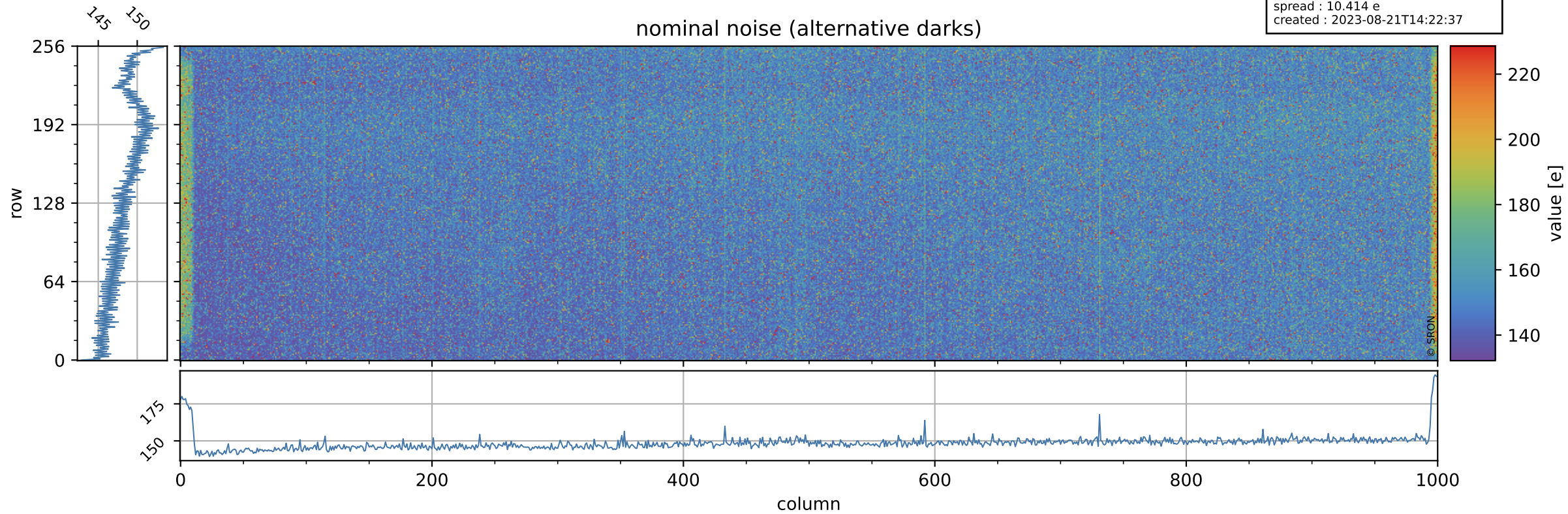


Tropomi SWIR background noise (swir)

orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
n_coad, t_exp : 1, 1.0783
median : 148.24 e
spread : 10.414 e
created : 2023-08-21T14:22:37

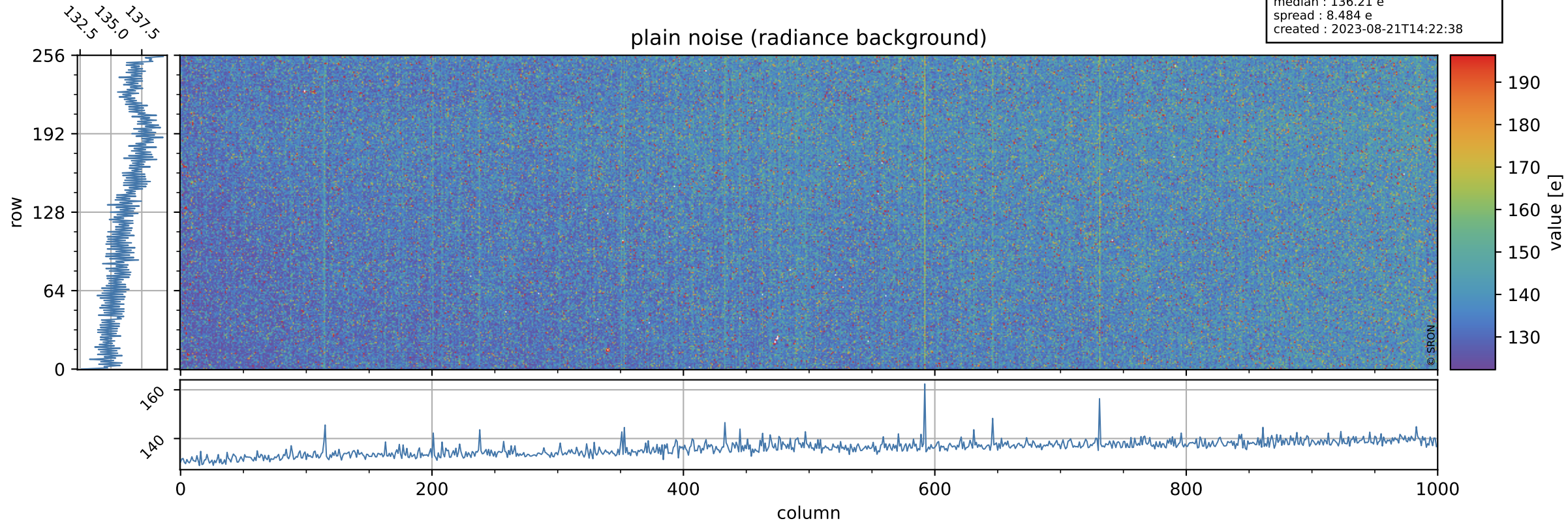
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.484 e
created : 2023-08-21T14:22:38

