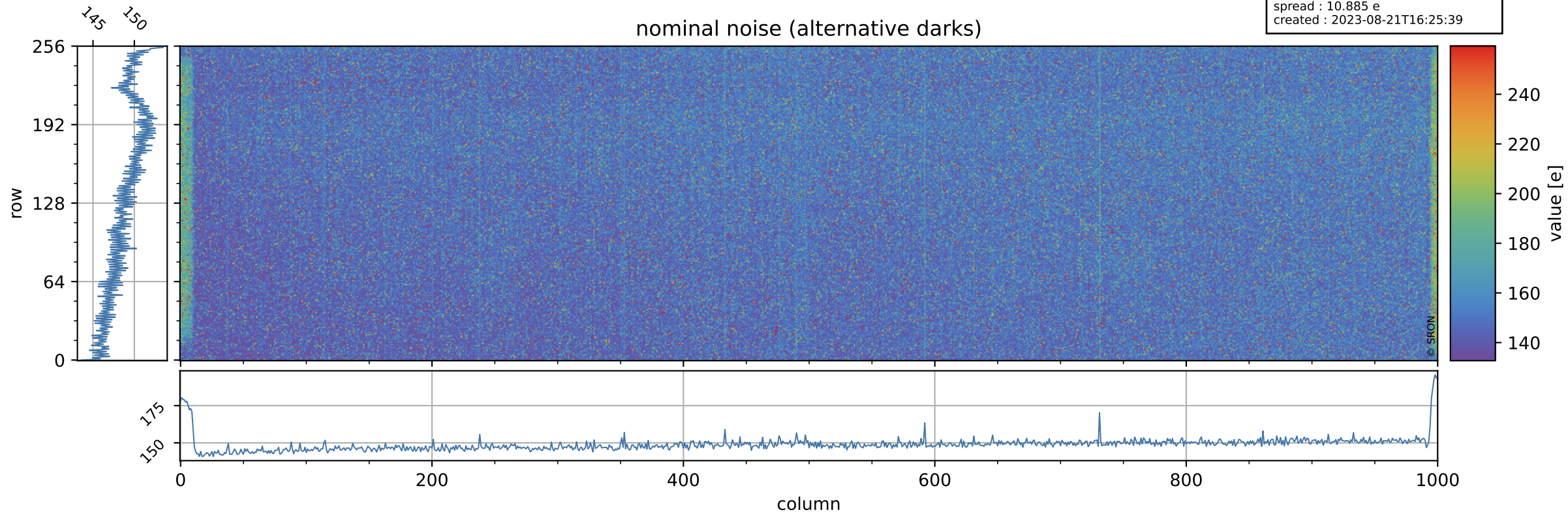


Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.885 e
created : 2023-08-21T16:25:39

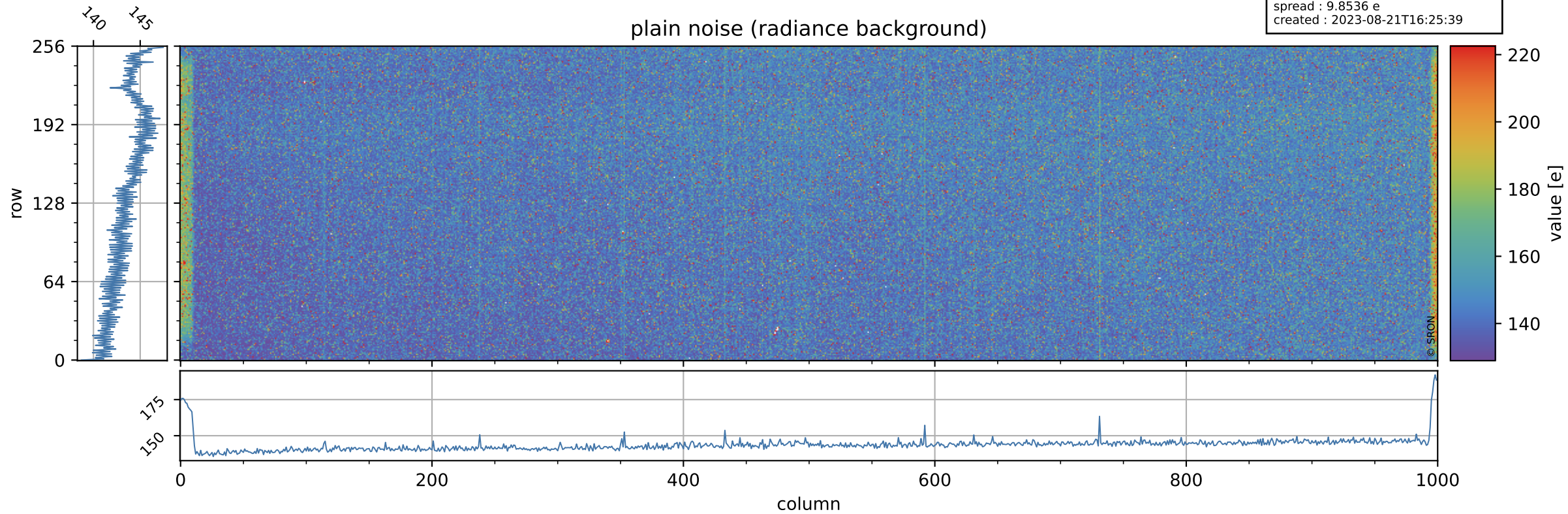
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
n_coad, t_exp : 1, 0.8383
median : 143.48 e
spread : 9.8536 e
created : 2023-08-21T16:25:39

