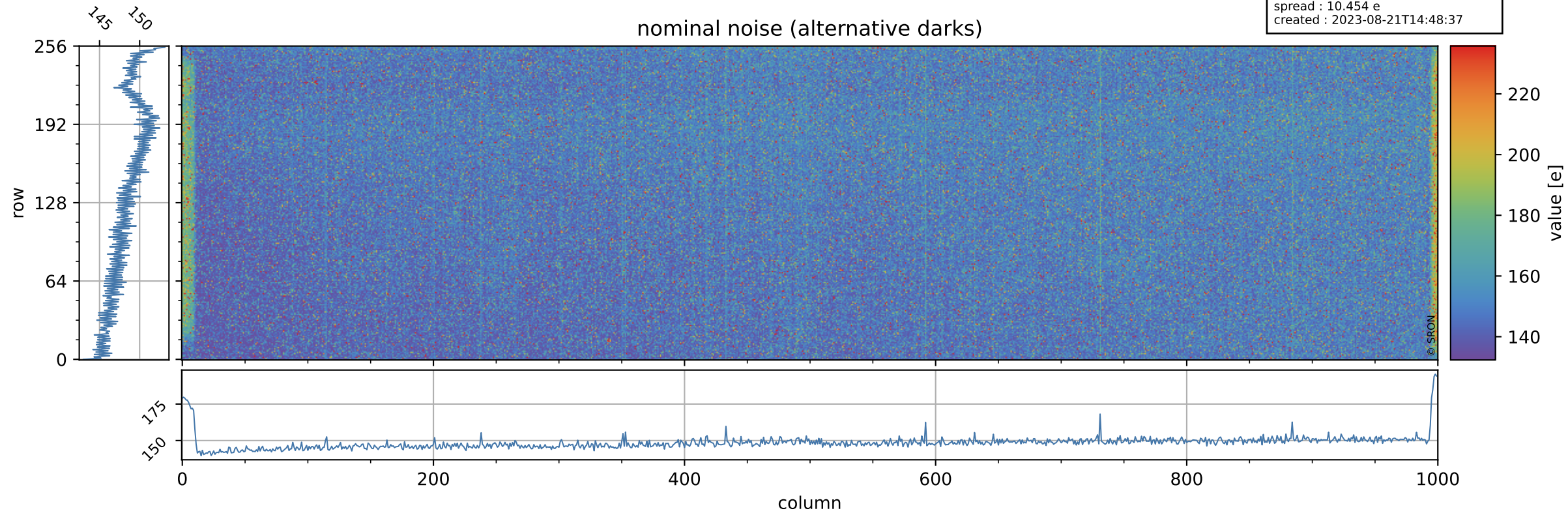


Tropomi SWIR background noise (swir)

