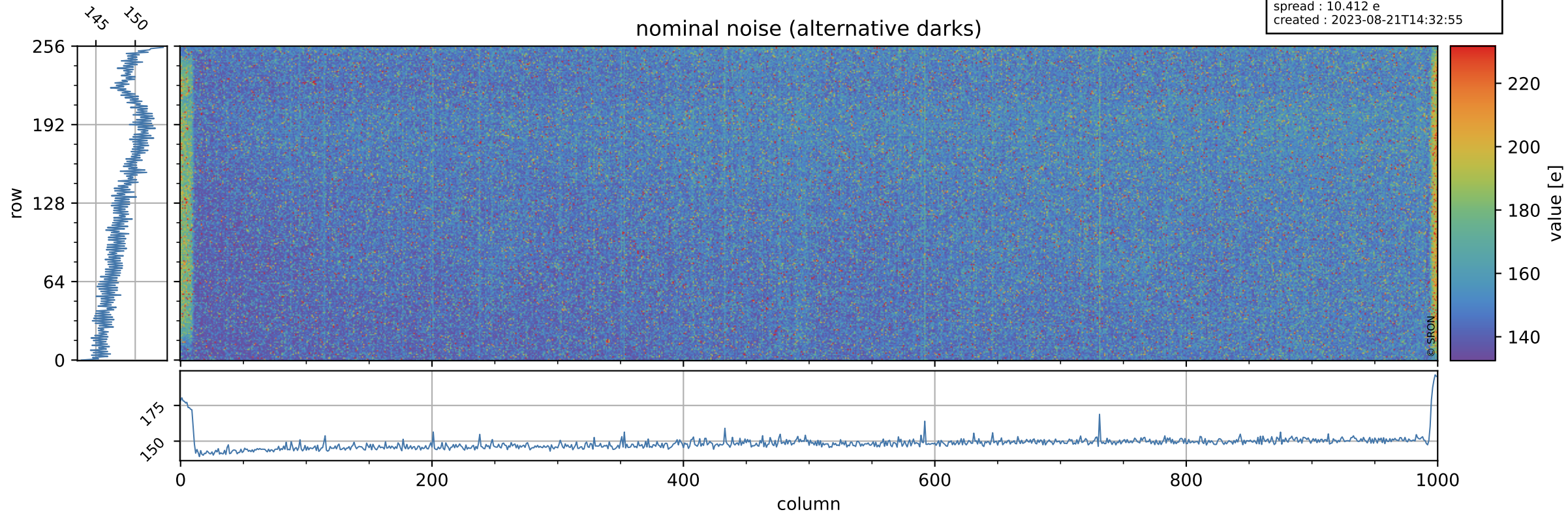


Tropomi SWIR background noise (swir)

orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.412 e
created : 2023-08-21T14:32:55

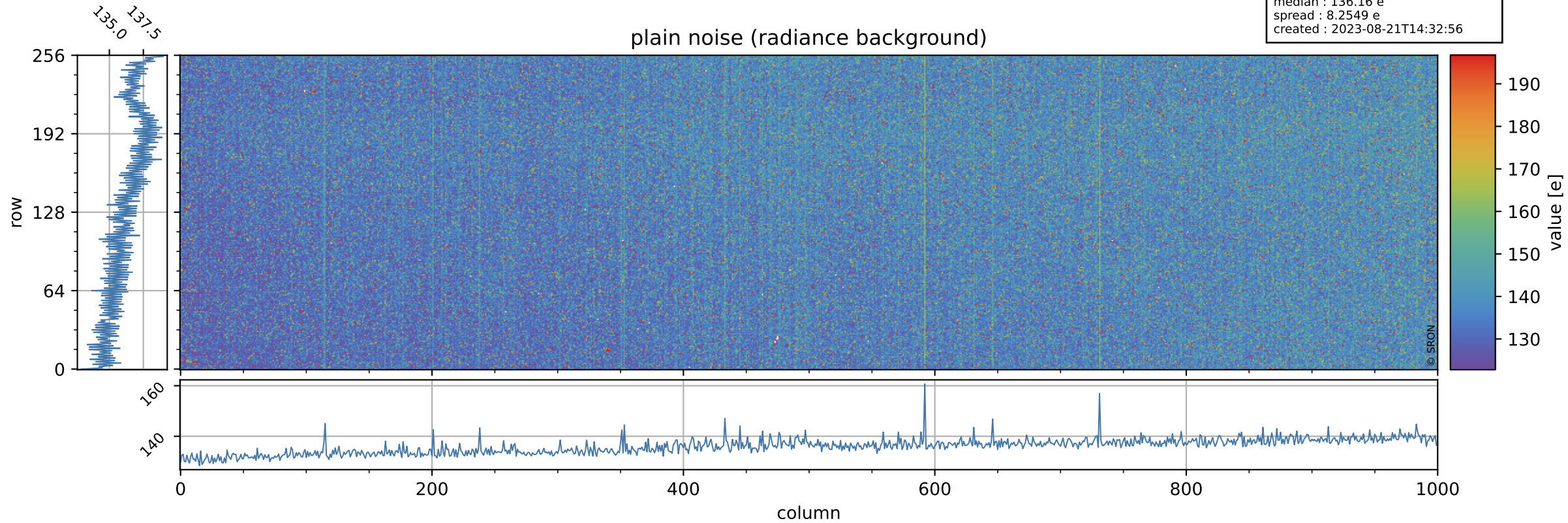
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2549 e
created : 2023-08-21T14:32:56

