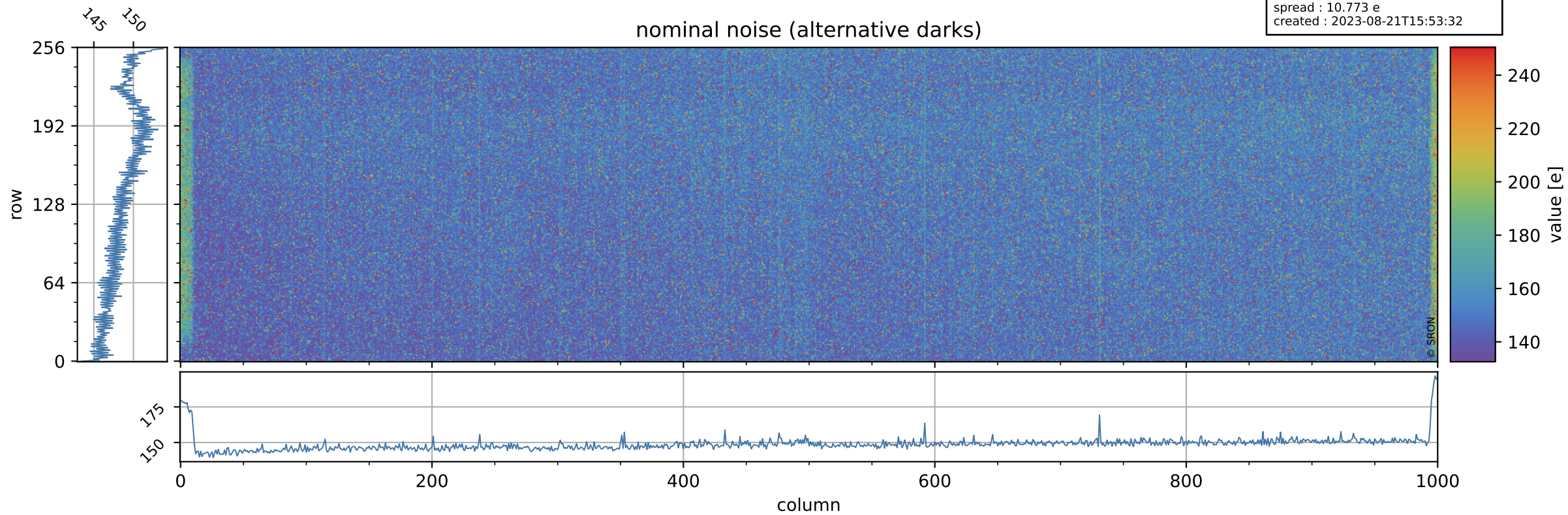


Tropomi SWIR background noise (swir)

orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.773 e
created : 2023-08-21T15:53:32

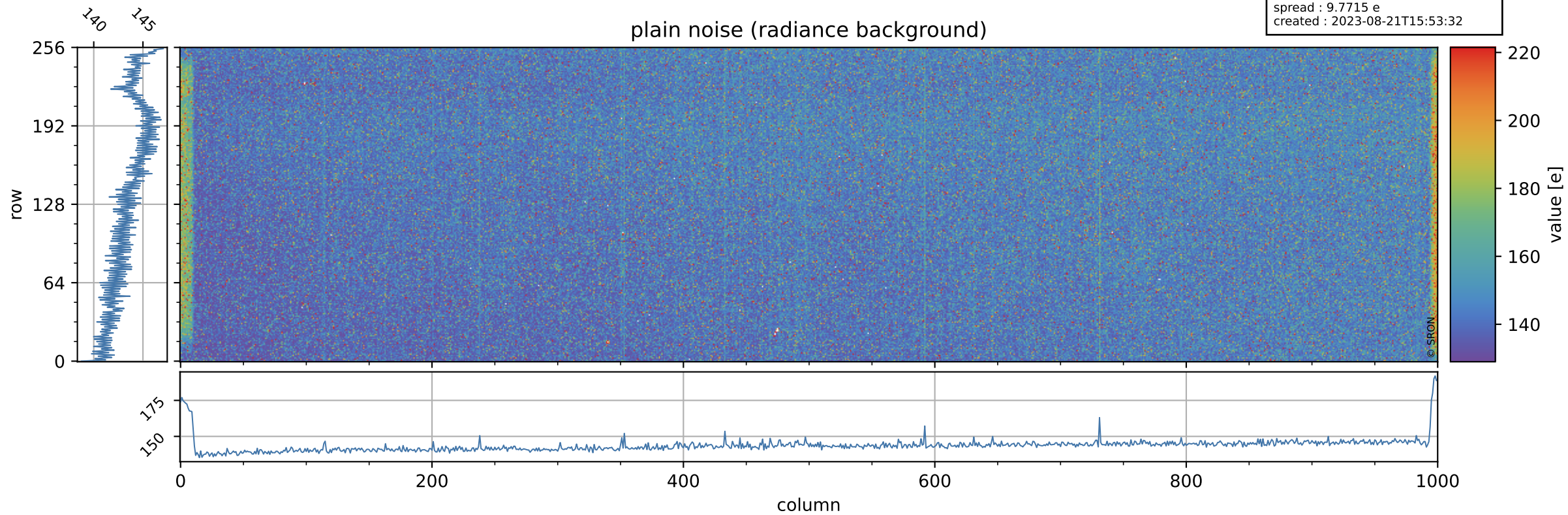
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7715 e
created : 2023-08-21T15:53:32

