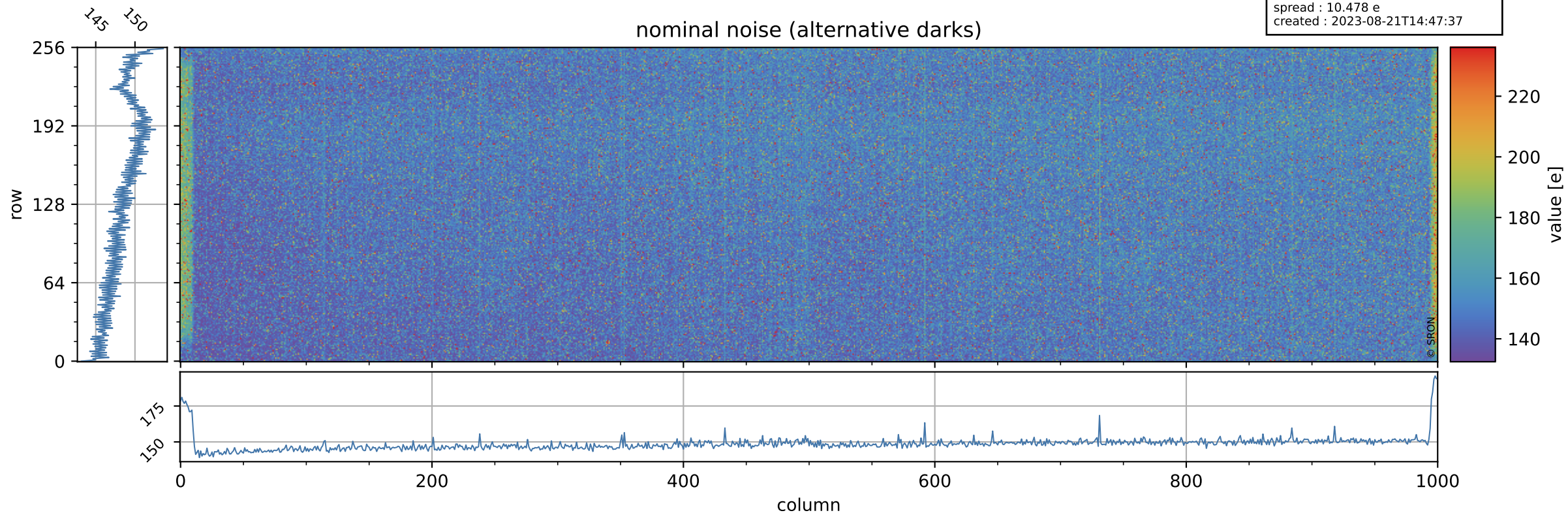


Tropomi SWIR background noise (swir)

orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.478 e
created : 2023-08-21T14:47:37

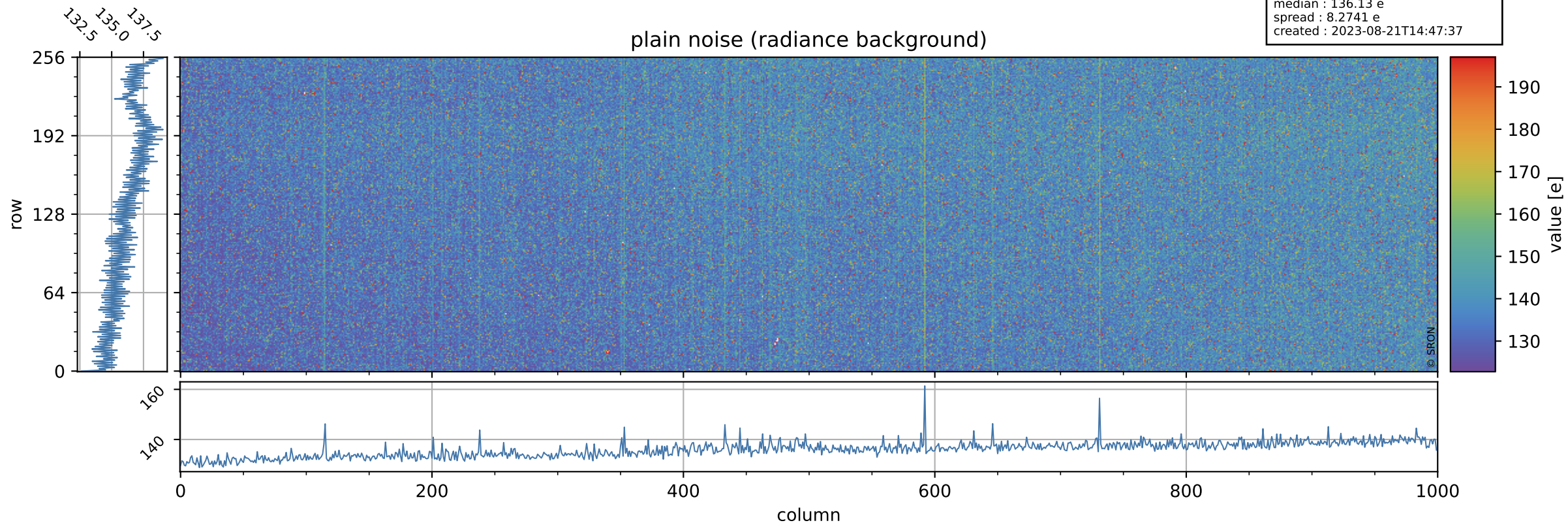
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.2741 e
created : 2023-08-21T14:47:37

