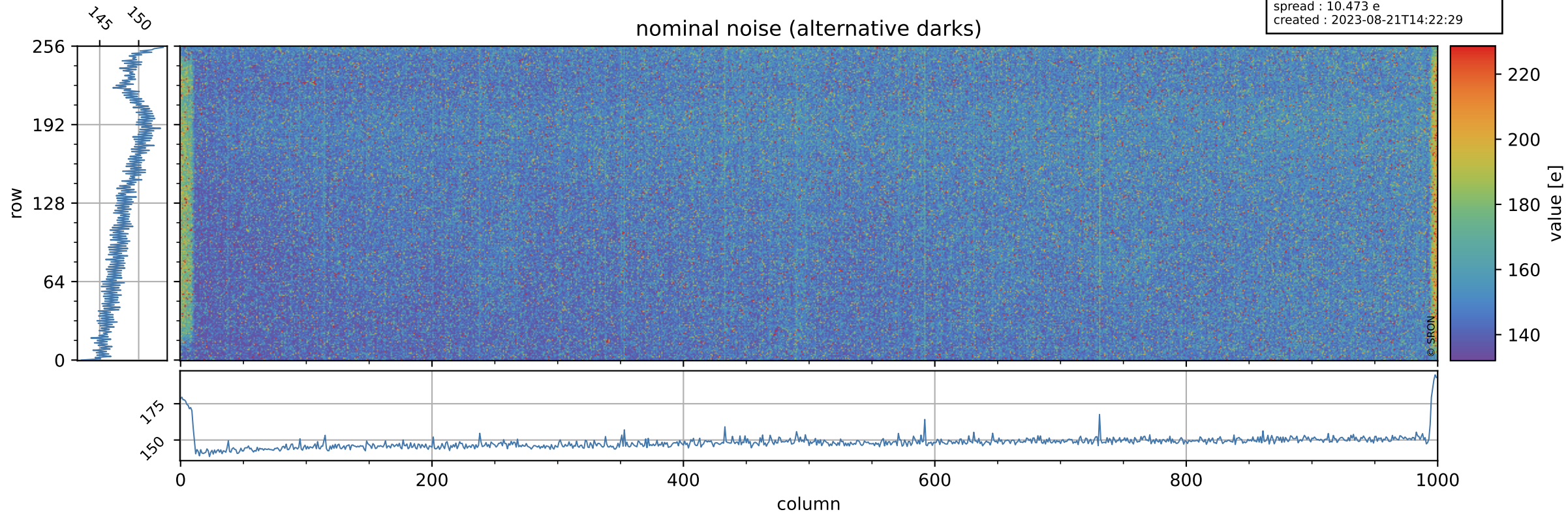


Tropomi SWIR background noise (swir)

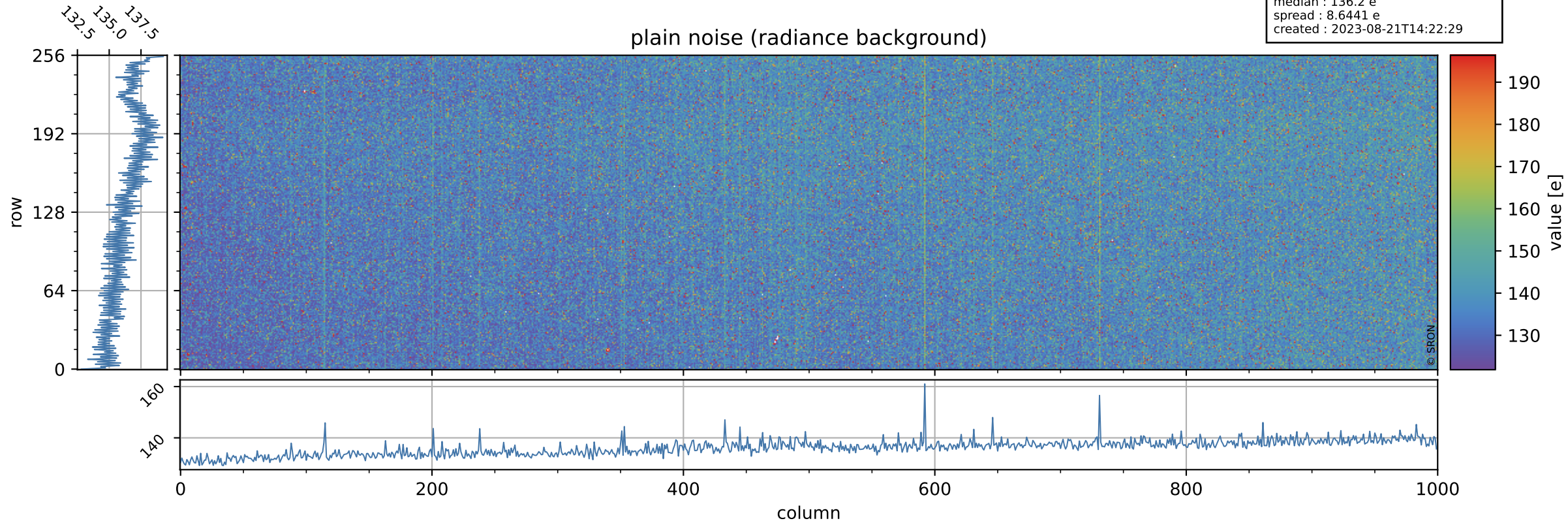
orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.473 e
created : 2023-08-21T14:22:29



