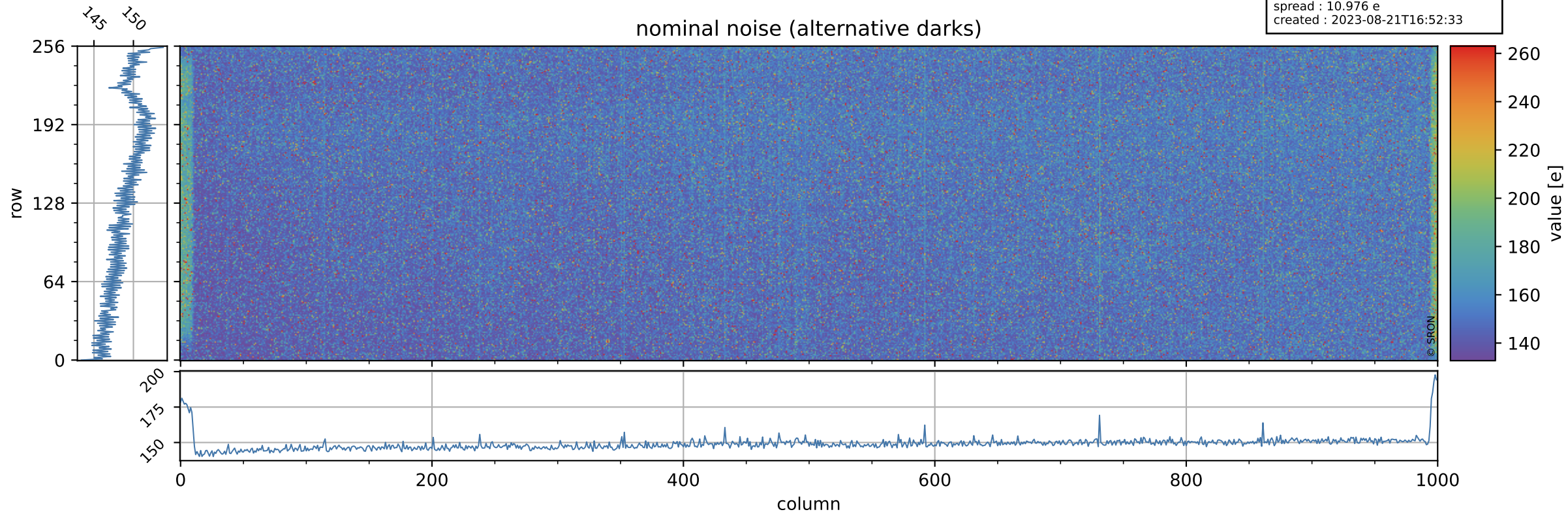


Tropomi SWIR background noise (swir)

orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 10.976 e
created : 2023-08-21T16:52:33

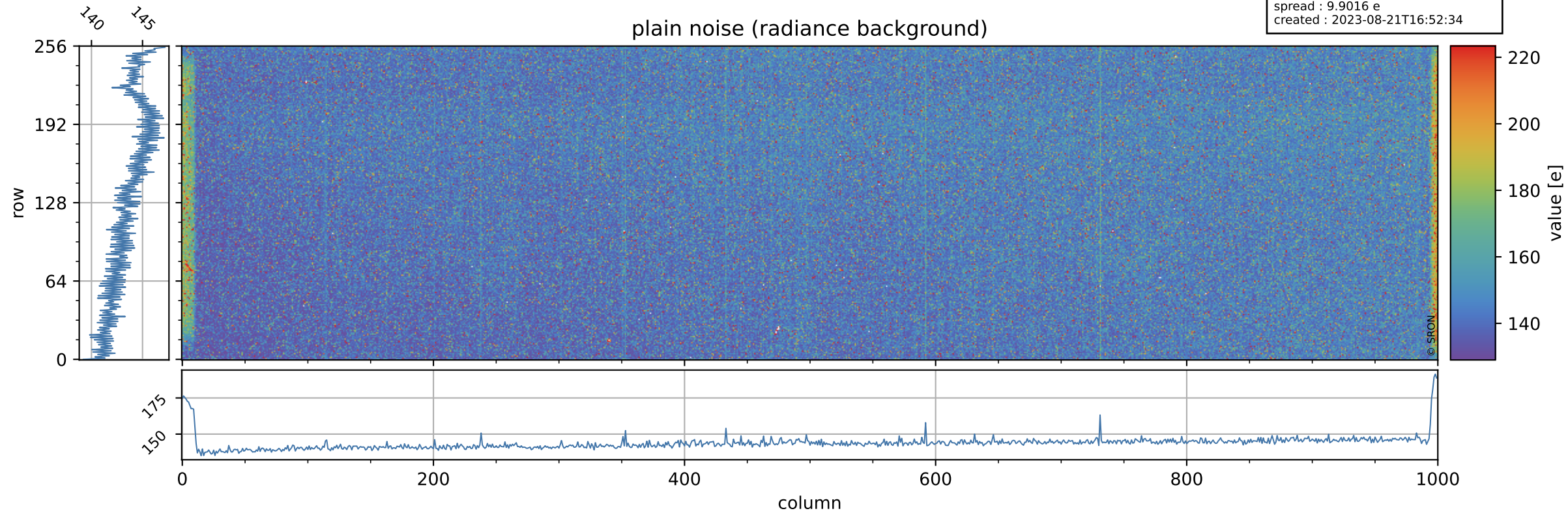
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9016 e
created : 2023-08-21T16:52:34

