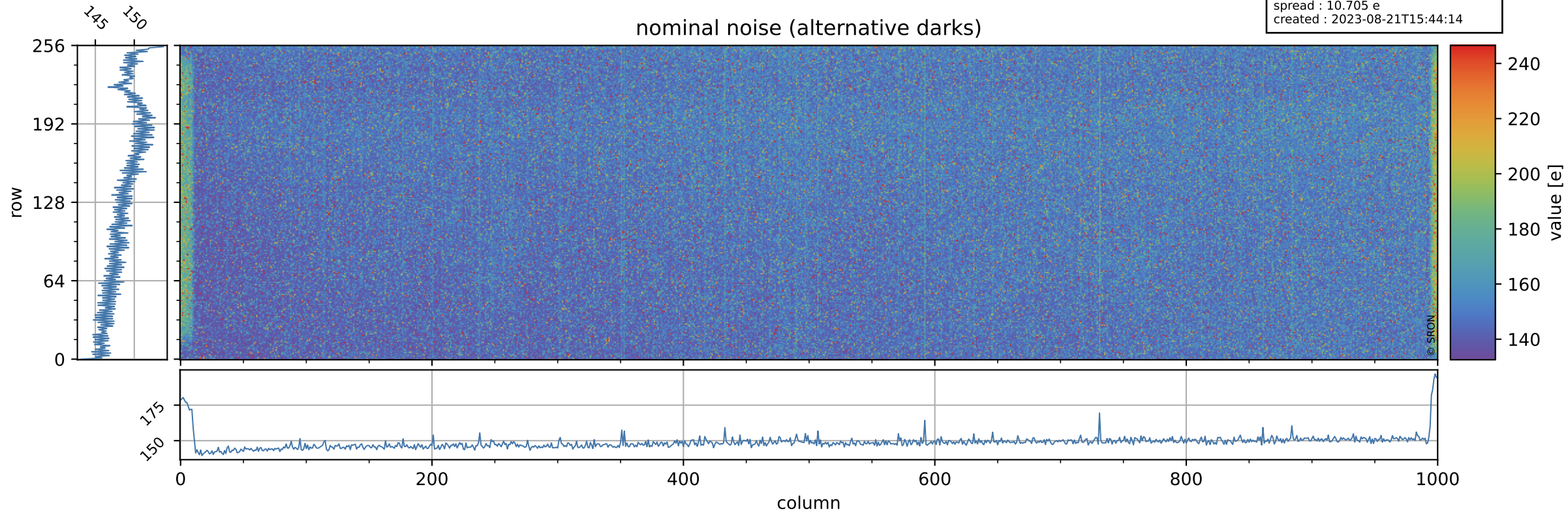


Tropomi SWIR background noise (swir)

orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
n_coad, t_exp : 1, 1.0783
median : 148.56 e
spread : 10.705 e
created : 2023-08-21T15:44:14

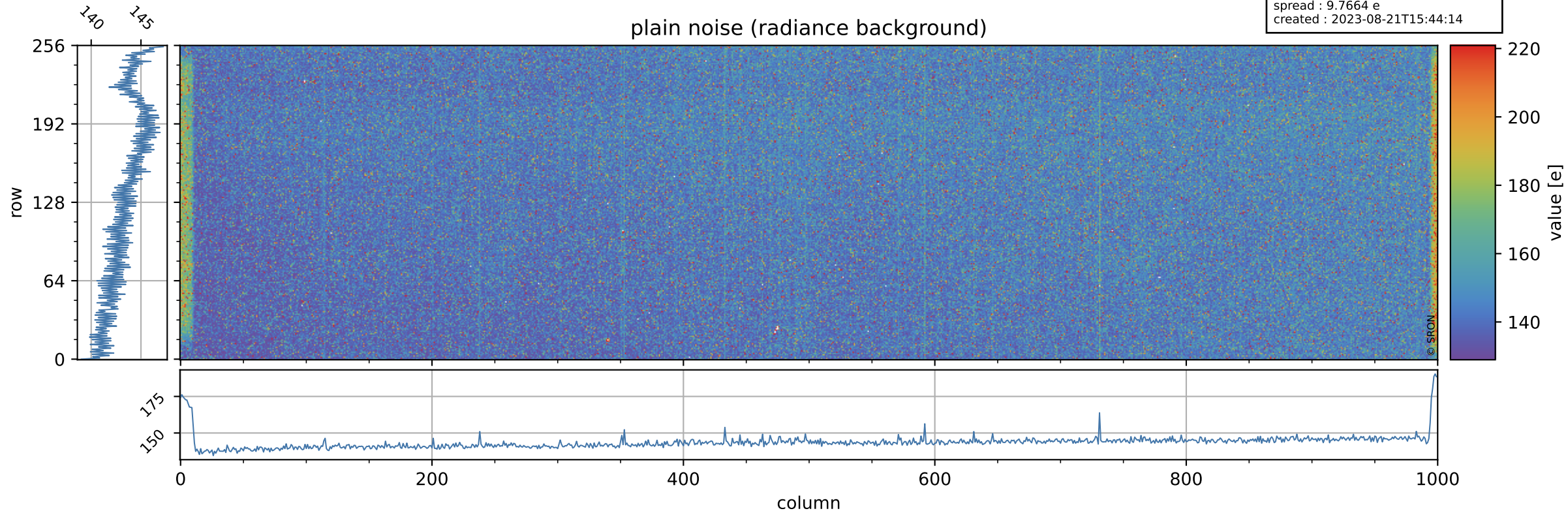
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
n_coad, t_exp : 1, 0.8383
median : 143.4 e
spread : 9.7664 e
created : 2023-08-21T15:44:14

