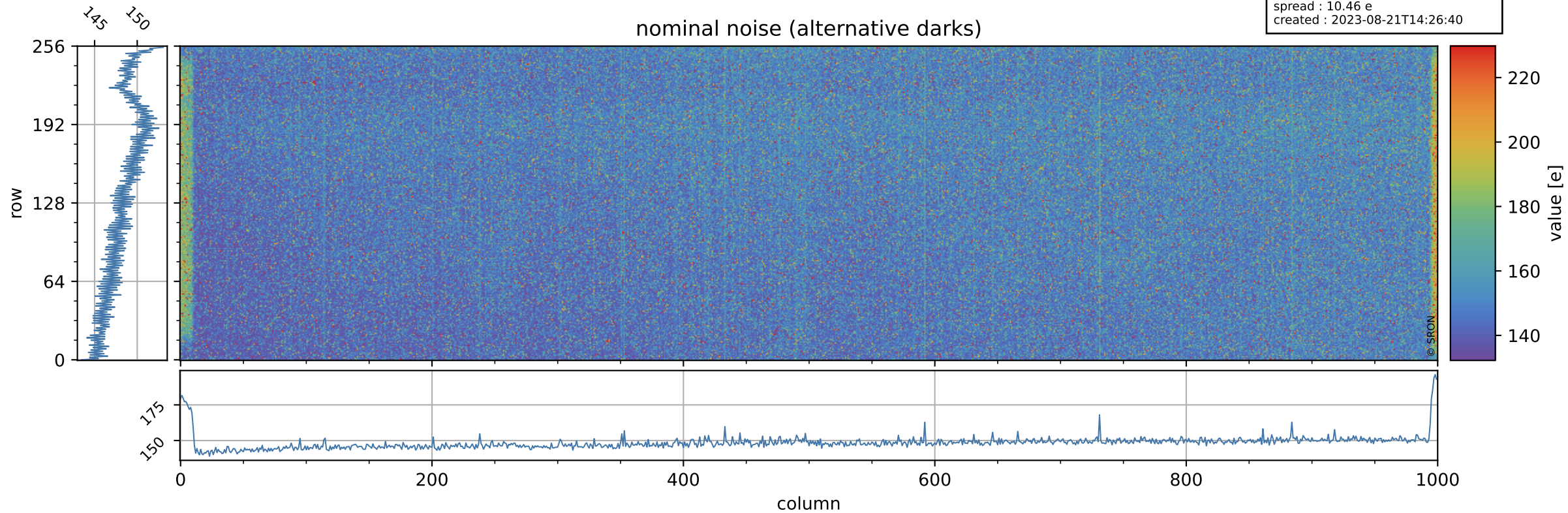


Tropomi SWIR background noise (swir)

orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.46 e
created : 2023-08-21T14:26:40

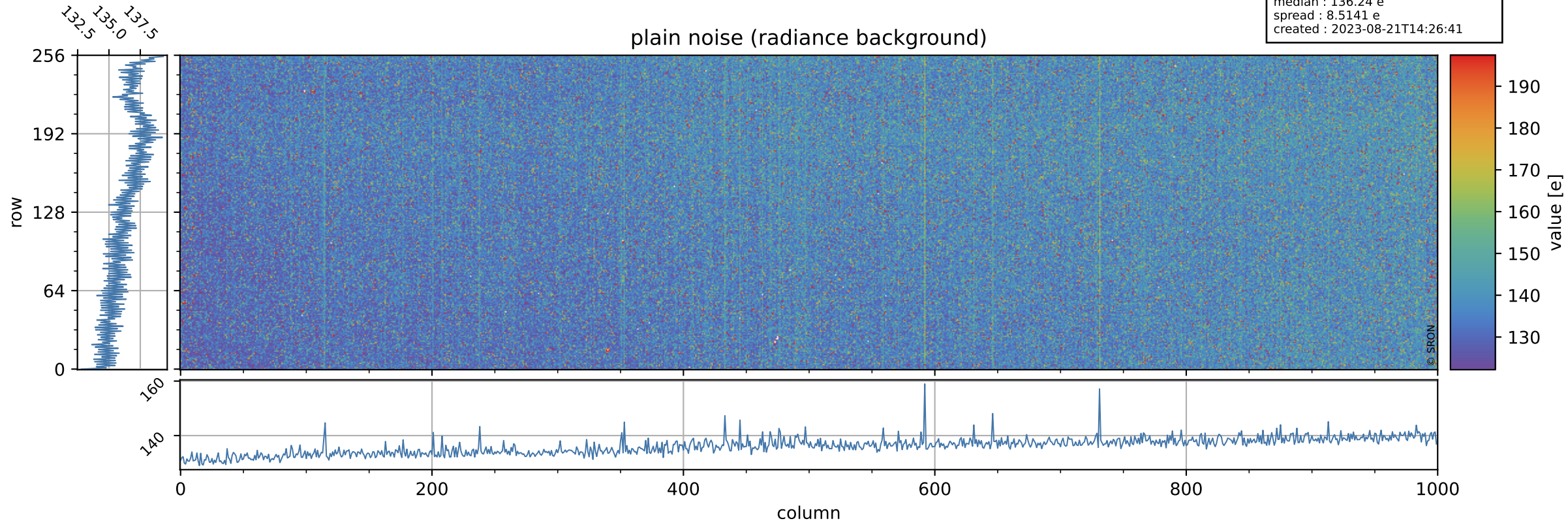
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.5141 e
created : 2023-08-21T14:26:41

