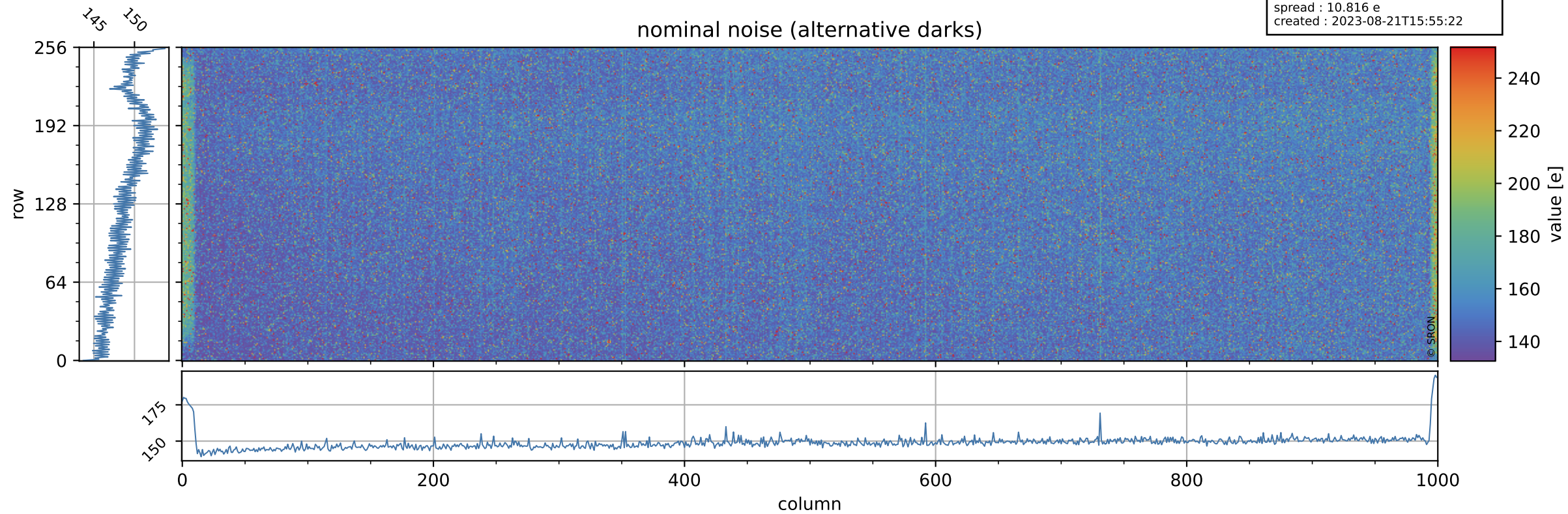


Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
n_coad, t_exp : 1, 1.0783
median : 148.72 e
spread : 10.816 e
created : 2023-08-21T15:55:22

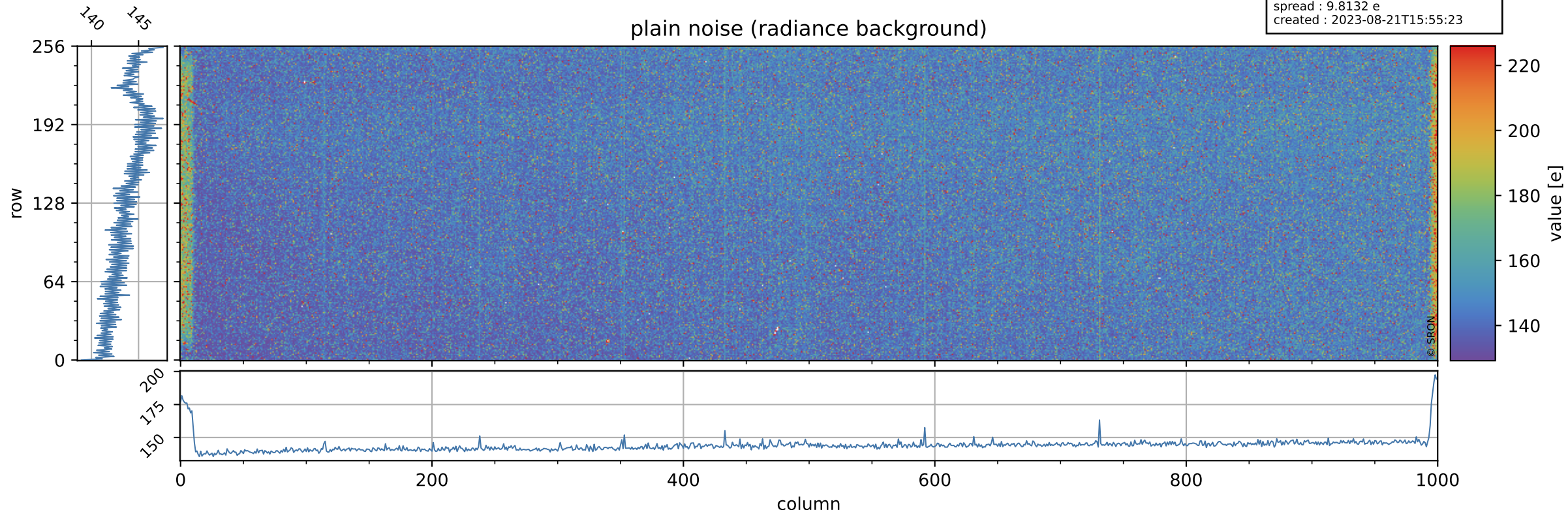
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
n_coad, t_exp : 1, 0.8383
median : 143.69 e
spread : 9.8132 e
created : 2023-08-21T15:55:23

