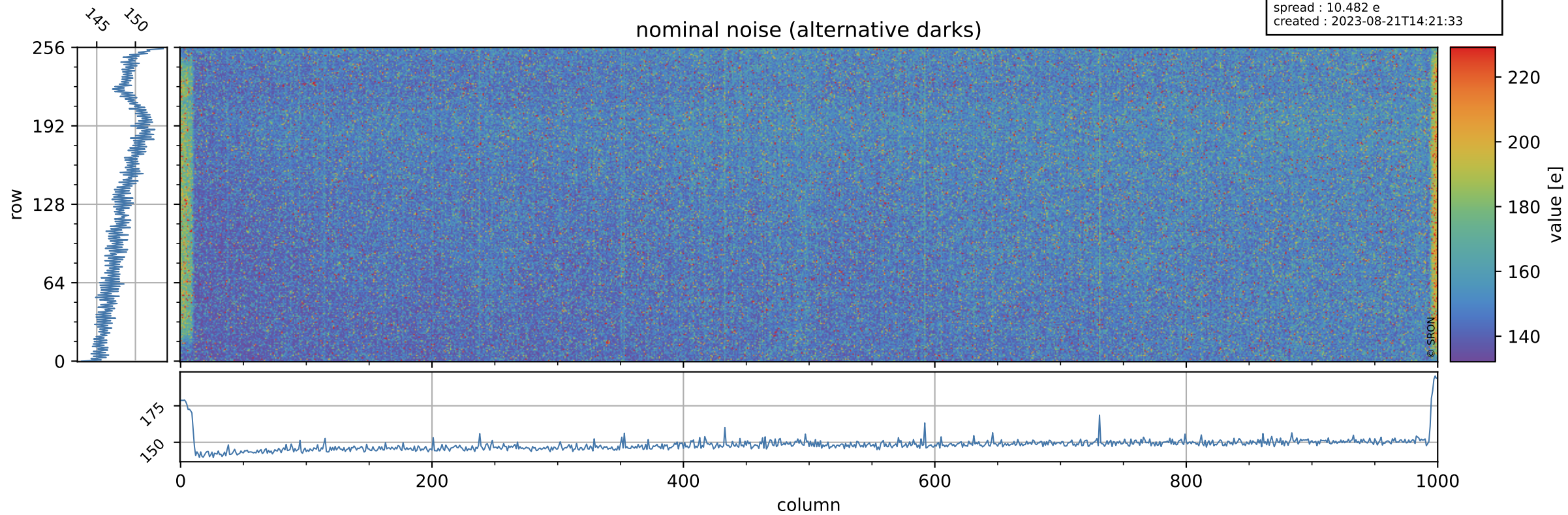


Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.482 e
created : 2023-08-21T14:21:33

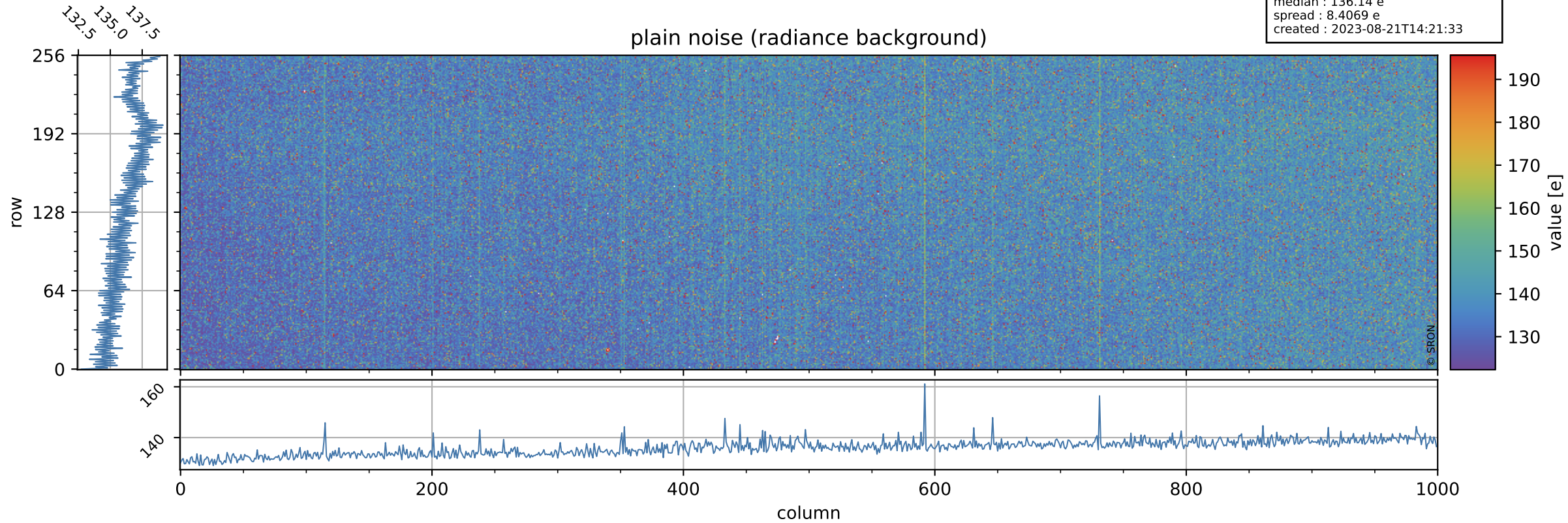
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.4069 e
created : 2023-08-21T14:21:33

