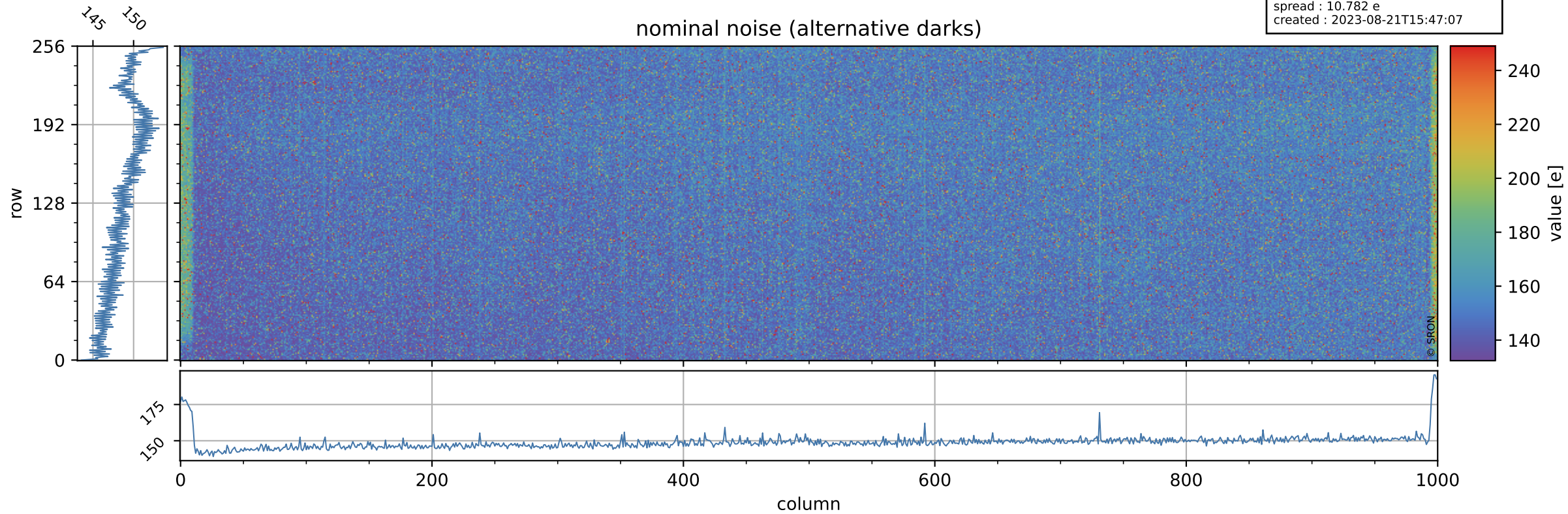


Tropomi SWIR background noise (swir)

orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
n_coad, t_exp : 1, 1.0783
median : 148.65 e
spread : 10.782 e
created : 2023-08-21T15:47:07

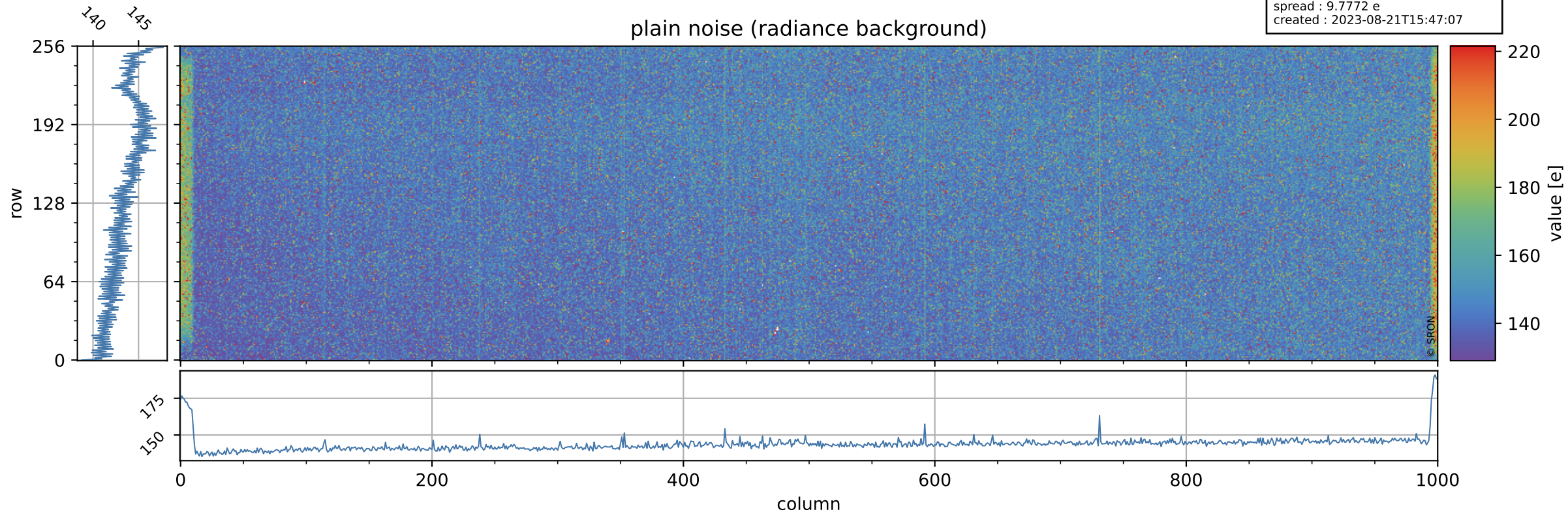
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7772 e
created : 2023-08-21T15:47:07

