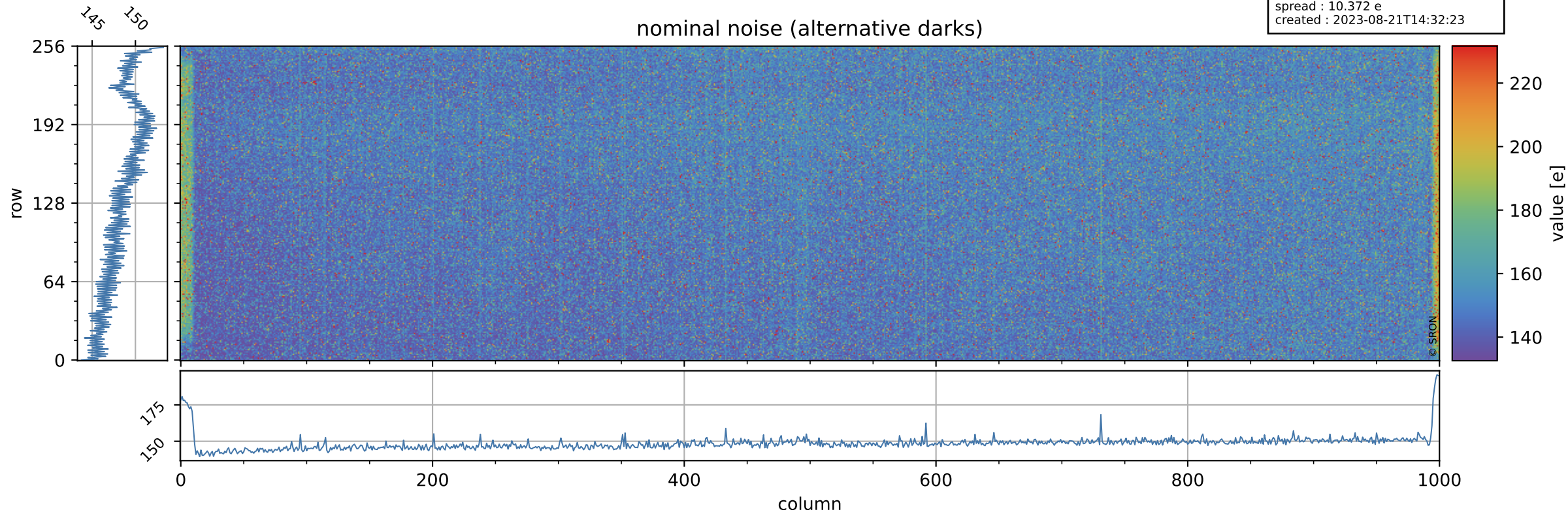


Tropomi SWIR background noise (swir)

orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.372 e
created : 2023-08-21T14:32:23

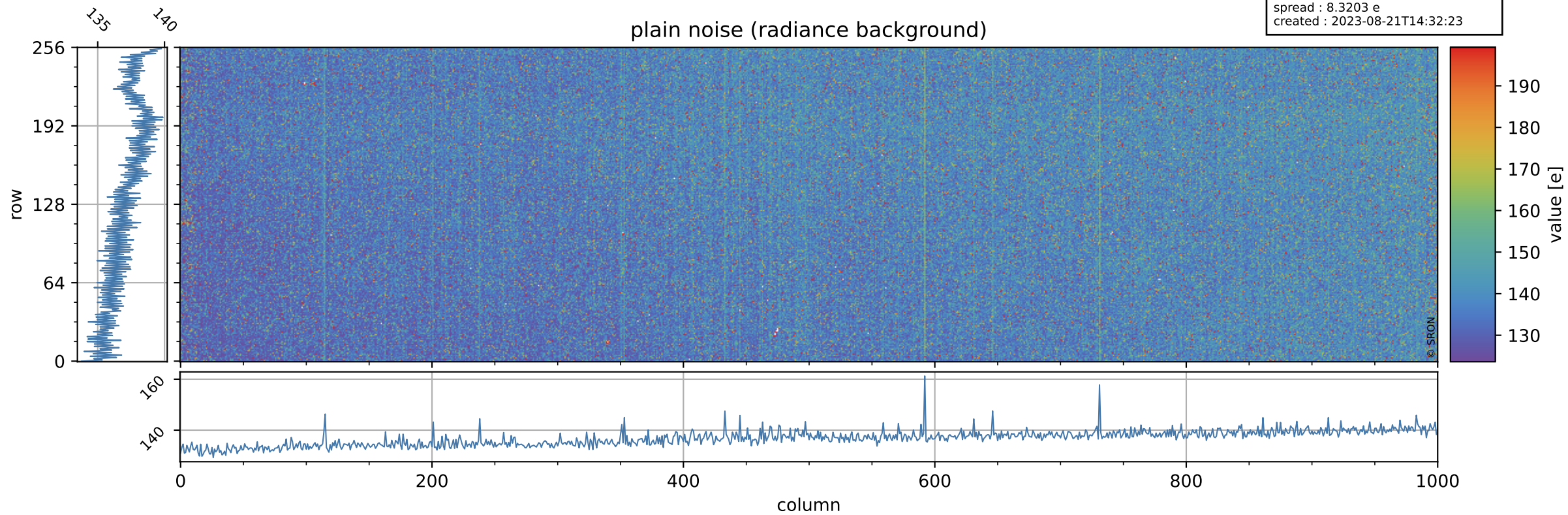
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
n_coad, t_exp : 2, 0.5383
median : 136.99 e
spread : 8.3203 e
created : 2023-08-21T14:32:23

