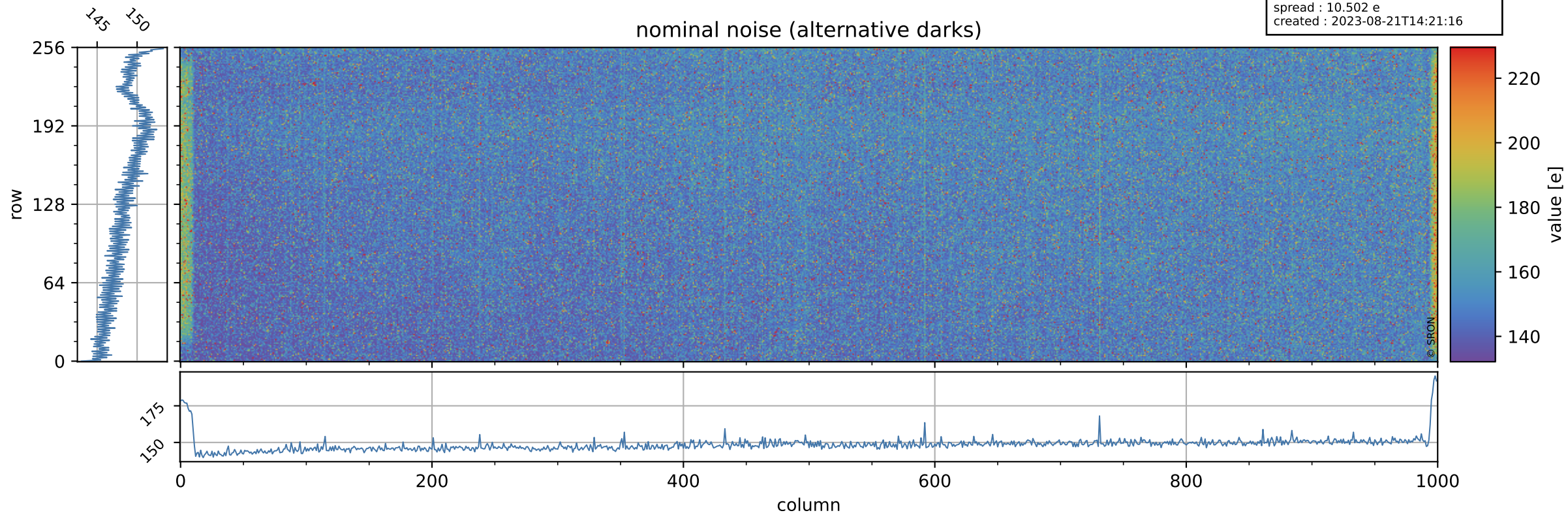


Tropomi SWIR background noise (swir)

orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.502 e
created : 2023-08-21T14:21:16

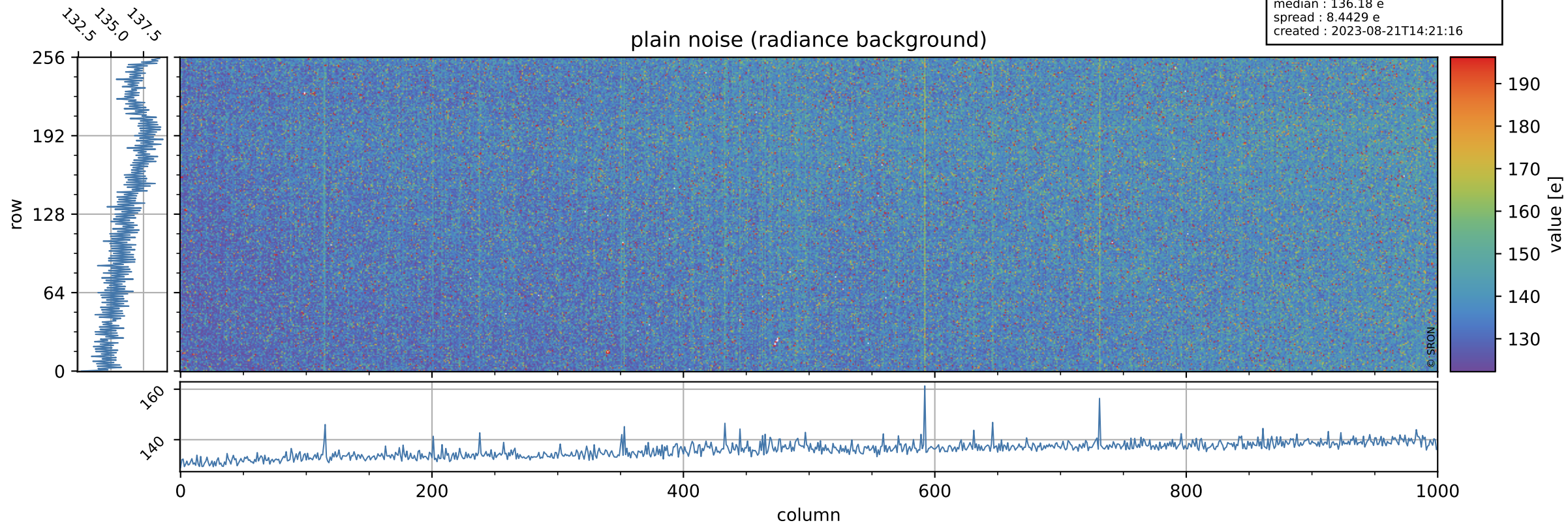
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4429 e
created : 2023-08-21T14:21:16