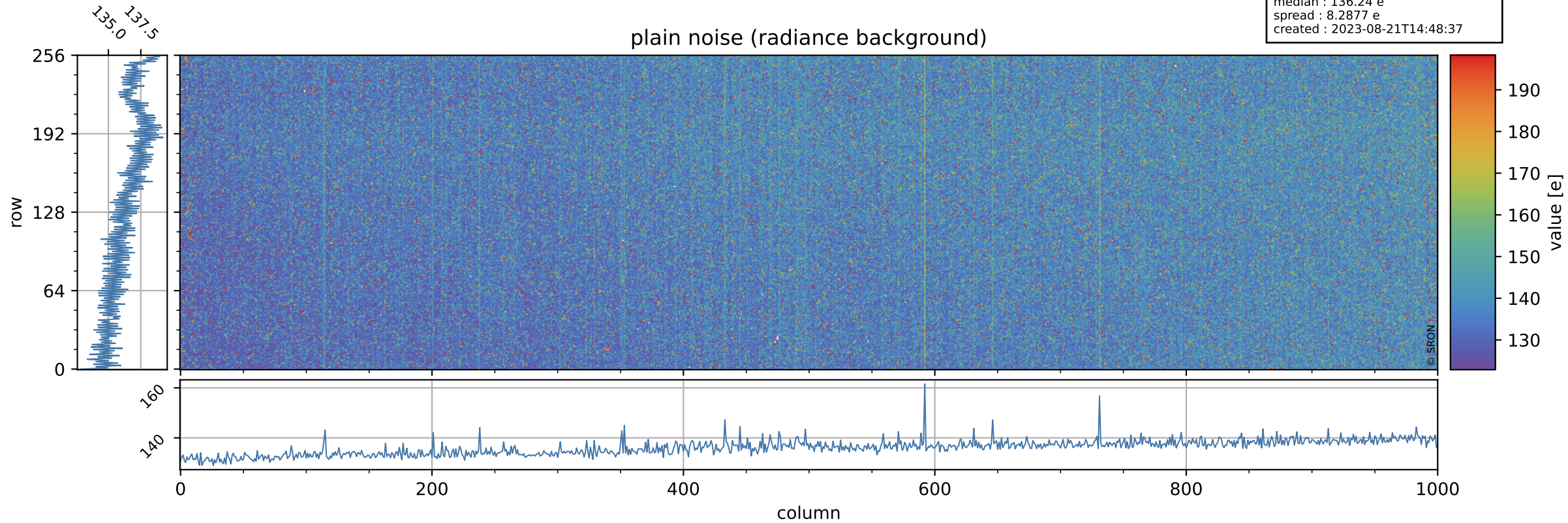
orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
n_coad, t_exp : 1, 1.0783
median : 148.32 e
spread : 10.454 e
created : 2023-08-21T14:48:37



Tropomi SWIR background noise (swir)

orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.2877 e
created : 2023-08-21T14:48:37

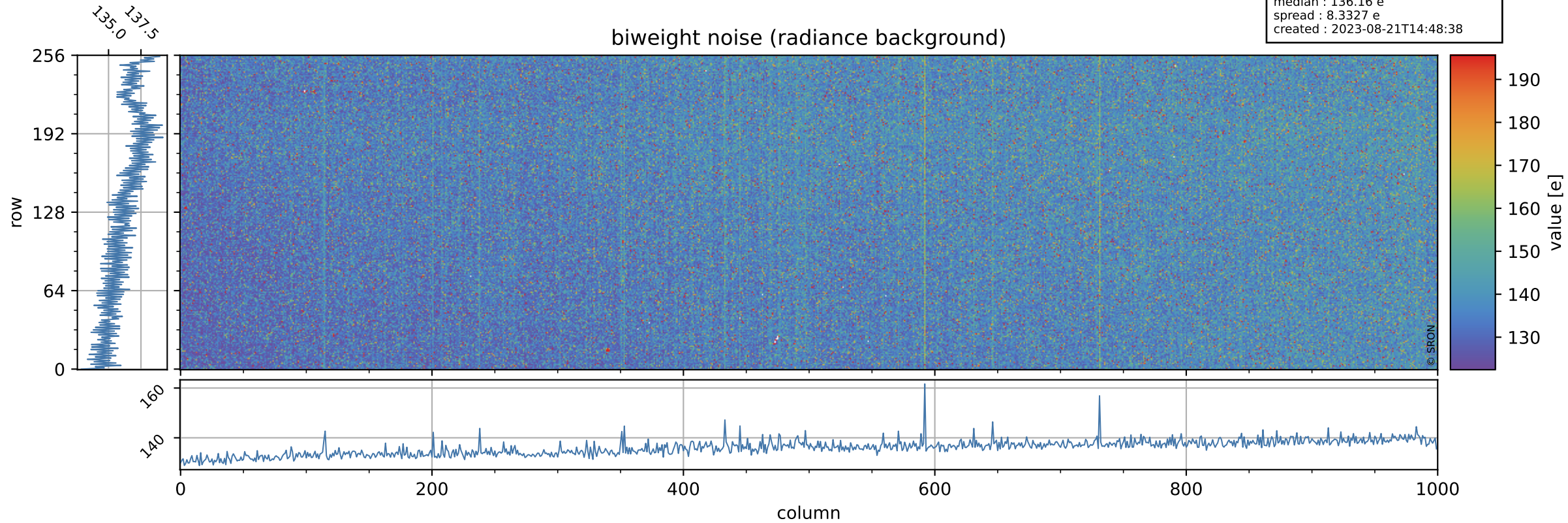
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.3327 e
created : 2023-08-21T14:48:38