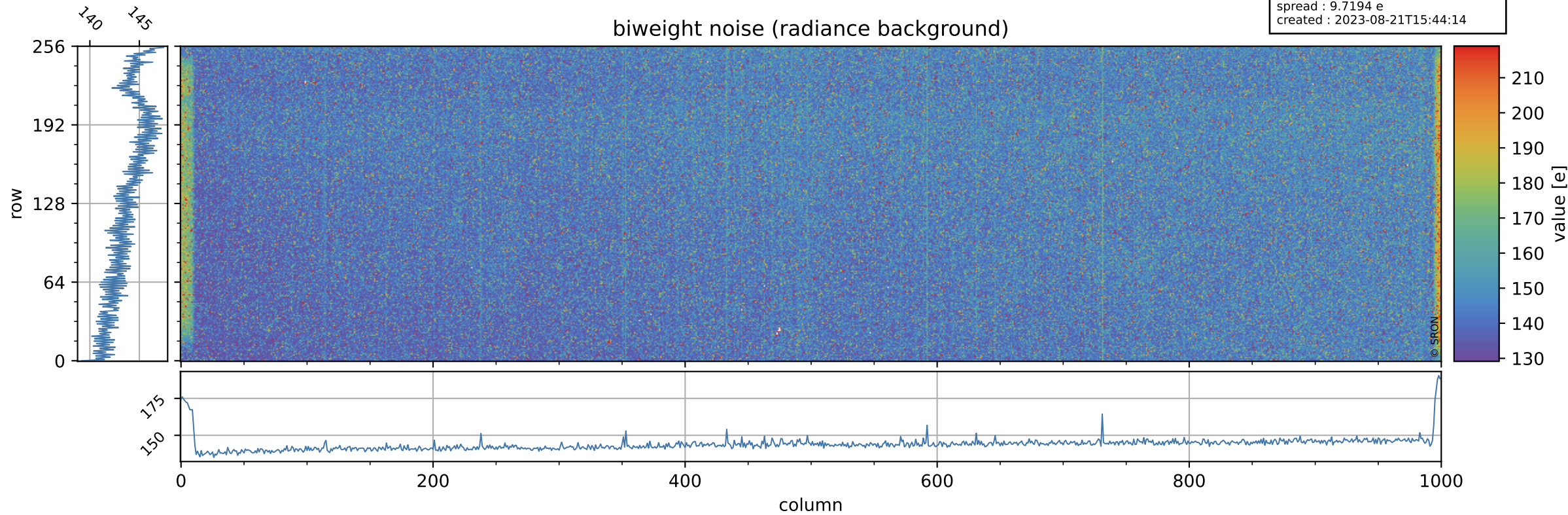
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
n_coad, t_exp : 1, 0.8383
median : 143.72 e
spread : 9.7194 e
created : 2023-08-21T15:44:14