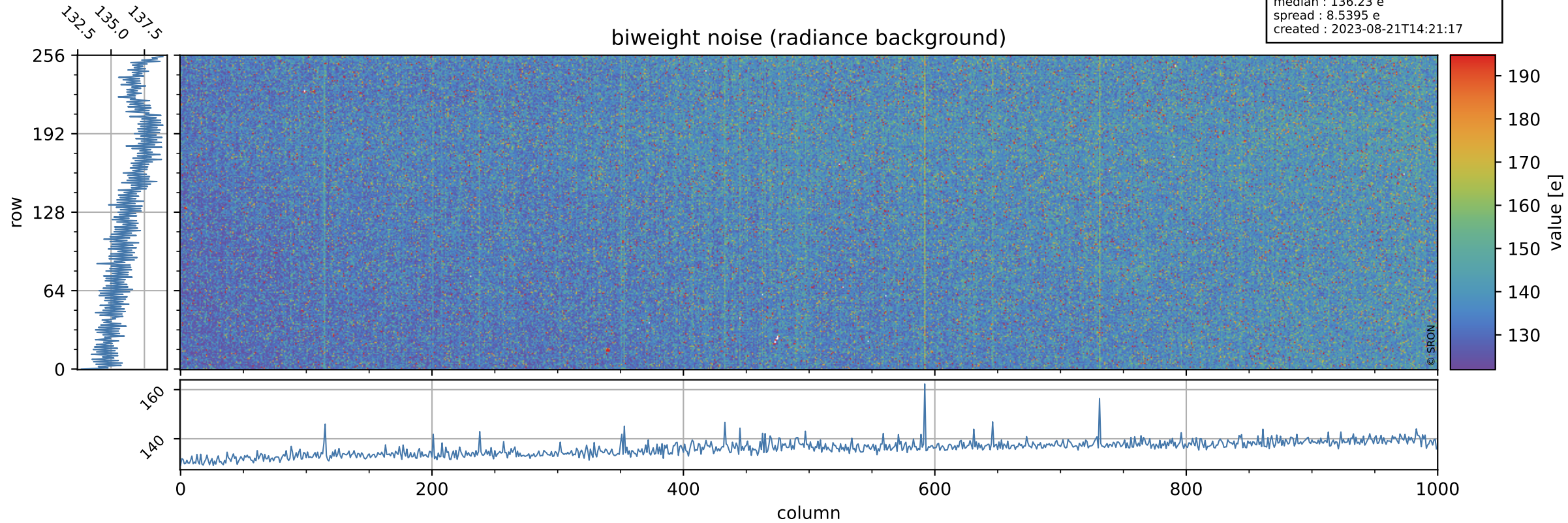
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5395 e
created : 2023-08-21T14:21:17

