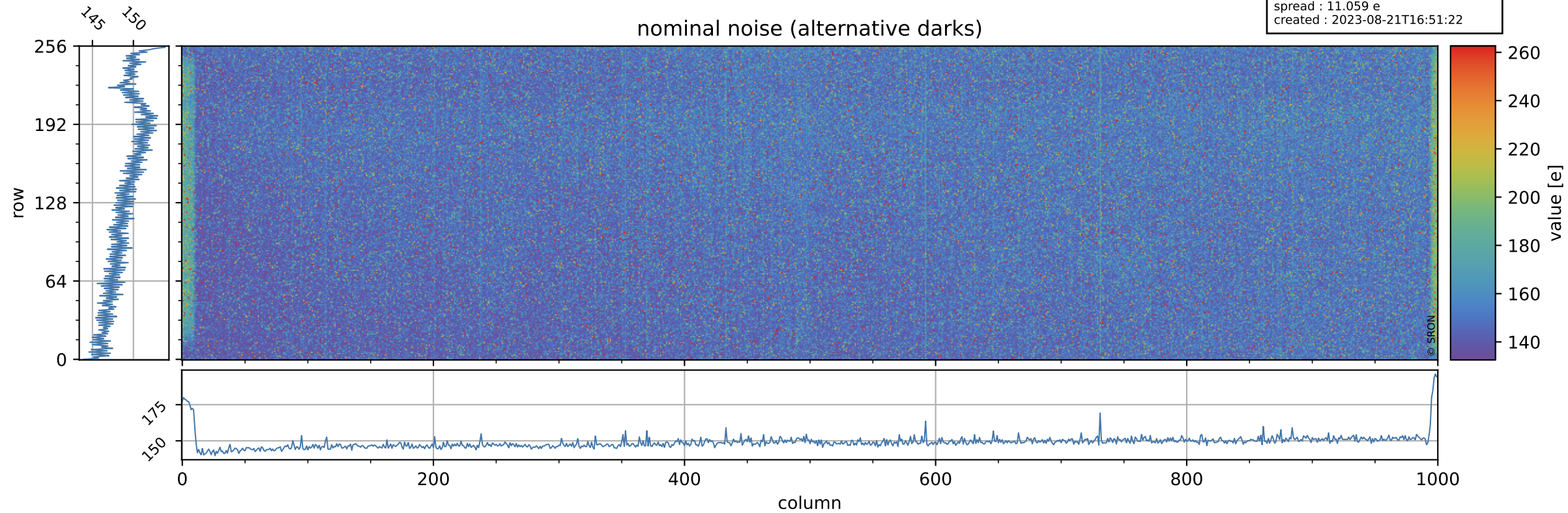


Tropomi SWIR background noise (swir)

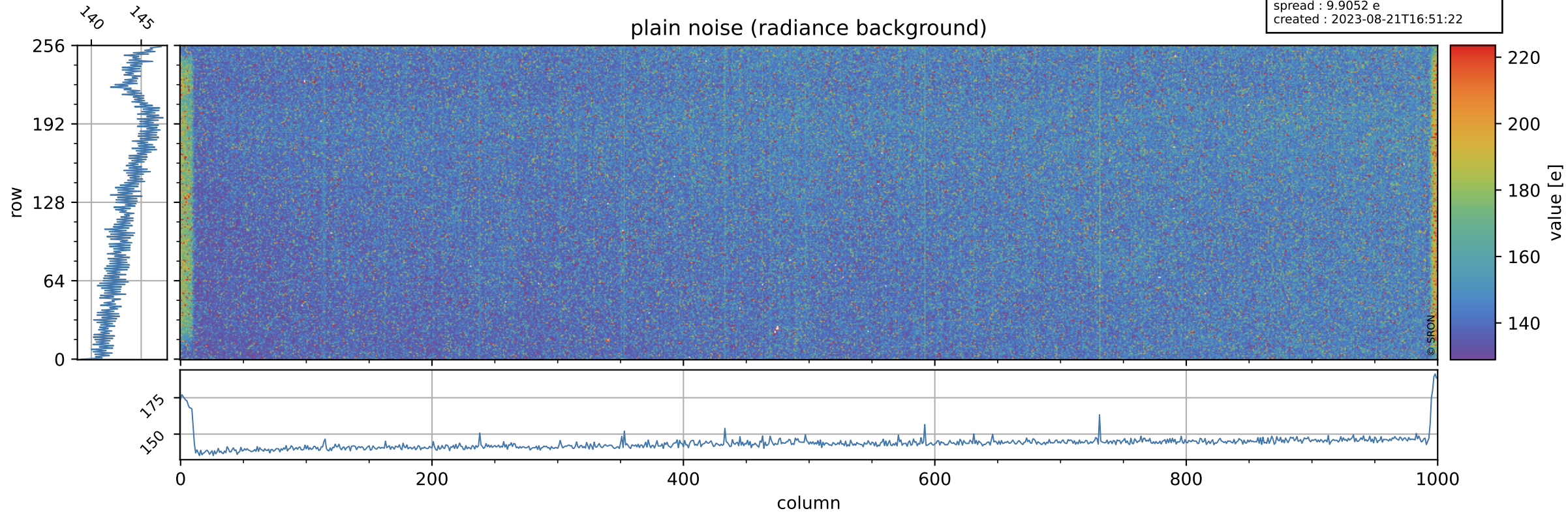
orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
n_coad, t_exp : 1, 1.0783
median : 148.85 e
spread : 11.059 e
created : 2023-08-21T16:51:22