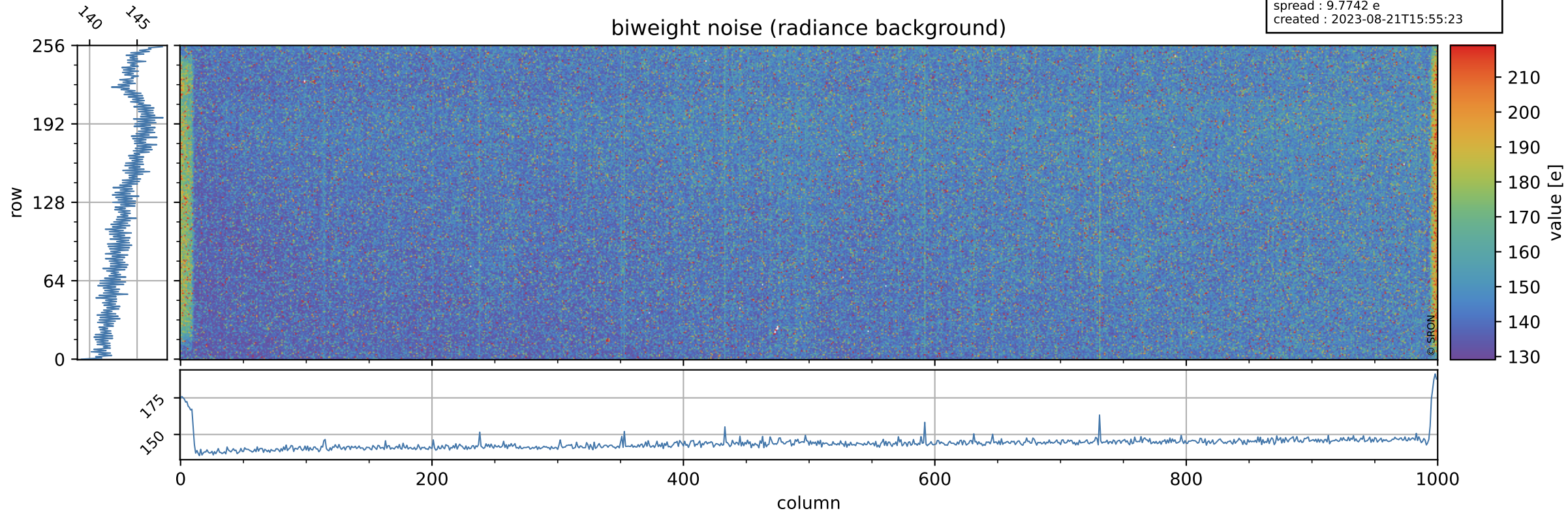
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7742 e
created : 2023-08-21T15:55:23