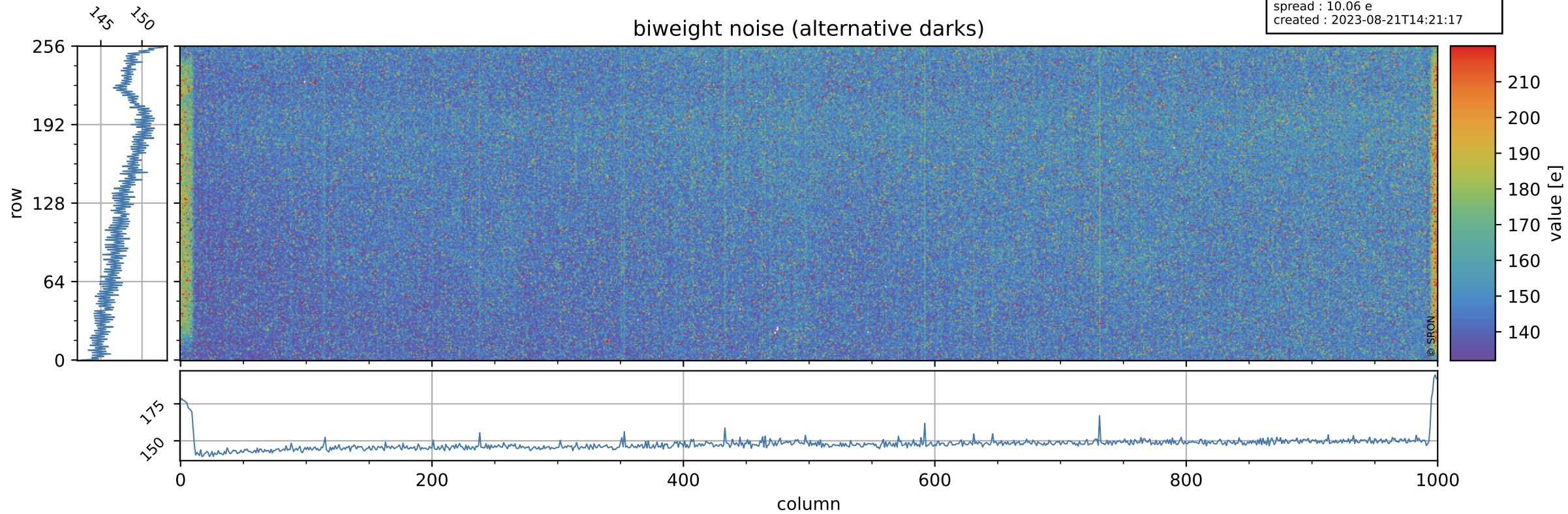
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
n_coad, t_exp : 1, 1.0783
median : 147.61 e
spread : 10.06 e
created : 2023-08-21T14:21:17

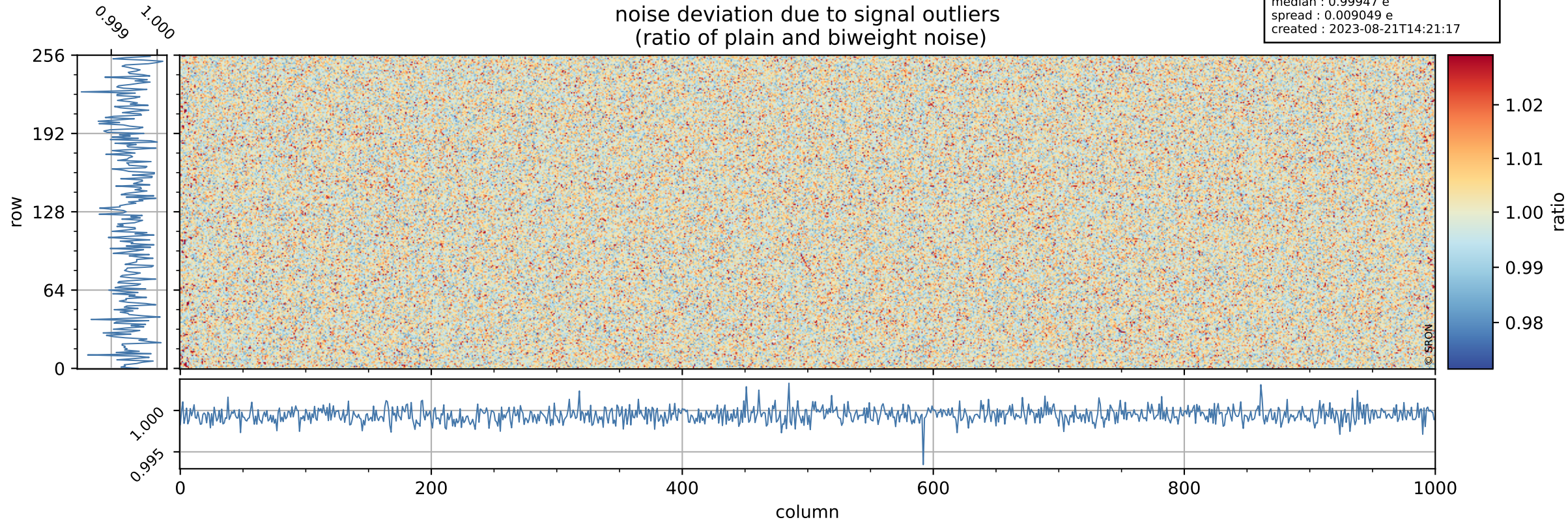
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