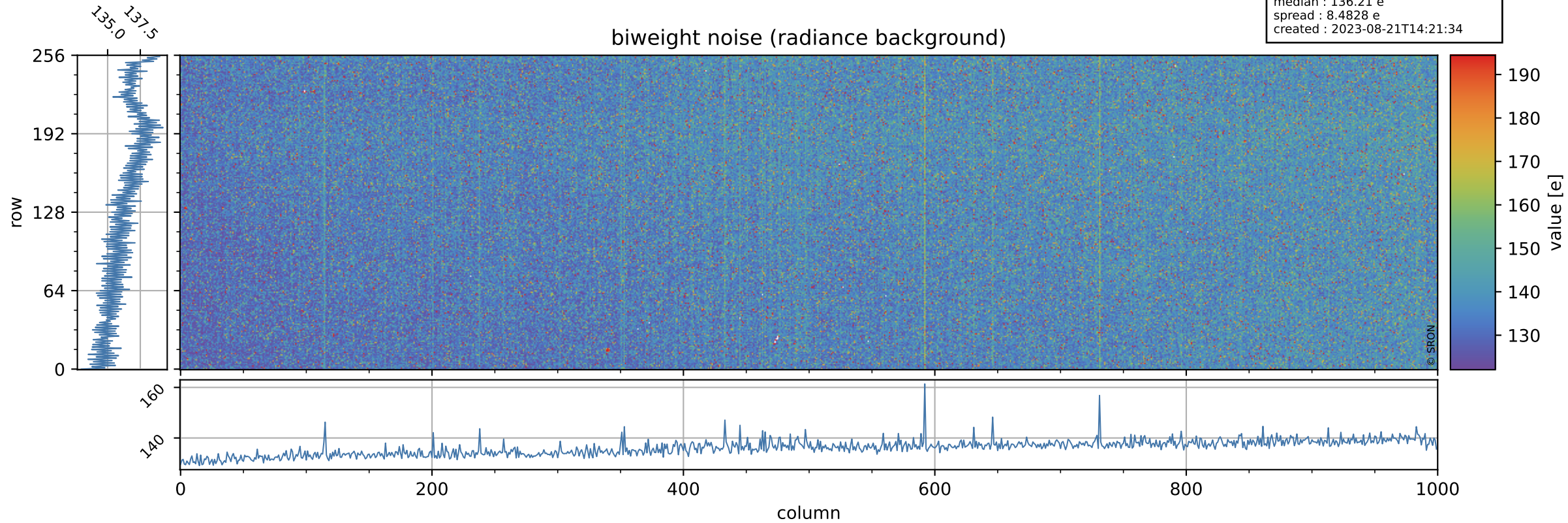
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.4828 e
created : 2023-08-21T14:21:34