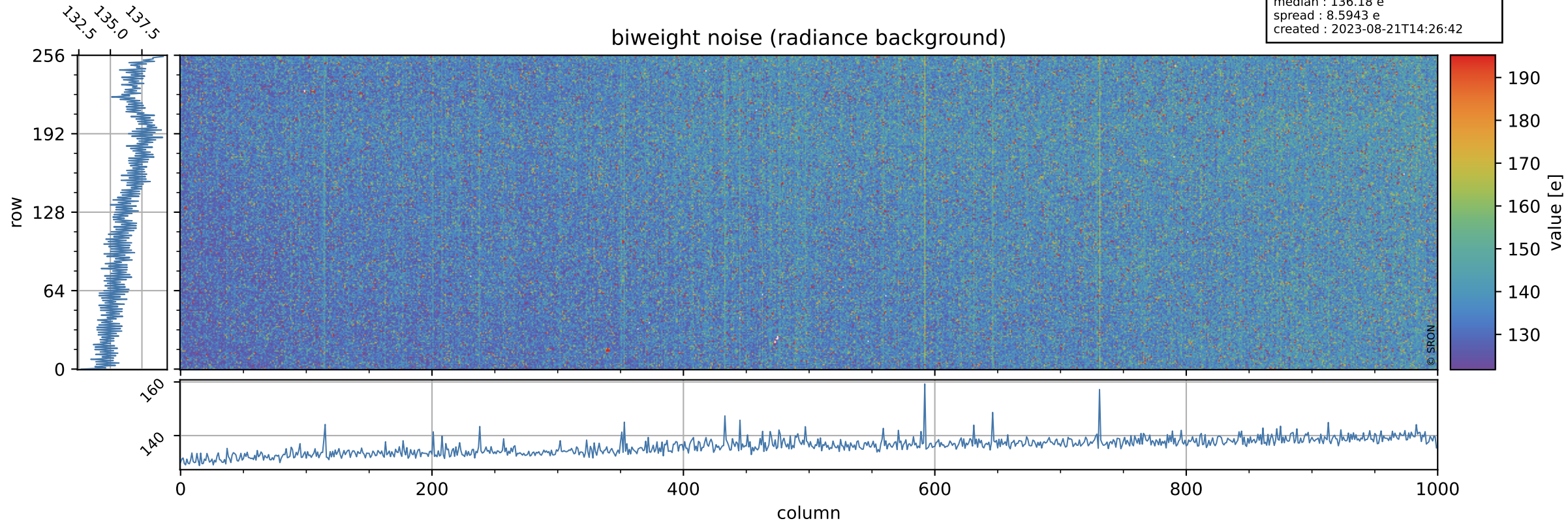
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.5943 e
created : 2023-08-21T14:26:42