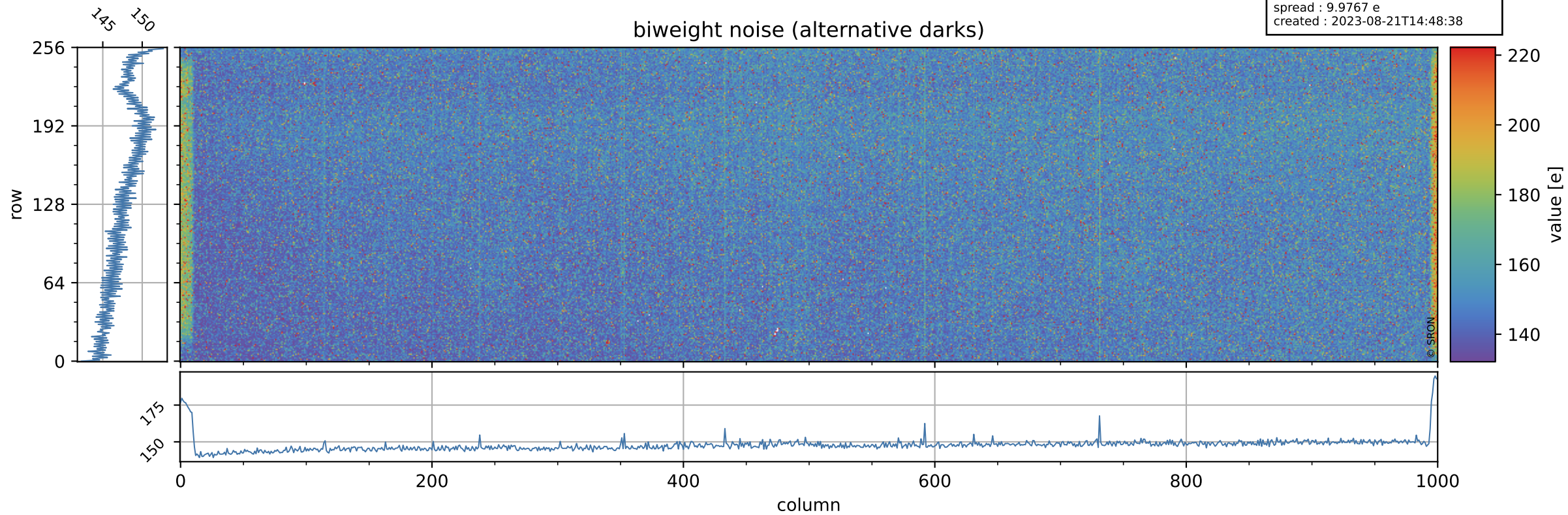
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9767 e
created : 2023-08-21T14:48:38

