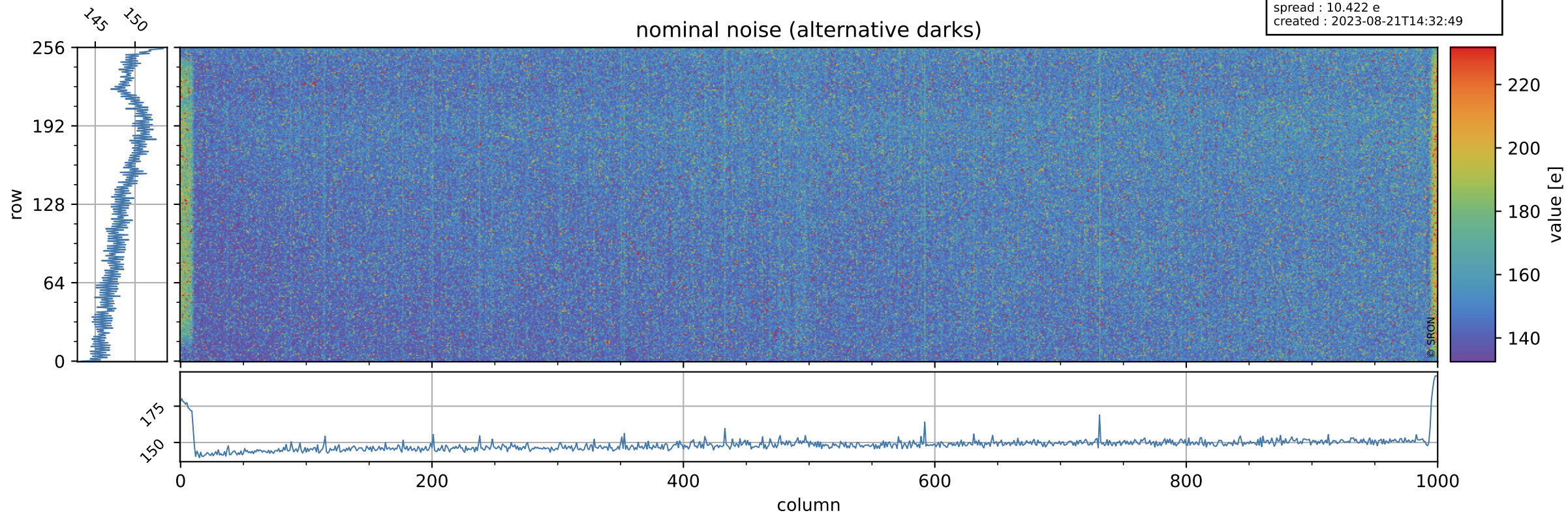


Tropomi SWIR background noise (swir)

orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.422 e
created : 2023-08-21T14:32:49

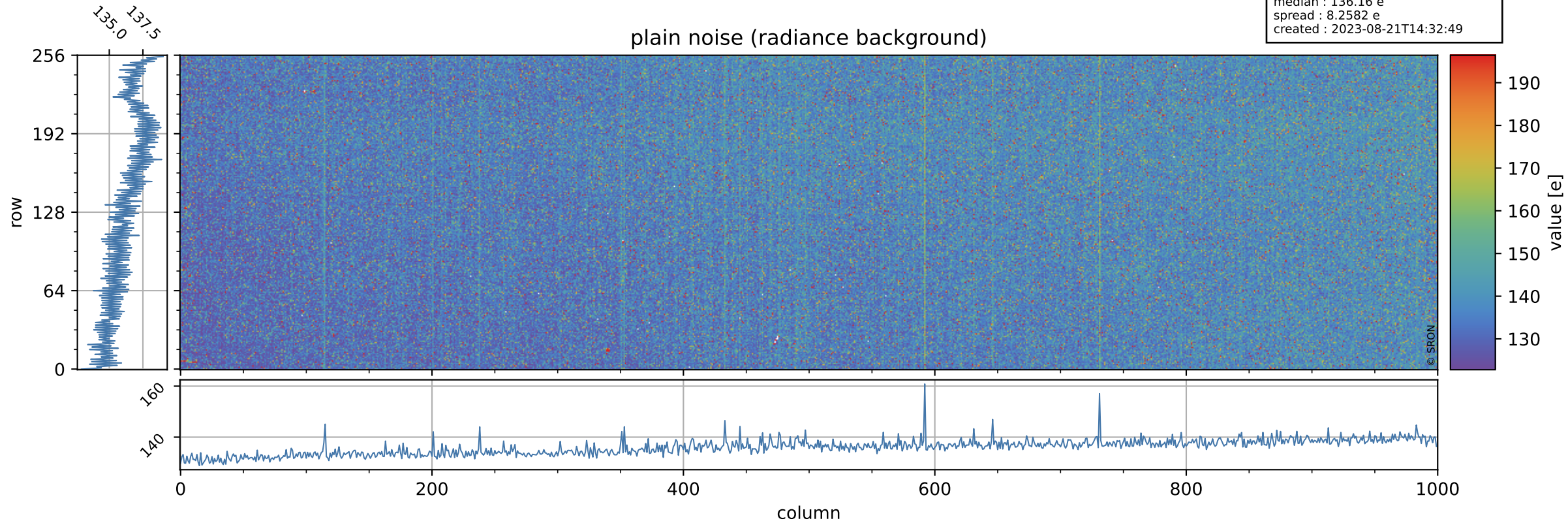
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2582 e
created : 2023-08-21T14:32:49