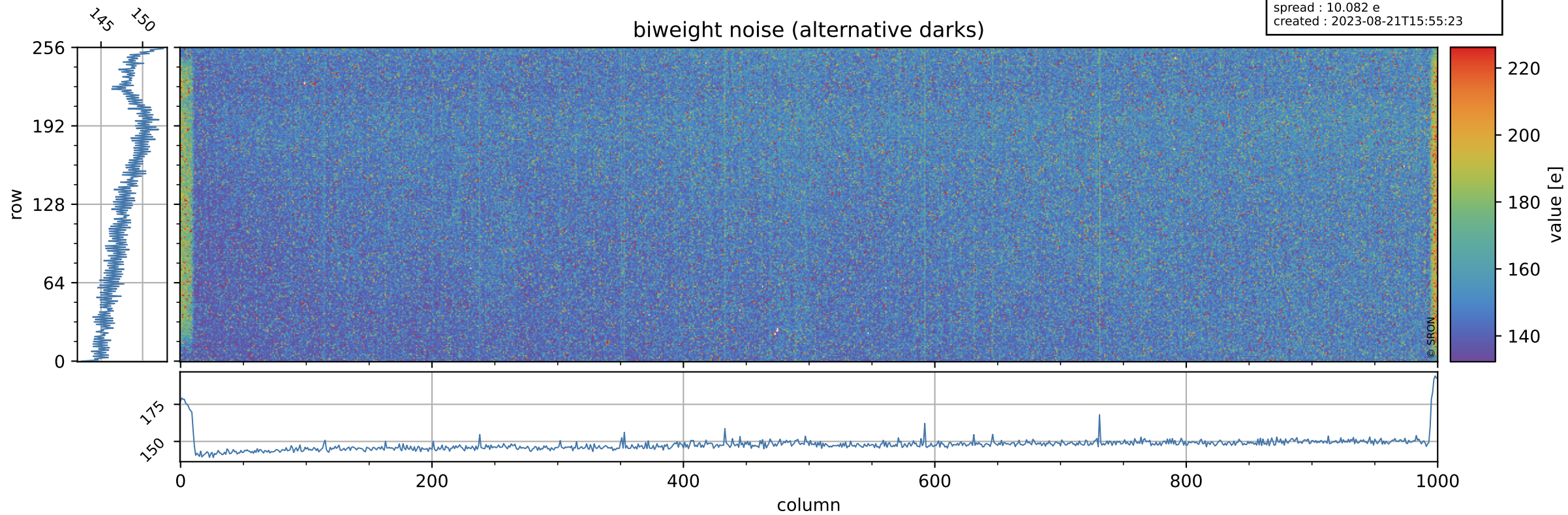
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.082 e
created : 2023-08-21T15:55:23

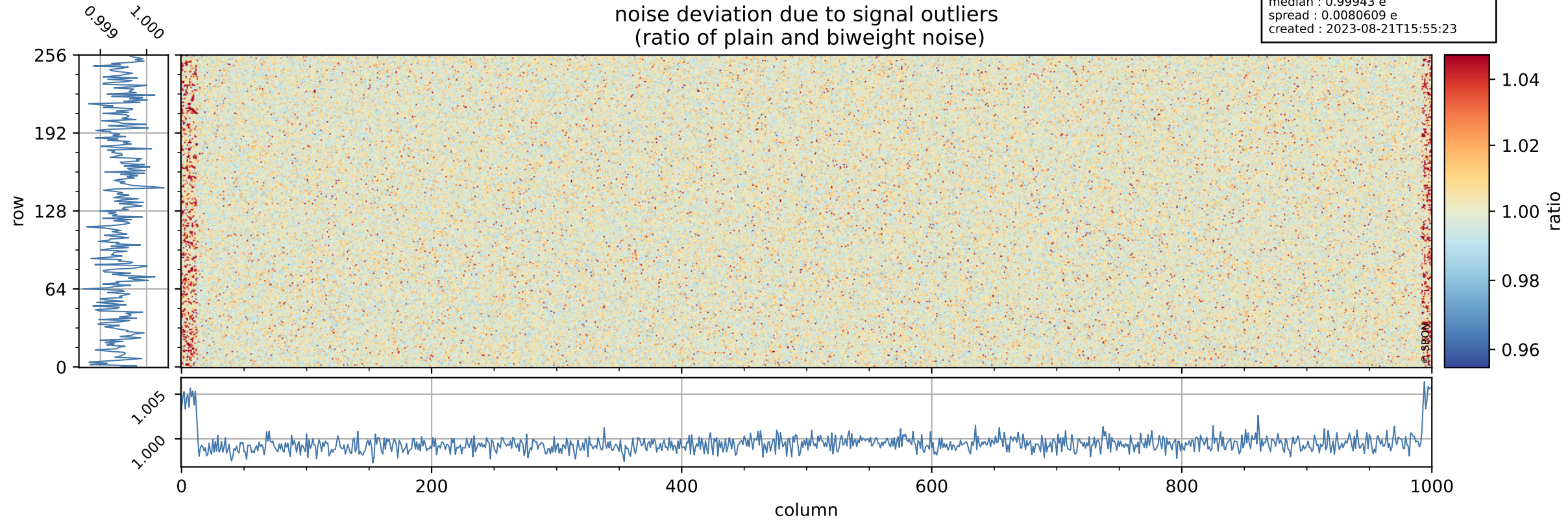
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

