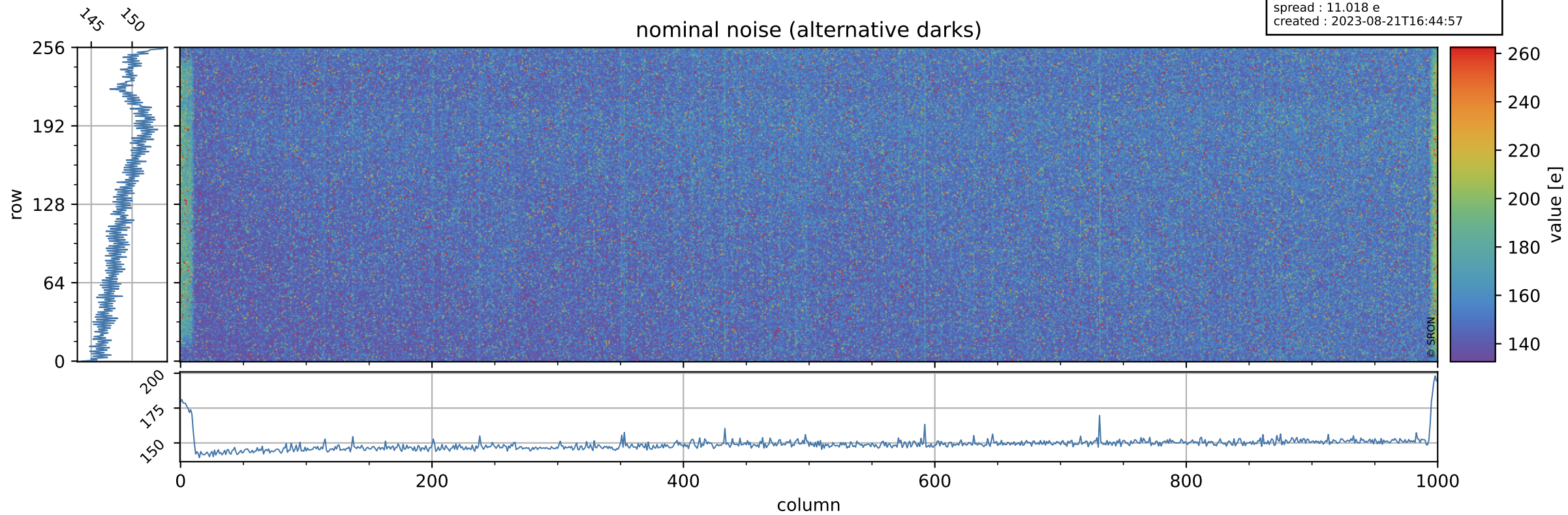


Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.018 e
created : 2023-08-21T16:44:57

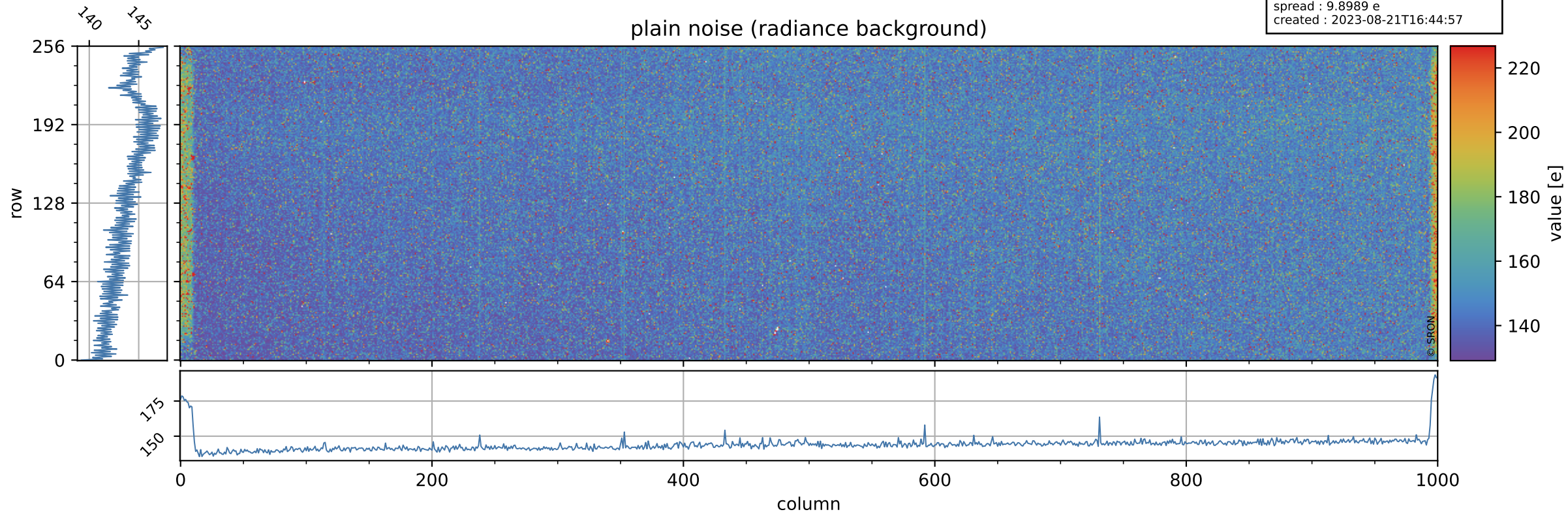
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
n_coad, t_exp : 1, 0.8383
median : 143.73 e
spread : 9.8989 e
created : 2023-08-21T16:44:57

