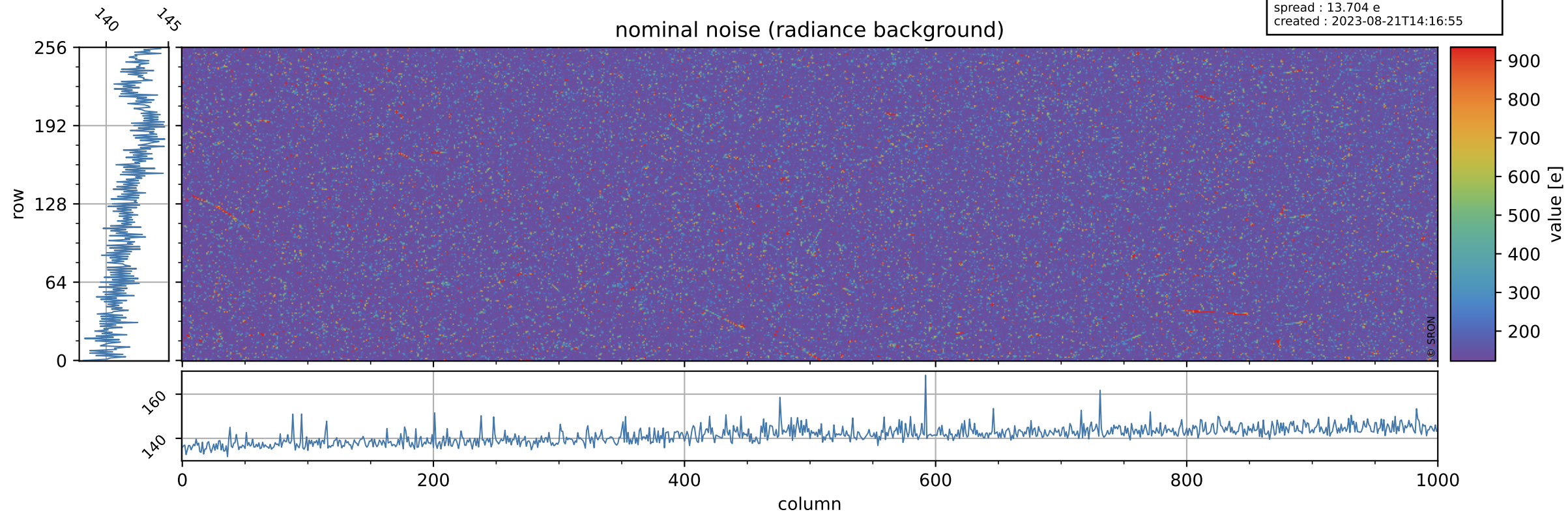


Tropomi SWIR background noise (swir)

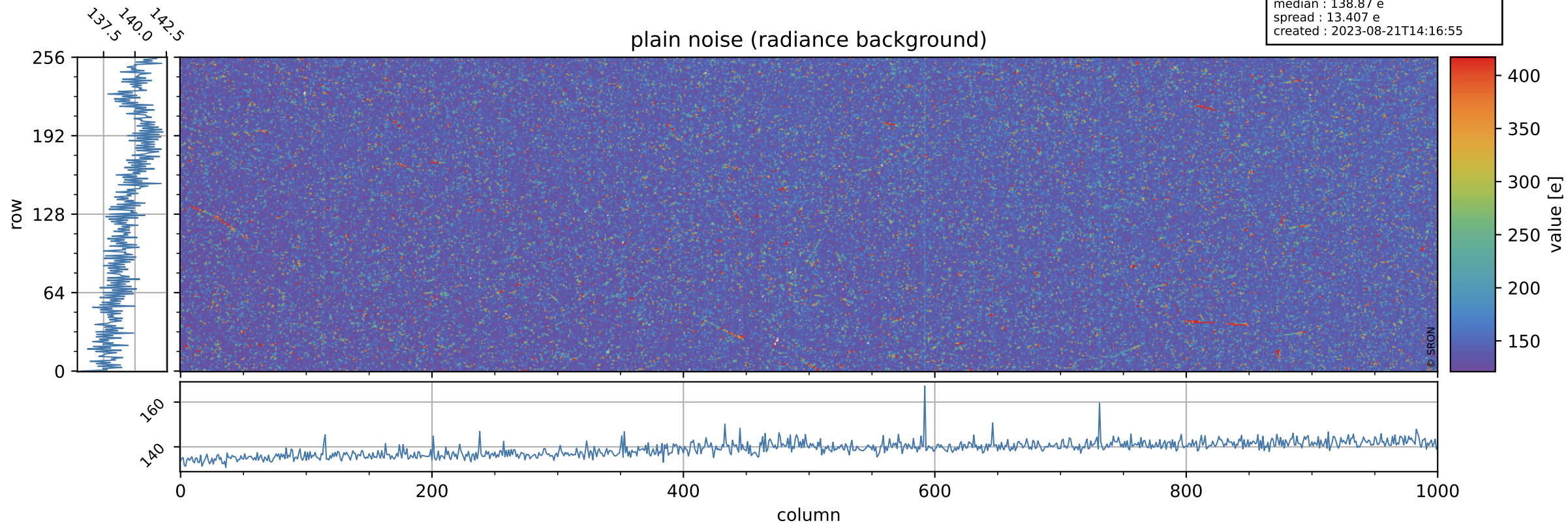
orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
n_coad, t_exp : 2, 0.5383
median : 140.86 e
spread : 13.704 e
created : 2023-08-21T14:16:55