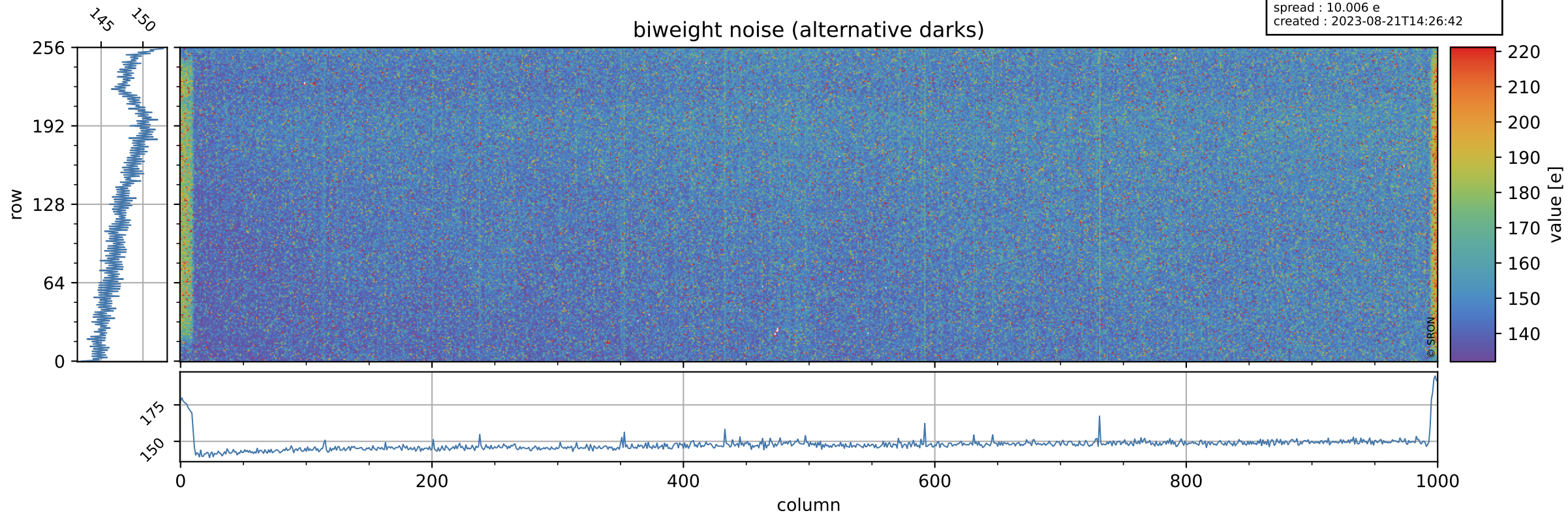
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 10.006 e
created : 2023-08-21T14:26:42

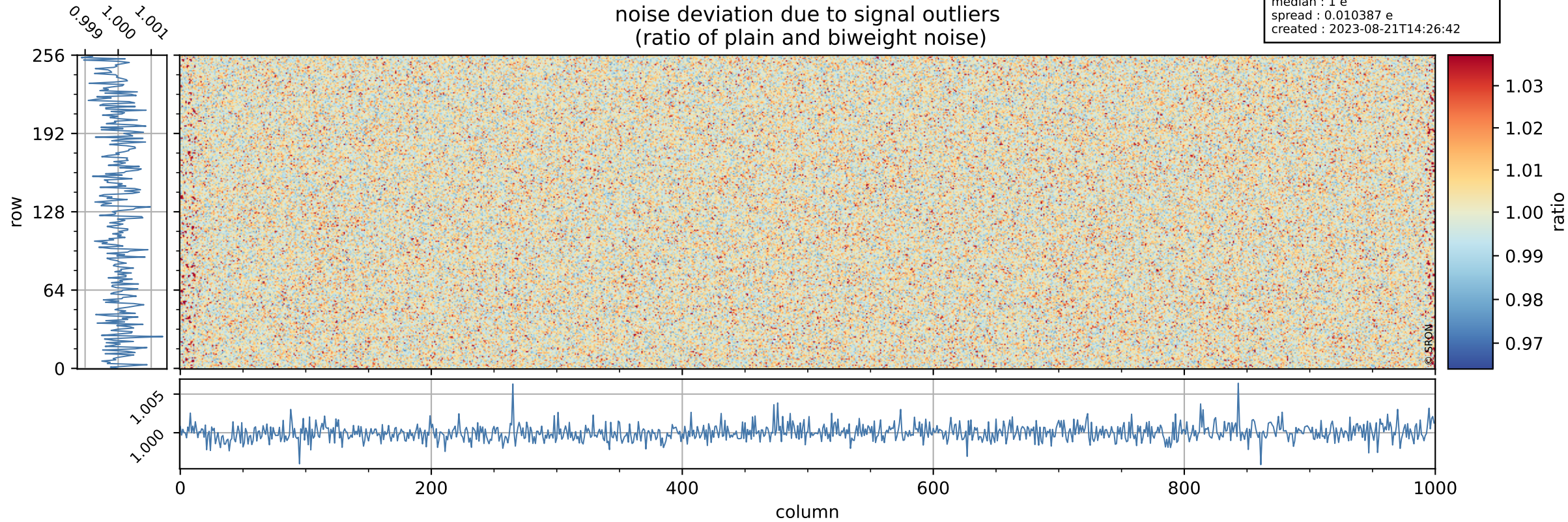
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

