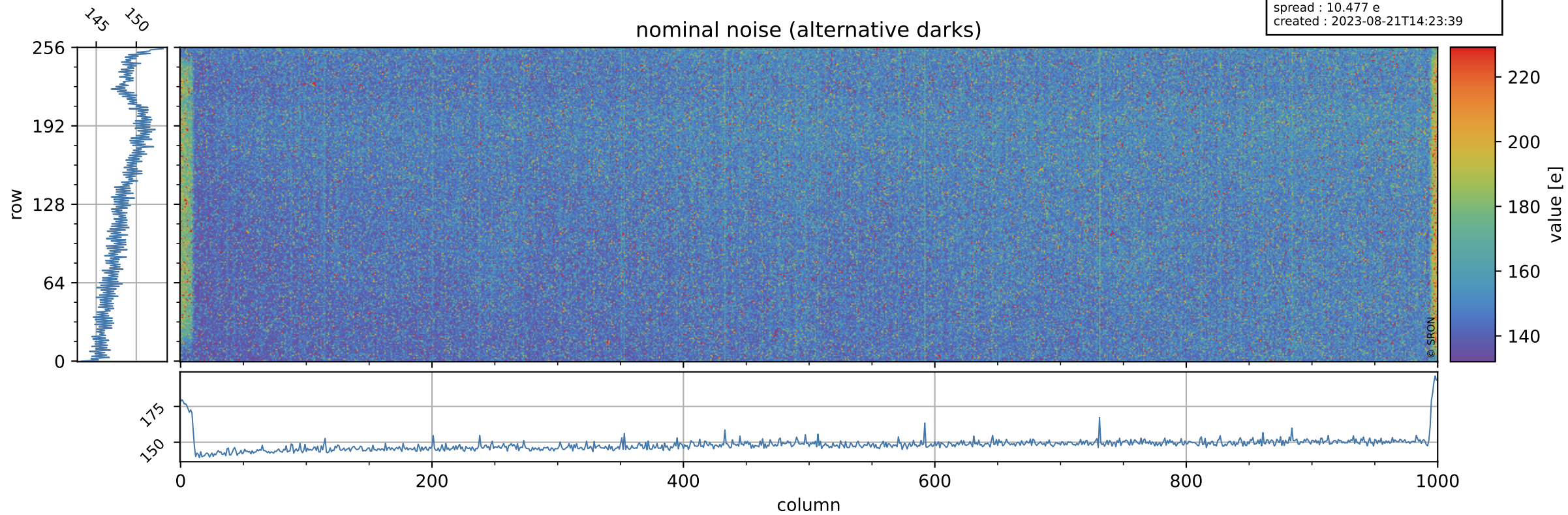


Tropomi SWIR background noise (swir)

orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.477 e
created : 2023-08-21T14:23:39

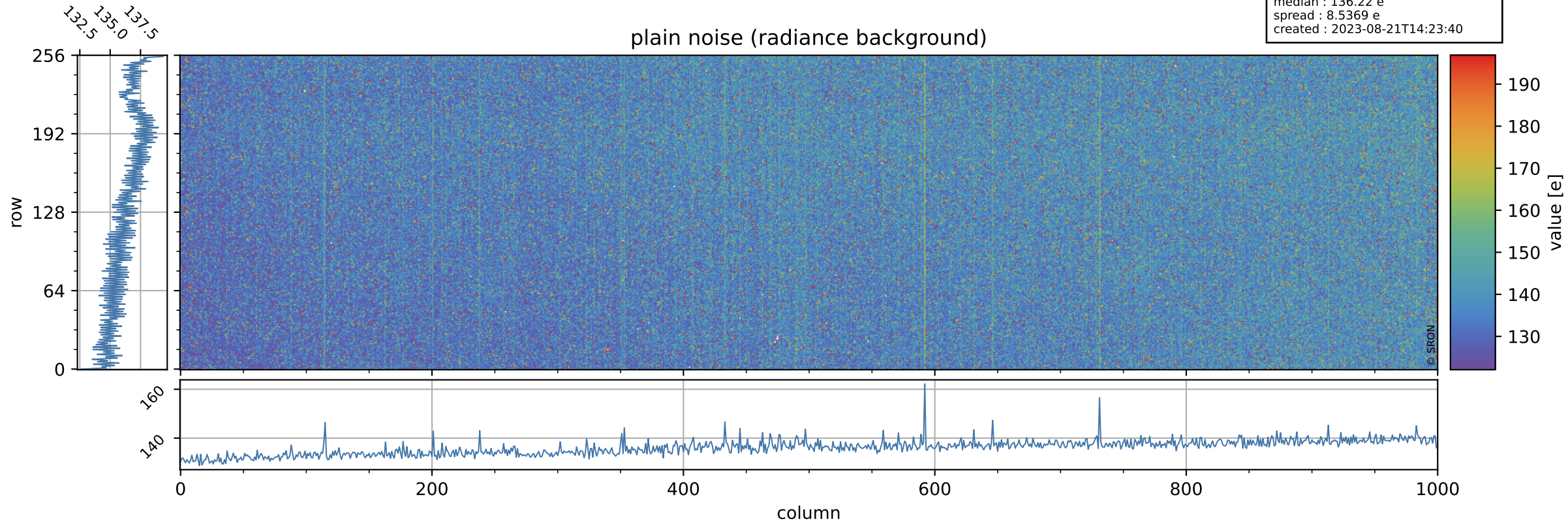
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5369 e
created : 2023-08-21T14:23:40