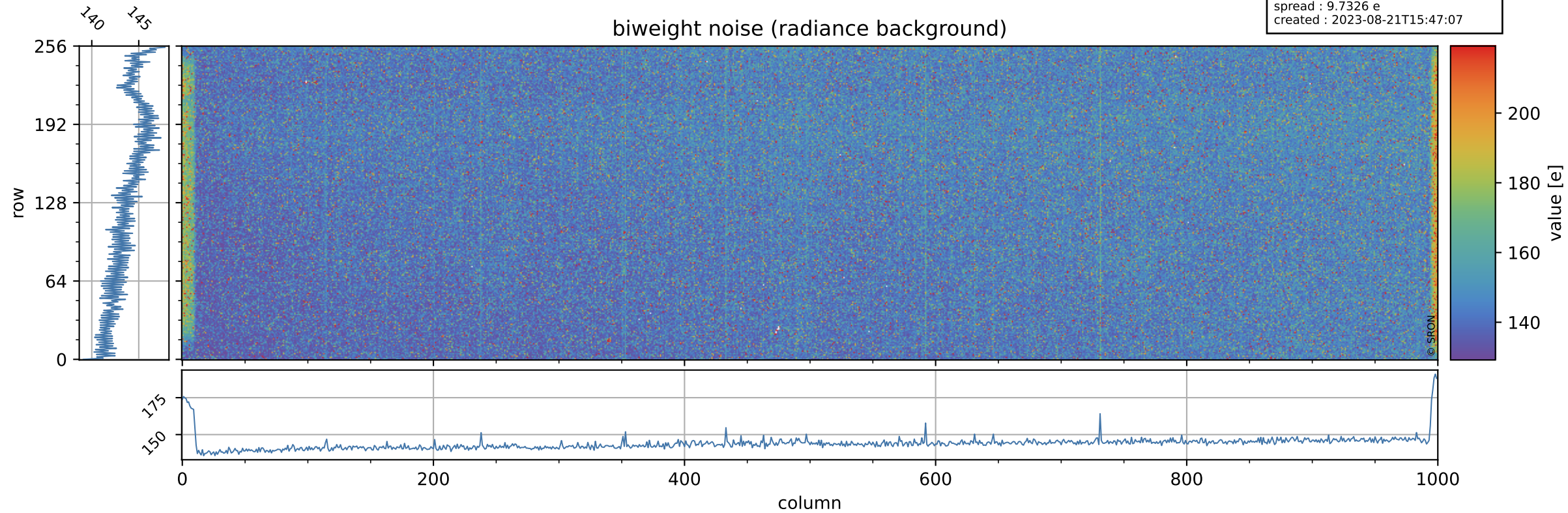
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7326 e
created : 2023-08-21T15:47:07