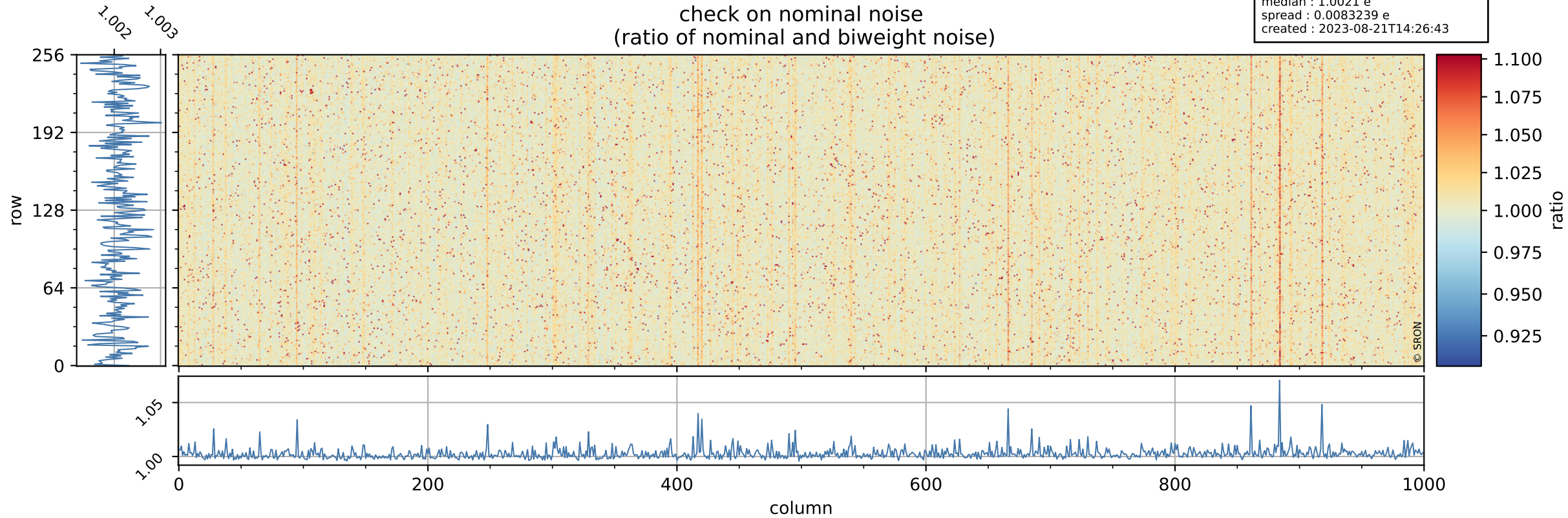
orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
median : 1 e
spread : 0.010387 e
created : 2023-08-21T14:26:42



Tropomi SWIR background noise (swir)