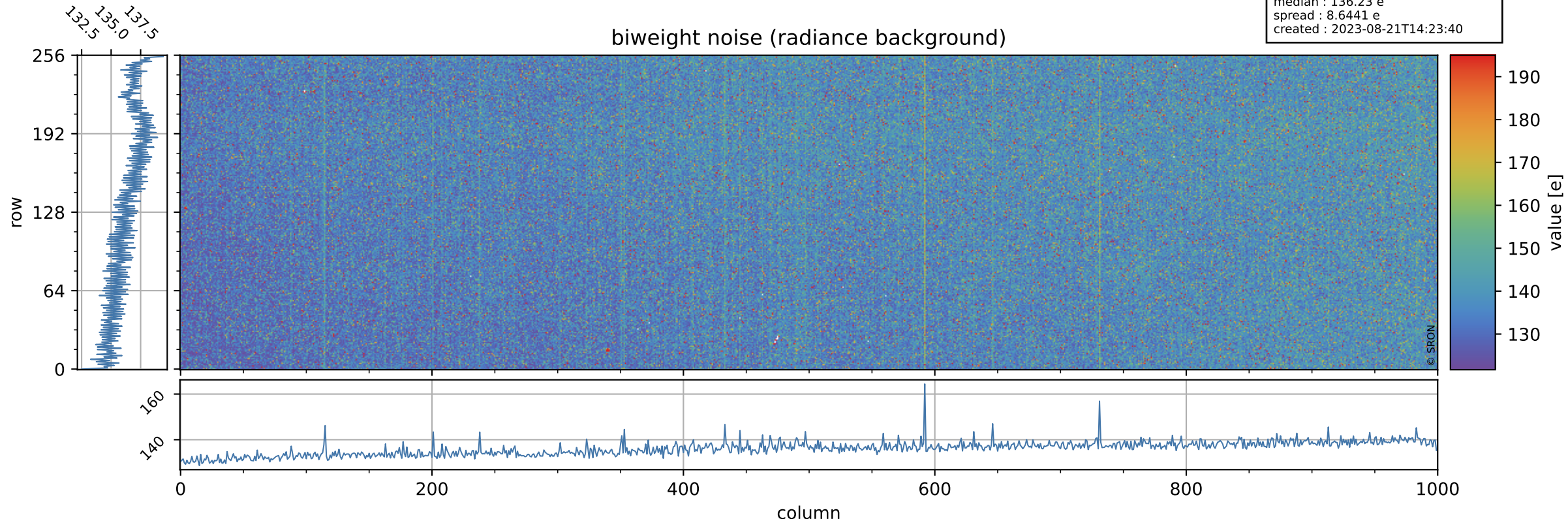
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.6441 e
created : 2023-08-21T14:23:40