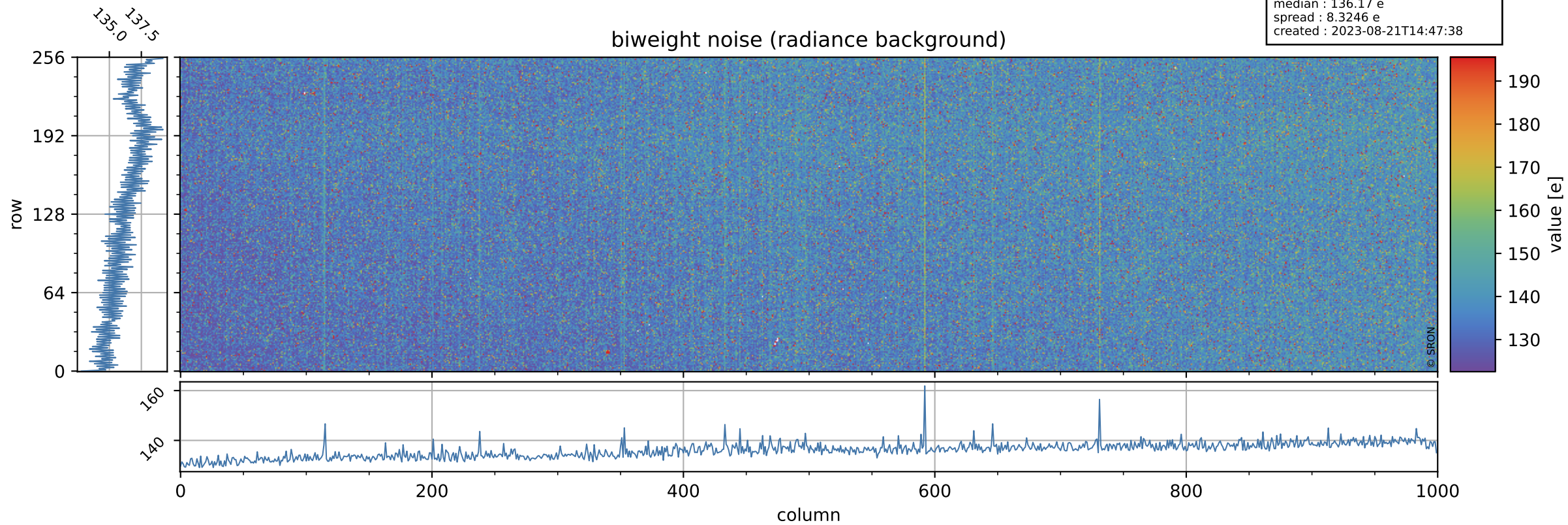
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3246 e
created : 2023-08-21T14:47:38