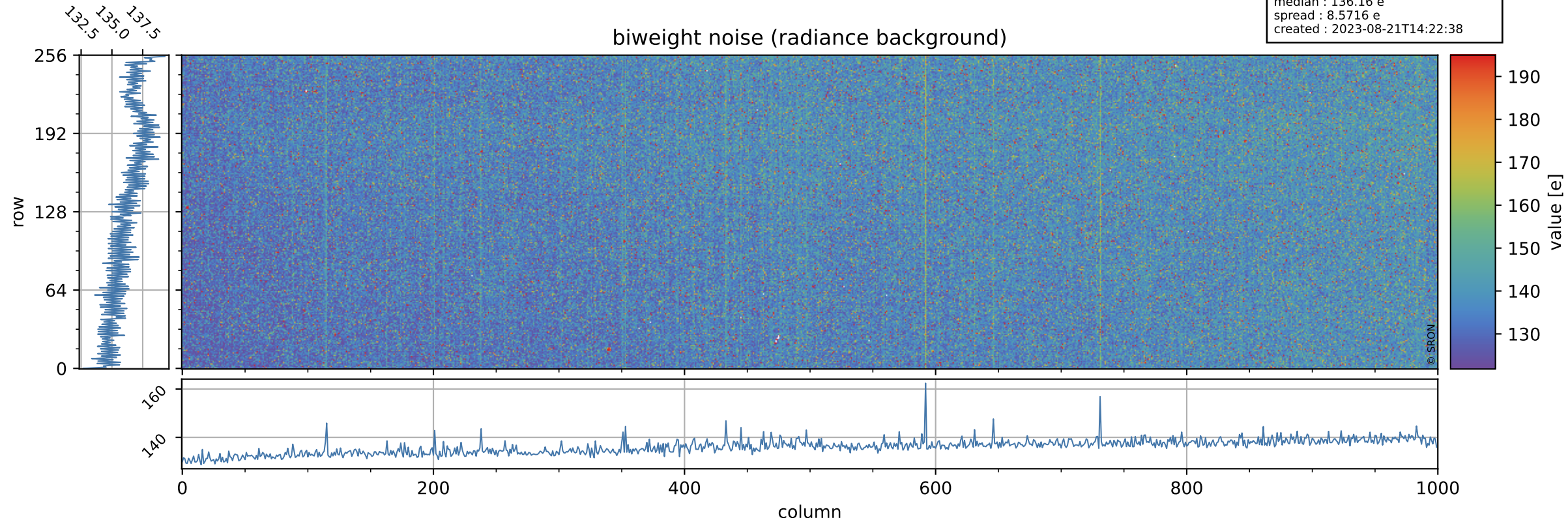
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.5716 e
created : 2023-08-21T14:22:38