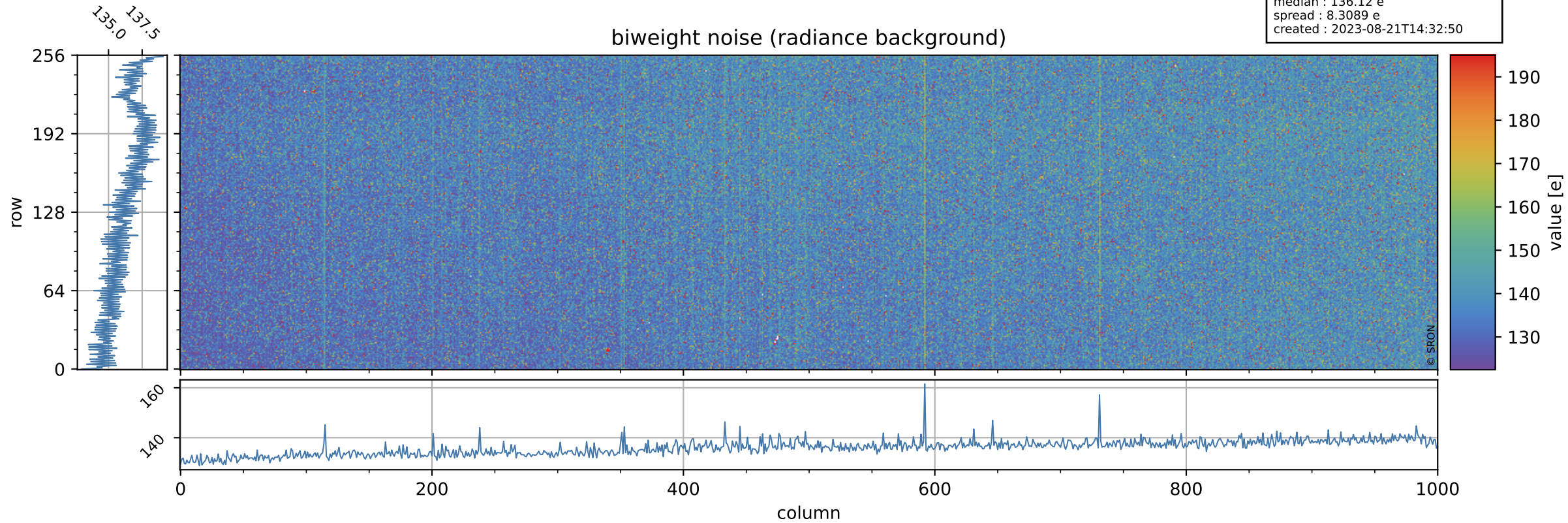
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
n_coad, t_exp : 2, 0.5383
median : 136.12 e
spread : 8.3089 e
created : 2023-08-21T14:32:50