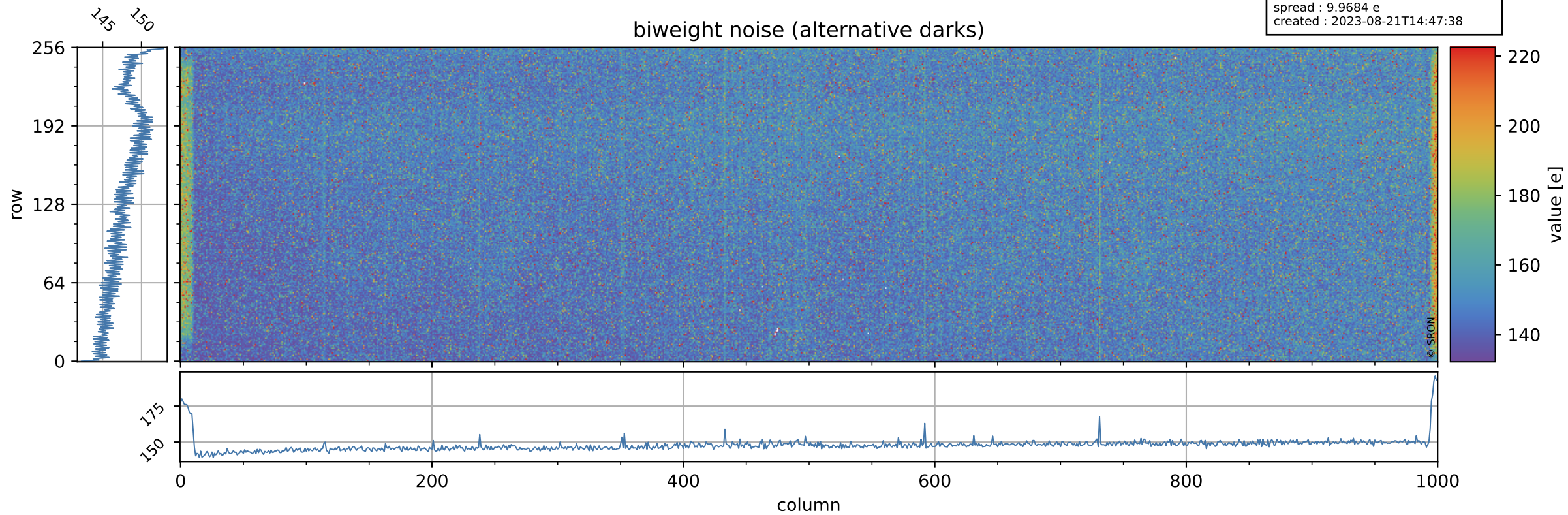
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 9.9684 e
created : 2023-08-21T14:47:38

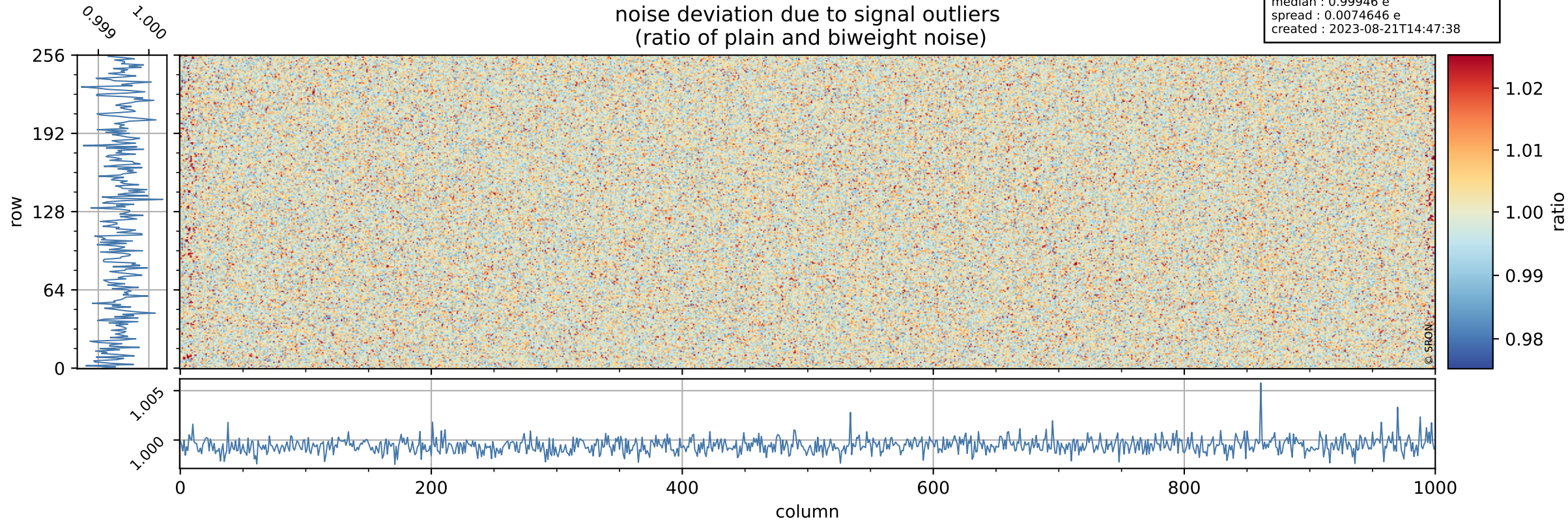
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

