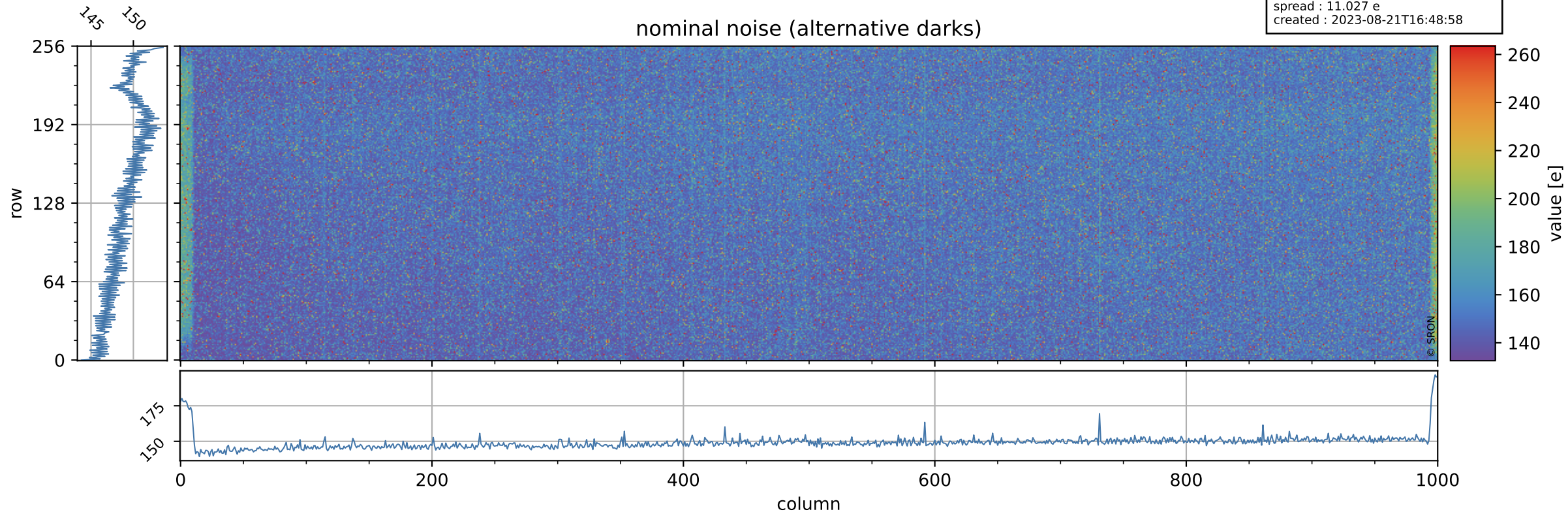


Tropomi SWIR background noise (swir)

orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 11.027 e
created : 2023-08-21T16:48:58

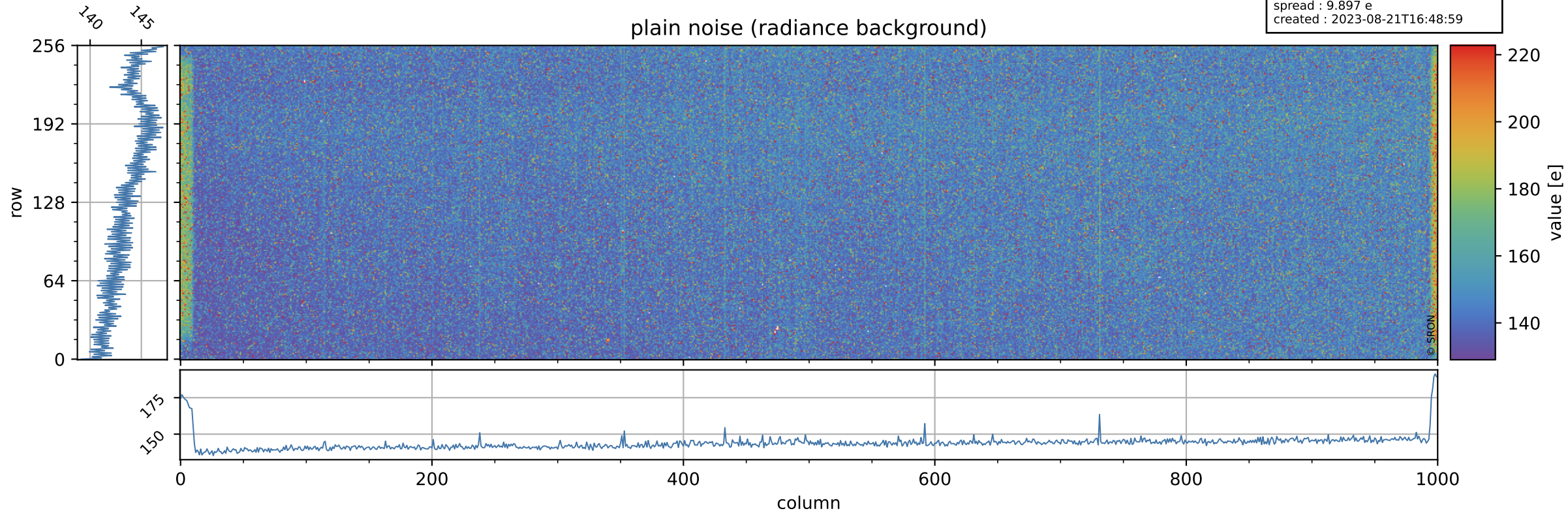
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.897 e
created : 2023-08-21T16:48:59