Tropomi SWIR background noise (swir)

orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.6441 e
created : 2023-08-21T14:22:29

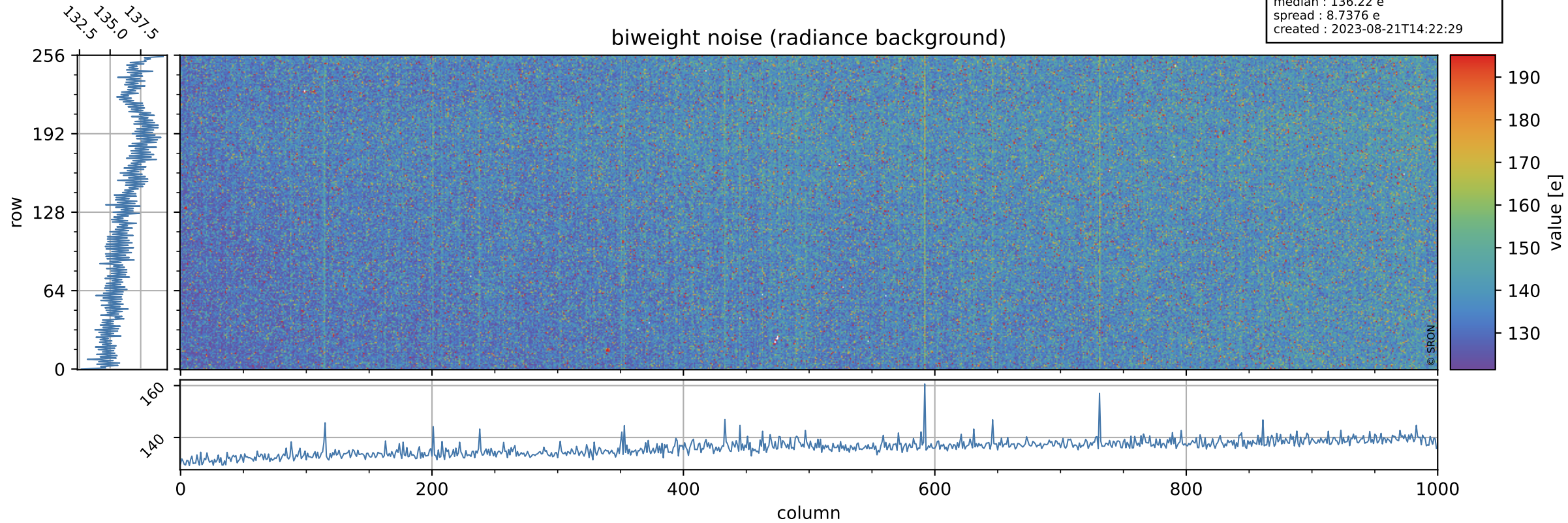
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.7376 e
created : 2023-08-21T14:22:29