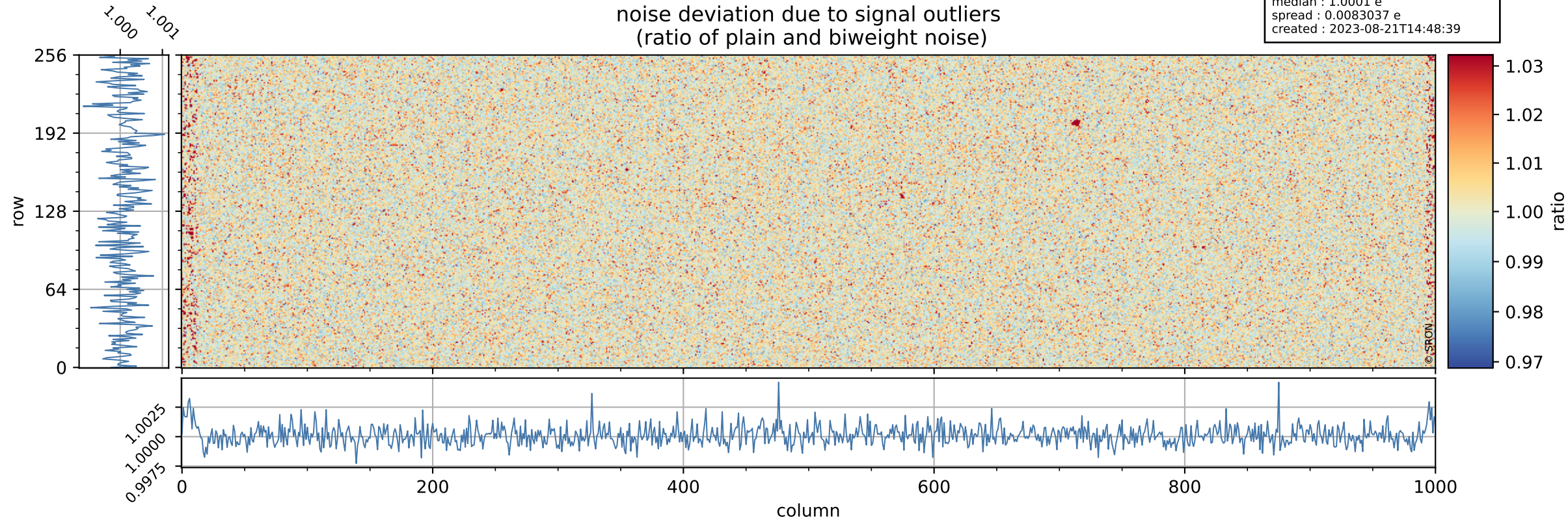
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

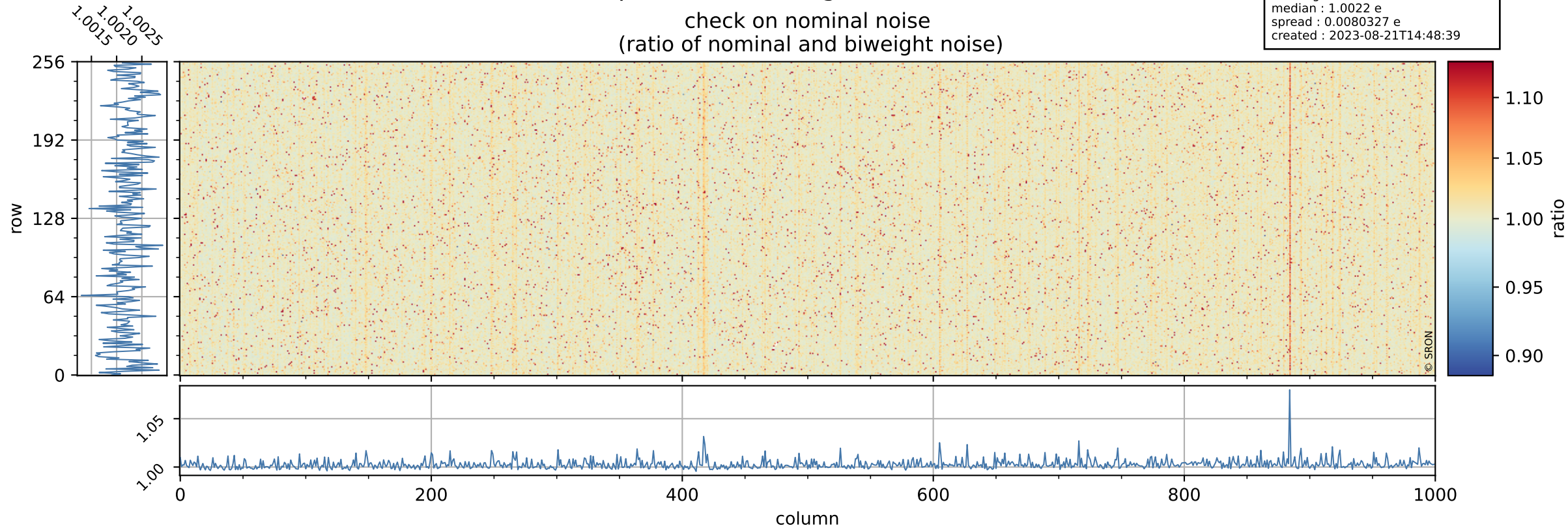
orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
median : 1.0001 e
spread : 0.0083037 e
created : 2023-08-21T14:48:39