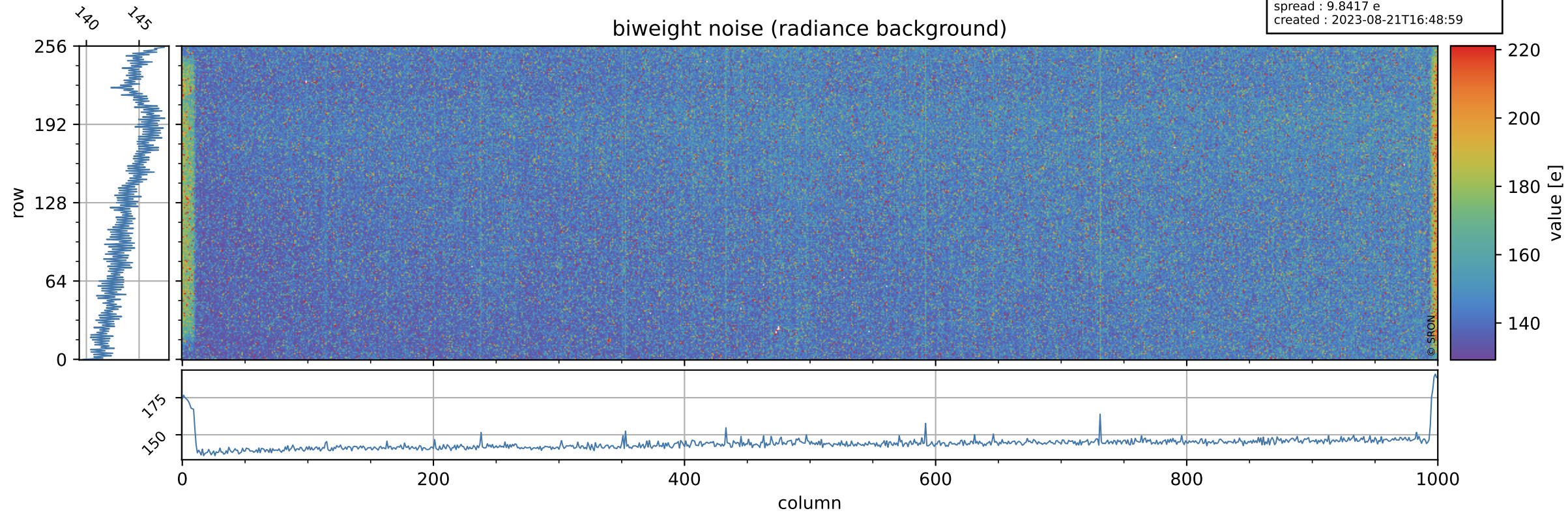
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.8417 e
created : 2023-08-21T16:48:59