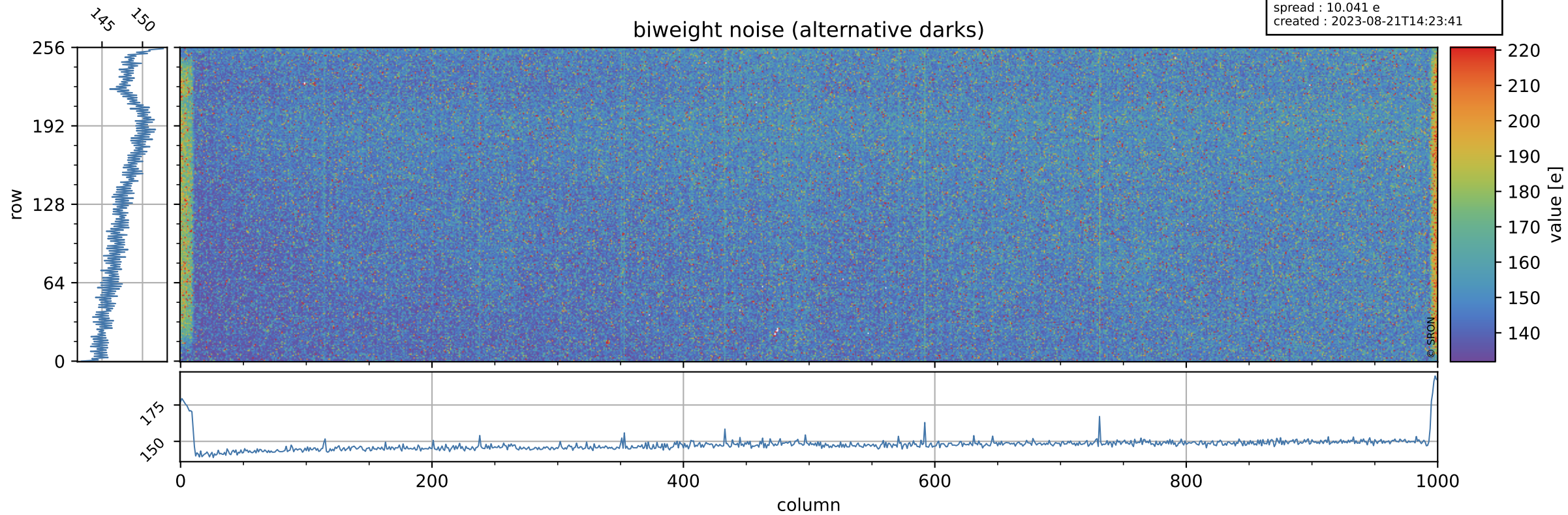
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 10.041 e
created : 2023-08-21T14:23:41

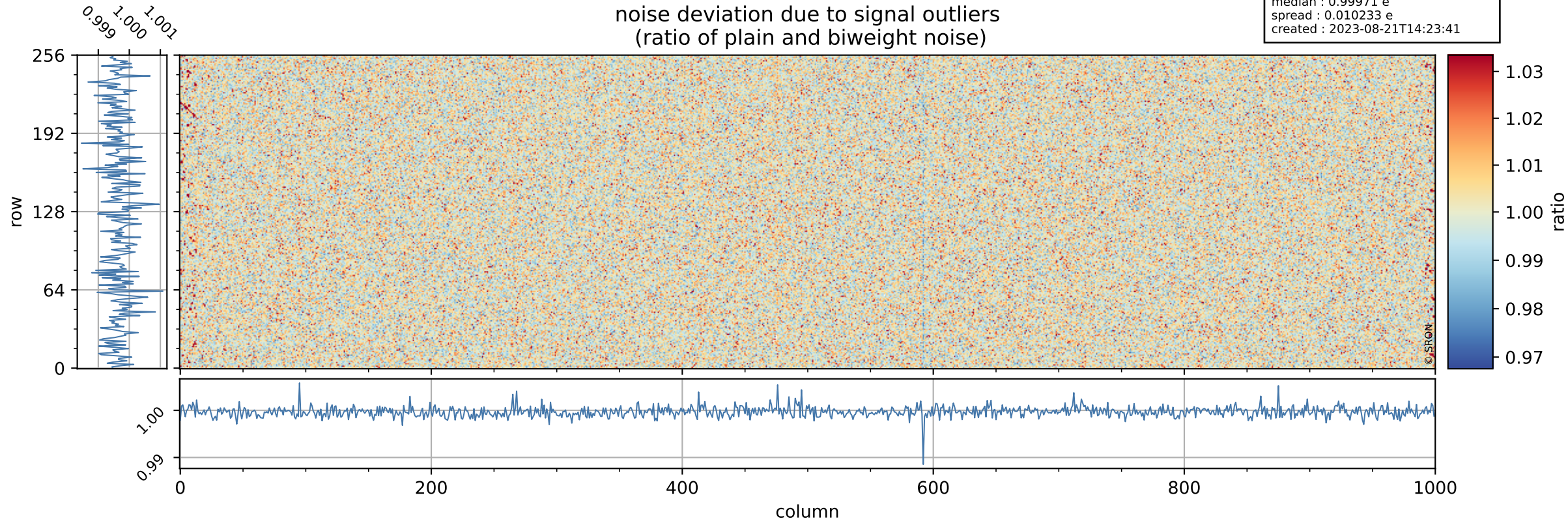
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