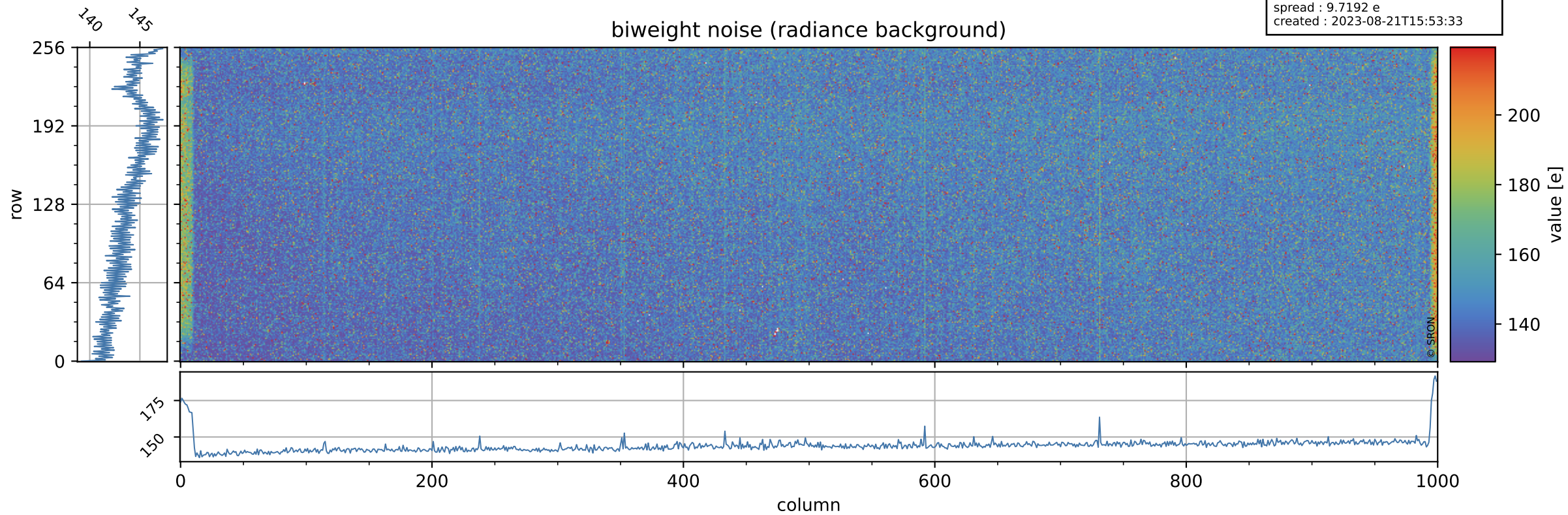
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7192 e
created : 2023-08-21T15:53:33

