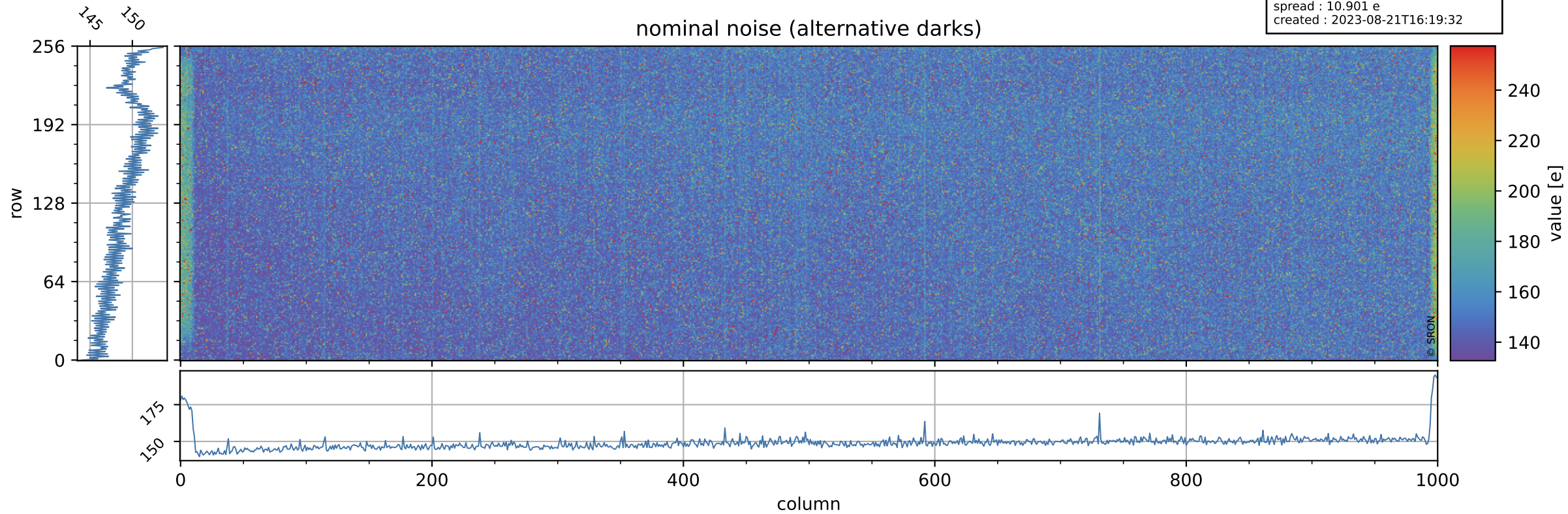


Tropomi SWIR background noise (swir)

orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 10.901 e
created : 2023-08-21T16:19:32

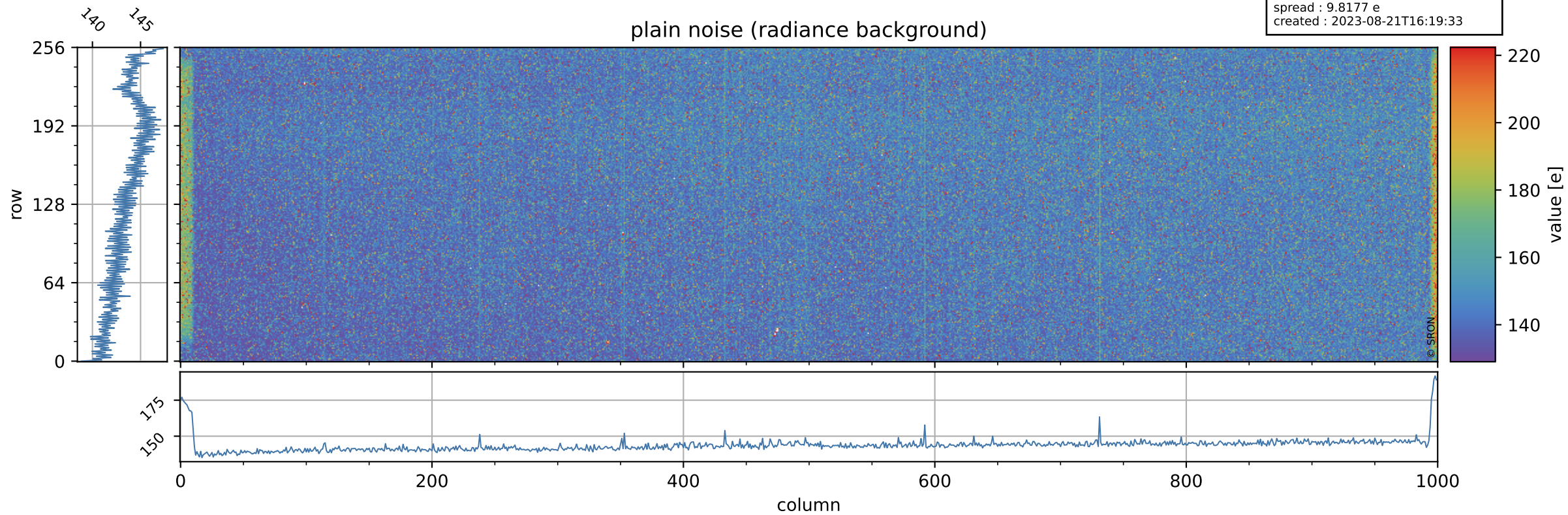
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
n_coad, t_exp : 1, 0.8383
median : 143.45 e
spread : 9.8177 e
created : 2023-08-21T16:19:33