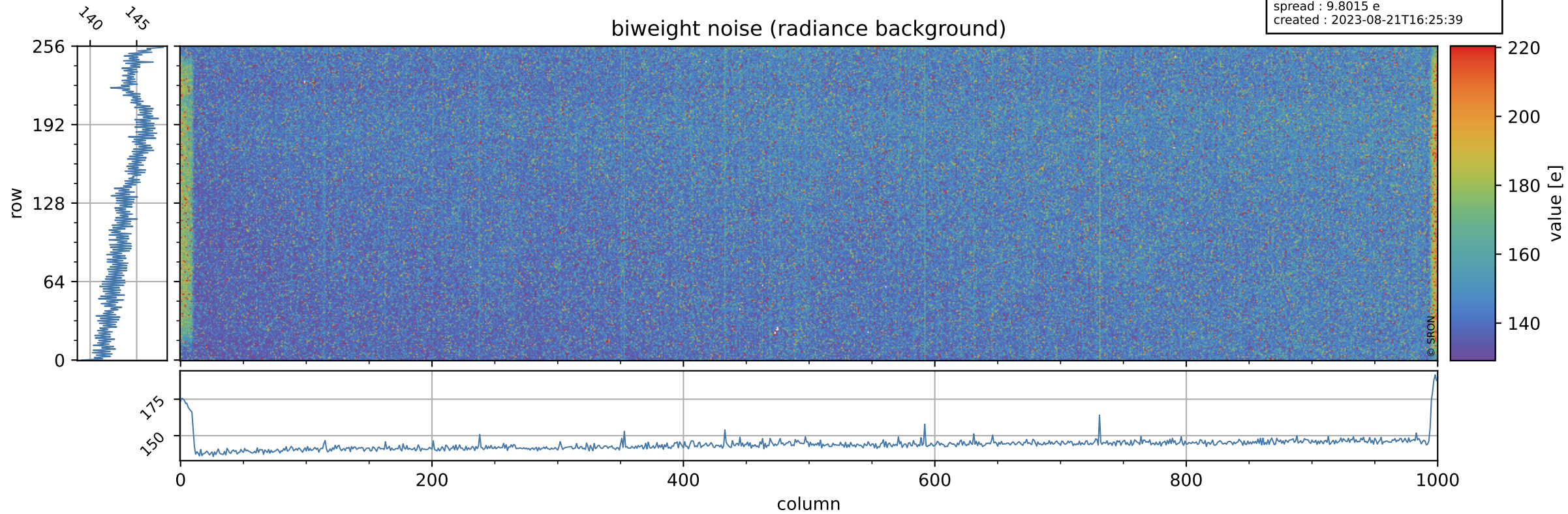
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
n_coad, t_exp : 1, 0.8383
median : 143.8 e
spread : 9.8015 e
created : 2023-08-21T16:25:39