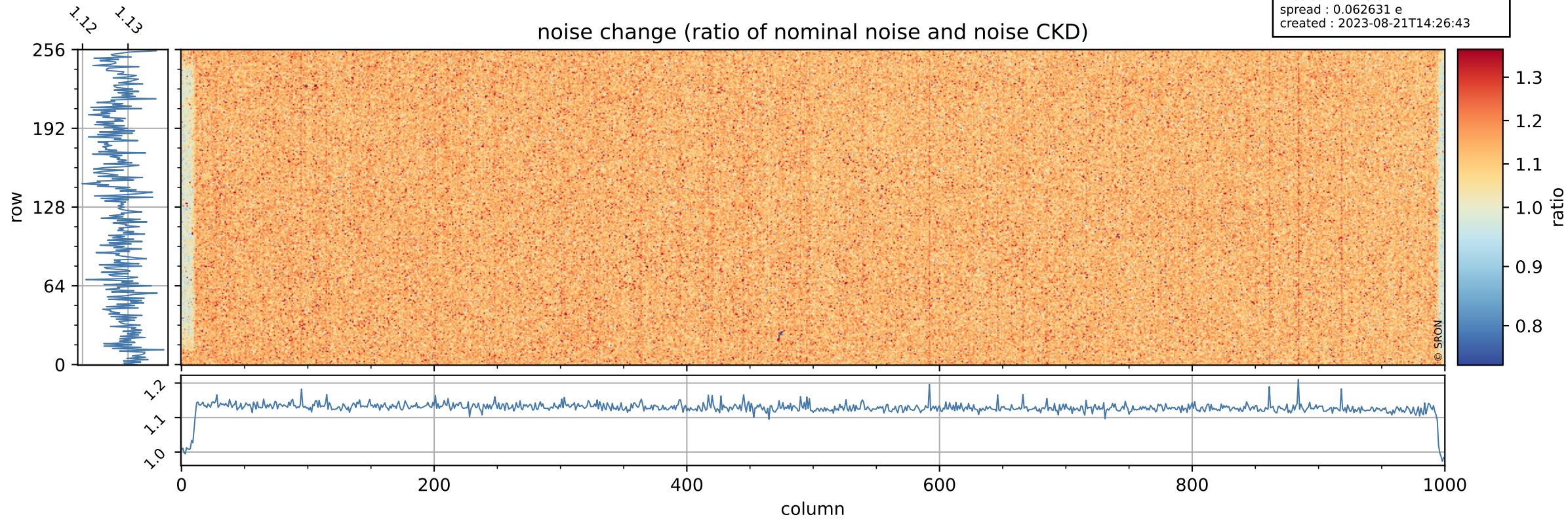
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
median : 1.0021 e
spread : 0.0083239 e
created : 2023-08-21T14:26:43



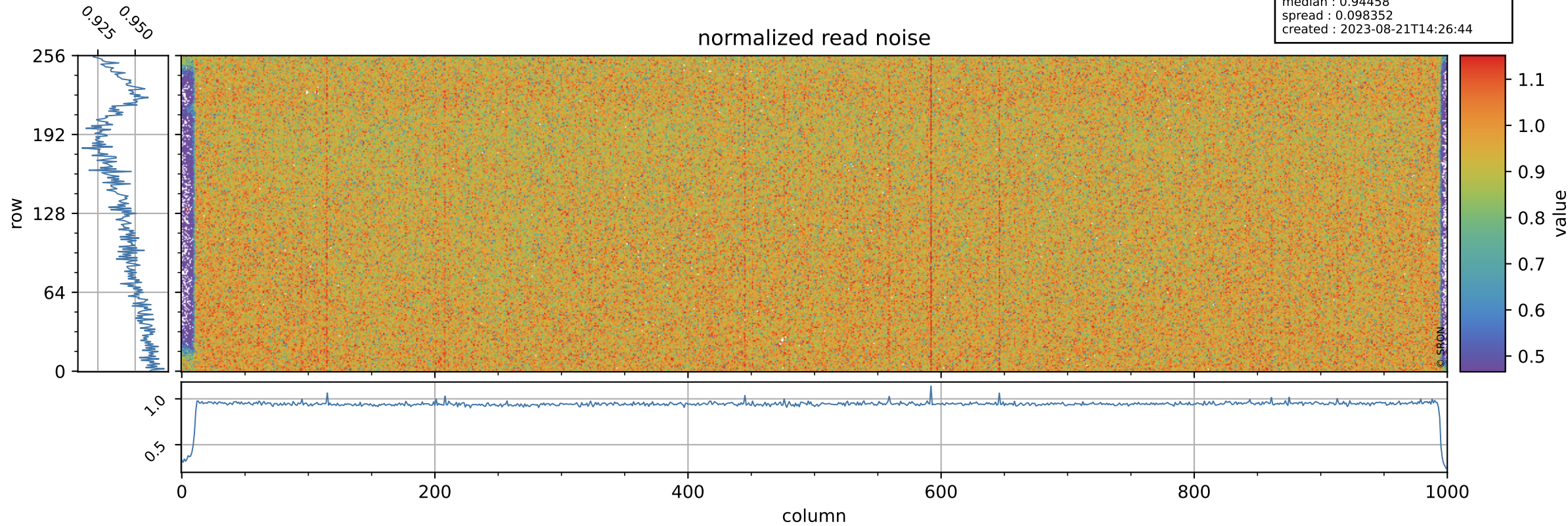
Tropomi SWIR background noise (swir)

orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
median : 1.128 e
spread : 0.062631 e
created : 2023-08-21T14:26:43