Tropomi SWIR background noise (swir)

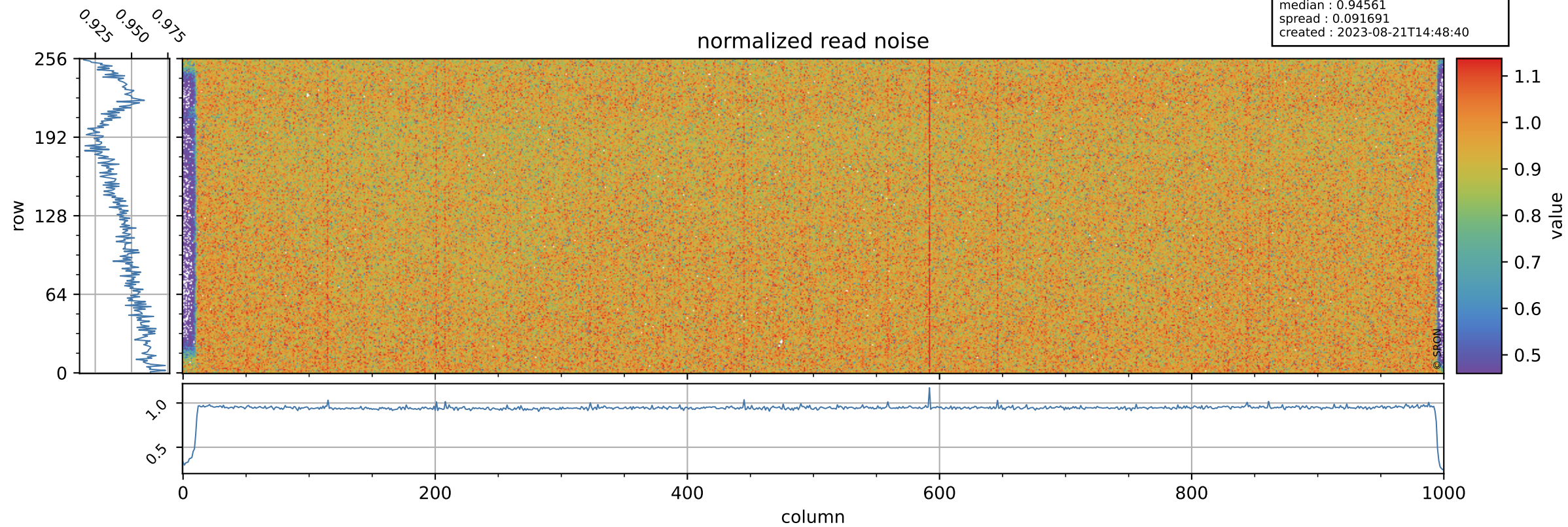
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
median : 1.0022 e
spread : 0.0080327 e
created : 2023-08-21T14:48:39