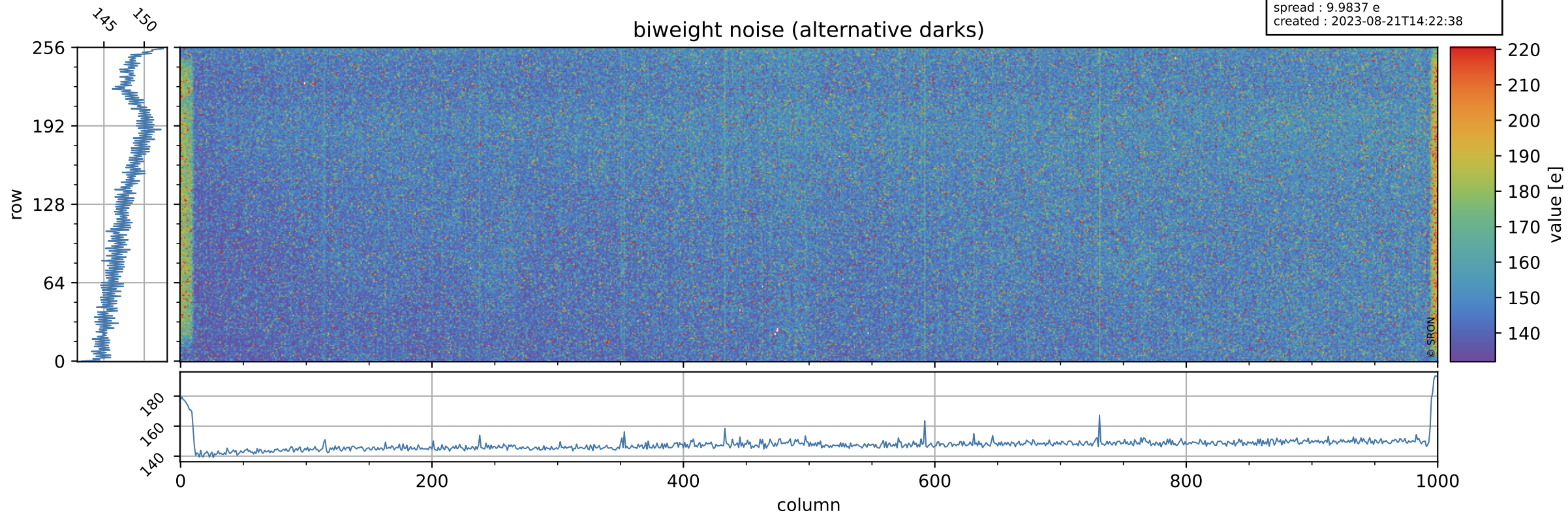
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 9.9837 e
created : 2023-08-21T14:22:38

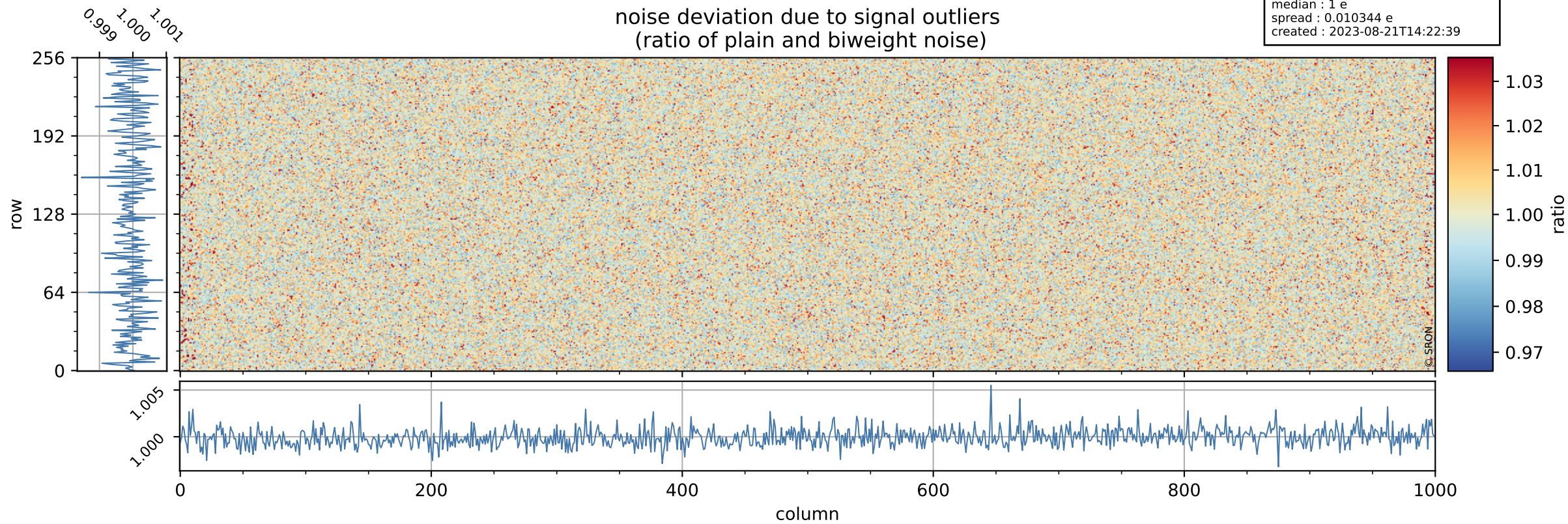
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