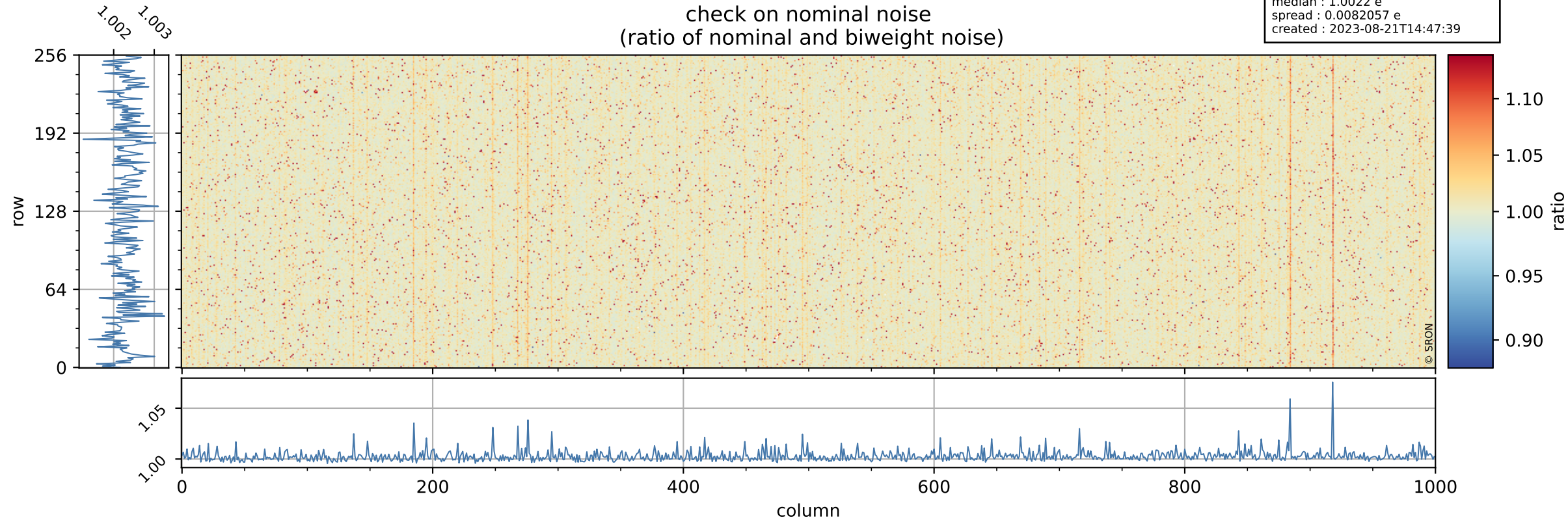
orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
median : 0.99946 e
spread : 0.0074646 e
created : 2023-08-21T14:47:38



Tropomi SWIR background noise (swir)