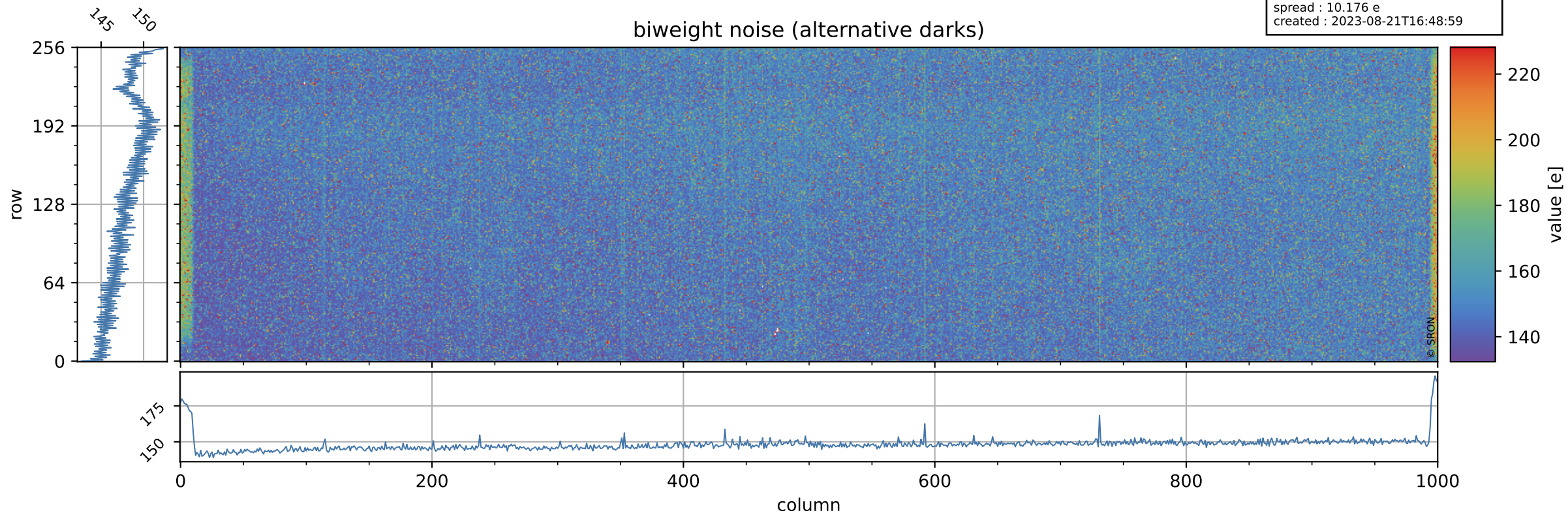
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.176 e
created : 2023-08-21T16:48:59

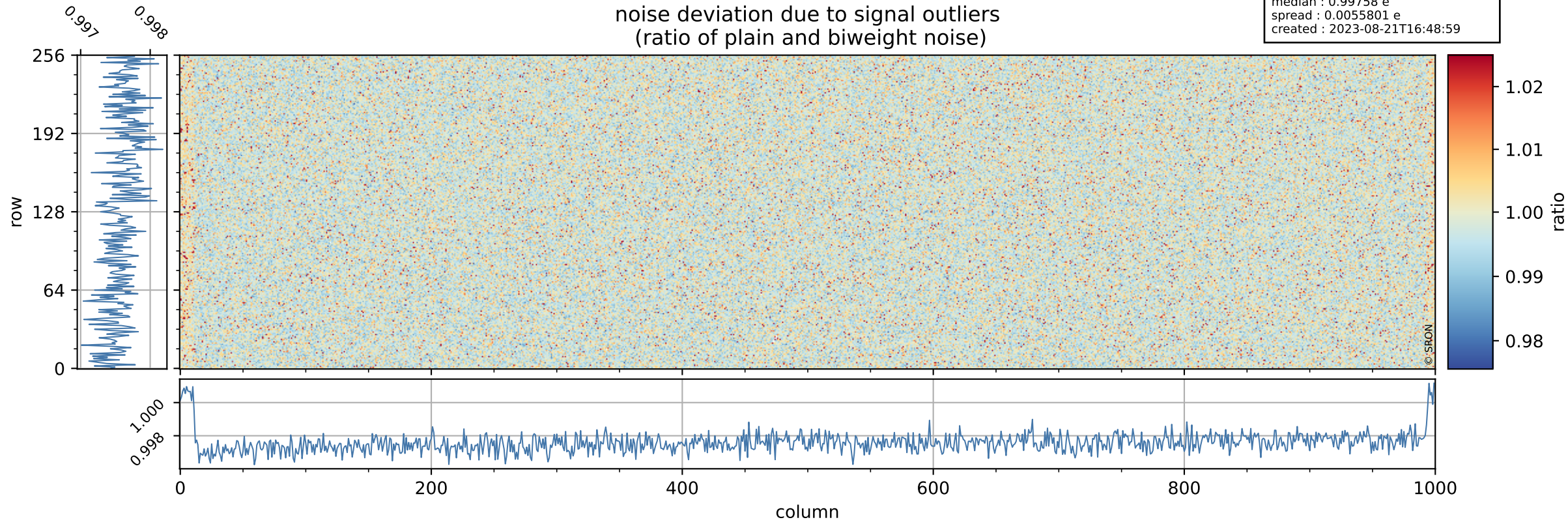
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