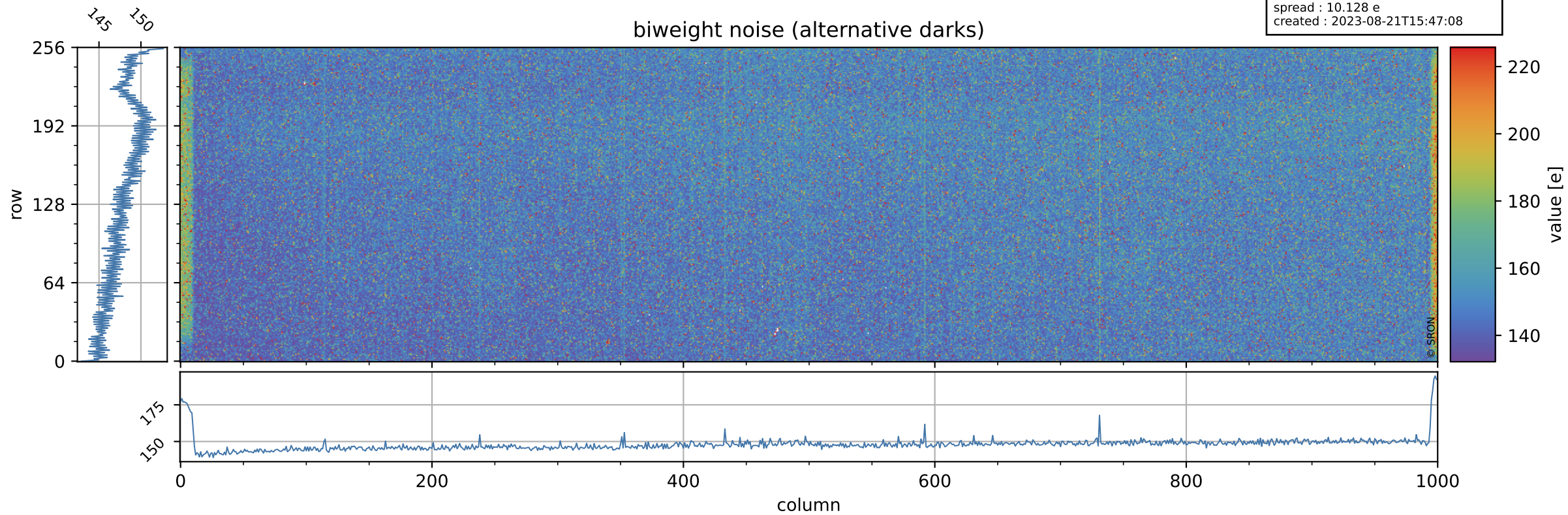
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.128 e
created : 2023-08-21T15:47:08

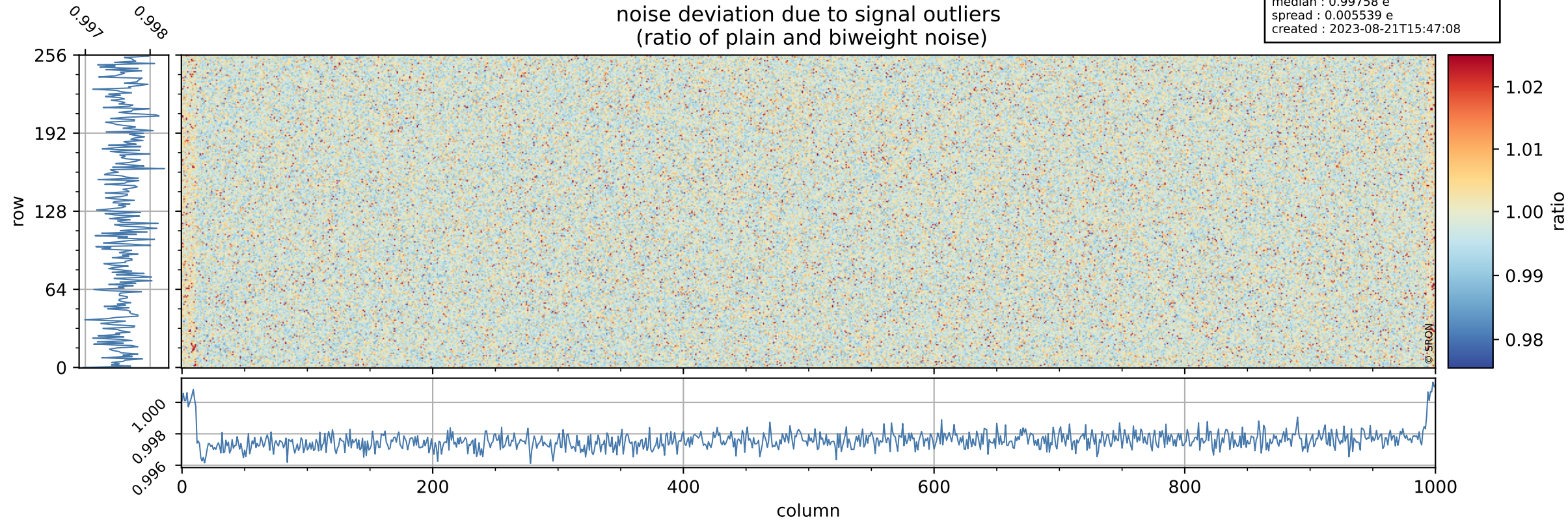
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