Tropomi SWIR background noise (swir)

orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.9052 e
created : 2023-08-21T16:51:22

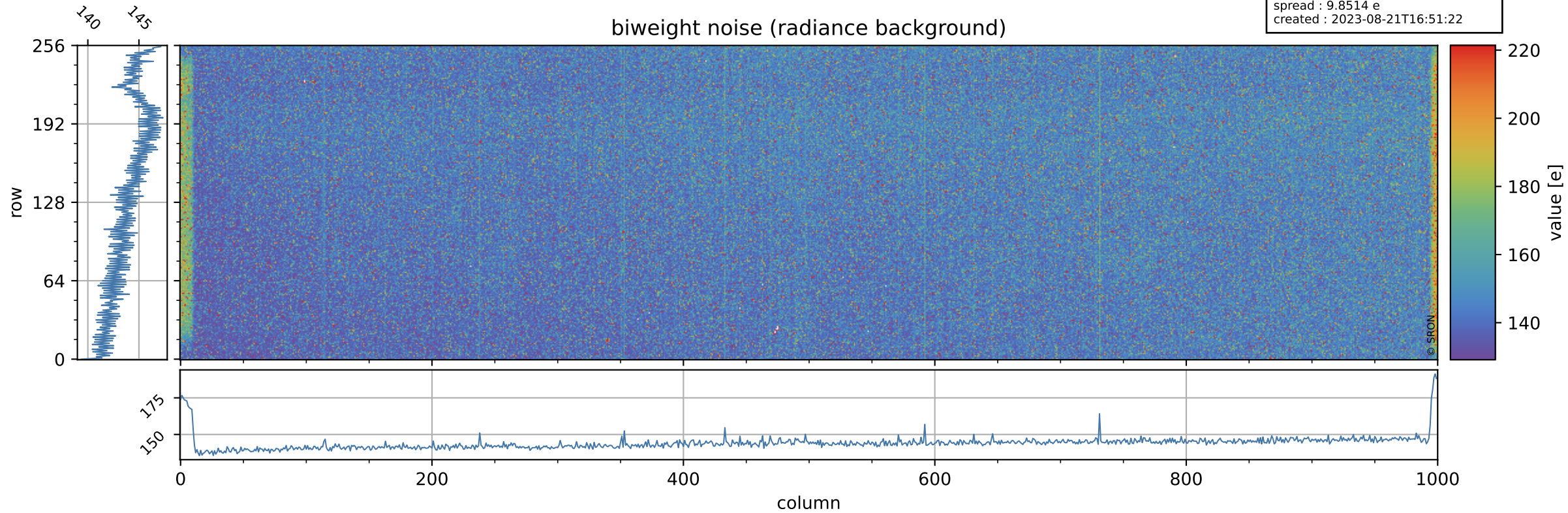
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.8514 e
created : 2023-08-21T16:51:22