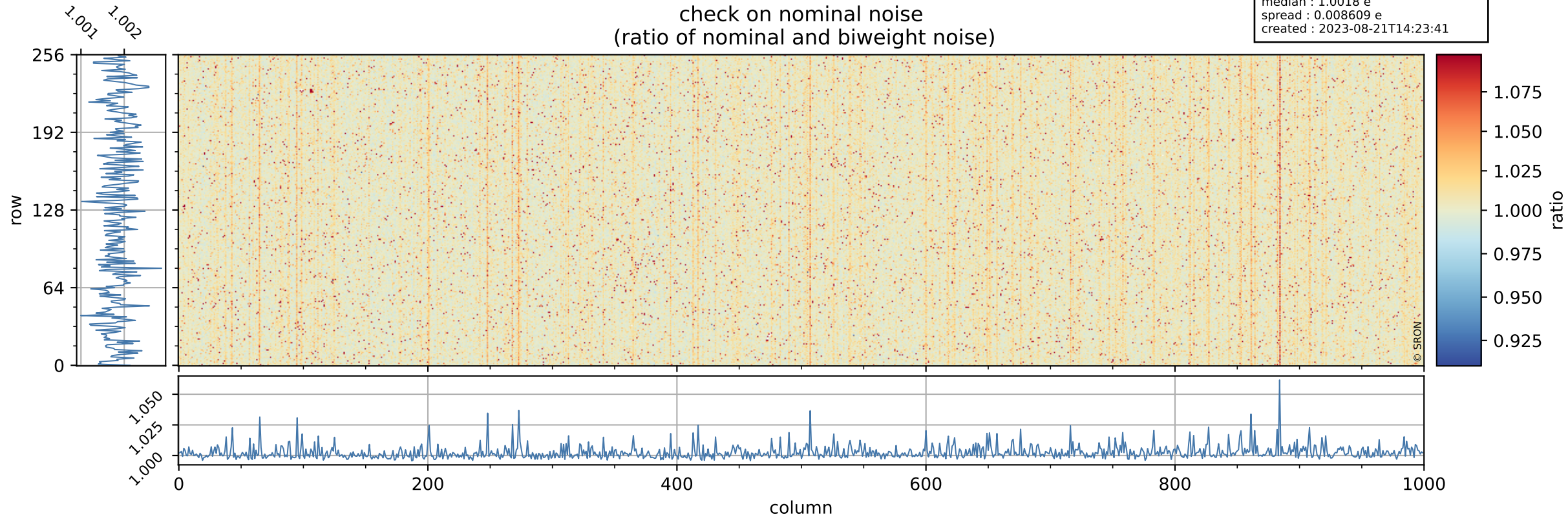
orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
median : 0.99971 e
spread : 0.010233 e
created : 2023-08-21T14:23:41



Tropomi SWIR background noise (swir)