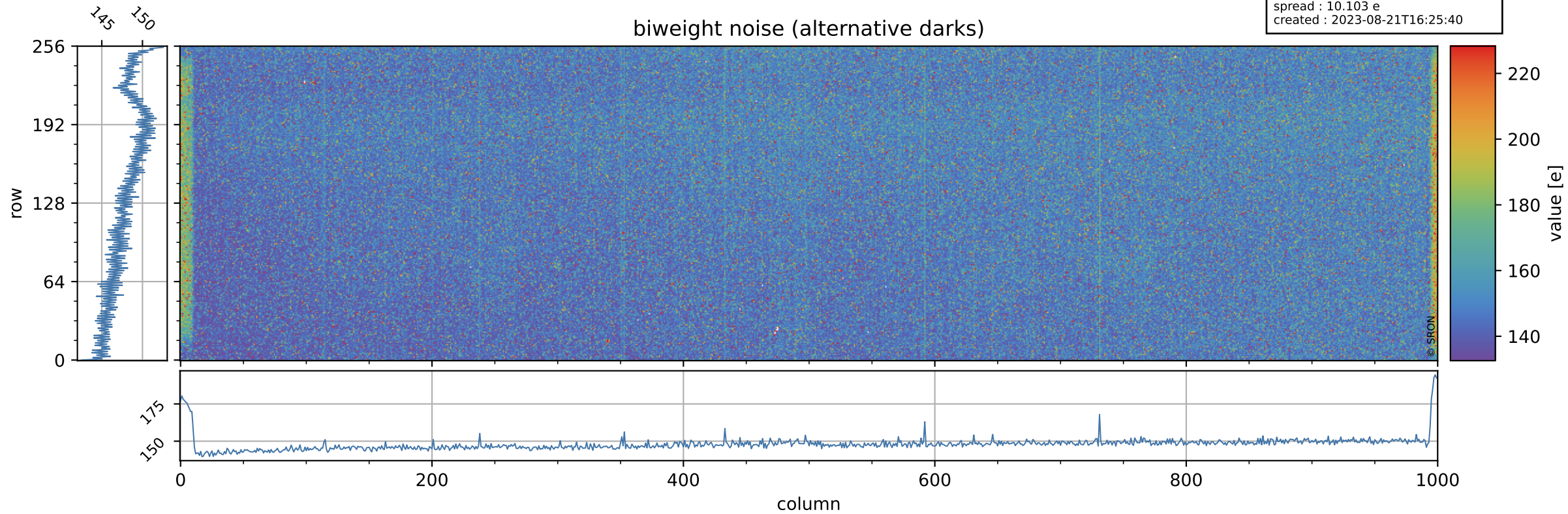
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.103 e
created : 2023-08-21T16:25:40

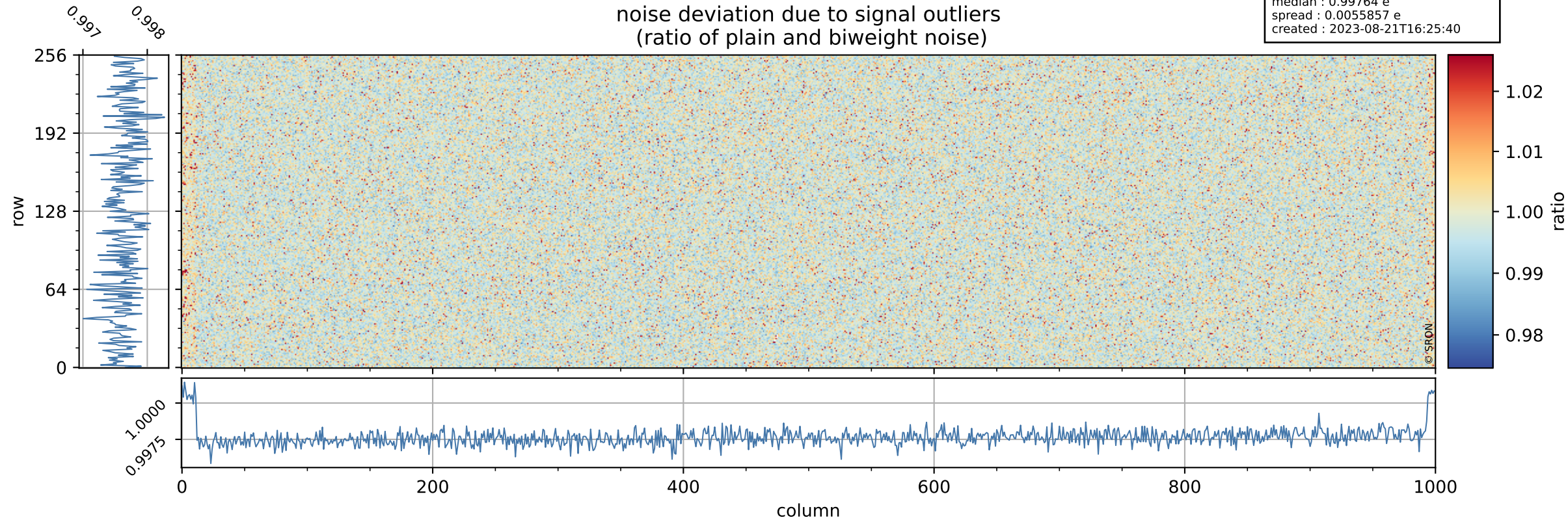
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