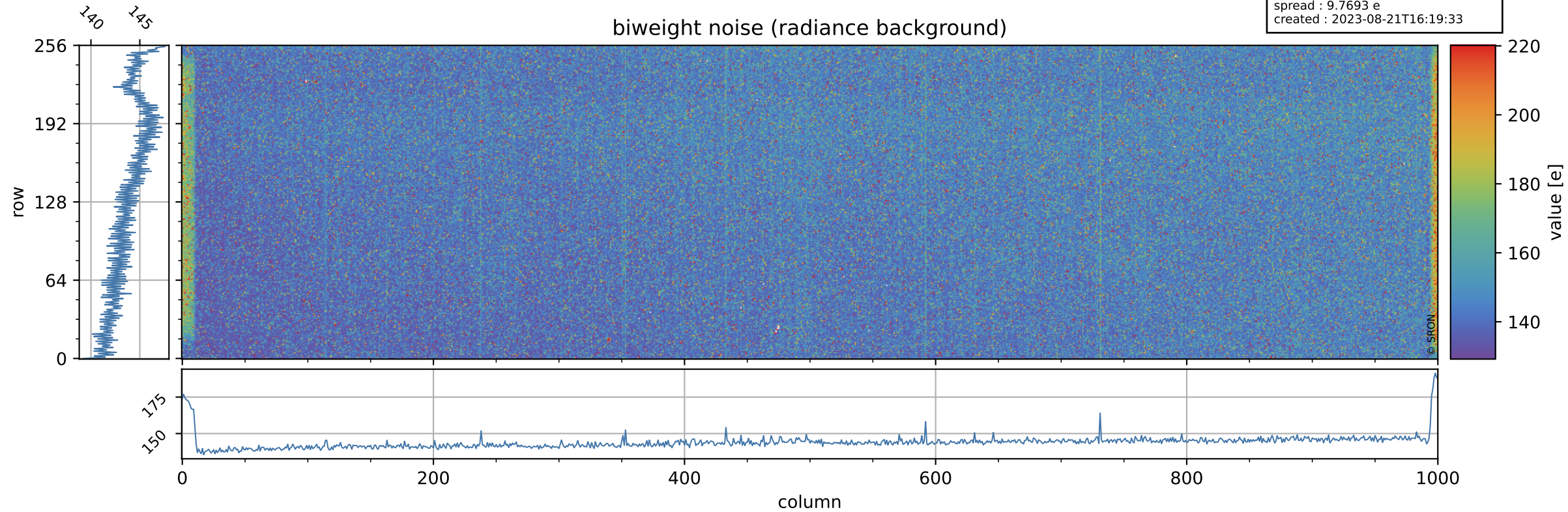
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7693 e
created : 2023-08-21T16:19:33