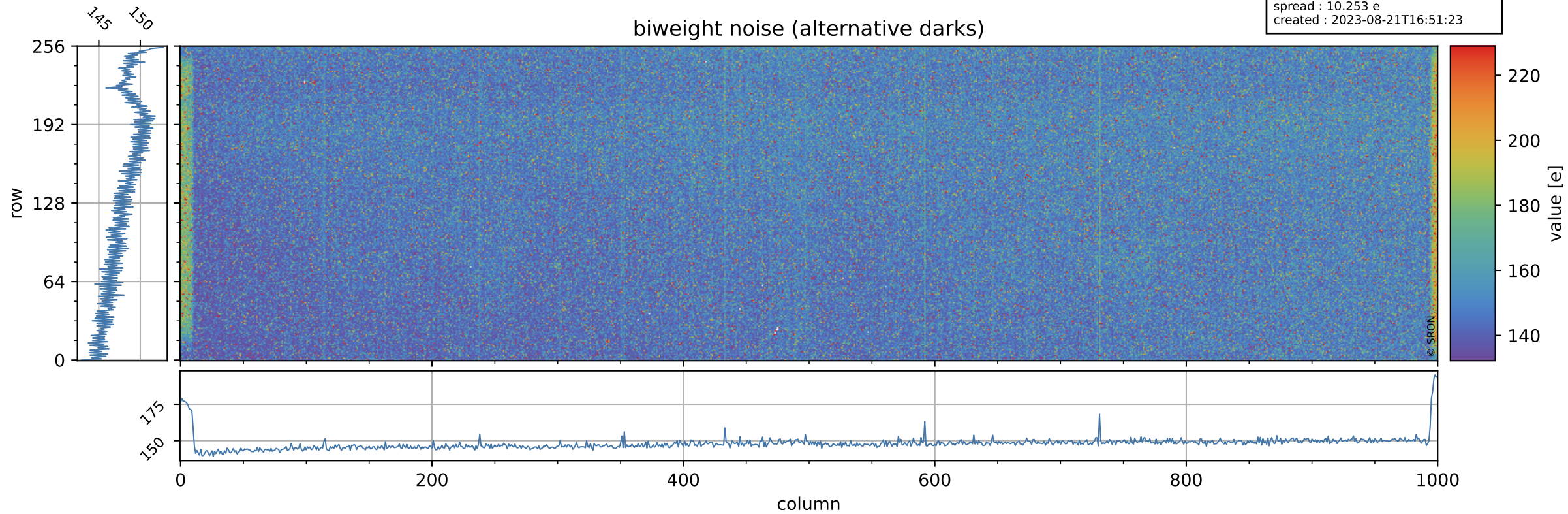
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.253 e
created : 2023-08-21T16:51:23

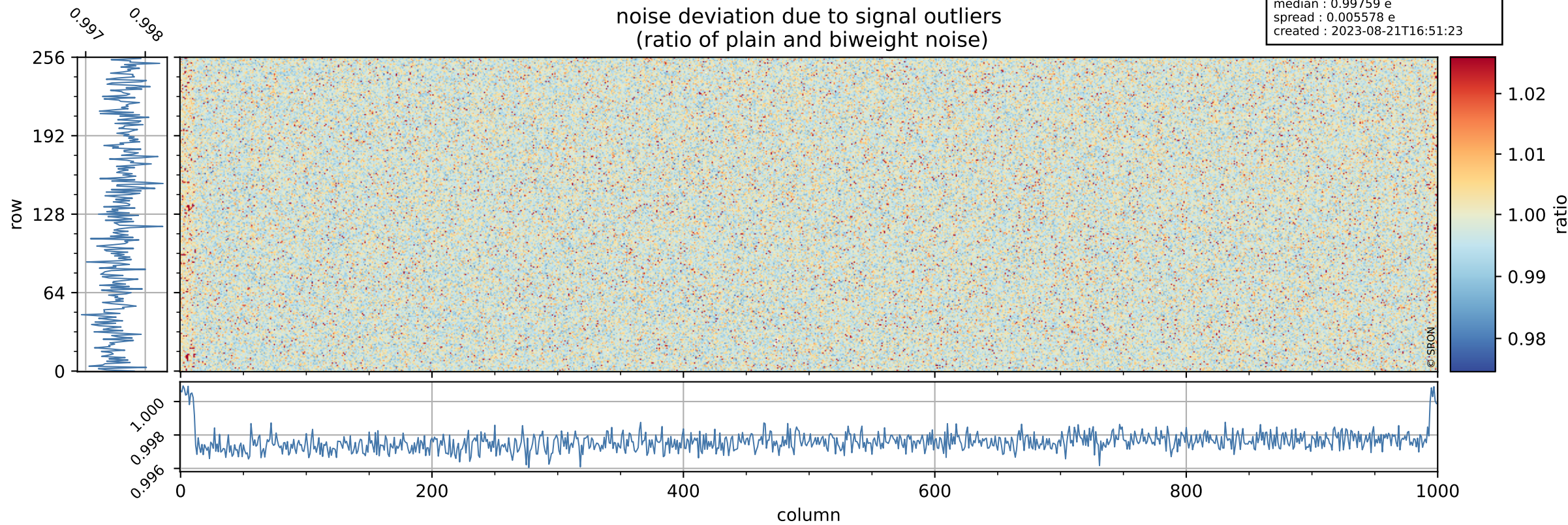
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