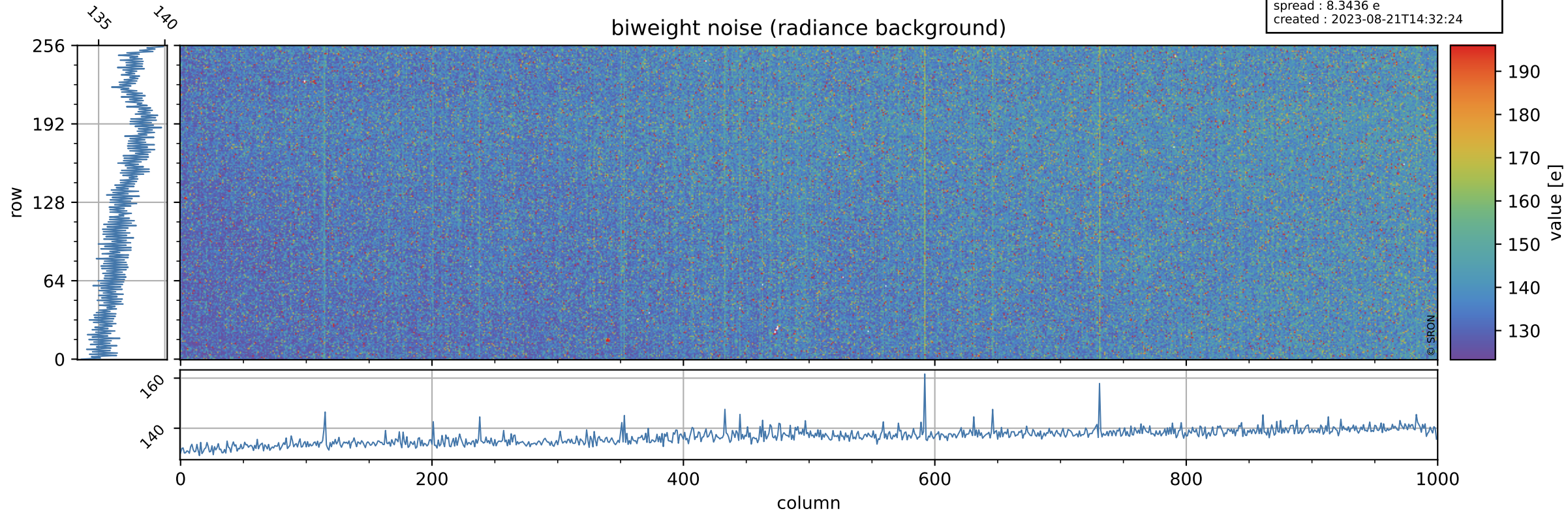
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
n_coad, t_exp : 2, 0.5383
median : 136.85 e
spread : 8.3436 e
created : 2023-08-21T14:32:24