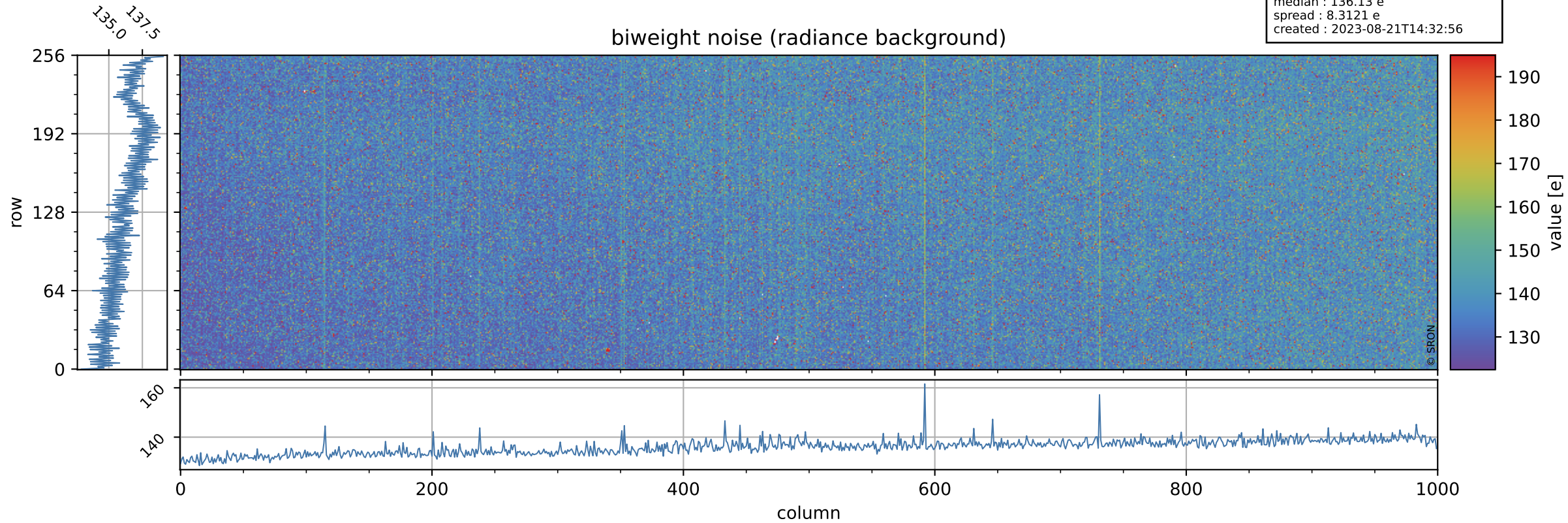
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.3121 e
created : 2023-08-21T14:32:56

