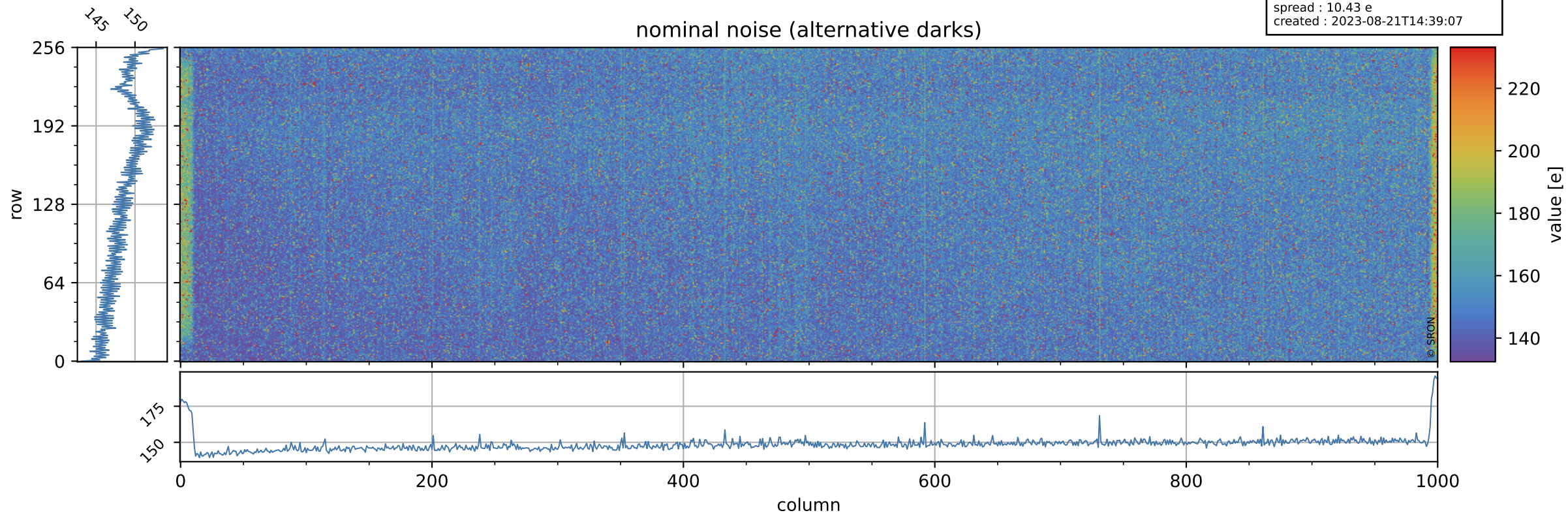


Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.43 e
created : 2023-08-21T14:39:07

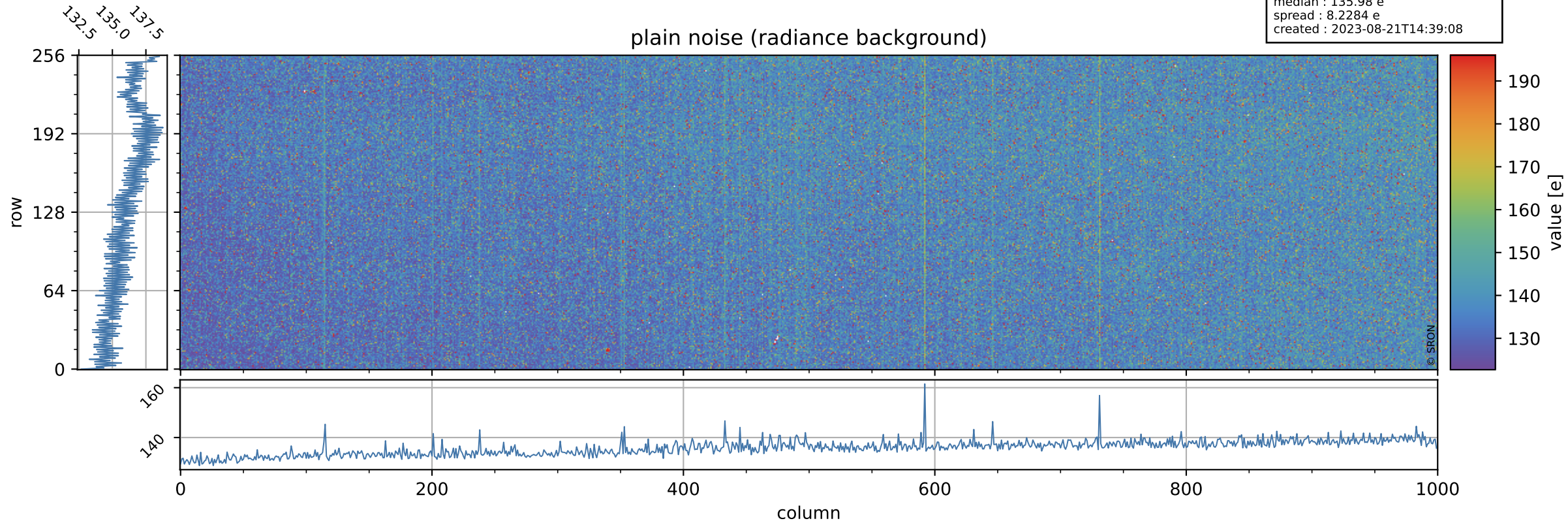
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.2284 e
created : 2023-08-21T14:39:08