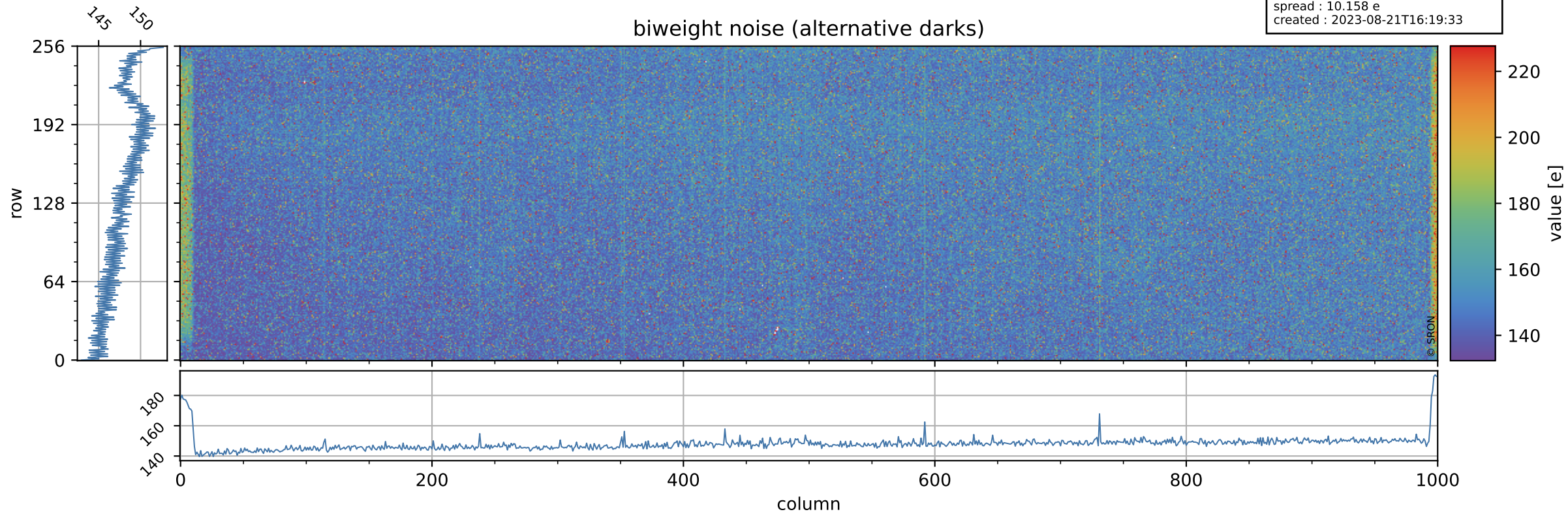
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.158 e
created : 2023-08-21T16:19:33

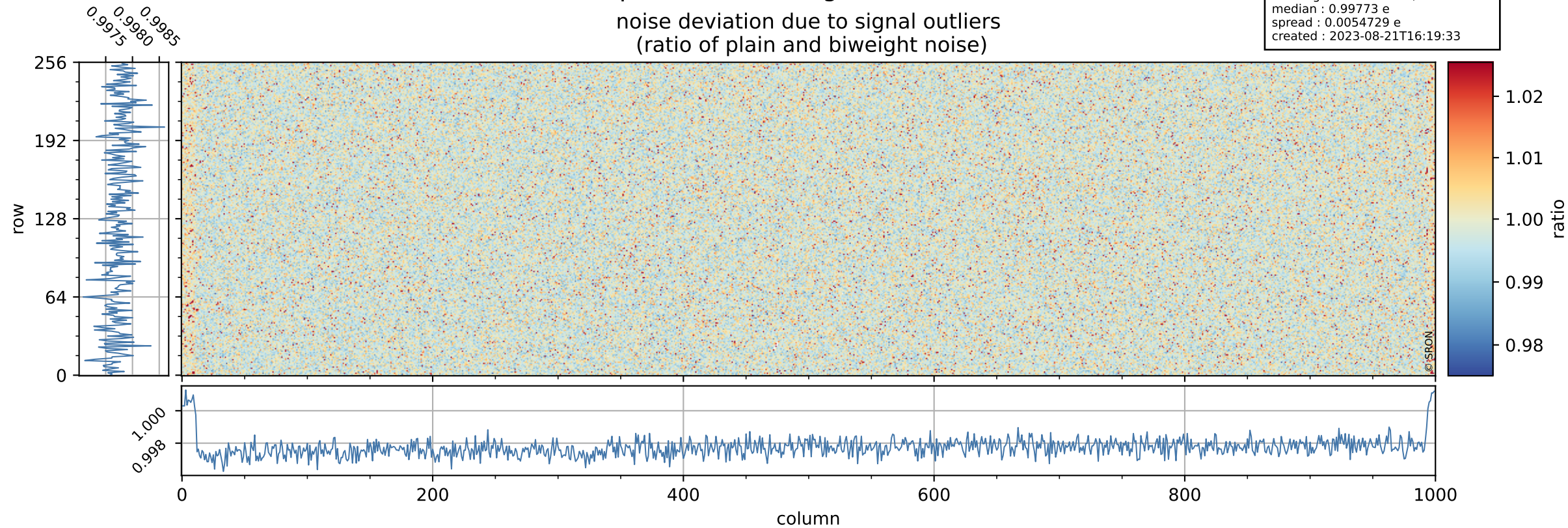
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