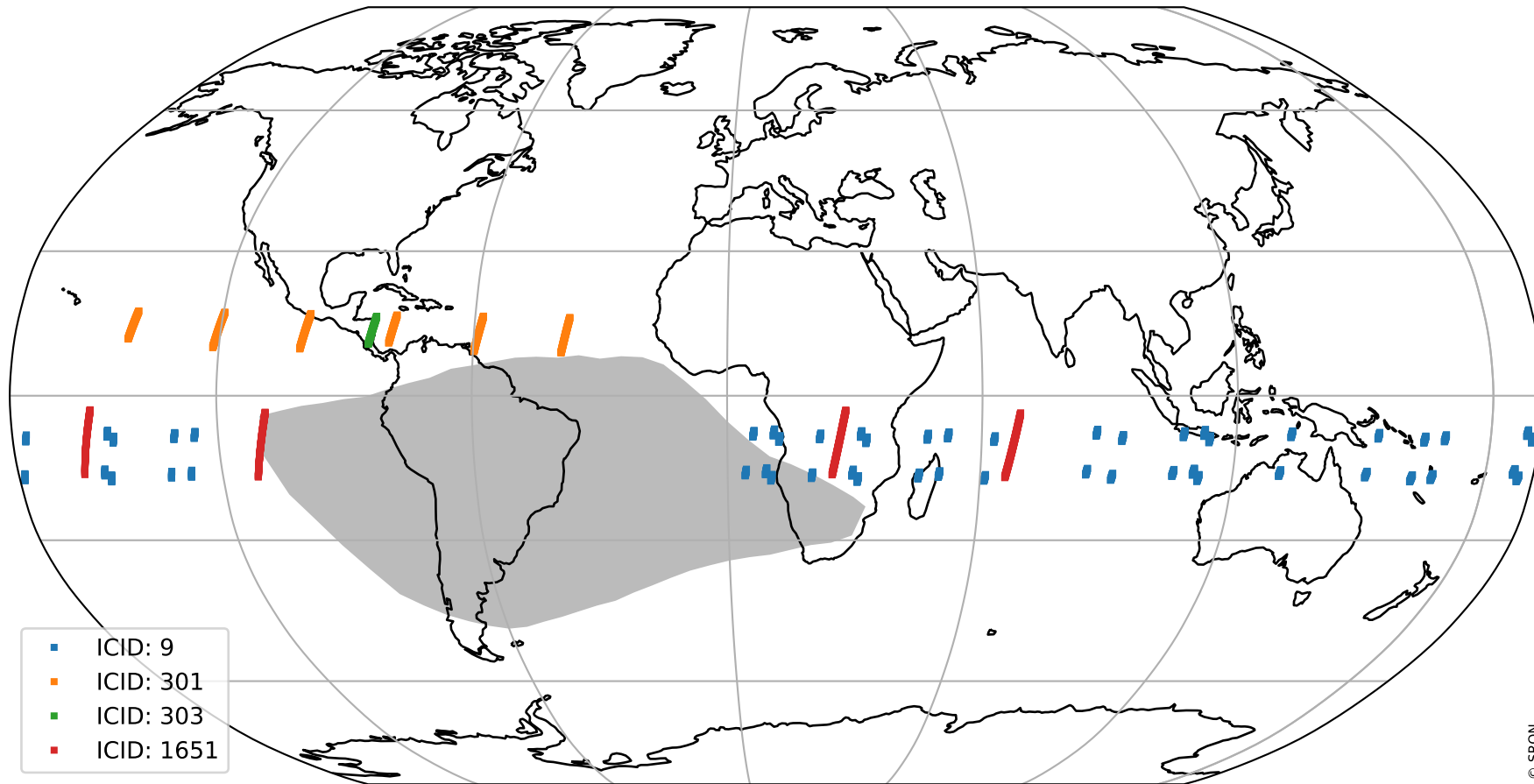
Tropomi SWIR background noise (swir)

orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
median : 0.94458
spread : 0.098352
created : 2023-08-21T14:26:44



