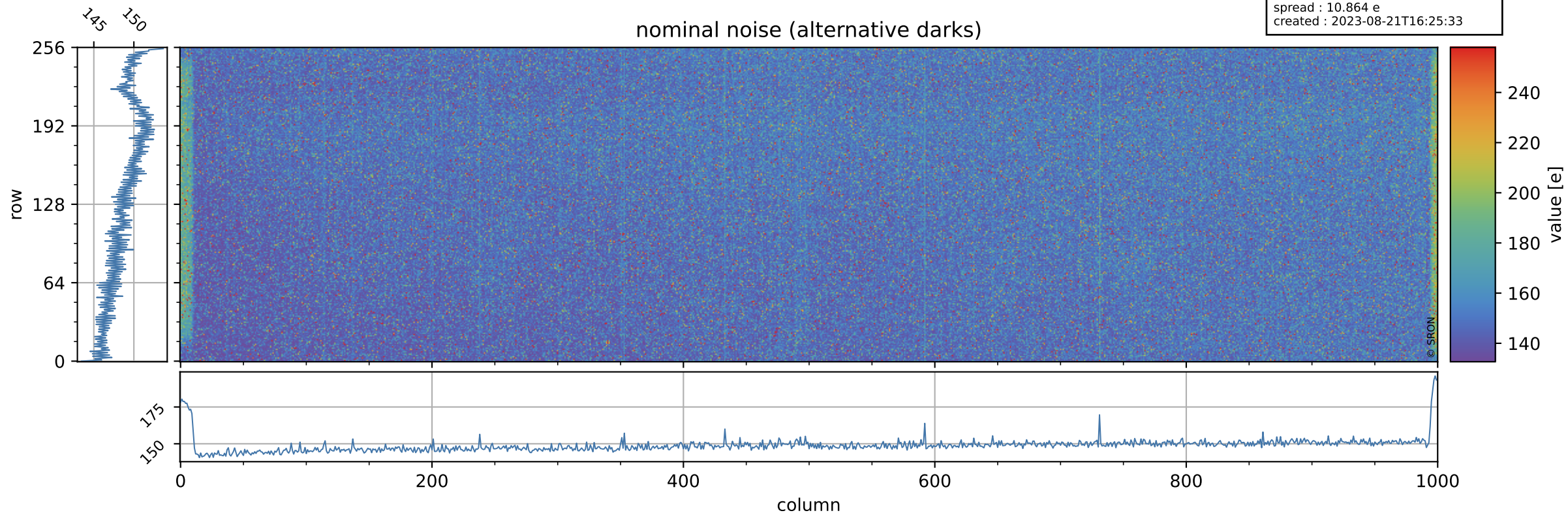


Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
n_coad, t_exp : 1, 1.0783
median : 148.69 e
spread : 10.864 e
created : 2023-08-21T16:25:33

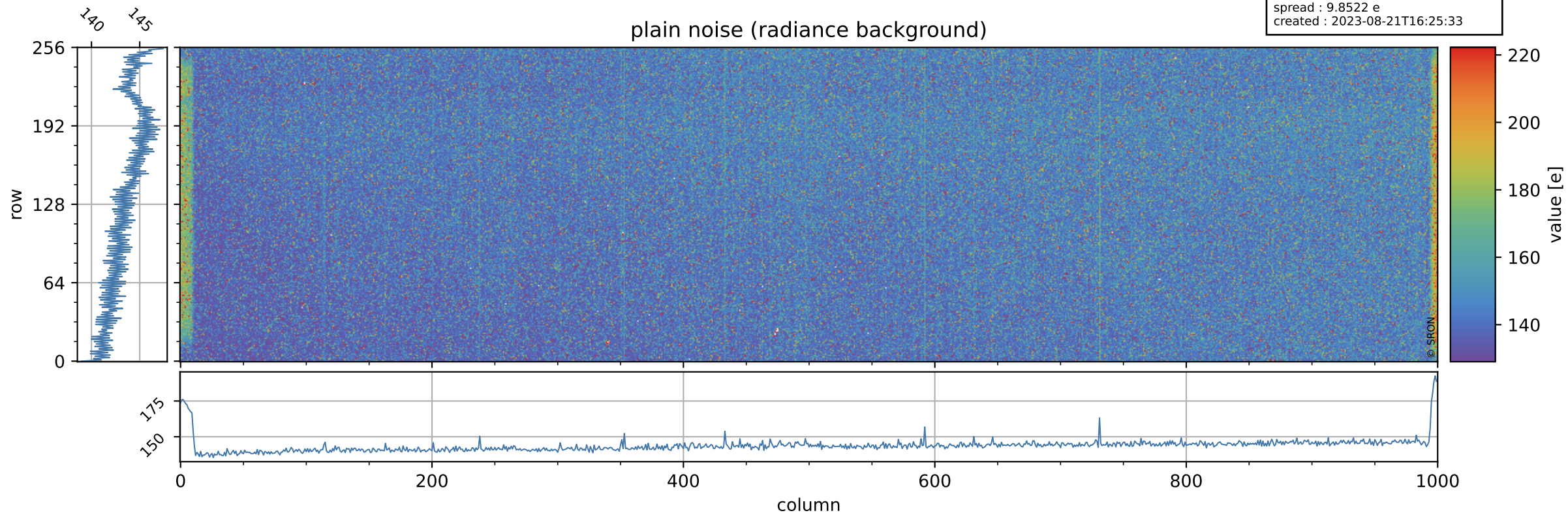
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.8522 e
created : 2023-08-21T16:25:33

