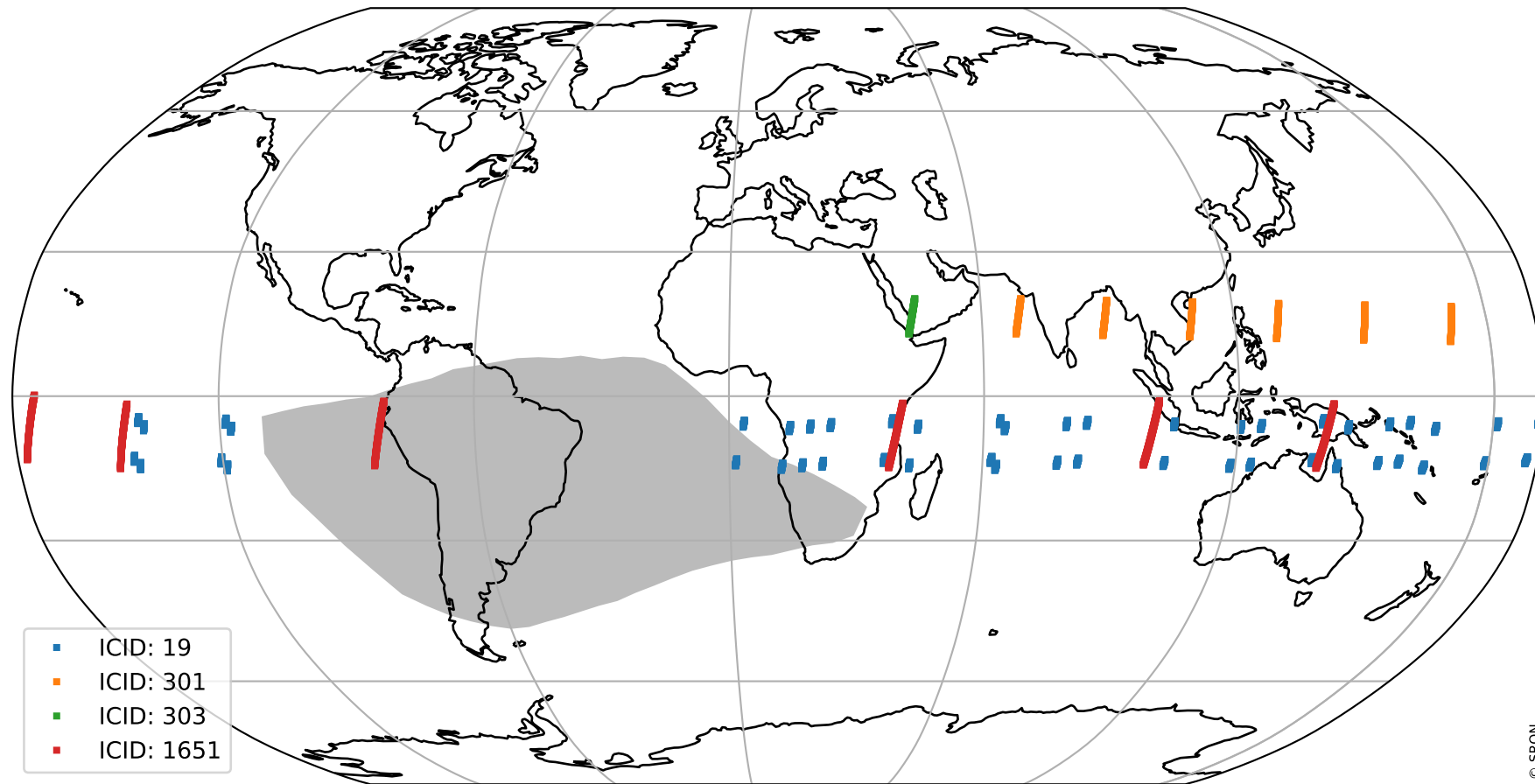
Tropomi SWIR background noise (swir)

orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
median : 0.98012
spread : 0.17852
created : 2023-08-21T17:12:53