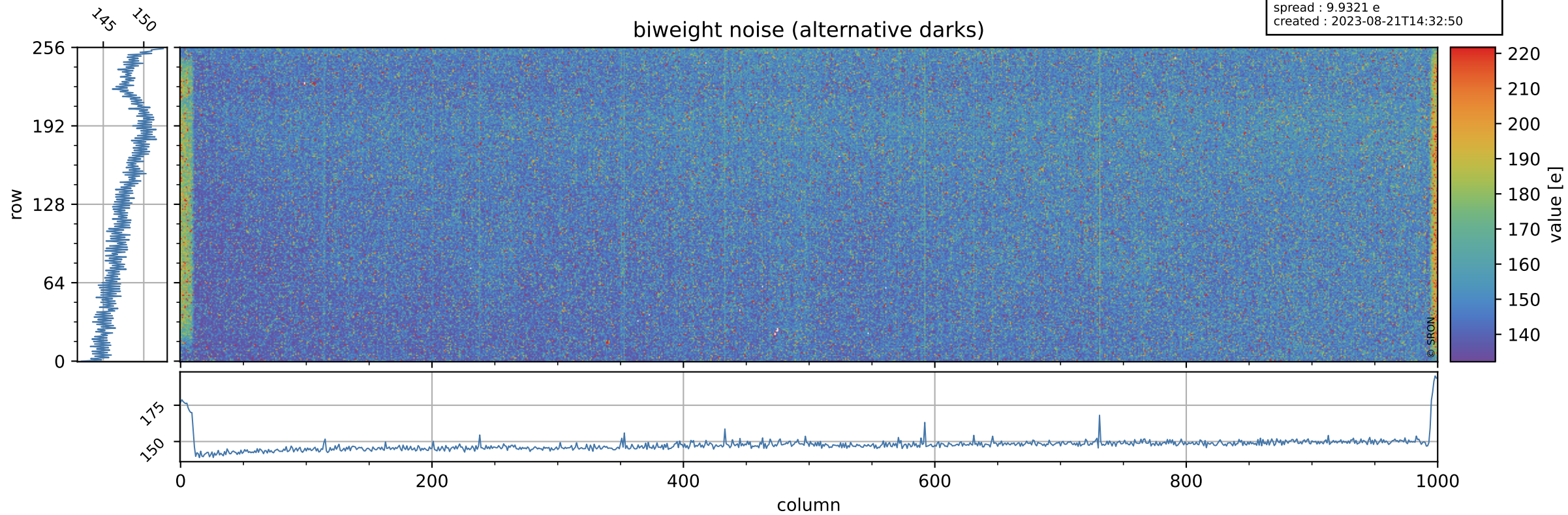
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9321 e
created : 2023-08-21T14:32:50

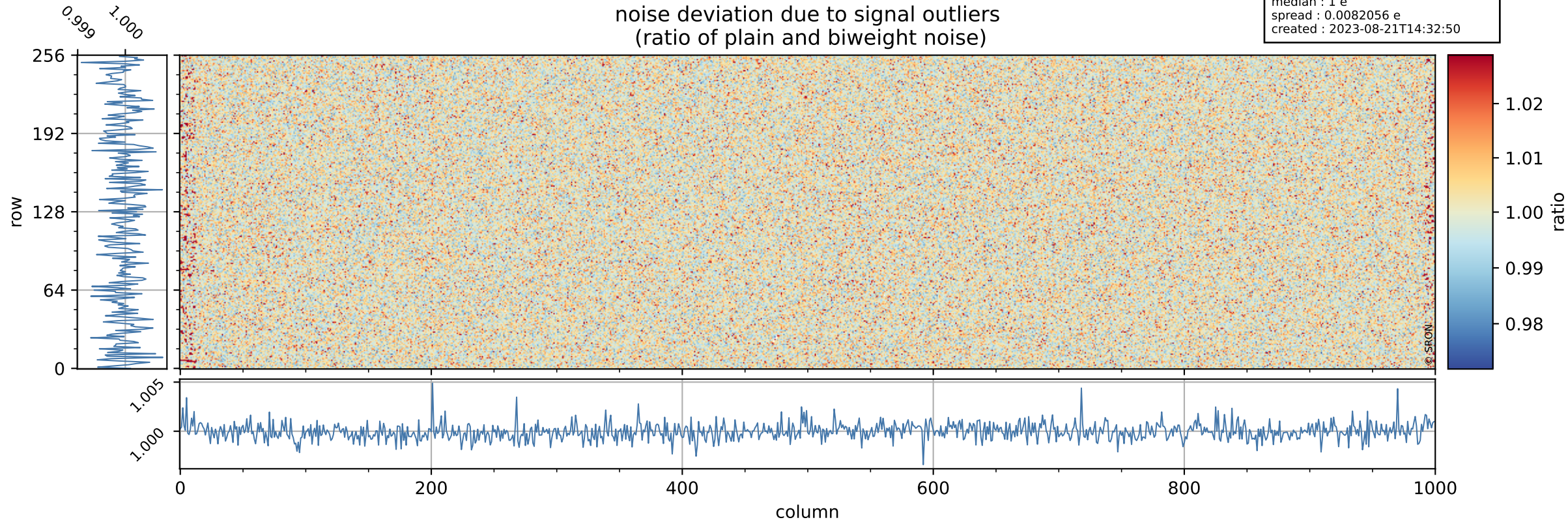
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