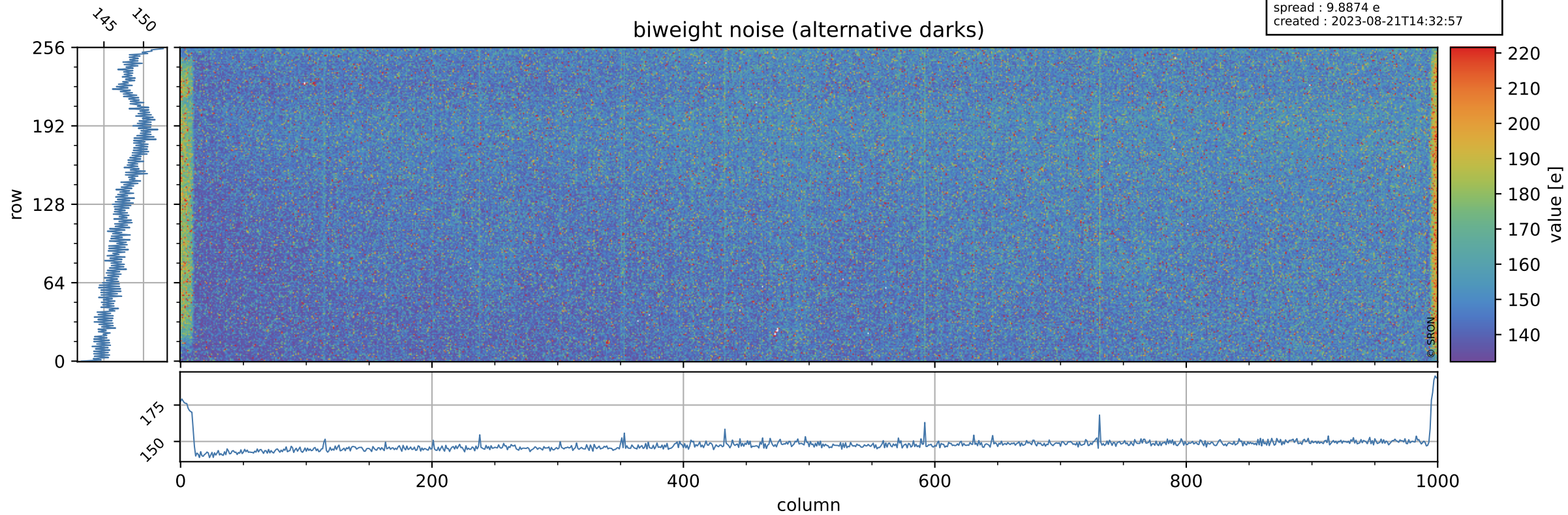
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.8874 e
created : 2023-08-21T14:32:57

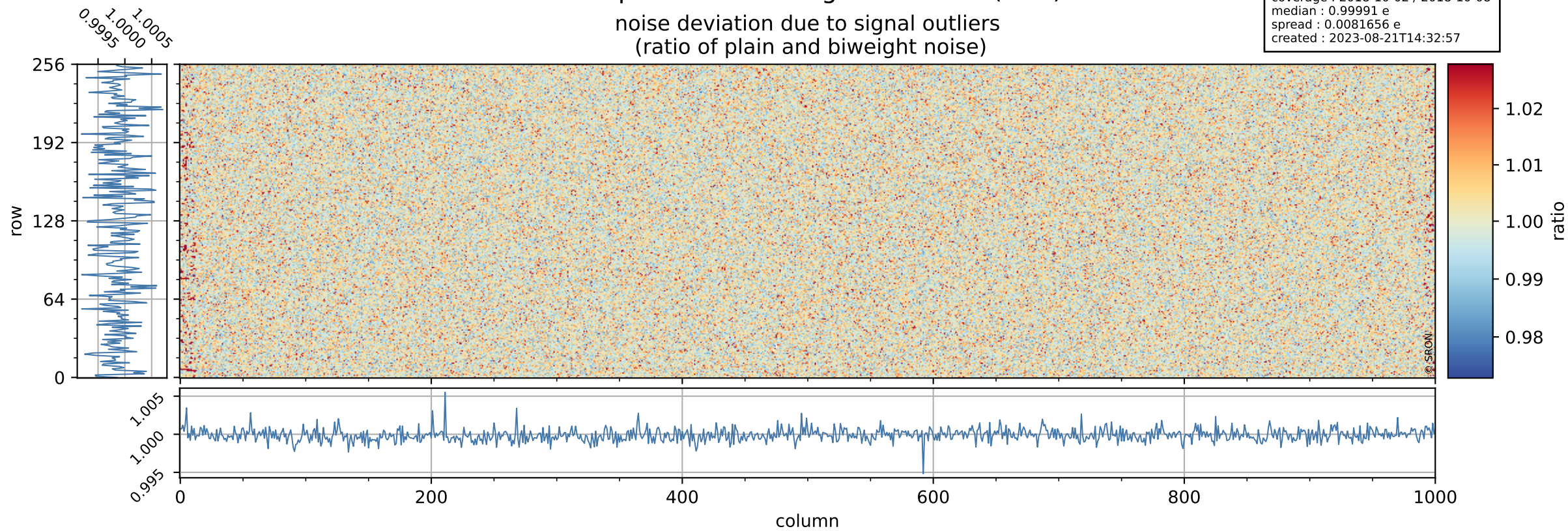
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