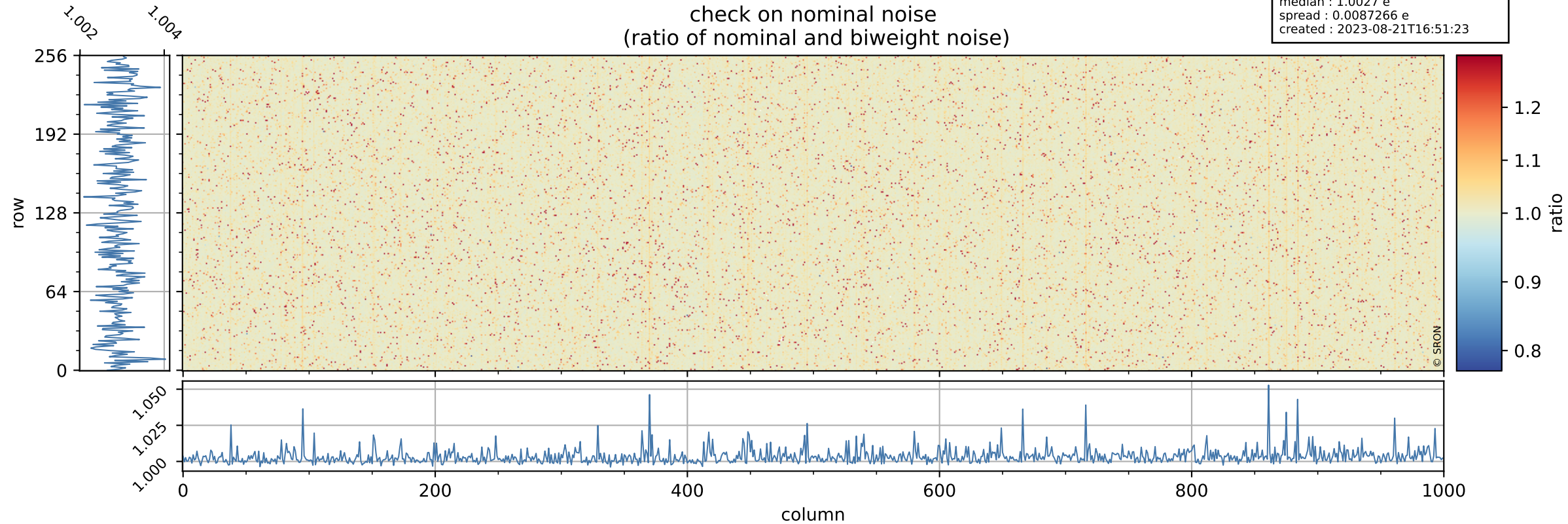
orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
median : 0.99759 e
spread : 0.005578 e
created : 2023-08-21T16:51:23



Tropomi SWIR background noise (swir)