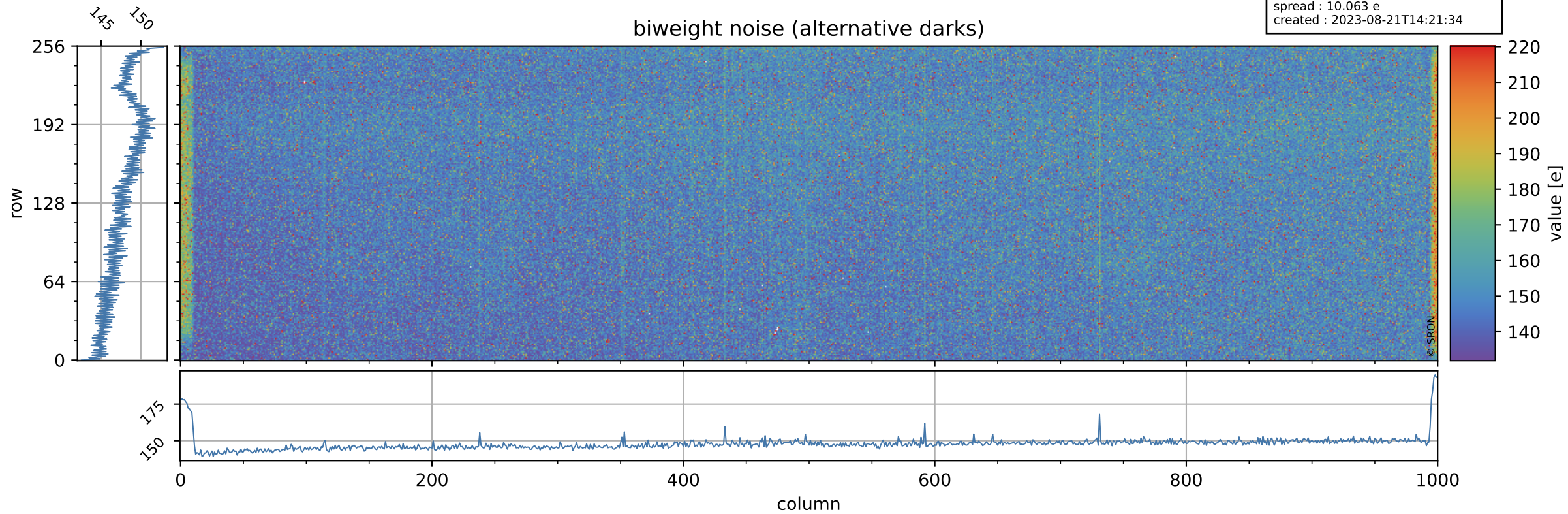
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
n_coad, t_exp : 1, 1.0783
median : 147.62 e
spread : 10.063 e
created : 2023-08-21T14:21:34

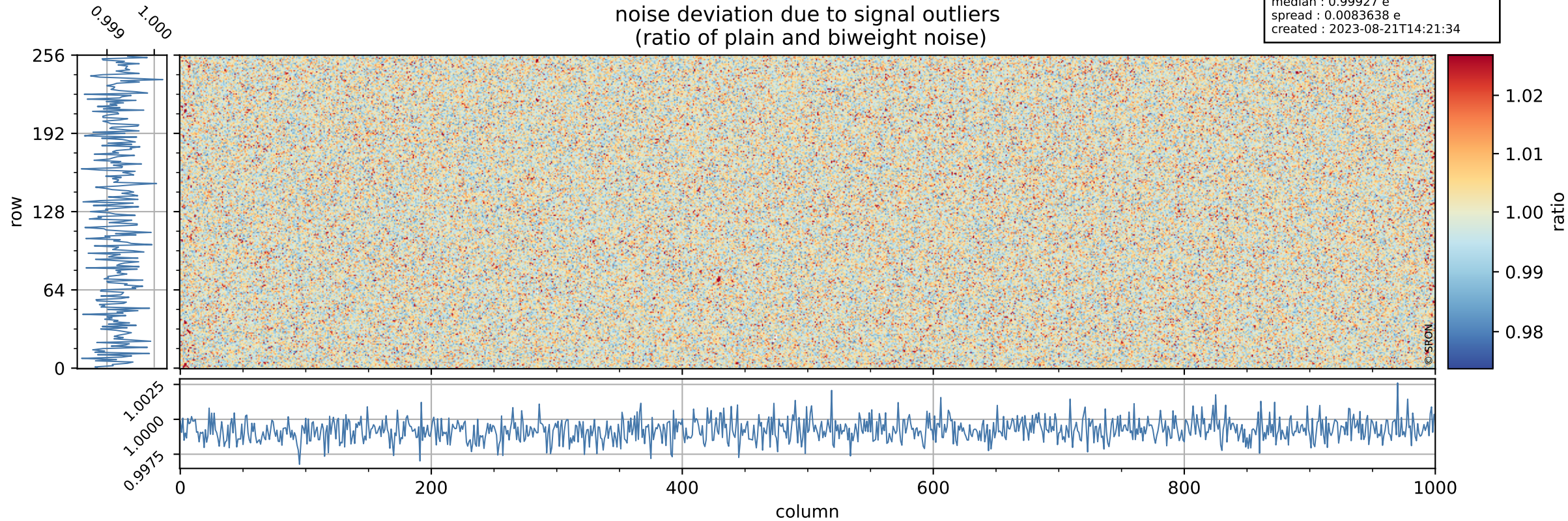
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