Tropomi SWIR background noise (swir)

orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
n_coad, t_exp : 2, 0.5383
median : 138.87 e
spread : 13.407 e
created : 2023-08-21T14:16:55

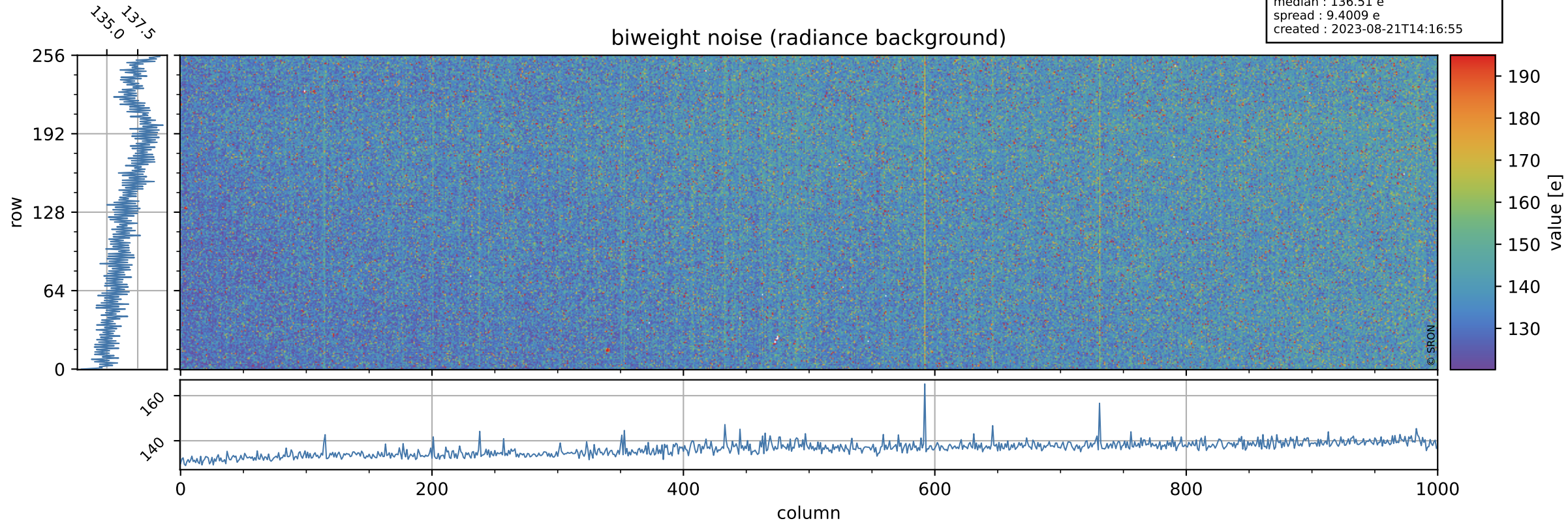
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
n_coad, t_exp : 2, 0.5383
median : 136.51 e
spread : 9.4009 e
created : 2023-08-21T14:16:55

