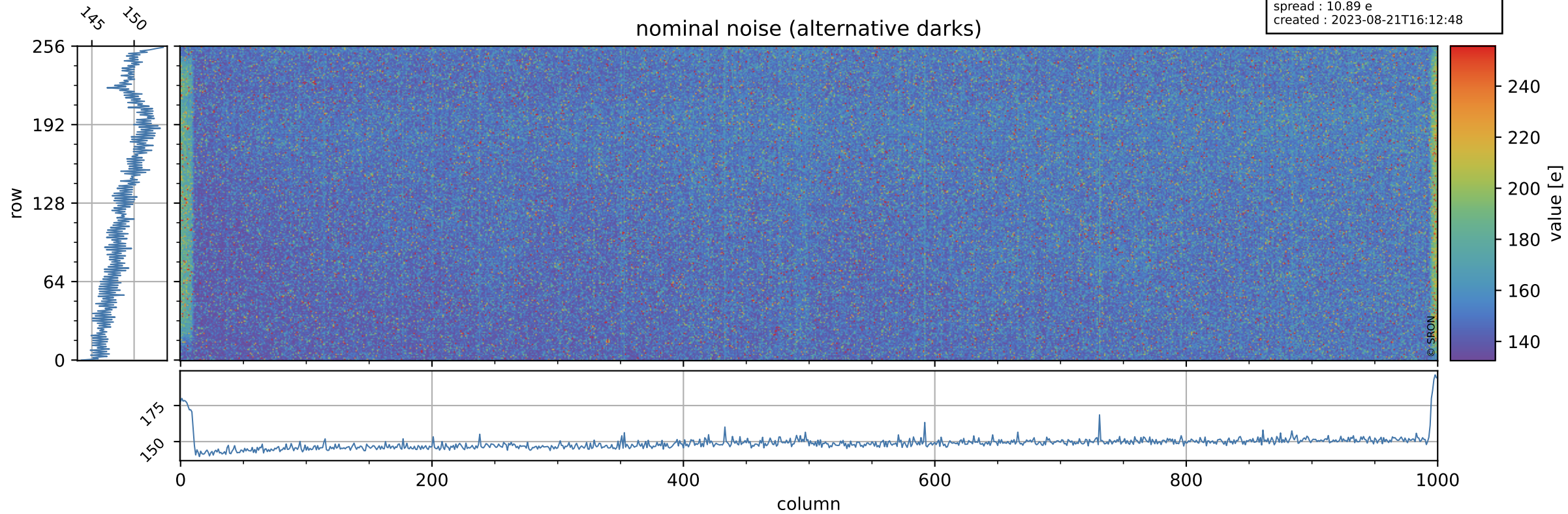


Tropomi SWIR background noise (swir)

orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
n_coad, t_exp : 1, 1.0783
median : 148.74 e
spread : 10.89 e
created : 2023-08-21T16:12:48

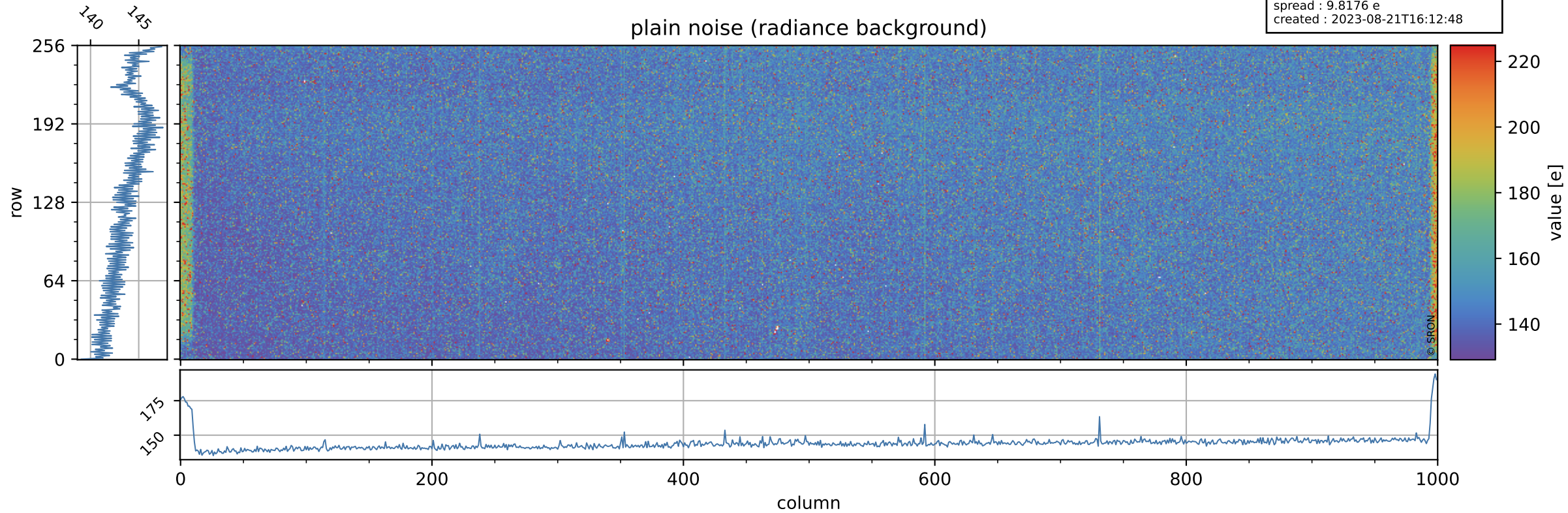
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
n_coad, t_exp : 1, 0.8383
median : 143.65 e
spread : 9.8176 e
created : 2023-08-21T16:12:48