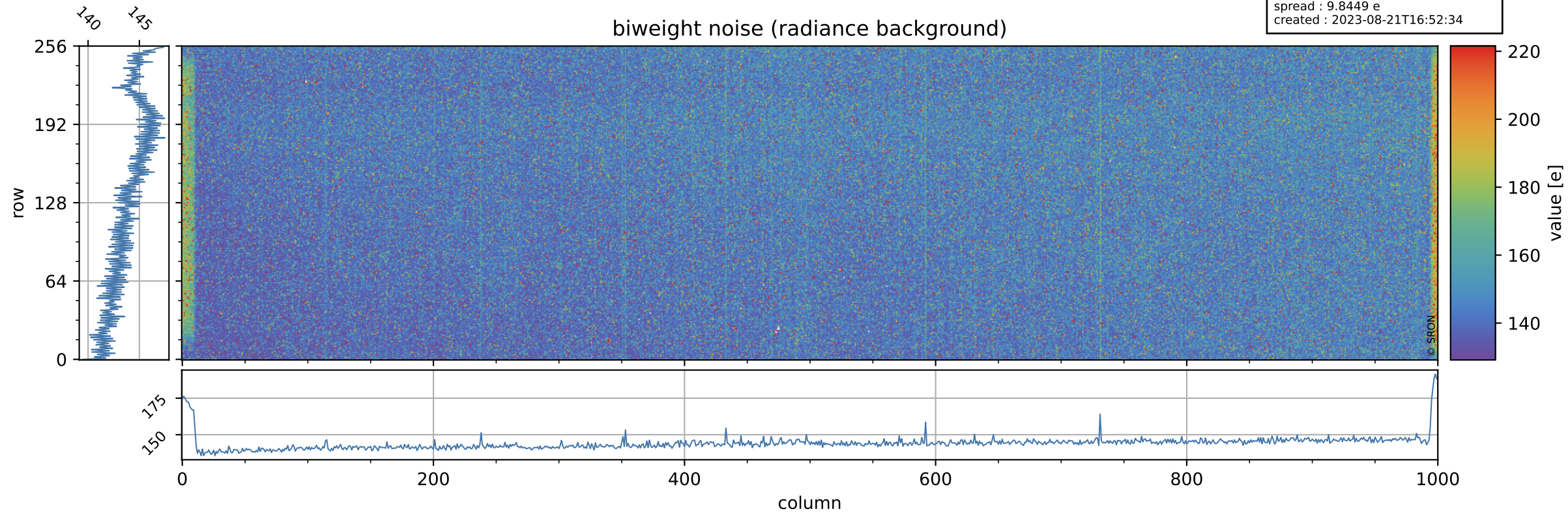
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8449 e
created : 2023-08-21T16:52:34