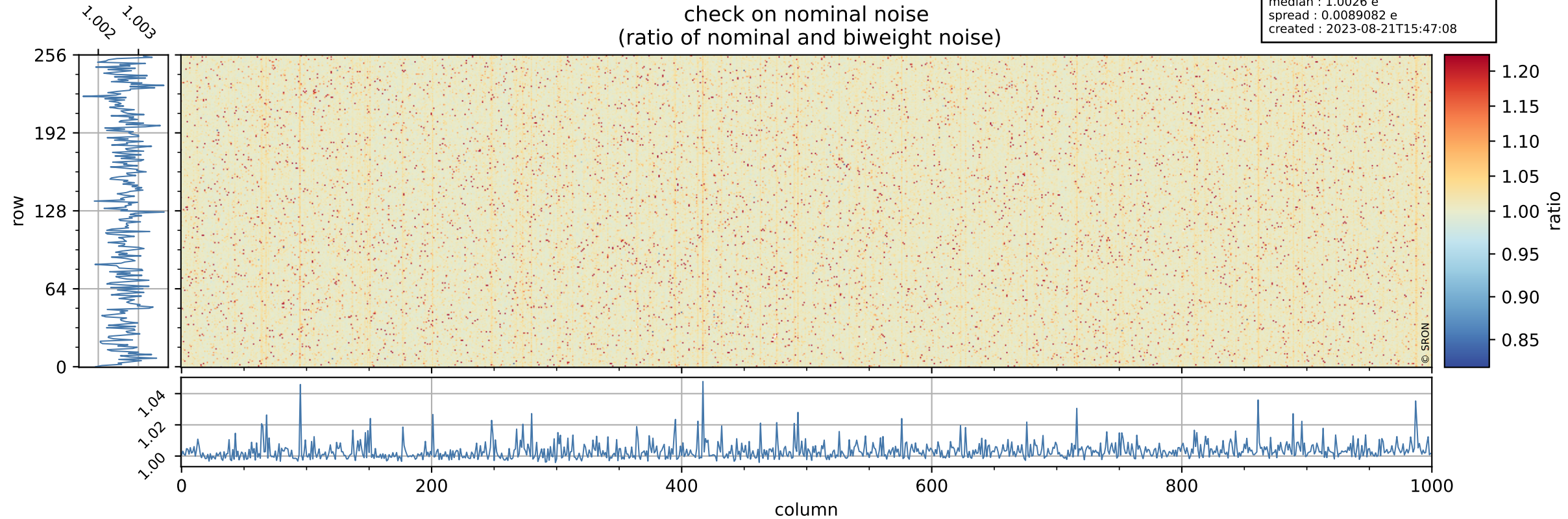
orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
median : 0.99758 e
spread : 0.005539 e
created : 2023-08-21T15:47:08



Tropomi SWIR background noise (swir)