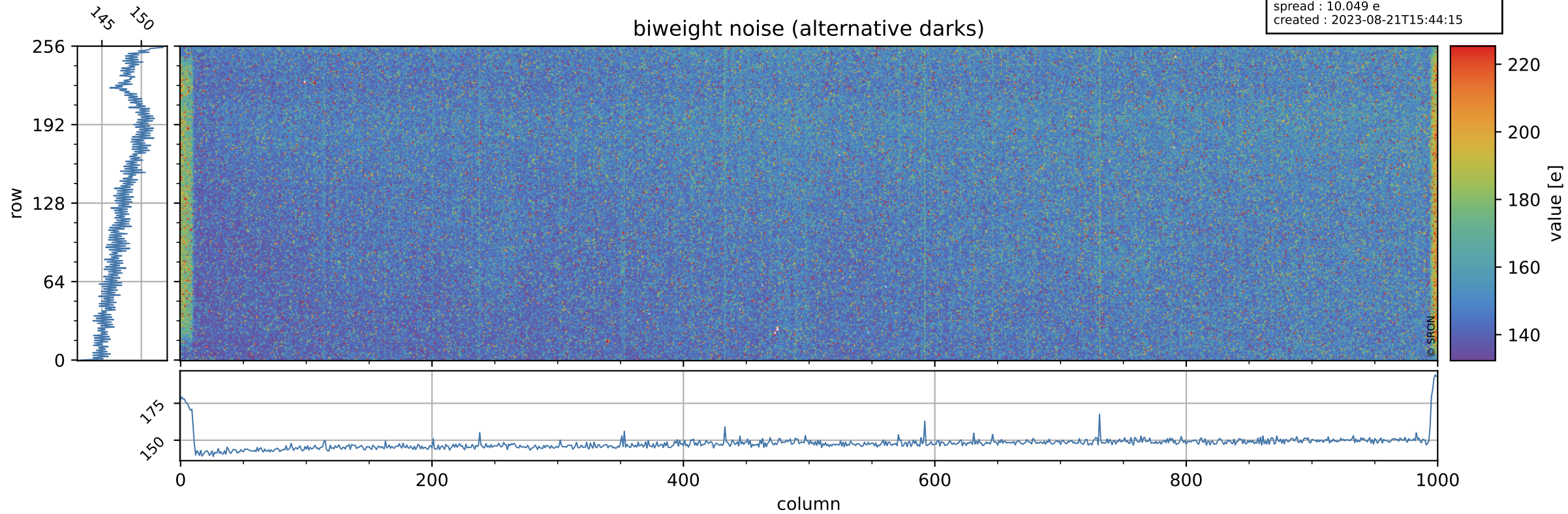
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.049 e
created : 2023-08-21T15:44:15

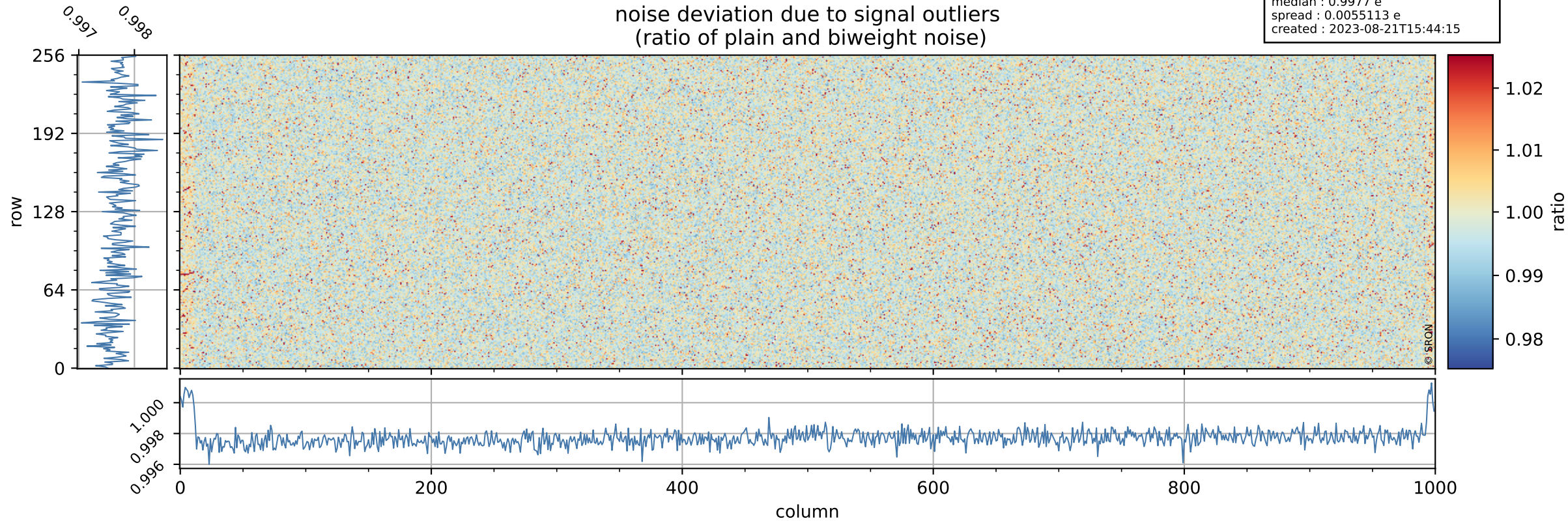
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