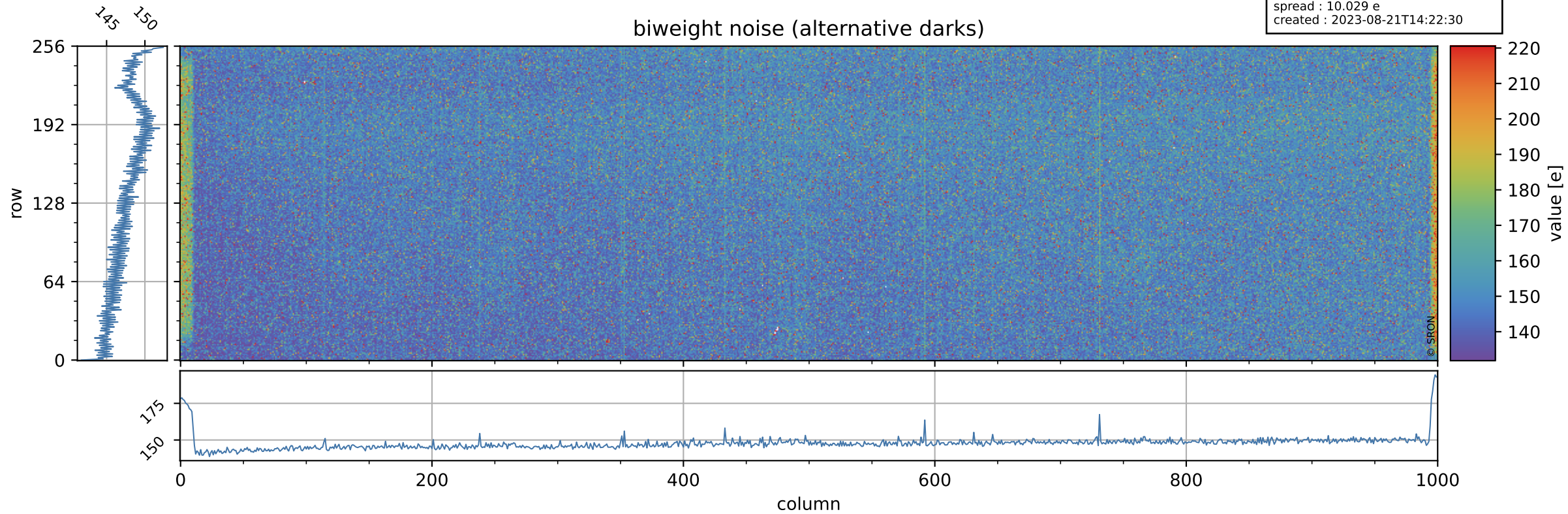
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
n_coad, t_exp : 1, 1.0783
median : 147.49 e
spread : 10.029 e
created : 2023-08-21T14:22:30

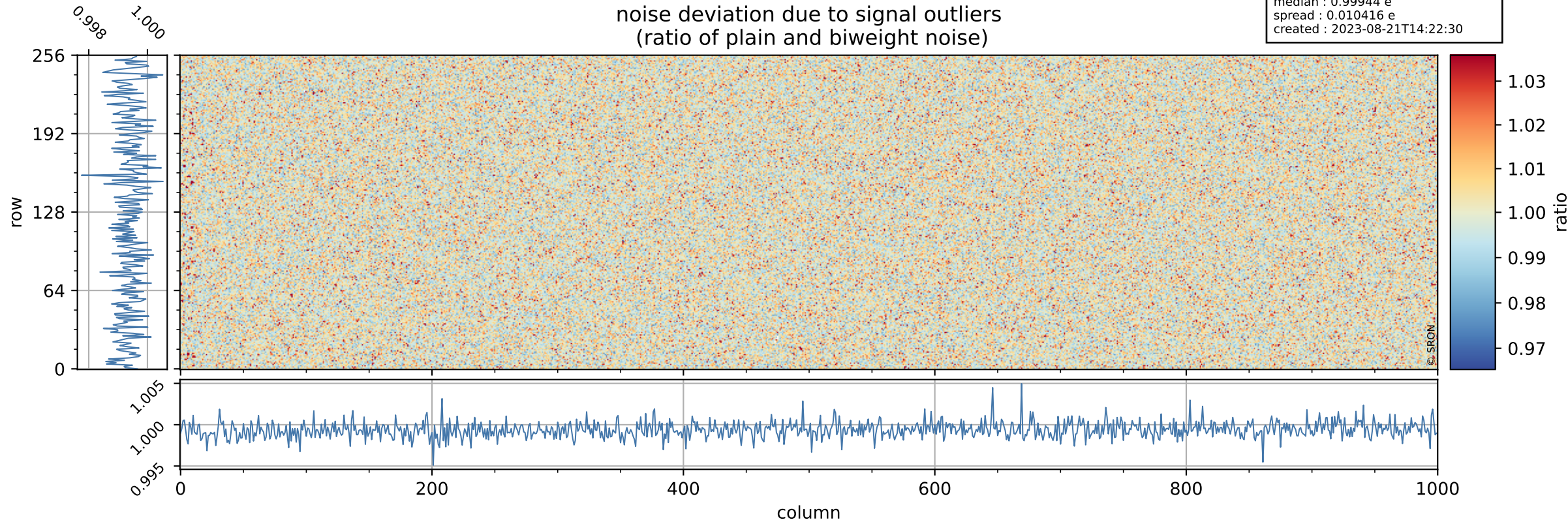
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