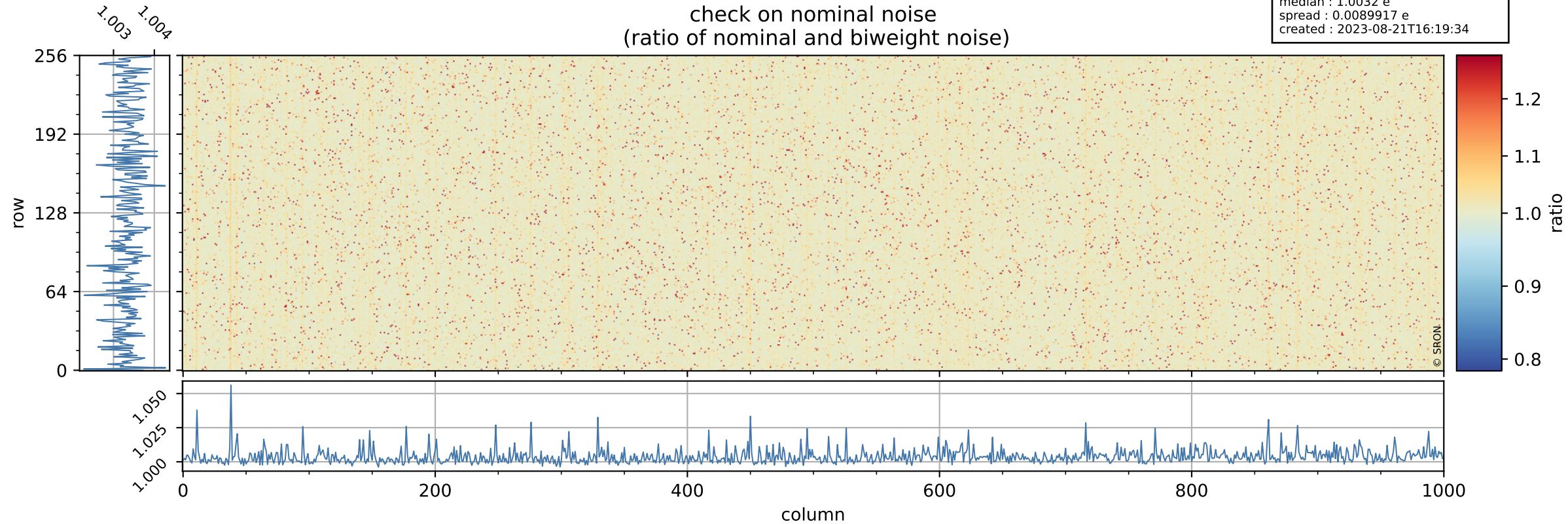
orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
median : 0.99773 e
spread : 0.0054729 e
created : 2023-08-21T16:19:33



Tropomi SWIR background noise (swir)