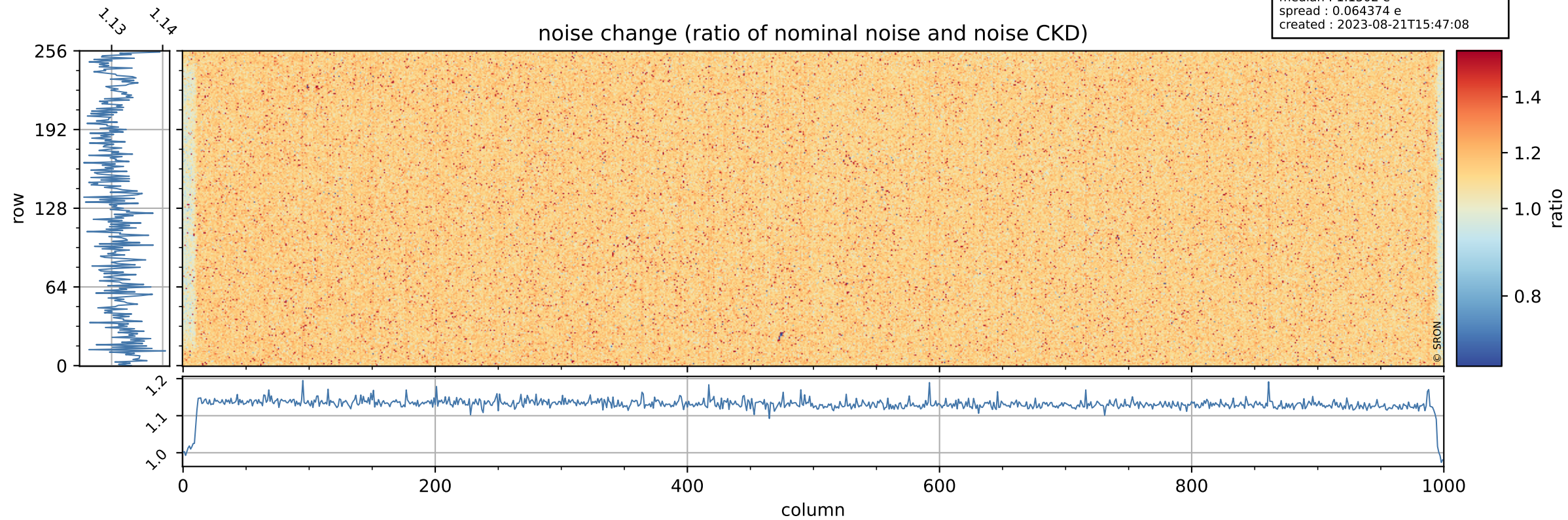
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
median : 1.0026 e
spread : 0.0089082 e
created : 2023-08-21T15:47:08



Tropomi SWIR background noise (swir)

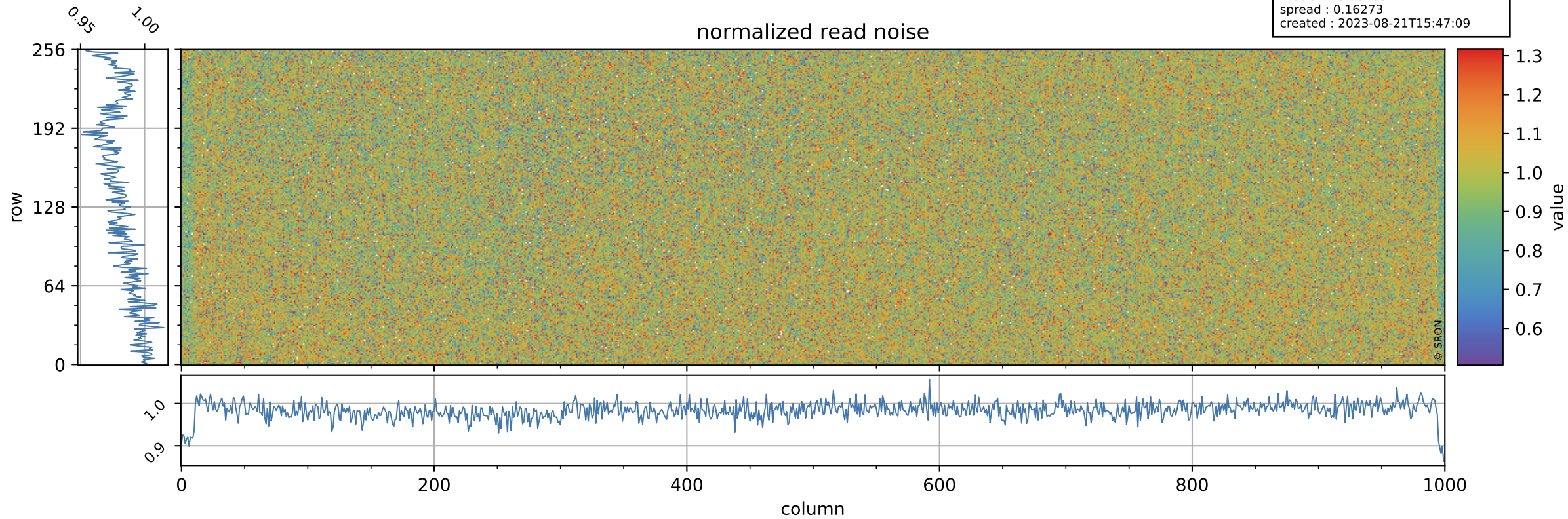
orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
median : 1.1302 e
spread : 0.064374 e
created : 2023-08-21T15:47:08