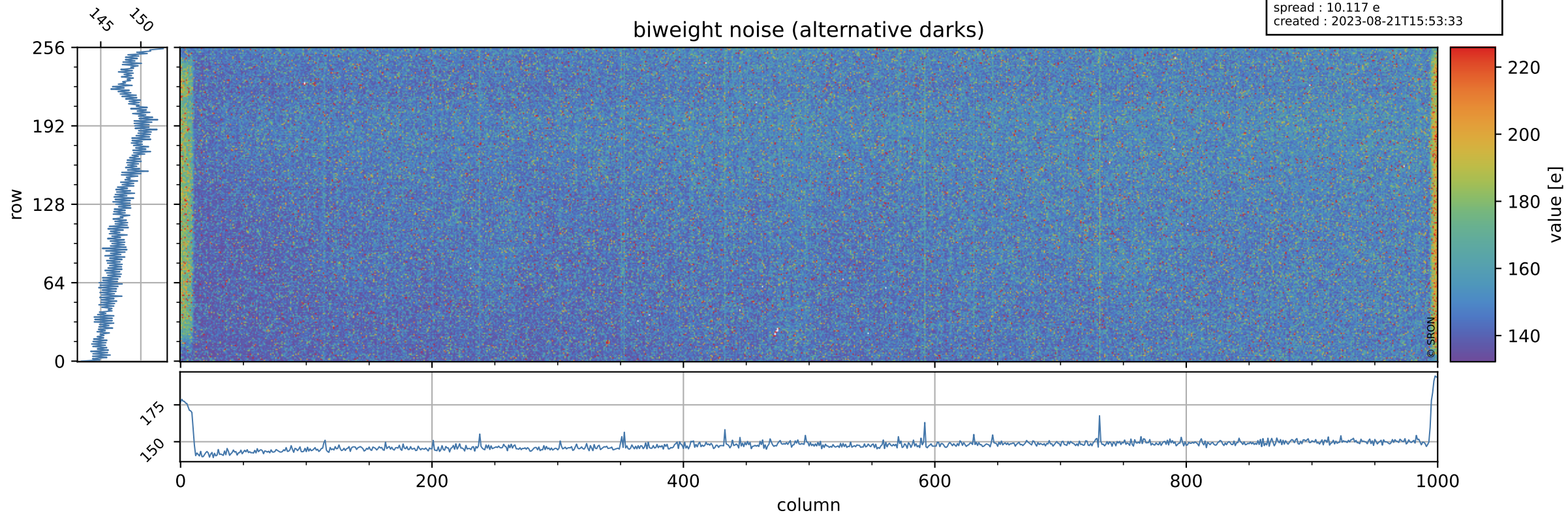
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
n_coad, t_exp : 1, 1.0783
median : 147.72 e
spread : 10.117 e
created : 2023-08-21T15:53:33

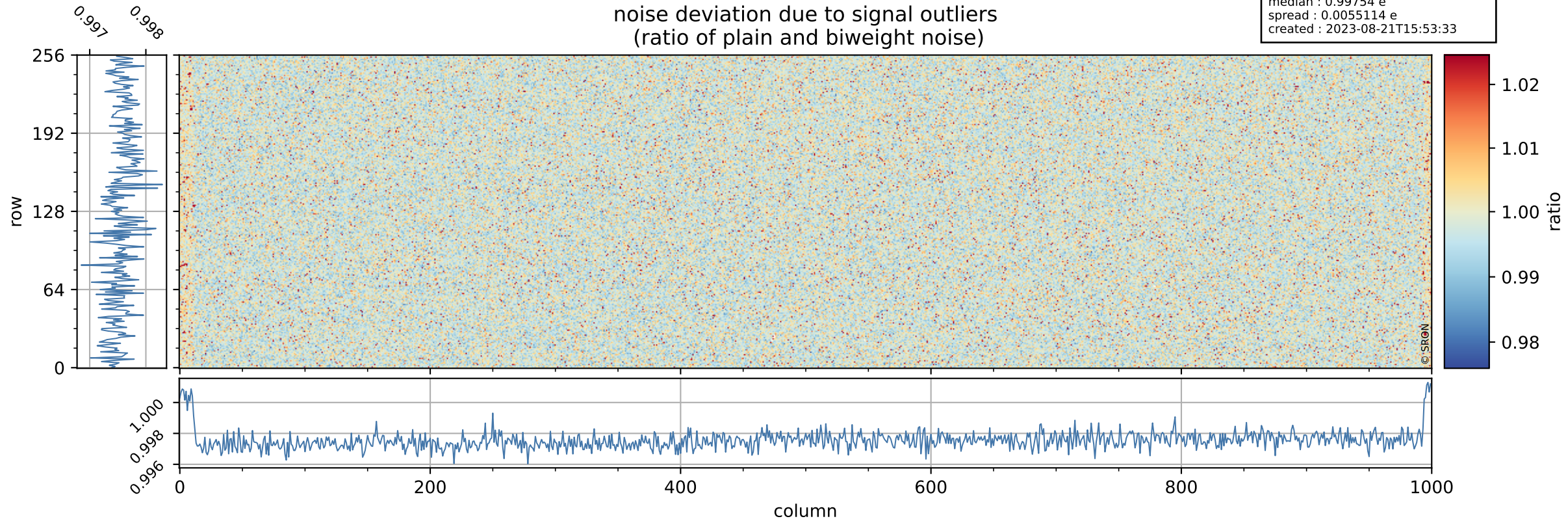
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