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

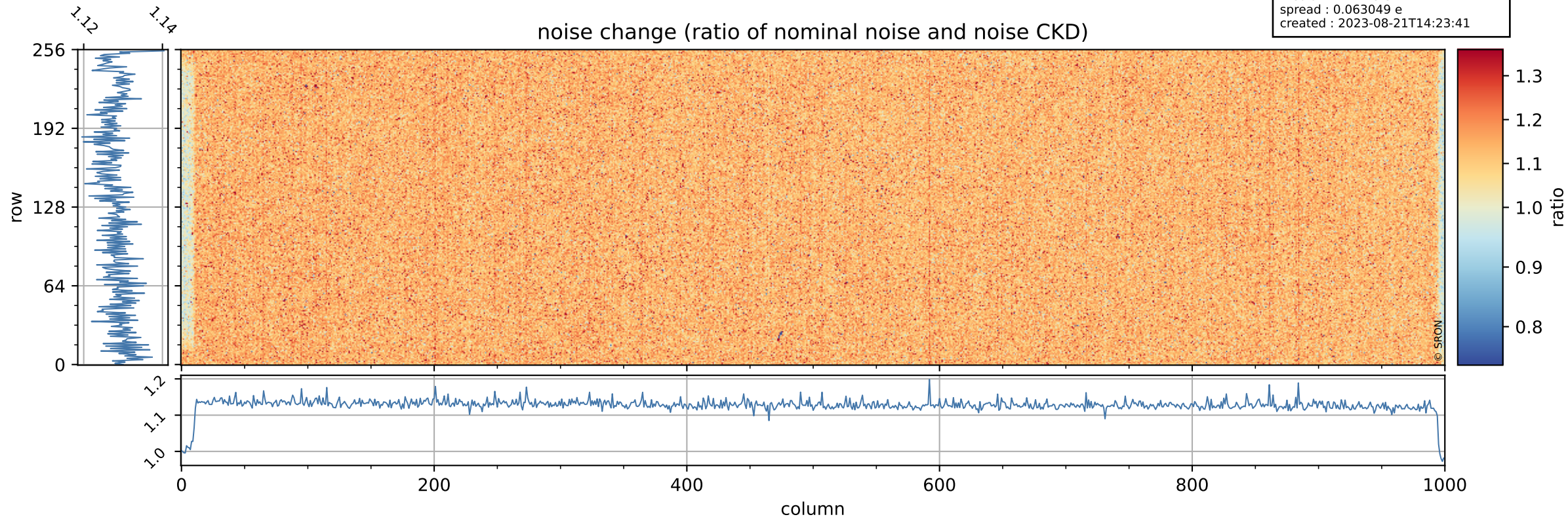
orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
median : 1.0018 e
spread : 0.008609 e
created : 2023-08-21T14:23:41



Tropomi SWIR background noise (swir)

orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
median : 1.1278 e
spread : 0.063049 e
created : 2023-08-21T14:23:41

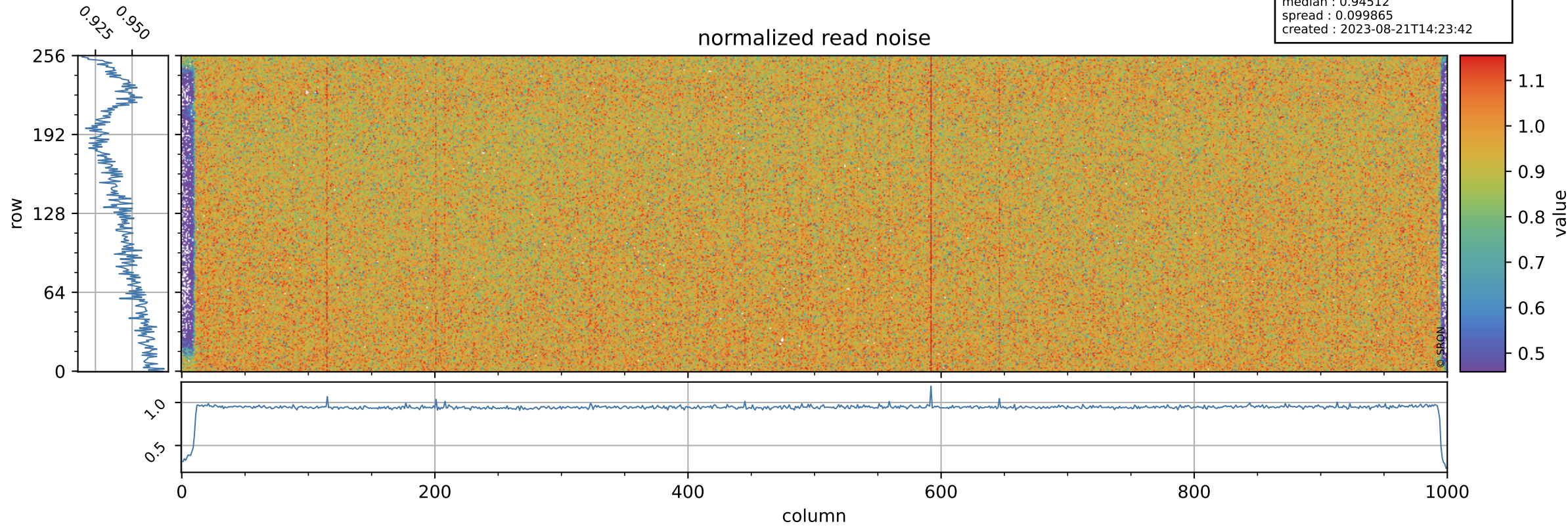
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