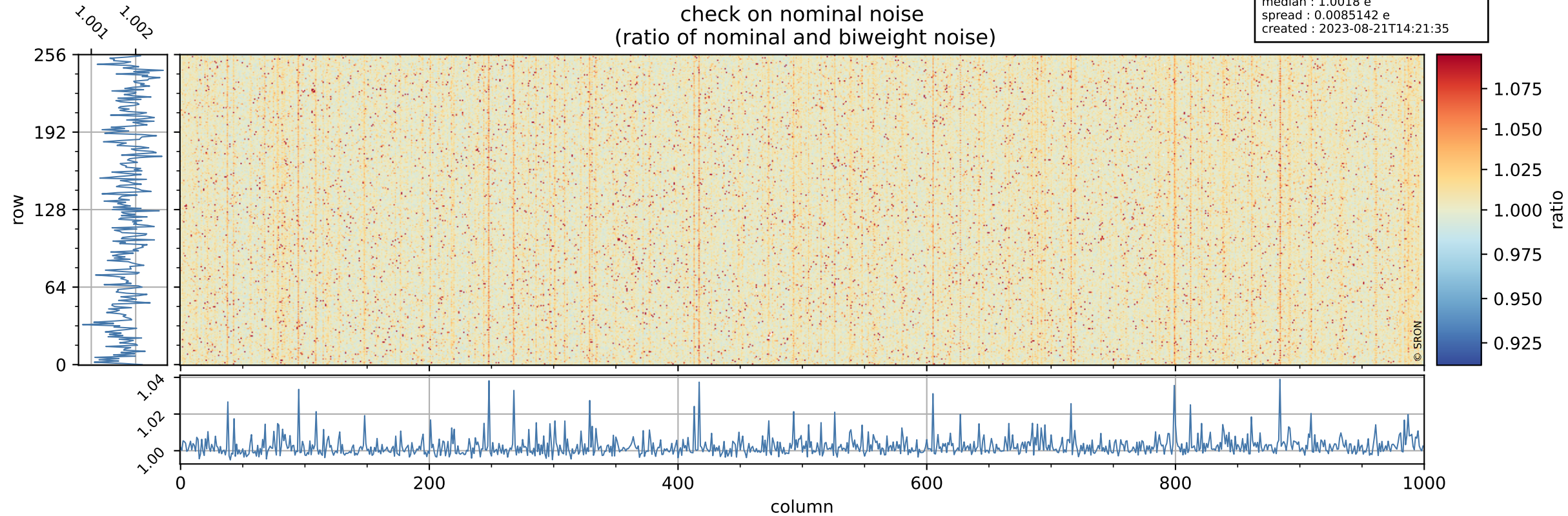
orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
median : 0.99927 e
spread : 0.0083638 e
created : 2023-08-21T14:21:34



Tropomi SWIR background noise (swir)