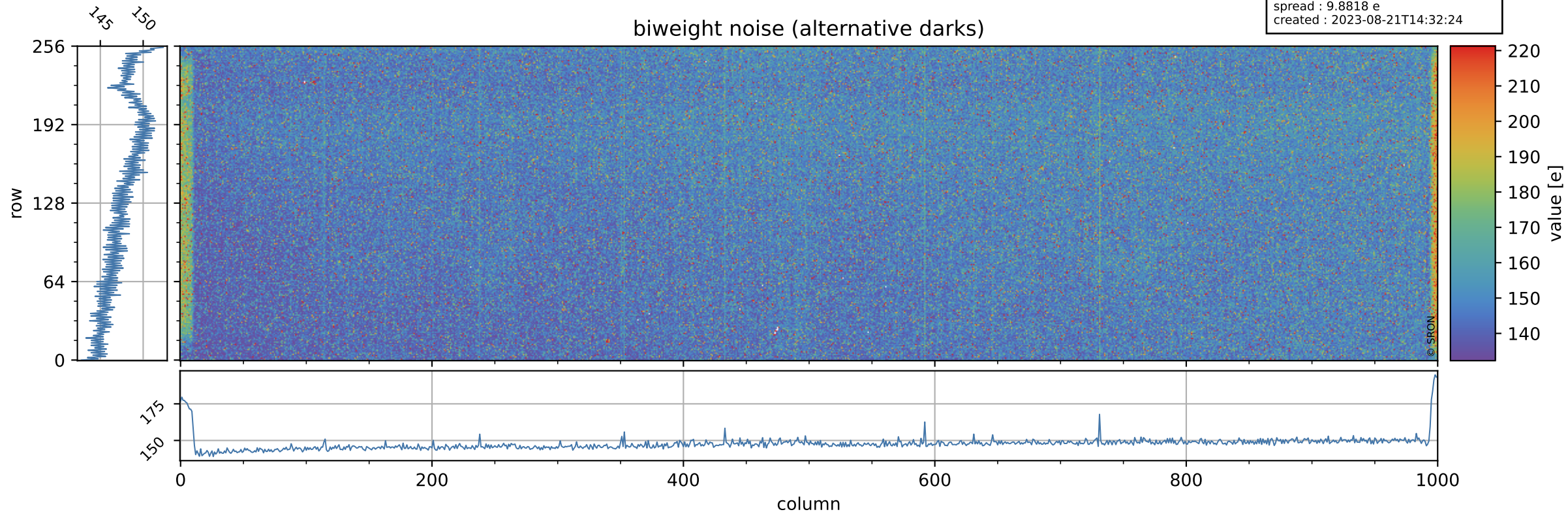
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8818 e
created : 2023-08-21T14:32:24

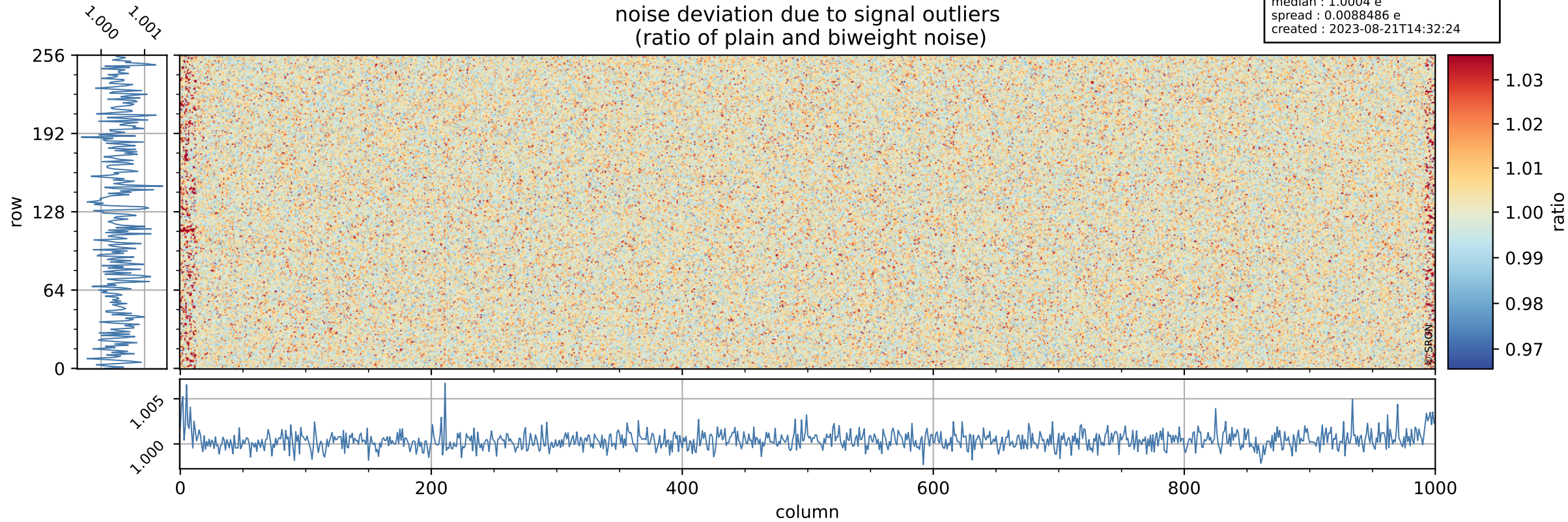
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