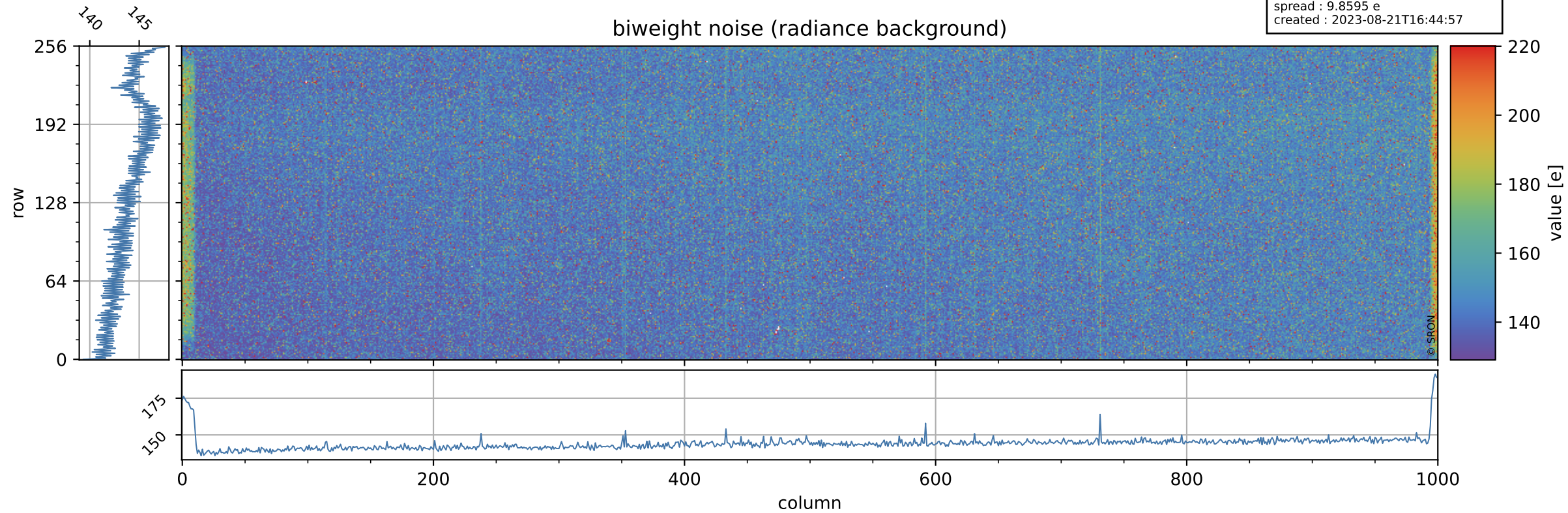
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8595 e
created : 2023-08-21T16:44:57