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

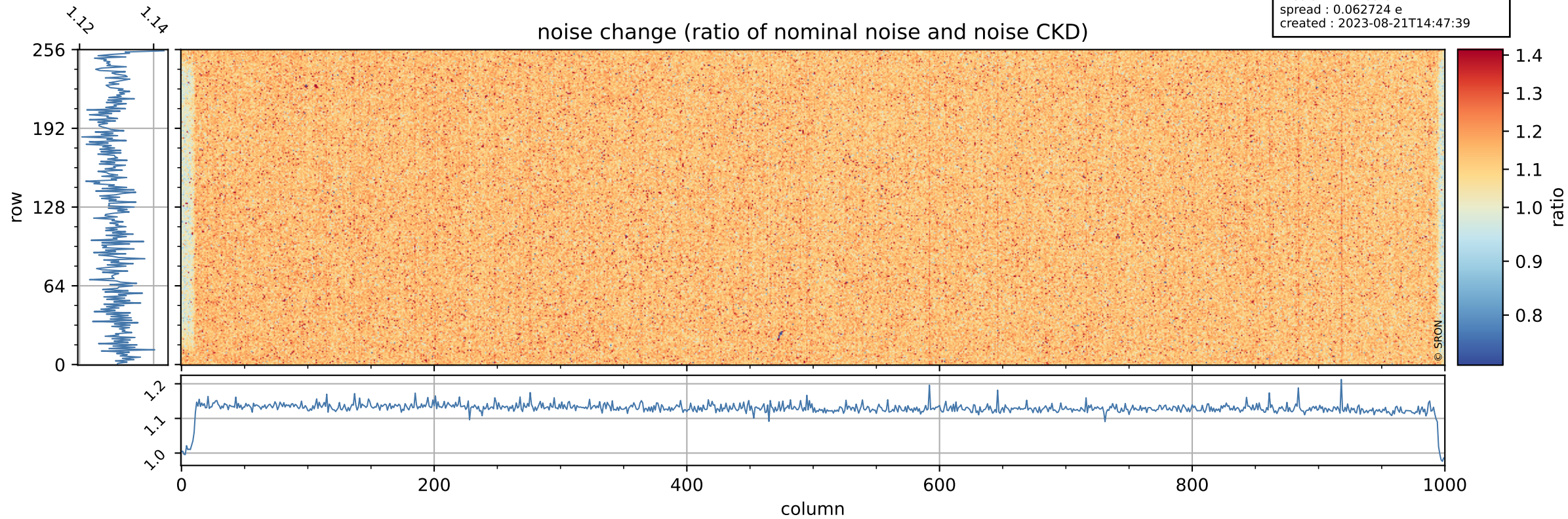
orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
median : 1.0022 e
spread : 0.0082057 e
created : 2023-08-21T14:47:39



Tropomi SWIR background noise (swir)

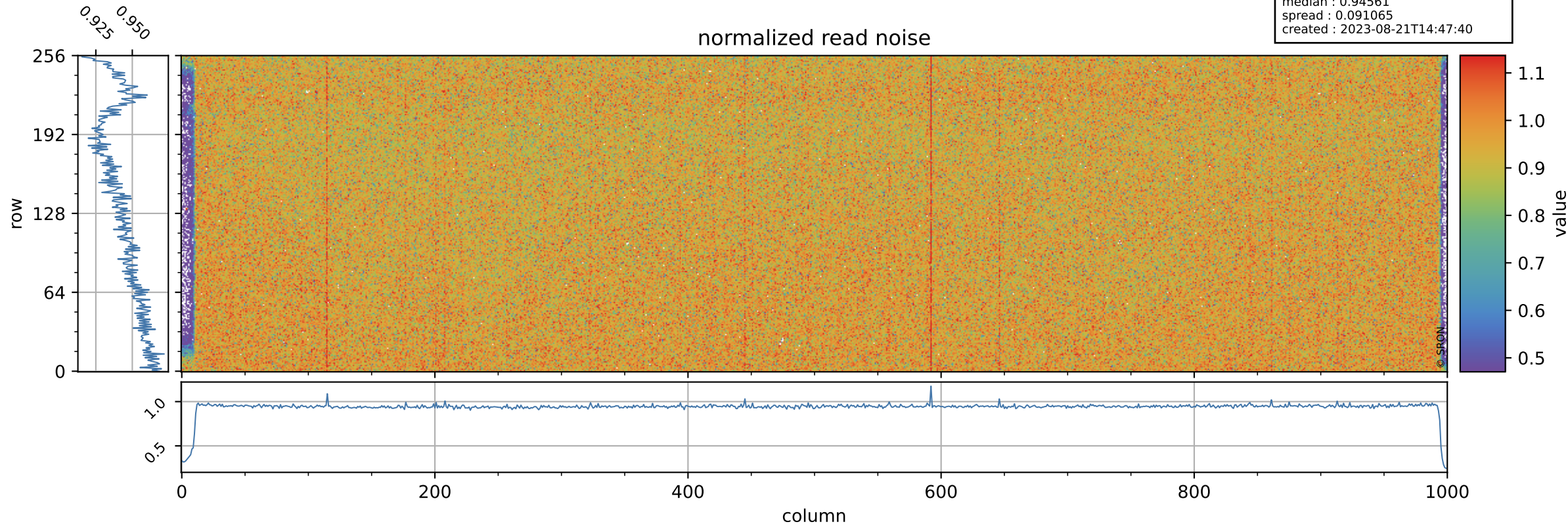
orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
median : 1.1289 e
spread : 0.062724 e
created : 2023-08-21T14:47:39

noise change (ratio of nominal noise and noise CKD)