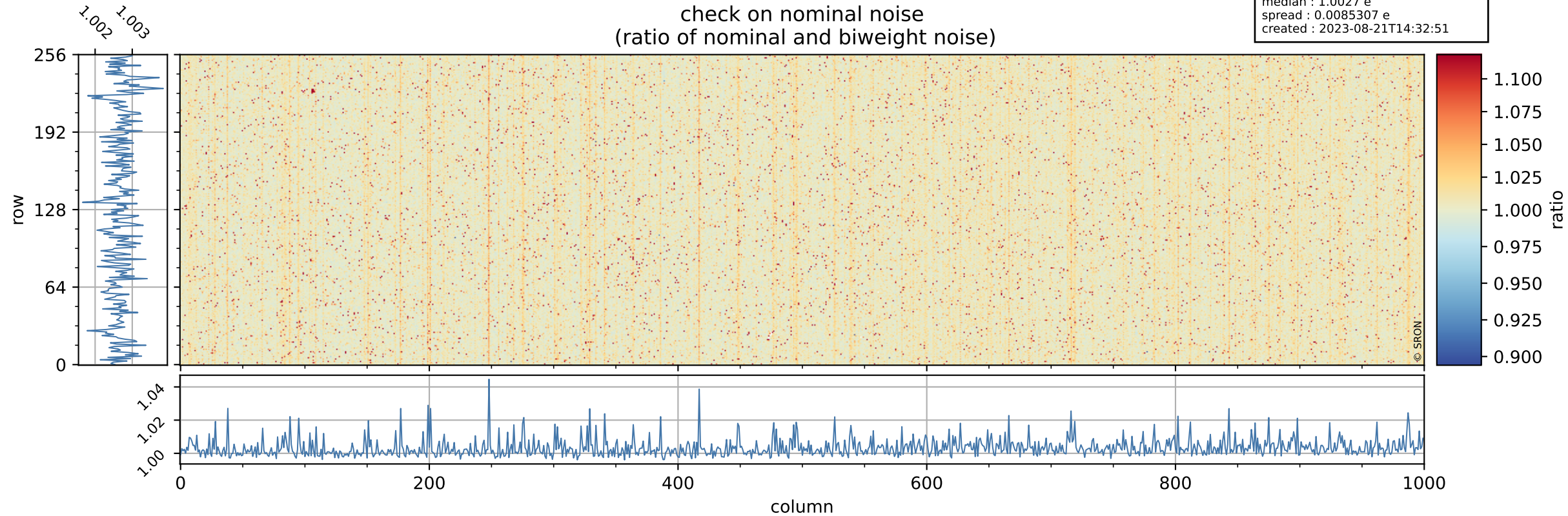
orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
median : 1 e
spread : 0.0082056 e
created : 2023-08-21T14:32:50



Tropomi SWIR background noise (swir)