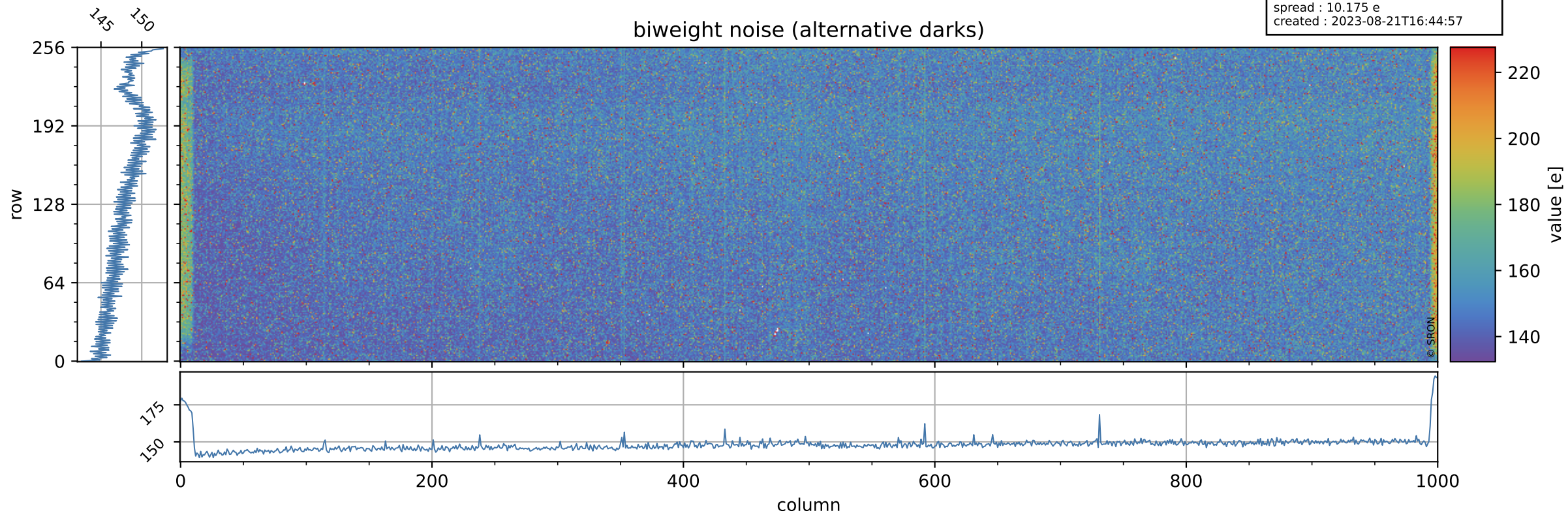
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
n_coad, t_exp : 1, 1.0783
median : 147.83 e
spread : 10.175 e
created : 2023-08-21T16:44:57

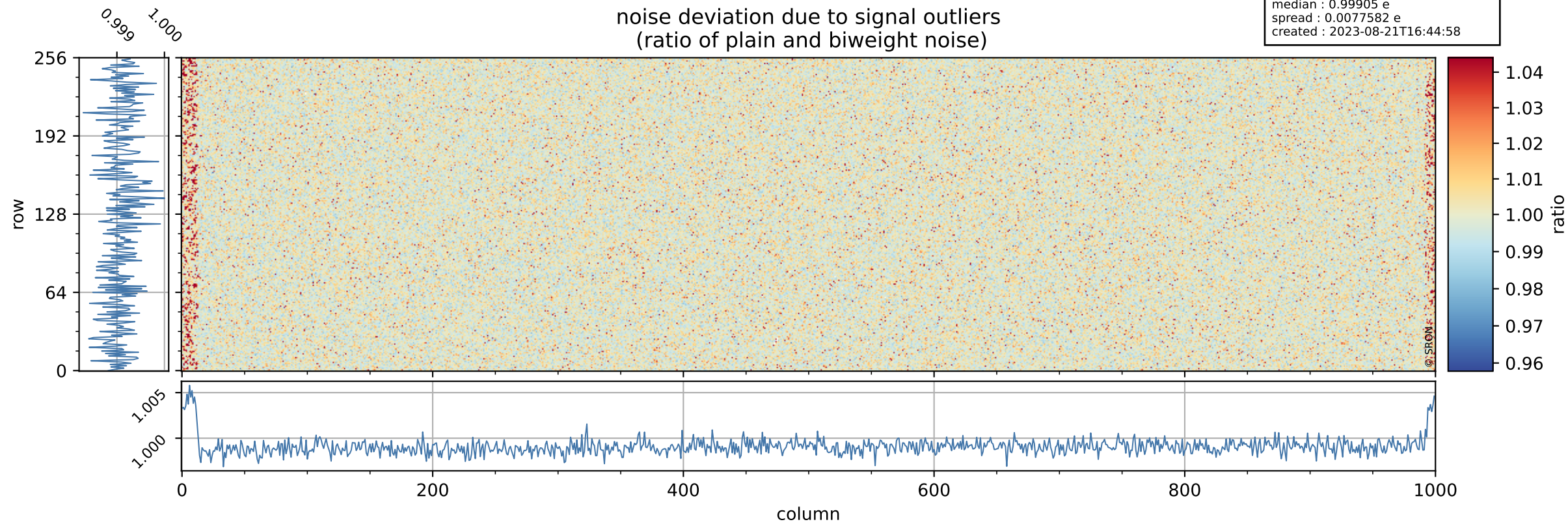
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