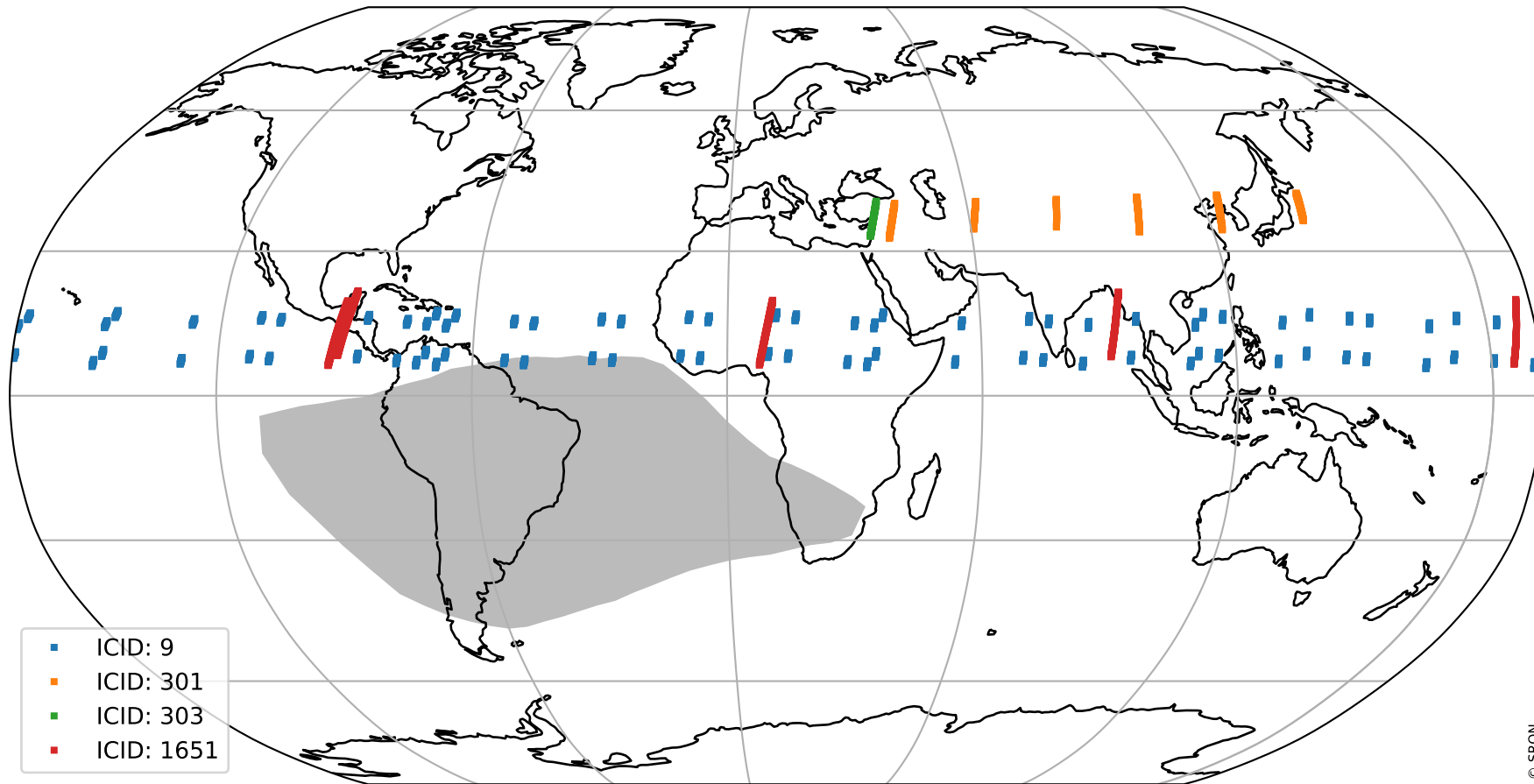
Tropomi SWIR background noise (swir)

orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
median : 0.94561
spread : 0.091065
created : 2023-08-21T14:47:40