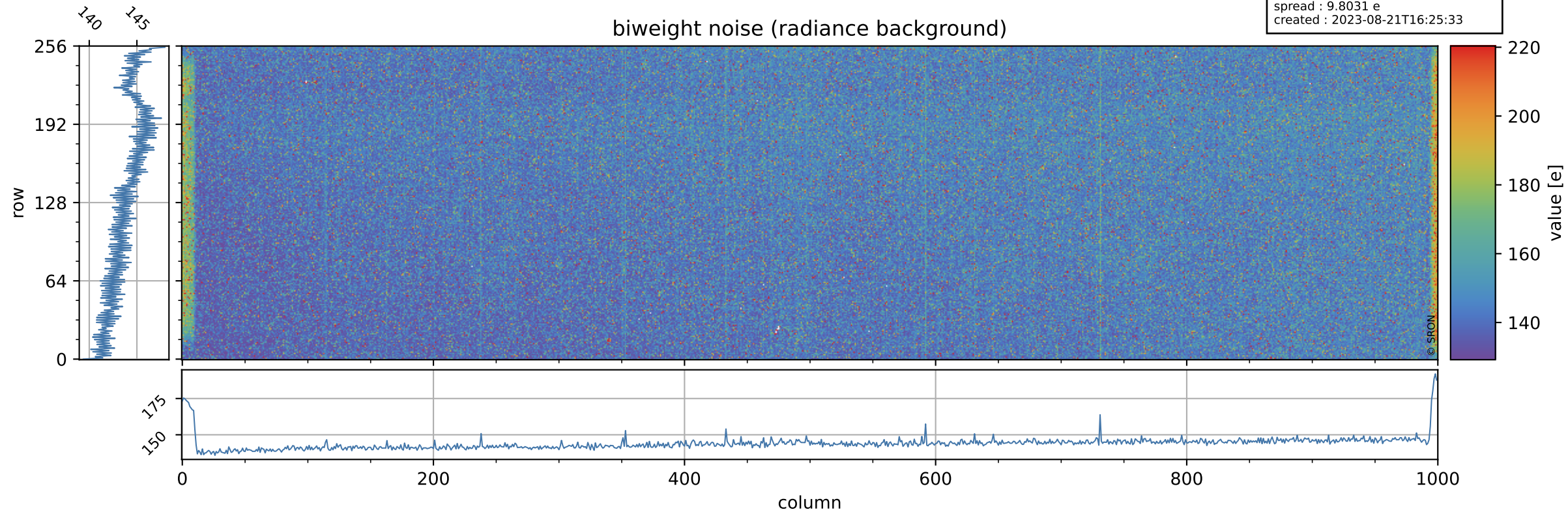
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
n_coad, t_exp : 1, 0.8383
median : 143.81 e
spread : 9.8031 e
created : 2023-08-21T16:25:33