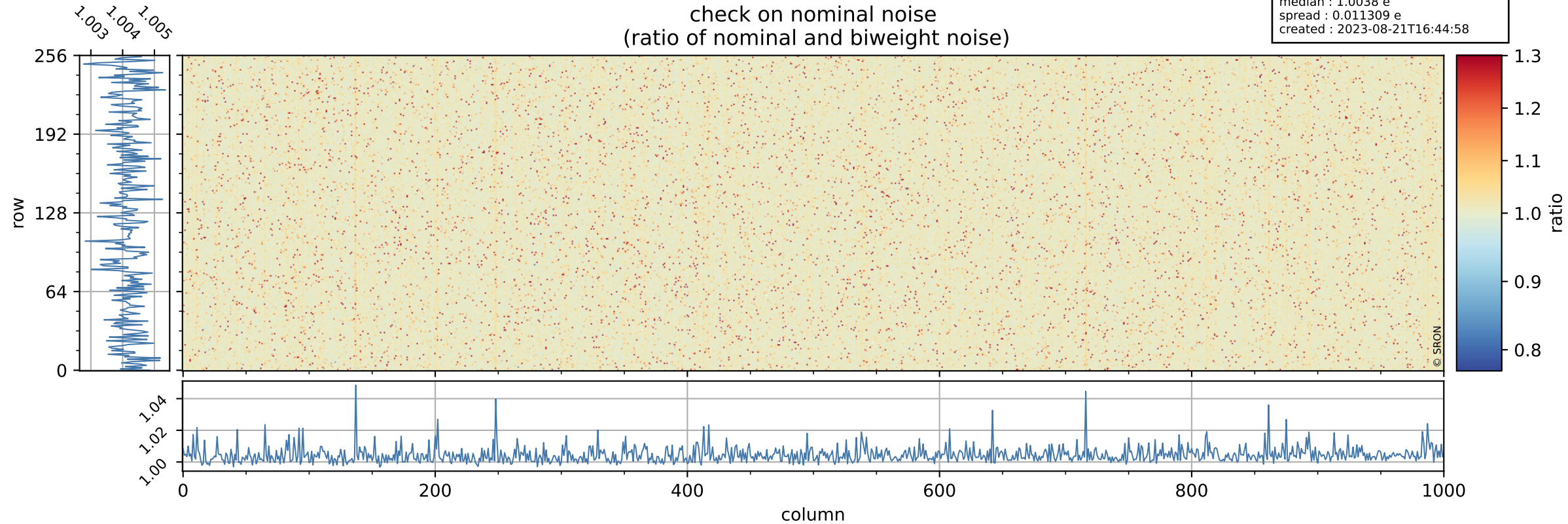
orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
median : 0.99905 e
spread : 0.0077582 e
created : 2023-08-21T16:44:58



Tropomi SWIR background noise (swir)