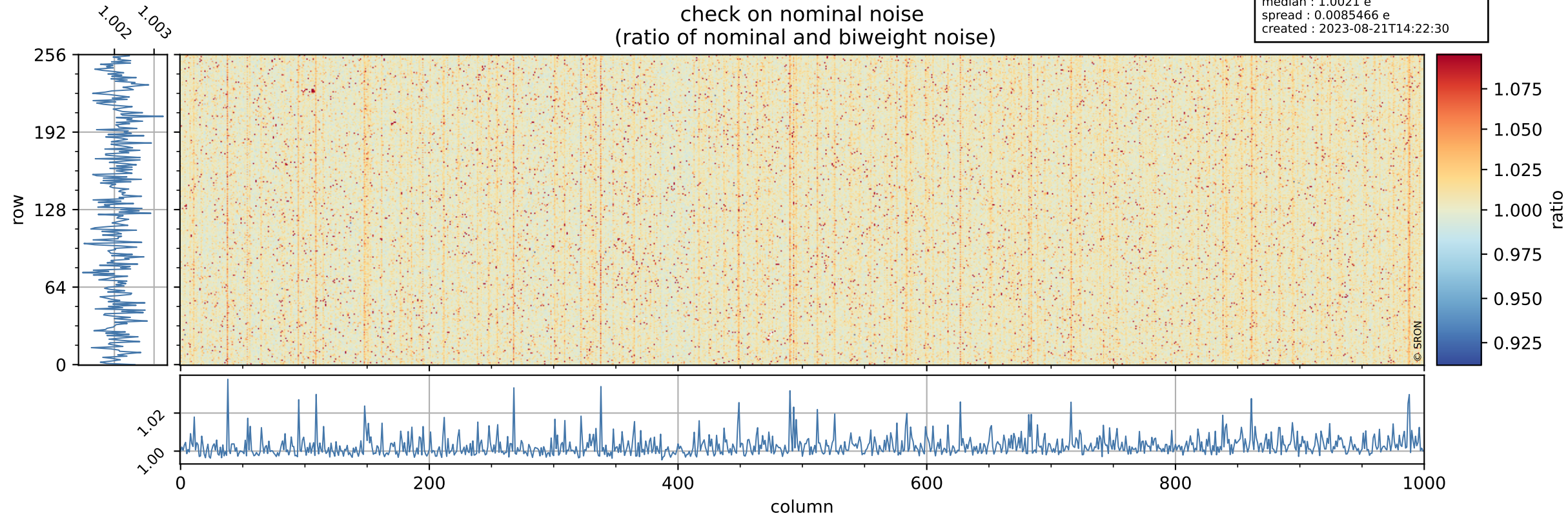
orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
median : 0.99944 e
spread : 0.010416 e
created : 2023-08-21T14:22:30



Tropomi SWIR background noise (swir)