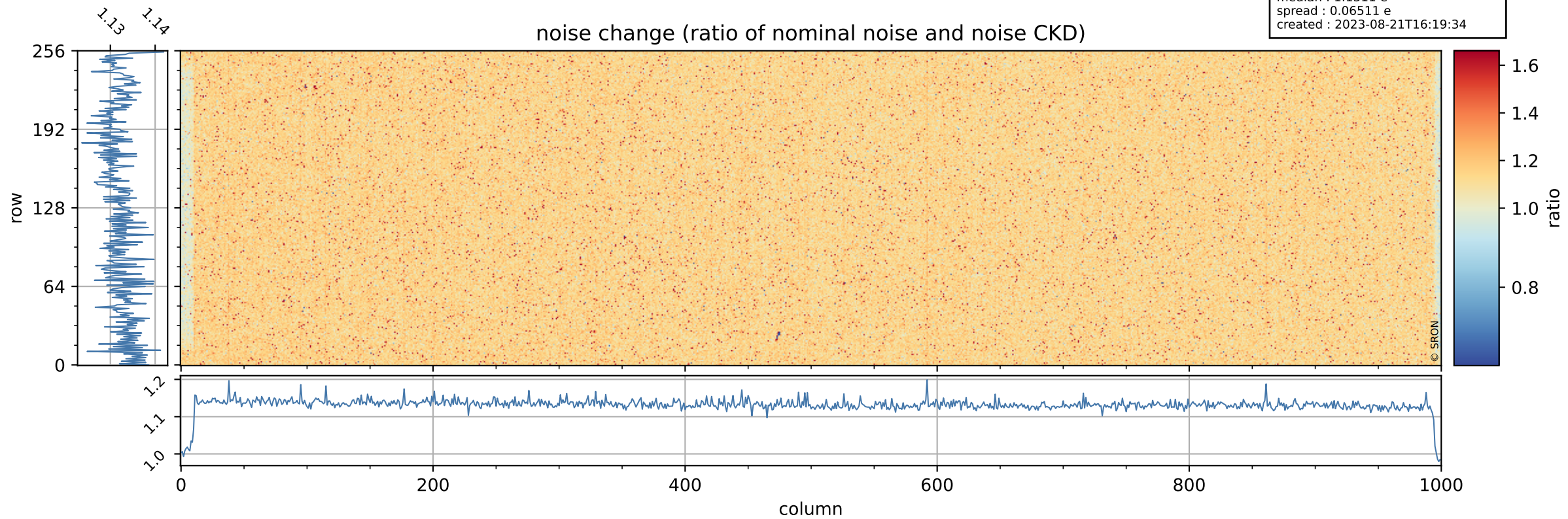
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
median : 1.0032 e
spread : 0.0089917 e
created : 2023-08-21T16:19:34



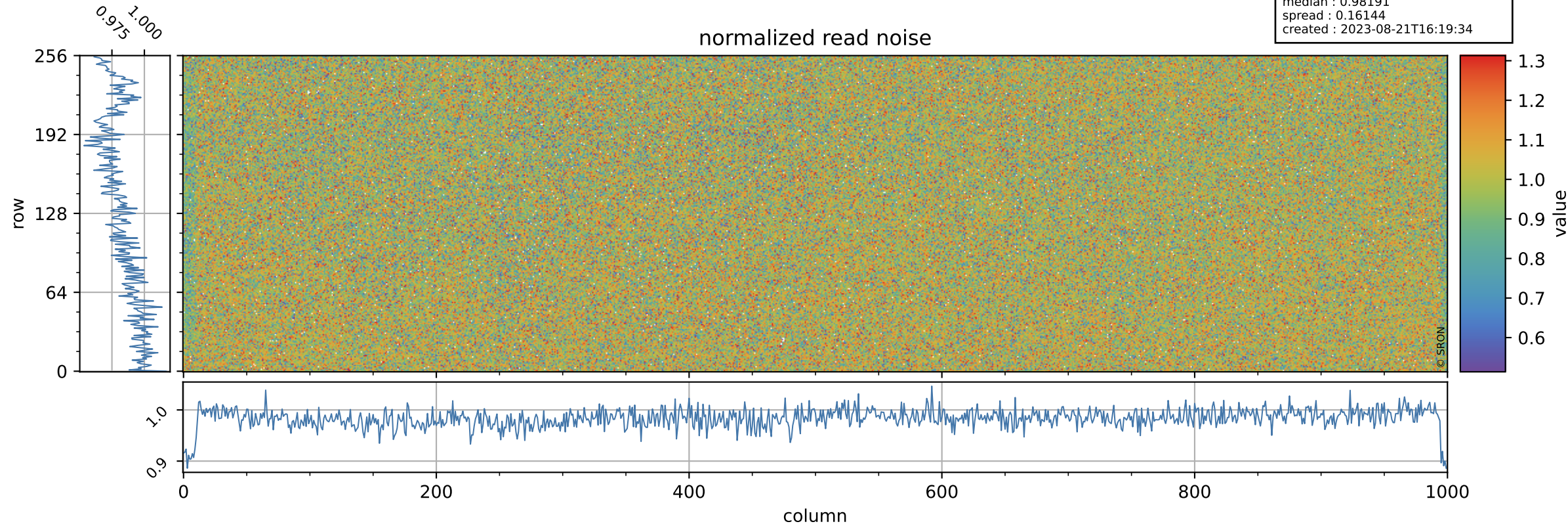
Tropomi SWIR background noise (swir)

orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
median : 1.1311 e
spread : 0.06511 e
created : 2023-08-21T16:19:34