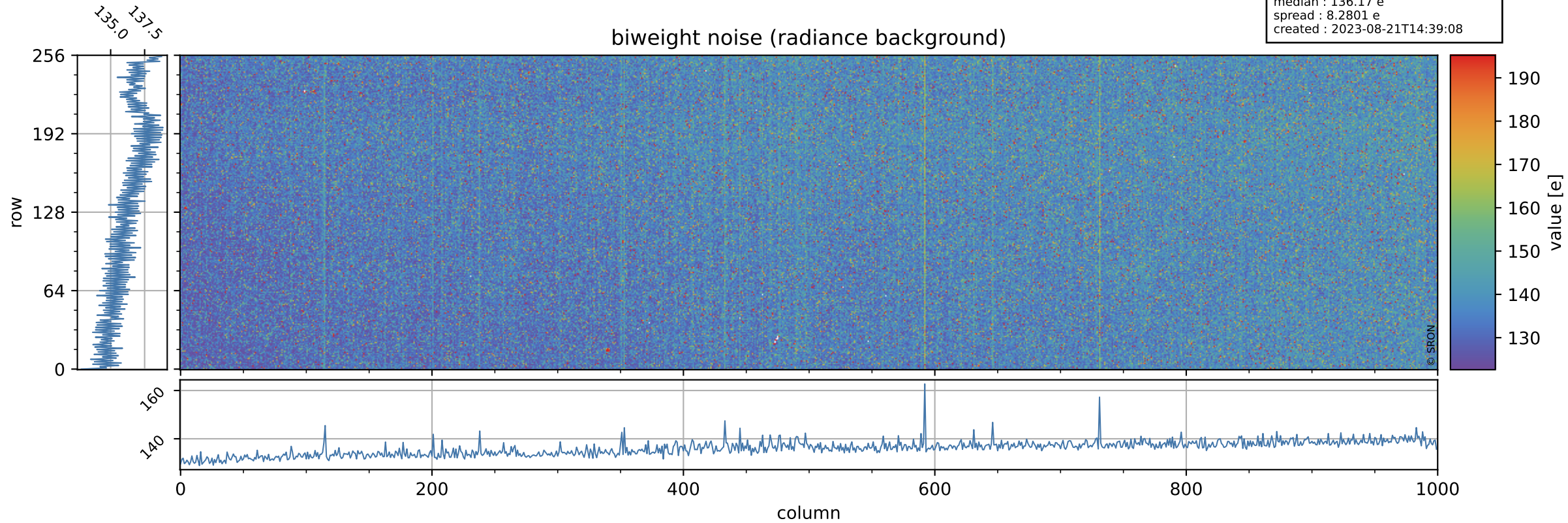
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.2801 e
created : 2023-08-21T14:39:08