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

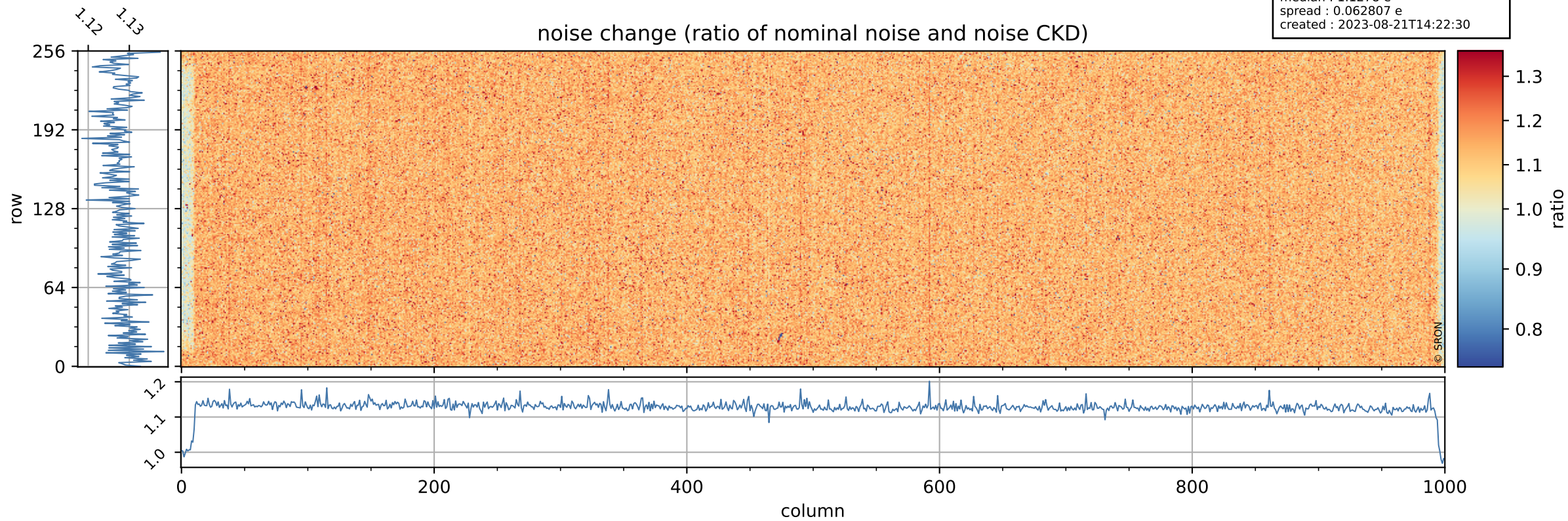
orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
median : 1.0021 e
spread : 0.0085466 e
created : 2023-08-21T14:22:30



Tropomi SWIR background noise (swir)

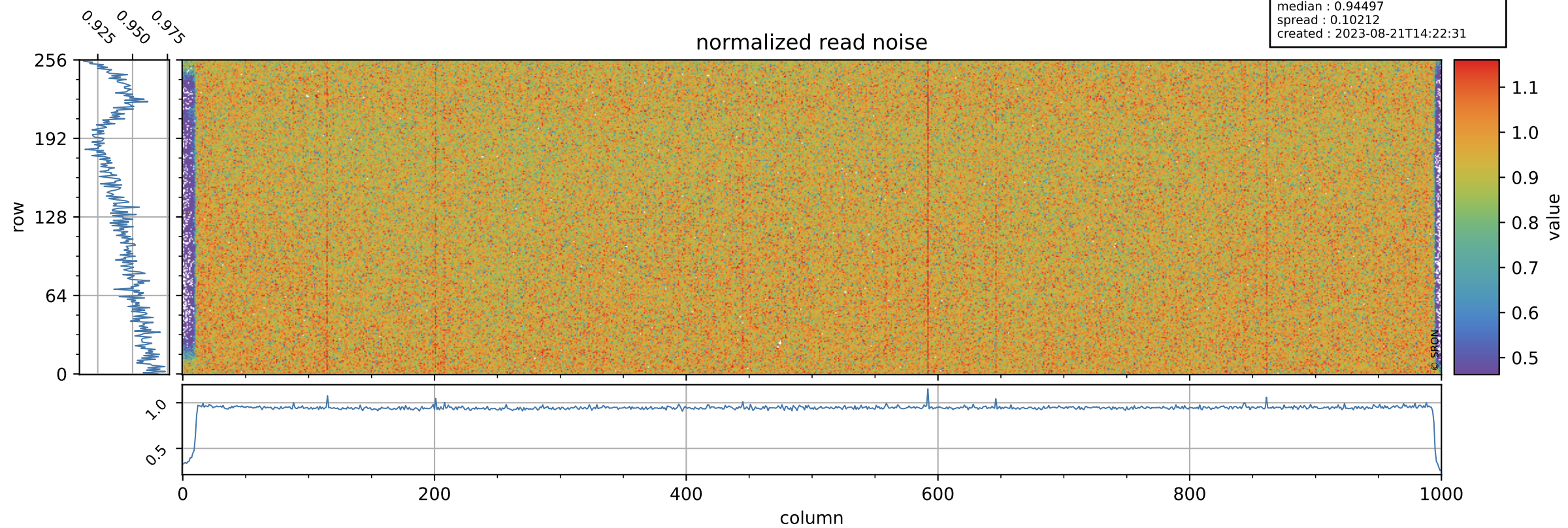
orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
median : 1.1278 e
spread : 0.062807 e
created : 2023-08-21T14:22:30

noise change (ratio of nominal noise and noise CKD)