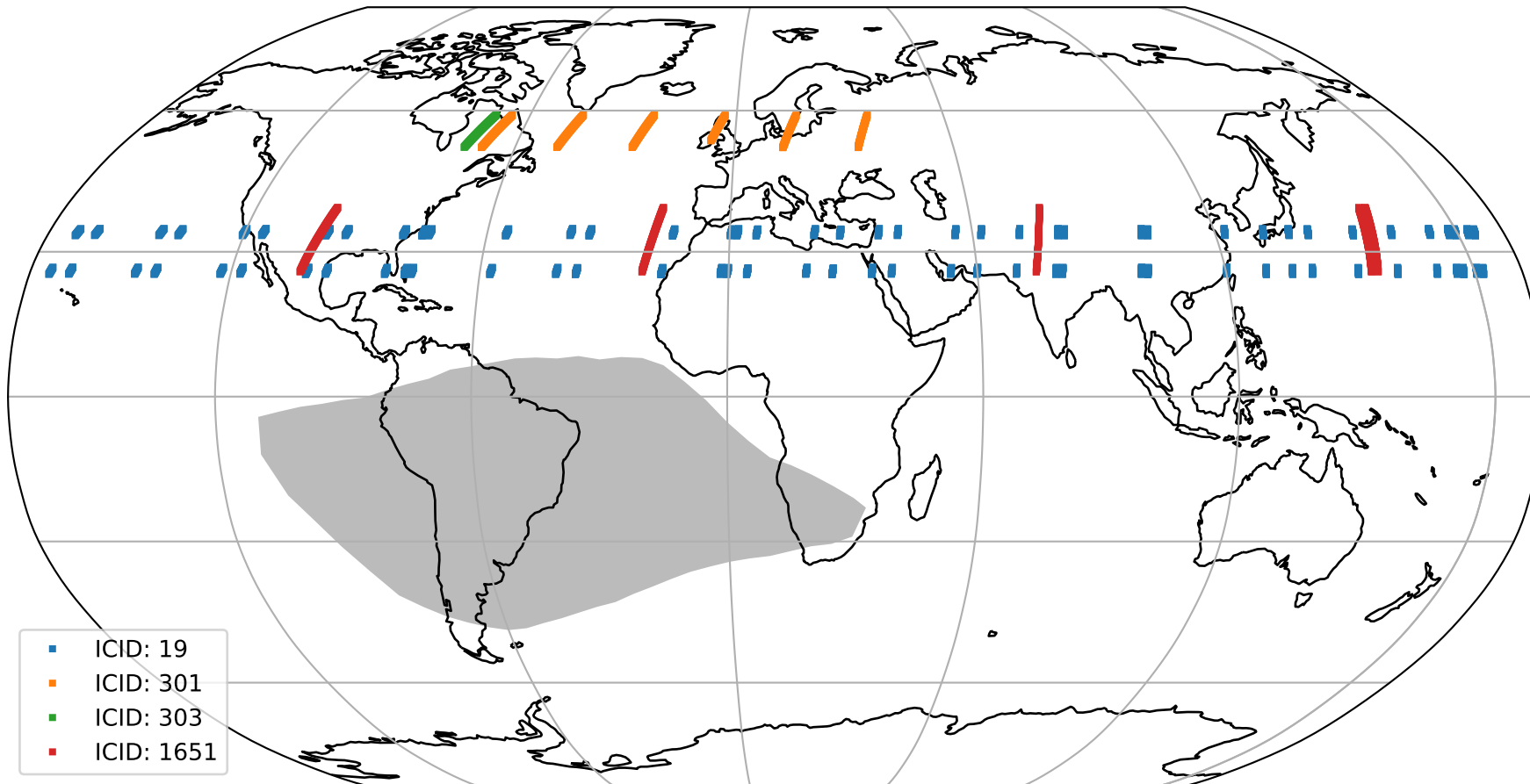
Tropomi SWIR background noise (swir)

orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
median : 0.98191
spread : 0.16144
created : 2023-08-21T16:19:34