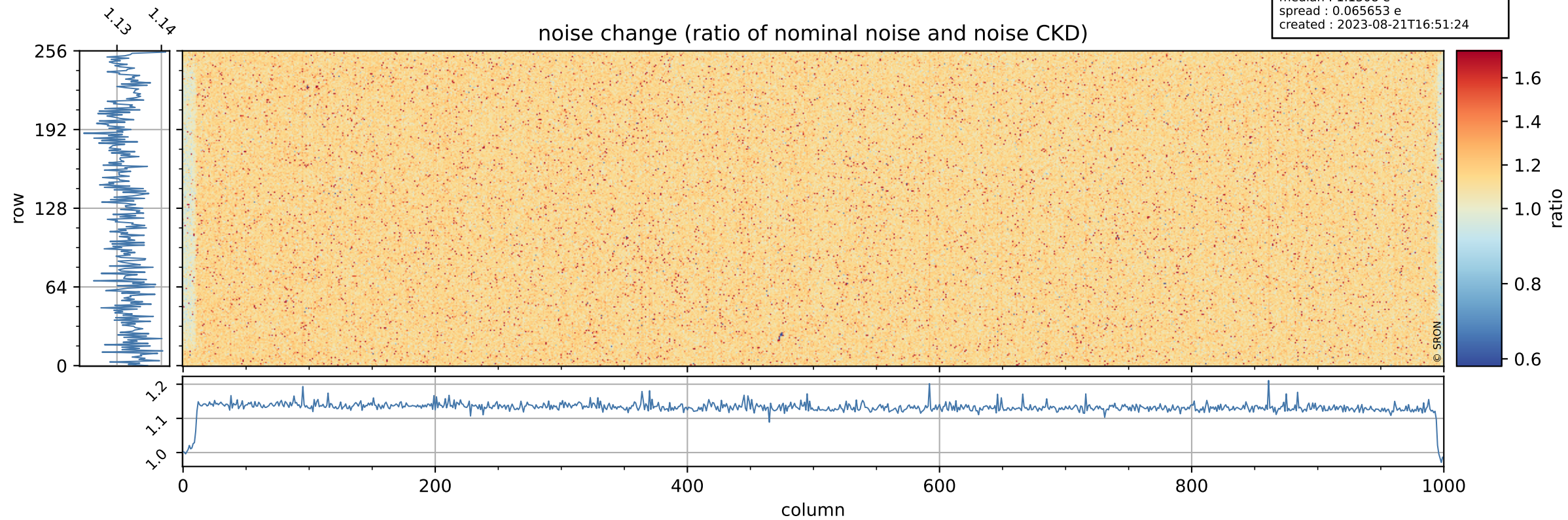
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
median : 1.0027 e
spread : 0.0087266 e
created : 2023-08-21T16:51:23



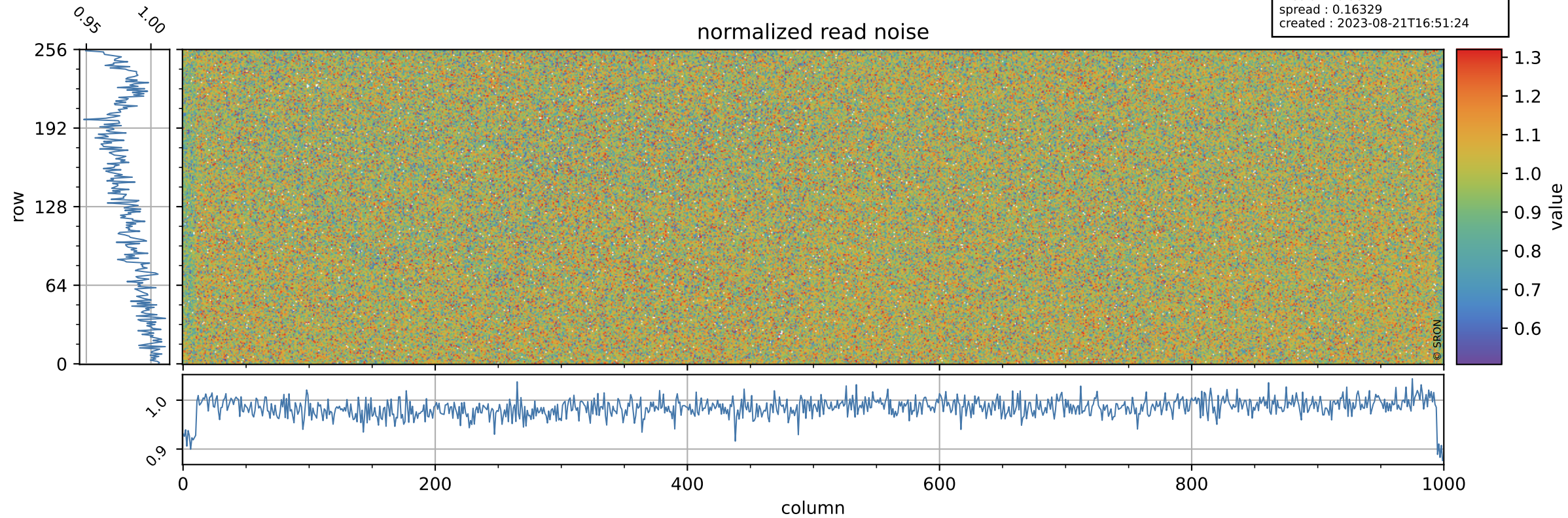
Tropomi SWIR background noise (swir)

orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
median : 1.1308 e
spread : 0.065653 e
created : 2023-08-21T16:51:24