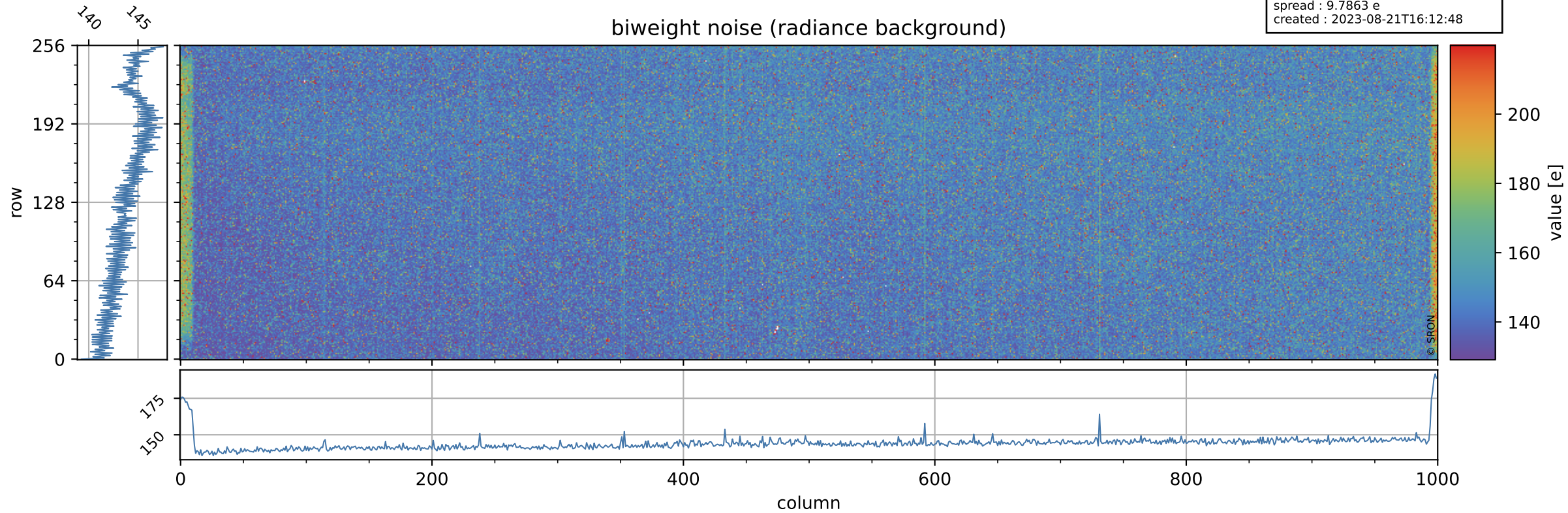
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
n_coad, t_exp : 1, 0.8383
median : 143.78 e
spread : 9.7863 e
created : 2023-08-21T16:12:48