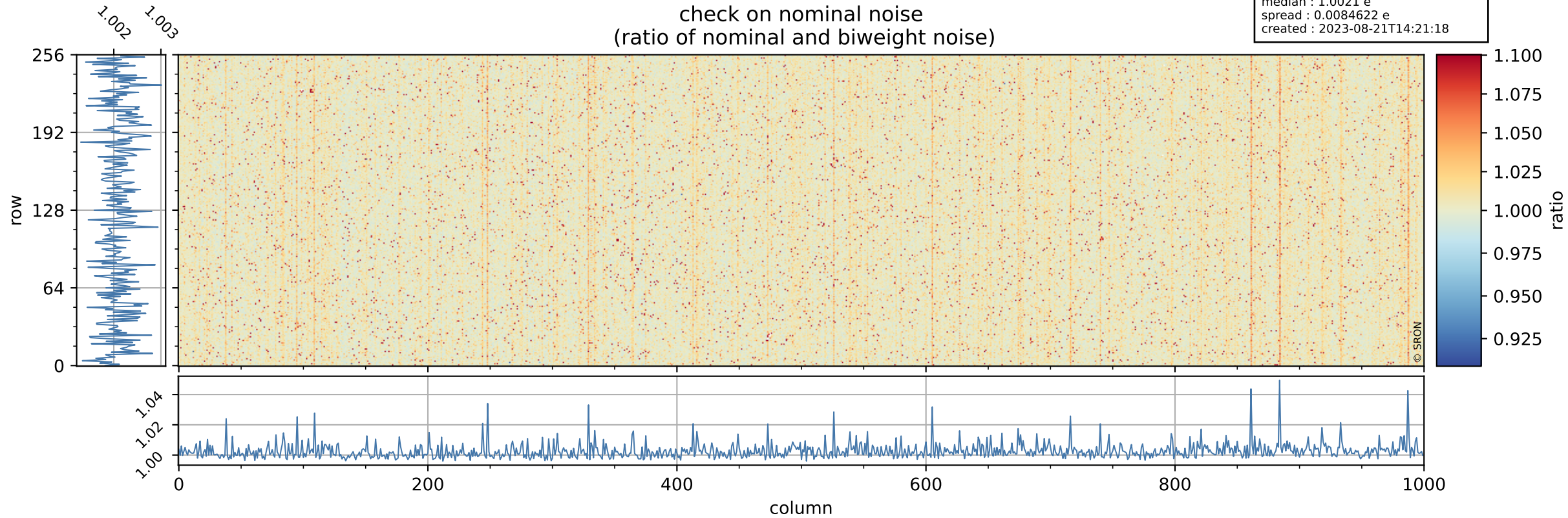
orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
median : 0.99947 e
spread : 0.009049 e
created : 2023-08-21T14:21:17



Tropomi SWIR background noise (swir)