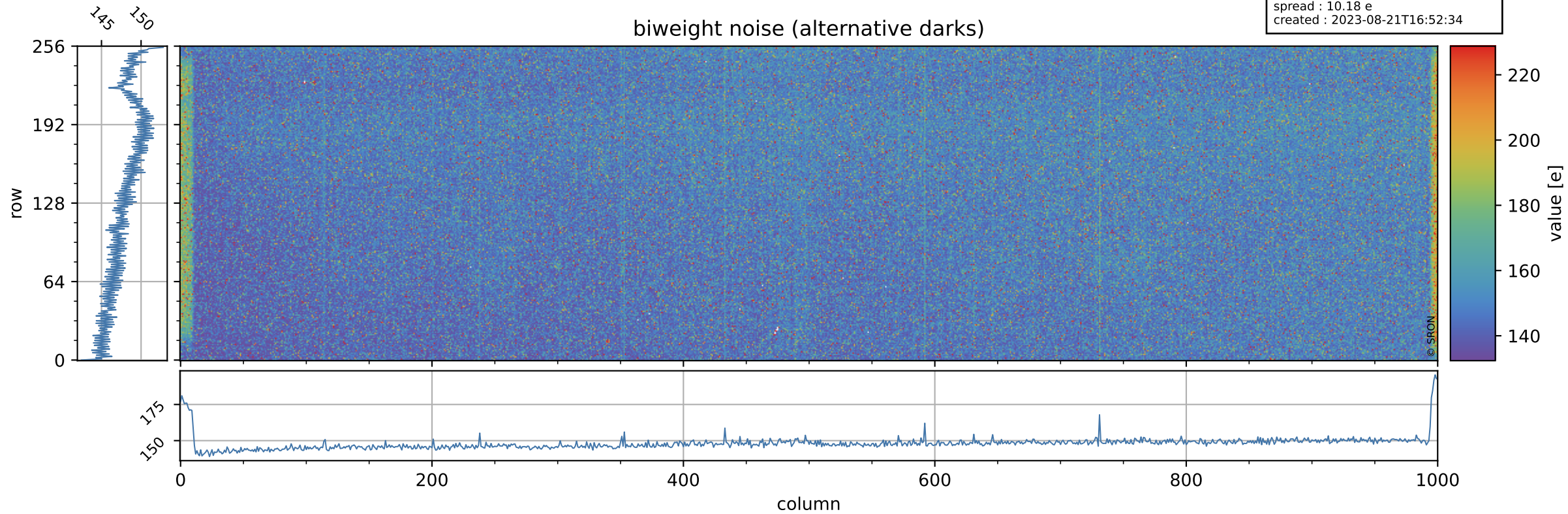
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.18 e
created : 2023-08-21T16:52:34

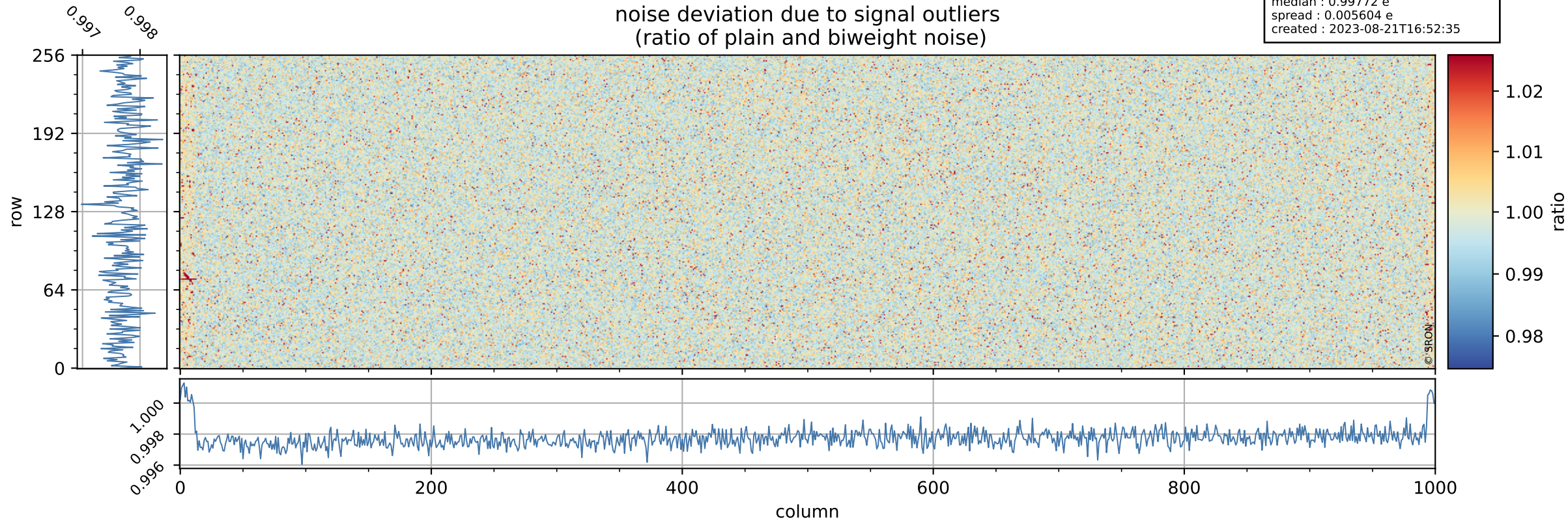
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