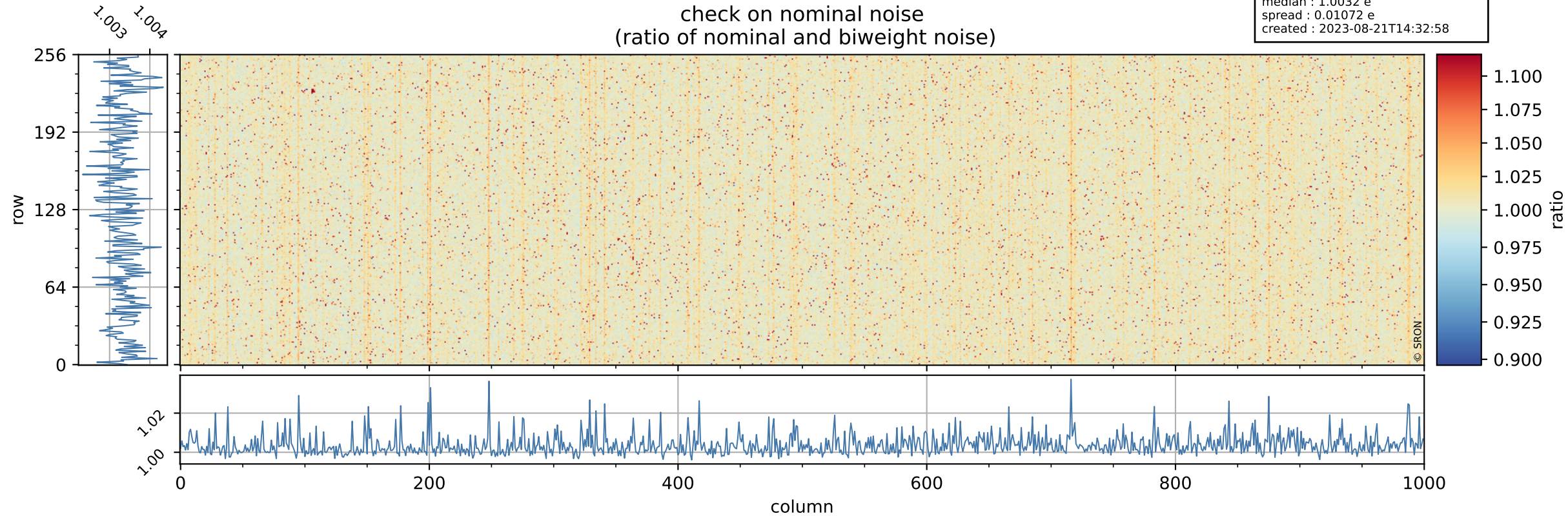
orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
median : 0.99991 e
spread : 0.0081656 e
created : 2023-08-21T14:32:57



Tropomi SWIR background noise (swir)

