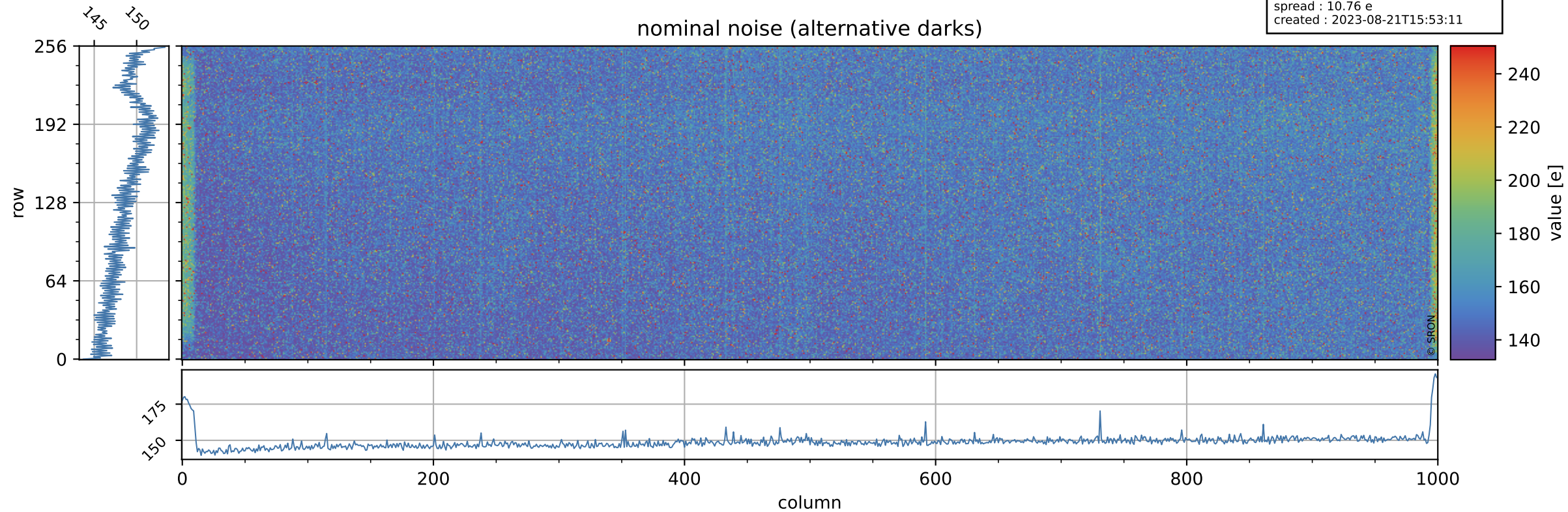


Tropomi SWIR background noise (swir)

orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
n_coad, t_exp : 1, 1.0783
median : 148.62 e
spread : 10.76 e
created : 2023-08-21T15:53:11

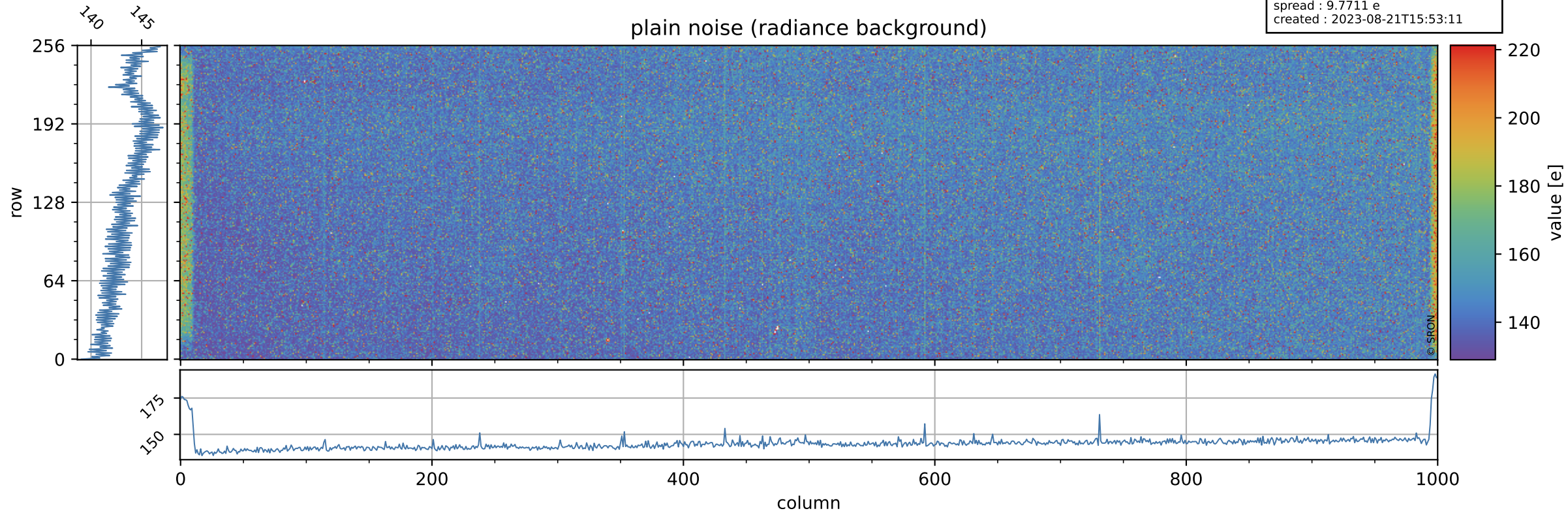
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7711 e
created : 2023-08-21T15:53:11