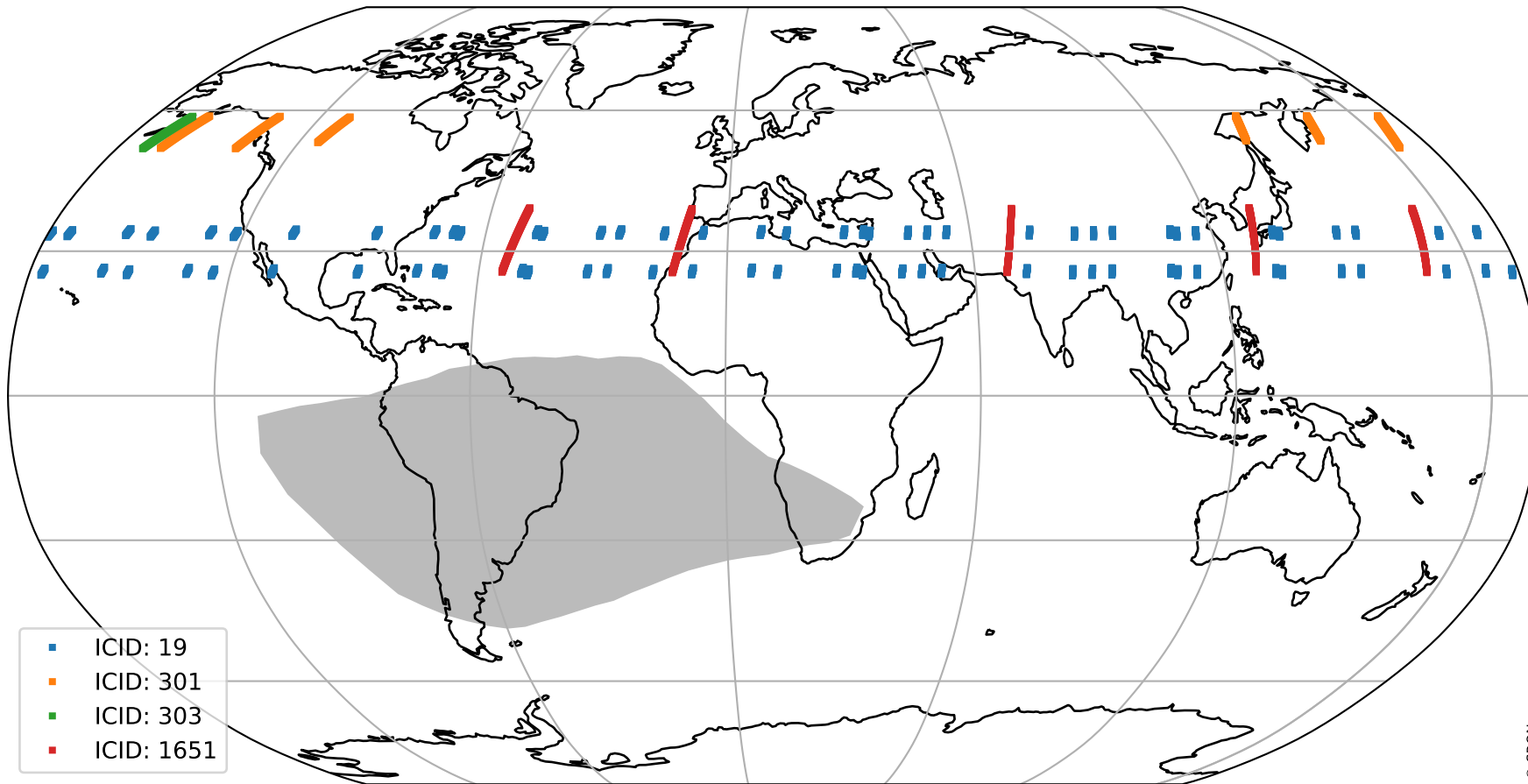
Tropomi SWIR background noise (swir)

orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
median : 0.98272
spread : 0.16329
created : 2023-08-21T16:51:24