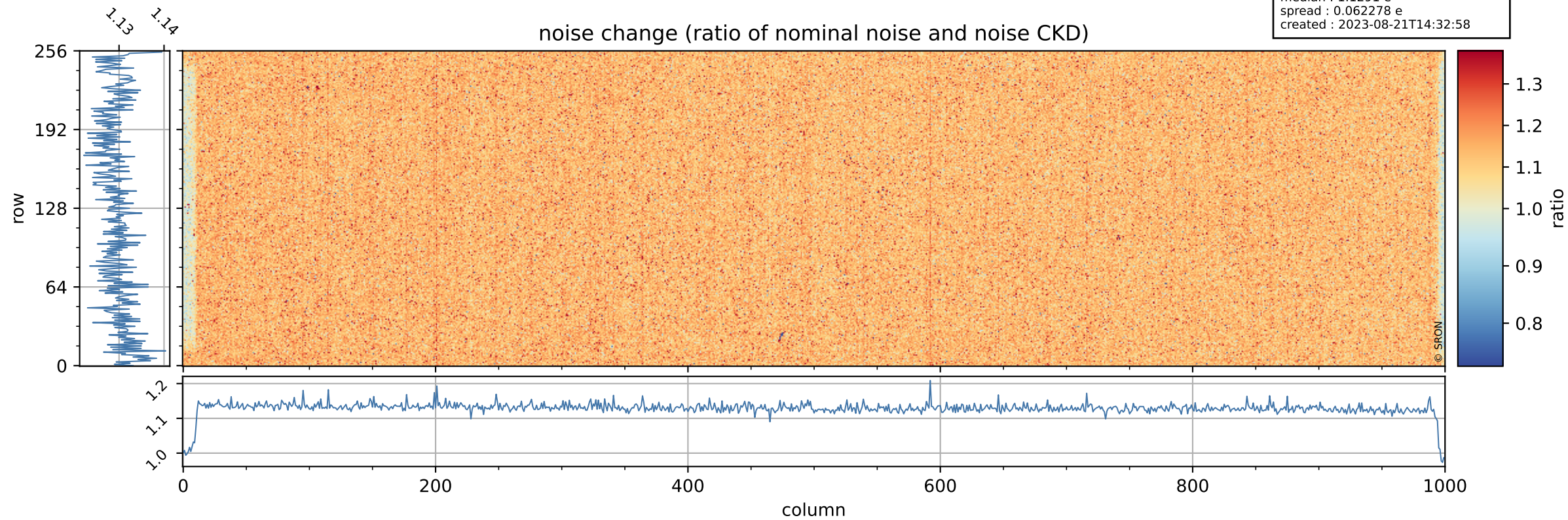
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
median : 1.0032 e
spread : 0.01072 e
created : 2023-08-21T14:32:58



Tropomi SWIR background noise (swir)

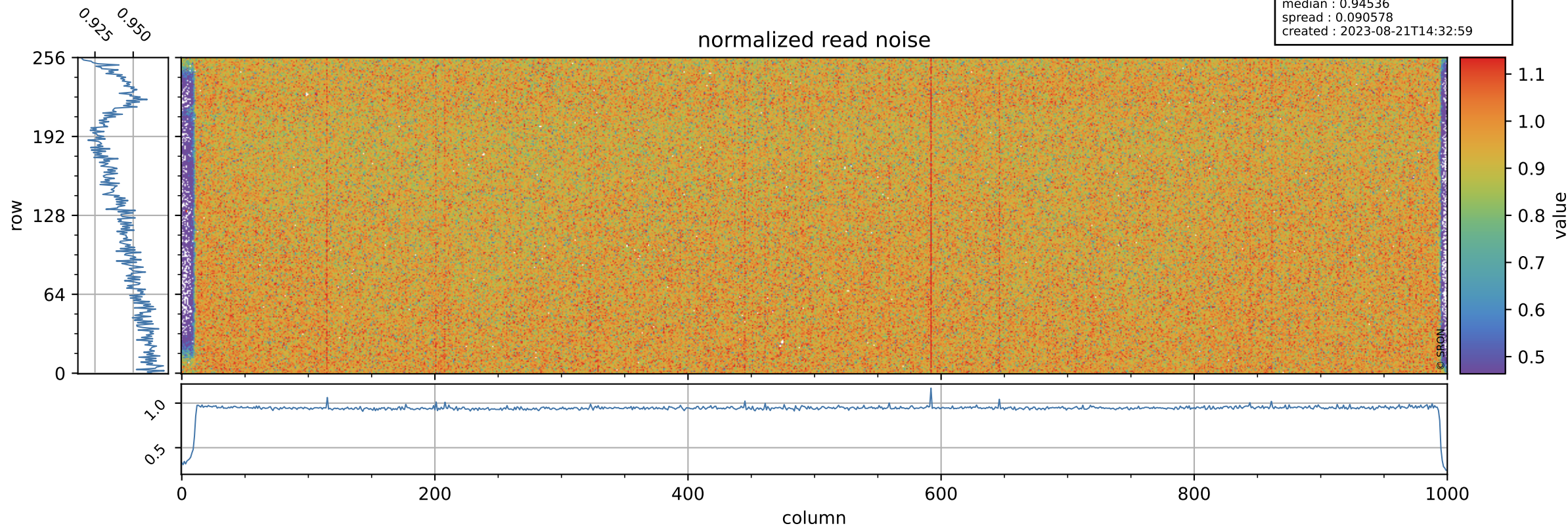
orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
median : 1.1291 e
spread : 0.062278 e
created : 2023-08-21T14:32:58