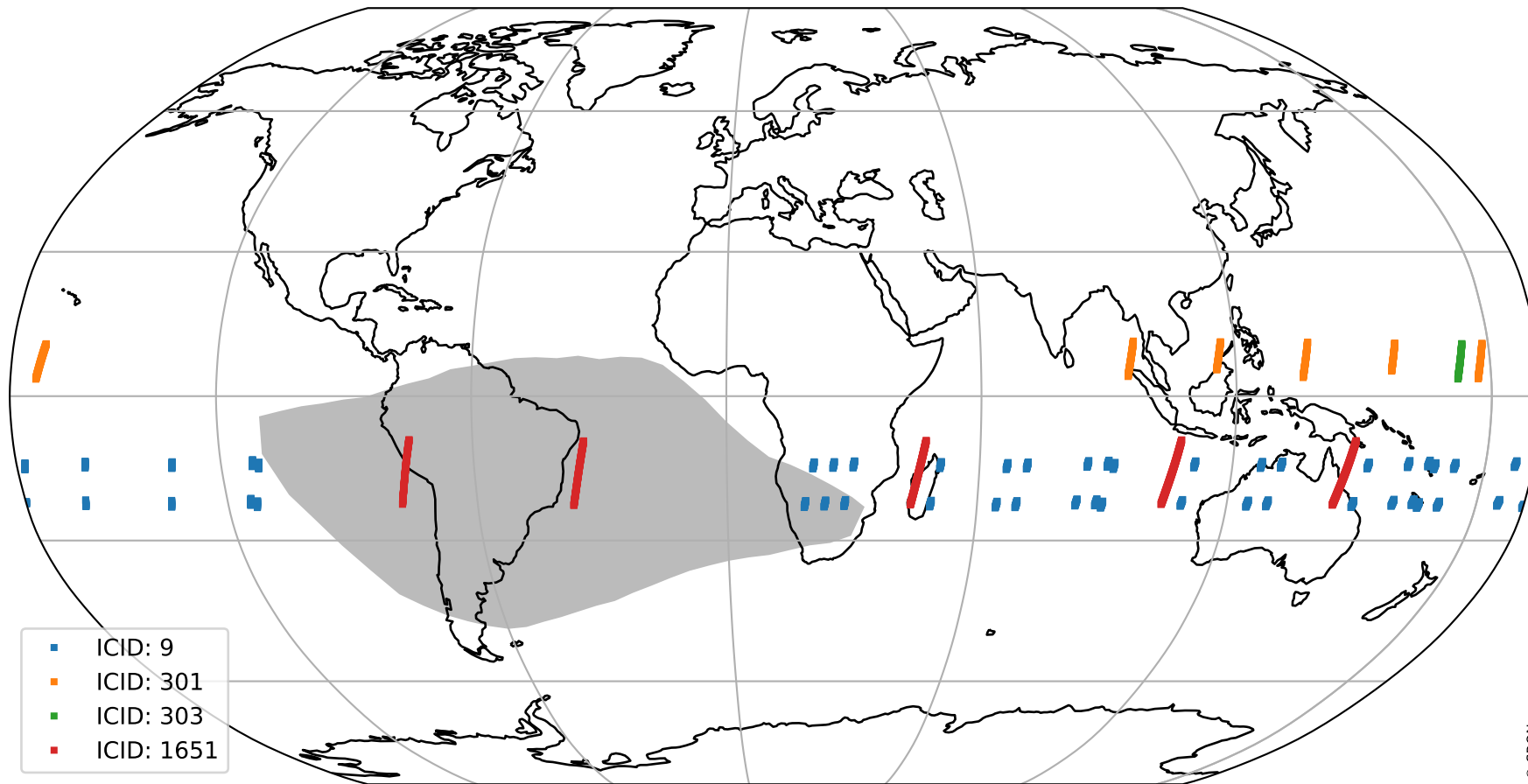
orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
median : 0.94512
spread : 0.099865
created : 2023-08-21T14:23:42