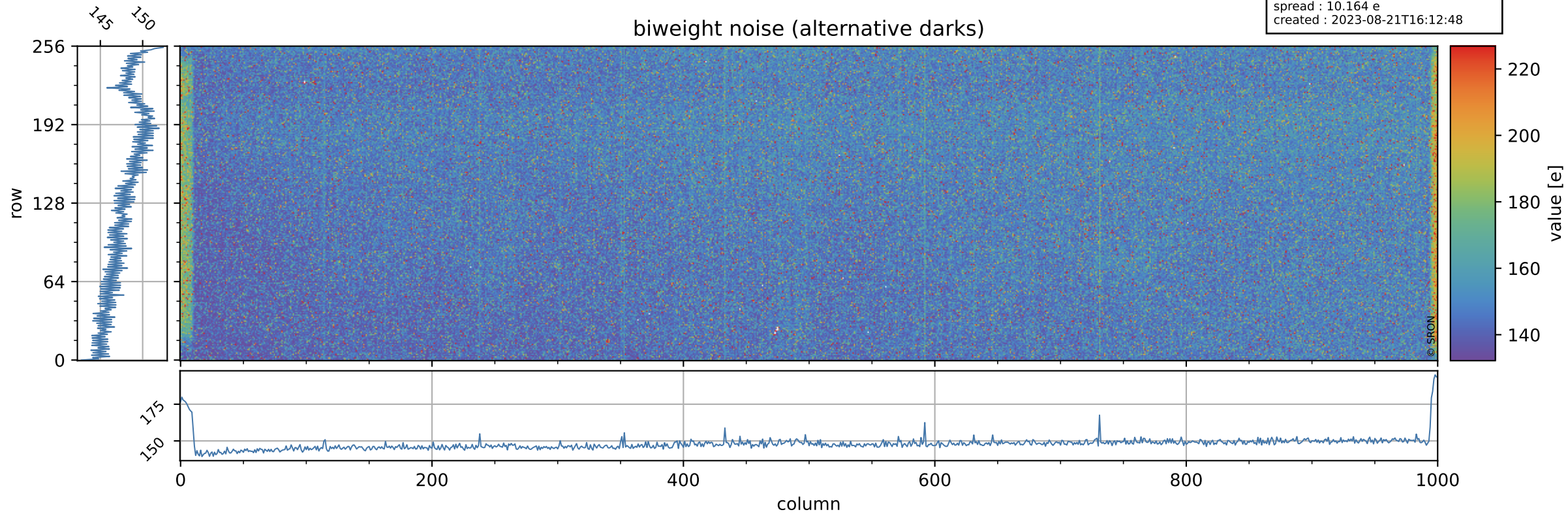
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.164 e
created : 2023-08-21T16:12:48

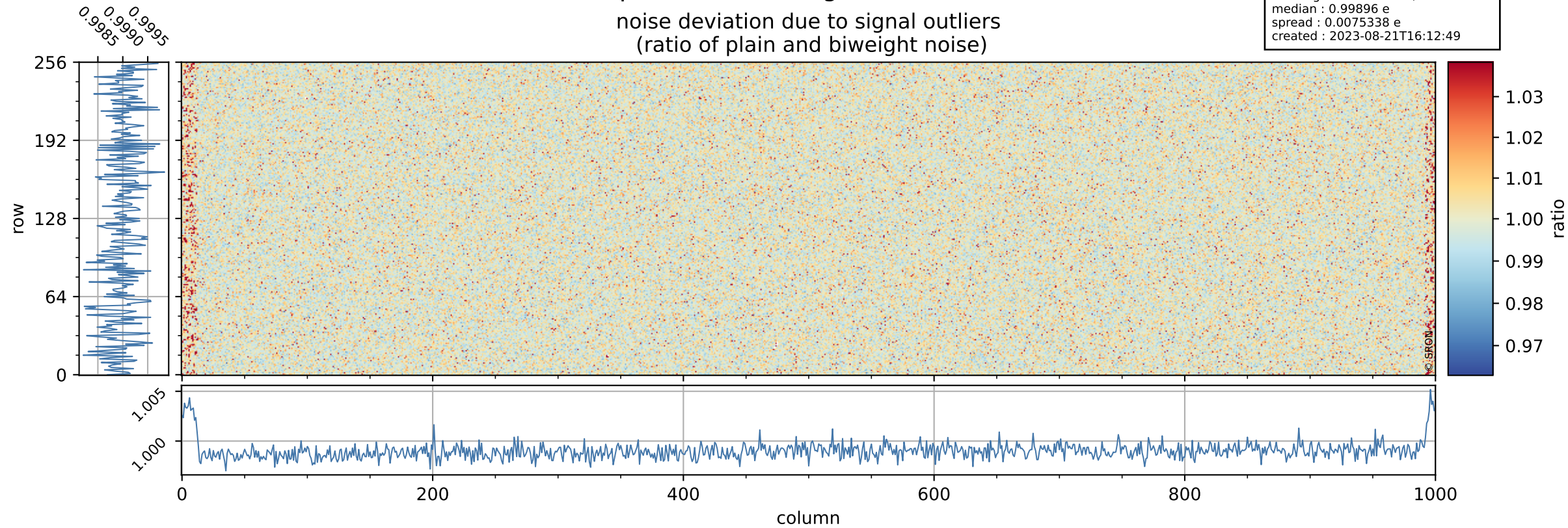
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