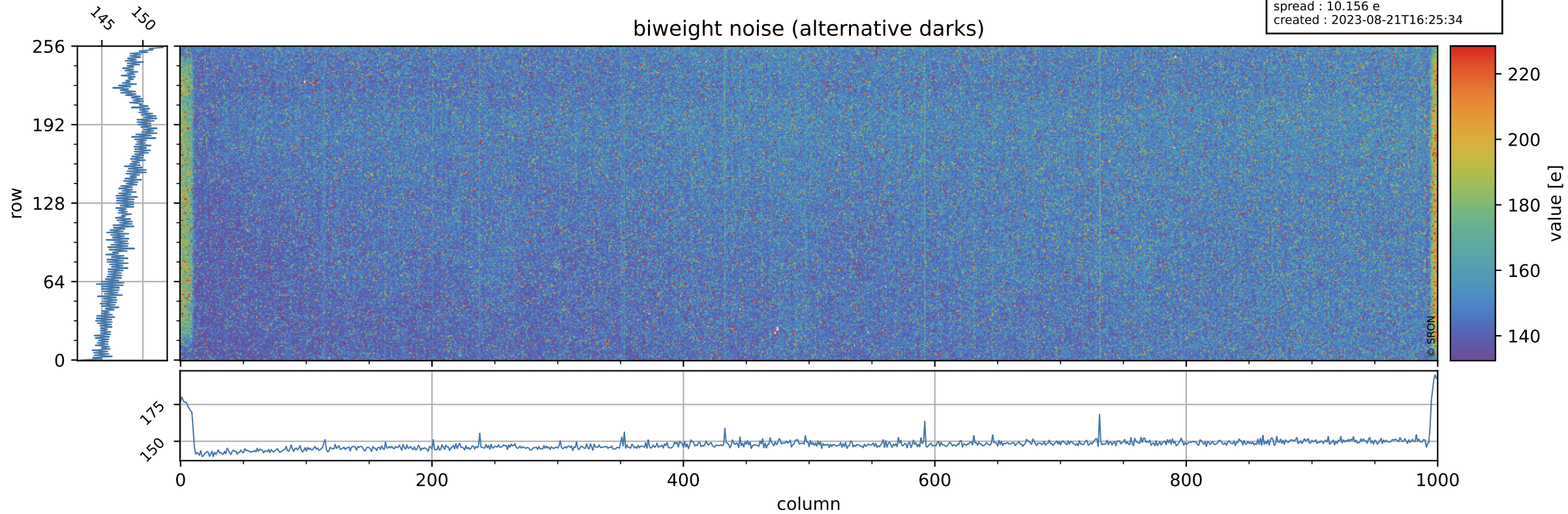
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.156 e
created : 2023-08-21T16:25:34

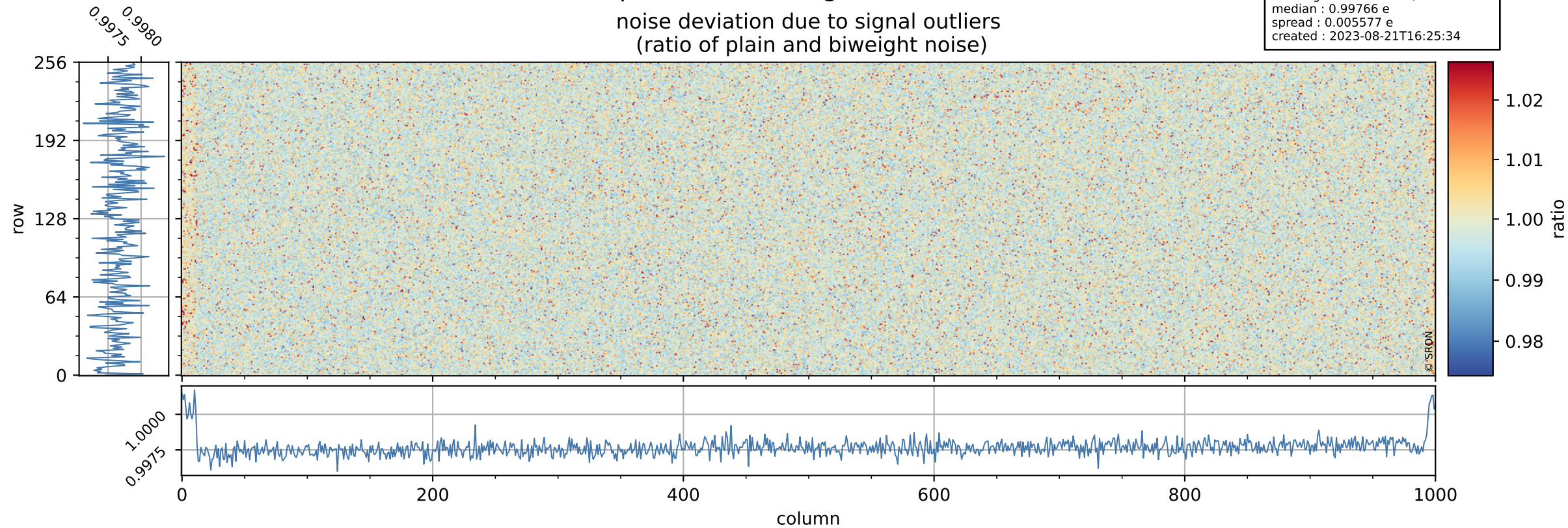
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