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

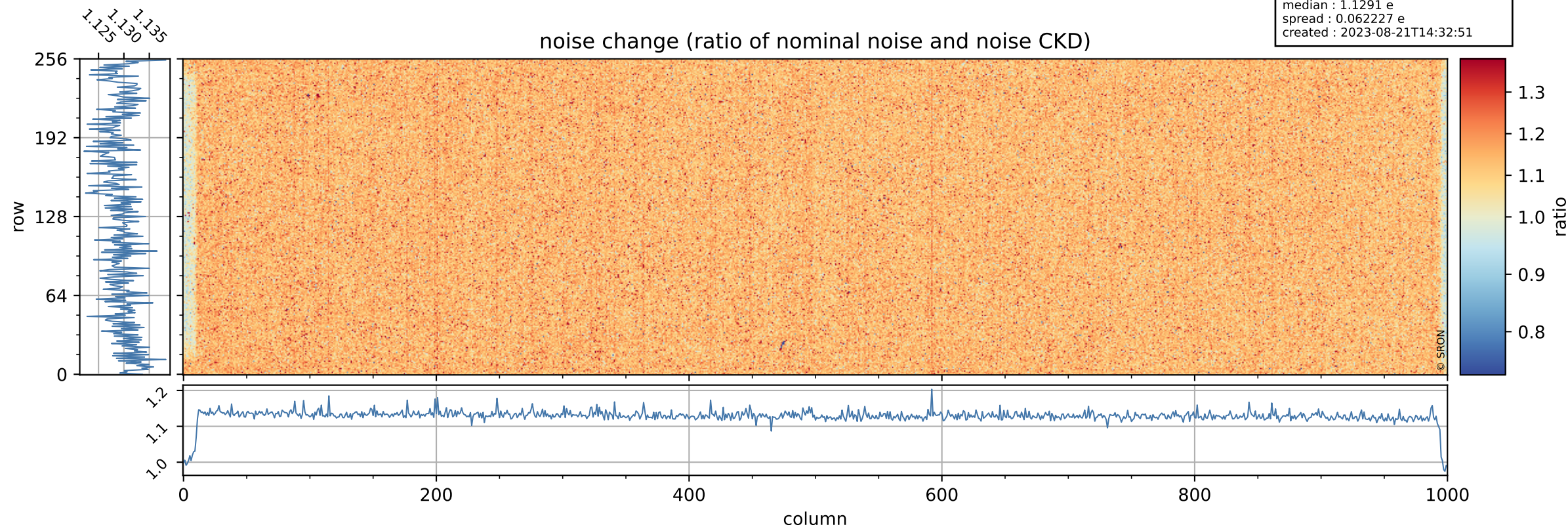
orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
median : 1.0027 e
spread : 0.0085307 e
created : 2023-08-21T14:32:51



Tropomi SWIR background noise (swir)

orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
median : 1.1291 e
spread : 0.062227 e
created : 2023-08-21T14:32:51

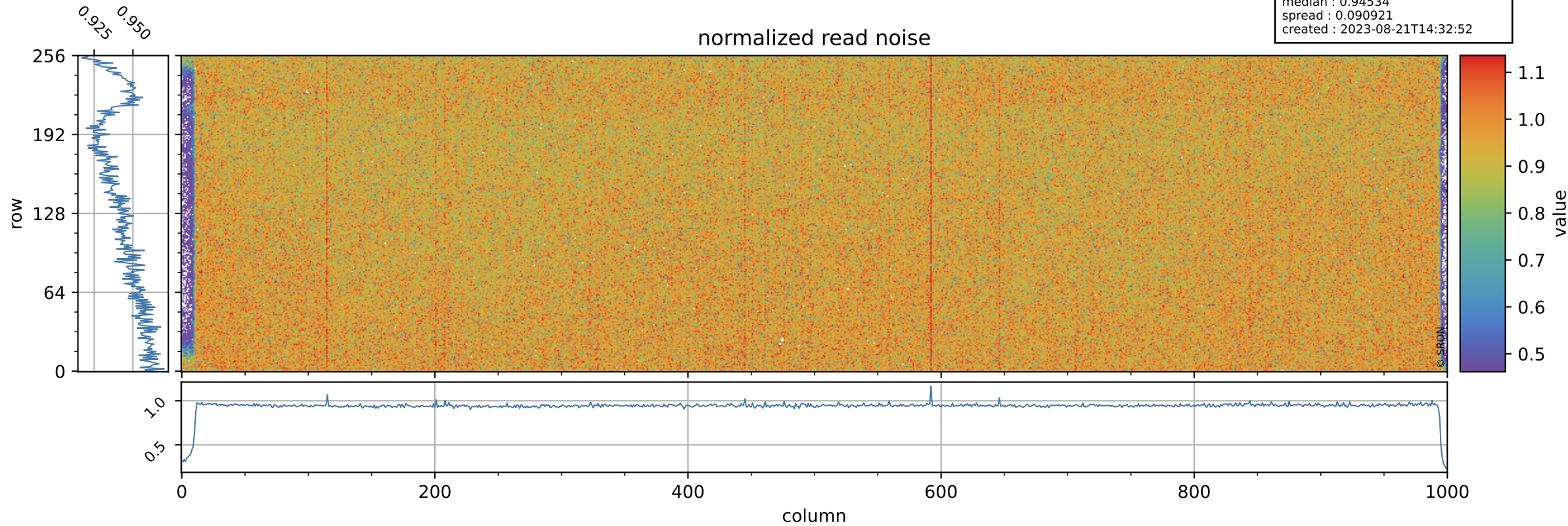
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