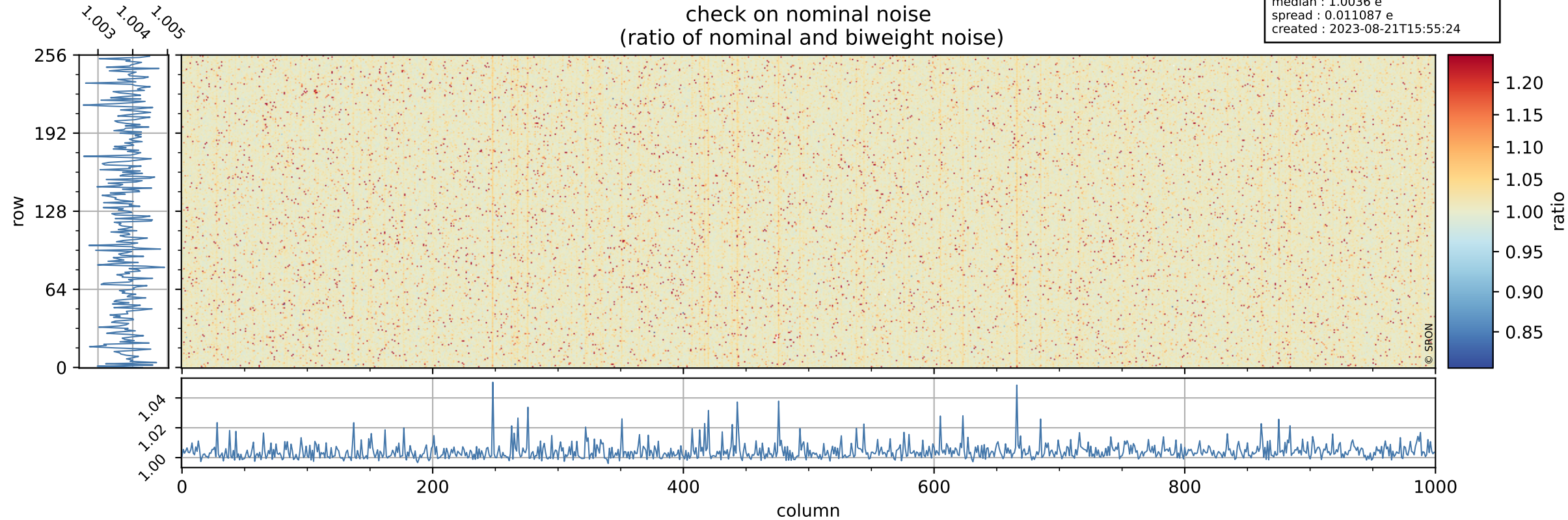
orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
median : 0.99943 e
spread : 0.0080609 e
created : 2023-08-21T15:55:23



Tropomi SWIR background noise (swir)