Tropomi SWIR background noise (swir)

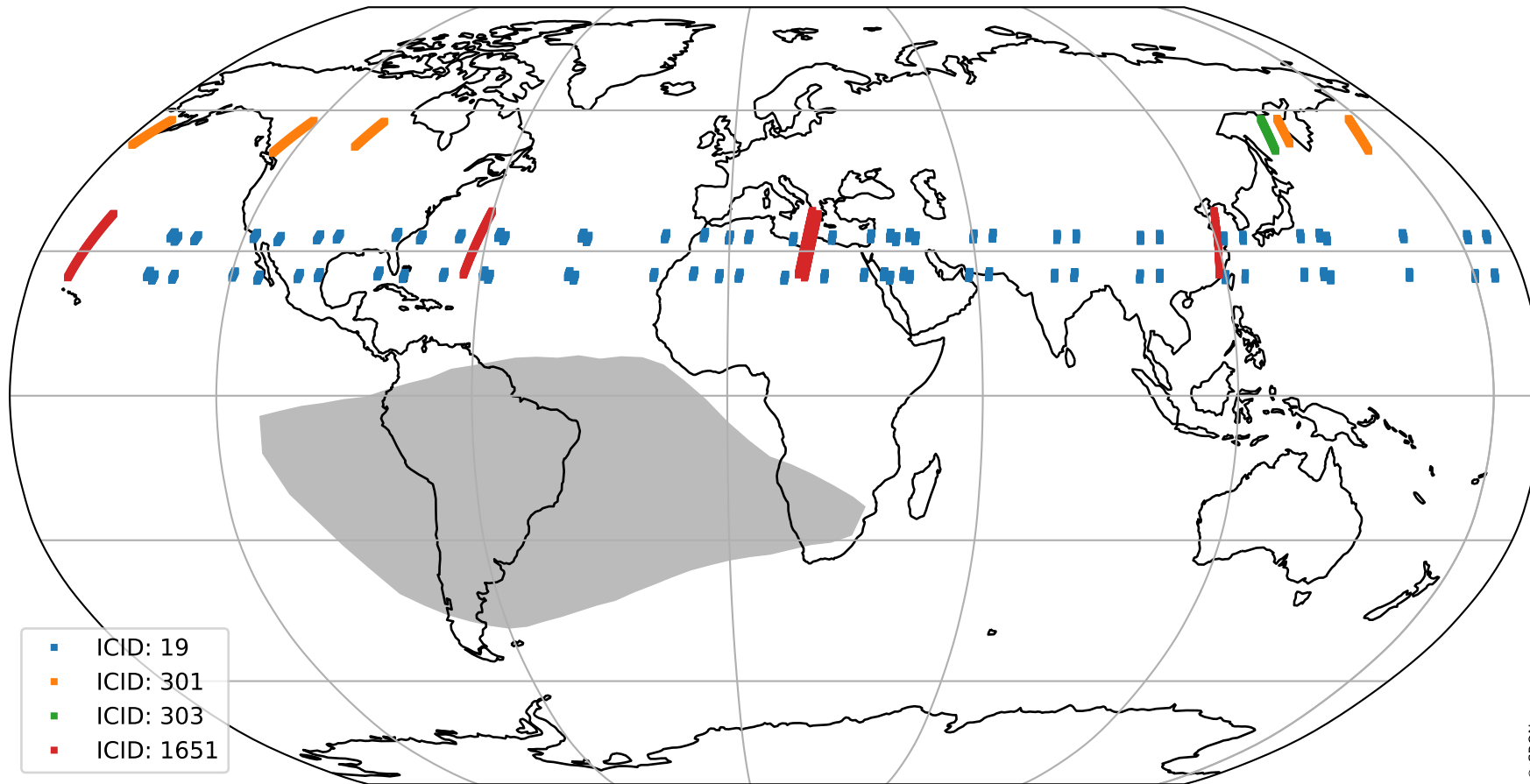
orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
median : 0.98203
spread : 0.16273
created : 2023-08-21T15:47:09