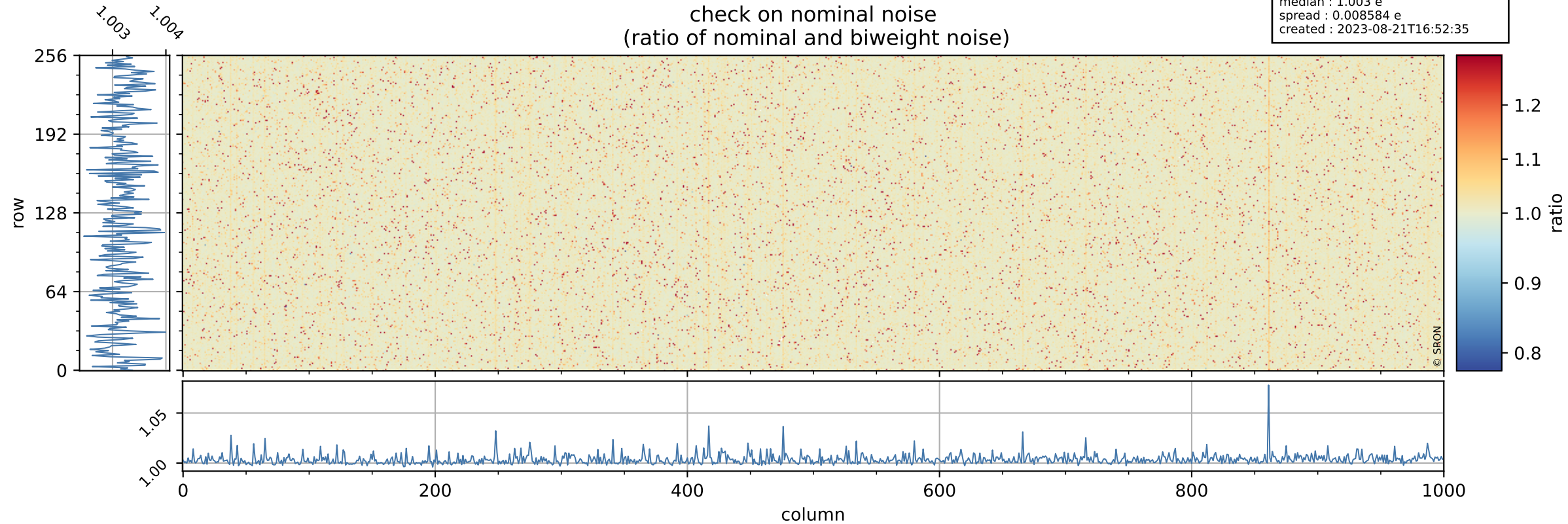
orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
median : 0.99772 e
spread : 0.005604 e
created : 2023-08-21T16:52:35



Tropomi SWIR background noise (swir)