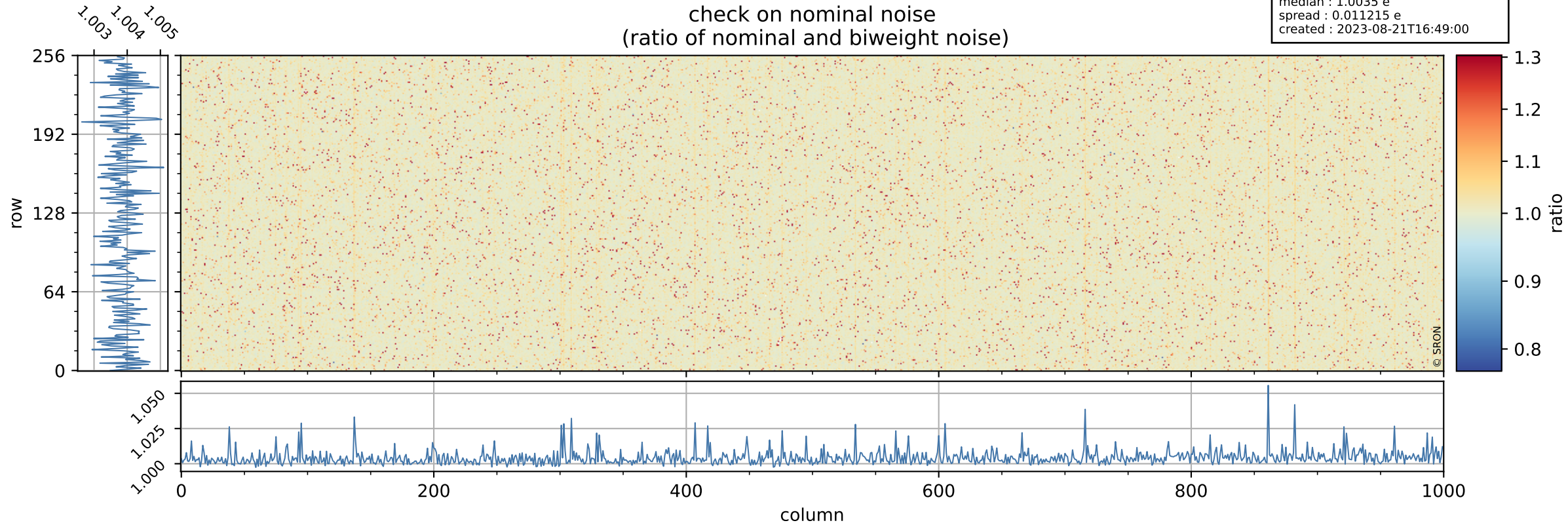
orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
median : 0.99758 e
spread : 0.0055801 e
created : 2023-08-21T16:48:59



Tropomi SWIR background noise (swir)