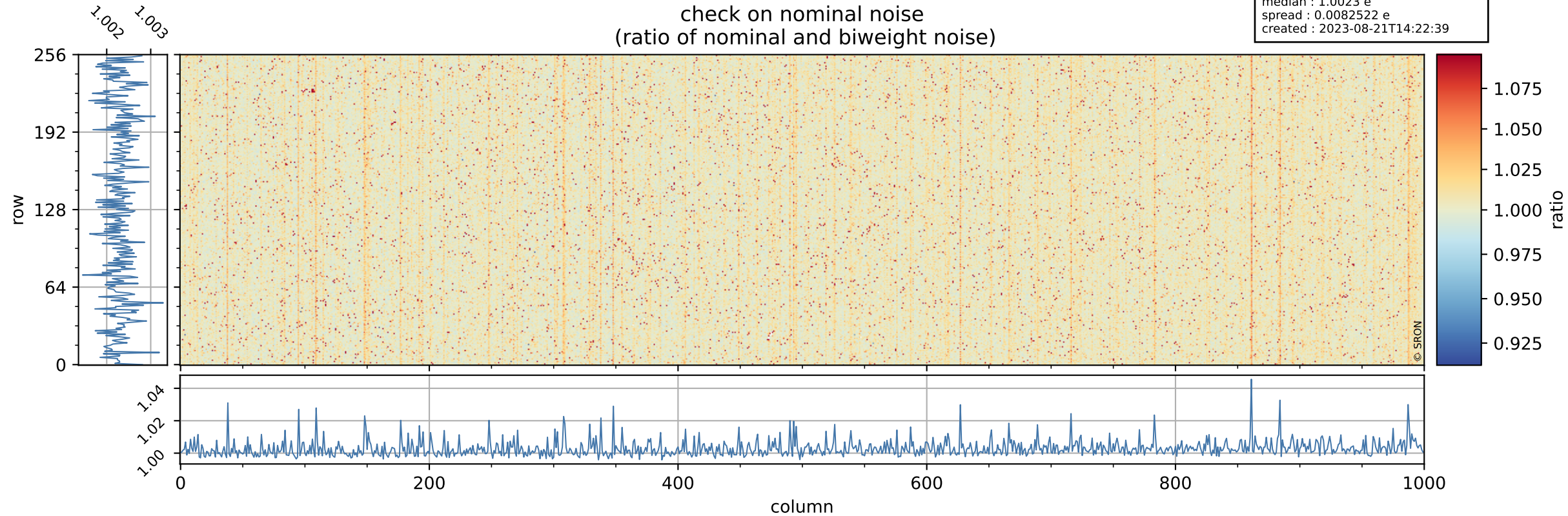
orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
median : 1 e
spread : 0.010344 e
created : 2023-08-21T14:22:39



Tropomi SWIR background noise (swir)