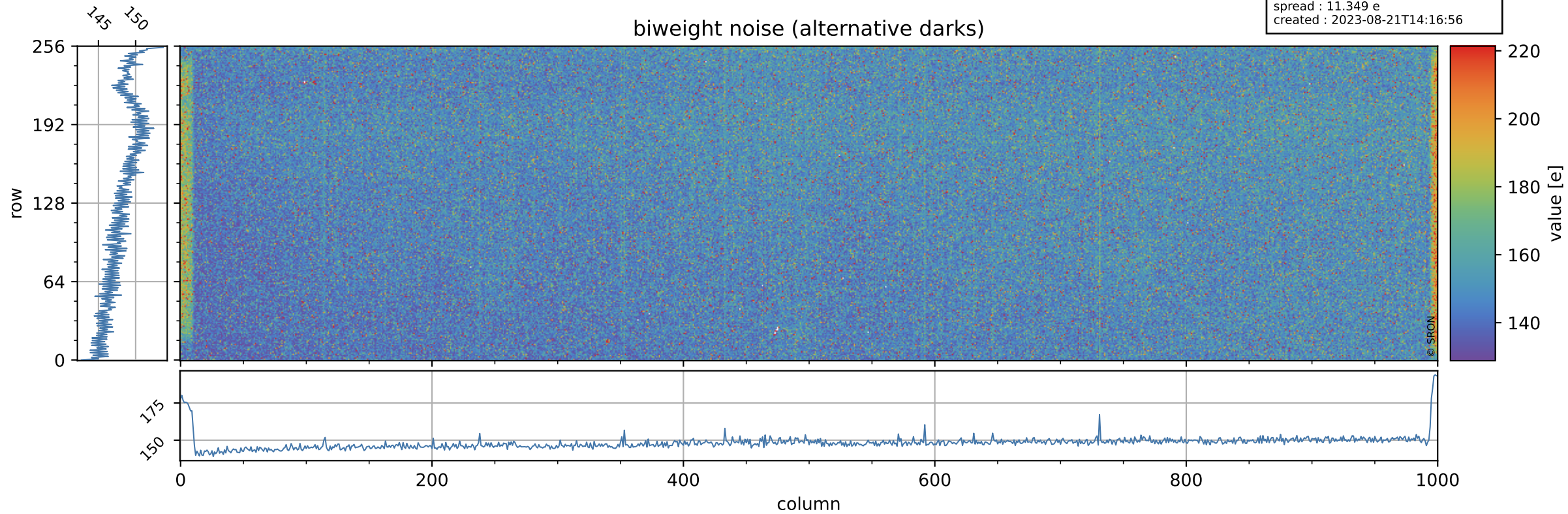
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
n_coad, t_exp : 1, 1.0783
median : 147.97 e
spread : 11.349 e
created : 2023-08-21T14:16:56

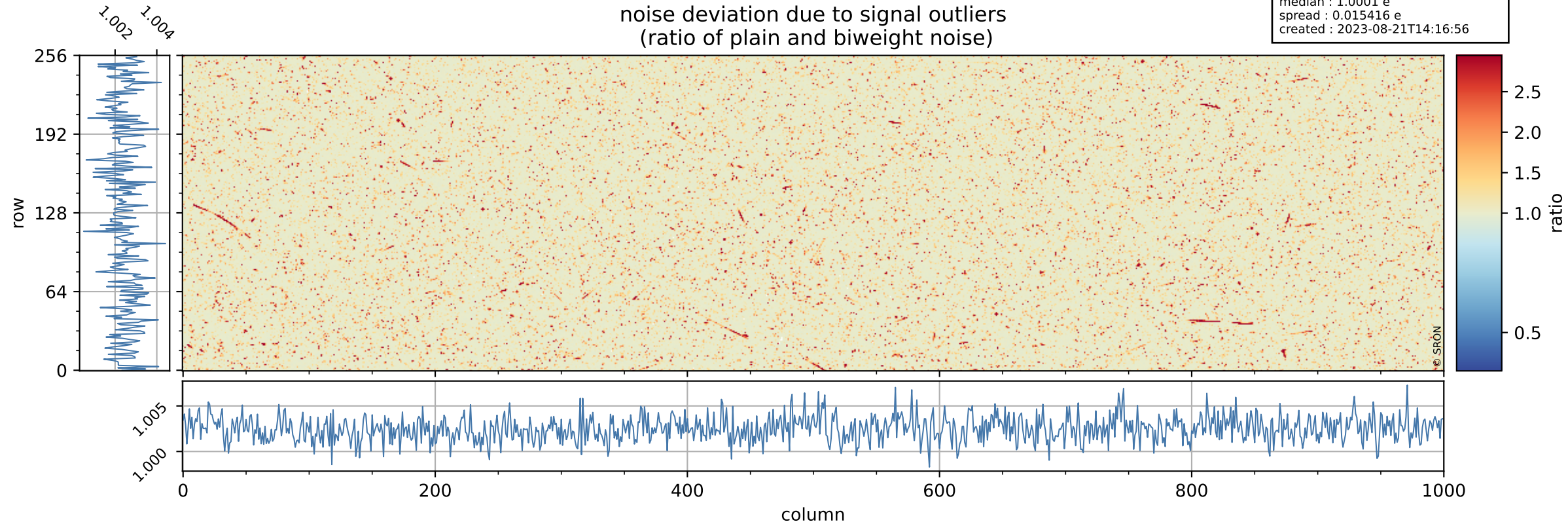
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