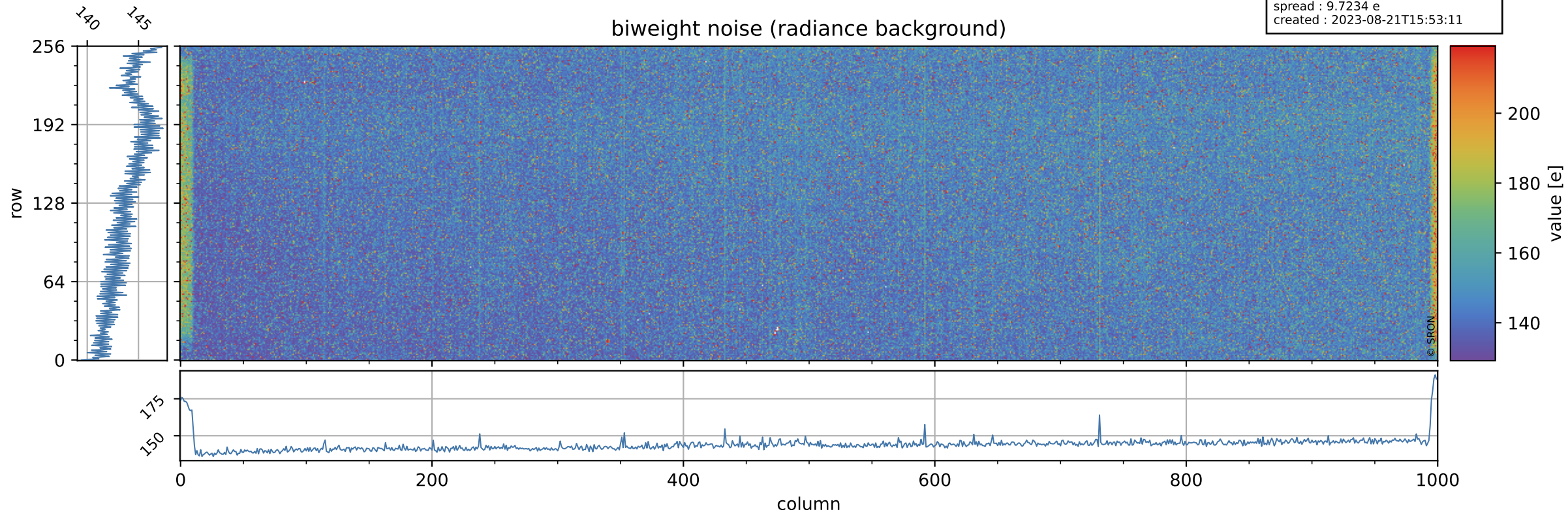
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
n_coad, t_exp : 1, 0.8383
median : 143.75 e
spread : 9.7234 e
created : 2023-08-21T15:53:11