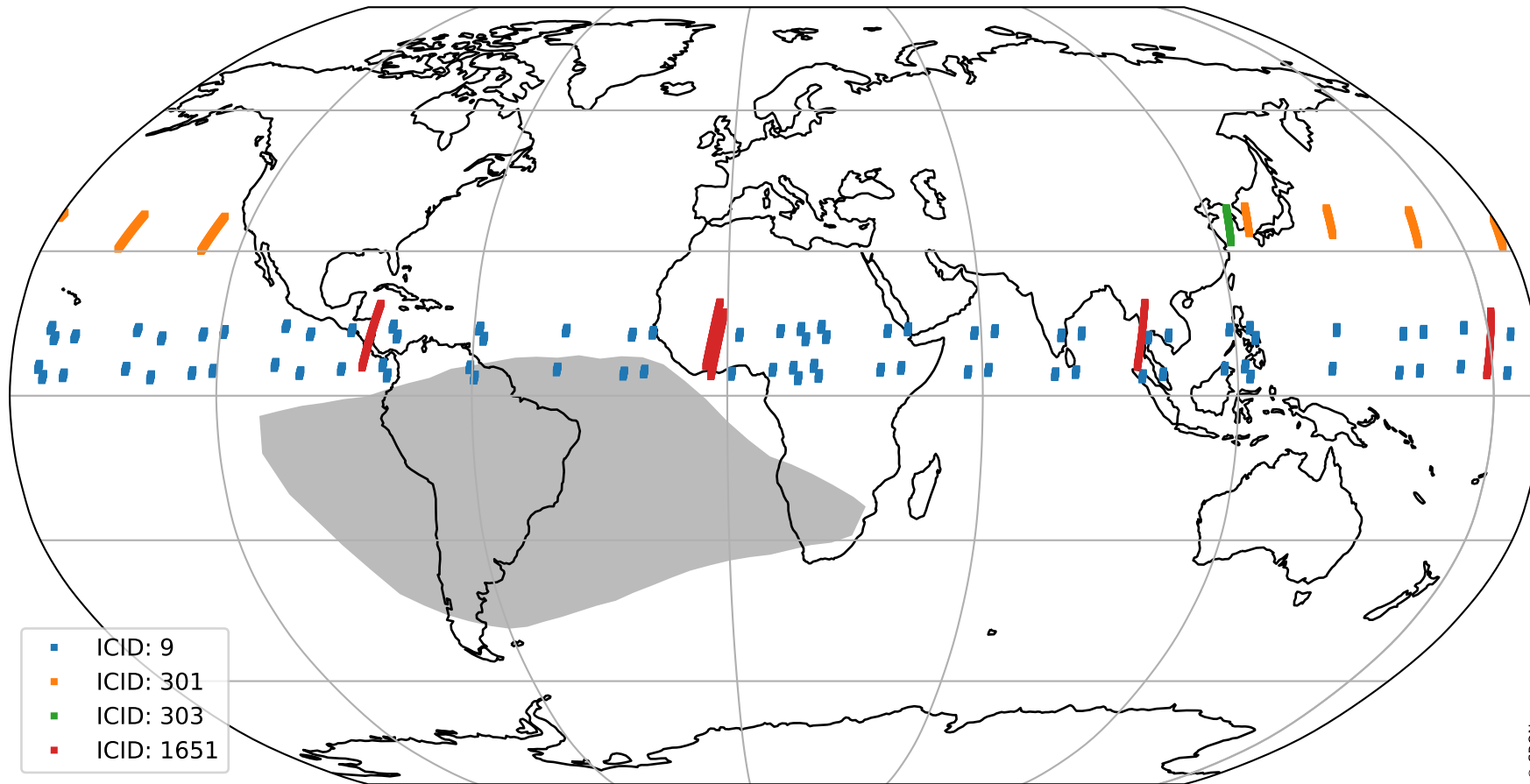
orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
median : 0.94534
spread : 0.090921
created : 2023-08-21T14:32:52