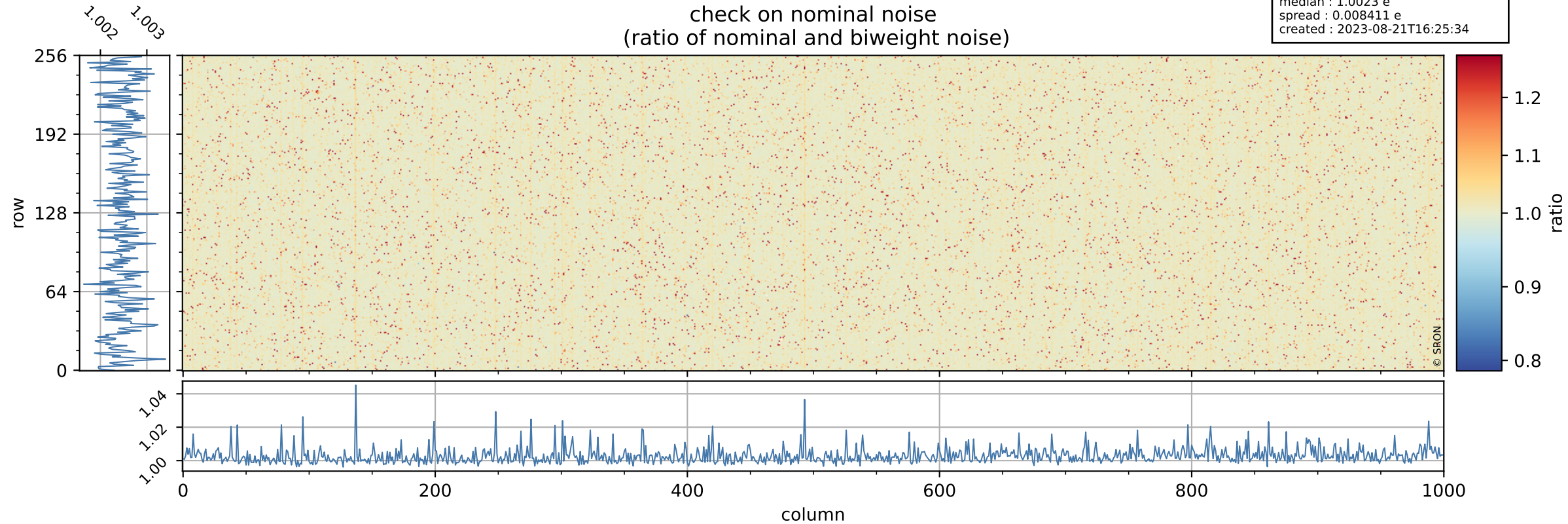
orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
median : 0.99766 e
spread : 0.005577 e
created : 2023-08-21T16:25:34



Tropomi SWIR background noise (swir)