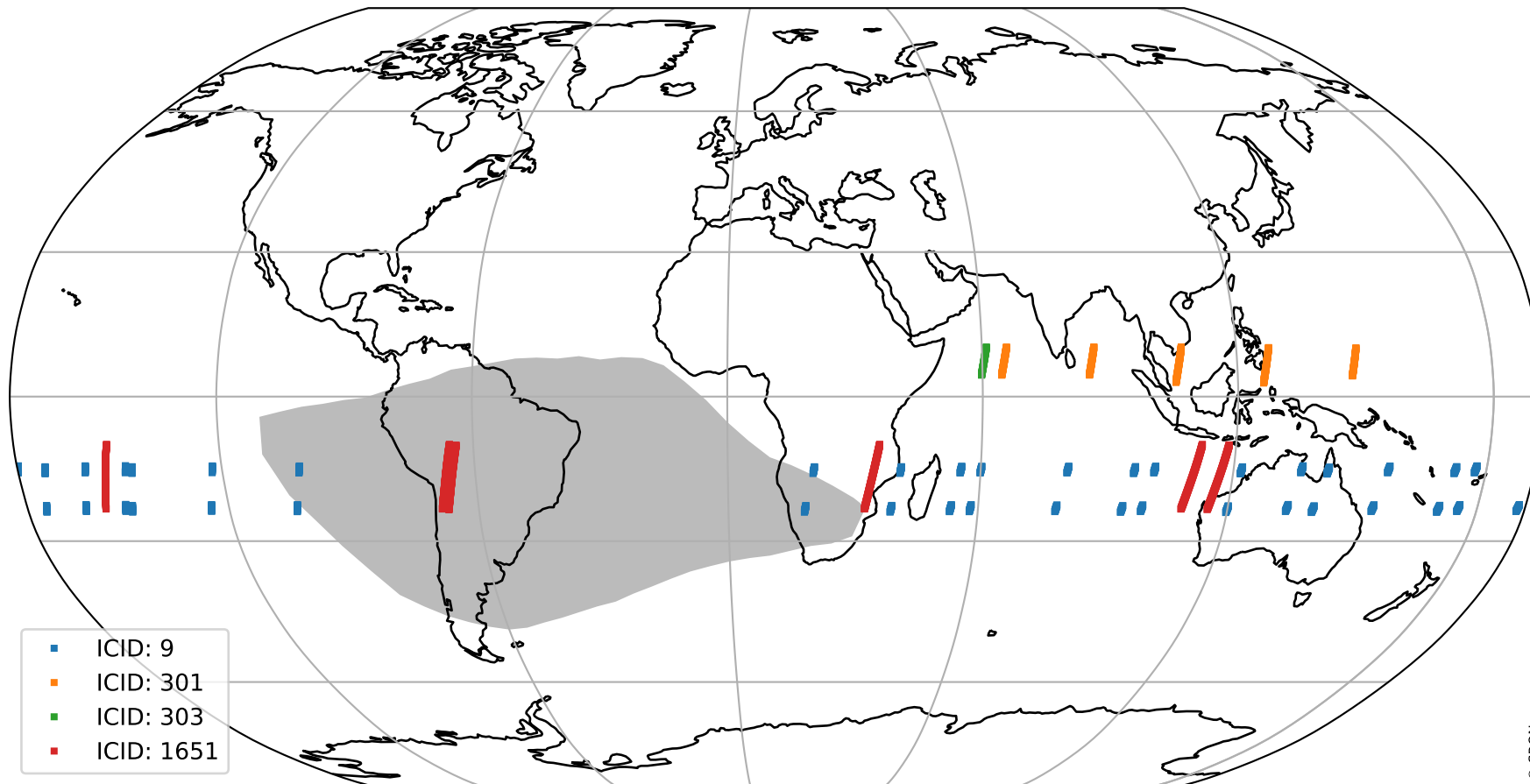
Tropomi SWIR background noise (swir)

orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
median : 0.94497
spread : 0.10212
created : 2023-08-21T14:22:31