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

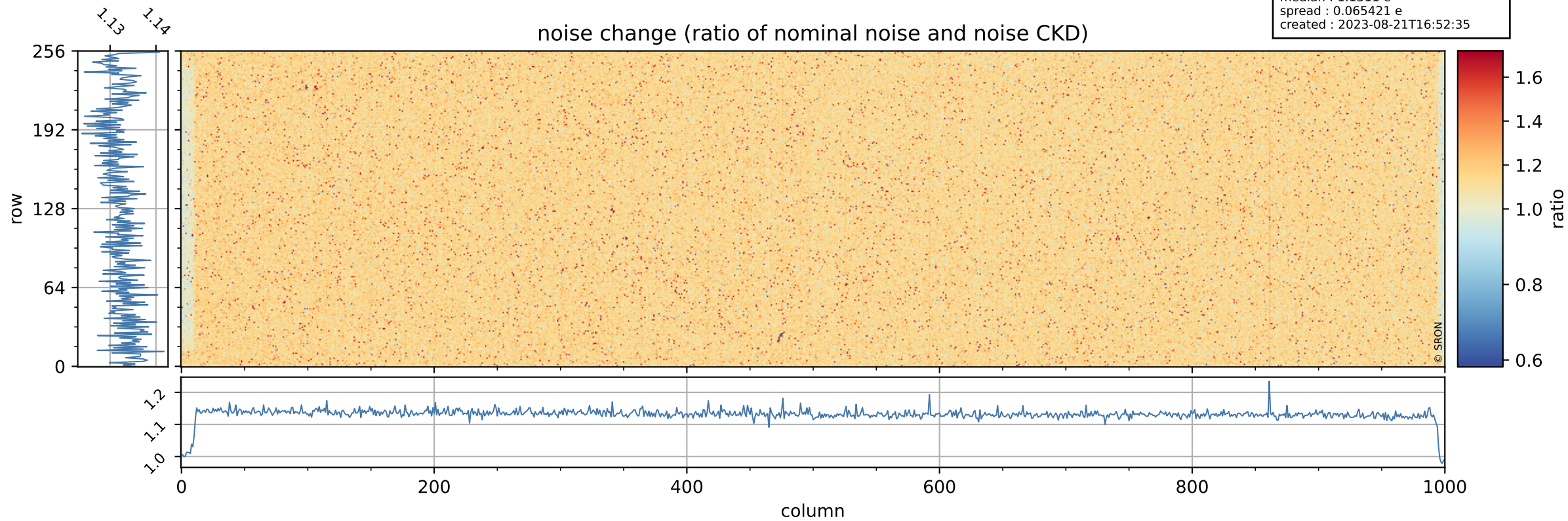
orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
median : 1.003 e
spread : 0.008584 e
created : 2023-08-21T16:52:35



Tropomi SWIR background noise (swir)

orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
median : 1.1311 e
spread : 0.065421 e
created : 2023-08-21T16:52:35

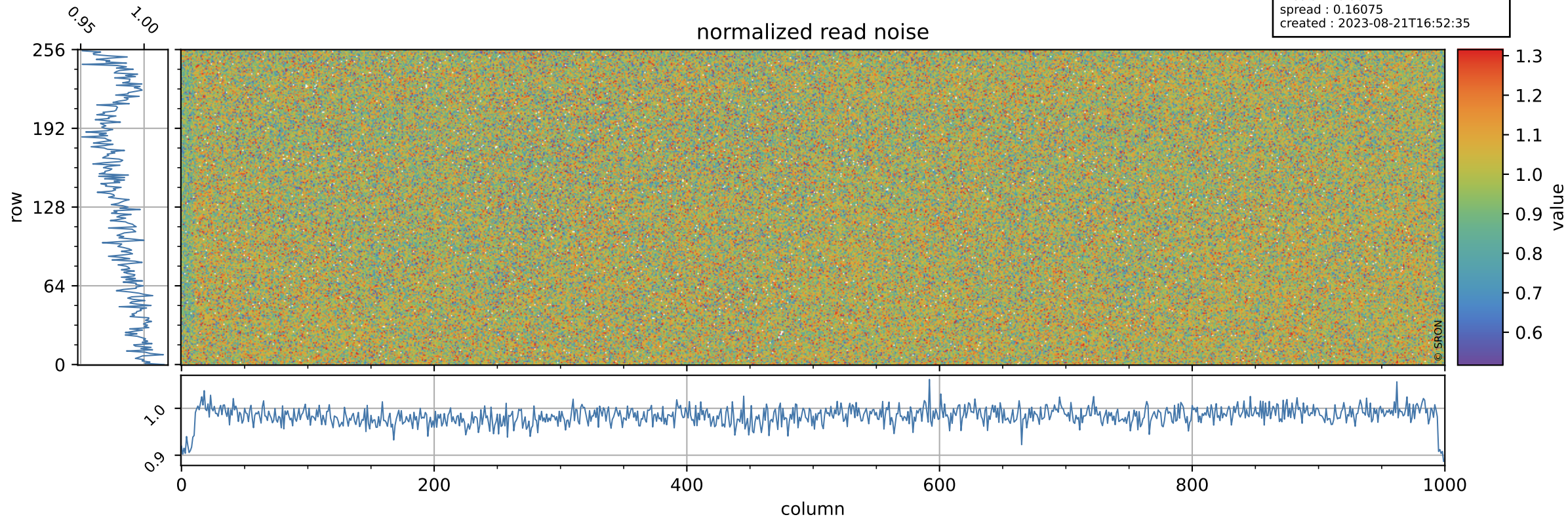
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