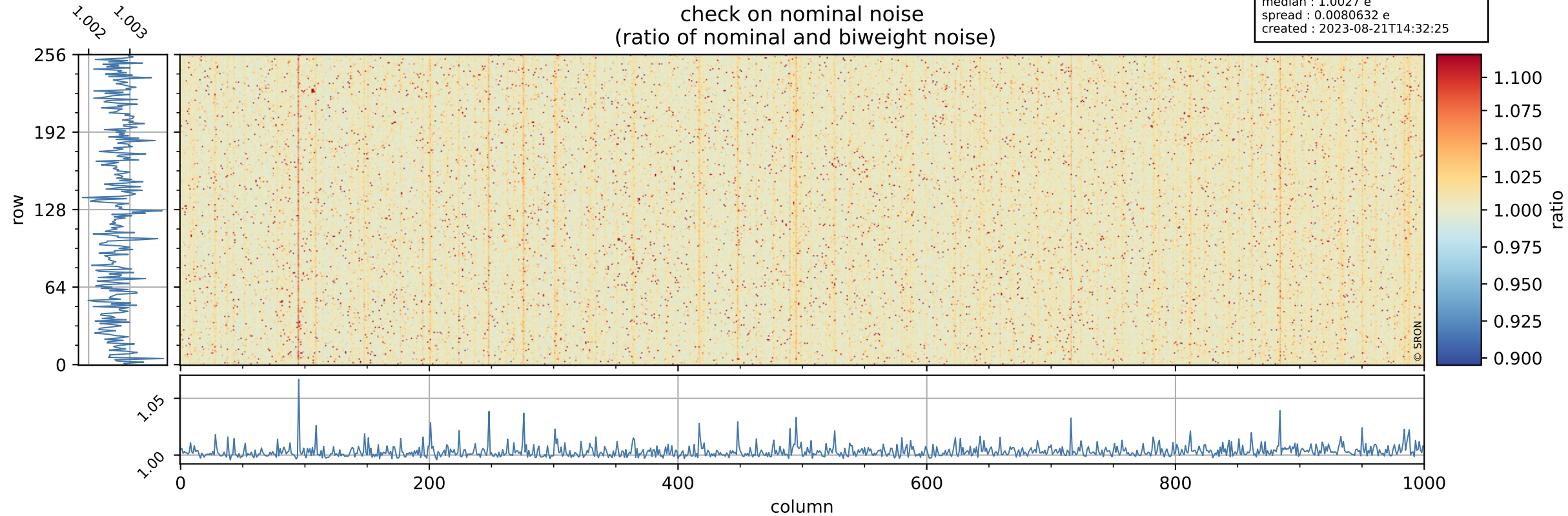
orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
median : 1.0004 e
spread : 0.0088486 e
created : 2023-08-21T14:32:24



Tropomi SWIR background noise (swir)