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

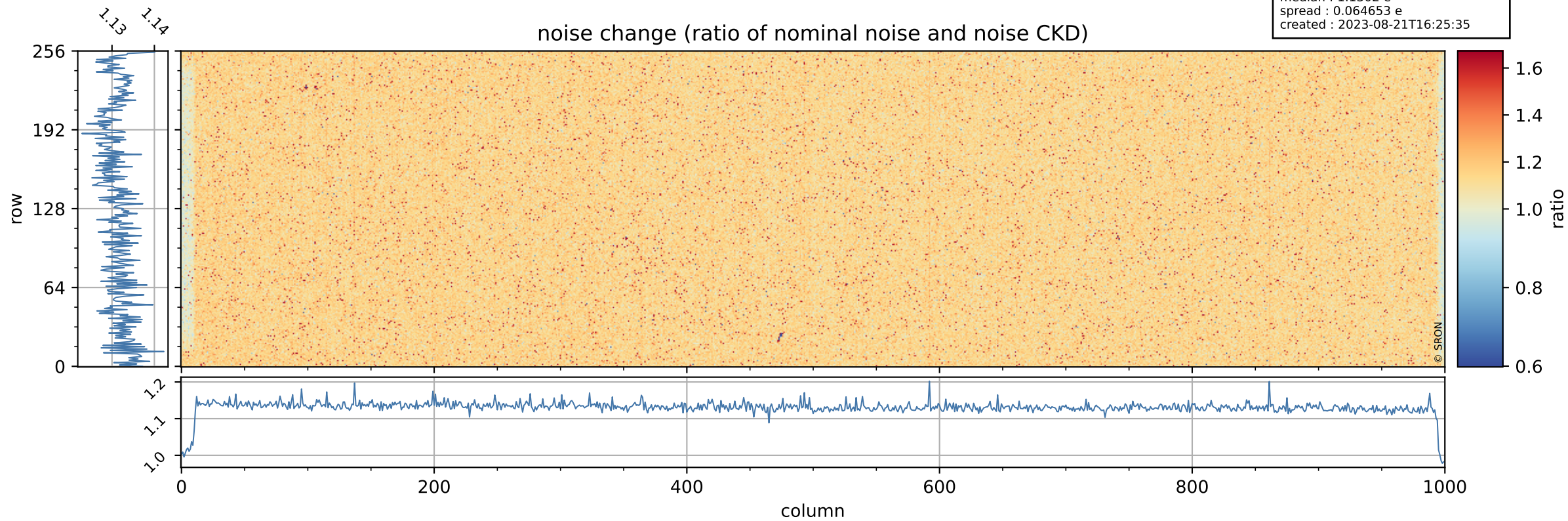
orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
median : 1.0023 e
spread : 0.008411 e
created : 2023-08-21T16:25:34



Tropomi SWIR background noise (swir)

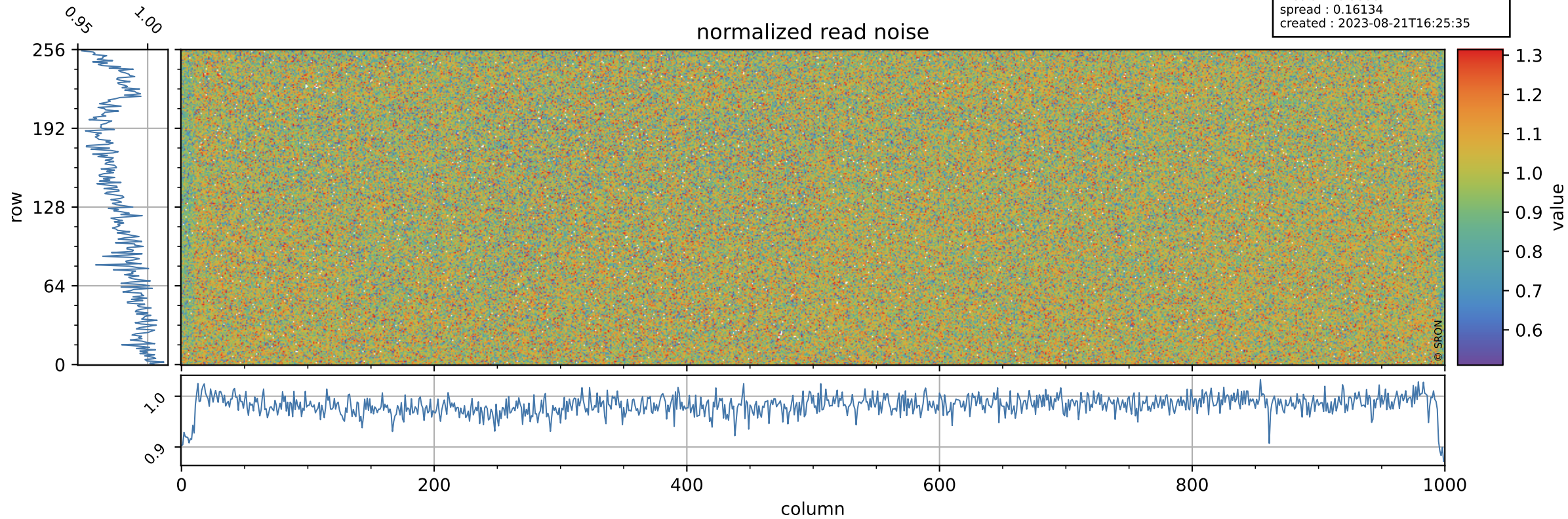
orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
median : 1.1302 e
spread : 0.064653 e
created : 2023-08-21T16:25:35

noise change (ratio of nominal noise and noise CKD)