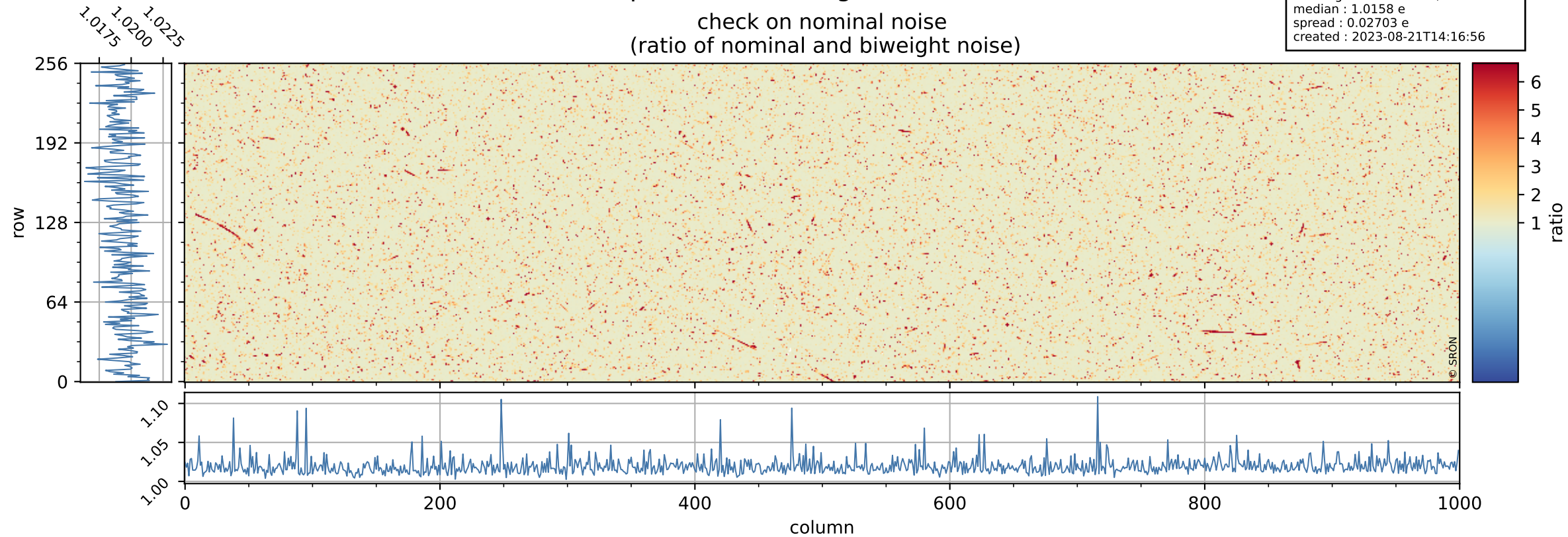
orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
median : 1.0001 e
spread : 0.015416 e
created : 2023-08-21T14:16:56



Tropomi SWIR background noise (swir)