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

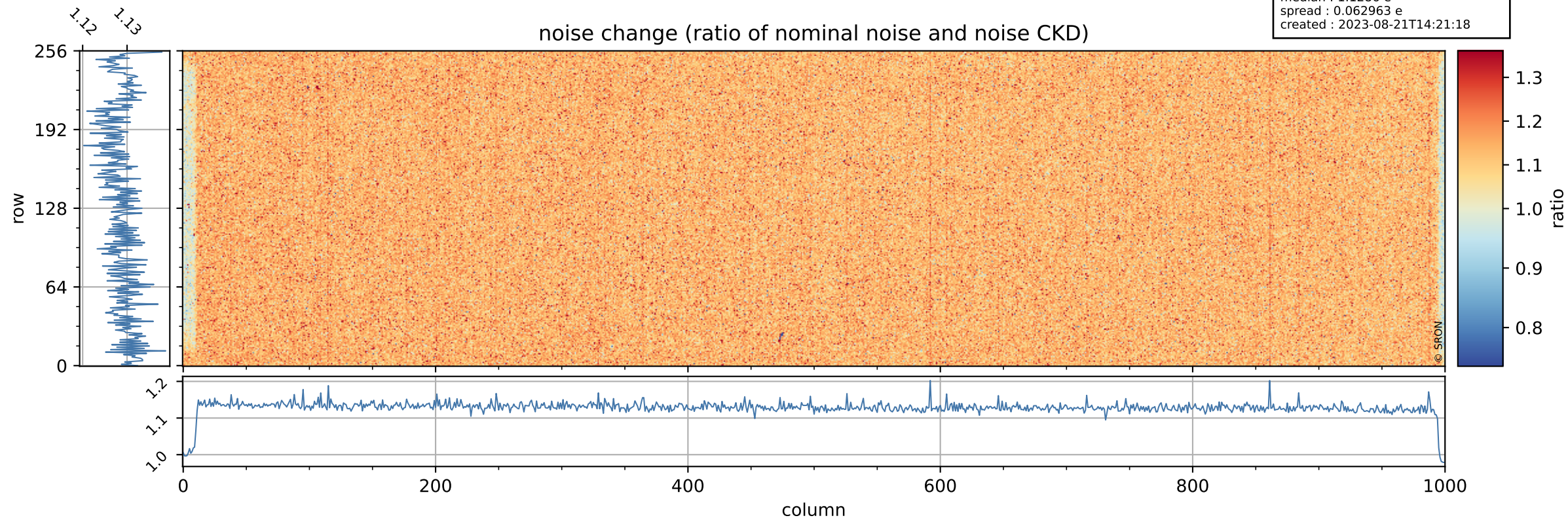
orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
median : 1.0021 e
spread : 0.0084622 e
created : 2023-08-21T14:21:18



Tropomi SWIR background noise (swir)

orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
median : 1.1286 e
spread : 0.062963 e
created : 2023-08-21T14:21:18

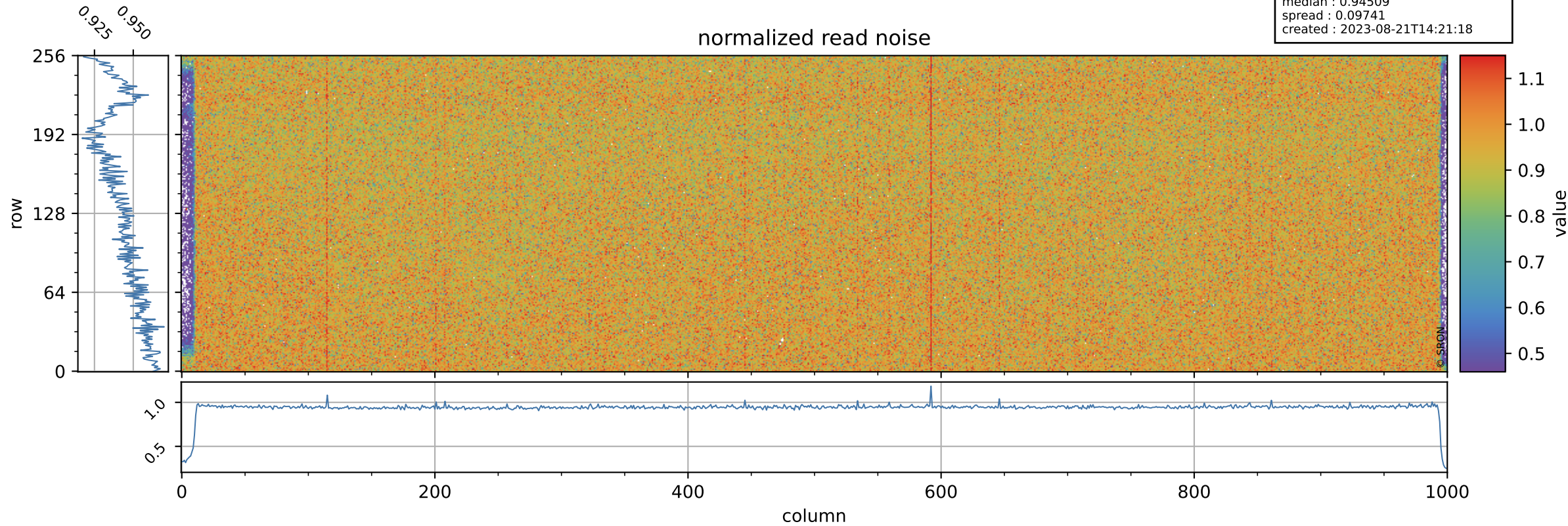
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