normalized read noise



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

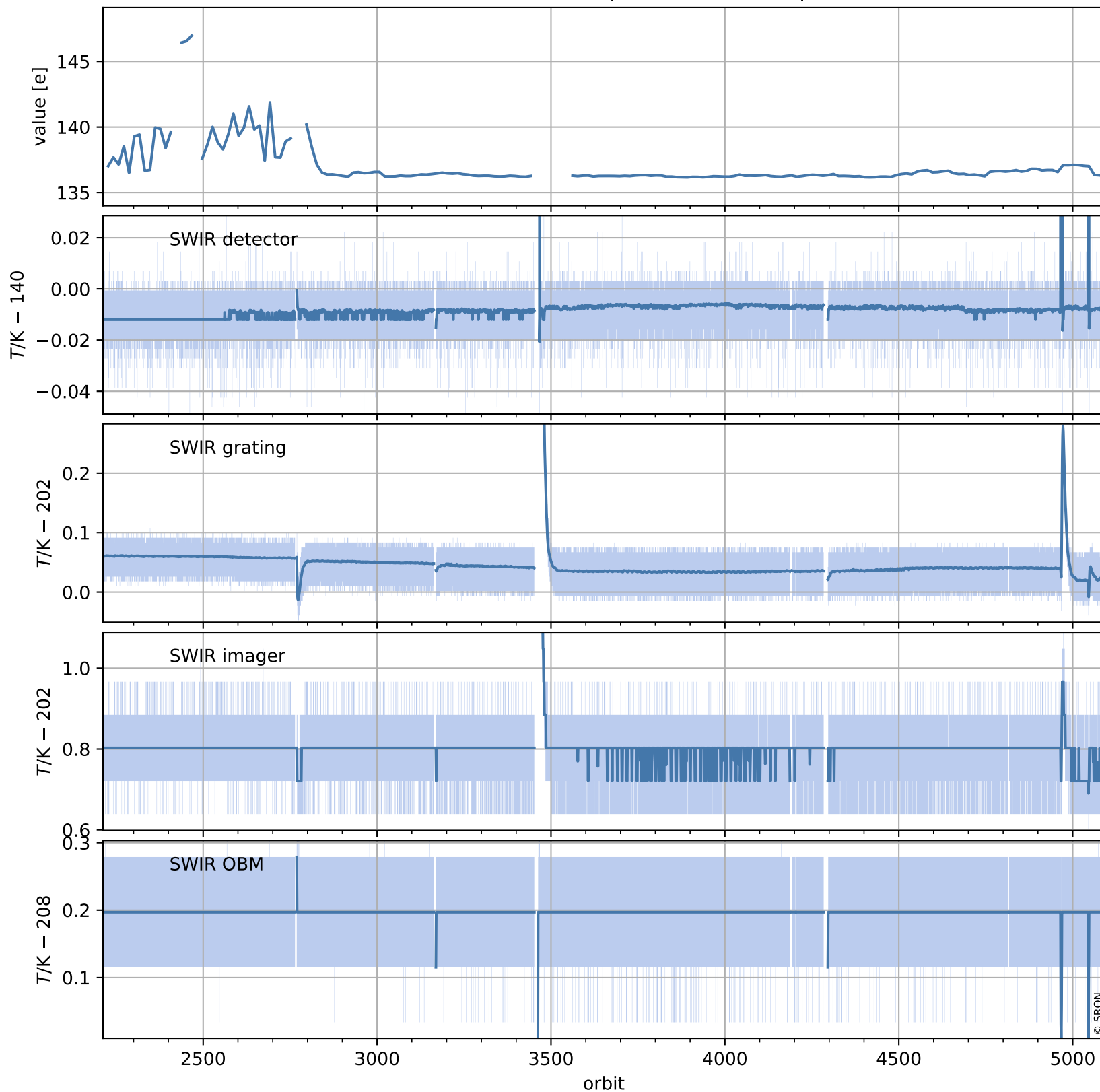
orbits : 12 in [5002, 5092]
coverage : 2018-10-01 / 2018-10-07
created : 2023-08-21T14:32:52