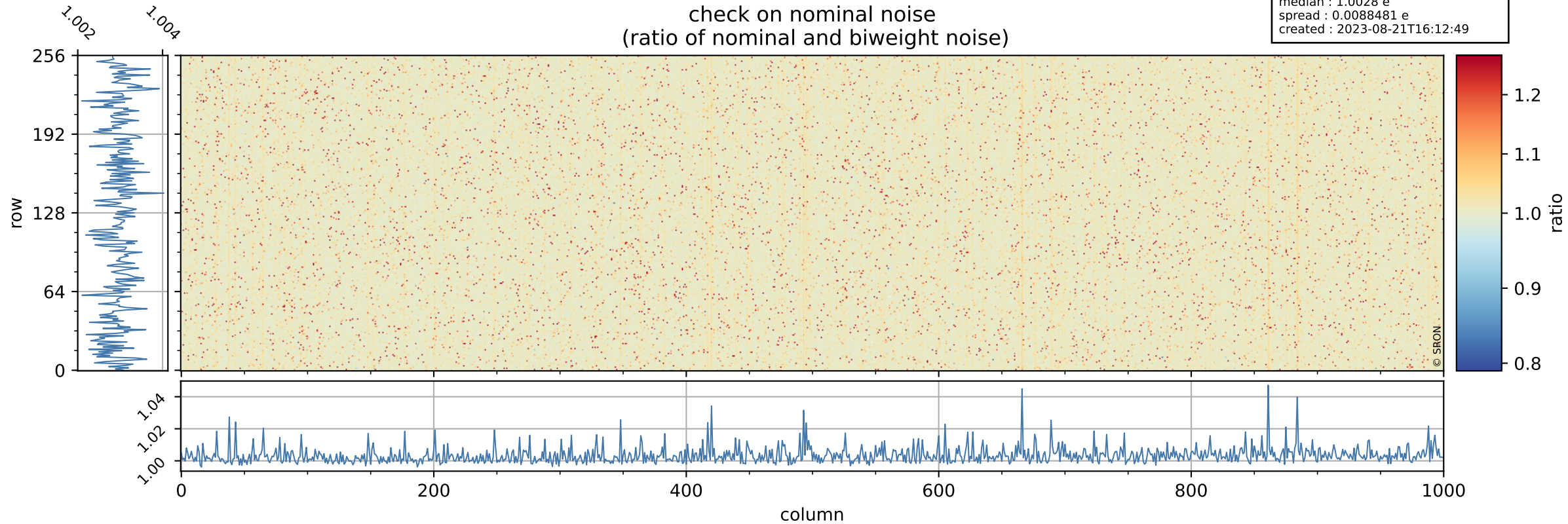
orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
median : 0.99896 e
spread : 0.0075338 e
created : 2023-08-21T16:12:49



Tropomi SWIR background noise (swir)