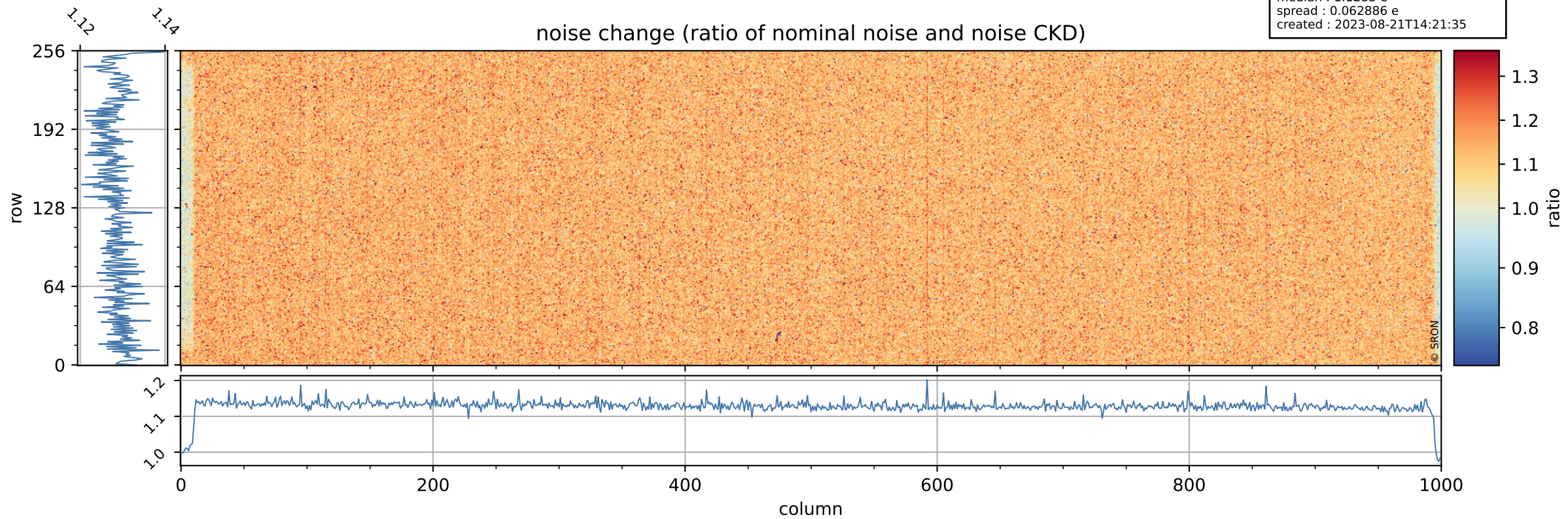
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
median : 1.0018 e
spread : 0.0085142 e
created : 2023-08-21T14:21:35



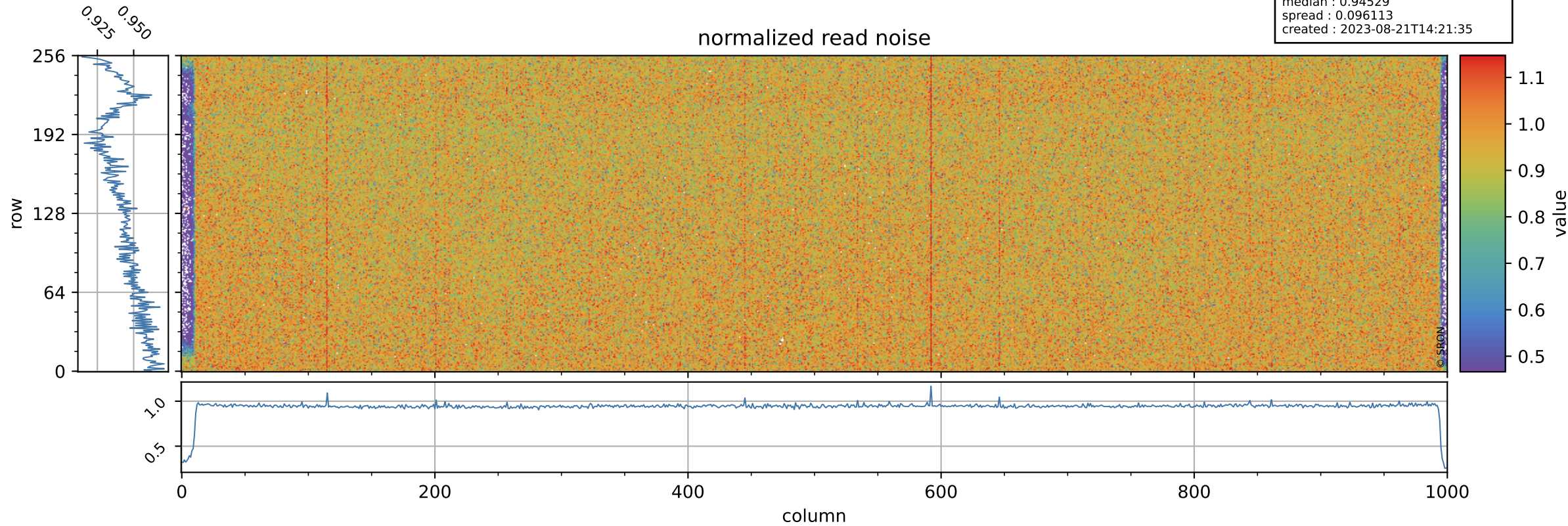
Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
median : 1.1283 e
spread : 0.062886 e
created : 2023-08-21T14:21:35