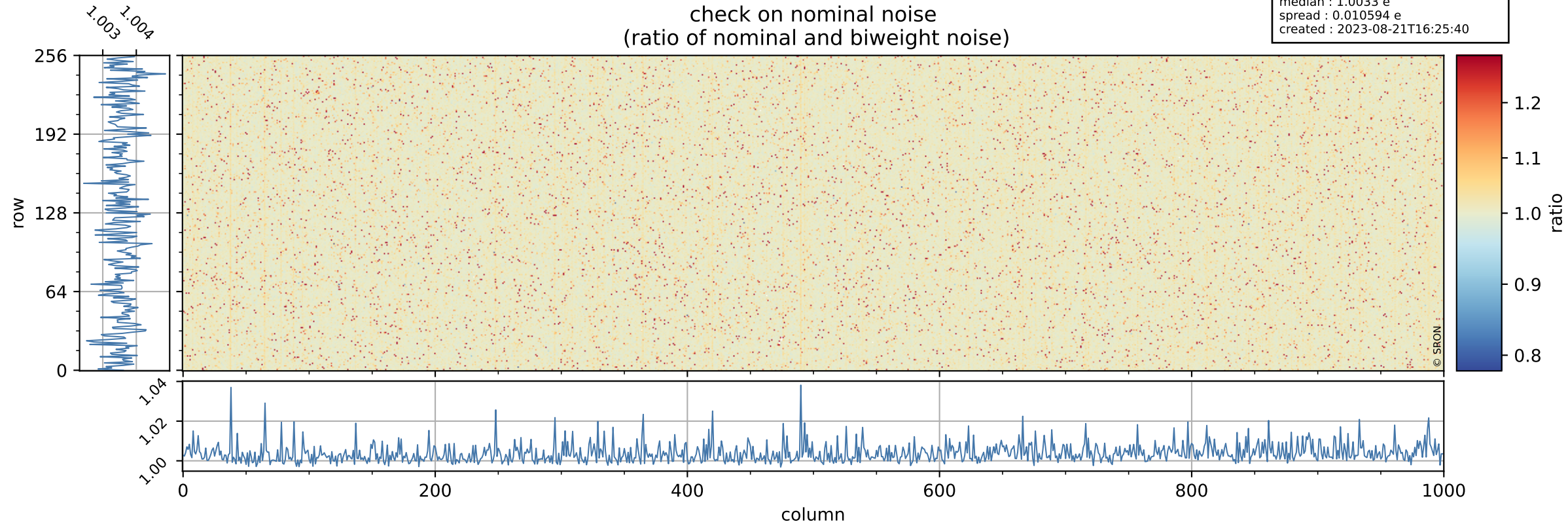
orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
median : 0.99764 e
spread : 0.0055857 e
created : 2023-08-21T16:25:40



Tropomi SWIR background noise (swir)