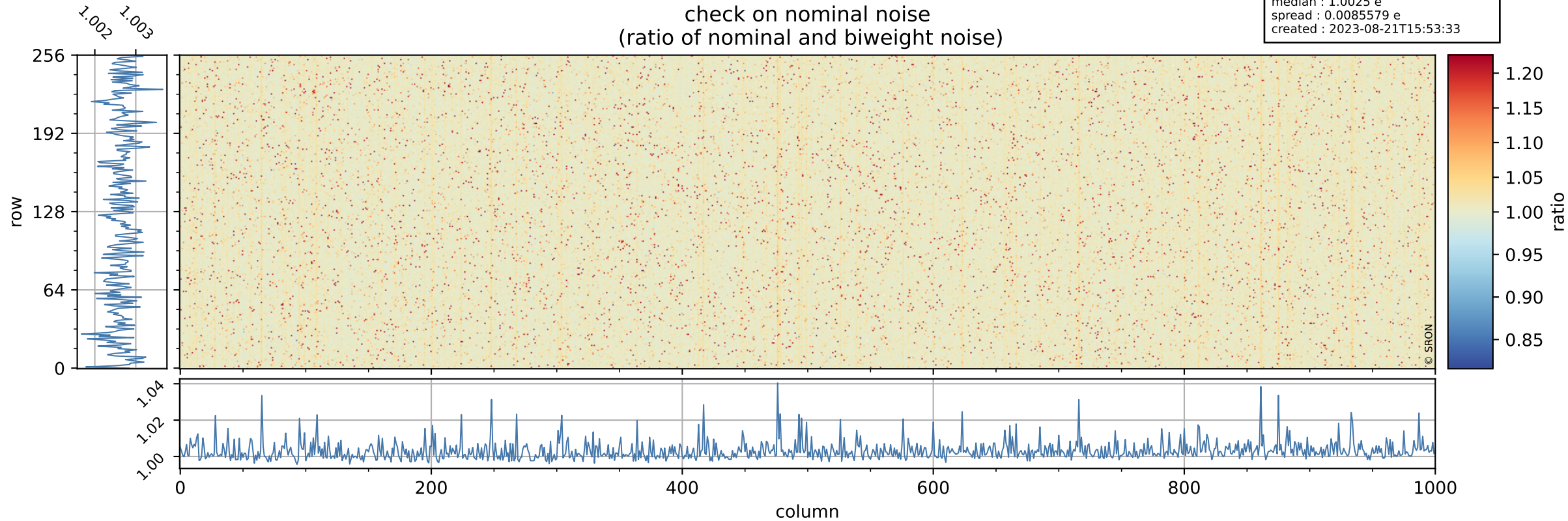
orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
median : 0.99754 e
spread : 0.0055114 e
created : 2023-08-21T15:53:33



Tropomi SWIR background noise (swir)