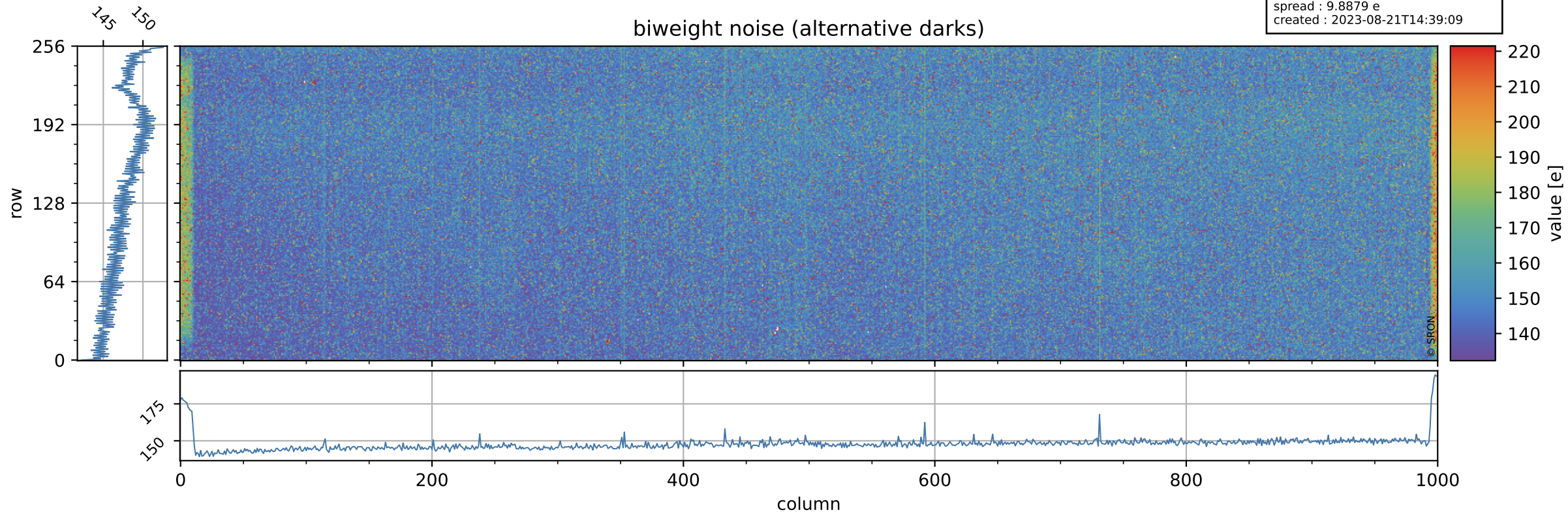
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.8879 e
created : 2023-08-21T14:39:09

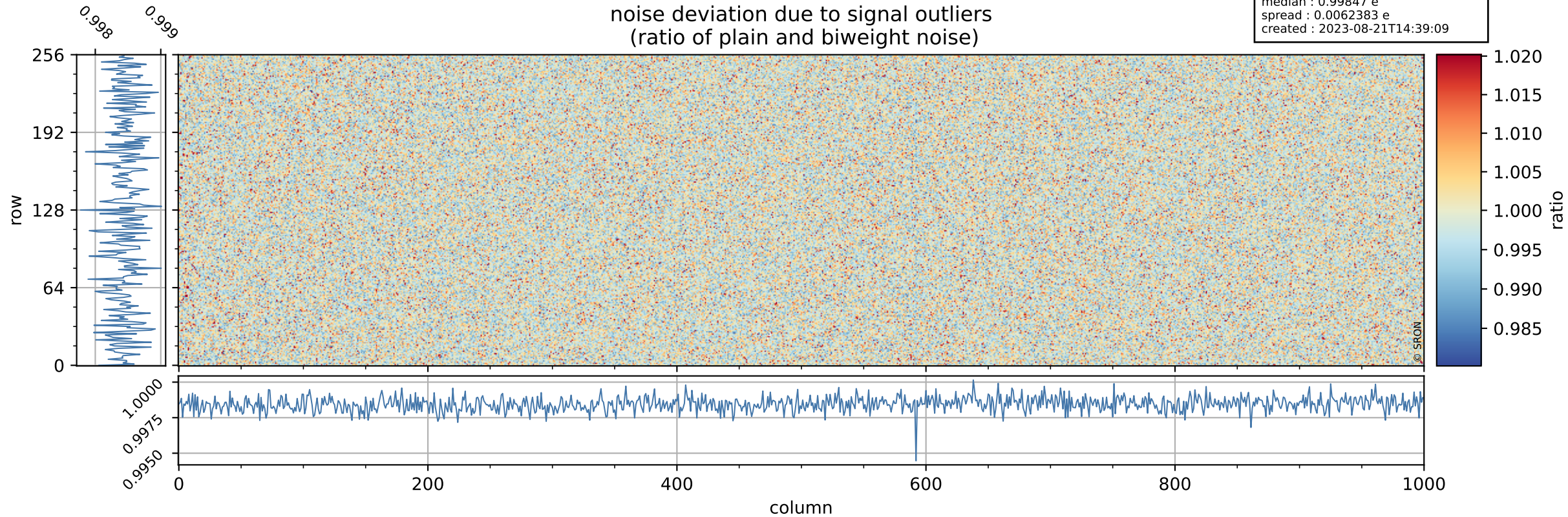
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