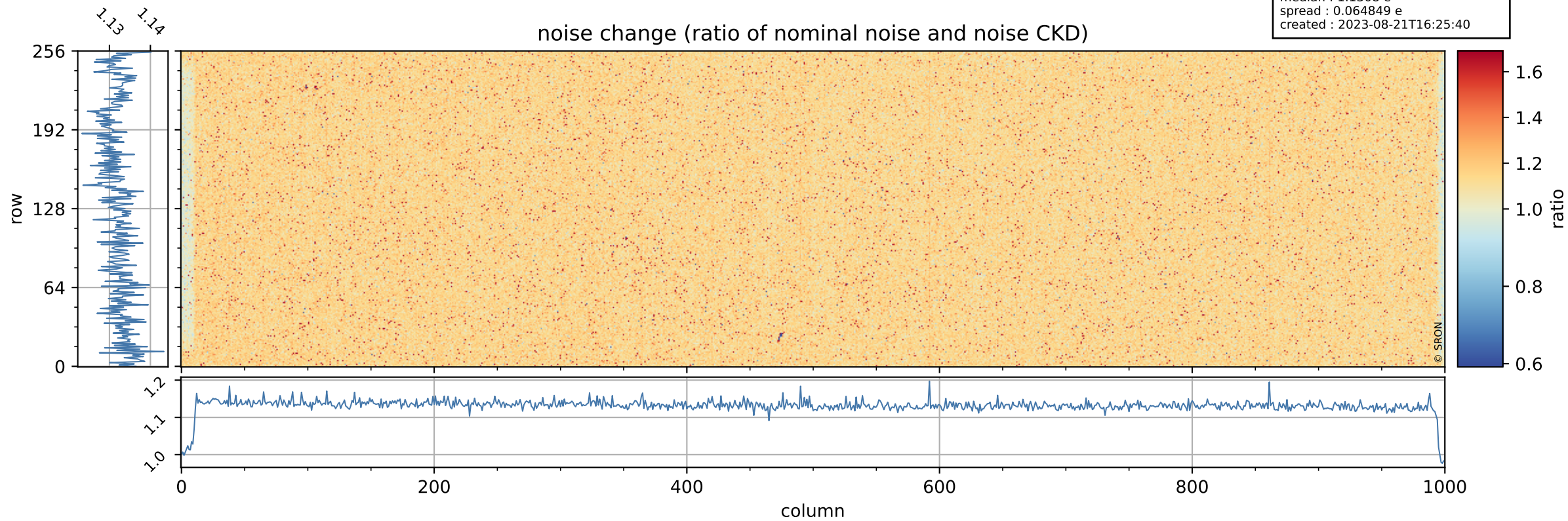
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
median : 1.0033 e
spread : 0.010594 e
created : 2023-08-21T16:25:40



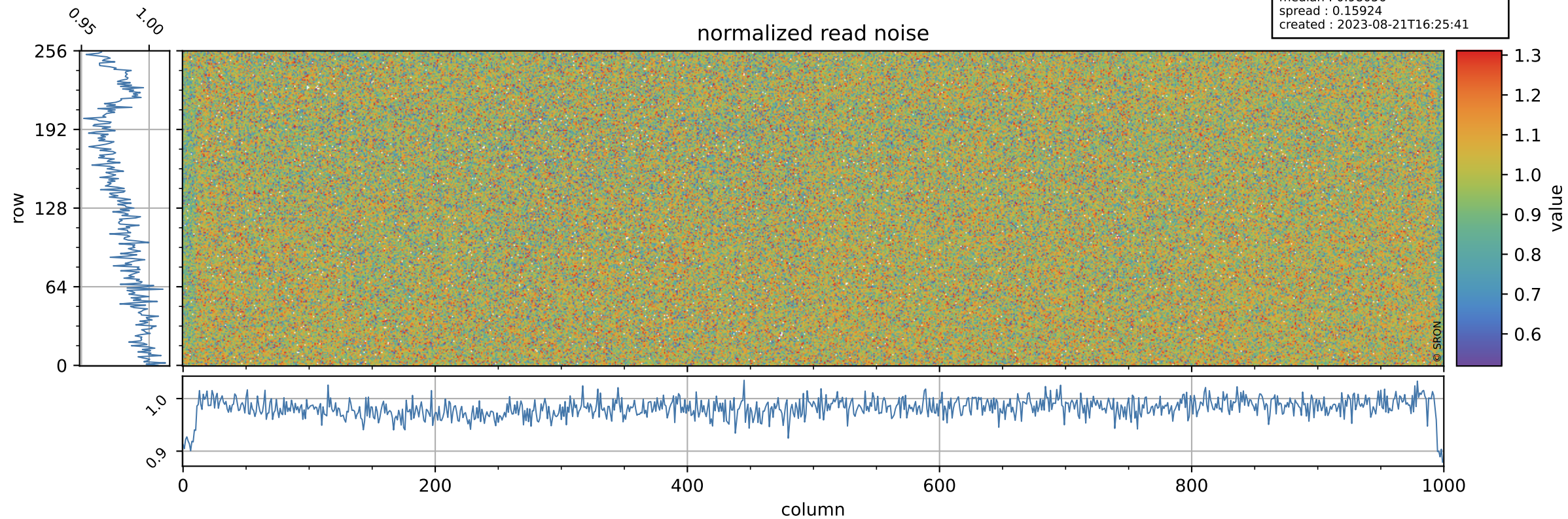
Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
median : 1.1308 e
spread : 0.064849 e
created : 2023-08-21T16:25:40