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

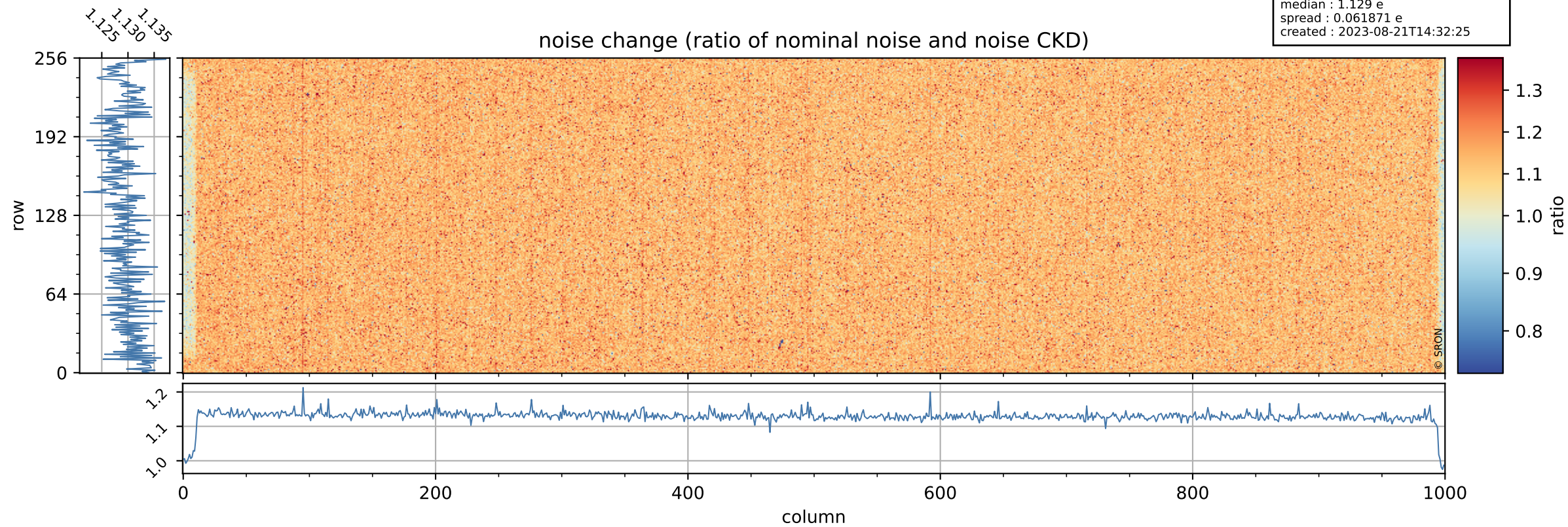
orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
median : 1.0027 e
spread : 0.0080632 e
created : 2023-08-21T14:32:25



Tropomi SWIR background noise (swir)

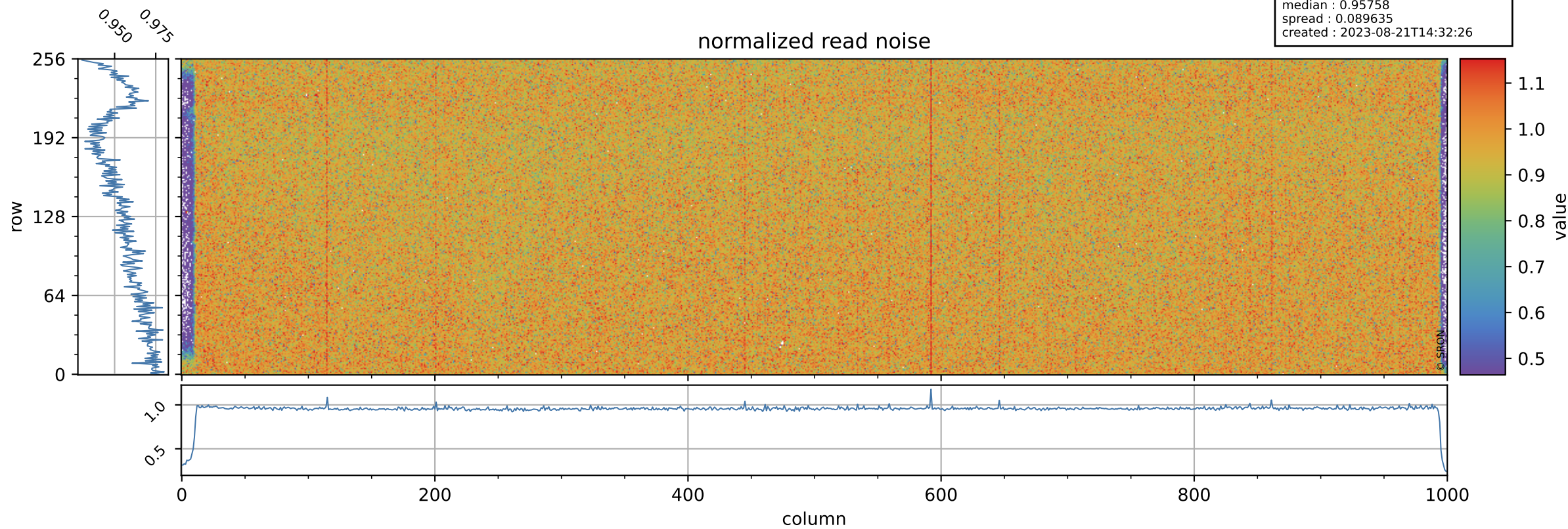
orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
median : 1.129 e
spread : 0.061871 e
created : 2023-08-21T14:32:25

noise change (ratio of nominal noise and noise CKD)