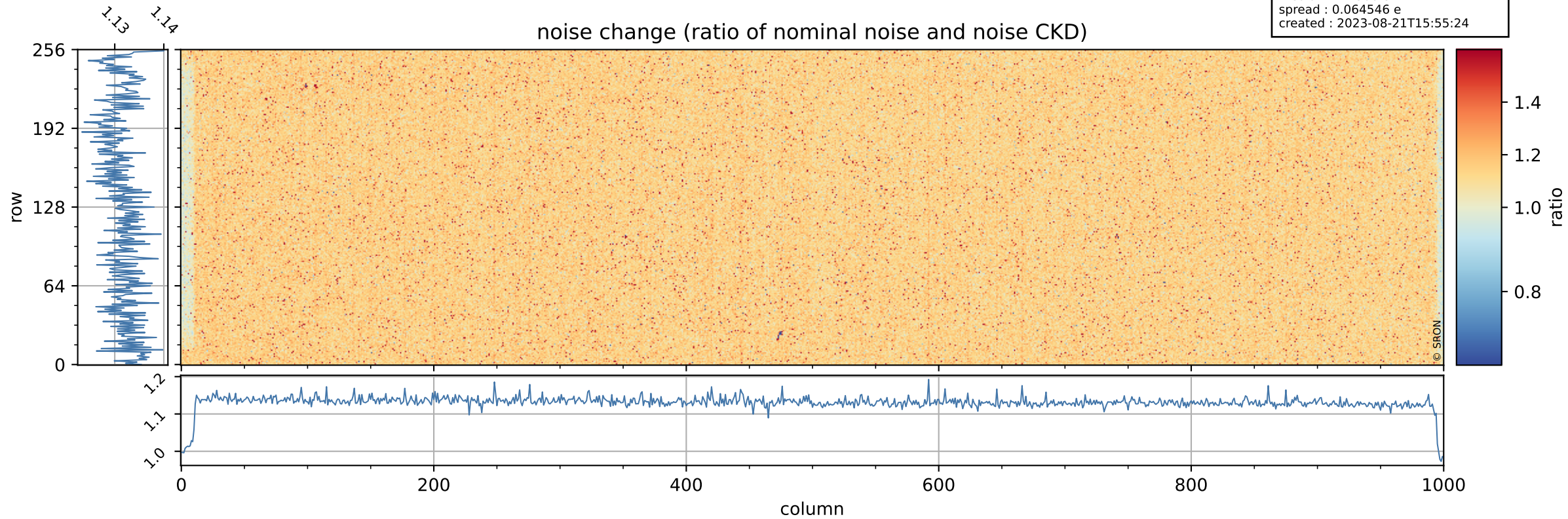
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
median : 1.0036 e
spread : 0.011087 e
created : 2023-08-21T15:55:24



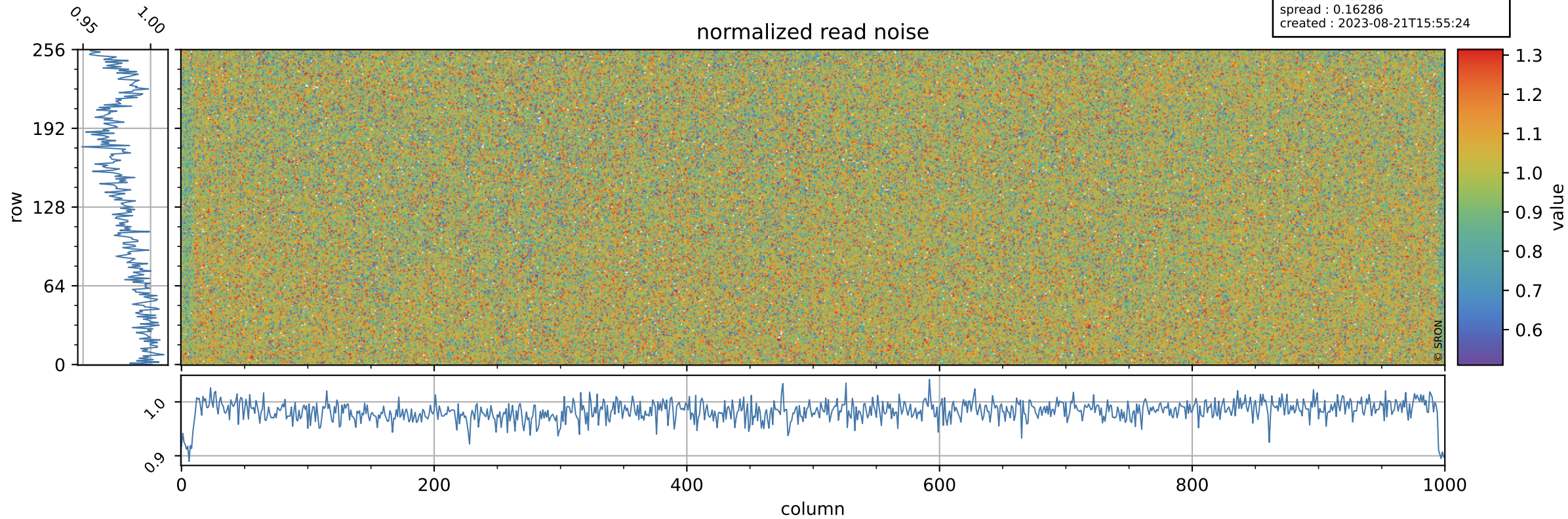
Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
median : 1.1306 e
spread : 0.064546 e
created : 2023-08-21T15:55:24