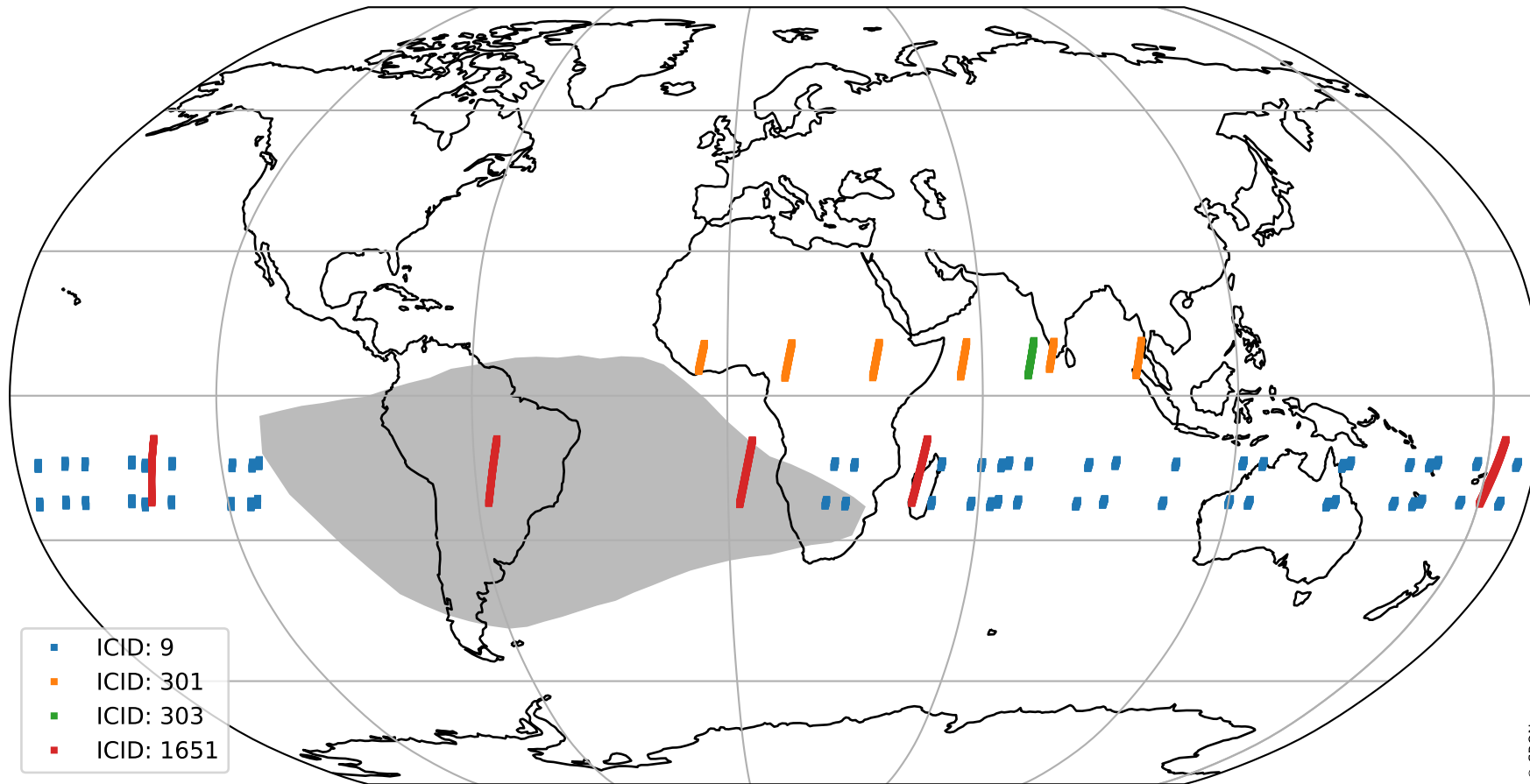
Tropomi SWIR background noise (swir)

orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
median : 0.94529
spread : 0.096113
created : 2023-08-21T14:21:35