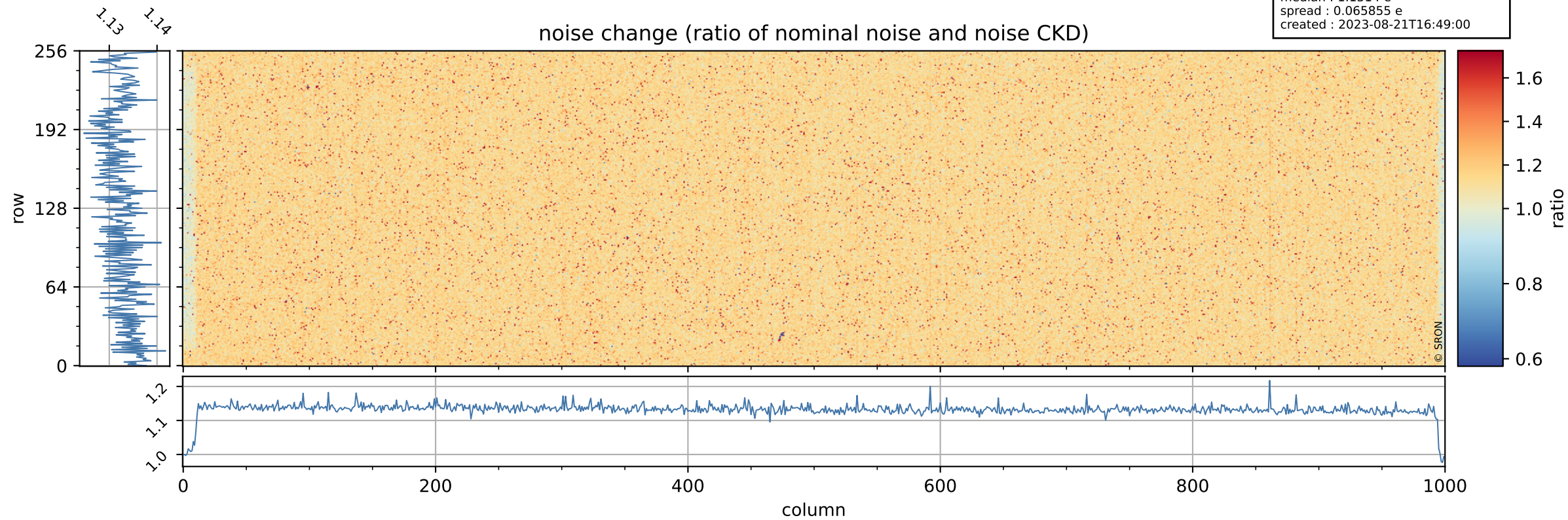
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
median : 1.0035 e
spread : 0.011215 e
created : 2023-08-21T16:49:00



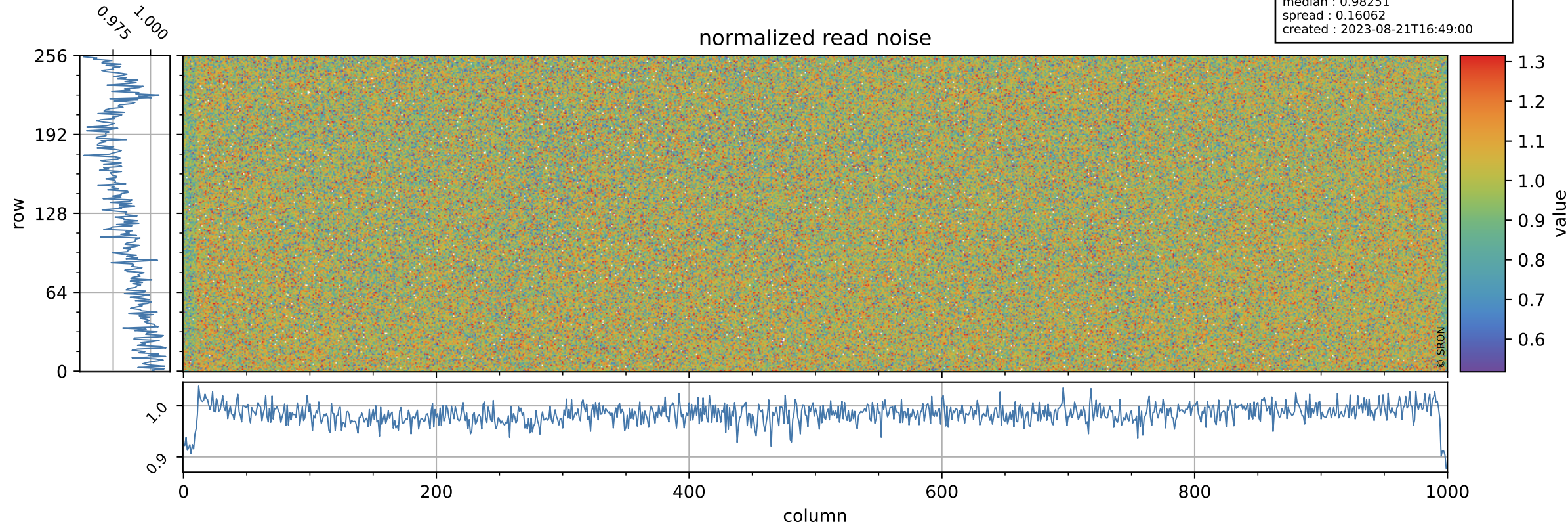
Tropomi SWIR background noise (swir)

orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
median : 1.1314 e
spread : 0.065855 e
created : 2023-08-21T16:49:00