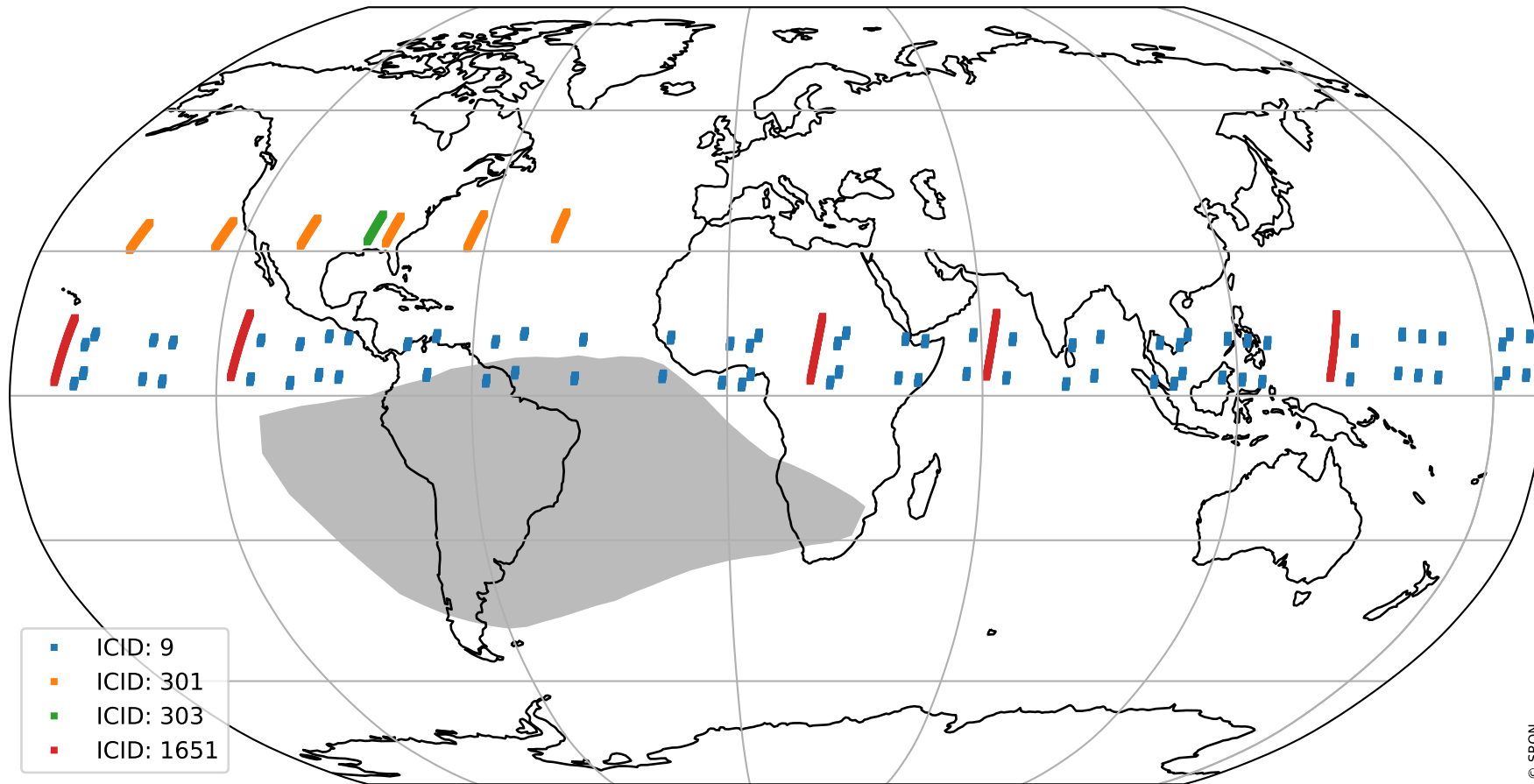
Tropomi SWIR background noise (swir)

orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
median : 0.94561
spread : 0.091691
created : 2023-08-21T14:48:40