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

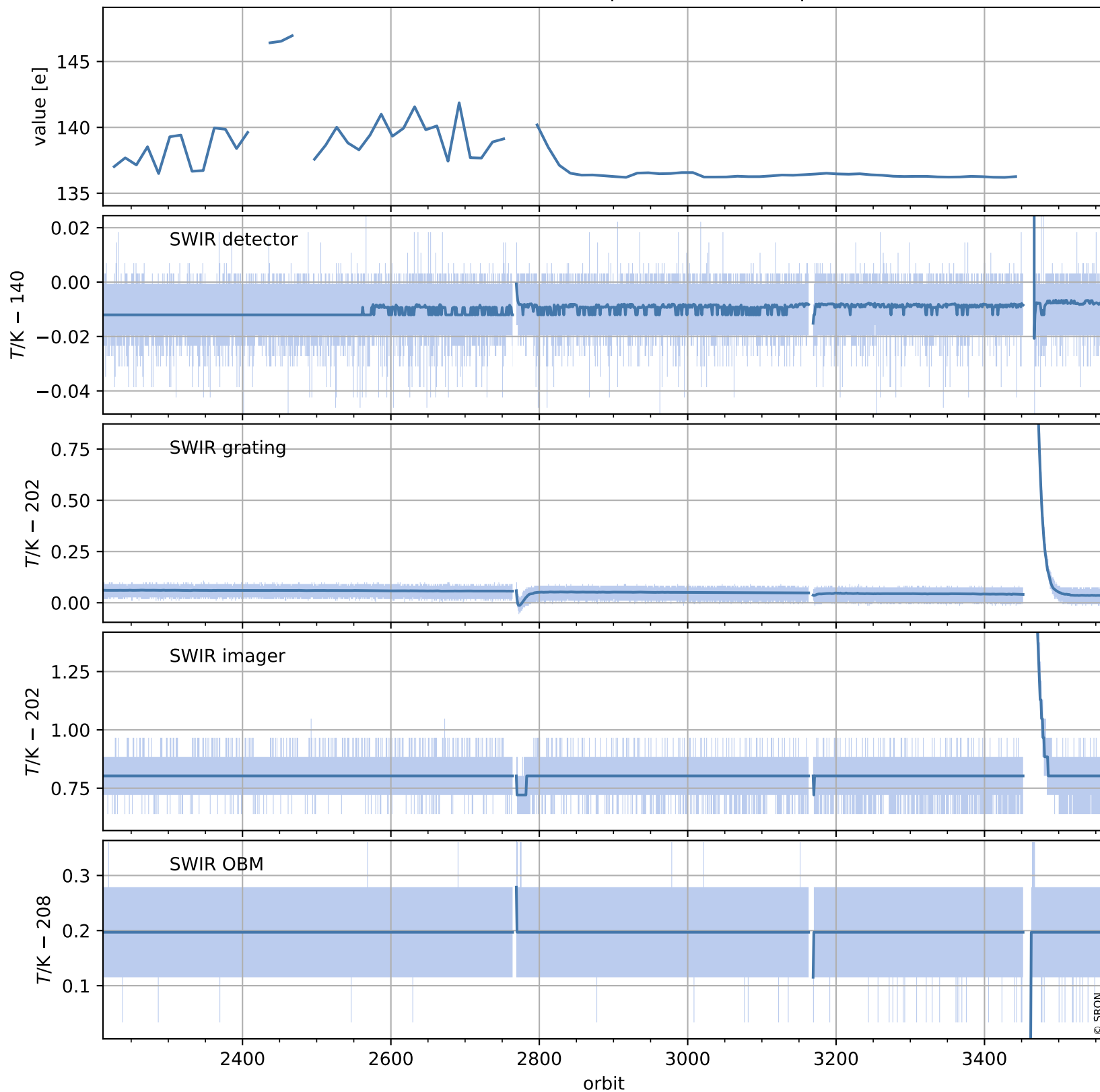
orbits : 12 in [3487, 3562]
coverage : 2018-06-16 / 2018-06-21
created : 2023-08-21T14:22:31