Tropomi SWIR background noise (swir)

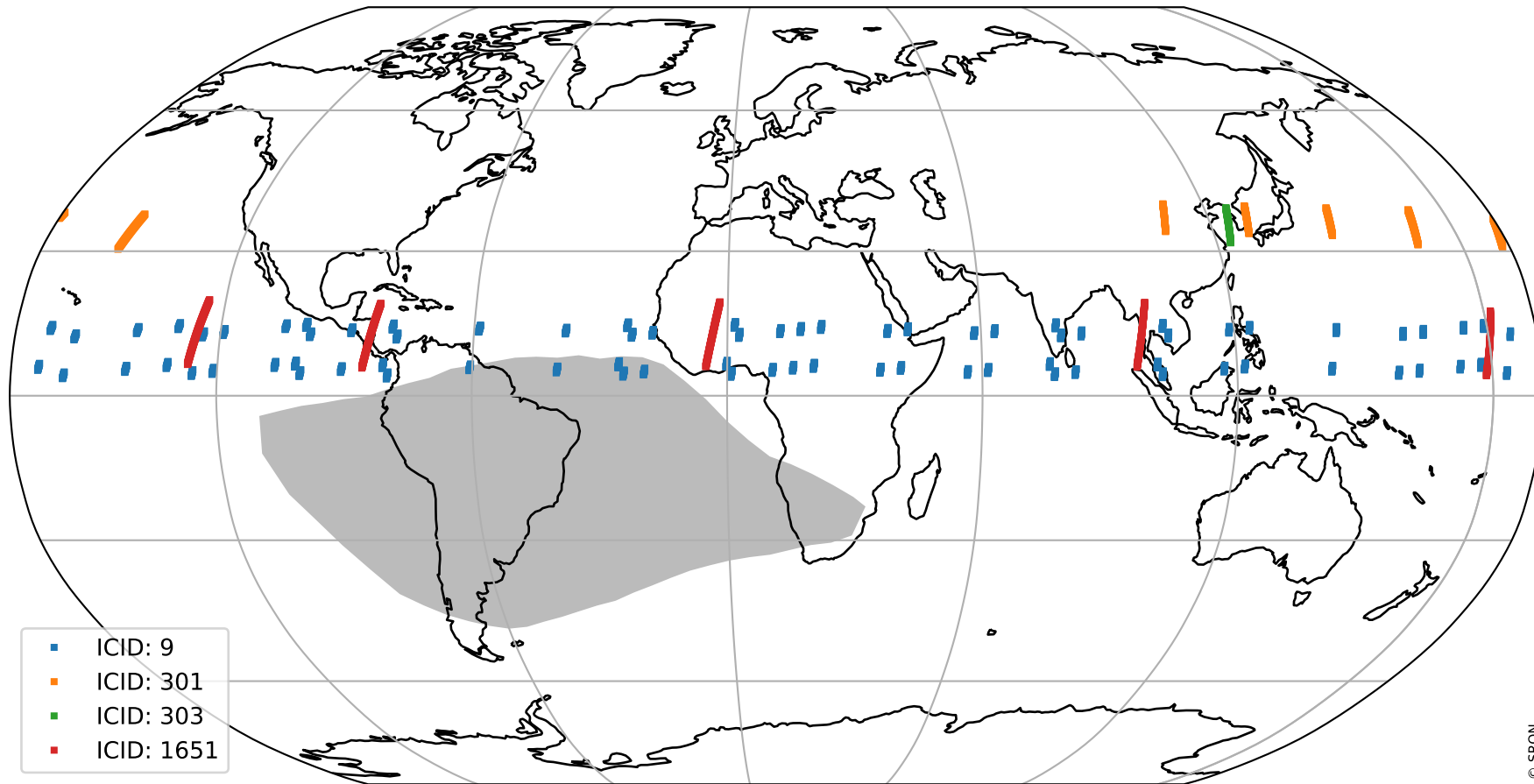
orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
median : 0.94536
spread : 0.090578
created : 2023-08-21T14:32:59