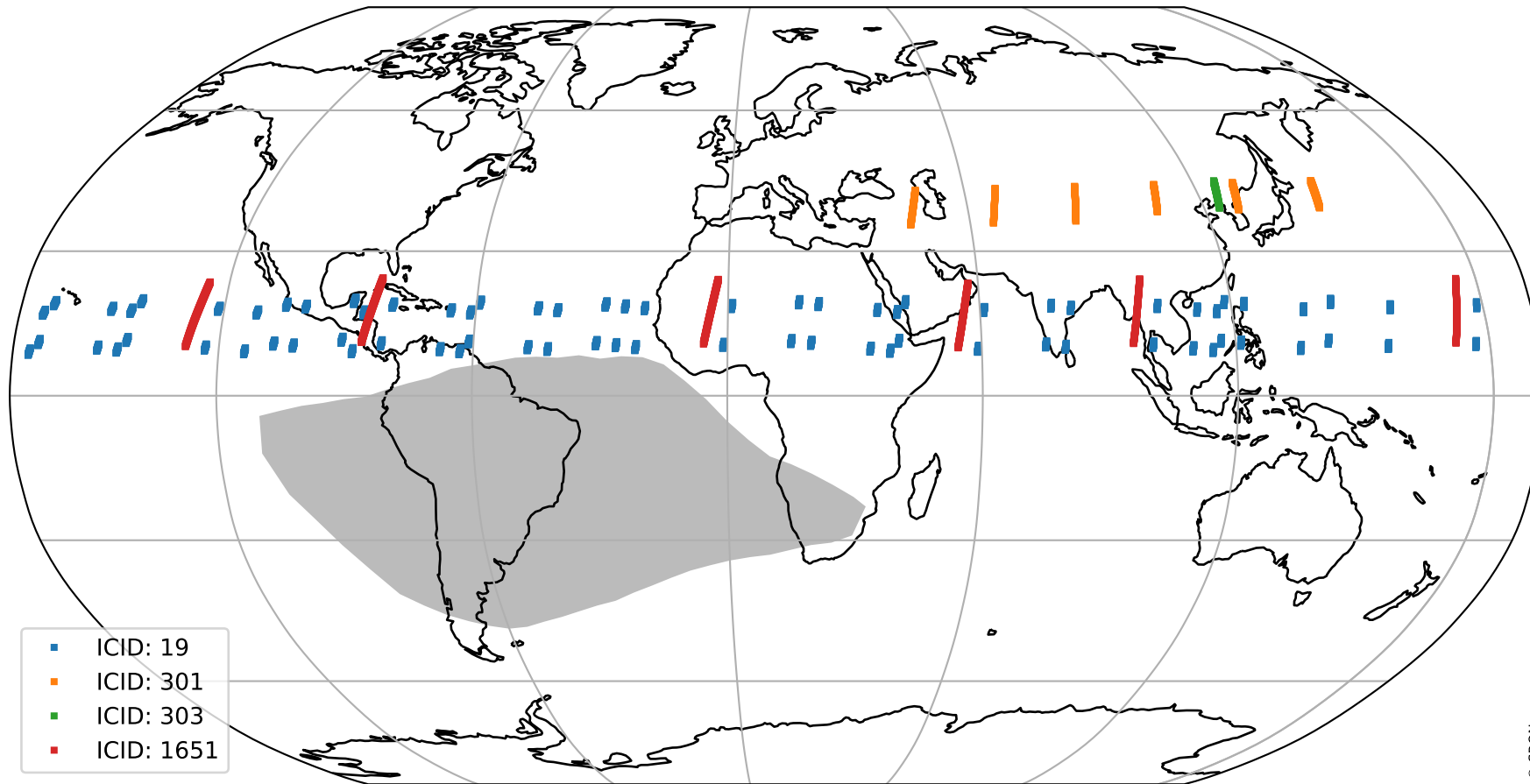
Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
median : 0.98067
spread : 0.16134
created : 2023-08-21T16:25:35