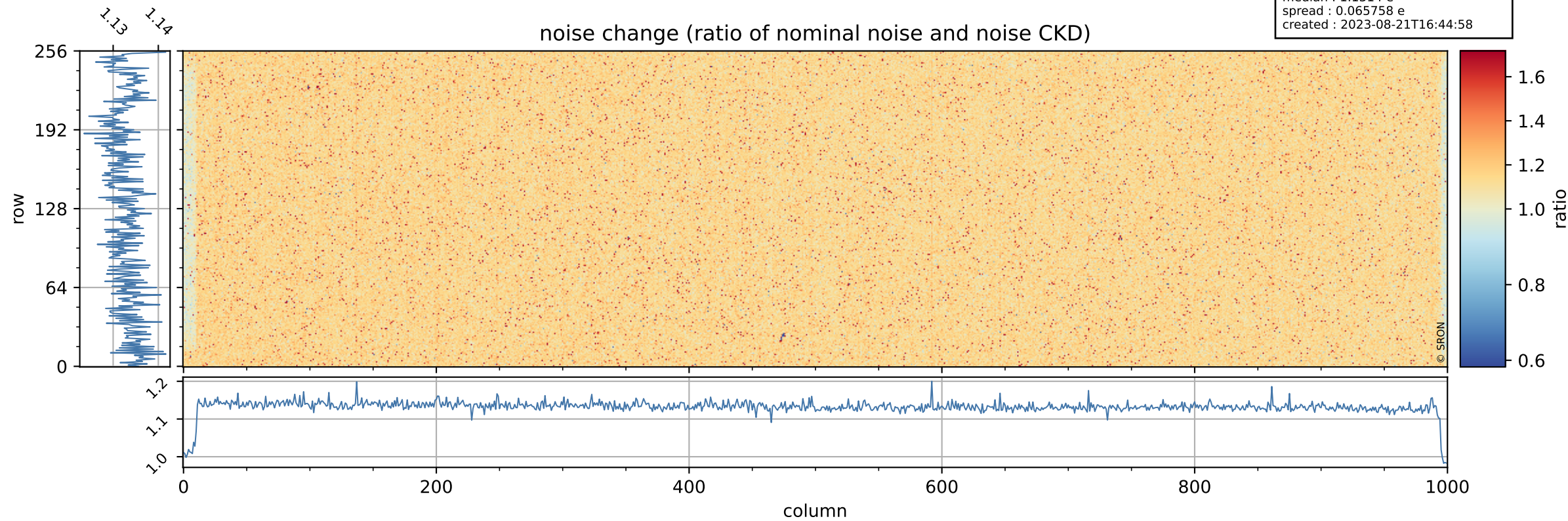
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
median : 1.0038 e
spread : 0.011309 e
created : 2023-08-21T16:44:58



Tropomi SWIR background noise (swir)

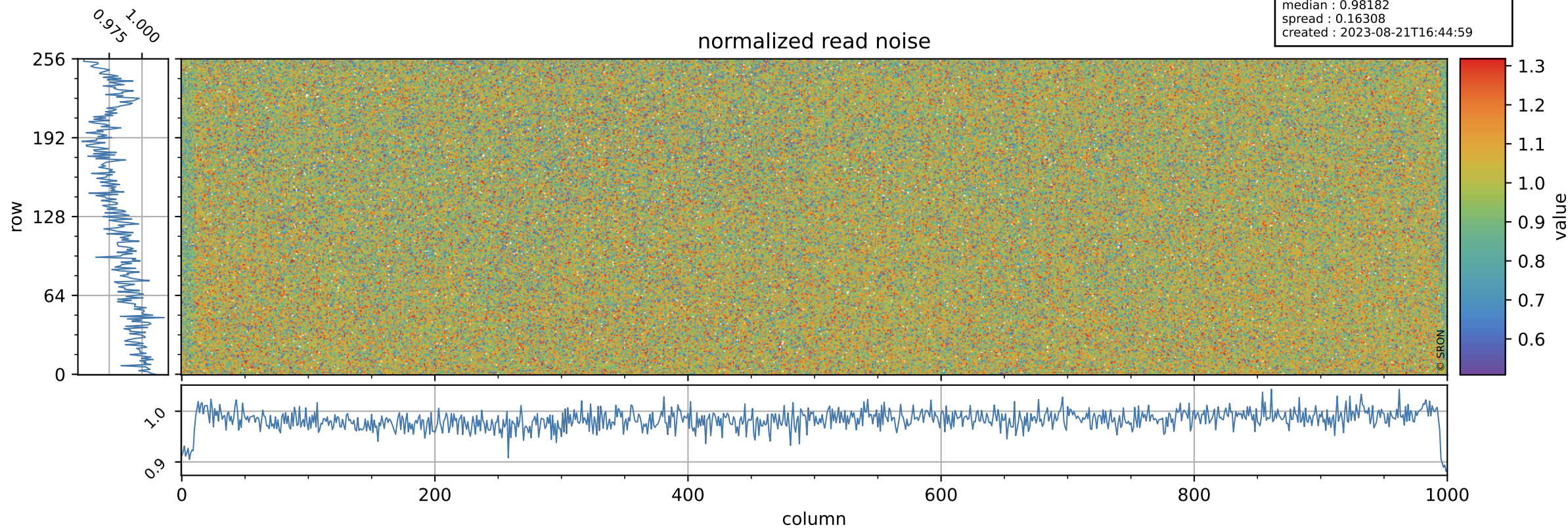
orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
median : 1.1314 e
spread : 0.065758 e
created : 2023-08-21T16:44:58