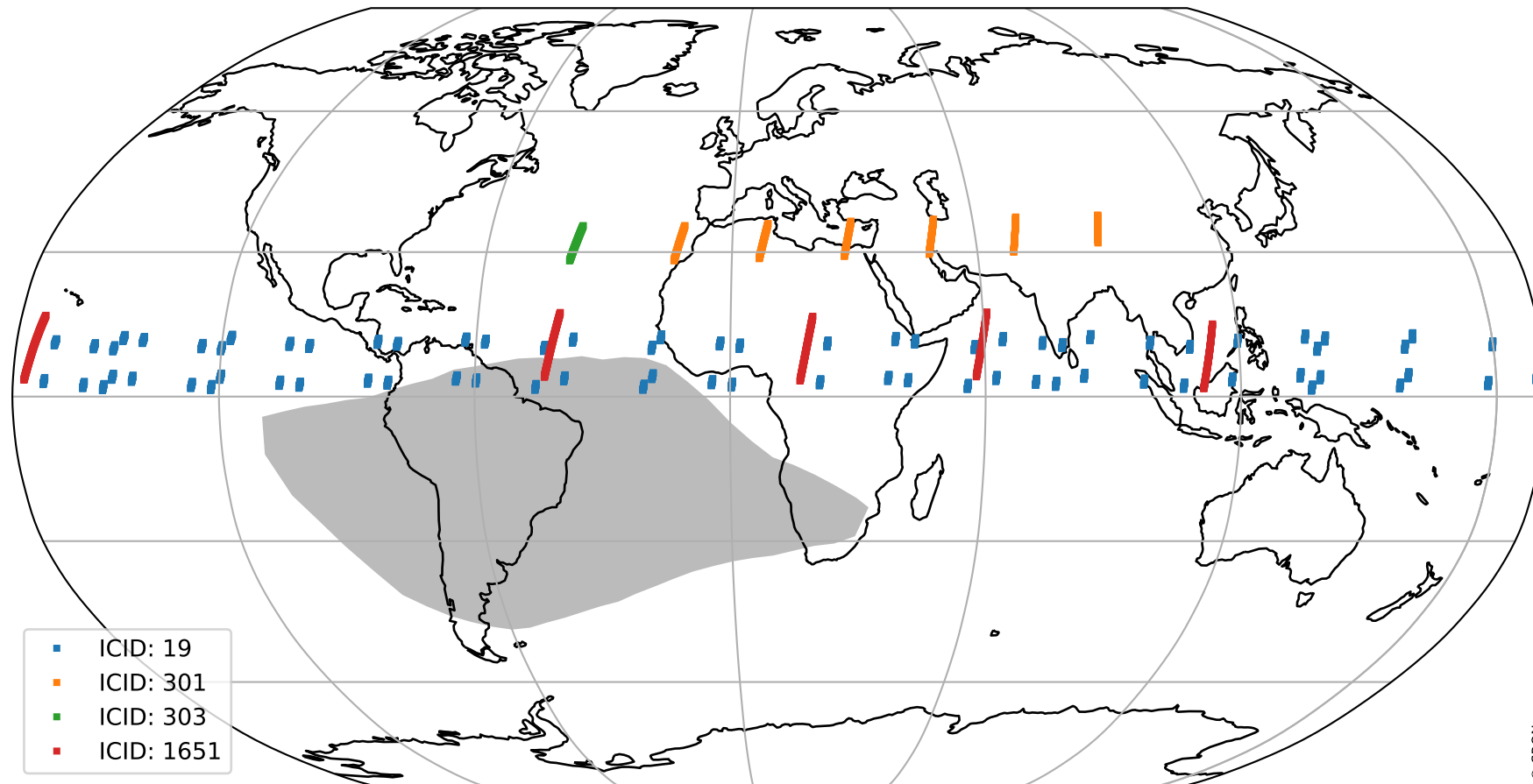
Tropomi SWIR background noise (swir)

orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
median : 0.98158
spread : 0.16286
created : 2023-08-21T15:55:24