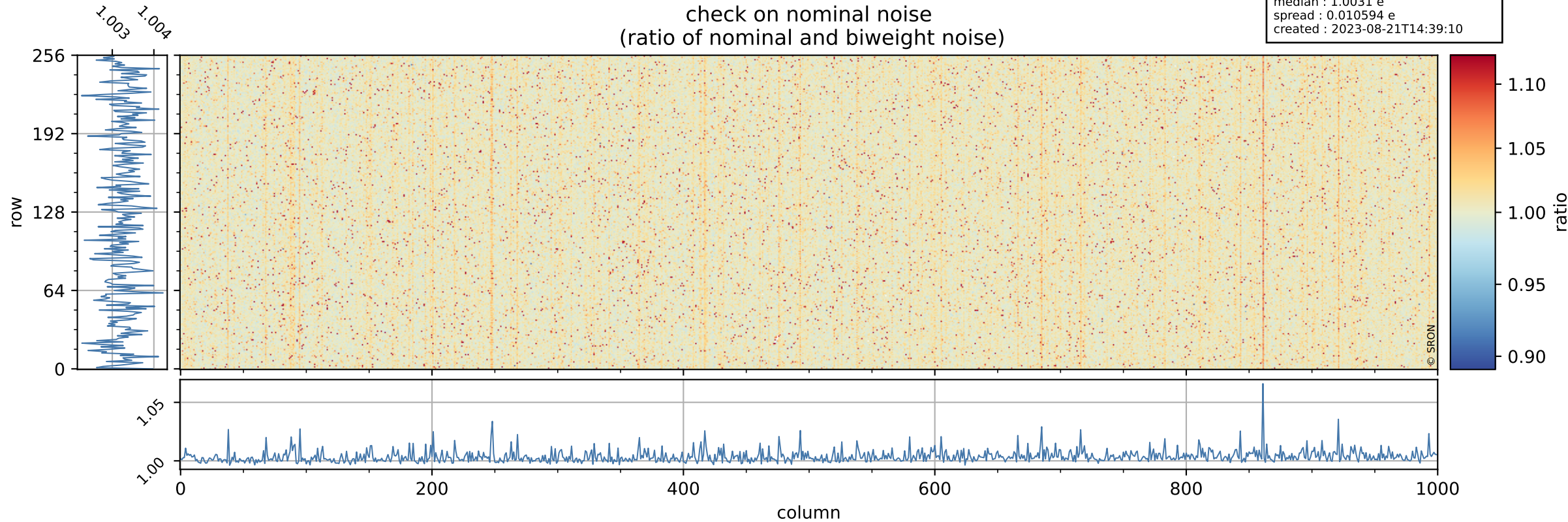
orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
median : 0.99847 e
spread : 0.0062383 e
created : 2023-08-21T14:39:09



Tropomi SWIR background noise (swir)