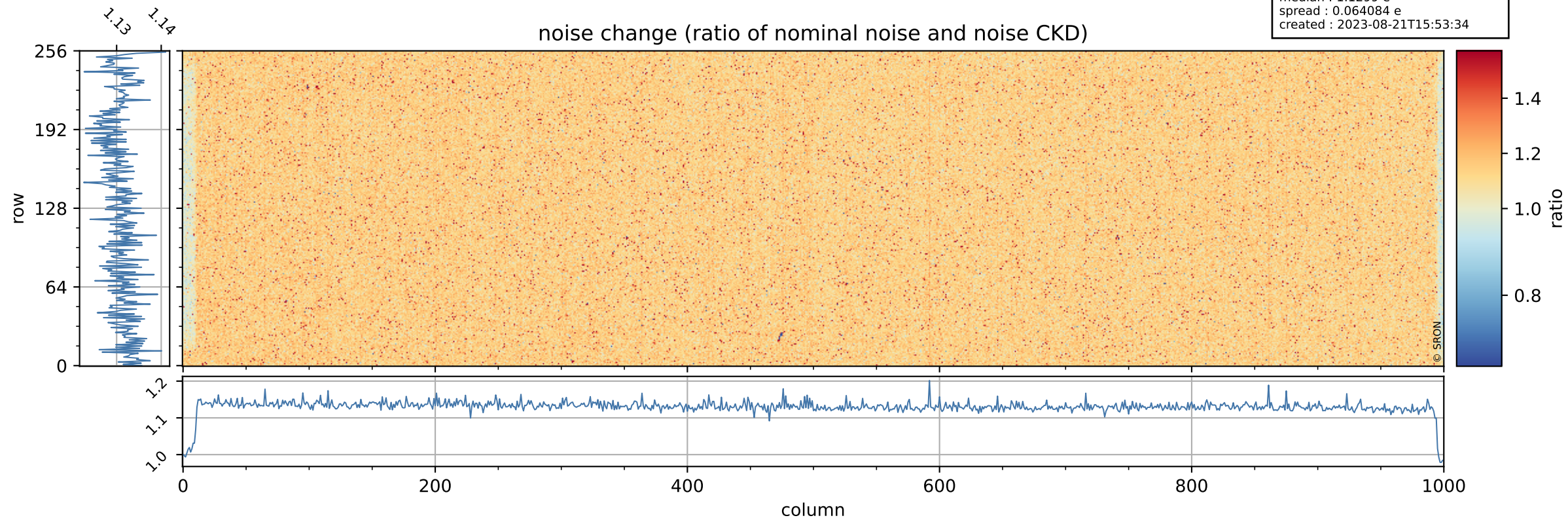
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
median : 1.0025 e
spread : 0.0085579 e
created : 2023-08-21T15:53:33



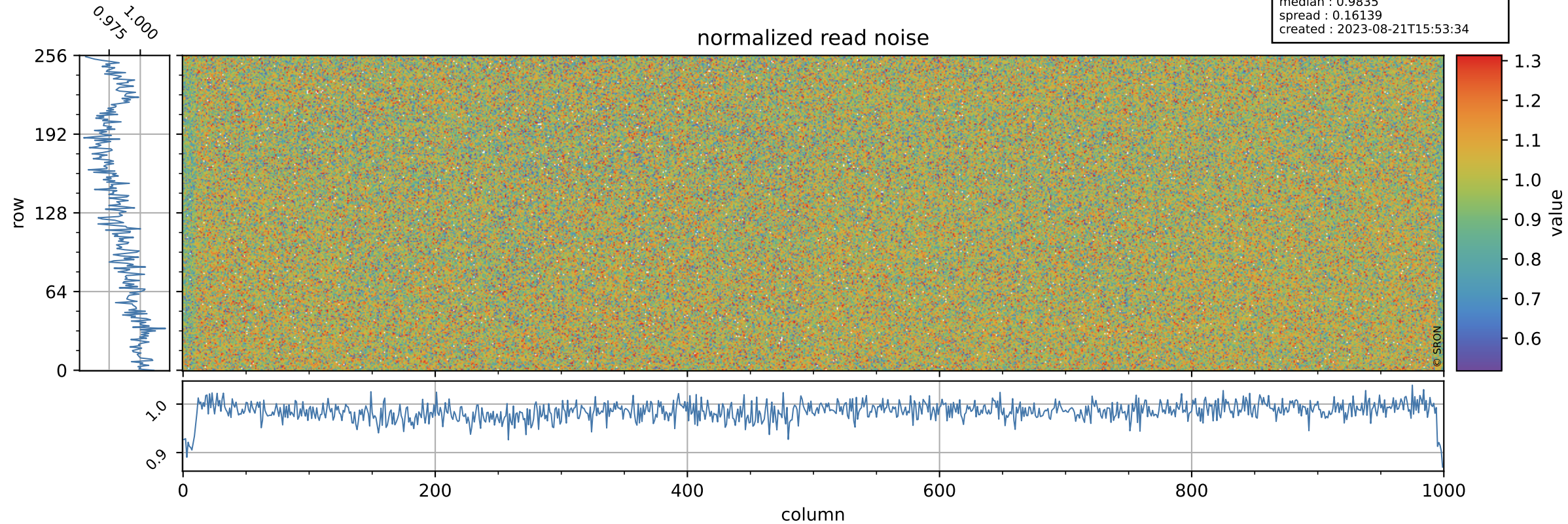
Tropomi SWIR background noise (swir)

orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
median : 1.1299 e
spread : 0.064084 e
created : 2023-08-21T15:53:34