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

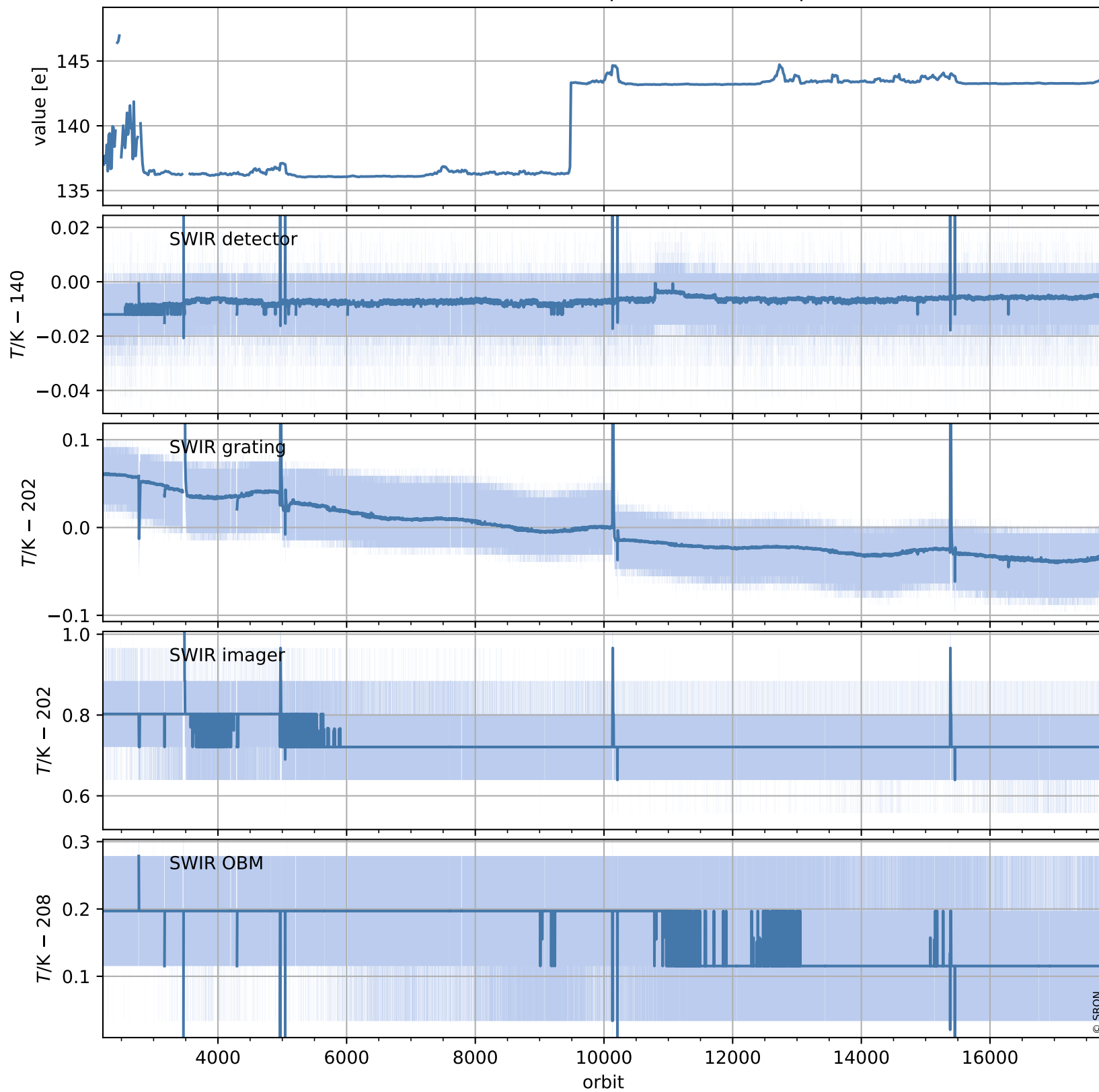
orbits : 12 in [17677, 17767]
coverage : 2021-03-12 / 2021-03-18
created : 2023-08-21T15:55:25