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

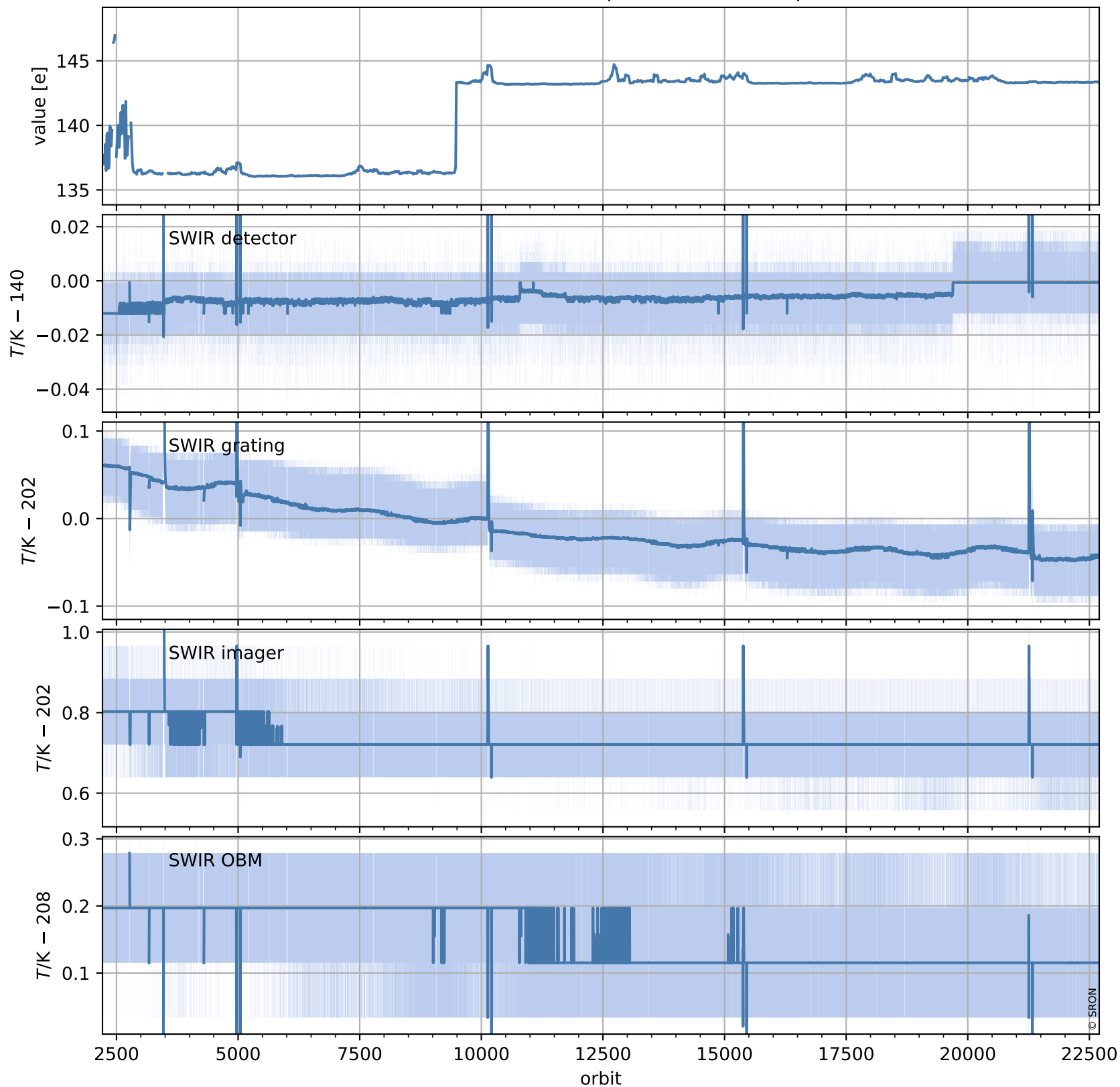
orbits : 13 in [22627, 22702]
coverage : 2022-02-23 / 2022-02-28
created : 2023-08-21T16:25:35