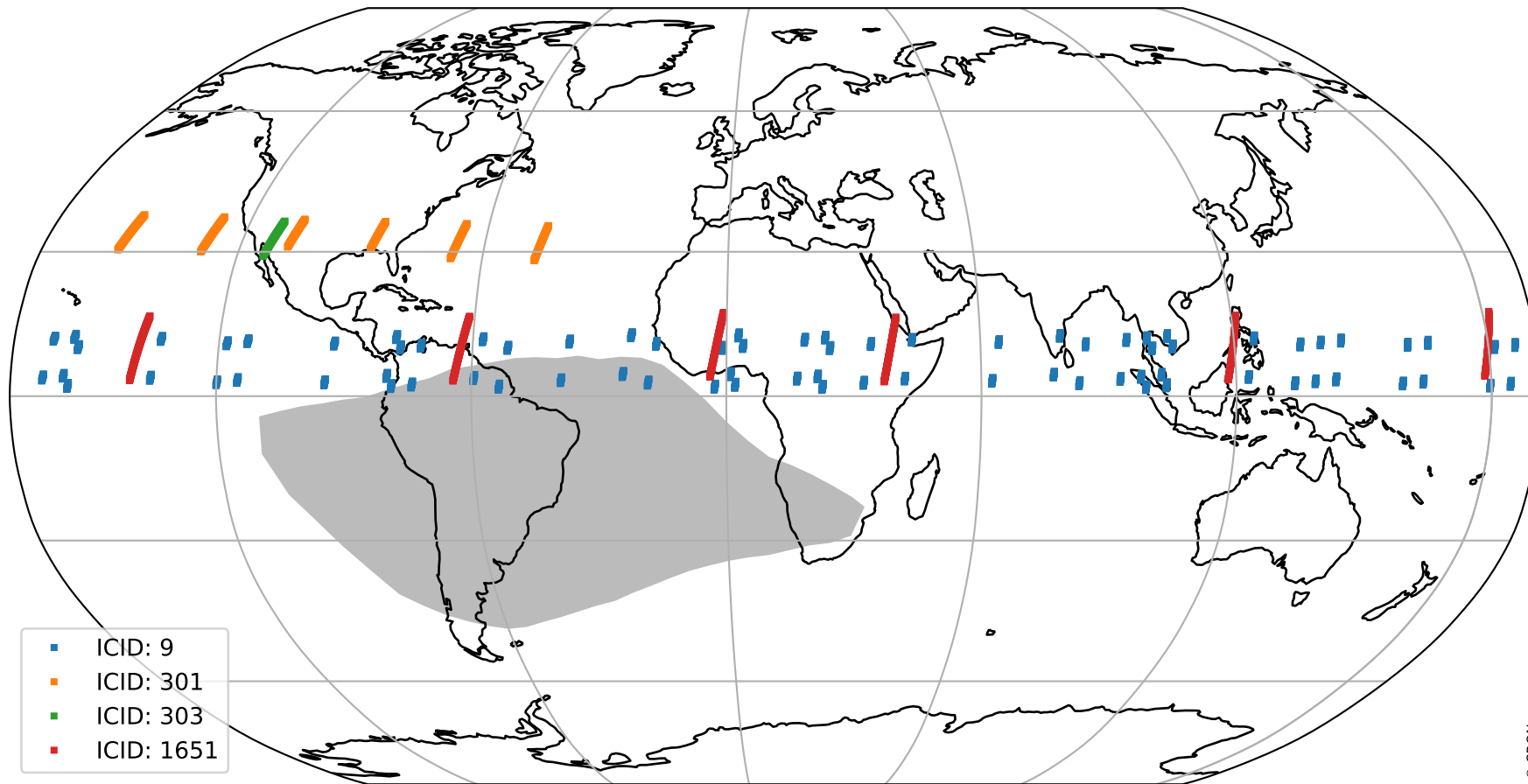
Tropomi SWIR background noise (swir)

orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
median : 0.95758
spread : 0.089635
created : 2023-08-21T14:32:26