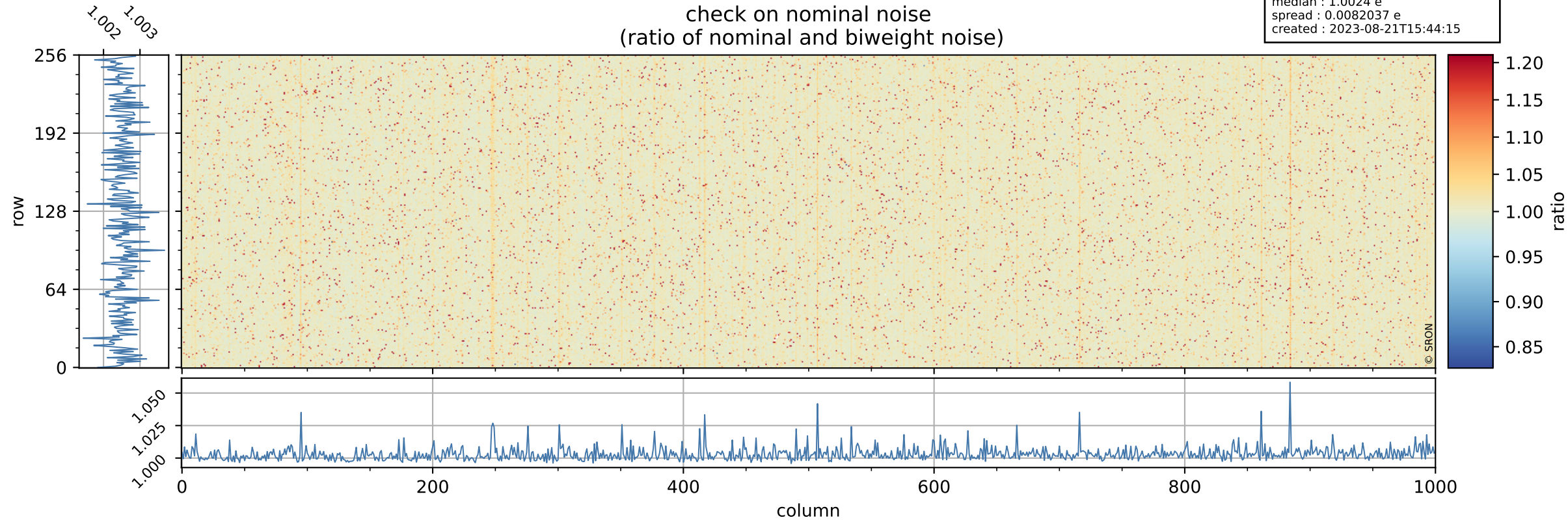
orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
median : 0.9977 e
spread : 0.0055113 e
created : 2023-08-21T15:44:15



Tropomi SWIR background noise (swir)