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

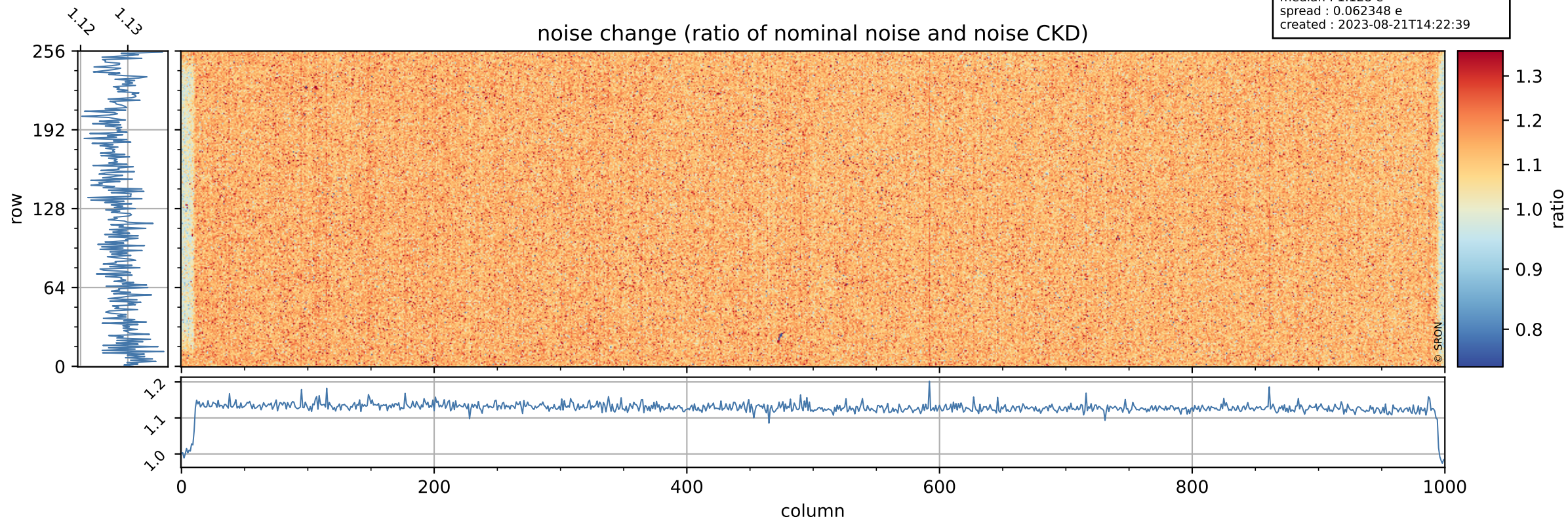
orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
median : 1.0023 e
spread : 0.0082522 e
created : 2023-08-21T14:22:39



Tropomi SWIR background noise (swir)

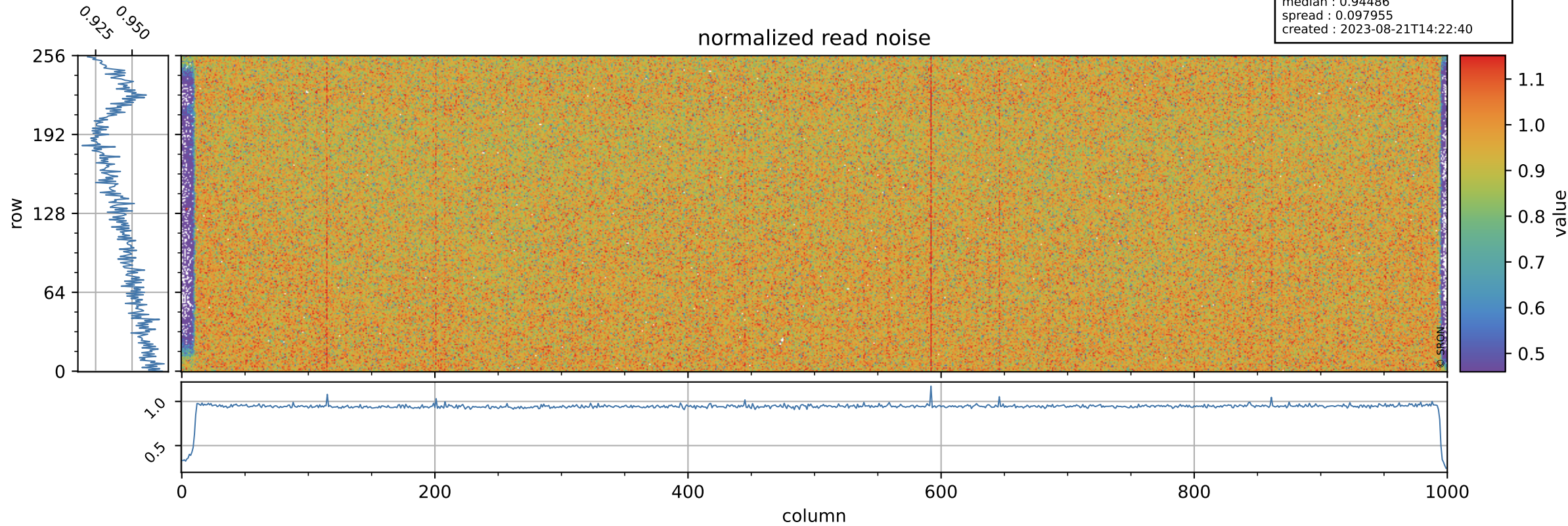
orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
median : 1.128 e
spread : 0.062348 e
created : 2023-08-21T14:22:39

noise change (ratio of nominal noise and noise CKD)