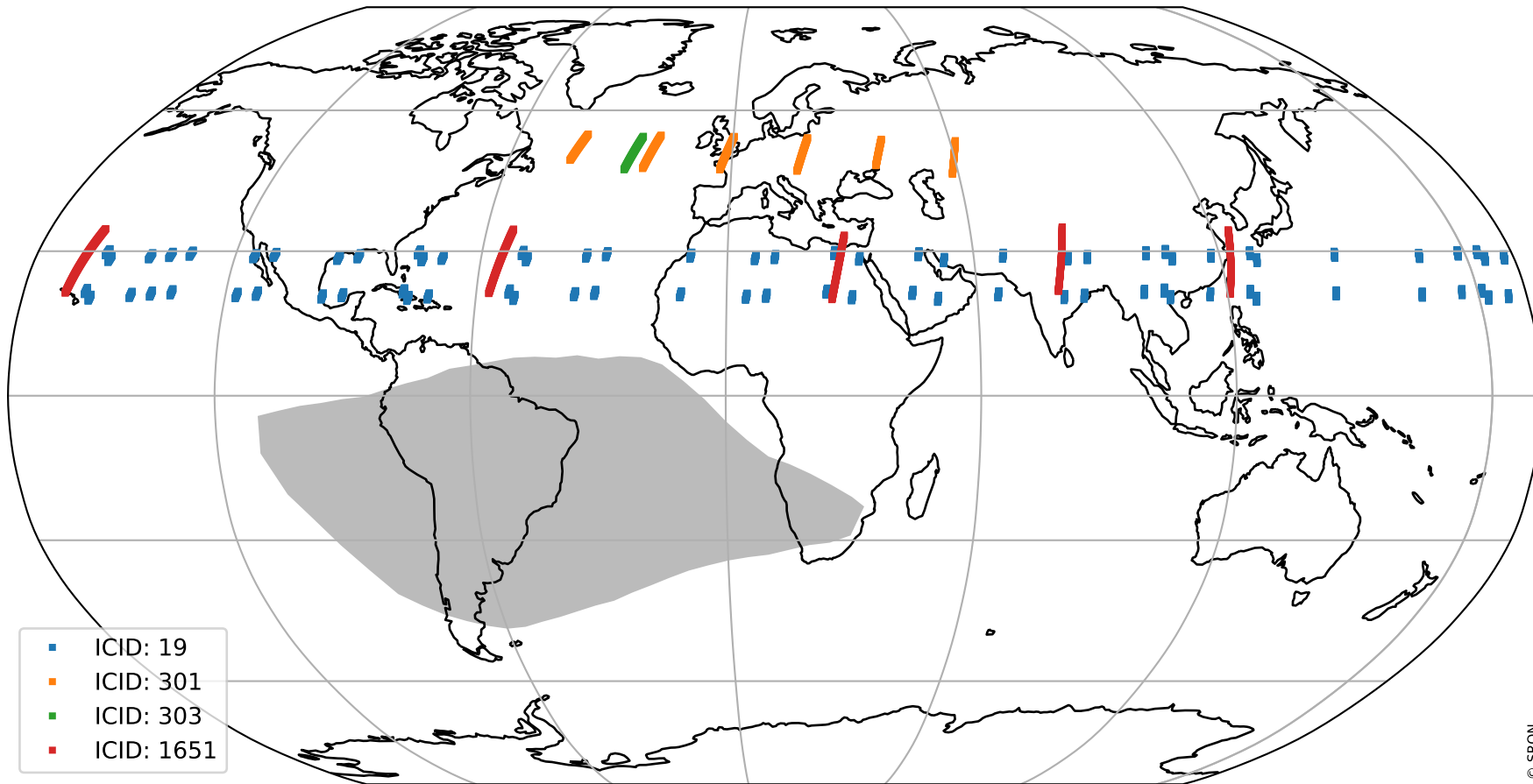
Tropomi SWIR background noise (swir)

orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
median : 0.98251
spread : 0.16062
created : 2023-08-21T16:49:00