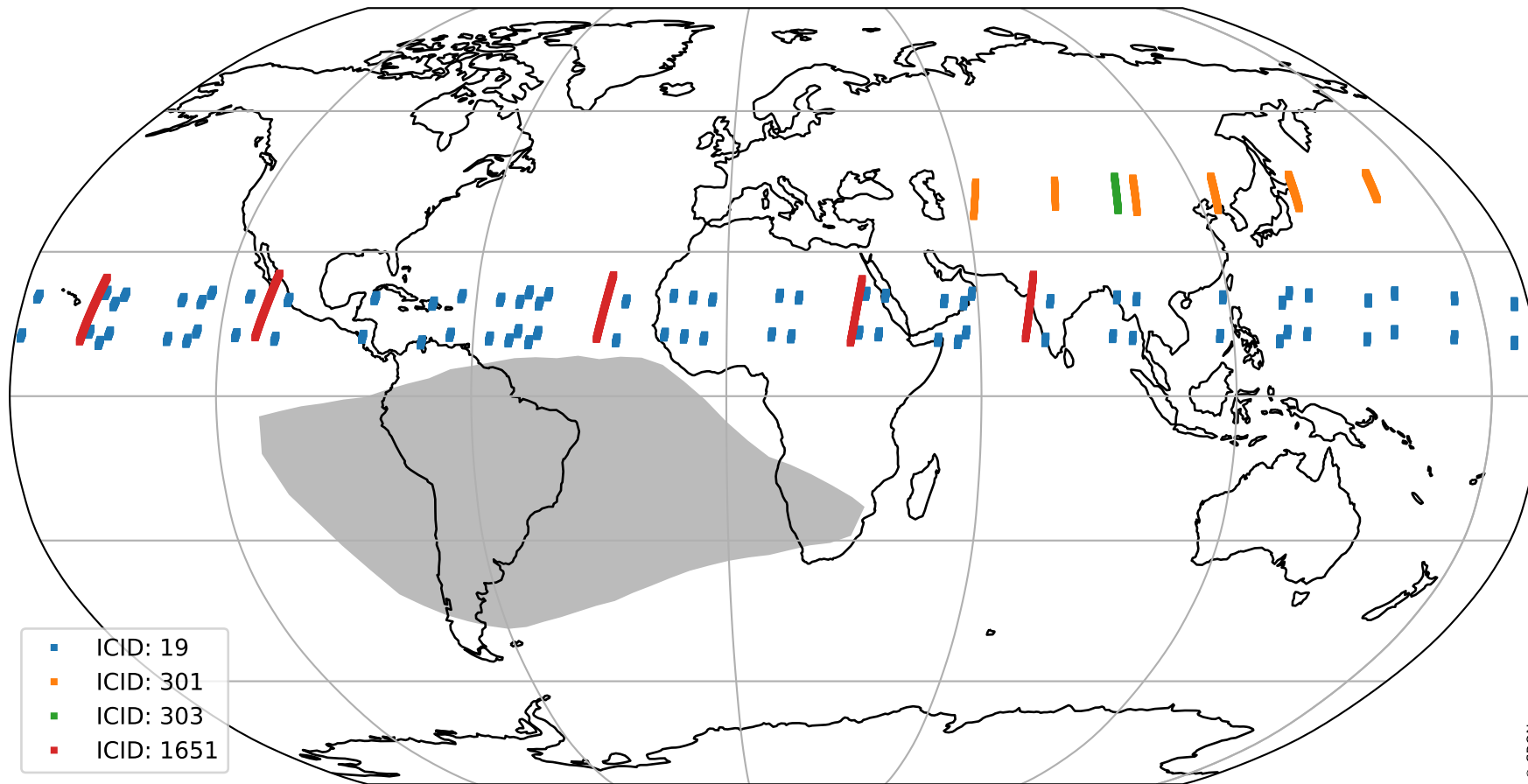
Tropomi SWIR background noise (swir)

orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
median : 0.9835
spread : 0.16139
created : 2023-08-21T15:53:34