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

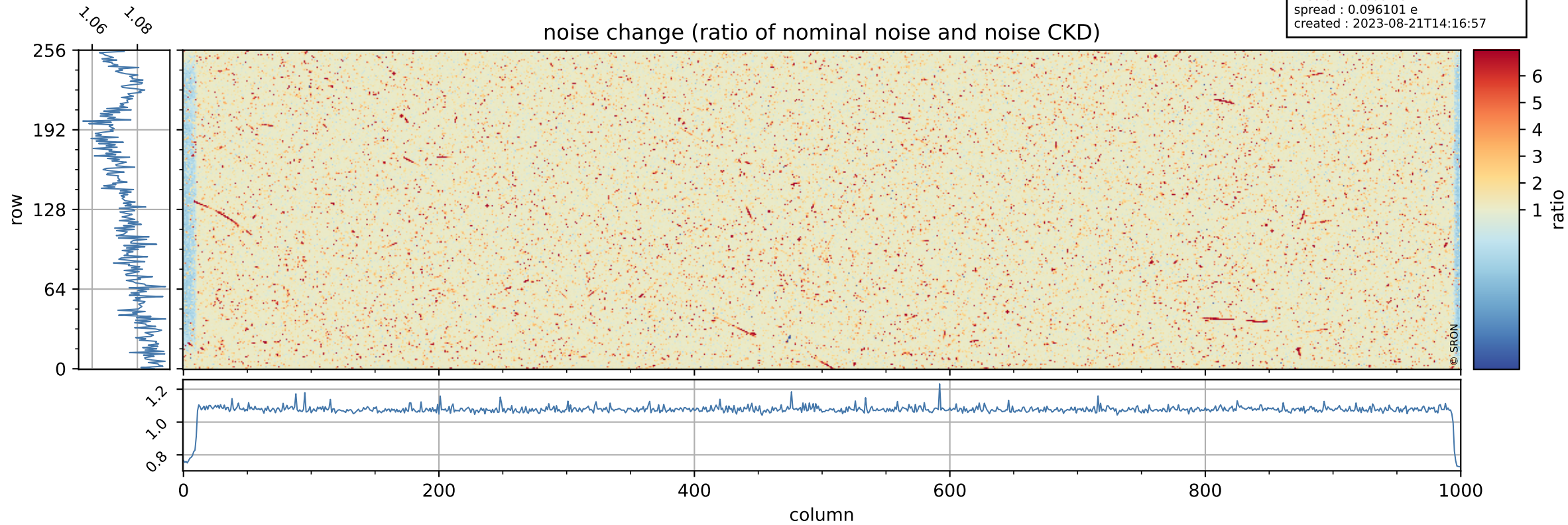
orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
median : 1.0158 e
spread : 0.02703 e
created : 2023-08-21T14:16:56



Tropomi SWIR background noise (swir)

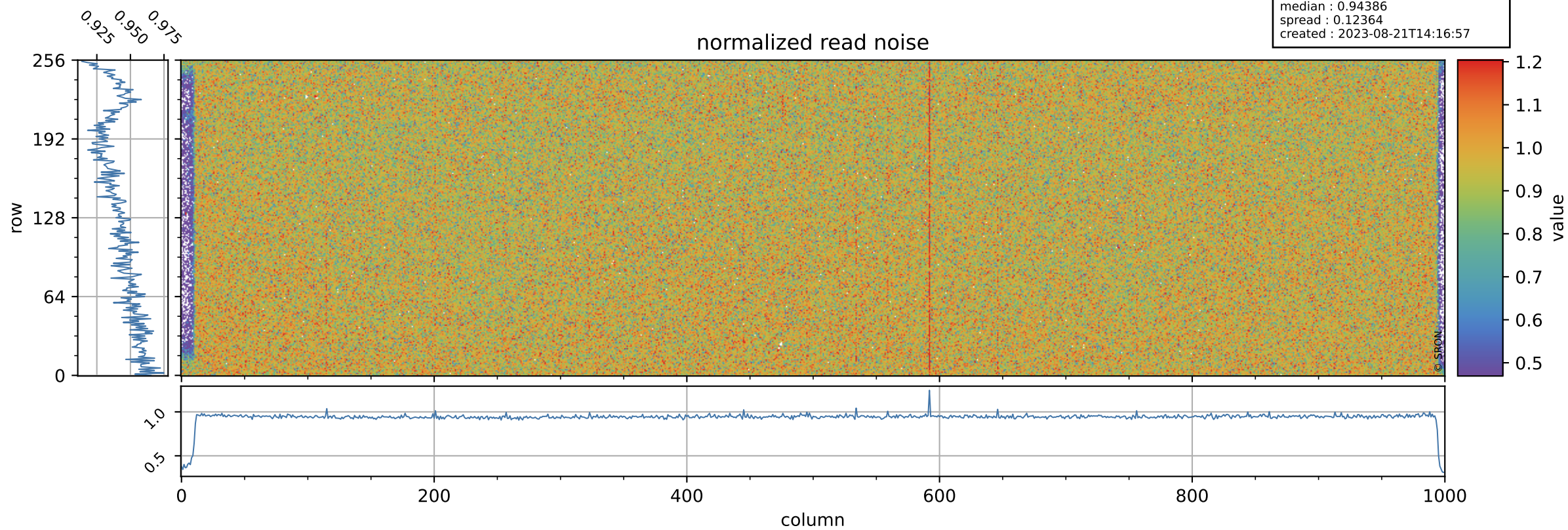
orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
median : 1.0664 e
spread : 0.096101 e
created : 2023-08-21T14:16:57