normalized read noise



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

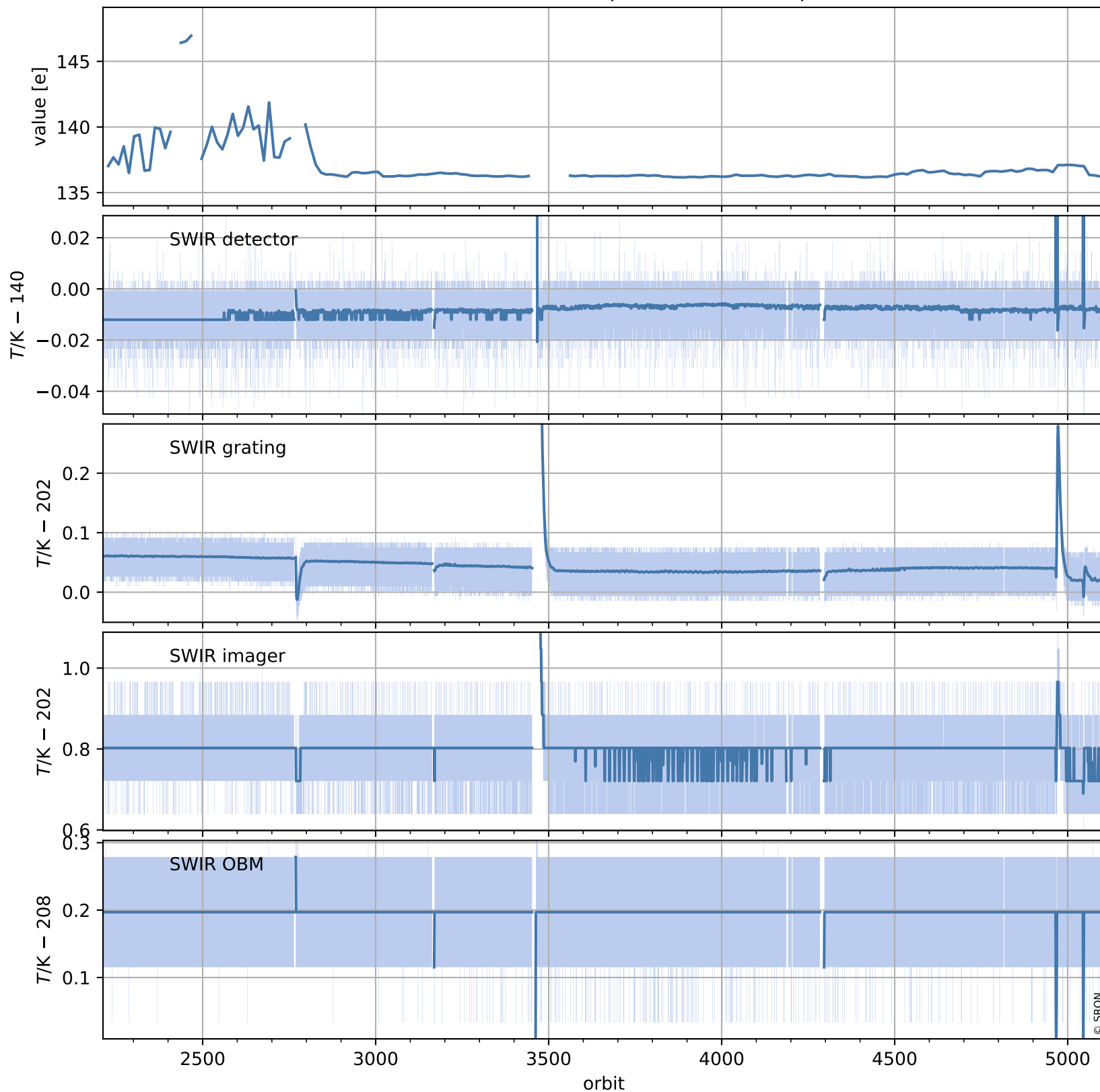
orbits : 12 in [5017, 5107]
coverage : 2018-10-02 / 2018-10-08
created : 2023-08-21T14:32:59