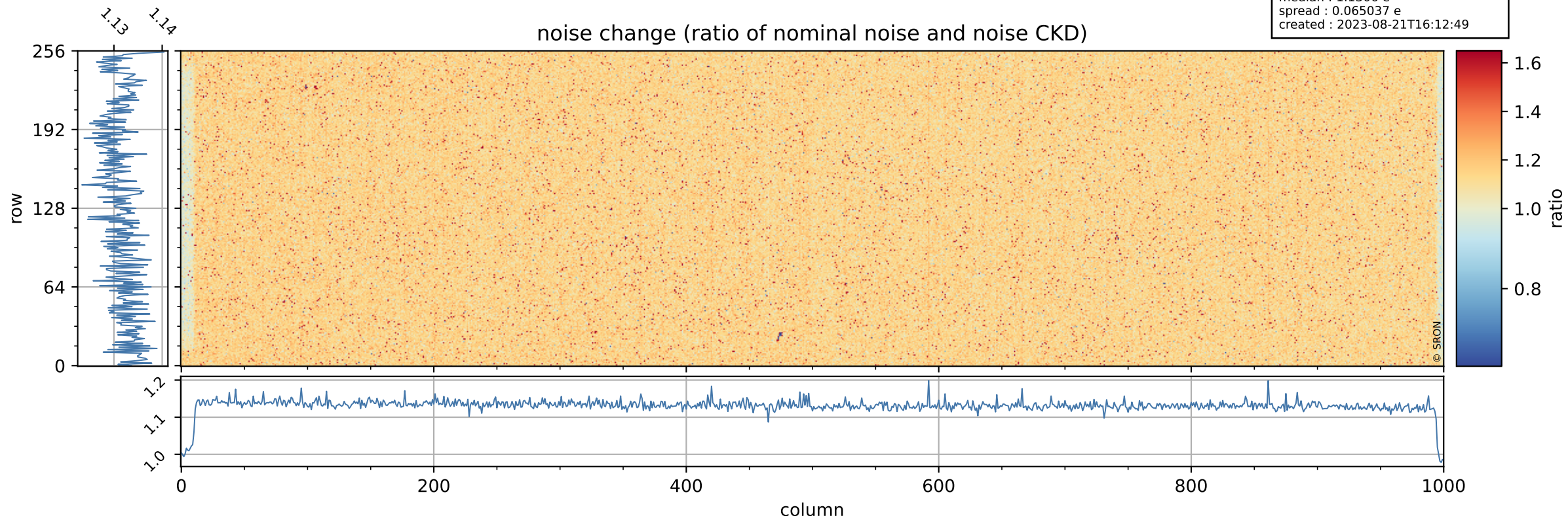
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
median : 1.0028 e
spread : 0.0088481 e
created : 2023-08-21T16:12:49



Tropomi SWIR background noise (swir)

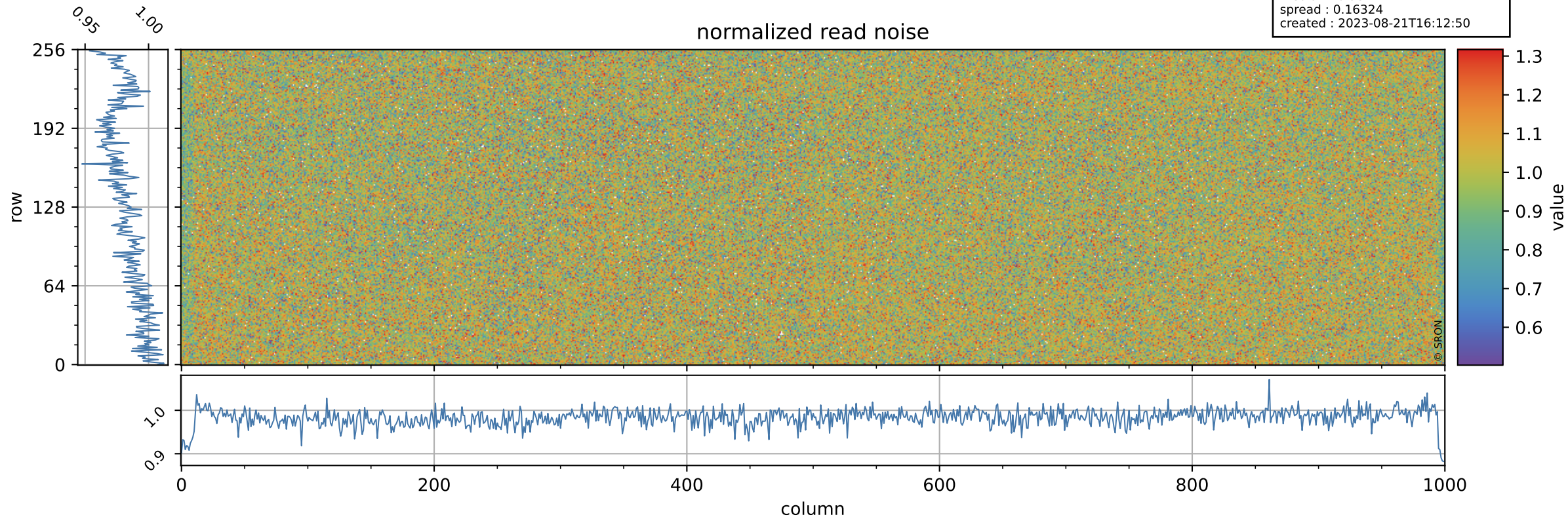
orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
median : 1.1306 e
spread : 0.065037 e
created : 2023-08-21T16:12:49