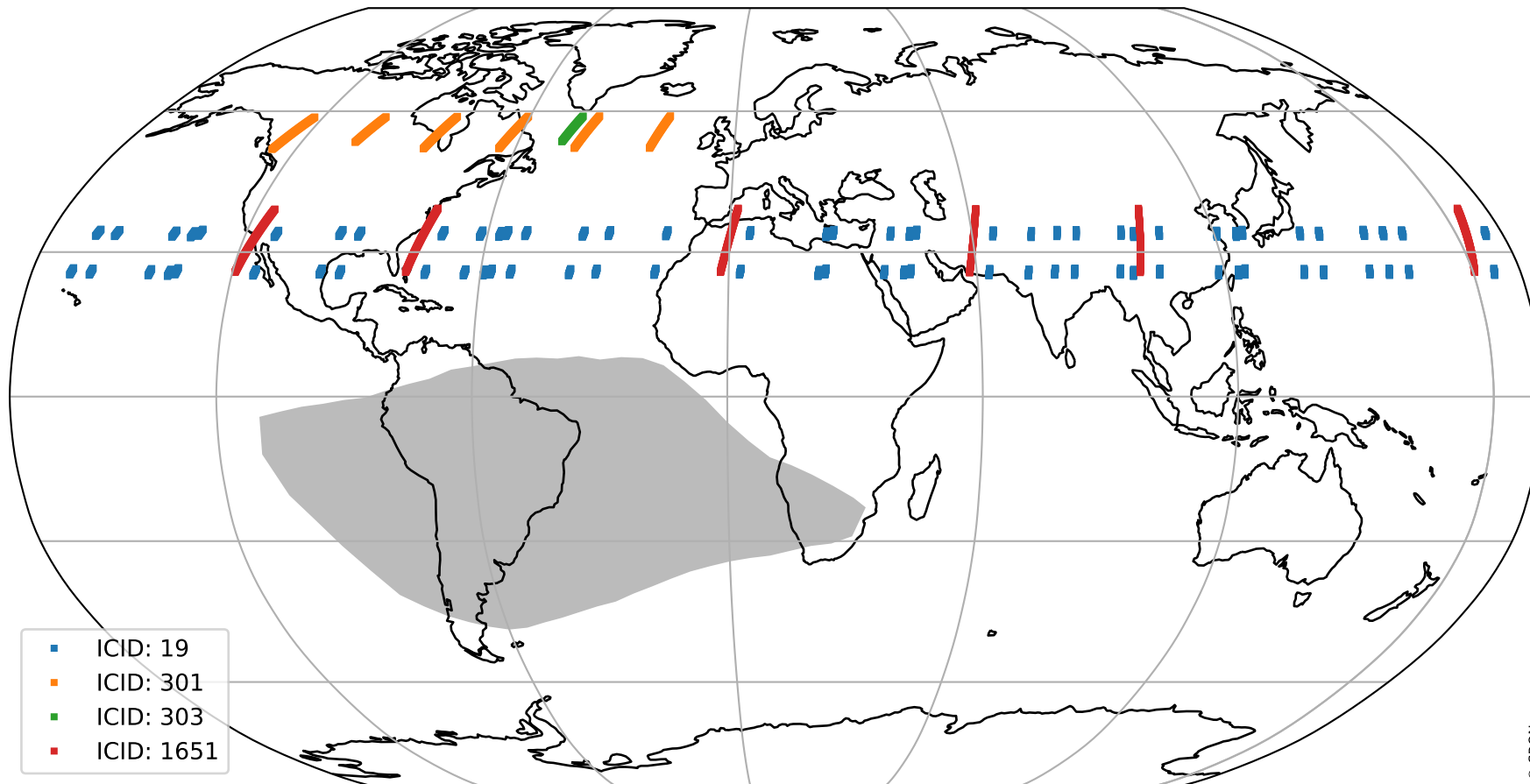
orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
median : 0.9822
spread : 0.16075
created : 2023-08-21T16:52:35