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

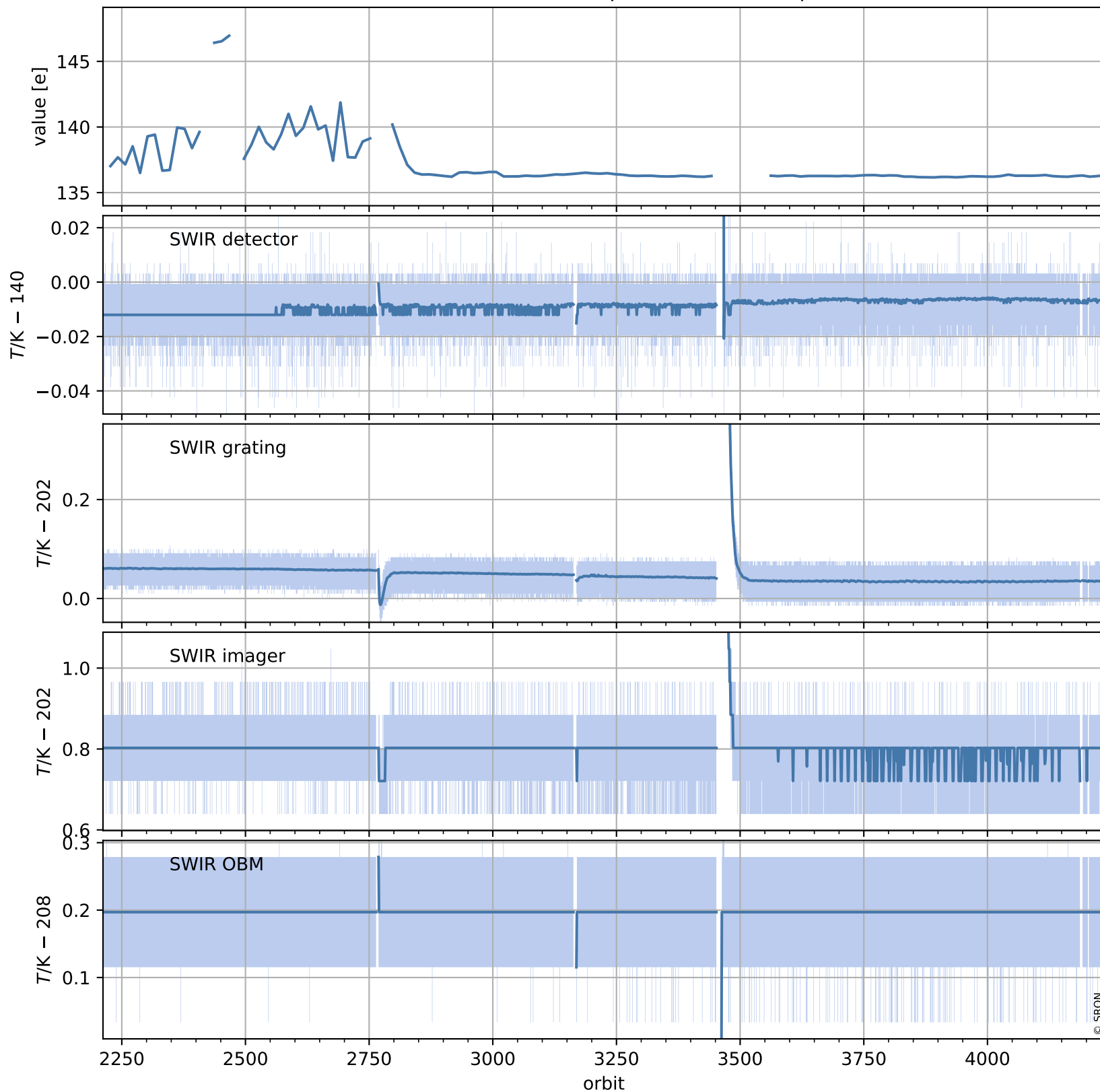
orbits : 11 in [4162, 4237]
coverage : 2018-08-02 / 2018-08-07
created : 2023-08-21T14:26:44