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

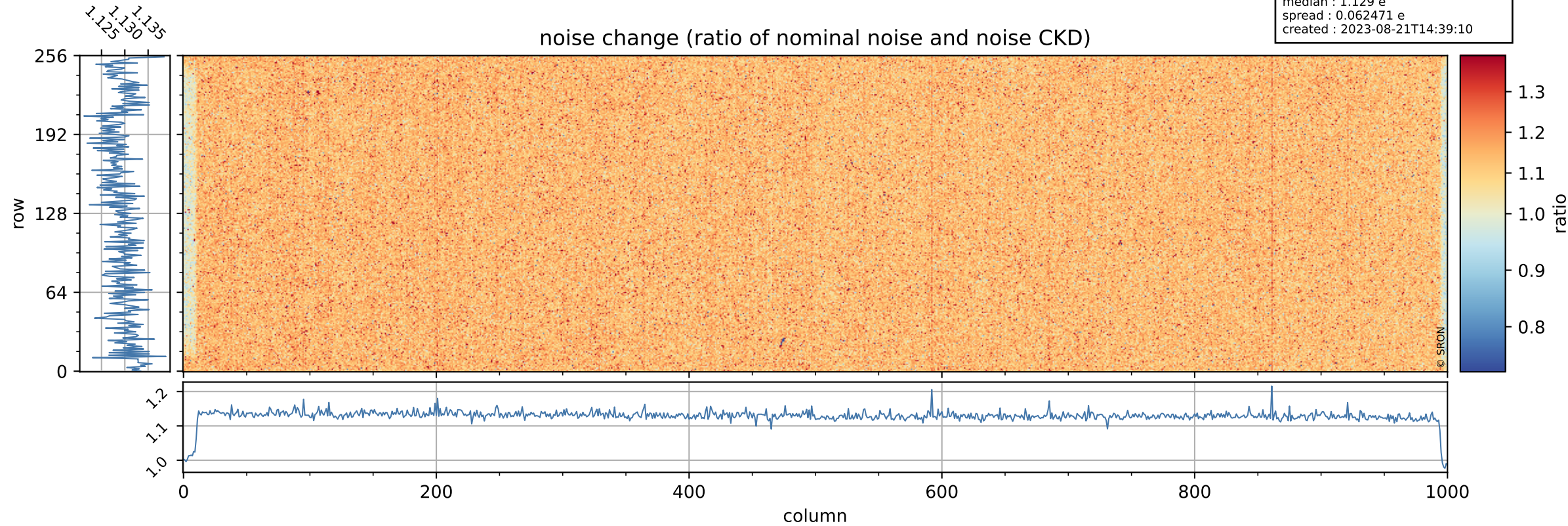
orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
median : 1.0031 e
spread : 0.010594 e
created : 2023-08-21T14:39:10



Tropomi SWIR background noise (swir)

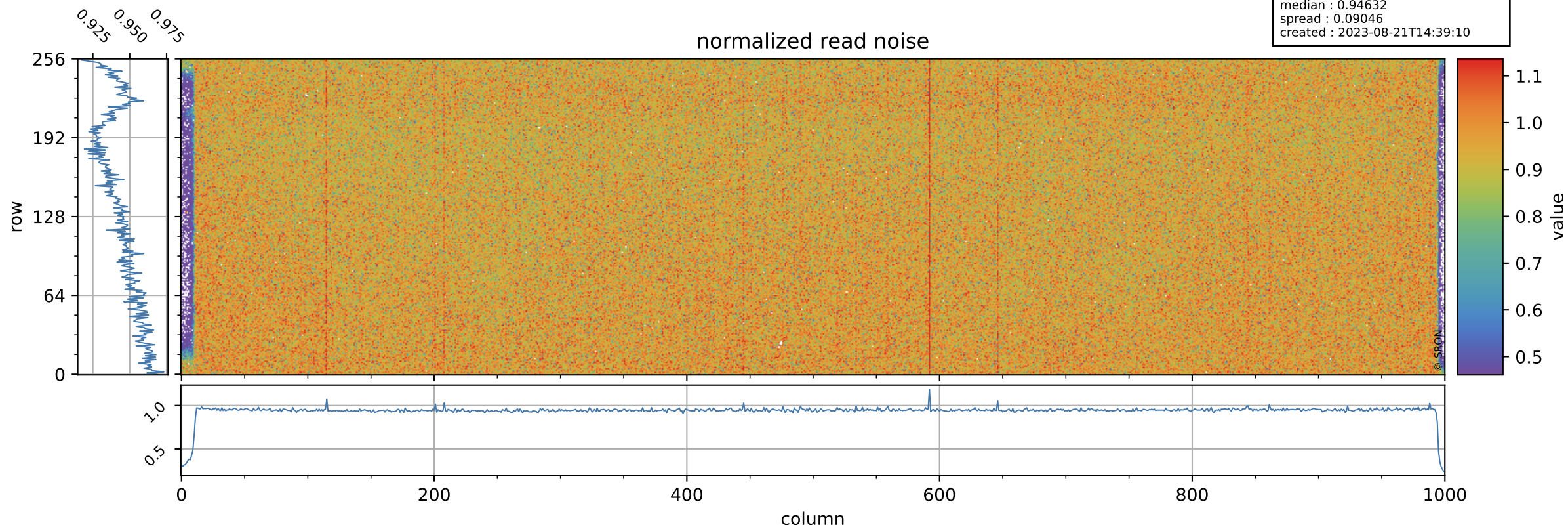
orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
median : 1.129 e
spread : 0.062471 e
created : 2023-08-21T14:39:10

noise change (ratio of nominal noise and noise CKD)