normalized read noise



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

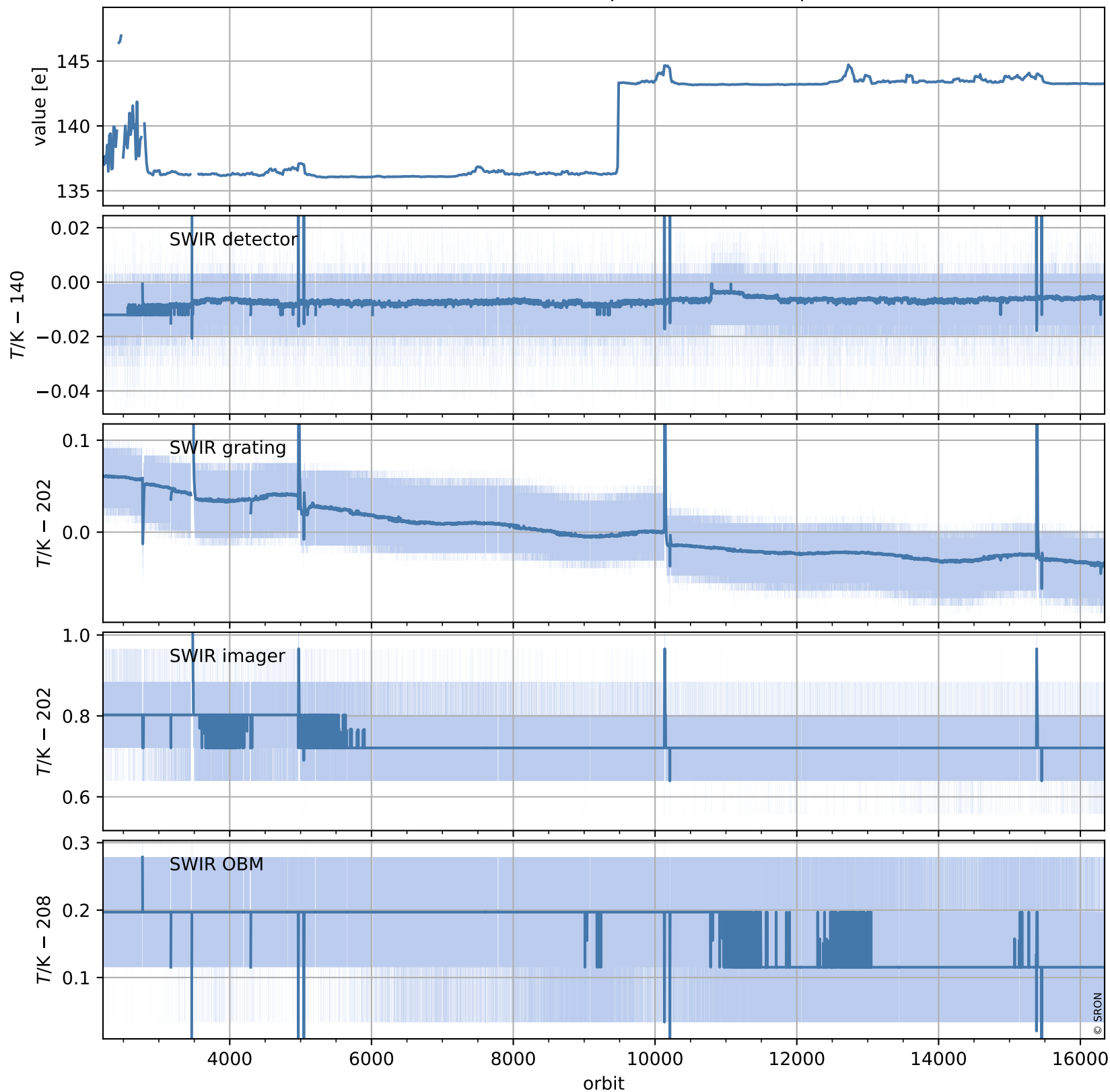
orbits : 11 in [16252, 16342]
coverage : 2020-12-02 / 2020-12-08
created : 2023-08-21T15:47:09