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

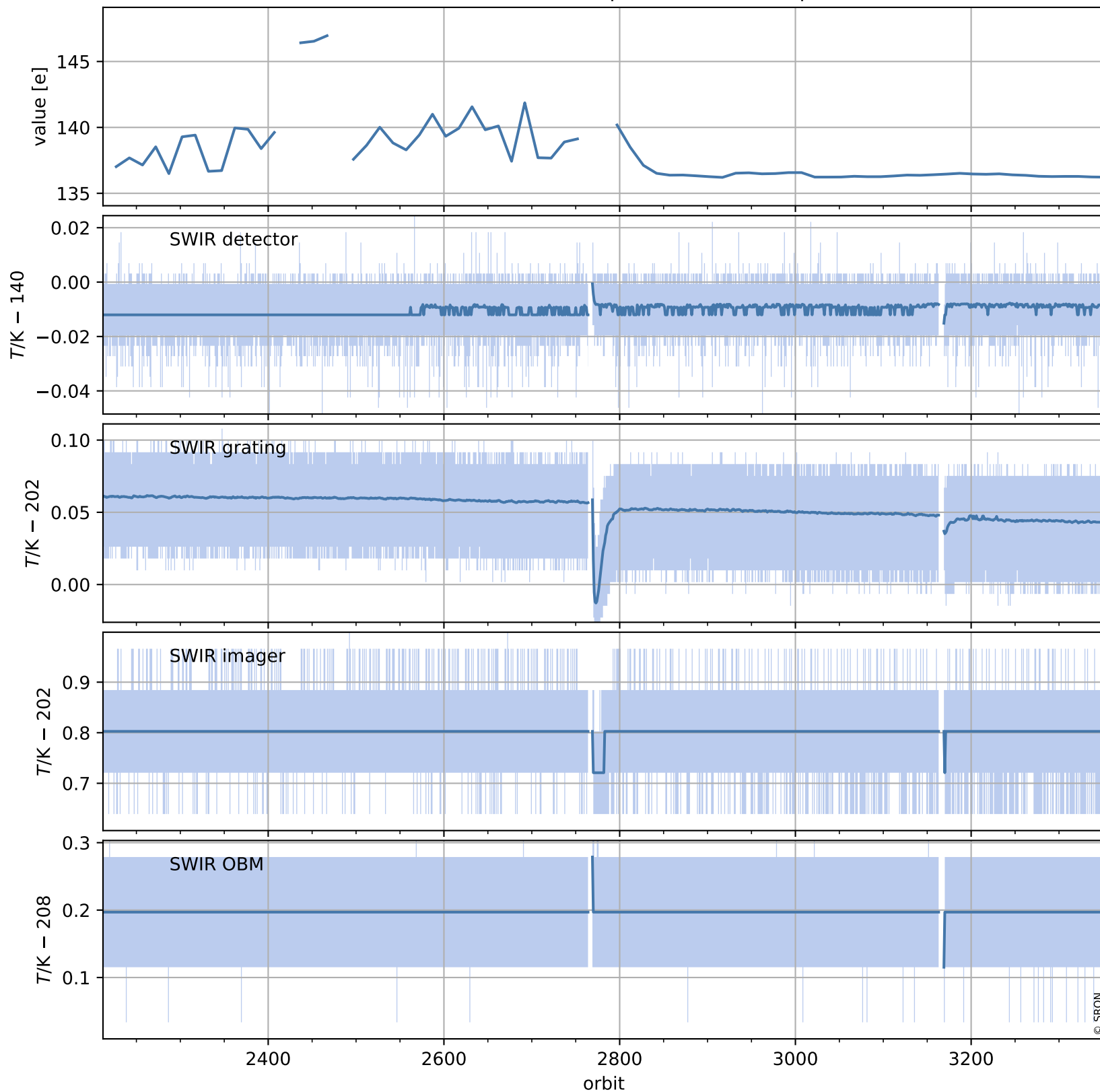
orbits : 12 in [3277, 3352]
coverage : 2018-05-31 / 2018-06-06
created : 2023-08-21T14:21:35