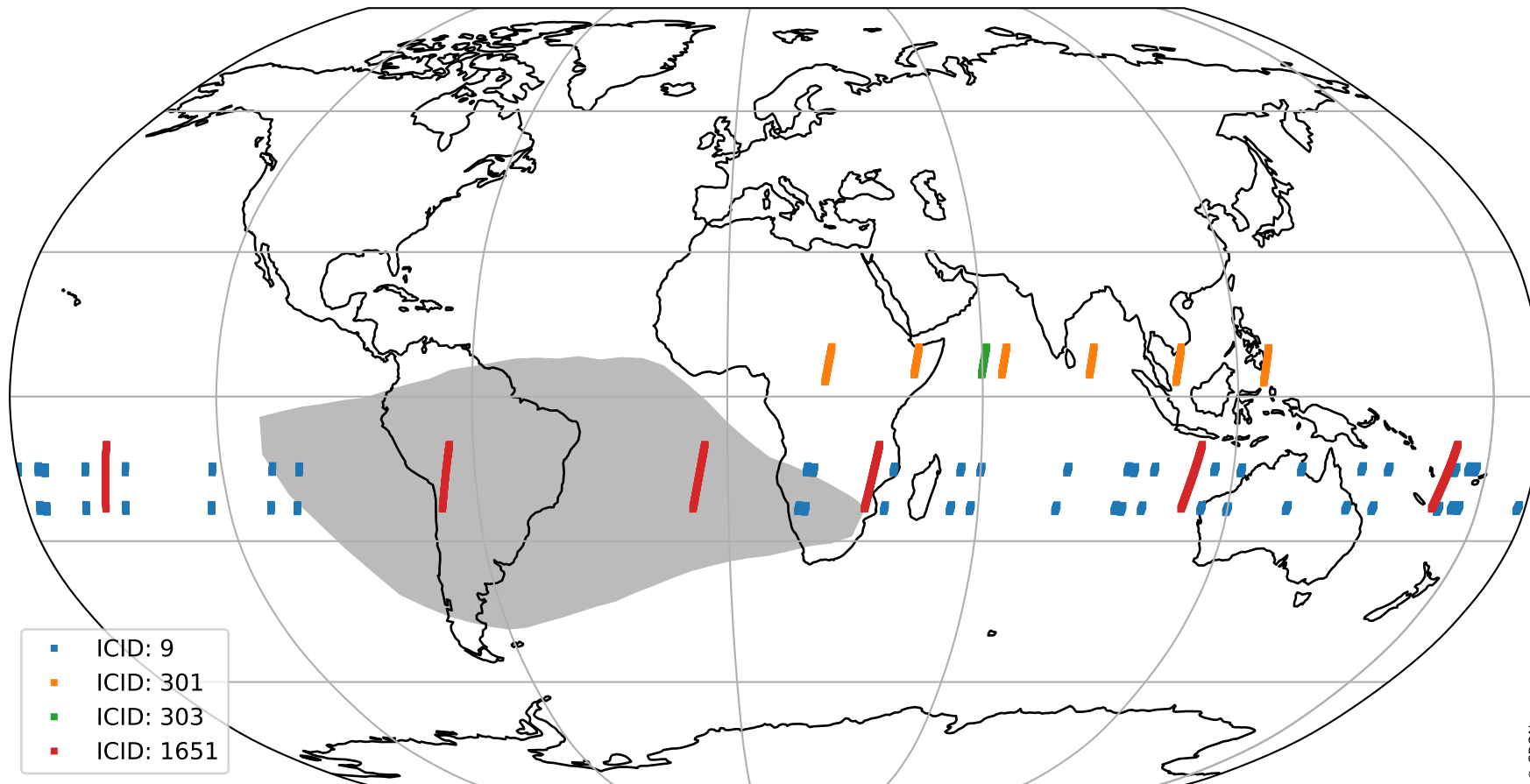
Tropomi SWIR background noise (swir)

orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
median : 0.94486
spread : 0.097955
created : 2023-08-21T14:22:40