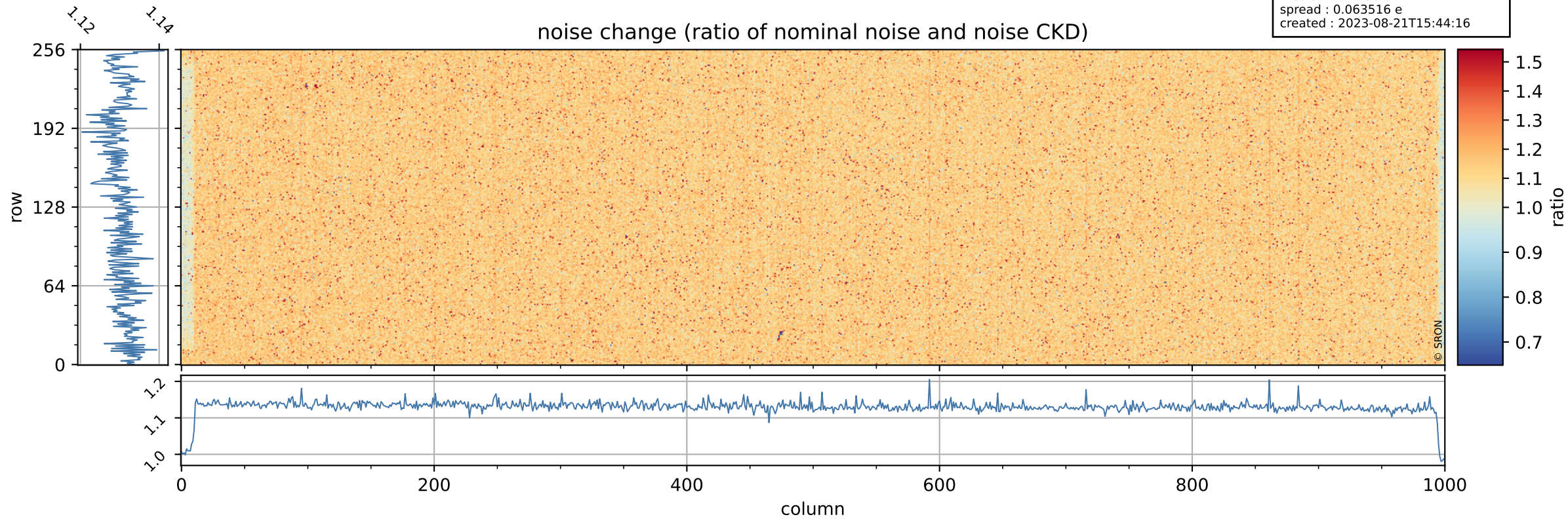
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
median : 1.0024 e
spread : 0.0082037 e
created : 2023-08-21T15:44:15



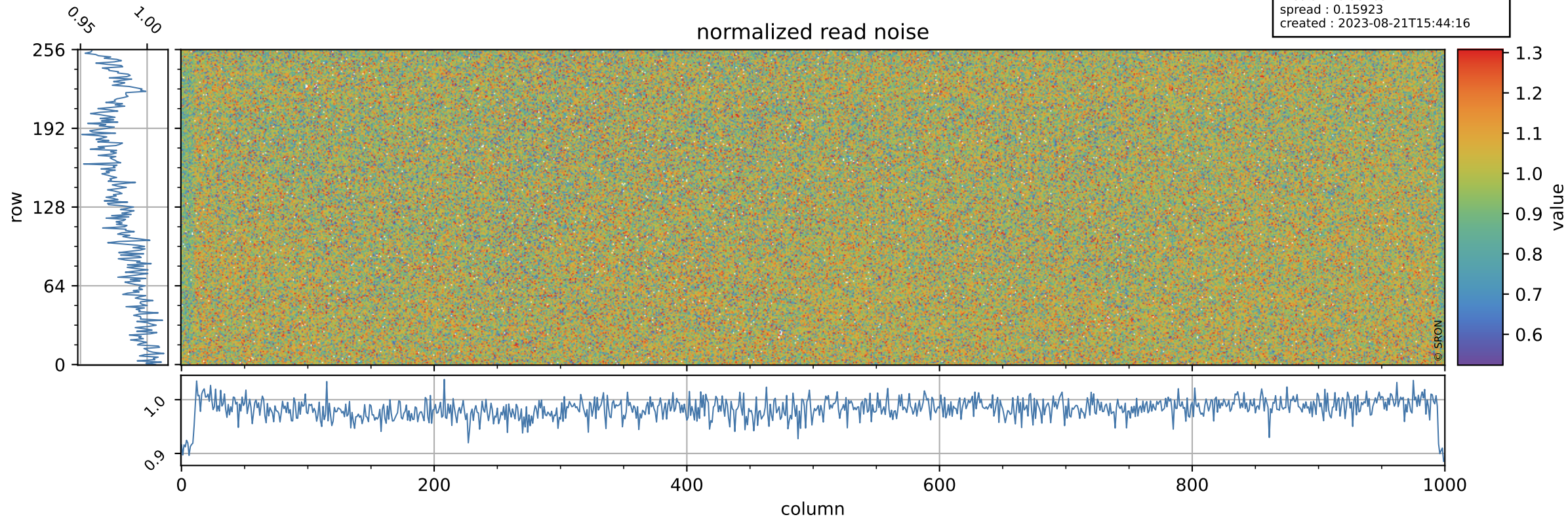
Tropomi SWIR background noise (swir)

orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
median : 1.1296 e
spread : 0.063516 e
created : 2023-08-21T15:44:16