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

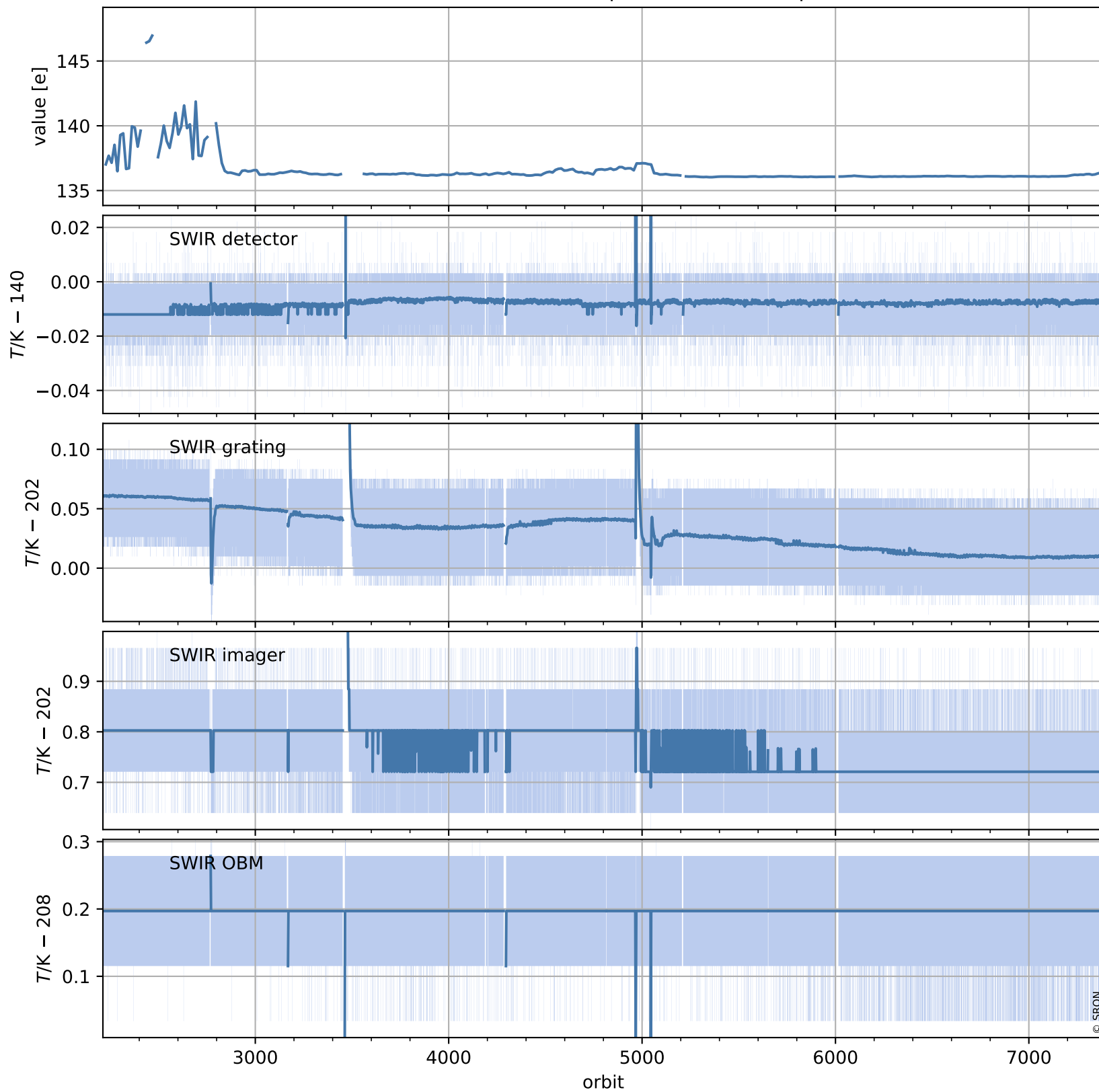
orbits : 12 in [7312, 7387]
coverage : 2019-03-12 / 2019-03-17
created : 2023-08-21T14:48:41



Tropomi SWIR background noise (swir)

orbits : [2212, 7387]
coverage : 2018-03-18 / 2019-03-17
created : 2023-08-21T14:48:41