Tropomi SWIR background noise (swir)

orbits : [2212, 16342]
coverage : 2018-03-18 / 2020-12-08
created : 2023-08-21T15:47:09

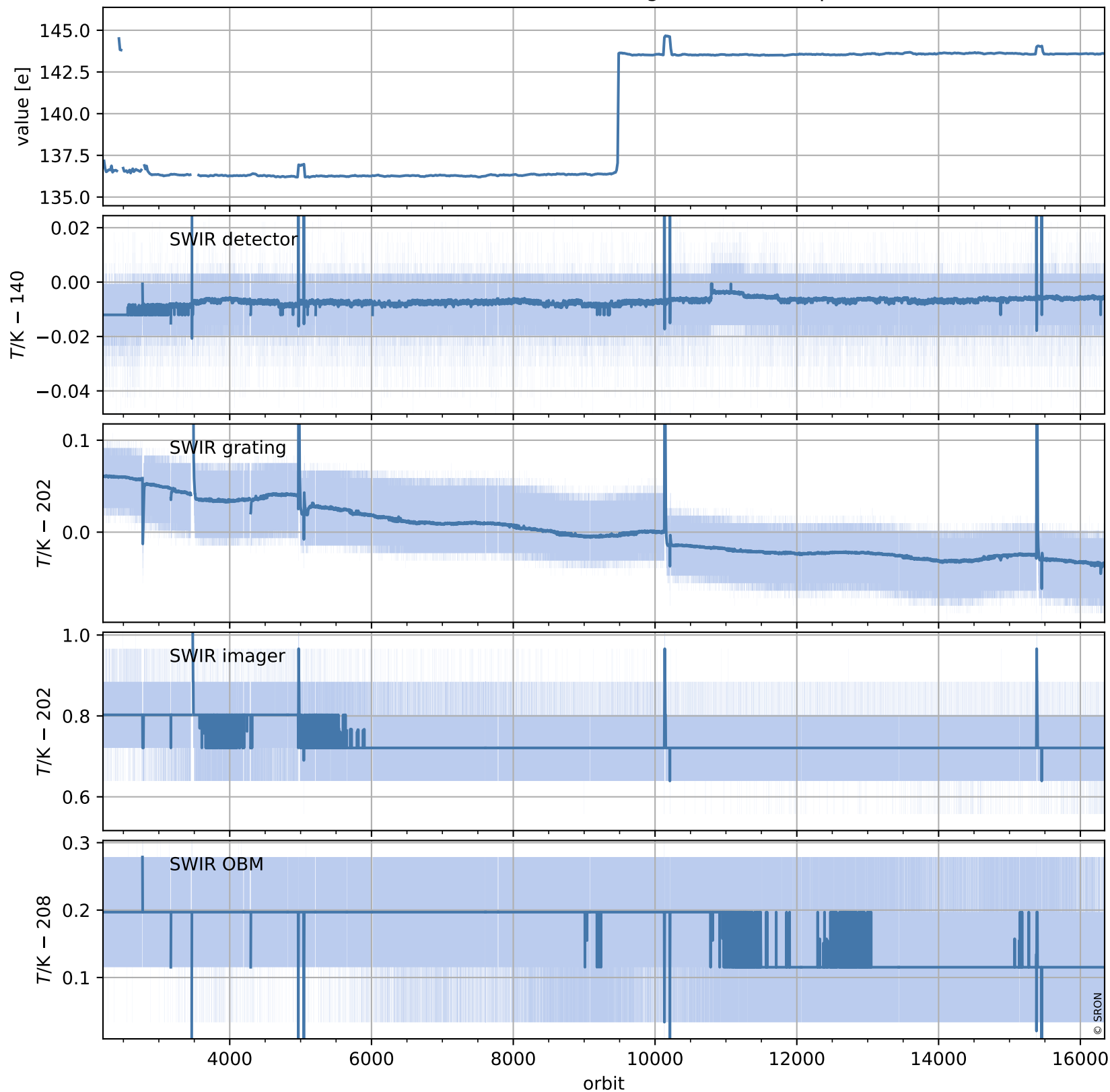
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16342]
coverage : 2018-03-18 / 2020-12-08
created : 2023-08-21T15:47:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16342]
coverage : 2018-03-18 / 2020-12-08
created : 2023-08-21T15:47:11

trend of normalized read-noise & temperatures