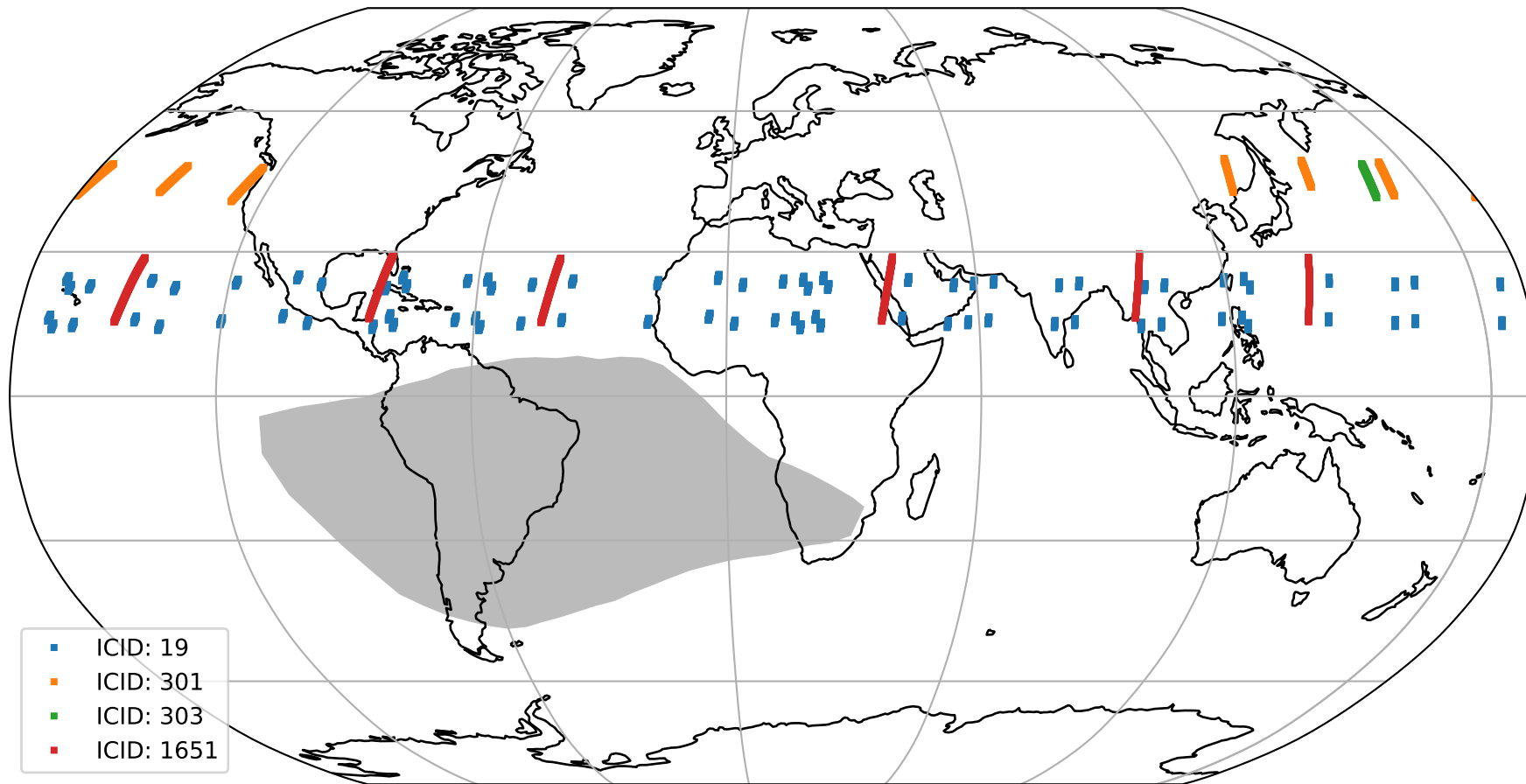
Tropomi SWIR background noise (swir)

orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
median : 0.98163
spread : 0.15923
created : 2023-08-21T15:44:16