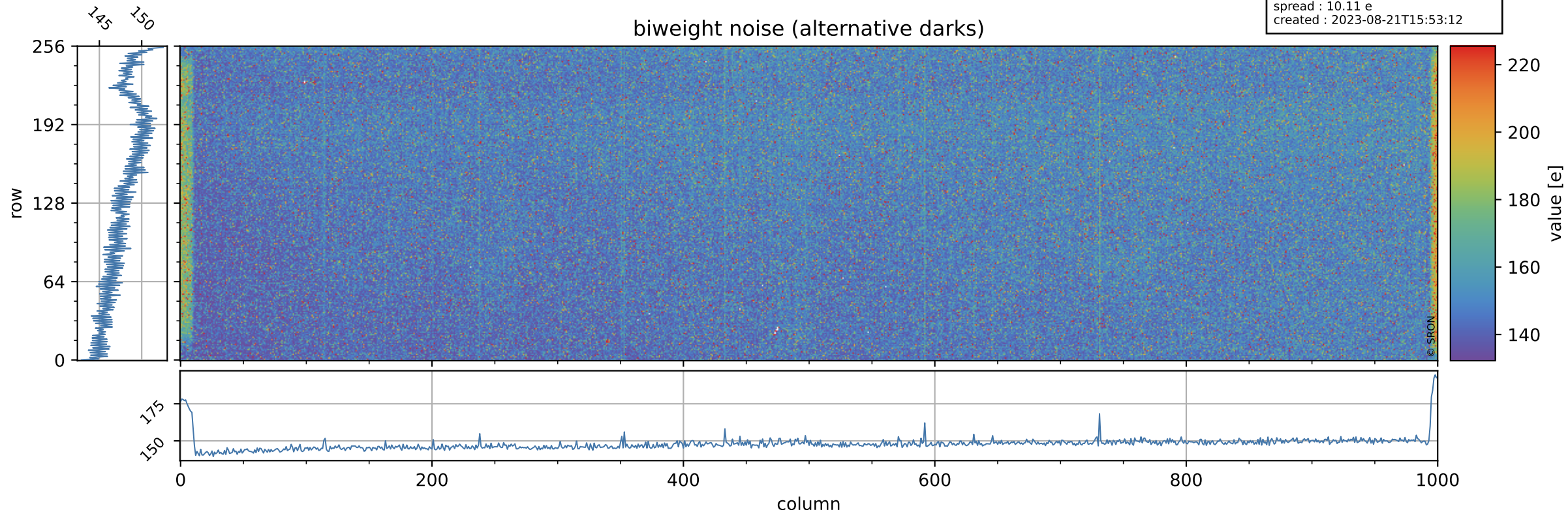
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.11 e
created : 2023-08-21T15:53:12

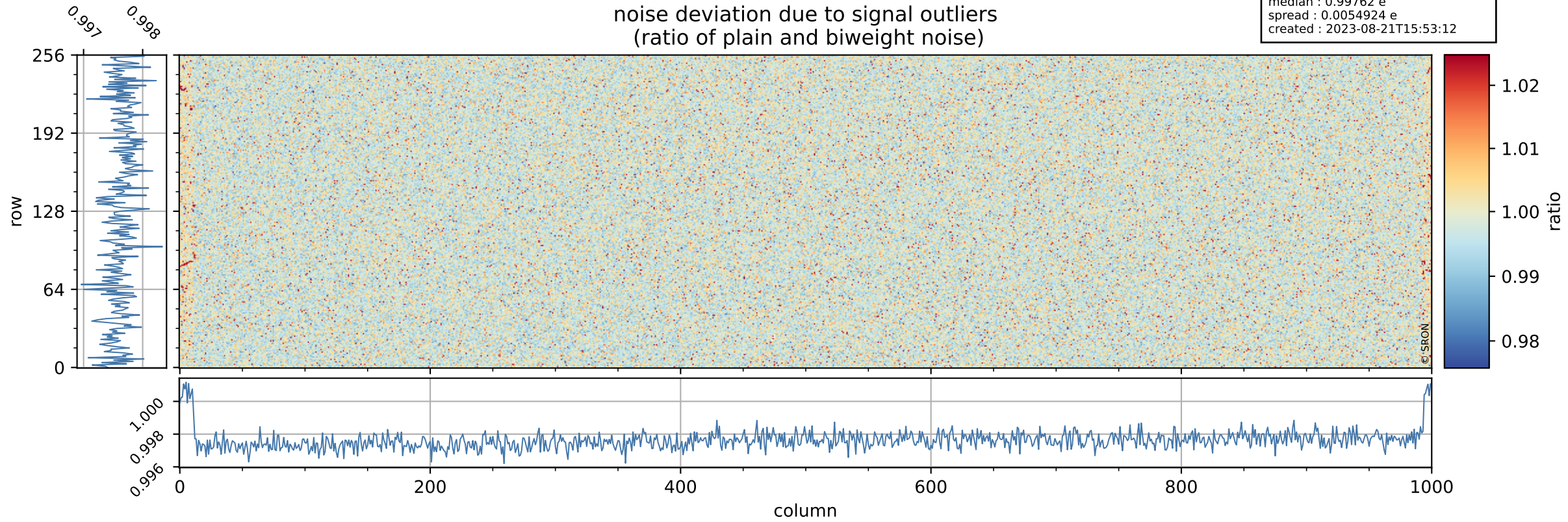
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