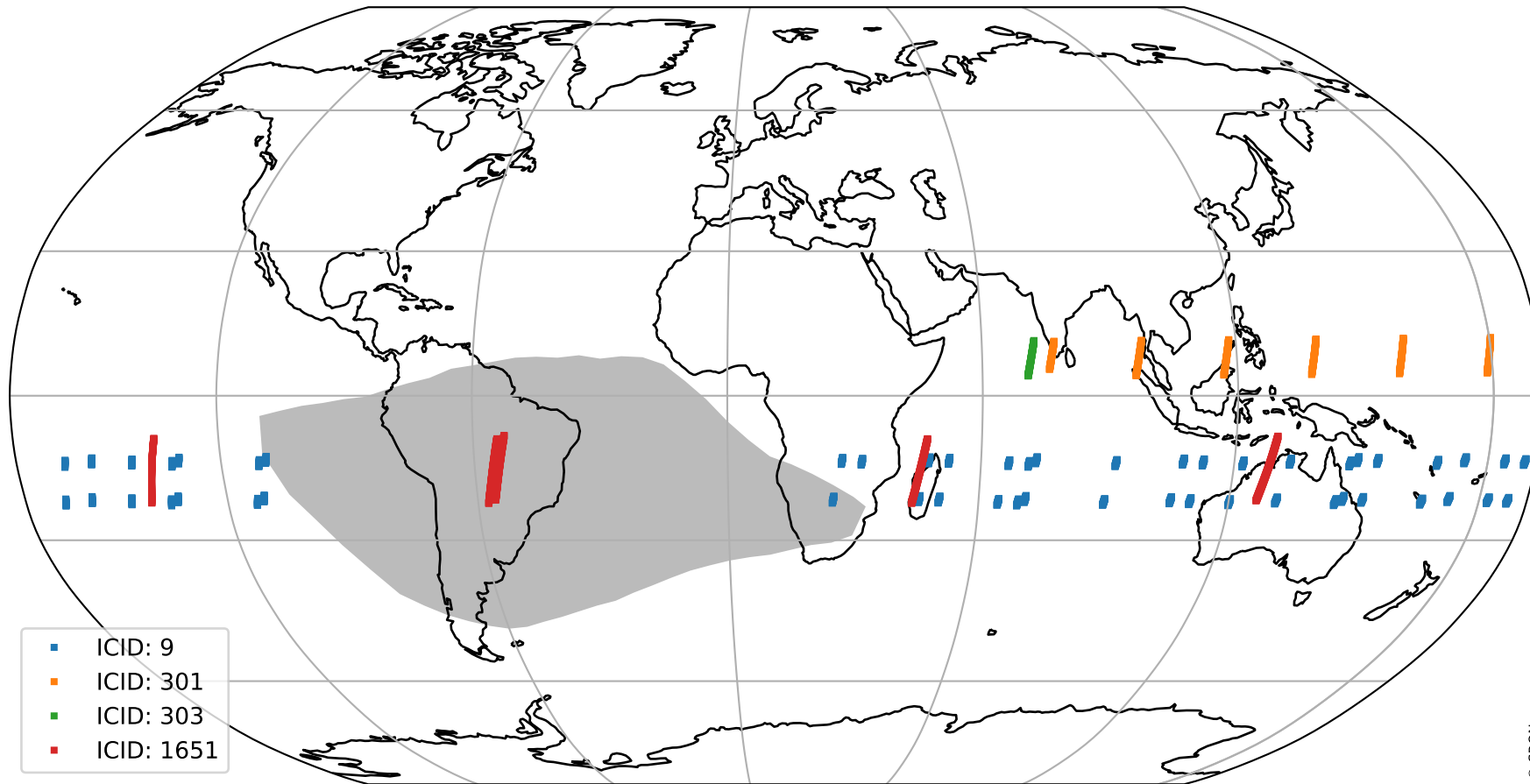
orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
median : 0.94509
spread : 0.09741
created : 2023-08-21T14:21:18