Tropomi SWIR background noise (swir)

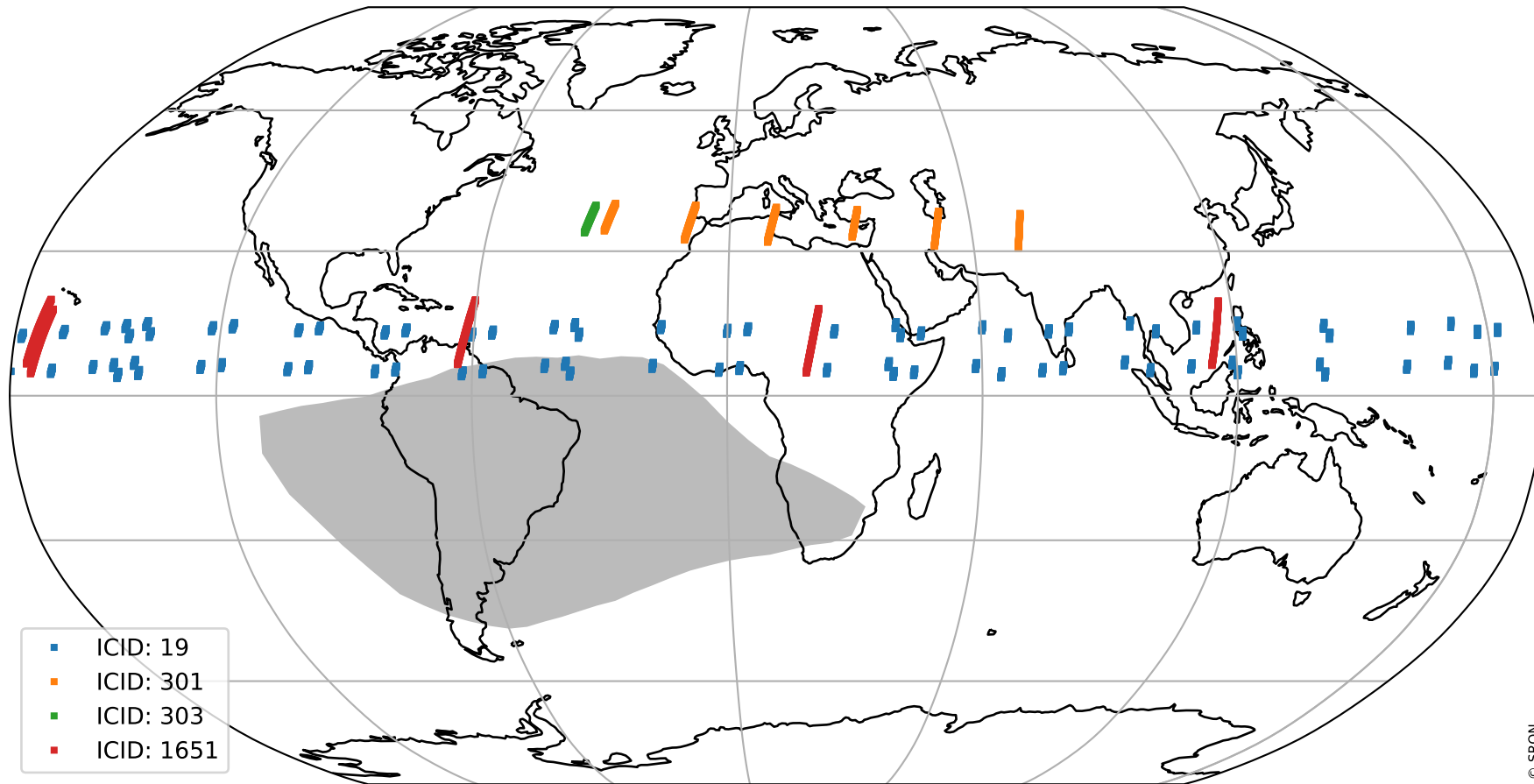
orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
median : 0.98222
spread : 0.16324
created : 2023-08-21T16:12:50