normalized read noise



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

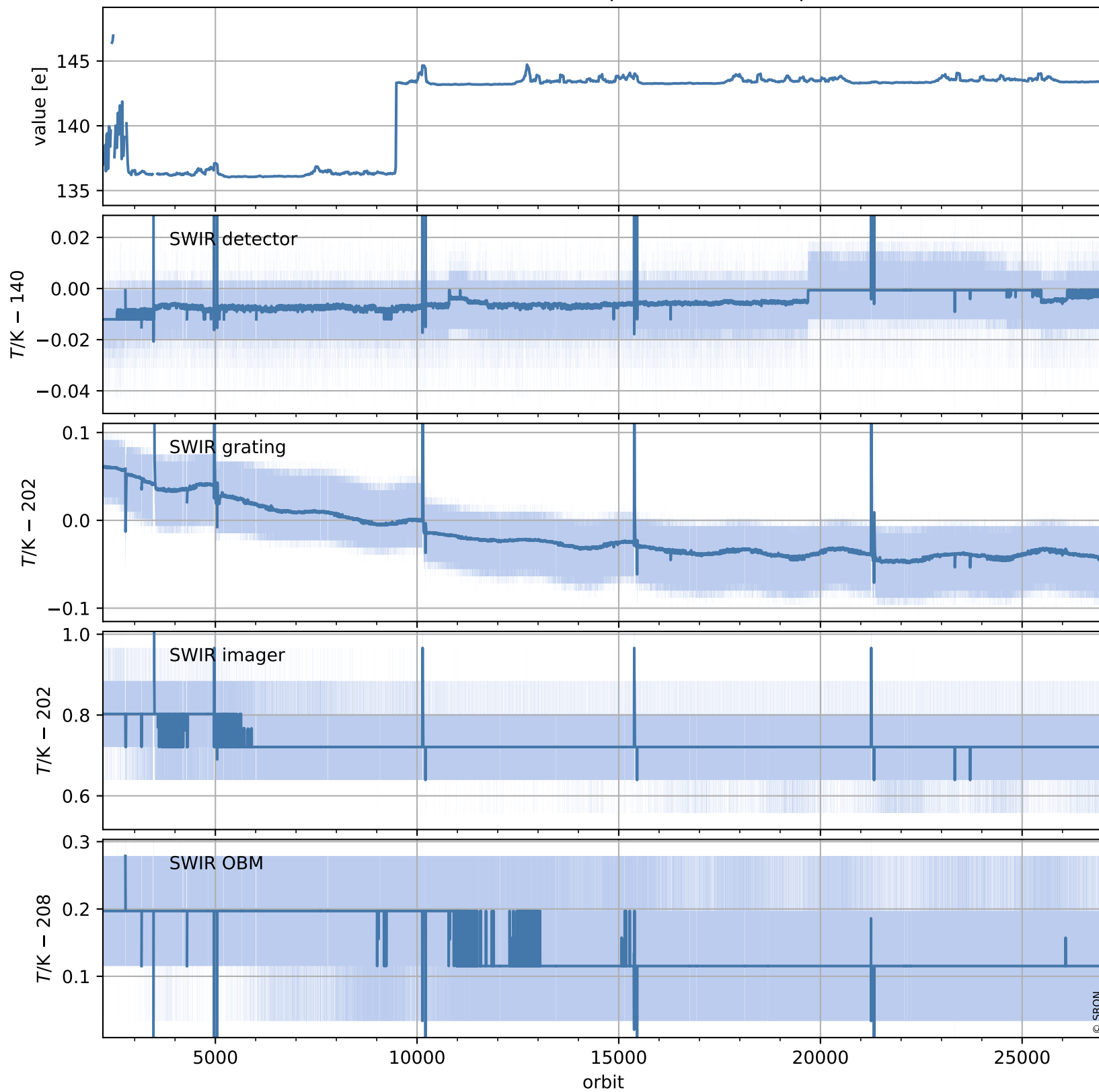
orbits : 13 in [26947, 27022]
coverage : 2022-12-25 / 2022-12-30
created : 2023-08-21T16:52:36