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

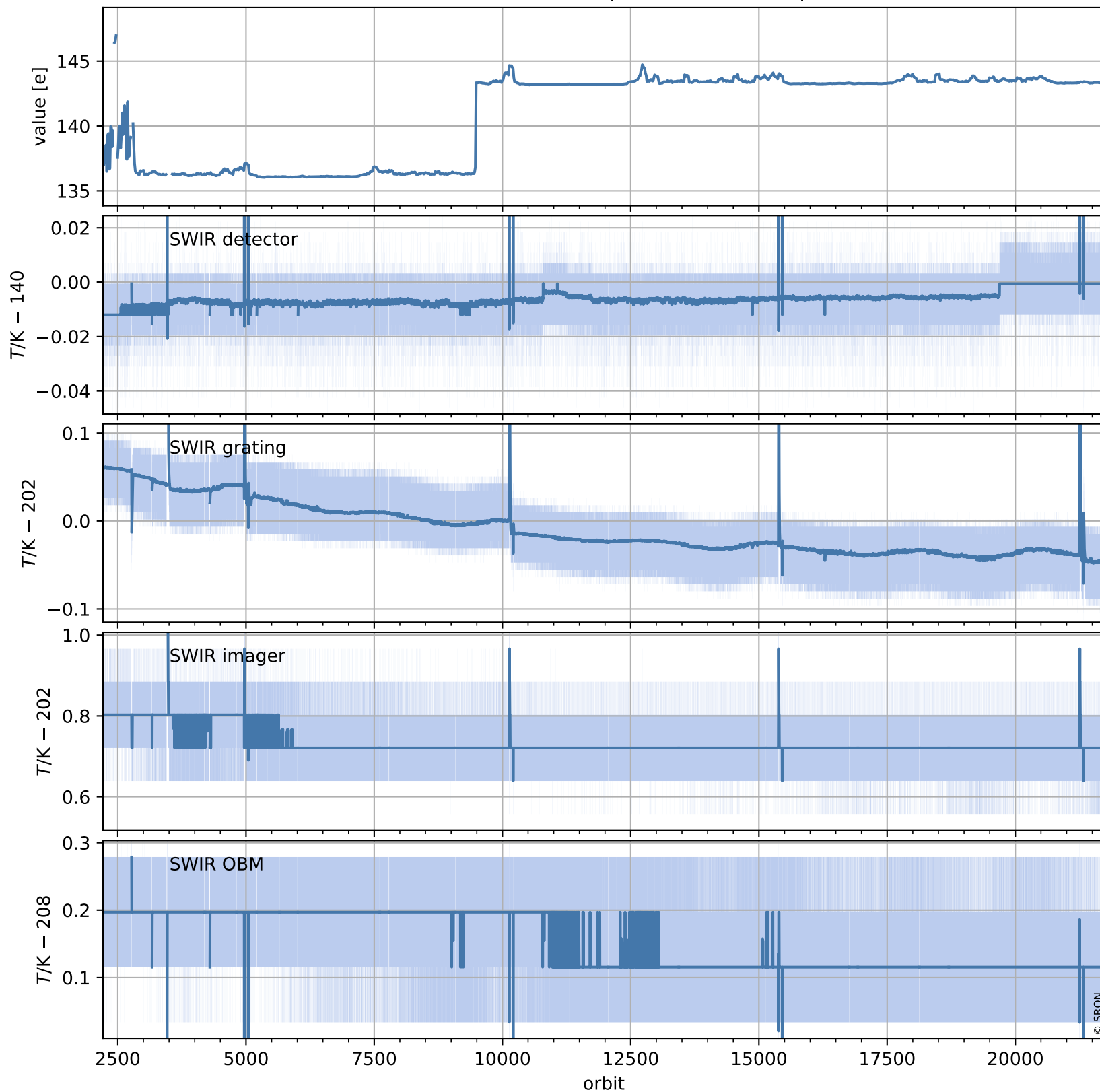
orbits : 12 in [21652, 21742]
coverage : 2021-12-17 / 2021-12-23
created : 2023-08-21T16:19:35