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

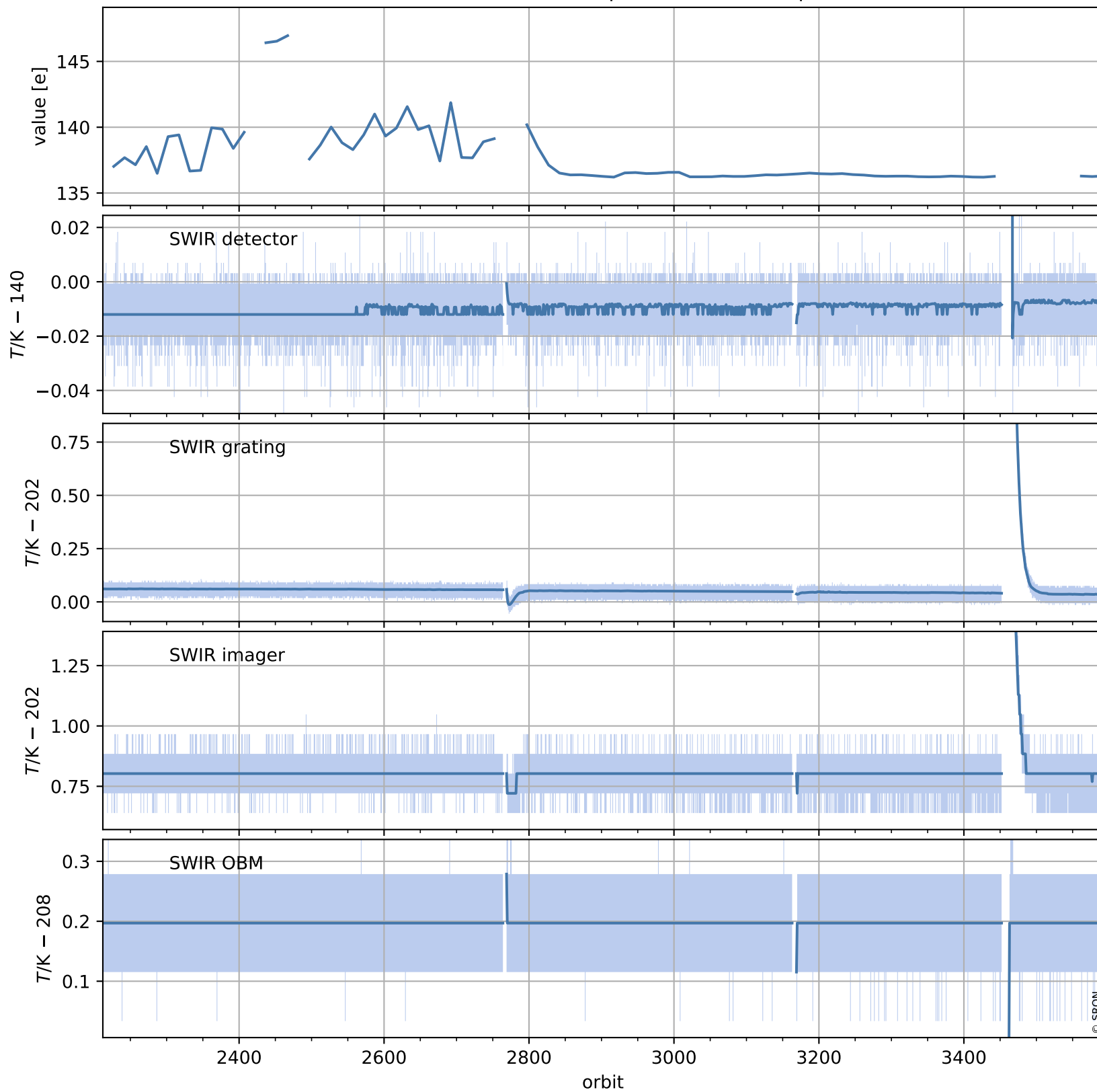
orbits : 13 in [3502, 3592]
coverage : 2018-06-17 / 2018-06-23
created : 2023-08-21T14:22:40