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

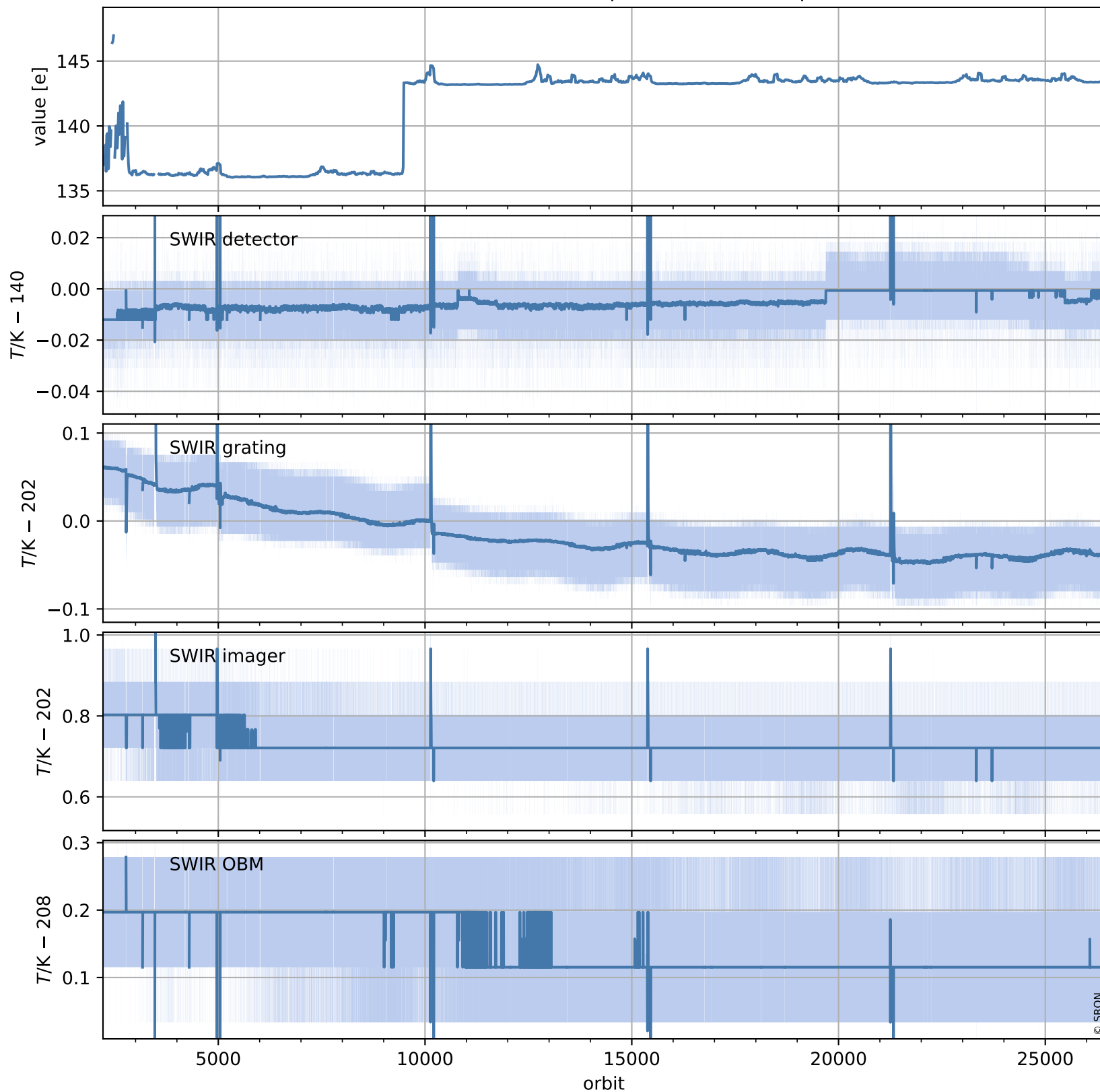
orbits : 12 in [26347, 26437]
coverage : 2022-11-13 / 2022-11-19
created : 2023-08-21T16:49:01