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

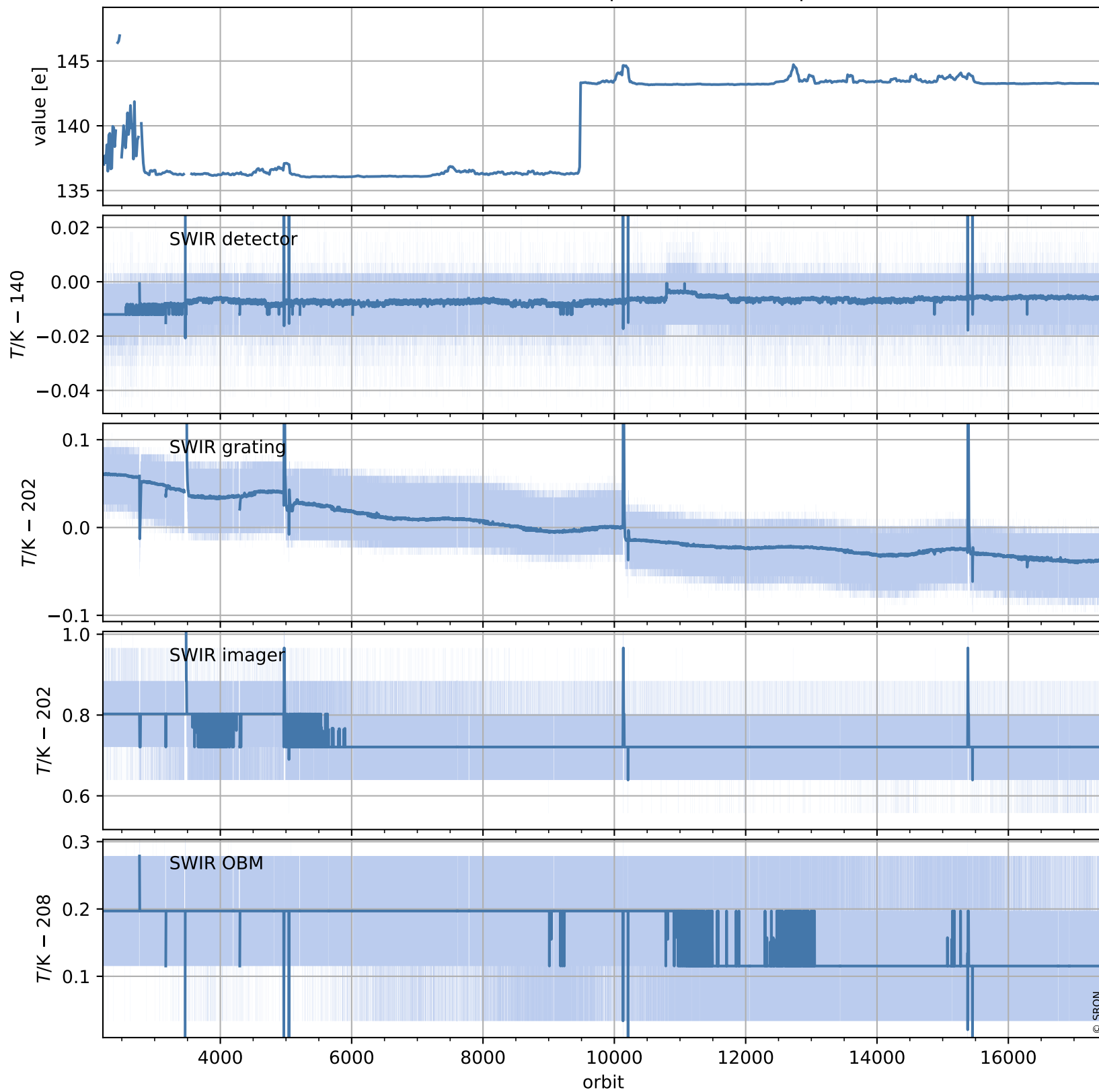
orbits : 12 in [17362, 17452]
coverage : 2021-02-18 / 2021-02-23
created : 2023-08-21T15:53:34