Tropomi SWIR background noise (swir)

orbits : [2212, 27022]
coverage : 2018-03-18 / 2022-12-30
created : 2023-08-21T16:52:36

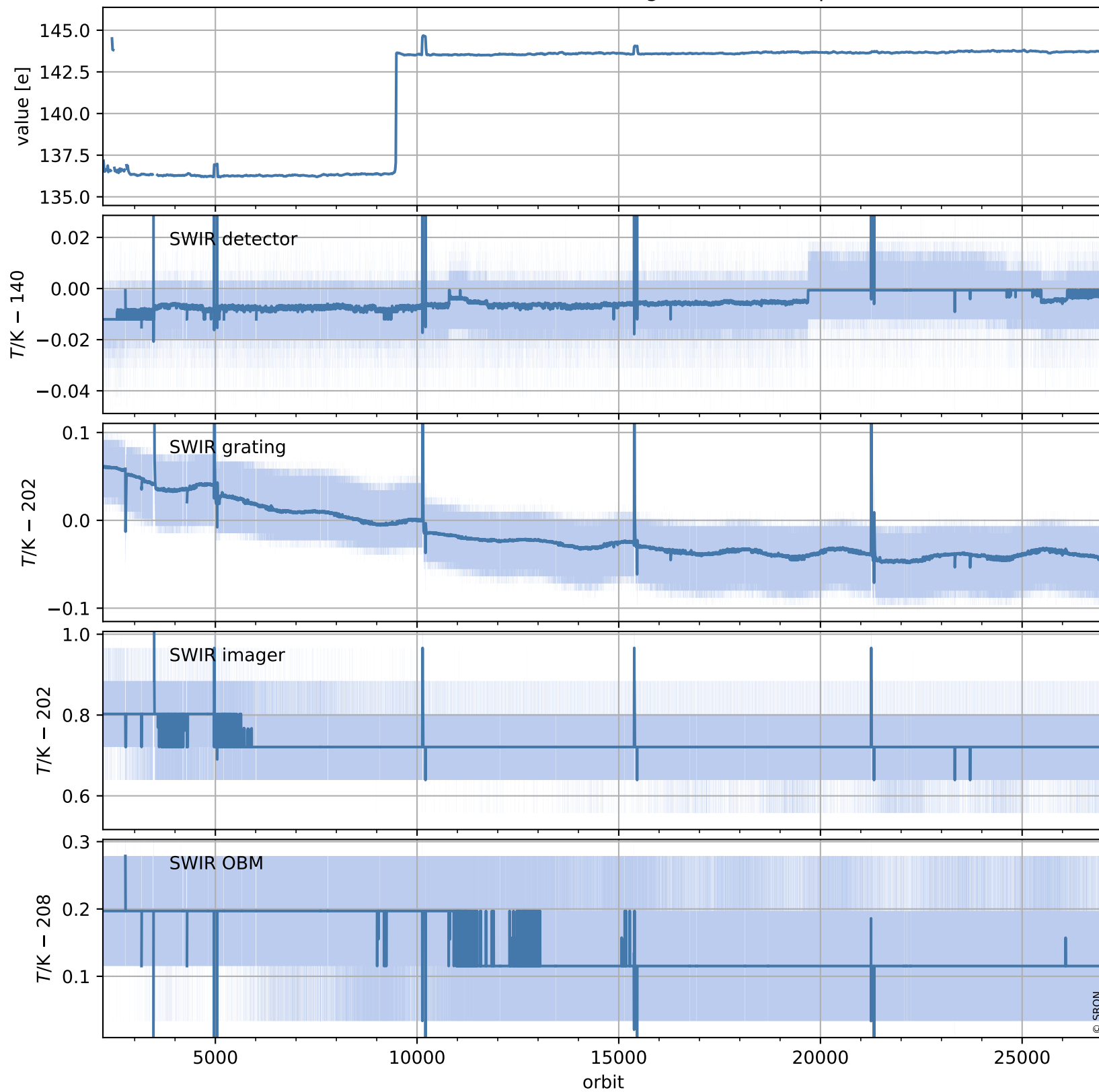
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 27022]
coverage : 2018-03-18 / 2022-12-30
created : 2023-08-21T16:52:37

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 27022]
coverage : 2018-03-18 / 2022-12-30
created : 2023-08-21T16:52:38

trend of normalized read-noise & temperatures