Tropomi SWIR background noise (swir)

orbits : [2212, 26437]
coverage : 2018-03-18 / 2022-11-19
created : 2023-08-21T16:49:01

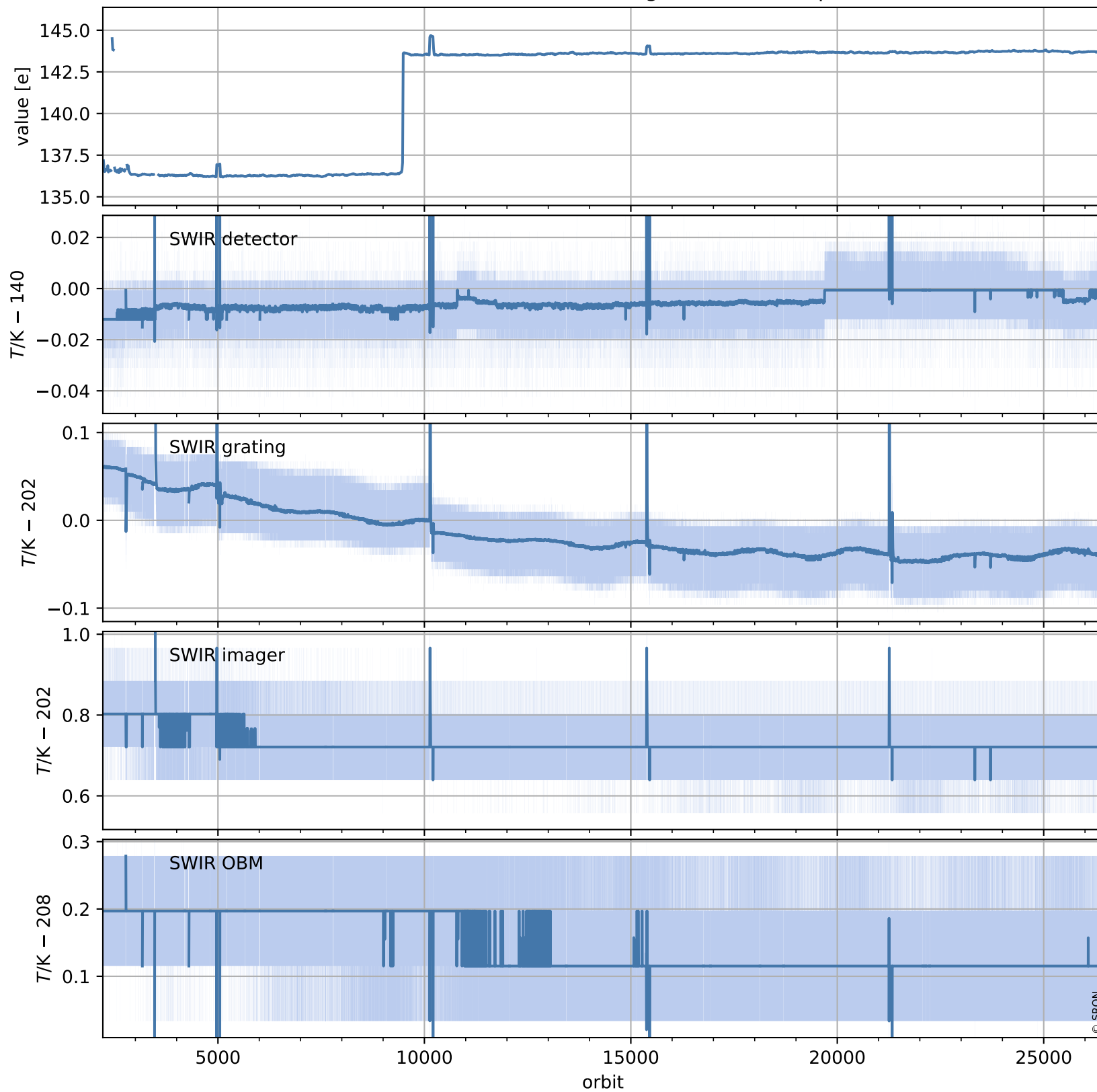
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26437]
coverage : 2018-03-18 / 2022-11-19
created : 2023-08-21T16:49:02

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26437]
coverage : 2018-03-18 / 2022-11-19
created : 2023-08-21T16:49:03

trend of normalized read-noise & temperatures