normalized read noise



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

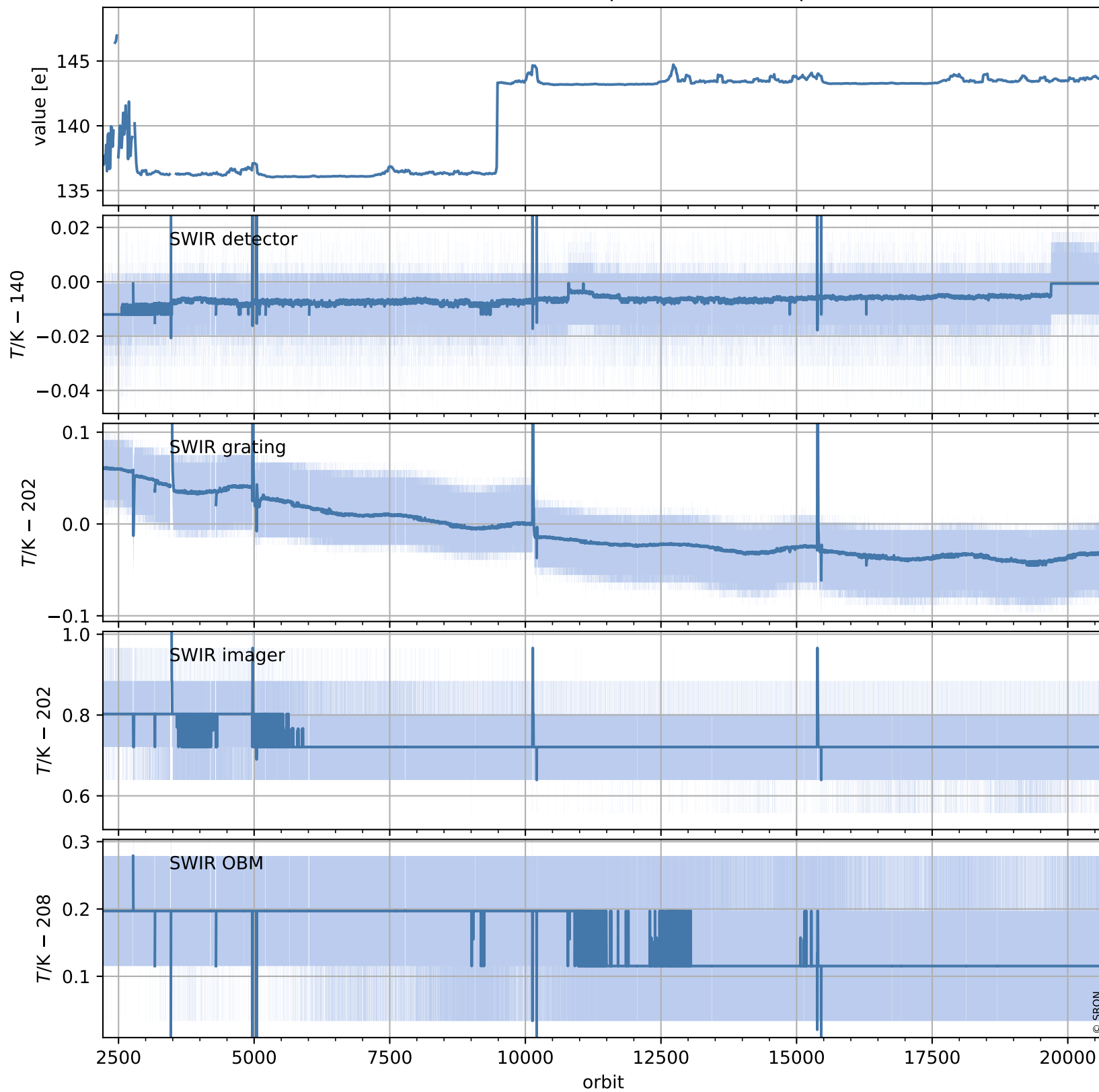
orbits : 12 in [20572, 20662]
coverage : 2021-10-02 / 2021-10-08
created : 2023-08-21T16:12:50