Tropomi SWIR background noise (swir)

orbits : [2212, 5107]
coverage : 2018-03-18 / 2018-10-08
created : 2023-08-21T14:32:59

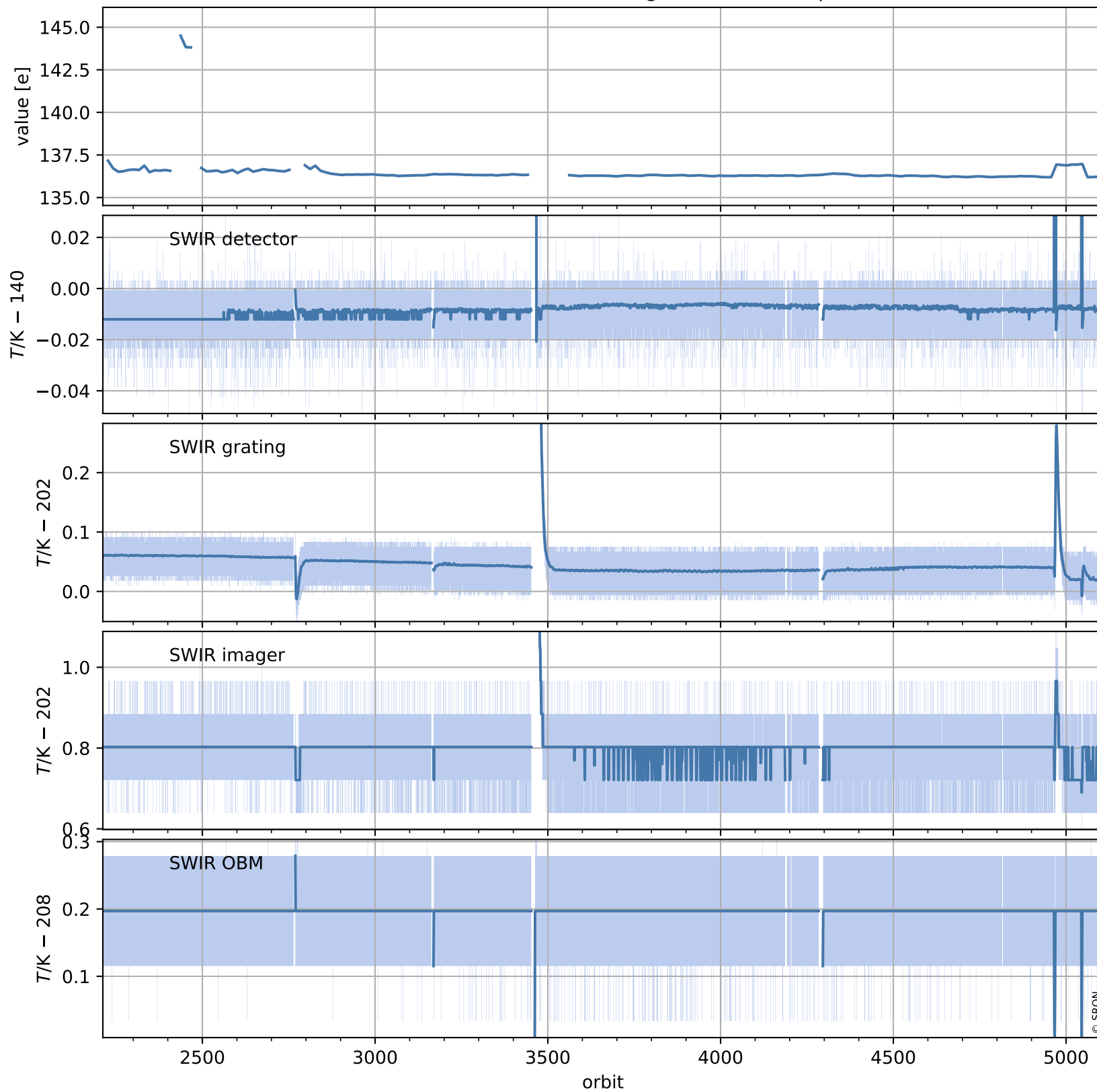
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5107]
coverage : 2018-03-18 / 2018-10-08
created : 2023-08-21T14:33:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5107]
coverage : 2018-03-18 / 2018-10-08
created : 2023-08-21T14:33:01

trend of normalized read-noise & temperatures