noise change (ratio of nominal noise and noise CKD)



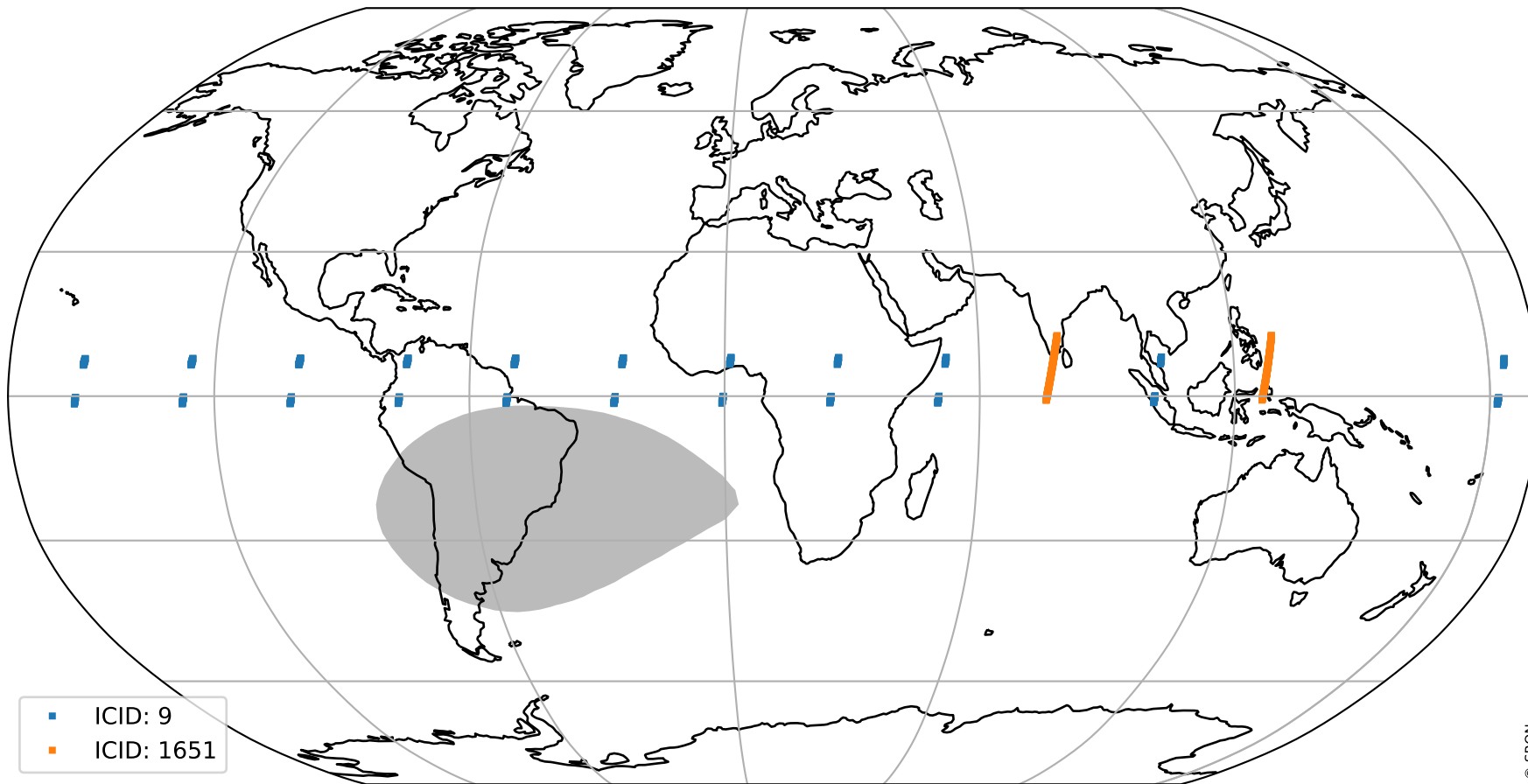
Tropomi SWIR background noise (swir)

orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
median : 0.94386
spread : 0.12364
created : 2023-08-21T14:16:57