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

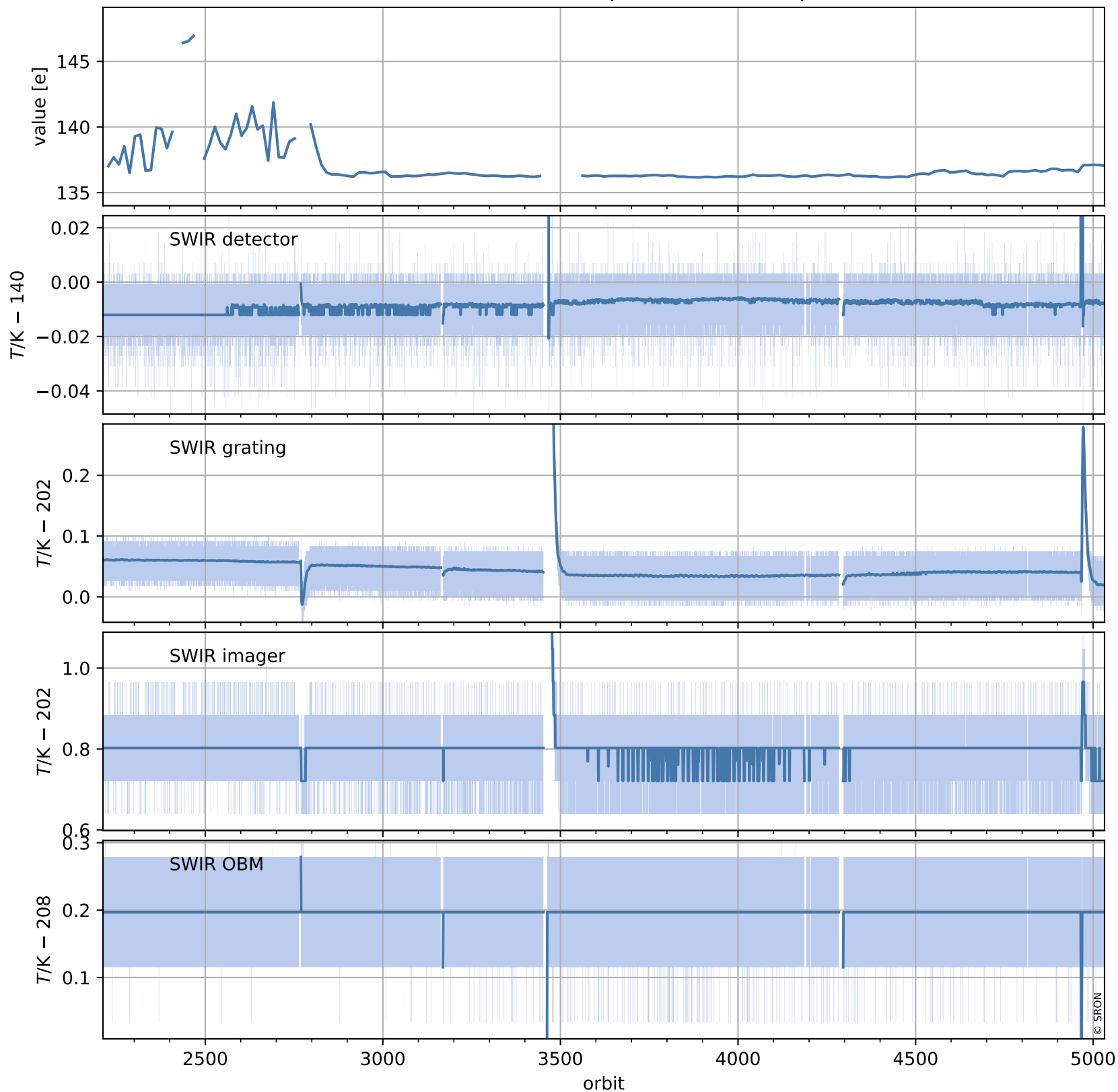
orbits : 13 in [4942, 5032]
coverage : 2018-09-27 / 2018-10-02
created : 2023-08-21T14:32:26