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

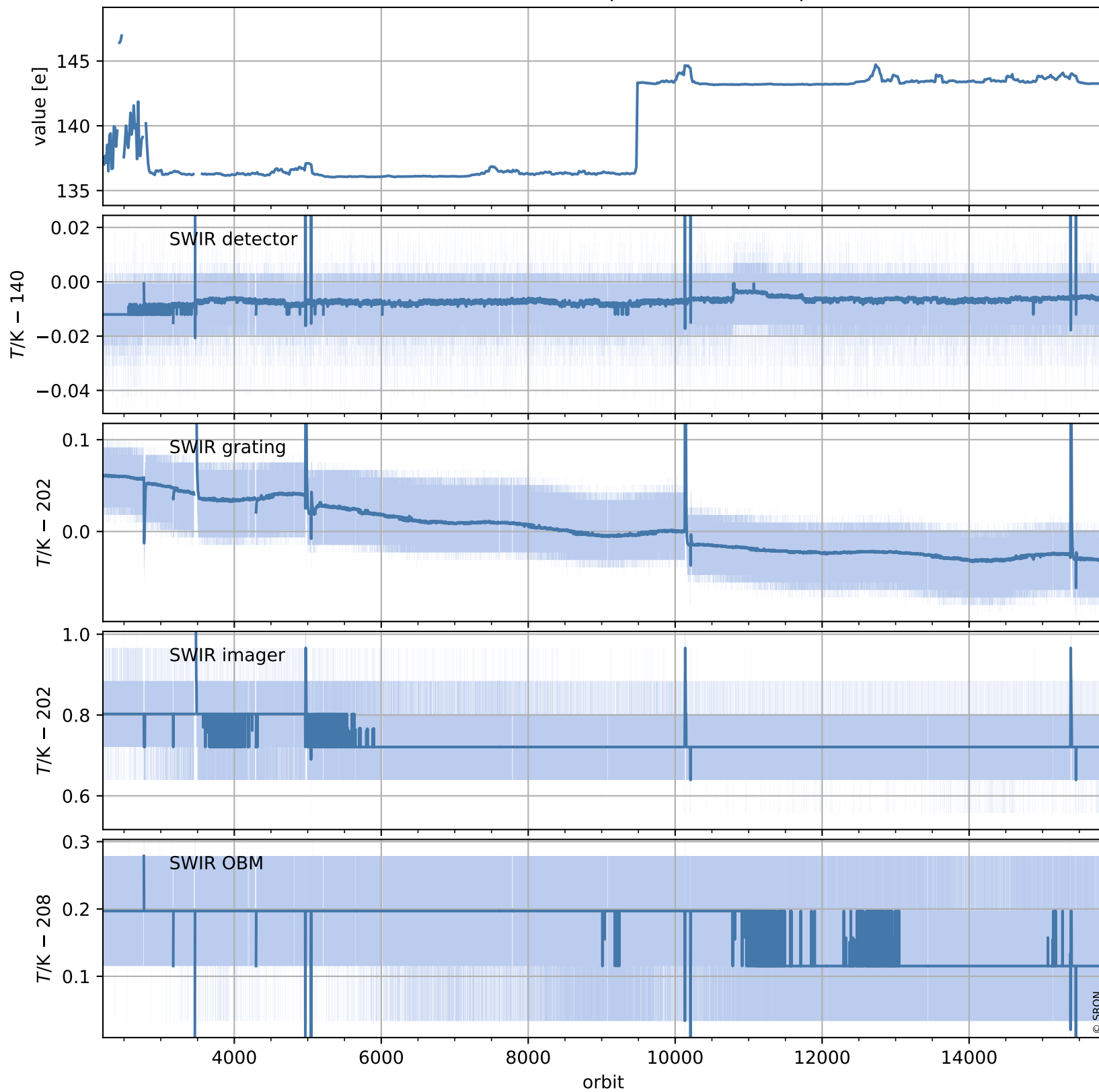
orbits : 13 in [15742, 15832]
coverage : 2020-10-27 / 2020-11-01
created : 2023-08-21T15:44:16