Tropomi SWIR background noise (swir)

orbits : [2212, 3562]
coverage : 2018-03-18 / 2018-06-21
created : 2023-08-21T14:22:31

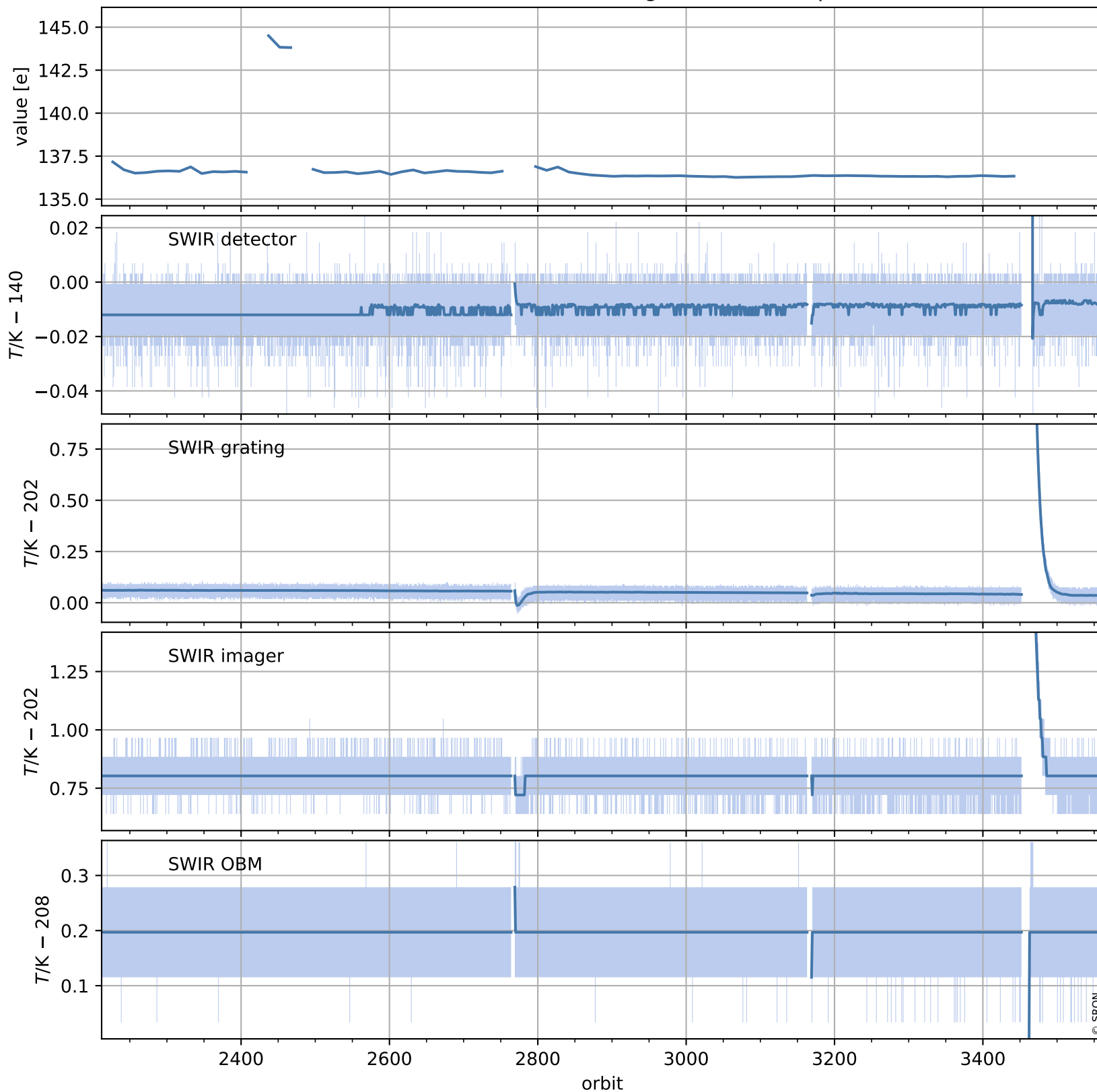
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3562]
coverage : 2018-03-18 / 2018-06-21
created : 2023-08-21T14:22:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3562]
coverage : 2018-03-18 / 2018-06-21
created : 2023-08-21T14:22:32

trend of normalized read-noise & temperatures