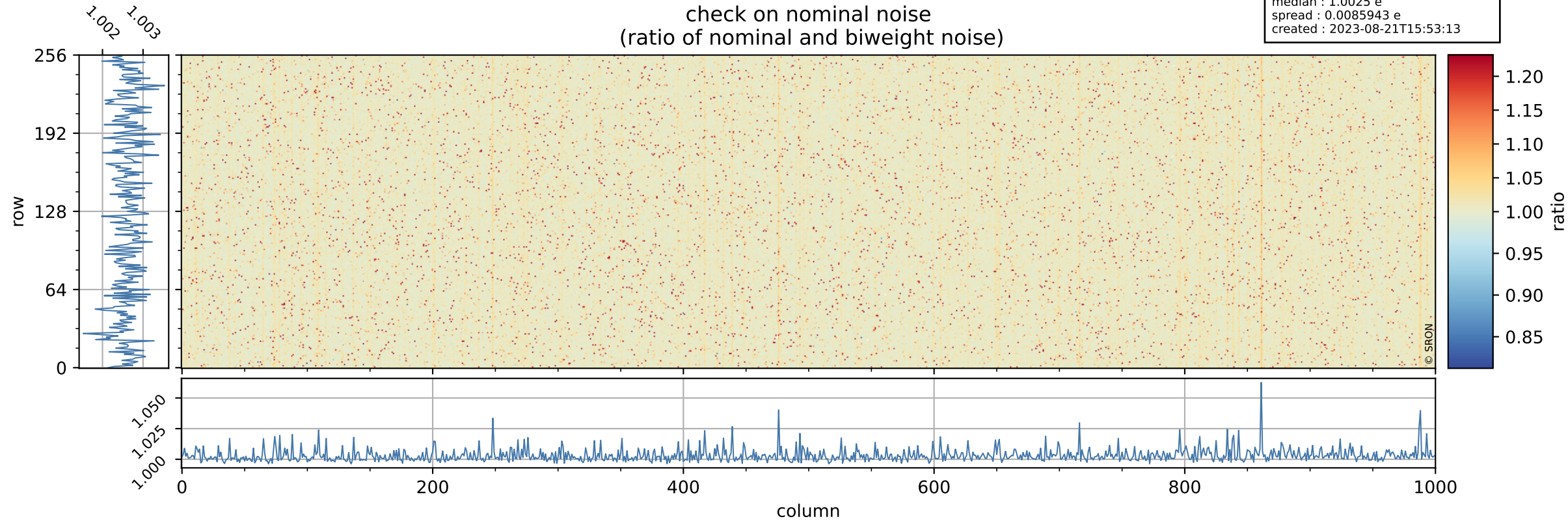
orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
median : 0.99762 e
spread : 0.0054924 e
created : 2023-08-21T15:53:12



Tropomi SWIR background noise (swir)