Tropomi SWIR background noise (swir)

orbits : [2212, 3592]
coverage : 2018-03-18 / 2018-06-23
created : 2023-08-21T14:22:40

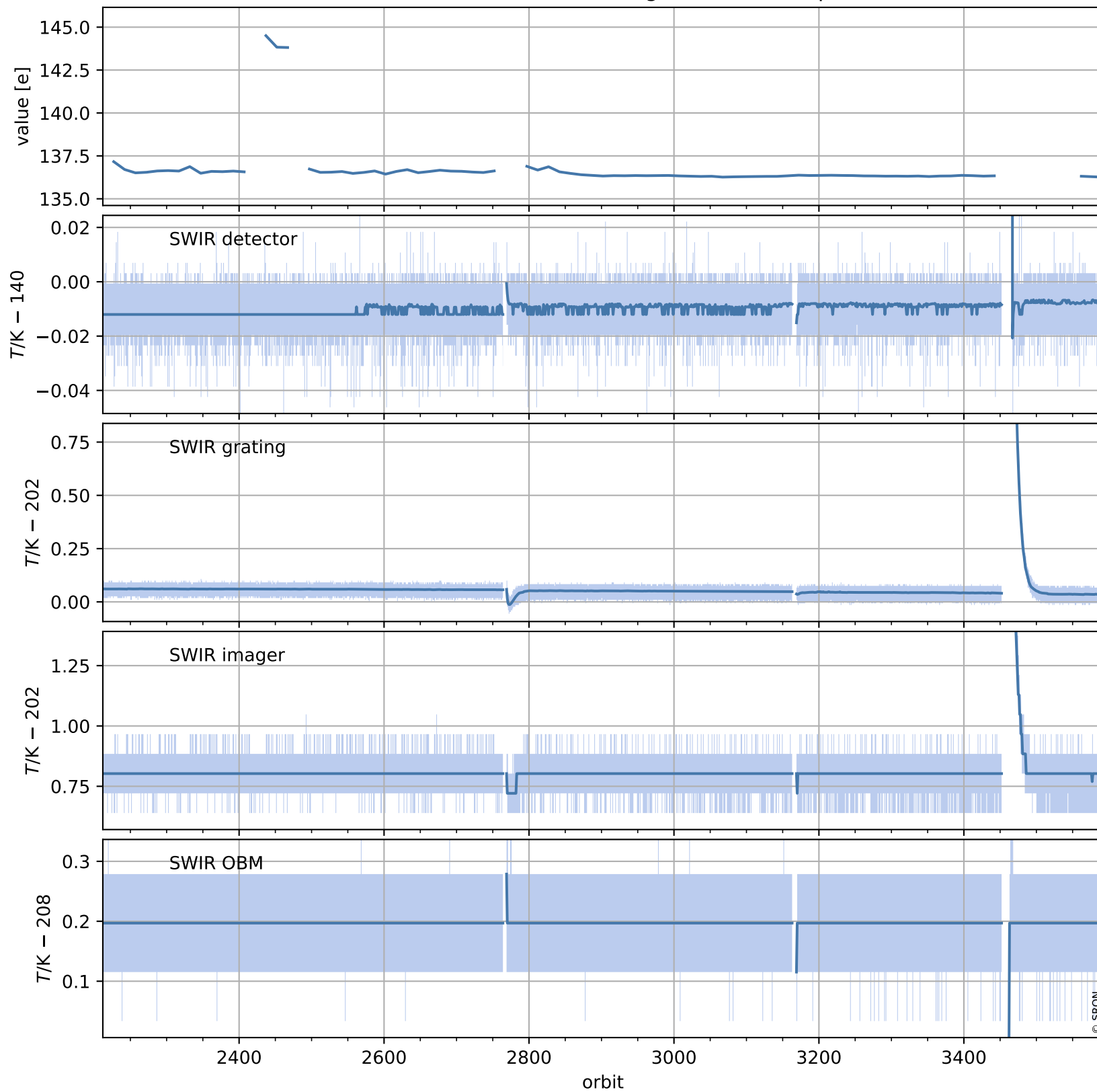
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3592]
coverage : 2018-03-18 / 2018-06-23
created : 2023-08-21T14:22:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3592]
coverage : 2018-03-18 / 2018-06-23
created : 2023-08-21T14:22:41

trend of normalized read-noise & temperatures