Tropomi SWIR background noise (swir)

orbits : [2212, 5092]
coverage : 2018-03-18 / 2018-10-07
created : 2023-08-21T14:32:53

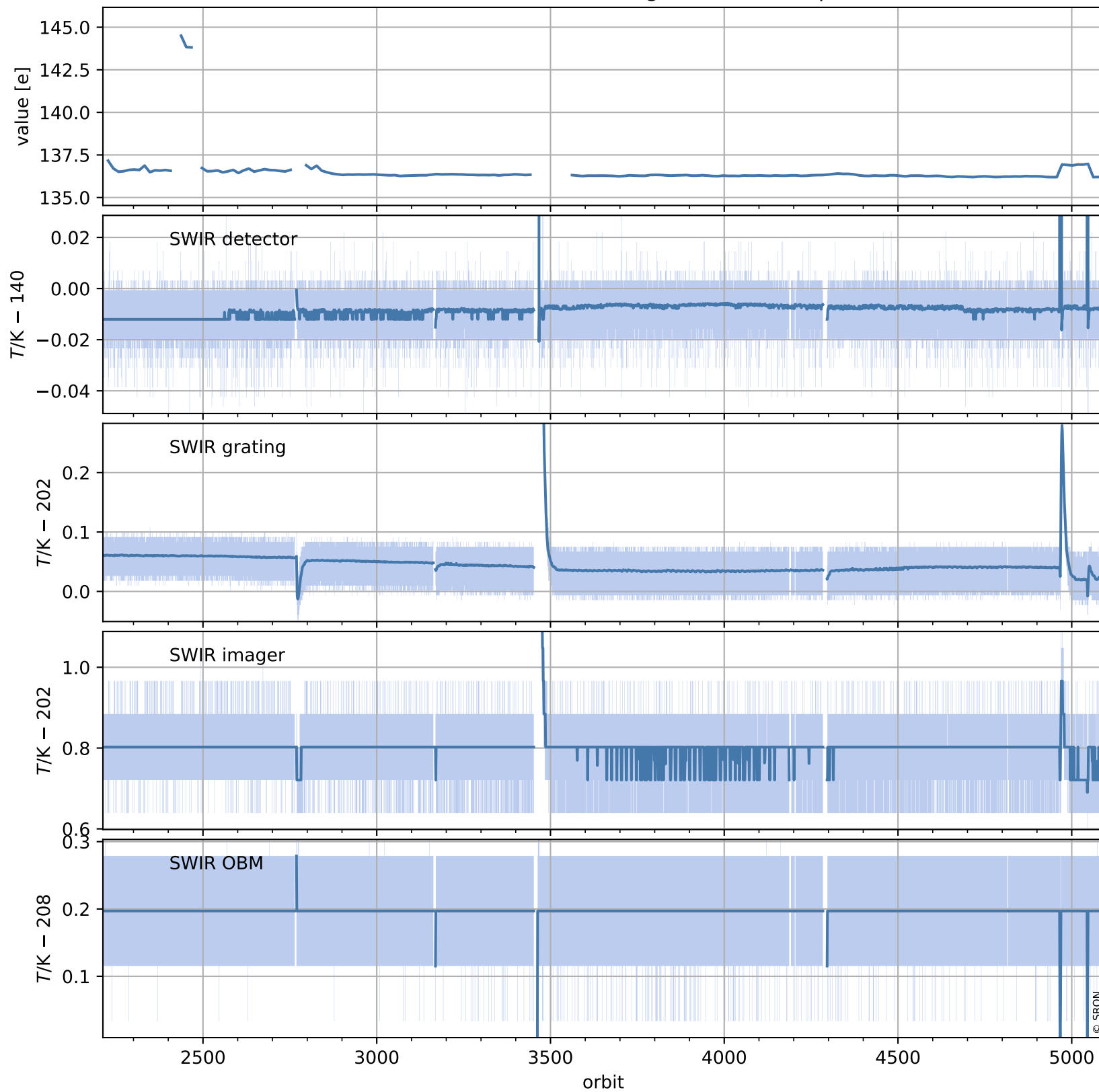
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5092]
coverage : 2018-03-18 / 2018-10-07
created : 2023-08-21T14:32:54

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5092]
coverage : 2018-03-18 / 2018-10-07
created : 2023-08-21T14:32:54

trend of normalized read-noise & temperatures