normalized read noise



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

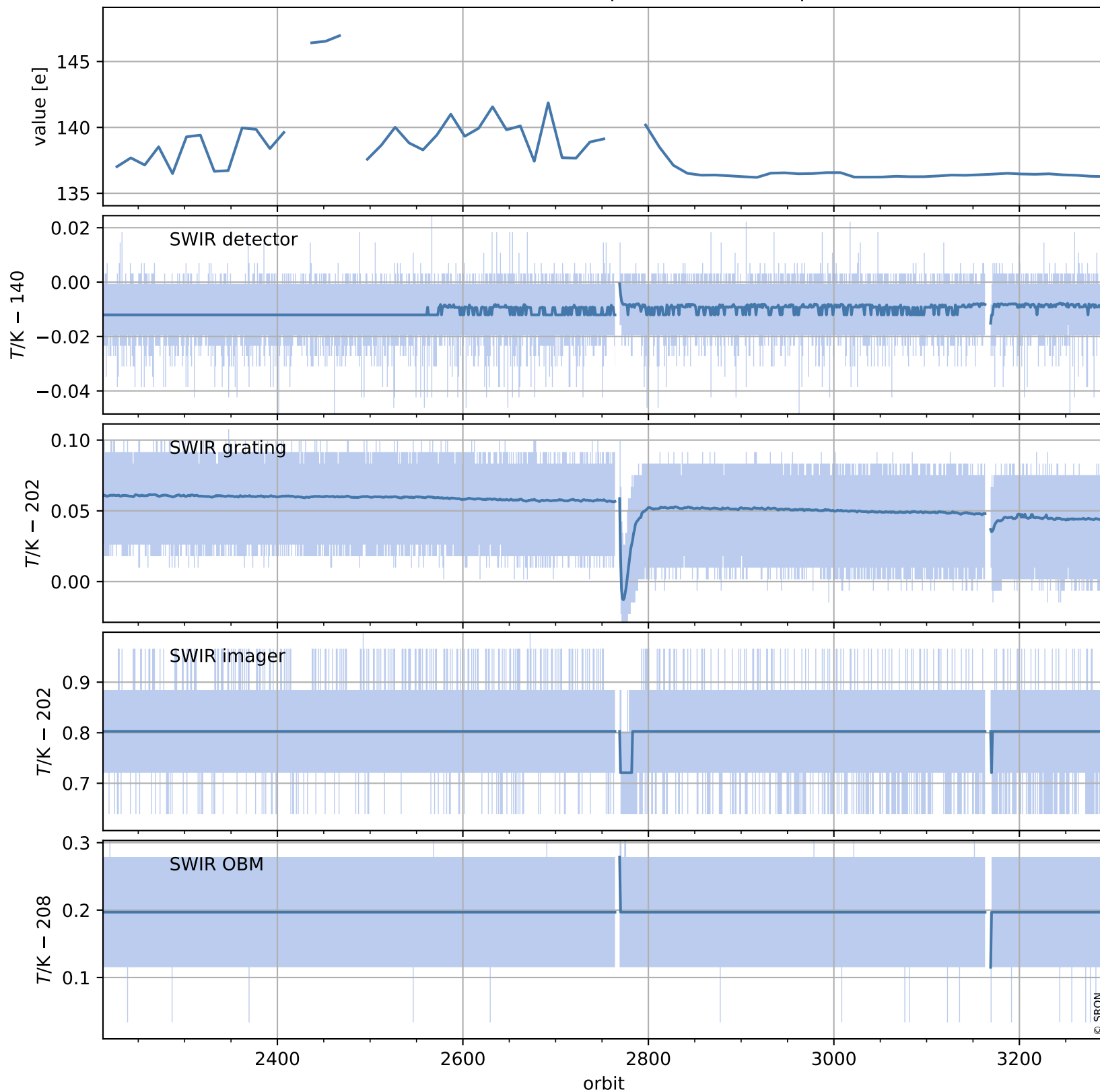
orbits : 12 in [3202, 3292]
coverage : 2018-05-27 / 2018-06-02
created : 2023-08-21T14:21:18