Tropomi SWIR background noise (swir)

orbits : [2212, 3352]
coverage : 2018-03-18 / 2018-06-06
created : 2023-08-21T14:21:36

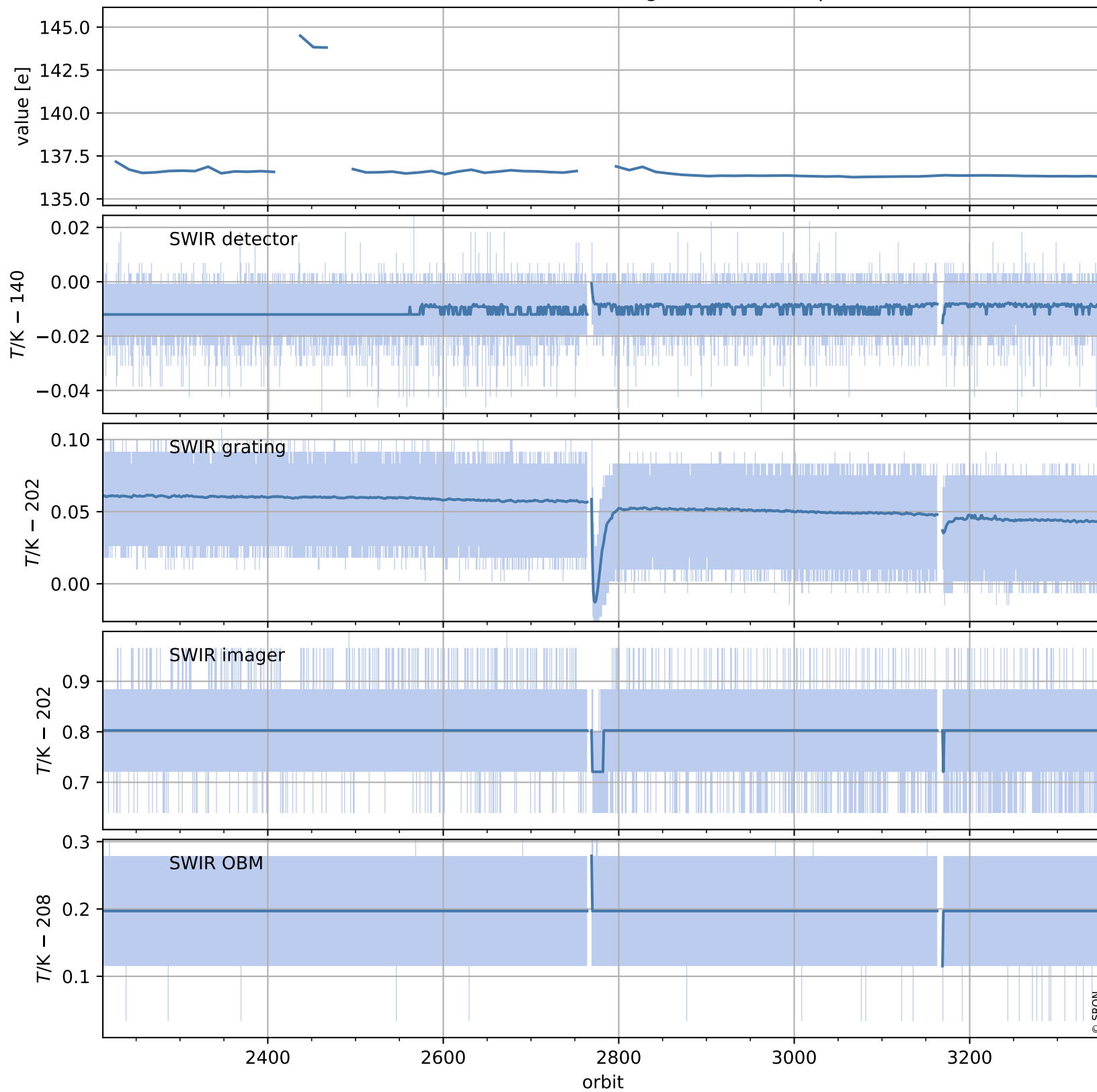
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3352]
coverage : 2018-03-18 / 2018-06-06
created : 2023-08-21T14:21:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3352]
coverage : 2018-03-18 / 2018-06-06
created : 2023-08-21T14:21:37

trend of normalized read-noise & temperatures