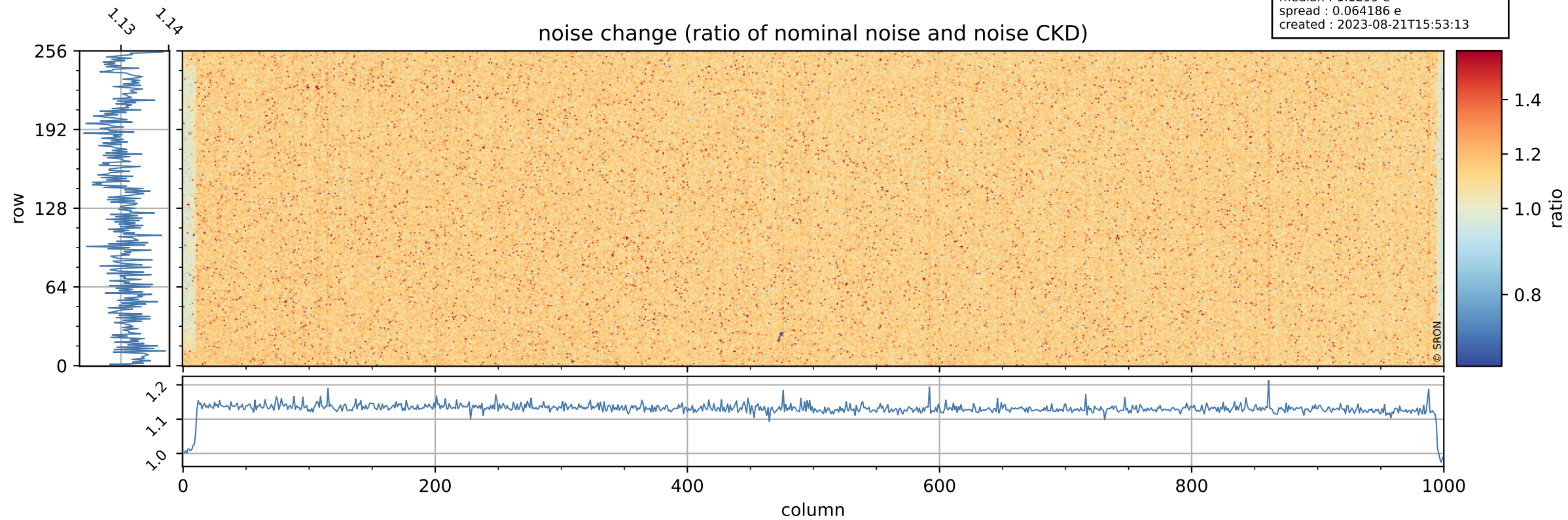
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
median : 1.0025 e
spread : 0.0085943 e
created : 2023-08-21T15:53:13



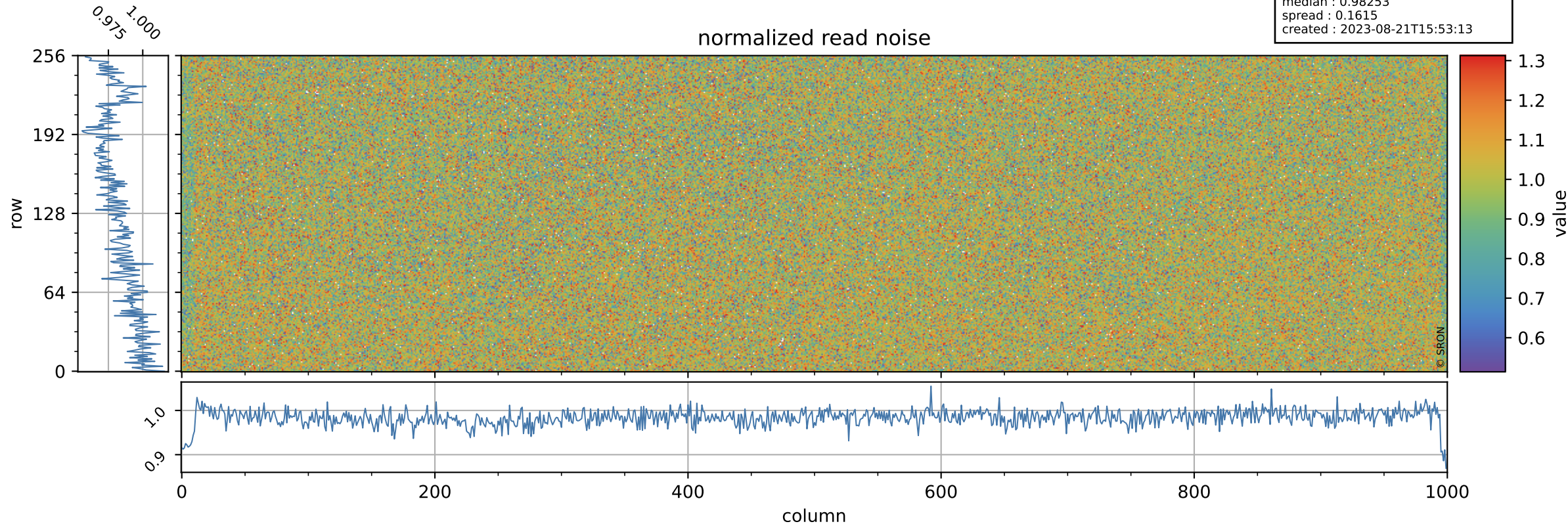
Tropomi SWIR background noise (swir)

orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
median : 1.1299 e
spread : 0.064186 e
created : 2023-08-21T15:53:13