Tropomi SWIR background noise (swir)

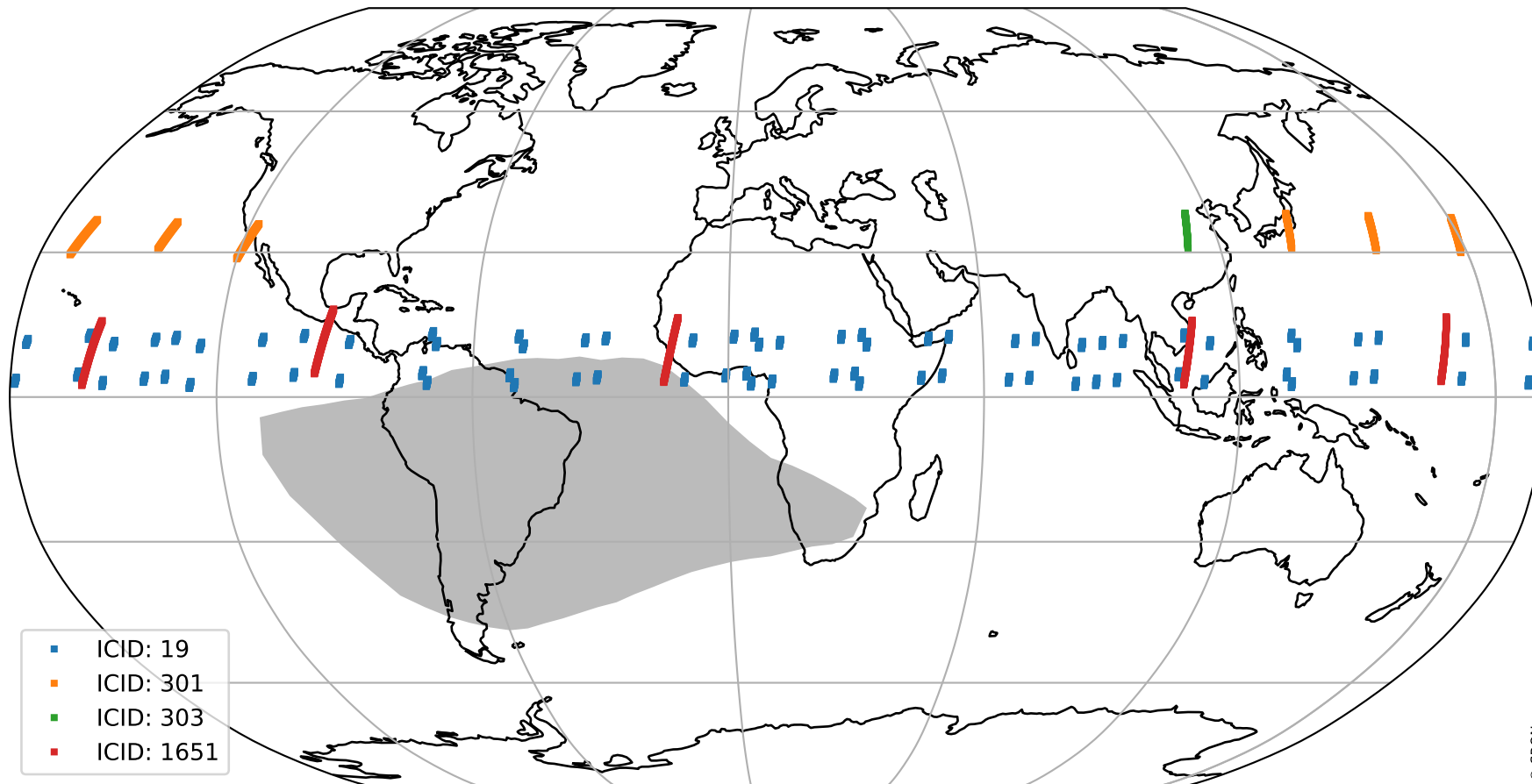
orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
median : 0.98182
spread : 0.16308
created : 2023-08-21T16:44:59