Tropomi SWIR background noise (swir)

orbits : [2212, 5032]
coverage : 2018-03-18 / 2018-10-02
created : 2023-08-21T14:32:27

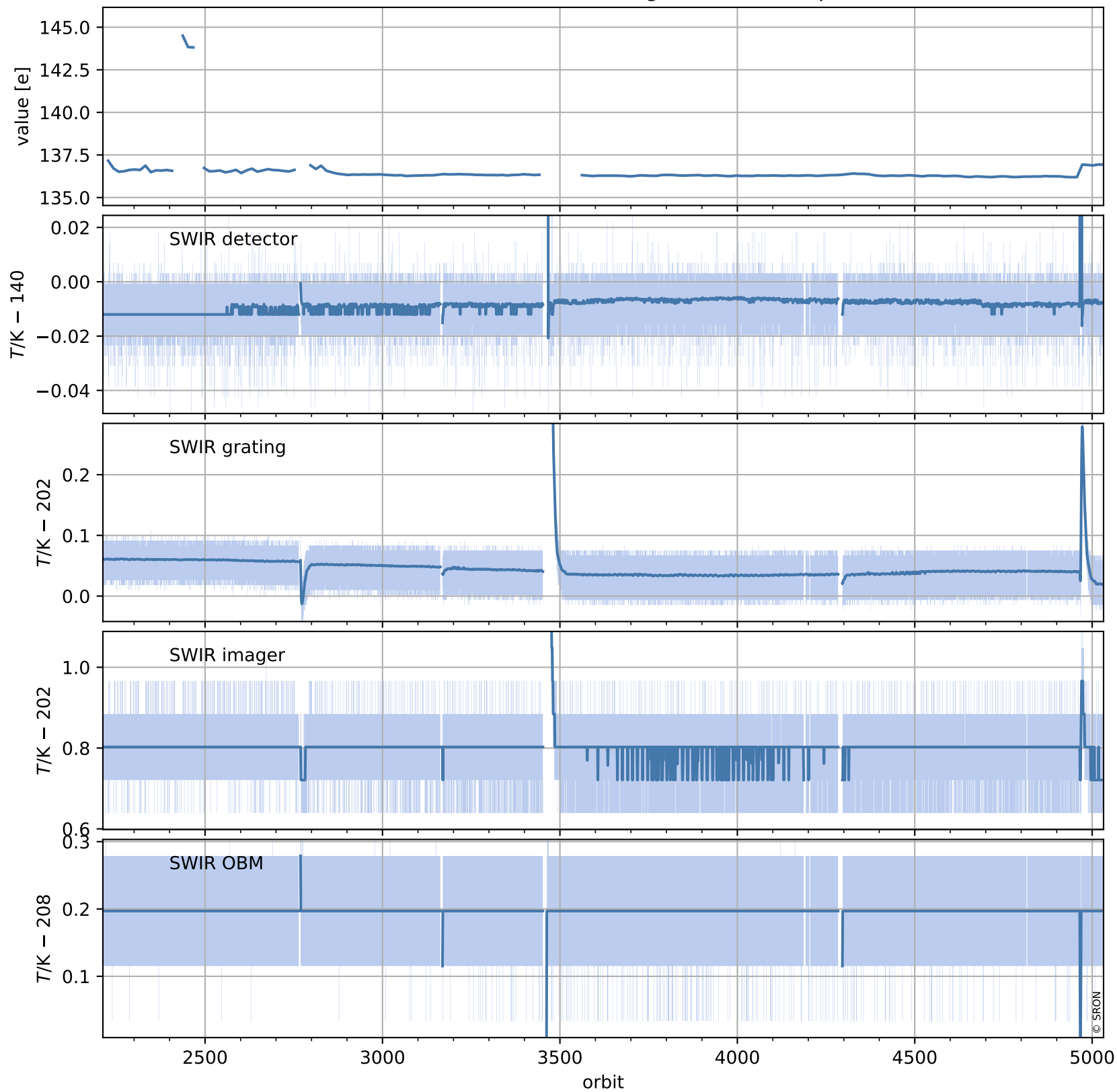
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5032]
coverage : 2018-03-18 / 2018-10-02
created : 2023-08-21T14:32:27

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5032]
coverage : 2018-03-18 / 2018-10-02
created : 2023-08-21T14:32:28

trend of normalized read-noise & temperatures