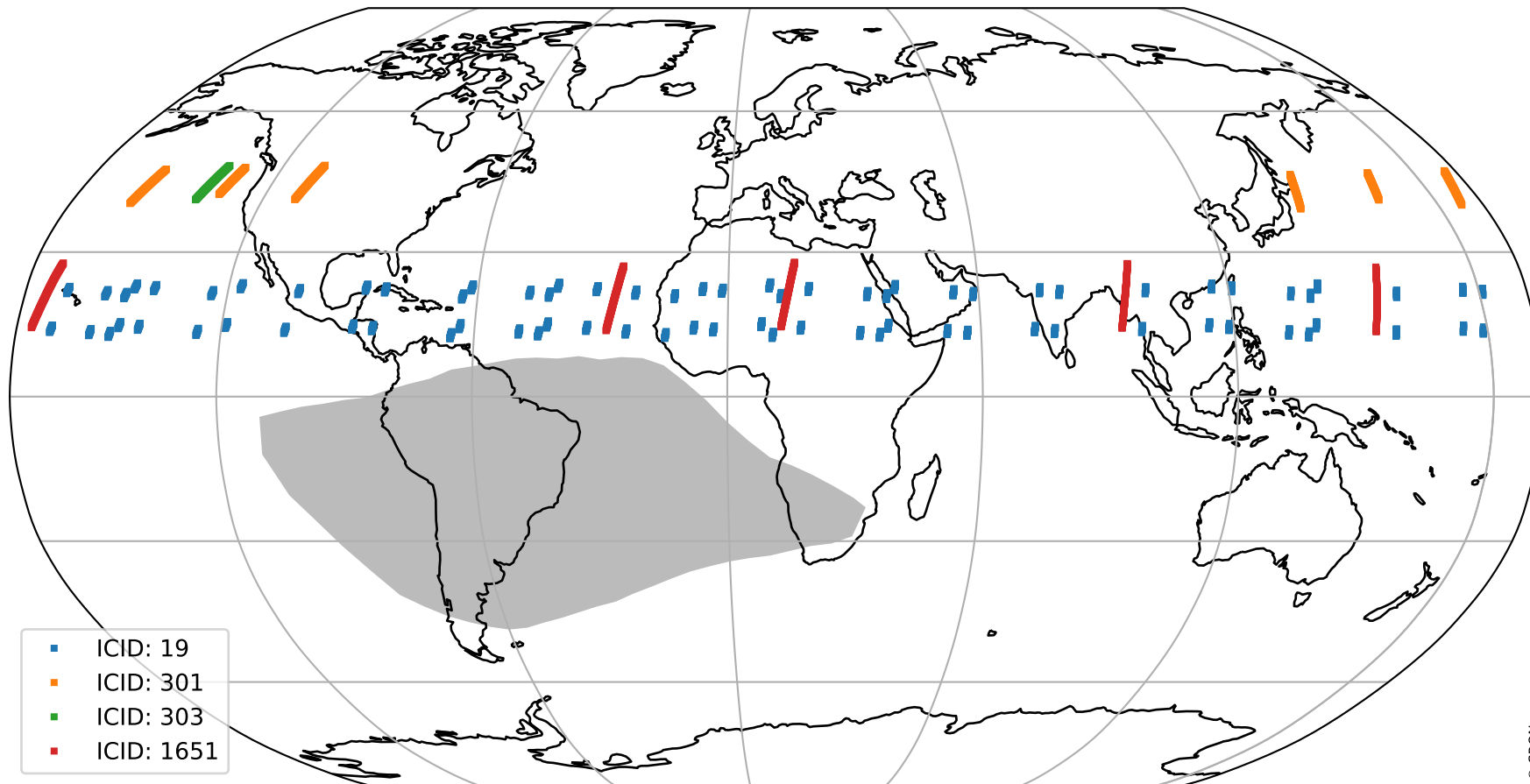
Tropomi SWIR background noise (swir)

orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
median : 0.98253
spread : 0.1615
created : 2023-08-21T15:53:13