normalized read noise



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

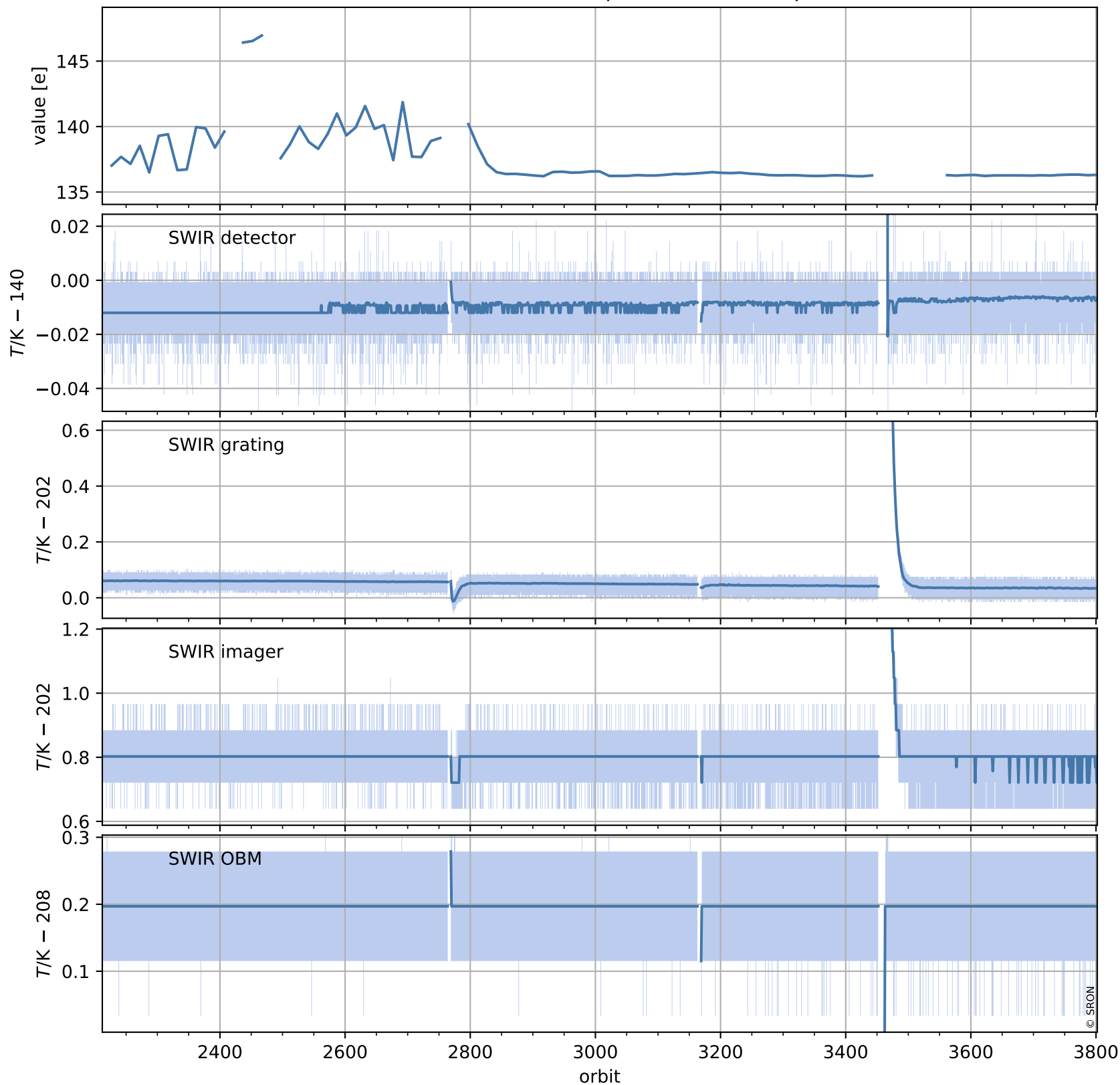
orbits : 12 in [3727, 3802]
coverage : 2018-07-02 / 2018-07-07
created : 2023-08-21T14:23:42