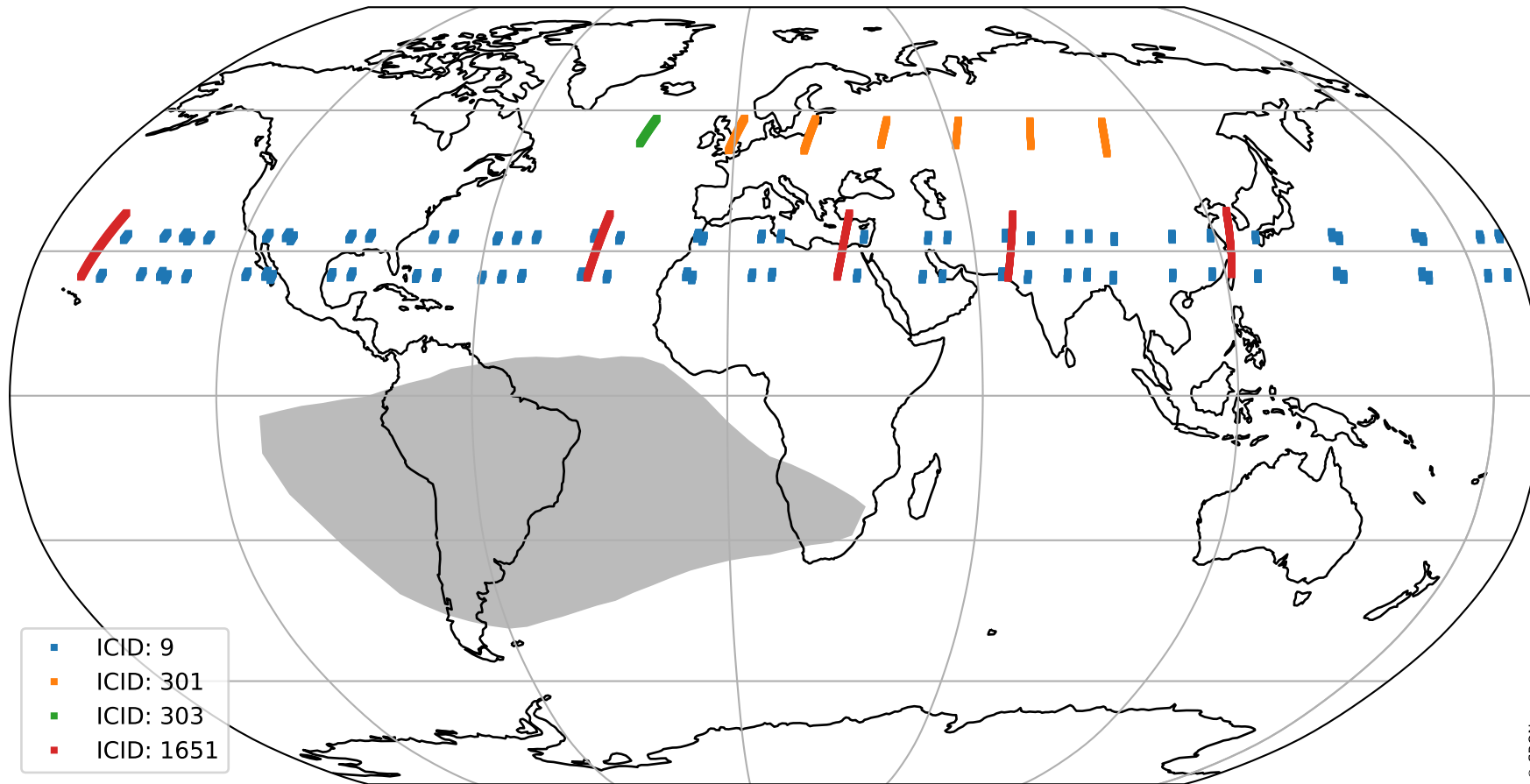
Tropomi SWIR background noise (swir)

orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
median : 0.94632
spread : 0.09046
created : 2023-08-21T14:39:10