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

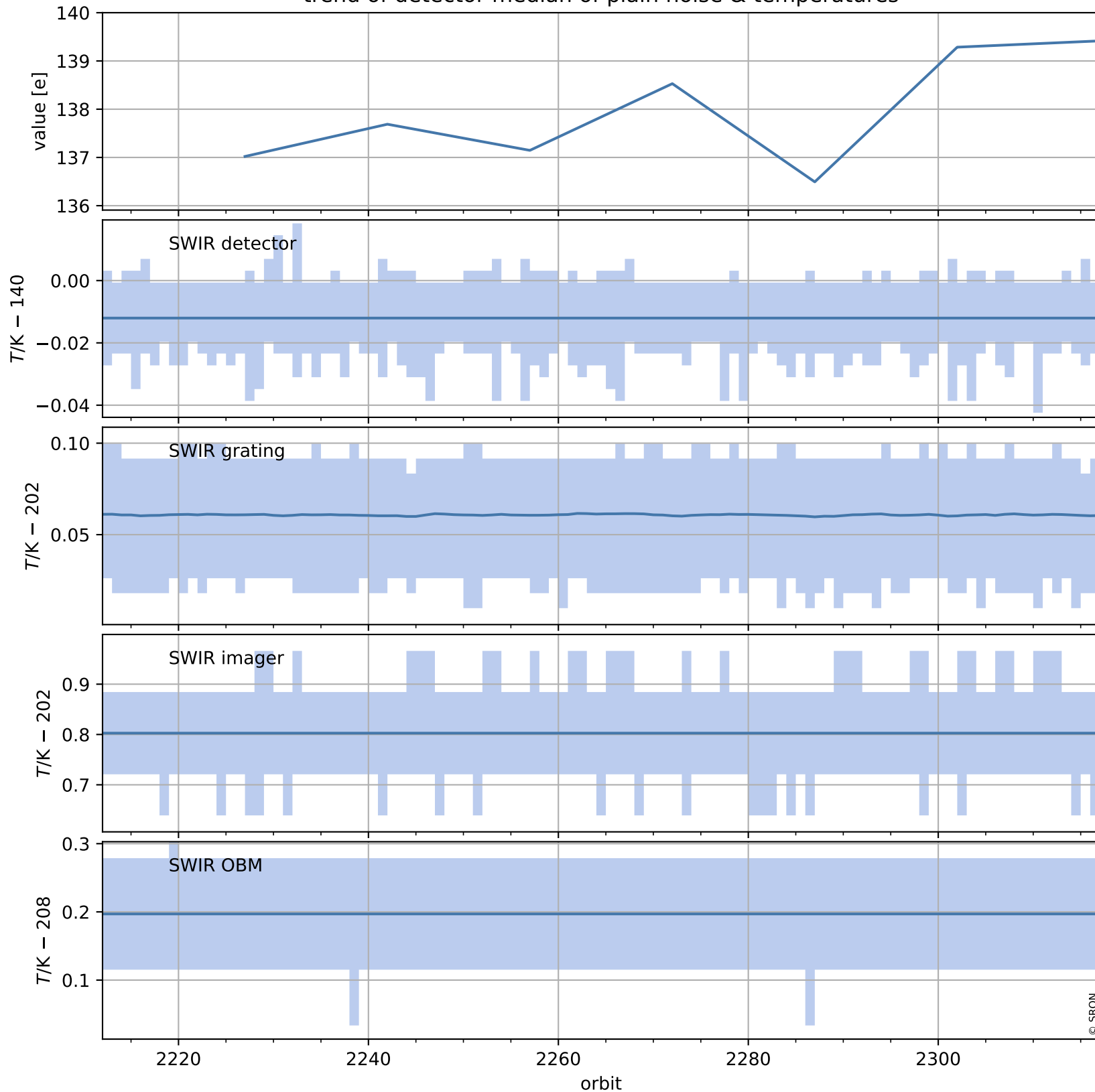
orbits : 11 in [2302, 2317]
coverage : 2018-03-24 / 2018-03-25
created : 2023-08-21T14:16:57