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

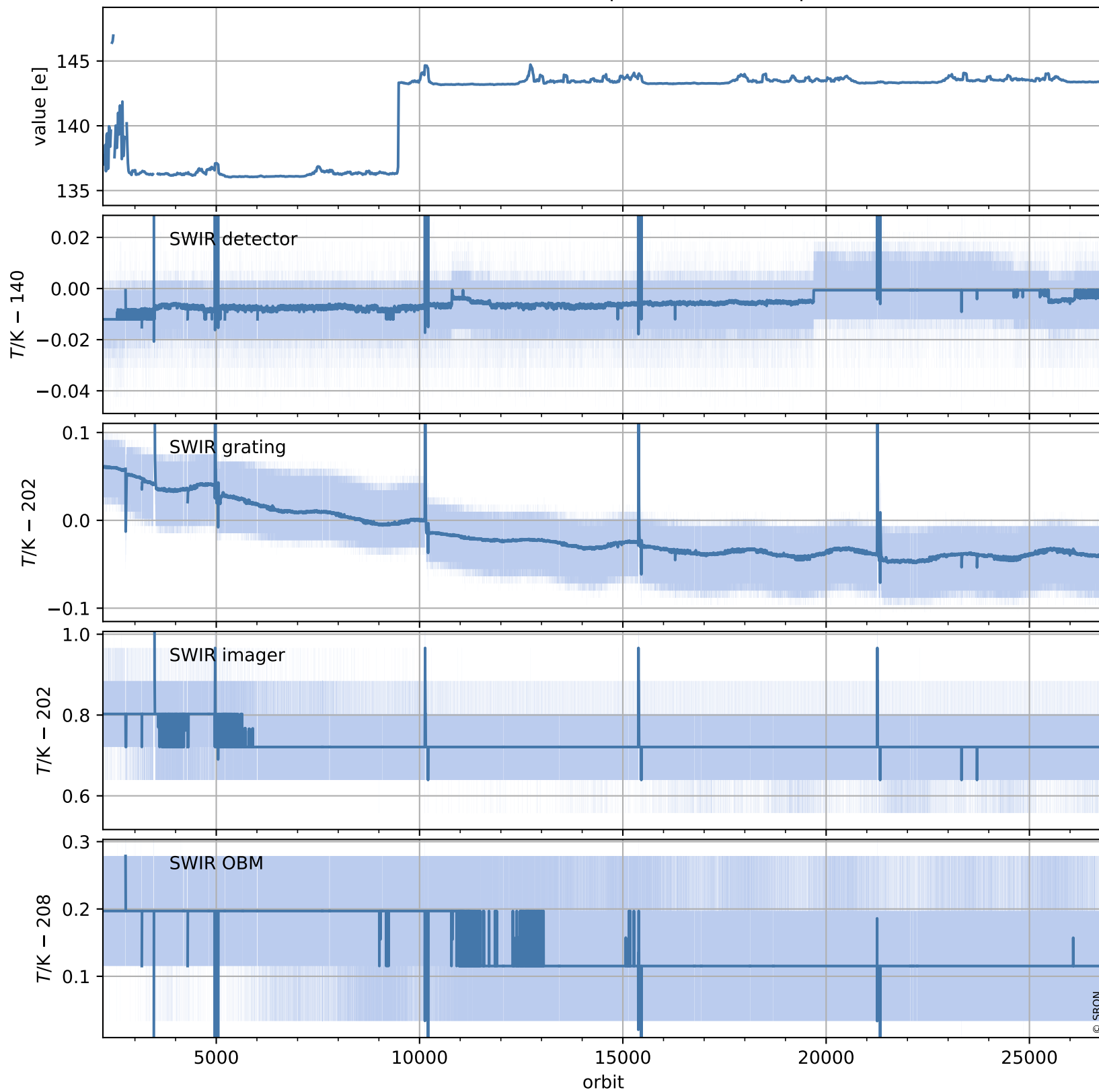
orbits : 12 in [26752, 26827]
coverage : 2022-12-11 / 2022-12-16
created : 2023-08-21T16:51:24