Tropomi SWIR background noise (swir)

orbits : [2212, 3292]
coverage : 2018-03-18 / 2018-06-02
created : 2023-08-21T14:21:19

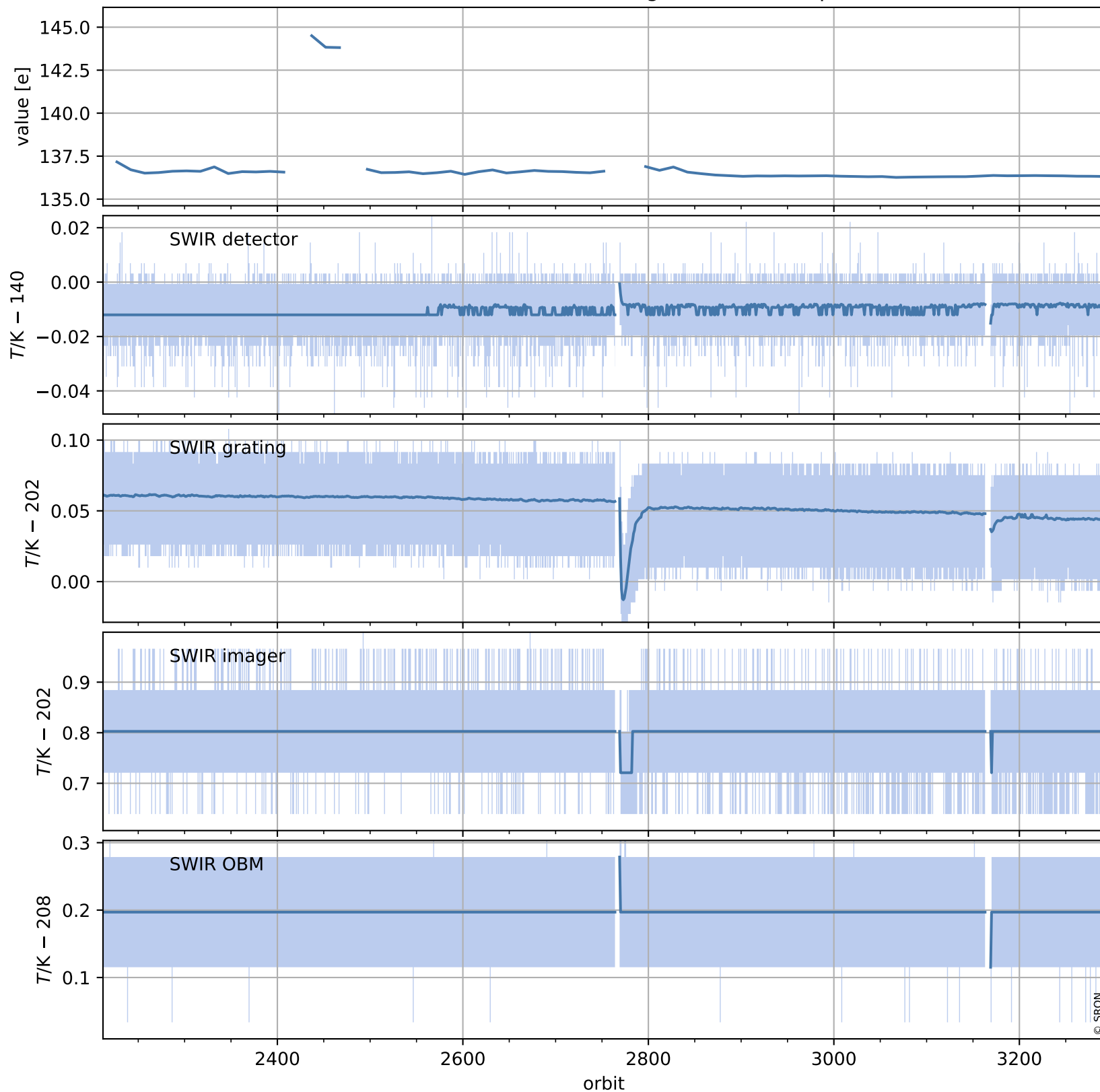
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3292]
coverage : 2018-03-18 / 2018-06-02
created : 2023-08-21T14:21:19

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3292]
coverage : 2018-03-18 / 2018-06-02
created : 2023-08-21T14:21:19

trend of normalized read-noise & temperatures