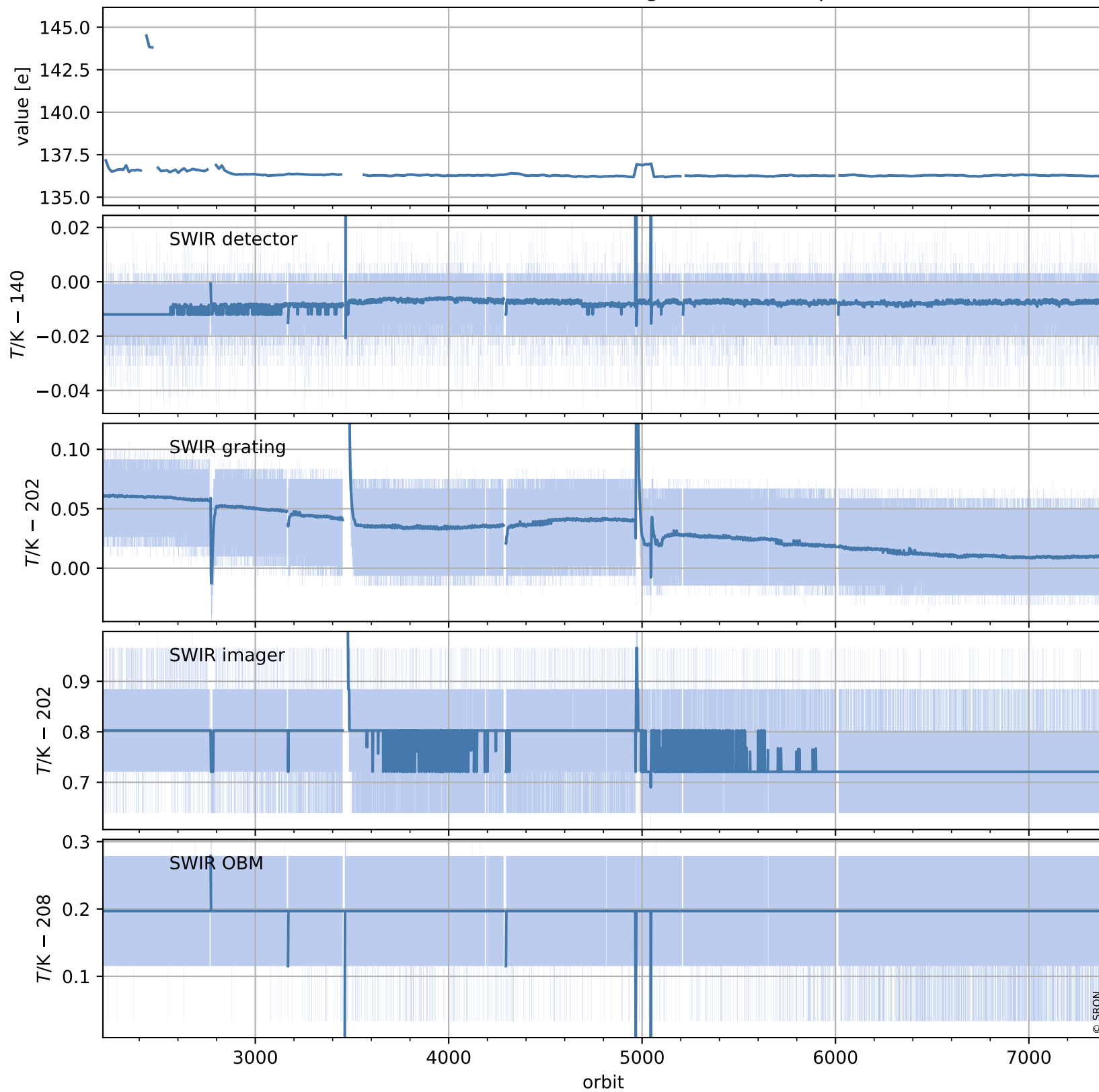
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7387]
coverage : 2018-03-18 / 2019-03-17
created : 2023-08-21T14:48:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7387]
coverage : 2018-03-18 / 2019-03-17
created : 2023-08-21T14:48:42

trend of normalized read-noise & temperatures