Tropomi SWIR background noise (swir)

orbits : [2212, 3802]
coverage : 2018-03-18 / 2018-07-07
created : 2023-08-21T14:23:42

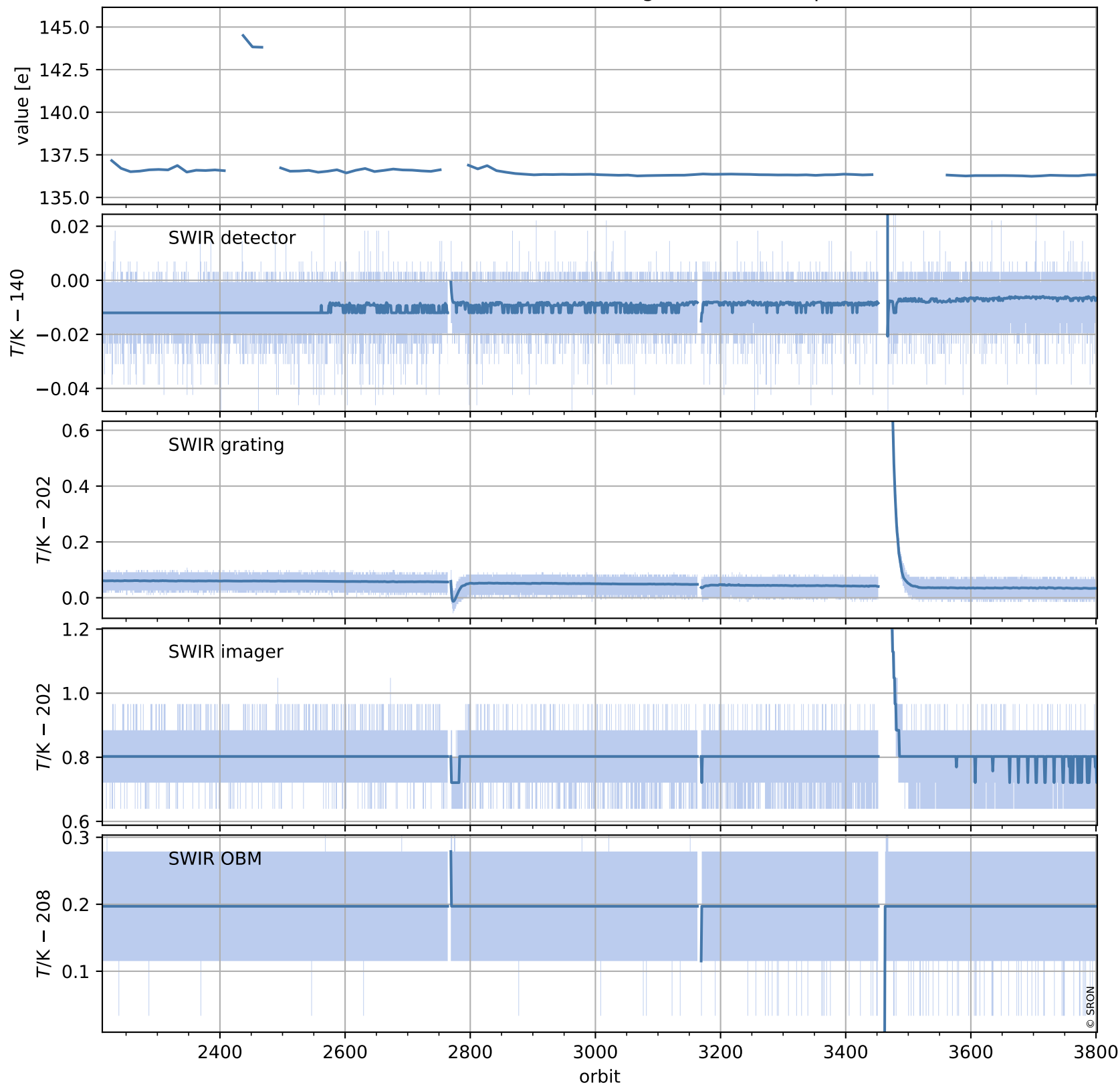
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3802]
coverage : 2018-03-18 / 2018-07-07
created : 2023-08-21T14:23:43

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3802]
coverage : 2018-03-18 / 2018-07-07
created : 2023-08-21T14:23:43

trend of normalized read-noise & temperatures