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

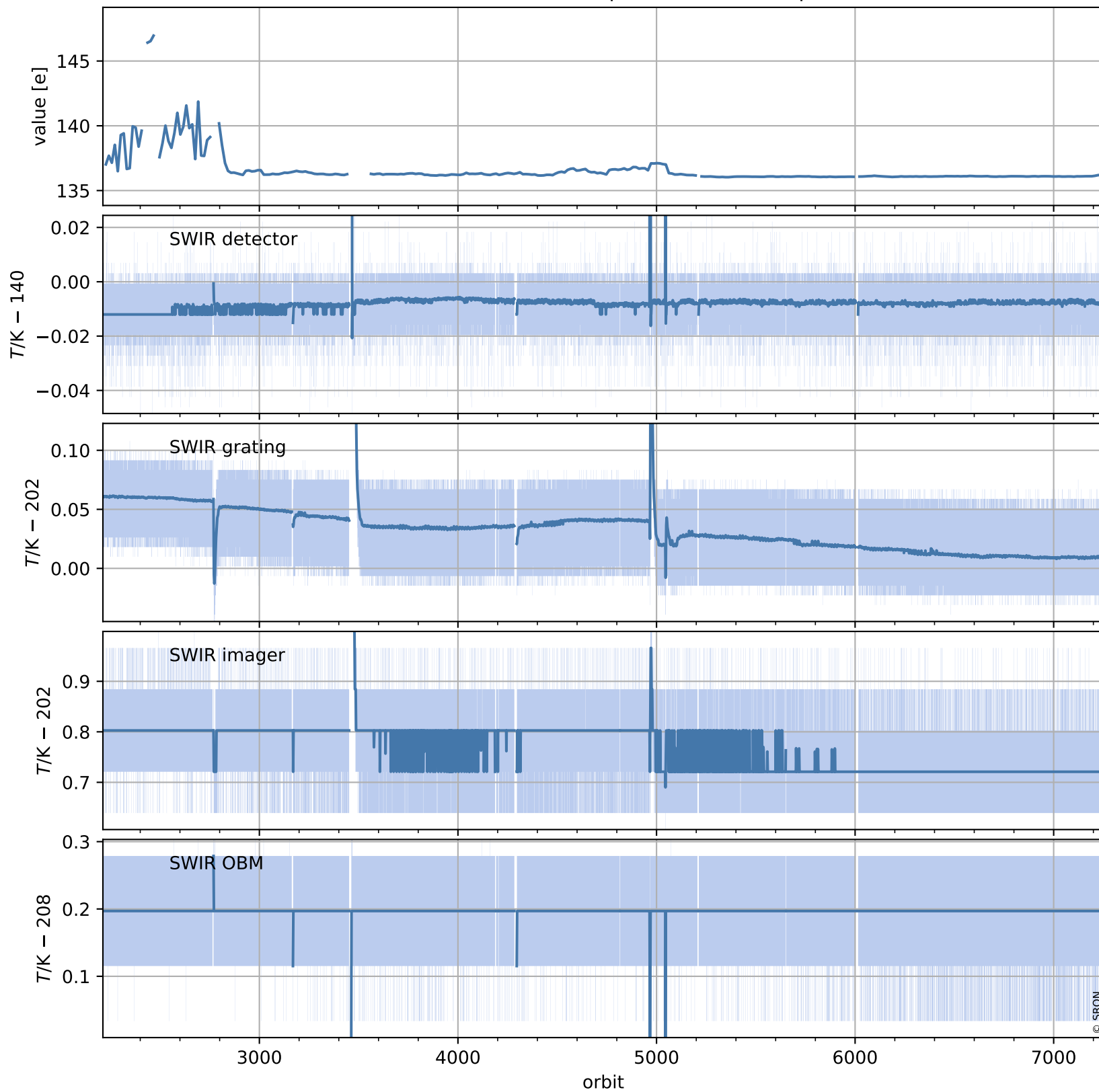
orbits : 12 in [7162, 7252]
coverage : 2019-03-02 / 2019-03-08
created : 2023-08-21T14:47:40