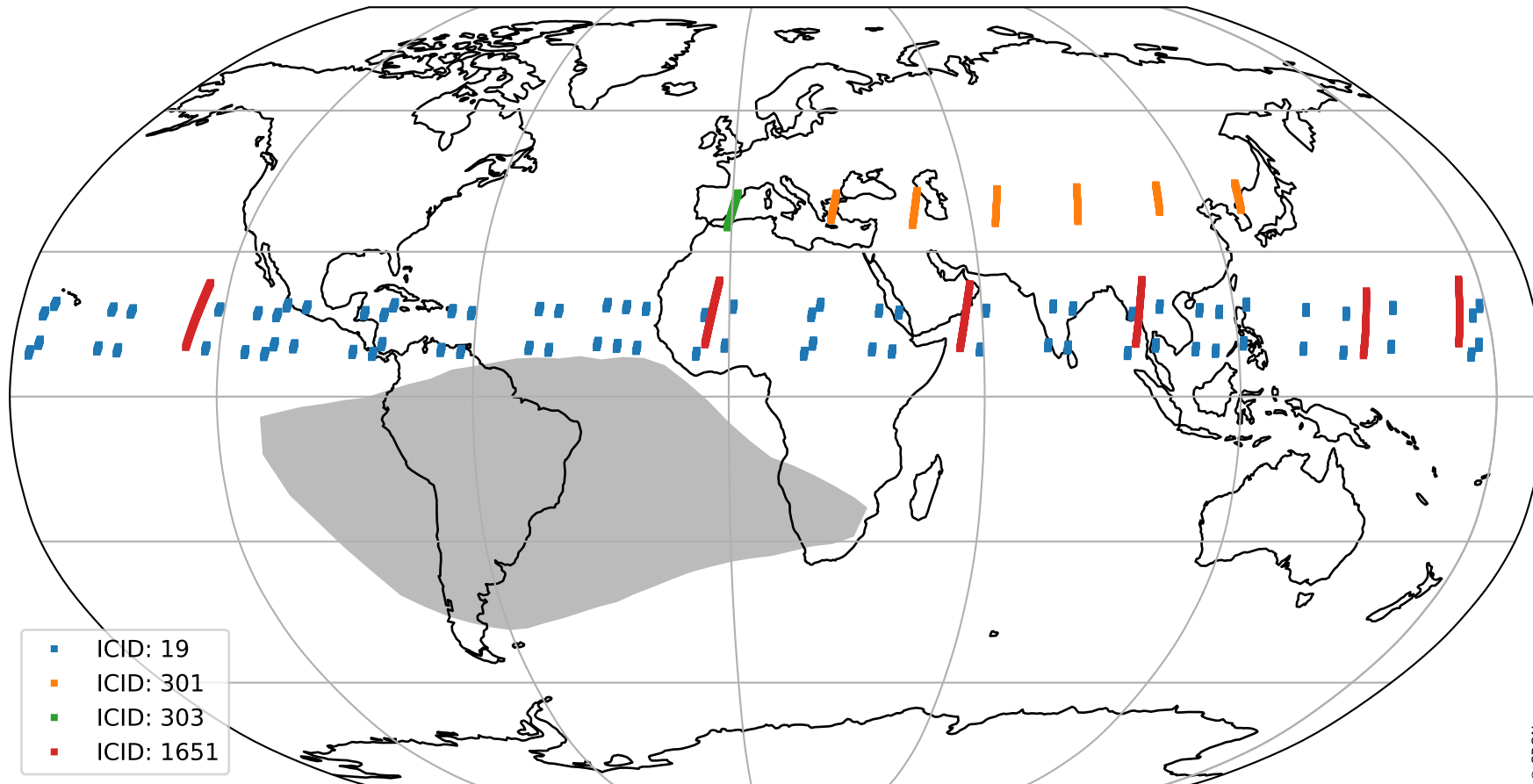
Tropomi SWIR background noise (swir)

orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
median : 0.98056
spread : 0.15924
created : 2023-08-21T16:25:41