Tropomi SWIR background noise (swir)

orbits : [2212, 22702]
coverage : 2018-03-18 / 2022-02-28
created : 2023-08-21T16:25:36

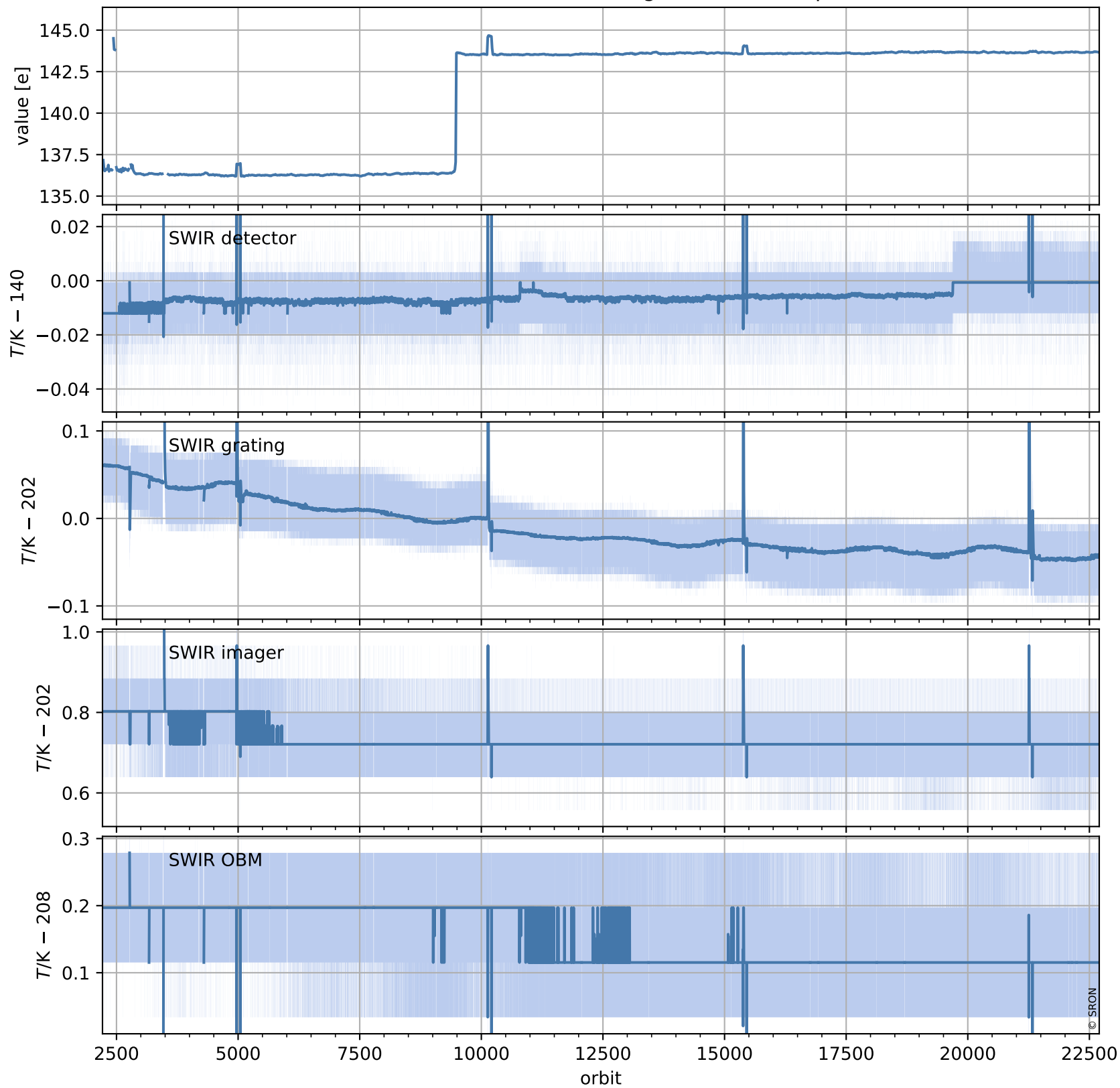
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22702]
coverage : 2018-03-18 / 2022-02-28
created : 2023-08-21T16:25:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22702]
coverage : 2018-03-18 / 2022-02-28
created : 2023-08-21T16:25:37

trend of normalized read-noise & temperatures