Tropomi SWIR background noise (swir)

orbits : [2212, 20662]
coverage : 2018-03-18 / 2021-10-08
created : 2023-08-21T16:12:50

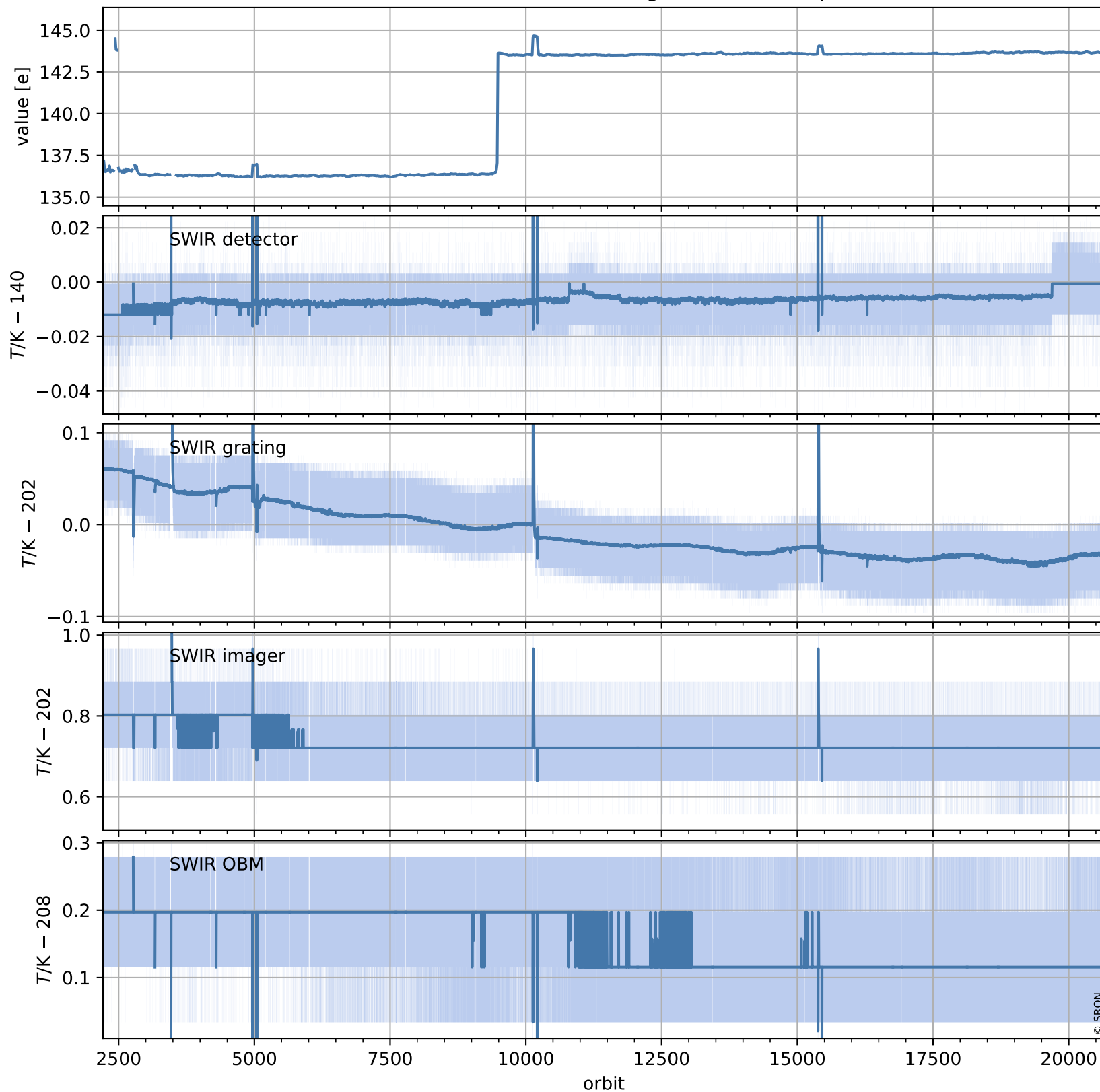
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20662]
coverage : 2018-03-18 / 2021-10-08
created : 2023-08-21T16:12:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 20662]
coverage : 2018-03-18 / 2021-10-08
created : 2023-08-21T16:12:52

trend of normalized read-noise & temperatures