Tropomi SWIR background noise (swir)

orbits : [2212, 17452]
coverage : 2018-03-18 / 2021-02-23
created : 2023-08-21T15:53:35

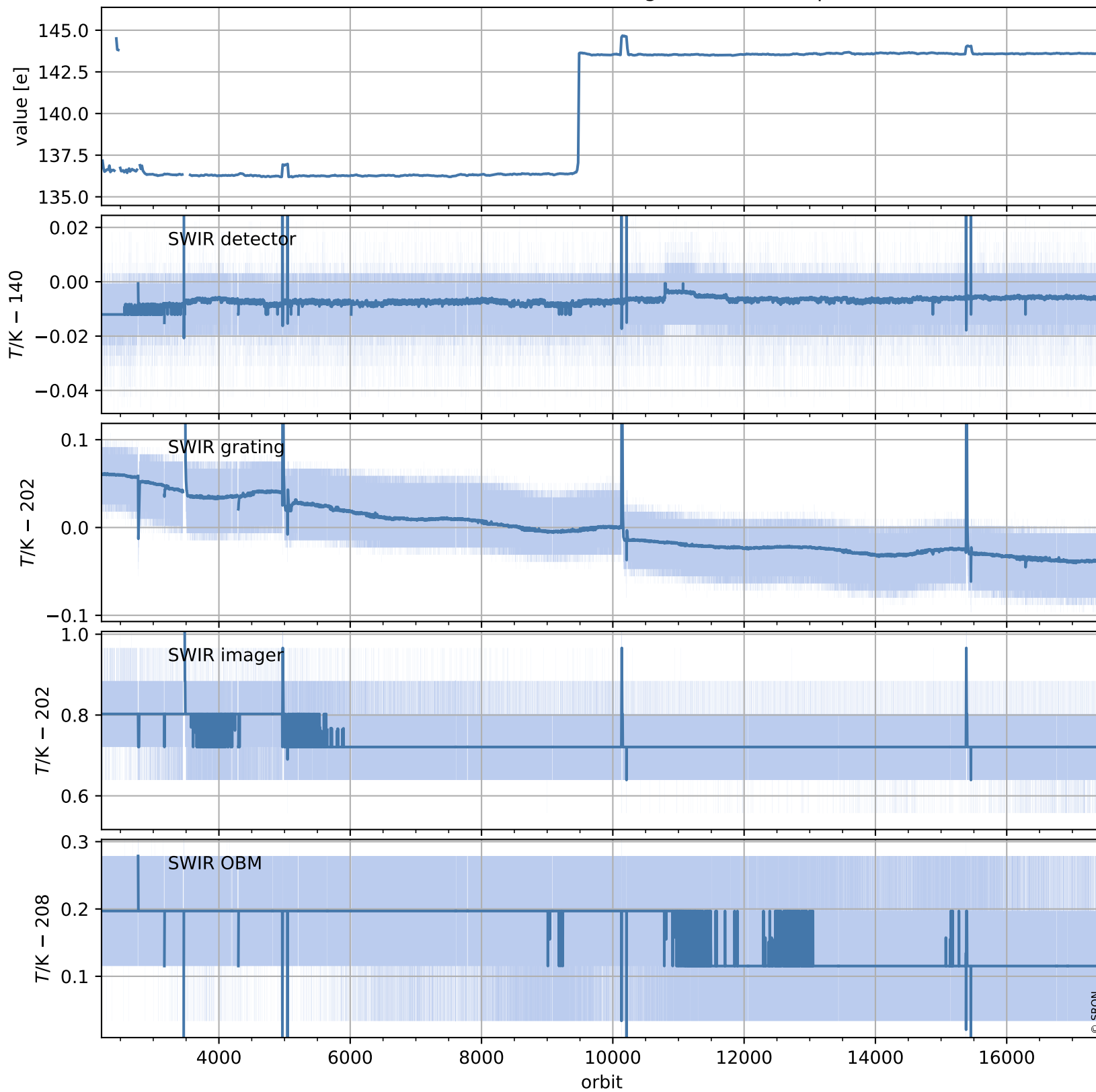
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17452]
coverage : 2018-03-18 / 2021-02-23
created : 2023-08-21T15:53:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17452]
coverage : 2018-03-18 / 2021-02-23
created : 2023-08-21T15:53:36

trend of normalized read-noise & temperatures