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

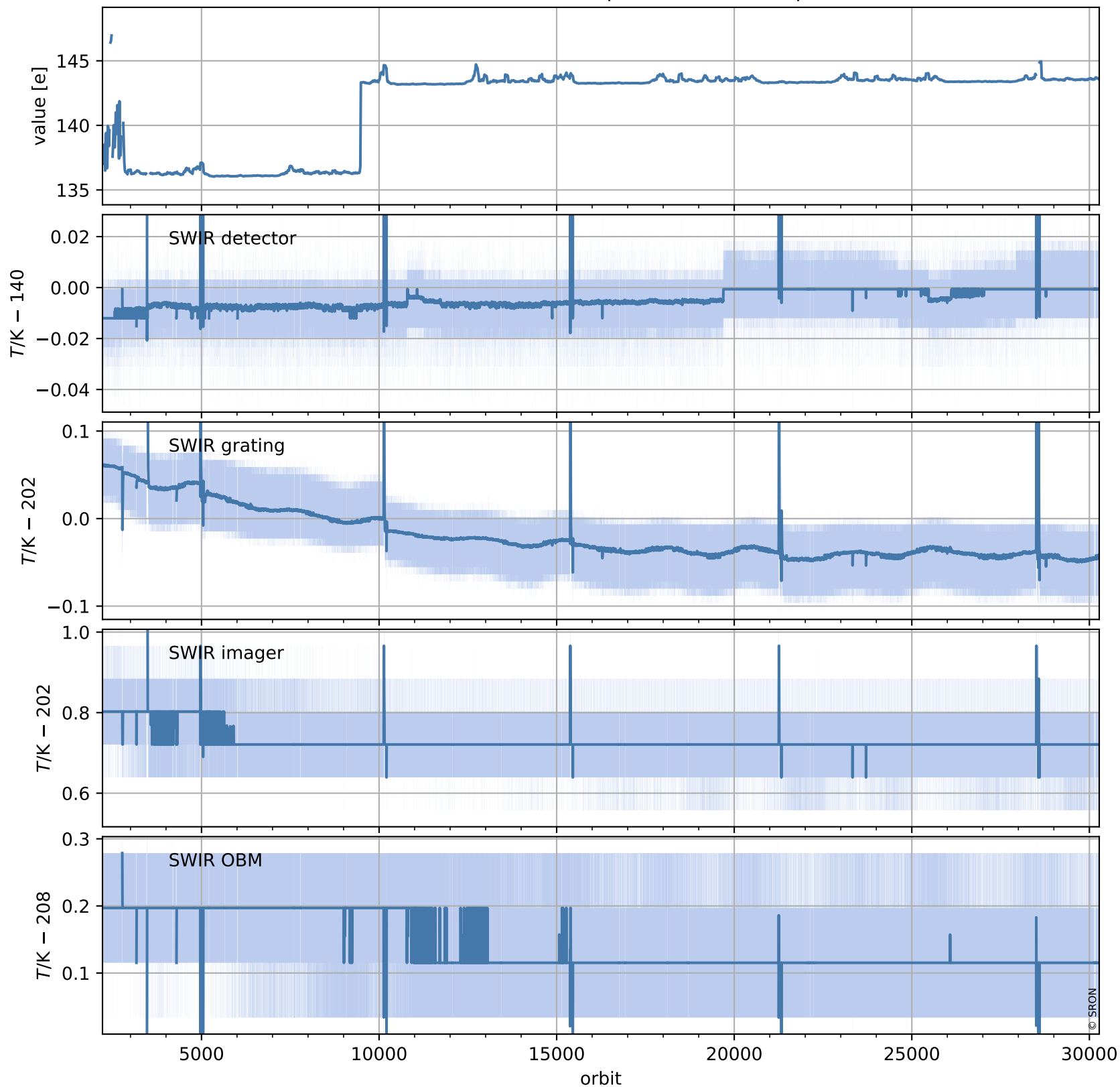
orbits : 13 in [30187, 30277]
coverage : 2023-08-11 / 2023-08-17
created : 2023-08-21T17:12:53



Tropomi SWIR background noise (swir)

orbits : [2212, 30277]
coverage : 2018-03-18 / 2023-08-17
created : 2023-08-21T17:12:54