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

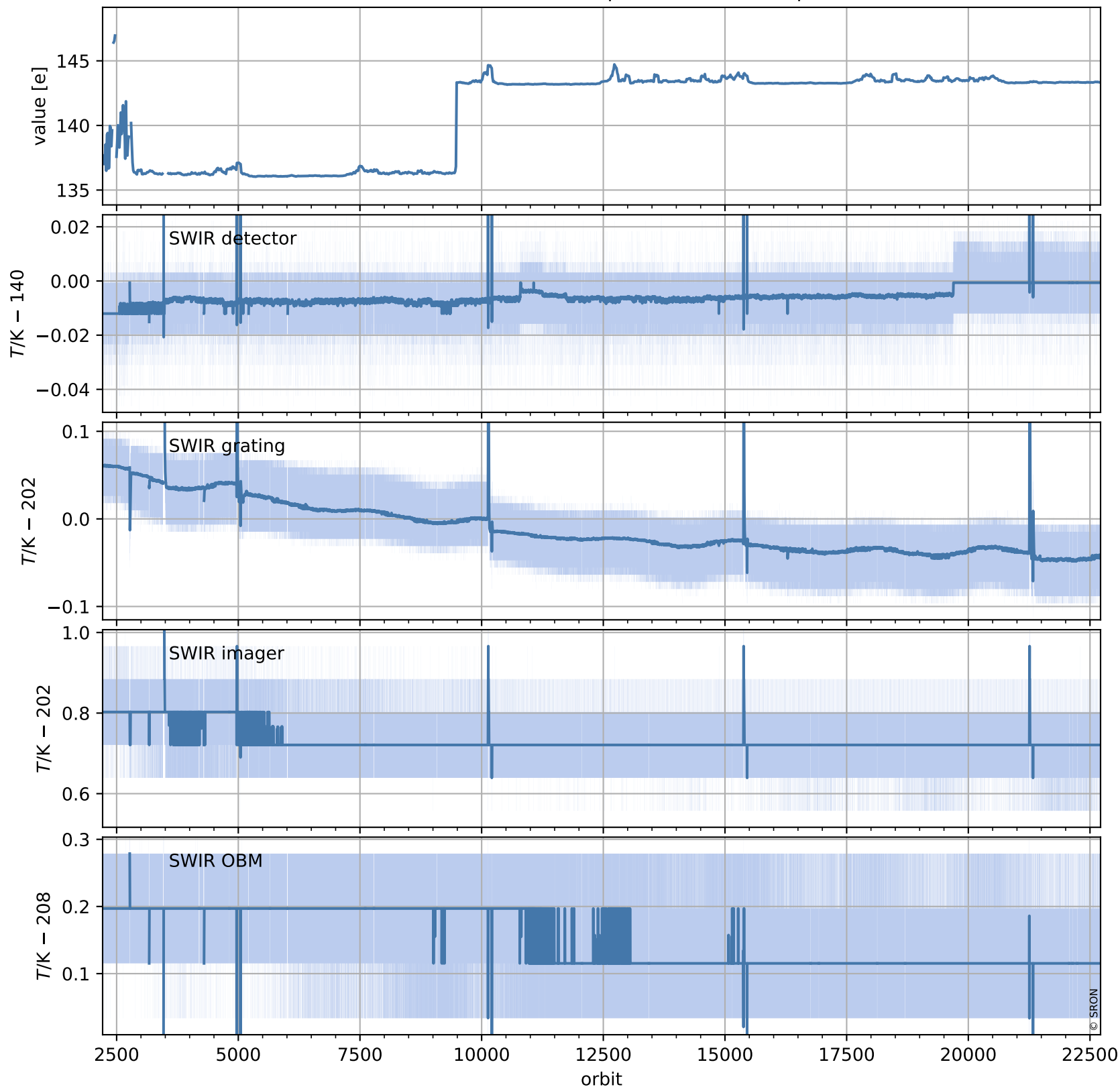
orbits : 13 in [22627, 22717]
coverage : 2022-02-24 / 2022-03-02
created : 2023-08-21T16:25:41