normalized read noise



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

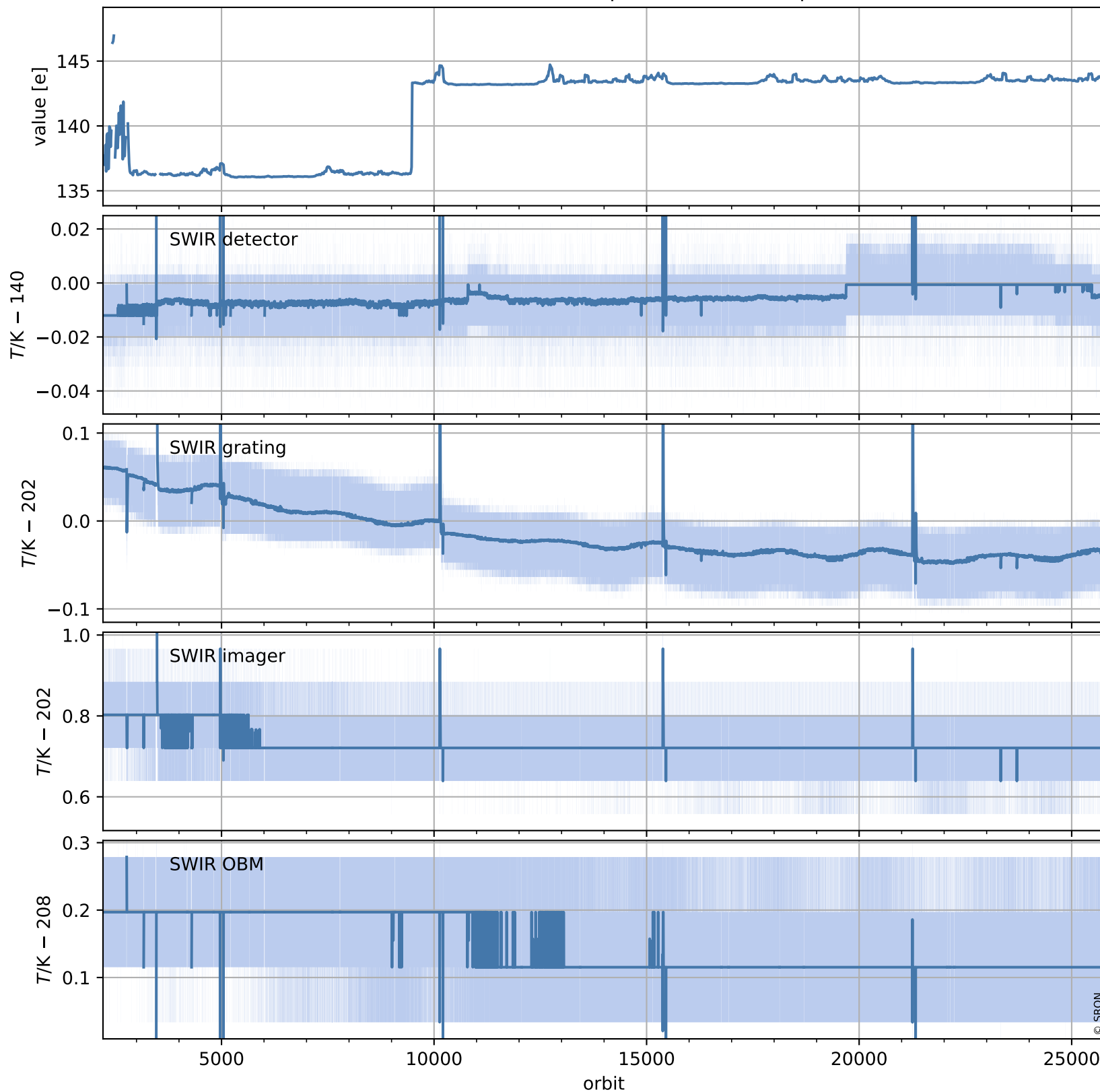
orbits : 12 in [25687, 25777]
coverage : 2022-09-28 / 2022-10-04
created : 2023-08-21T16:44:59