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

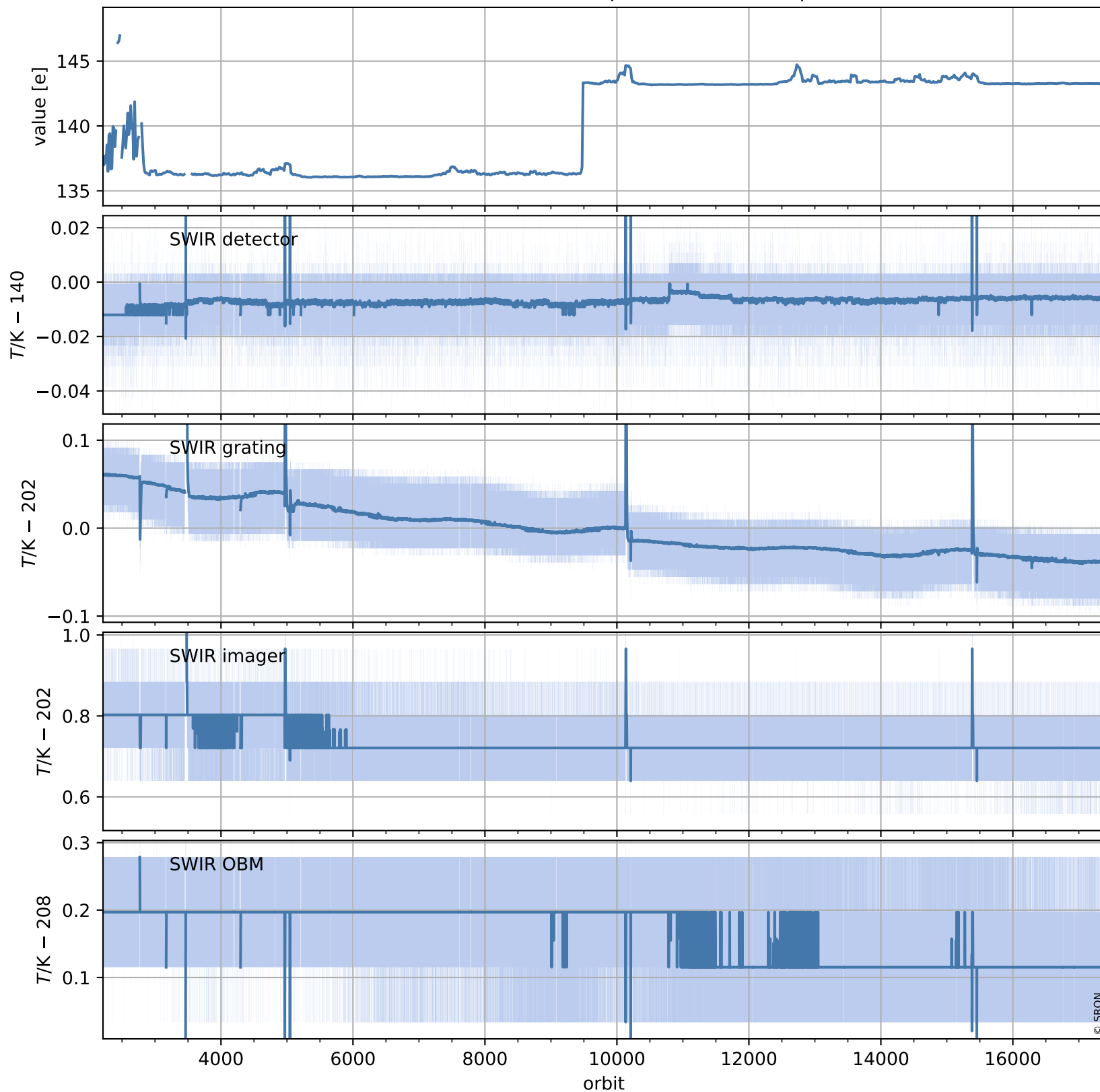
orbits : 12 in [17317, 17392]
coverage : 2021-02-14 / 2021-02-19
created : 2023-08-21T15:53:13