Tropomi SWIR background noise (swir)

orbits : [2212, 22717]
coverage : 2018-03-18 / 2022-03-02
created : 2023-08-21T16:25:41

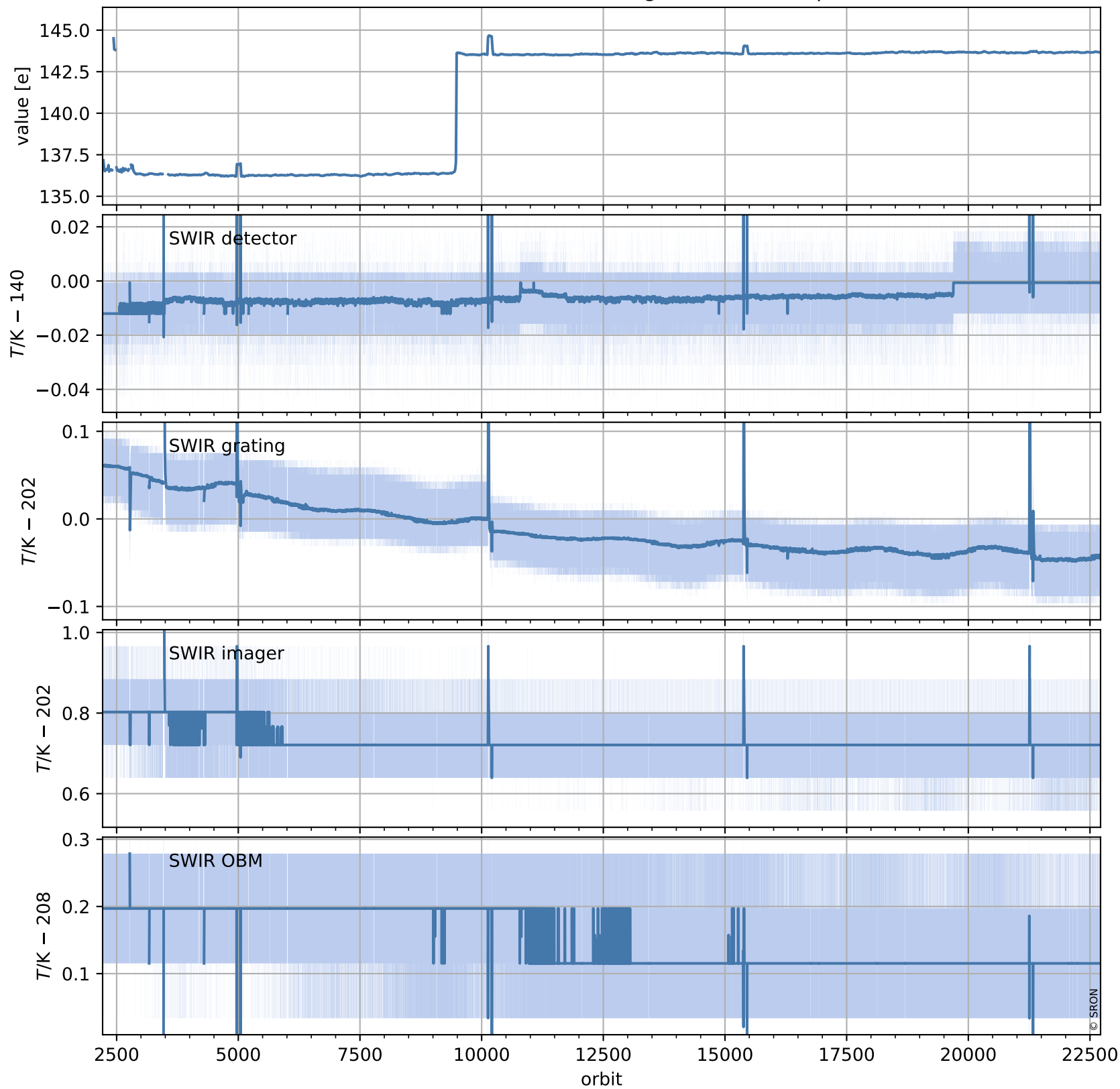
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22717]
coverage : 2018-03-18 / 2022-03-02
created : 2023-08-21T16:25:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 22717]
coverage : 2018-03-18 / 2022-03-02
created : 2023-08-21T16:25:43

trend of normalized read-noise & temperatures