Tropomi SWIR background noise (swir)

orbits : [2212, 26827]
coverage : 2018-03-18 / 2022-12-16
created : 2023-08-21T16:51:24

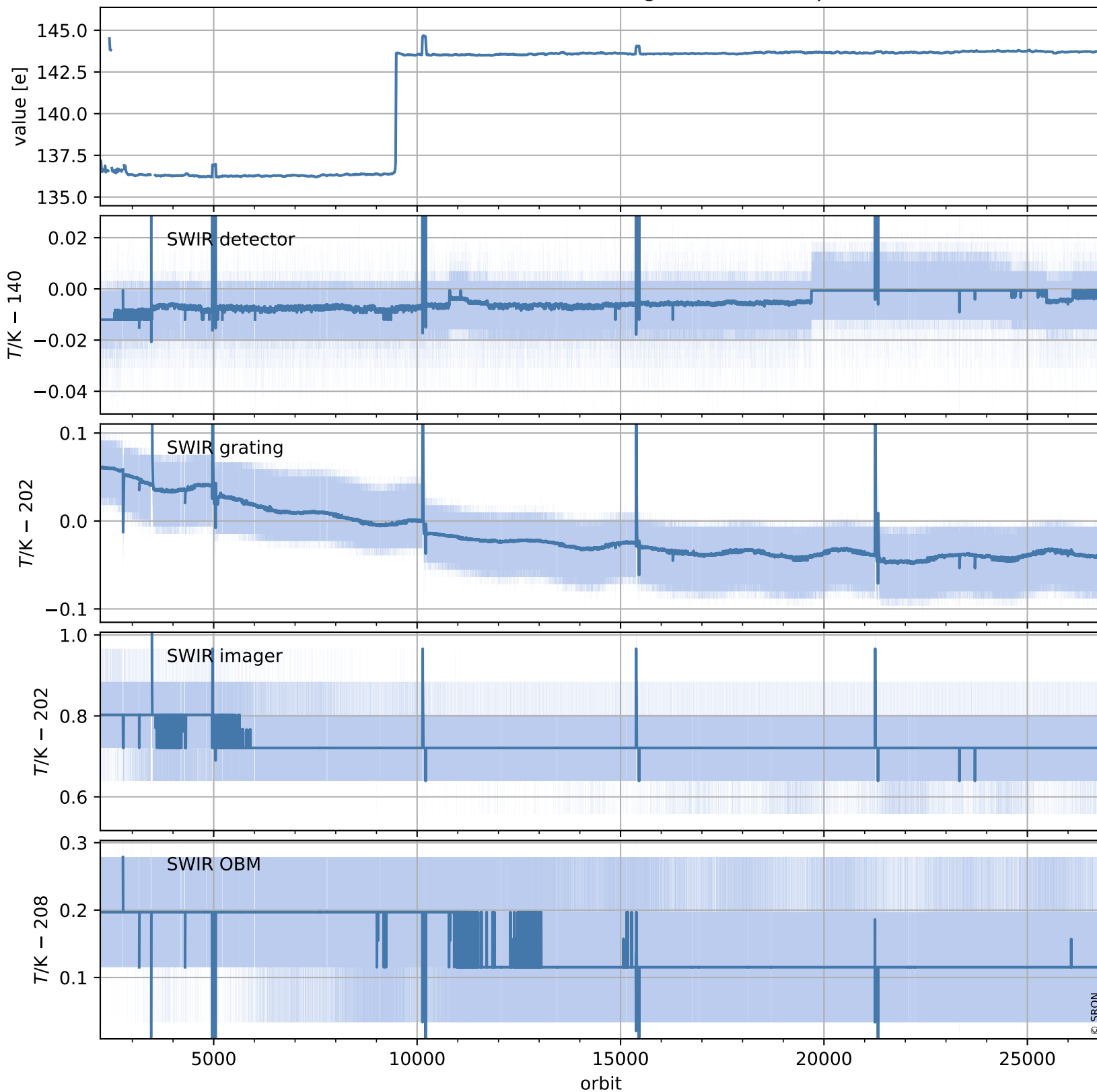
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26827]
coverage : 2018-03-18 / 2022-12-16
created : 2023-08-21T16:51:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26827]
coverage : 2018-03-18 / 2022-12-16
created : 2023-08-21T16:51:26

trend of normalized read-noise & temperatures