Tropomi SWIR background noise (swir)

orbits : [2212, 15832]
coverage : 2018-03-18 / 2020-11-01
created : 2023-08-21T15:44:17

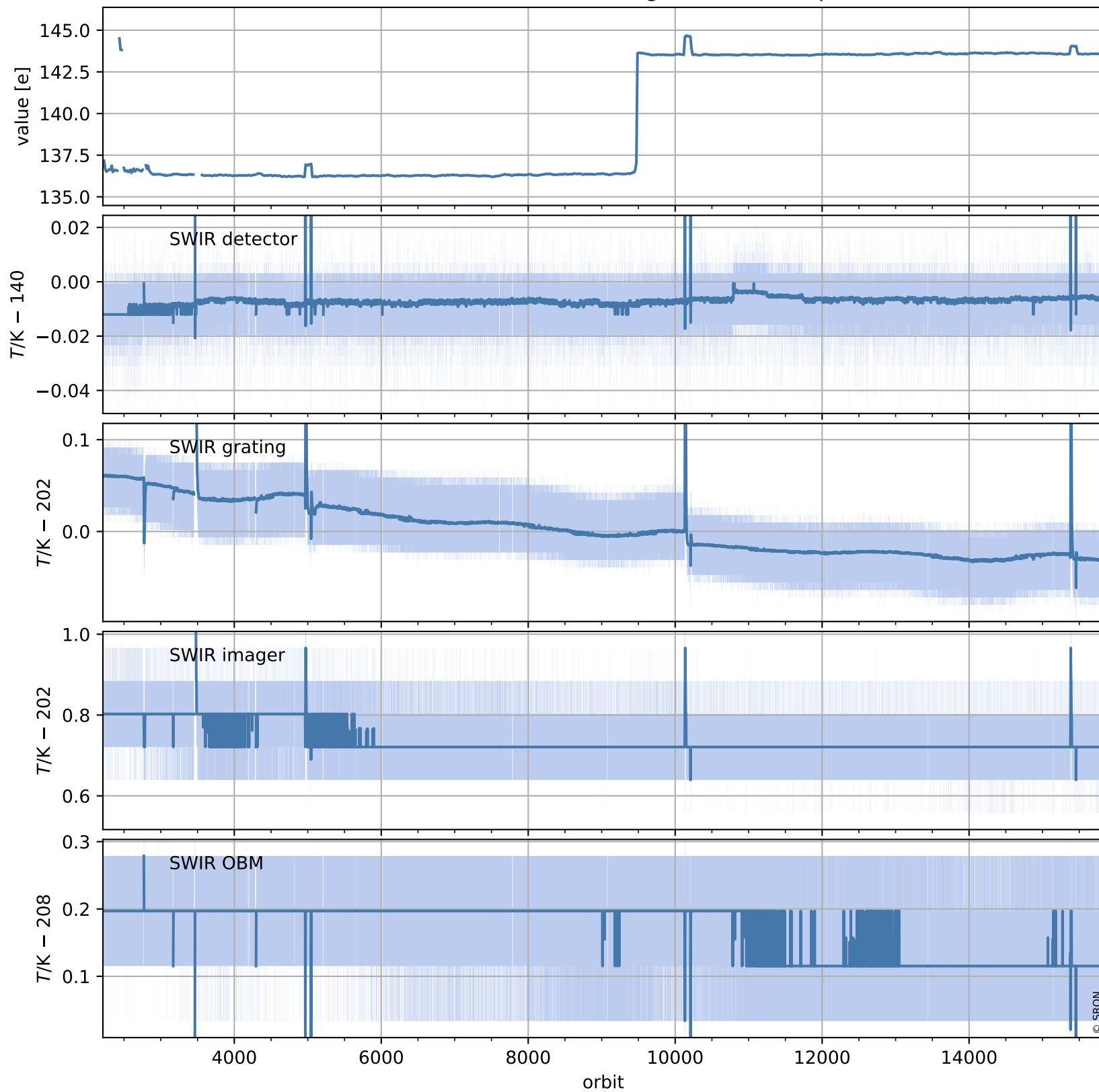
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15832]
coverage : 2018-03-18 / 2020-11-01
created : 2023-08-21T15:44:17

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 15832]
coverage : 2018-03-18 / 2020-11-01
created : 2023-08-21T15:44:18

trend of normalized read-noise & temperatures