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

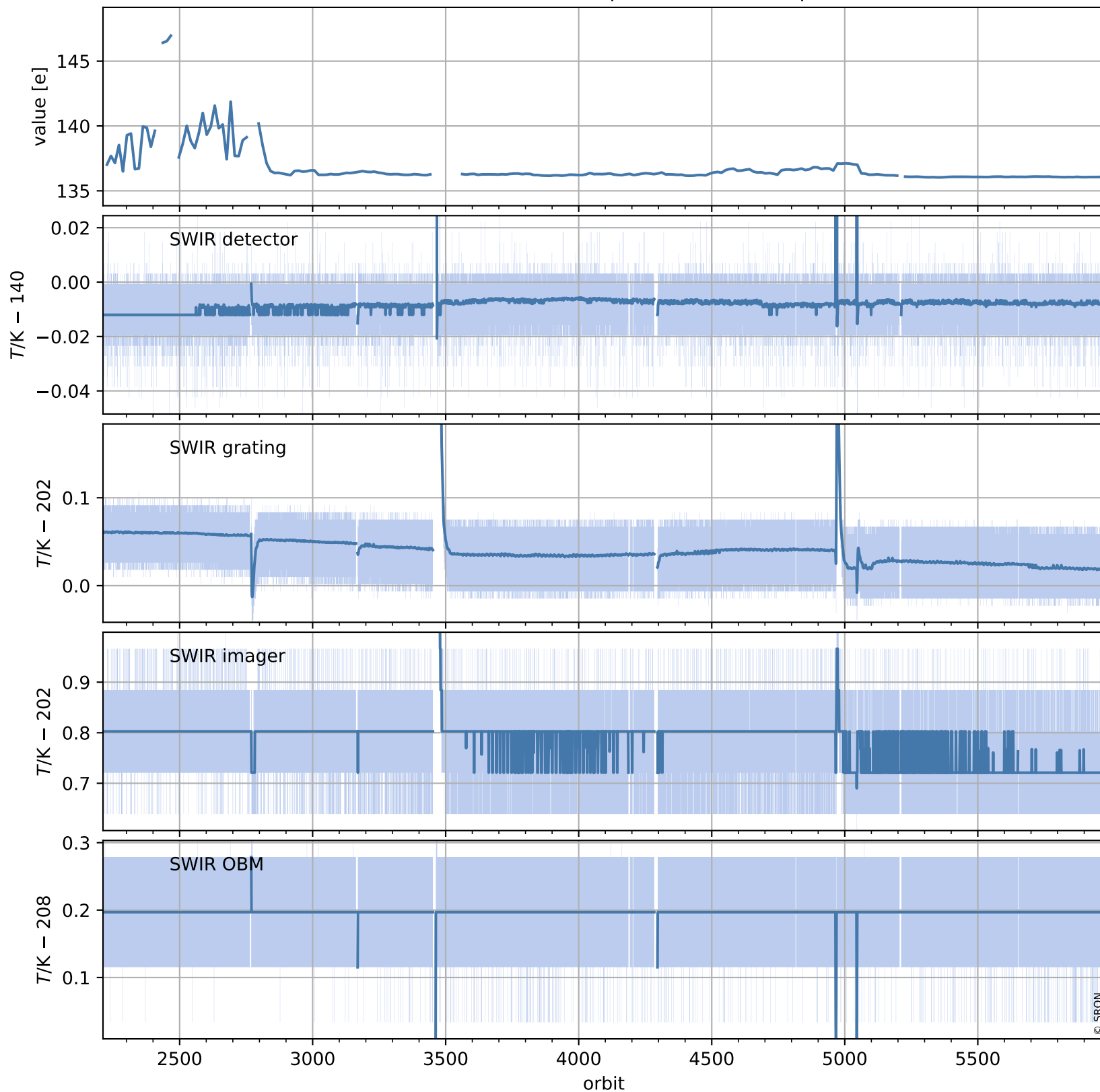
orbits : 12 in [5887, 5977]
coverage : 2018-12-02 / 2018-12-08
created : 2023-08-21T14:39:11