Tropomi SWIR background noise (swir)

orbits : [2212, 7252]
coverage : 2018-03-18 / 2019-03-08
created : 2023-08-21T14:47:41

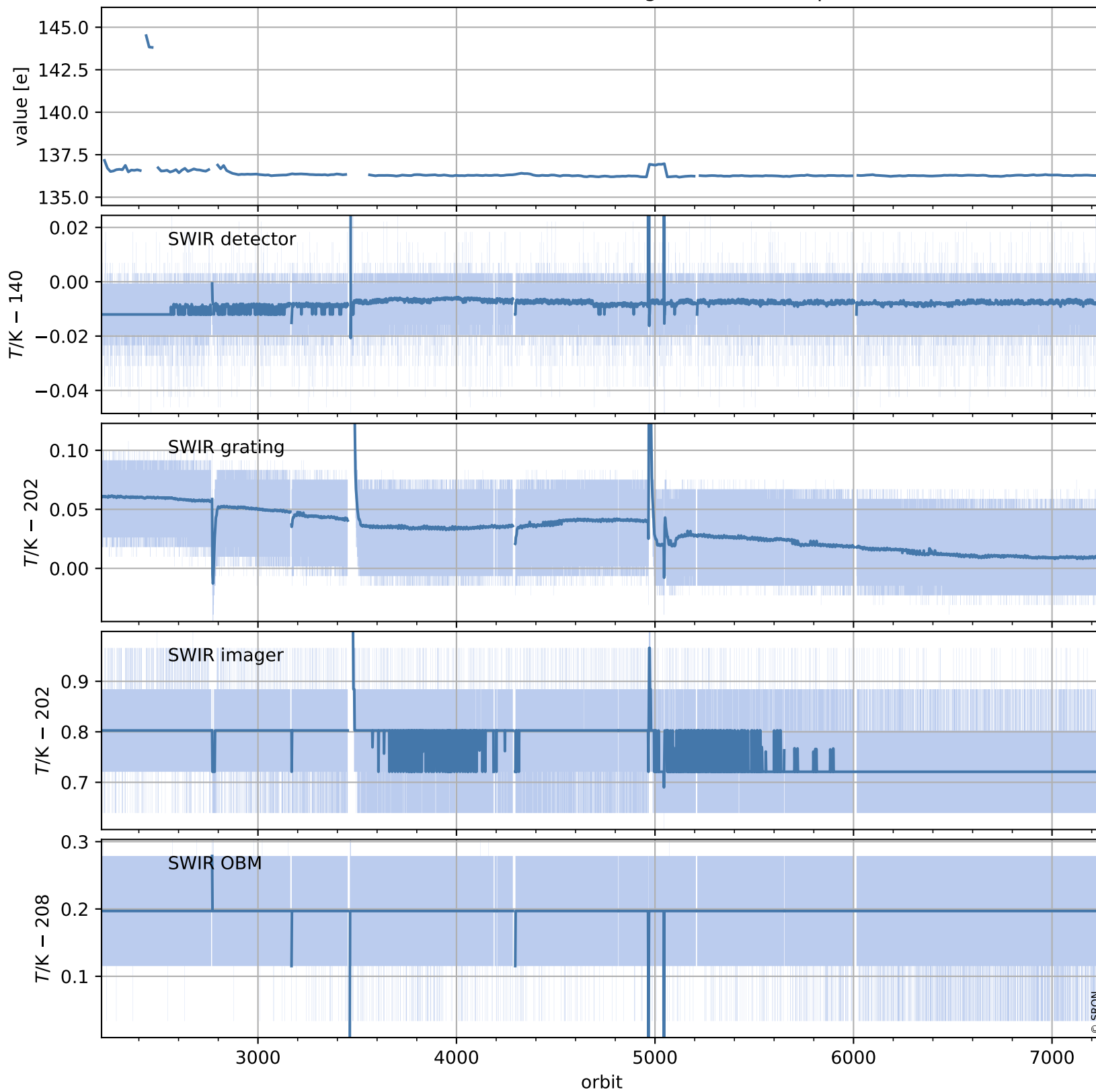
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7252]
coverage : 2018-03-18 / 2019-03-08
created : 2023-08-21T14:47:41

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7252]
coverage : 2018-03-18 / 2019-03-08
created : 2023-08-21T14:47:42

trend of normalized read-noise & temperatures