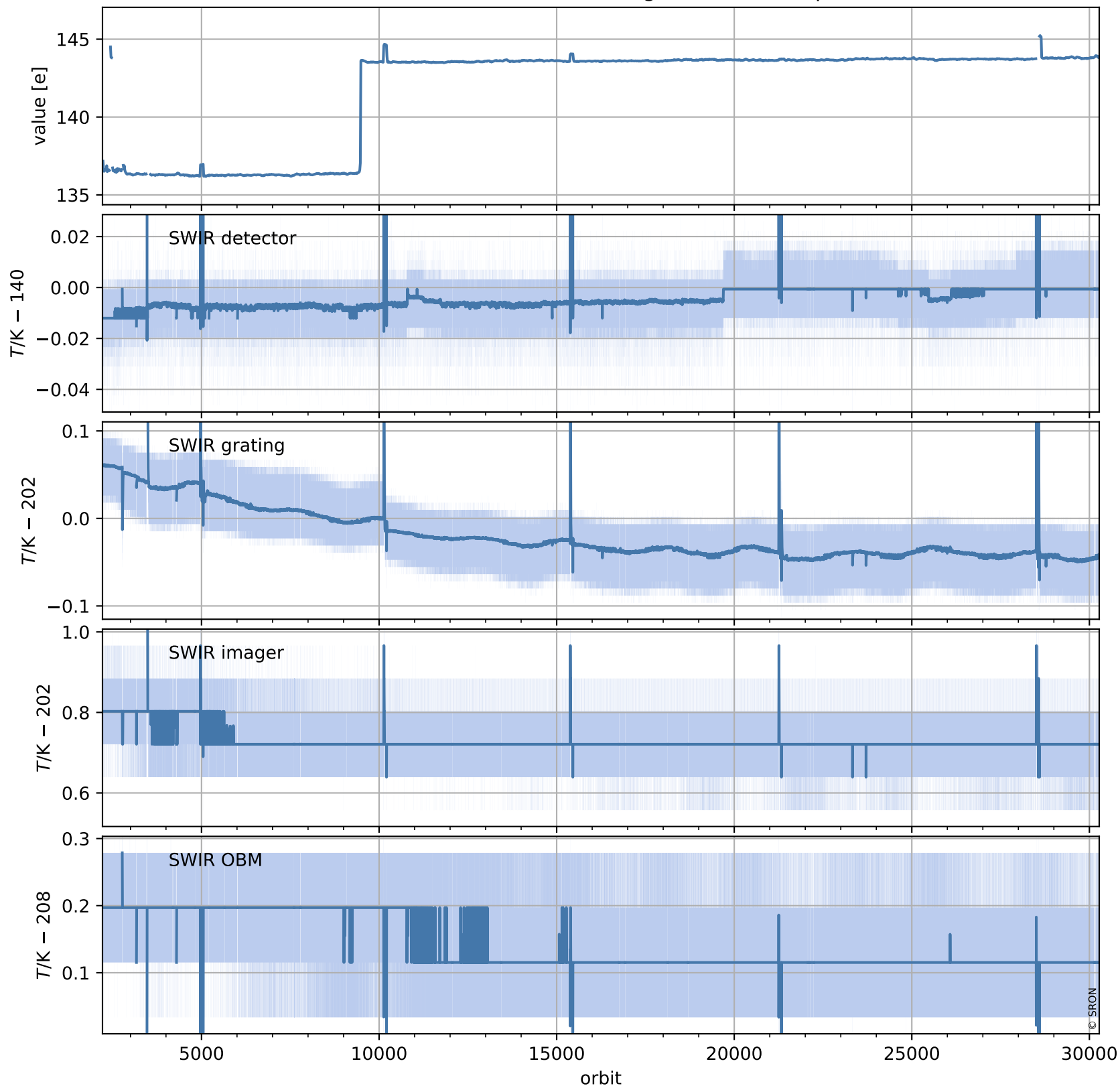
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30277]
coverage : 2018-03-18 / 2023-08-17
created : 2023-08-21T17:12:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 30277]
coverage : 2018-03-18 / 2023-08-17
created : 2023-08-21T17:12:56

trend of normalized read-noise & temperatures