Tropomi SWIR background noise (swir)

orbits : [2212, 17767]
coverage : 2018-03-18 / 2021-03-18
created : 2023-08-21T15:55:25

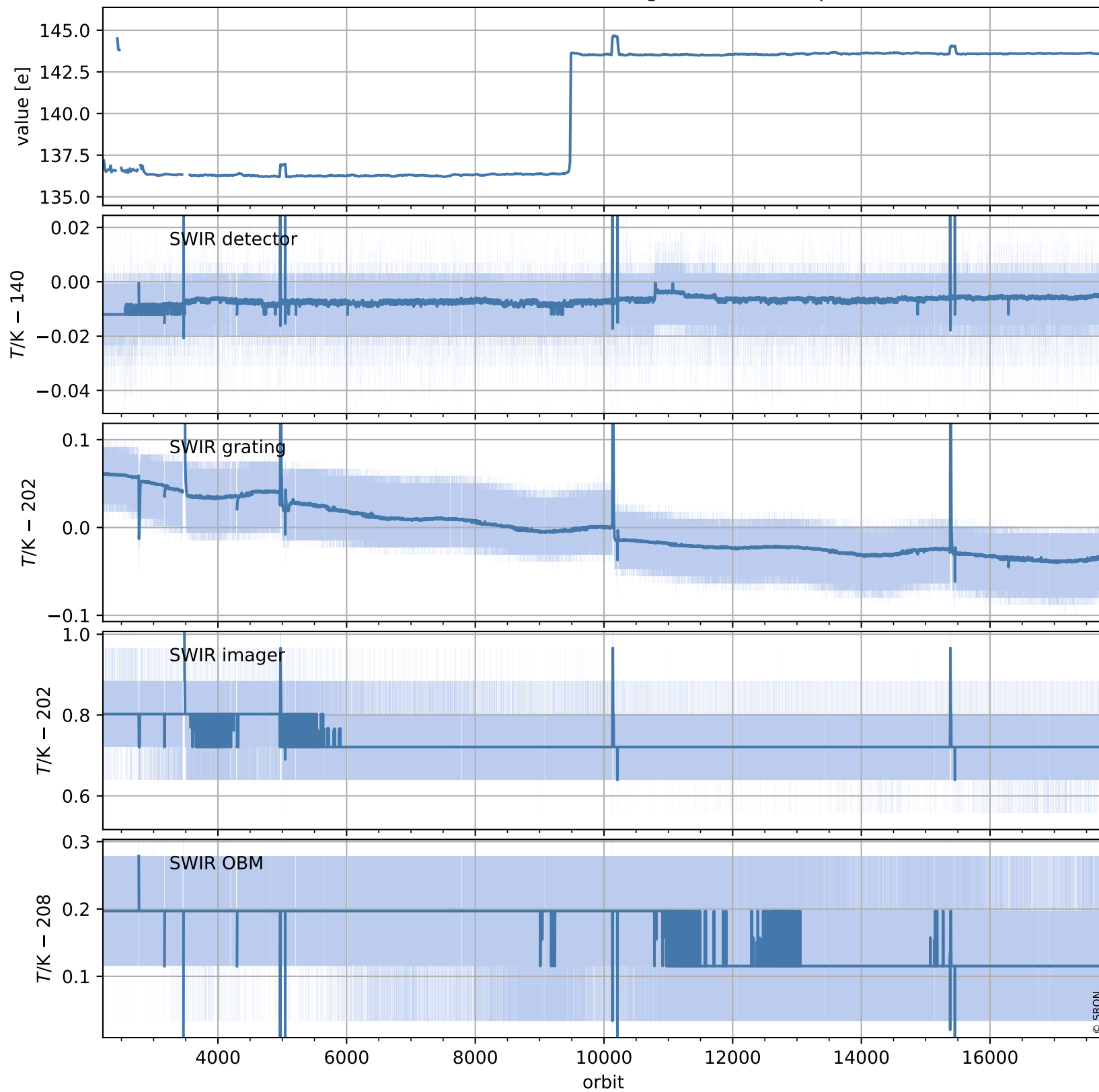
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17767]
coverage : 2018-03-18 / 2021-03-18
created : 2023-08-21T15:55:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17767]
coverage : 2018-03-18 / 2021-03-18
created : 2023-08-21T15:55:27

trend of normalized read-noise & temperatures