Tropomi SWIR background noise (swir)

orbits : [2212, 25777]
coverage : 2018-03-18 / 2022-10-04
created : 2023-08-21T16:44:59

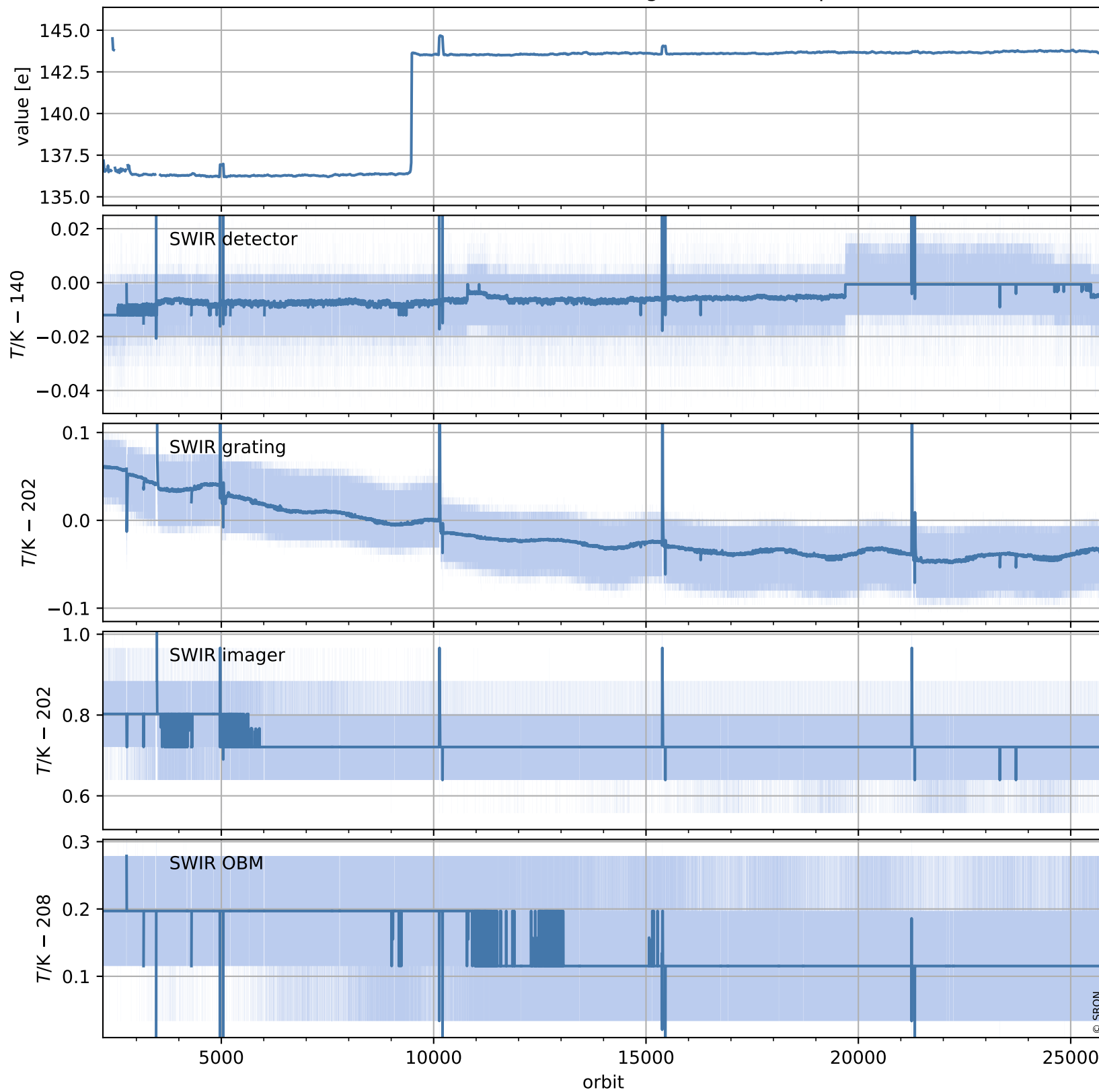
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25777]
coverage : 2018-03-18 / 2022-10-04
created : 2023-08-21T16:45:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25777]
coverage : 2018-03-18 / 2022-10-04
created : 2023-08-21T16:45:01

trend of normalized read-noise & temperatures