Tropomi SWIR background noise (swir)

orbits : [2212, 4237]
coverage : 2018-03-18 / 2018-08-07
created : 2023-08-21T14:26:44

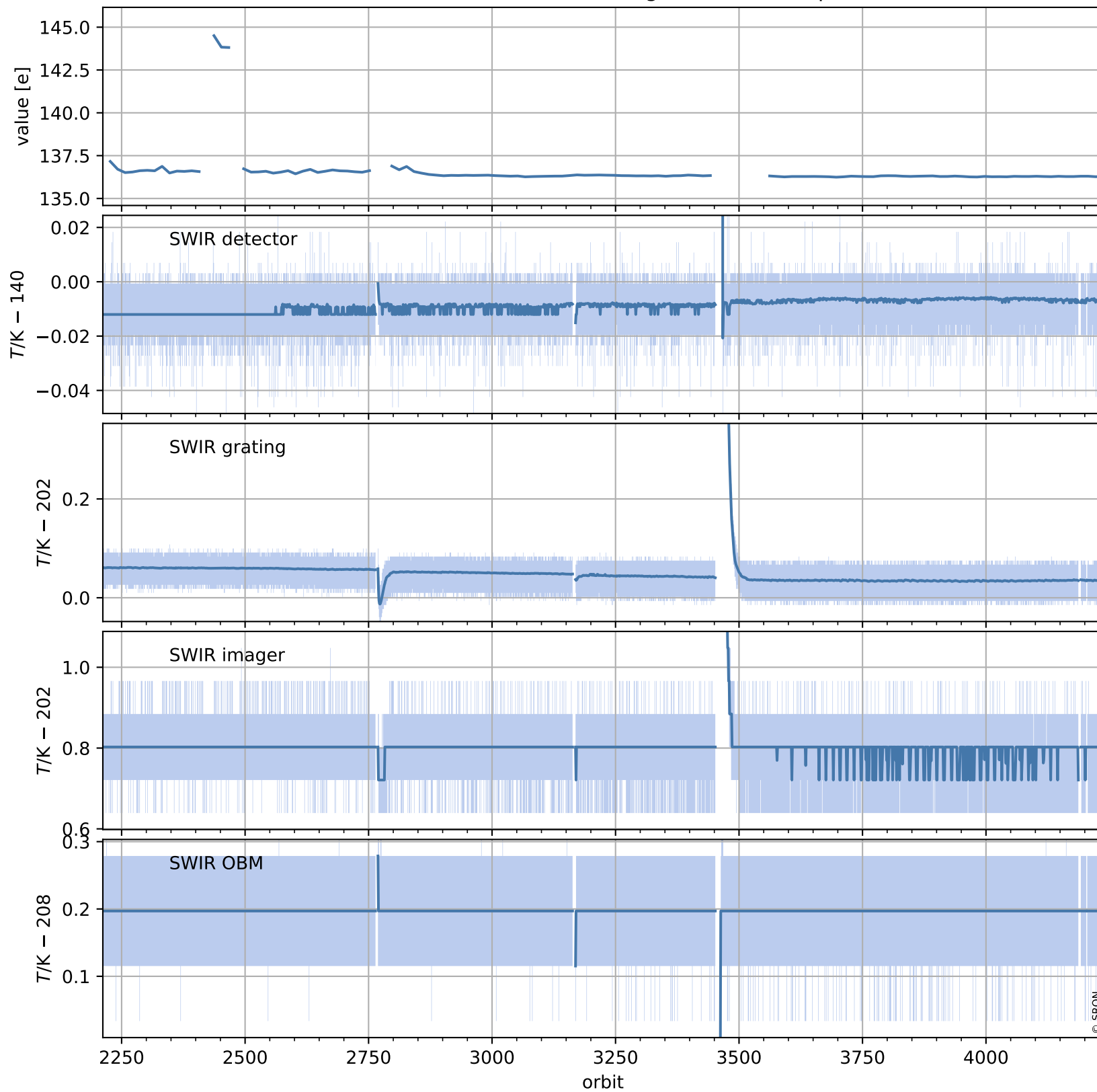
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4237]
coverage : 2018-03-18 / 2018-08-07
created : 2023-08-21T14:26:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4237]
coverage : 2018-03-18 / 2018-08-07
created : 2023-08-21T14:26:46

trend of normalized read-noise & temperatures