Tropomi SWIR background noise (swir)

orbits : [2212, 17392]
coverage : 2018-03-18 / 2021-02-19
created : 2023-08-21T15:53:14

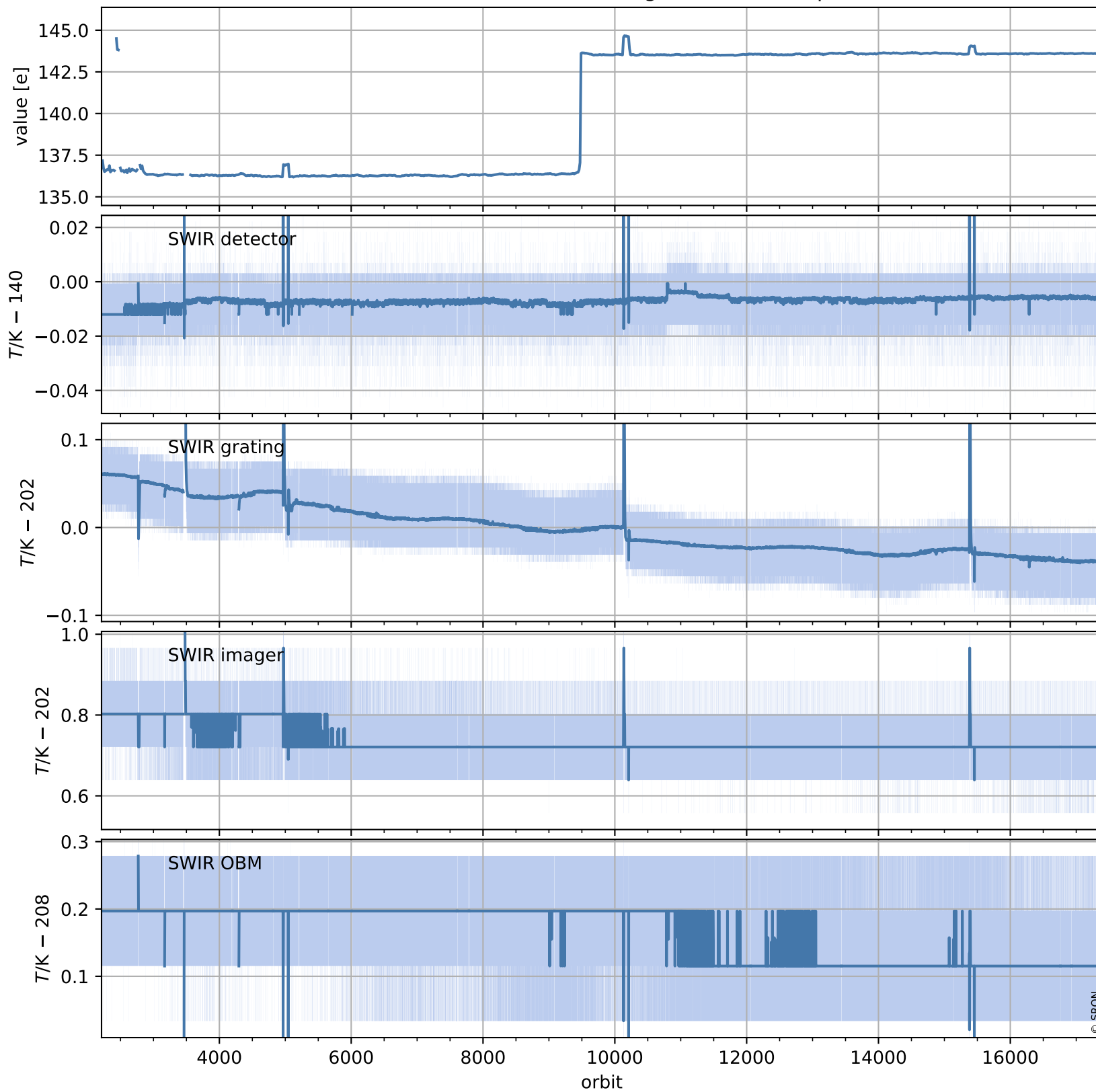
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17392]
coverage : 2018-03-18 / 2021-02-19
created : 2023-08-21T15:53:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17392]
coverage : 2018-03-18 / 2021-02-19
created : 2023-08-21T15:53:15

trend of normalized read-noise & temperatures