Tropomi SWIR background noise (swir)

orbits : [2212, 5977]
coverage : 2018-03-18 / 2018-12-08
created : 2023-08-21T14:39:11

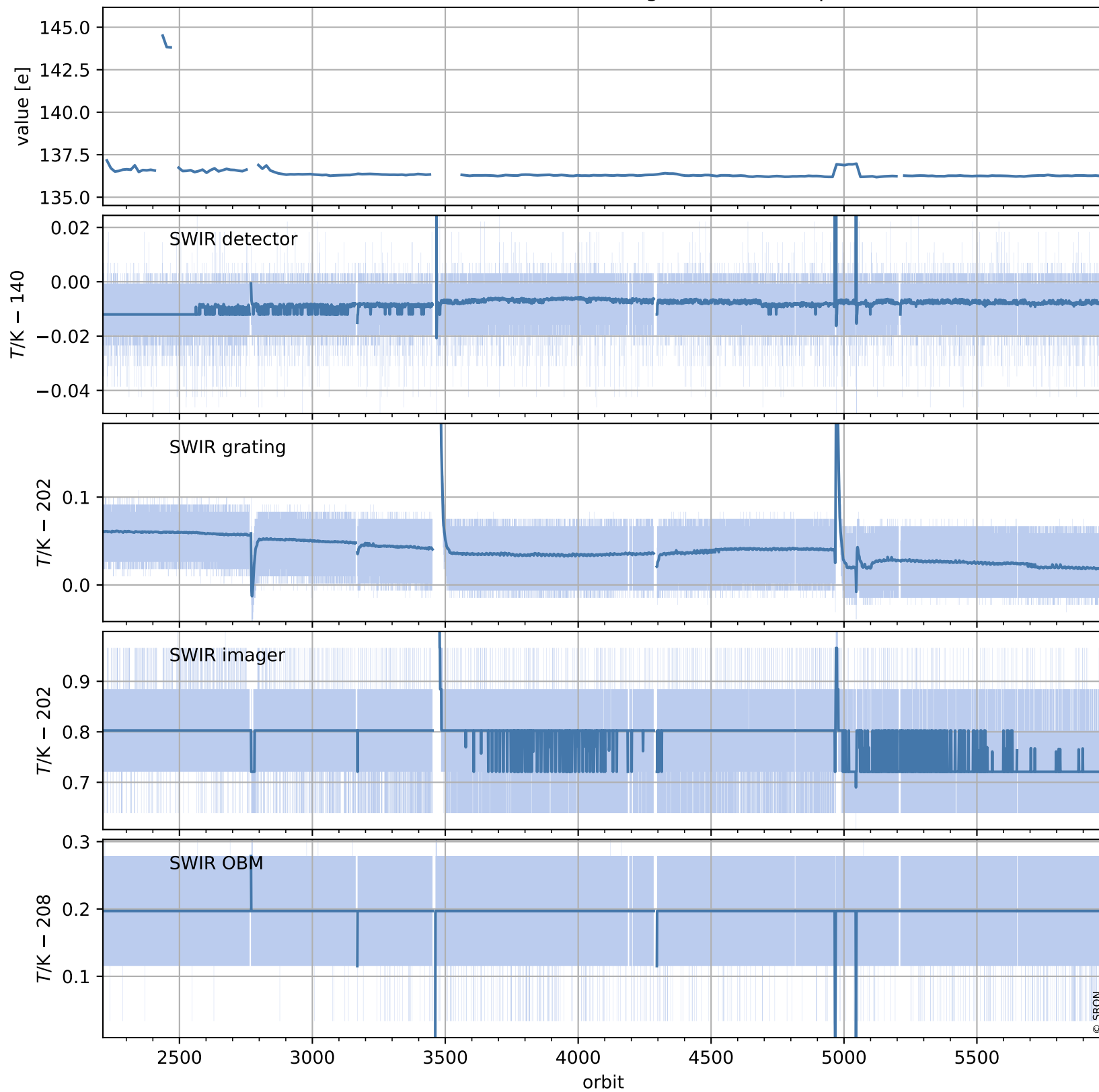
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5977]
coverage : 2018-03-18 / 2018-12-08
created : 2023-08-21T14:39:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5977]
coverage : 2018-03-18 / 2018-12-08
created : 2023-08-21T14:39:13

trend of normalized read-noise & temperatures