Tropomi SWIR background noise (swir)

orbits : [2212, 2317]
coverage : 2018-03-18 / 2018-03-25
created : 2023-08-21T14:16:57

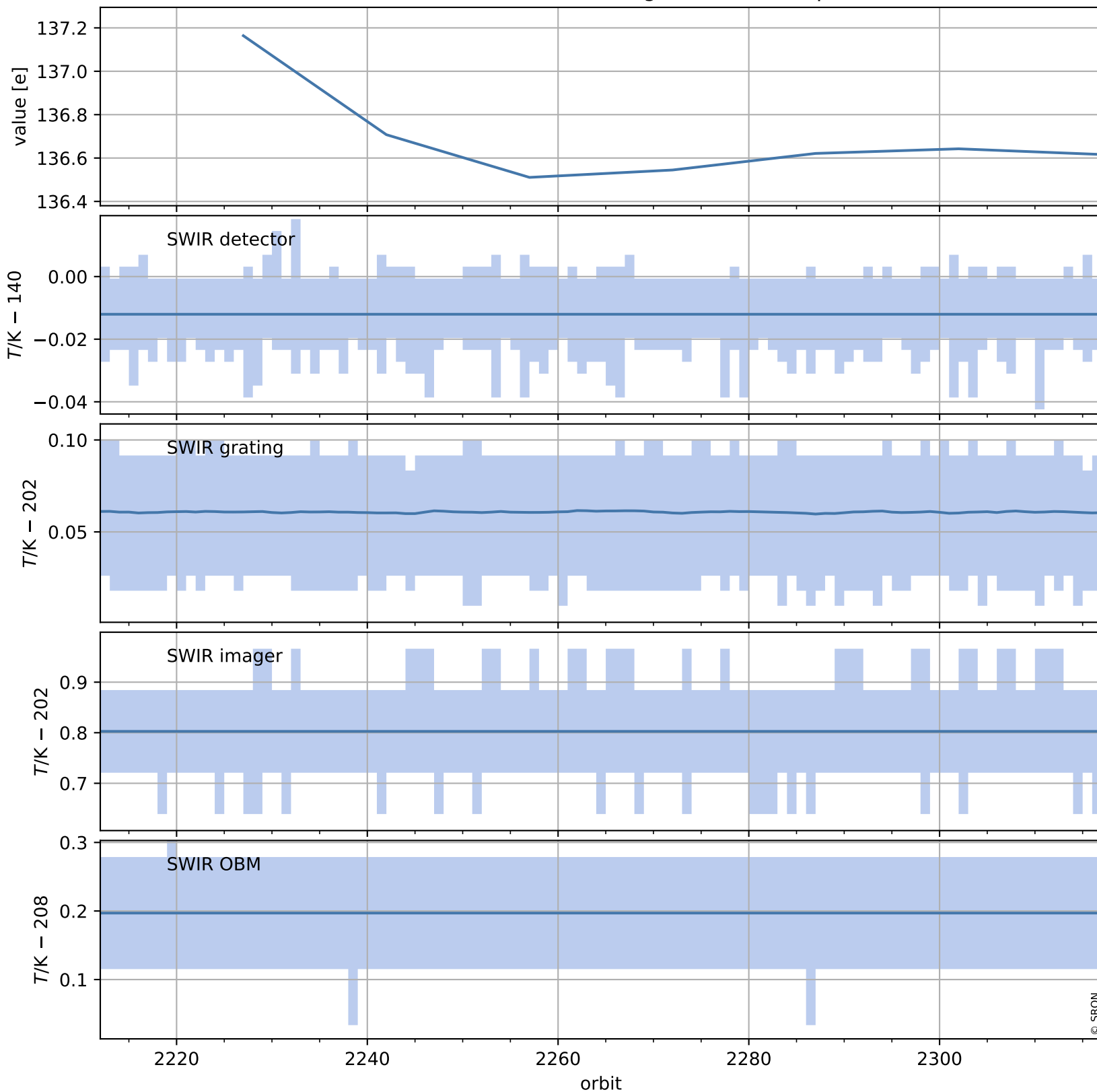
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2317]
coverage : 2018-03-18 / 2018-03-25
created : 2023-08-21T14:16:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2317]
coverage : 2018-03-18 / 2018-03-25
created : 2023-08-21T14:16:58

trend of normalized read-noise & temperatures