Tropomi SWIR background noise (swir)

orbits : [2212, 21742]
coverage : 2018-03-18 / 2021-12-23
created : 2023-08-21T16:19:35

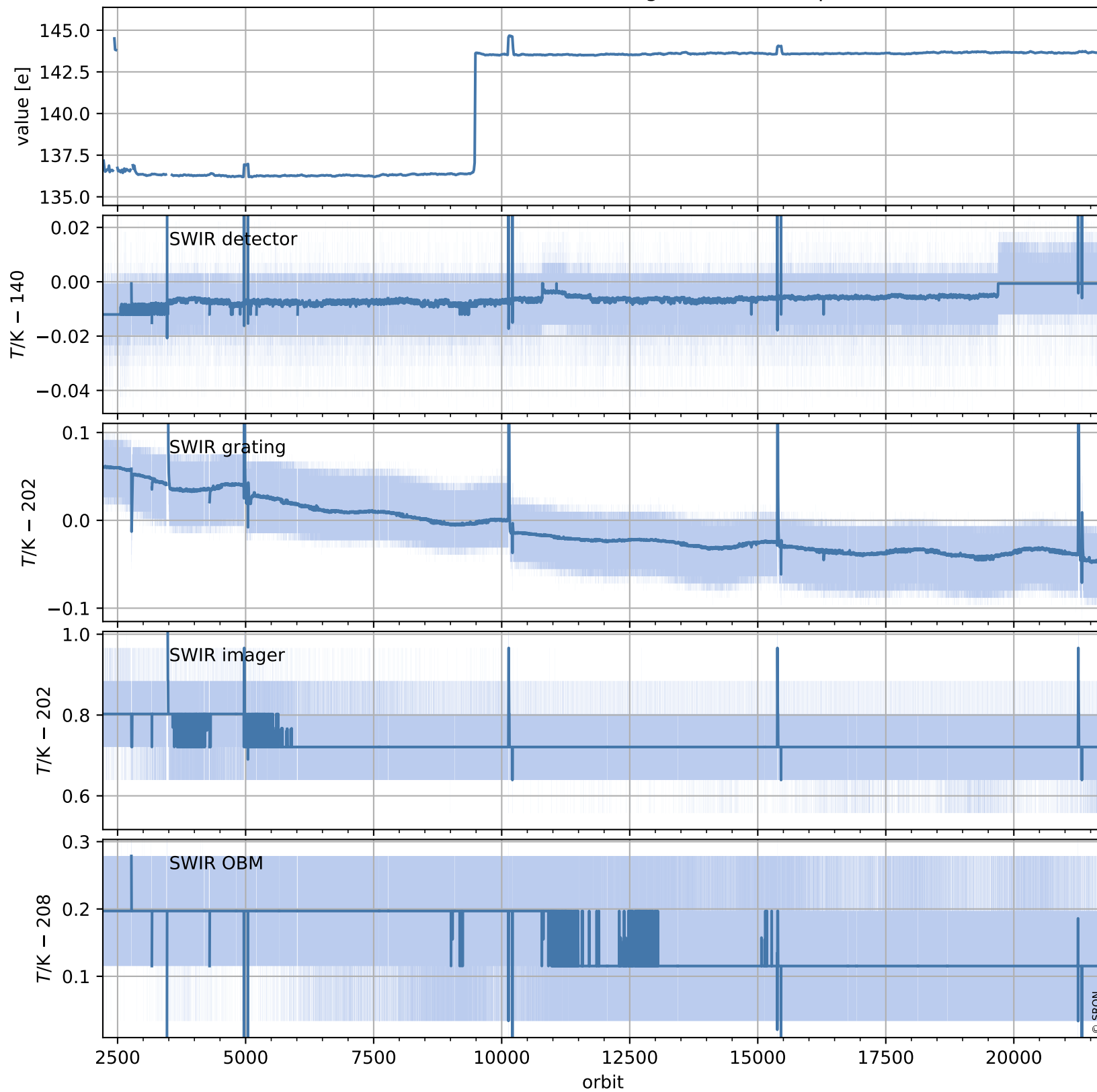
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21742]
coverage : 2018-03-18 / 2021-12-23
created : 2023-08-21T16:19:36

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21742]
coverage : 2018-03-18 / 2021-12-23
created : 2023-08-21T16:19:37

trend of normalized read-noise & temperatures

