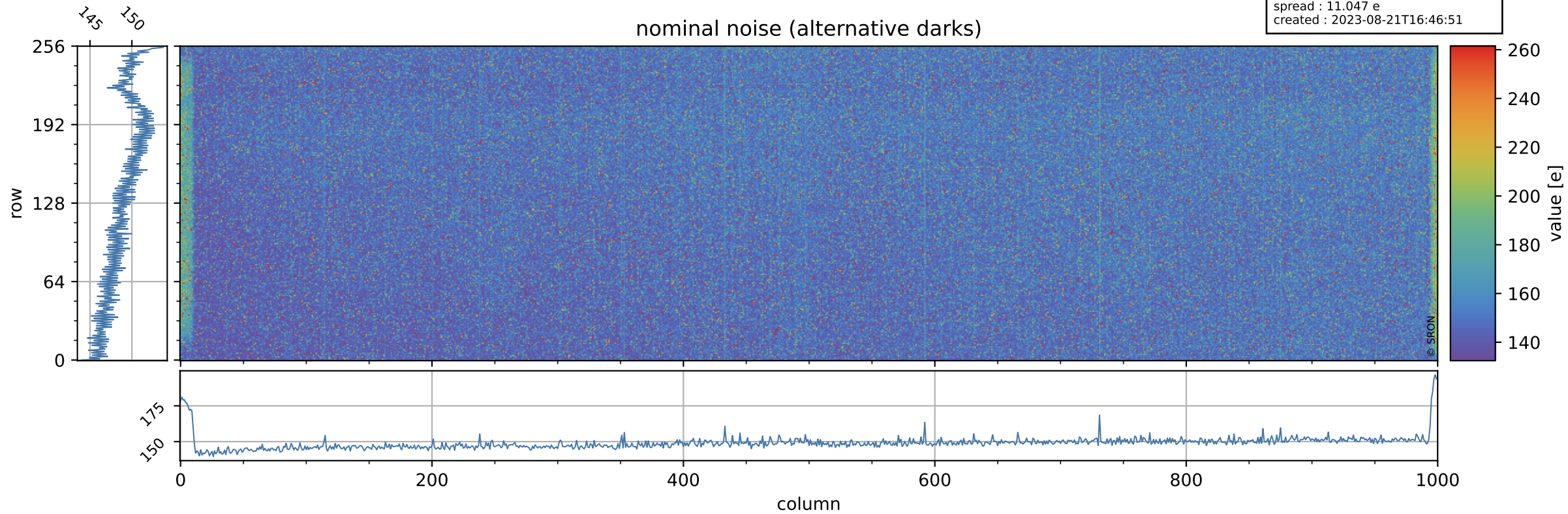


Tropomi SWIR background noise (swir)

orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
n_coad, t_exp : 1, 1.0783
median : 148.84 e
spread : 11.047 e
created : 2023-08-21T16:46:51

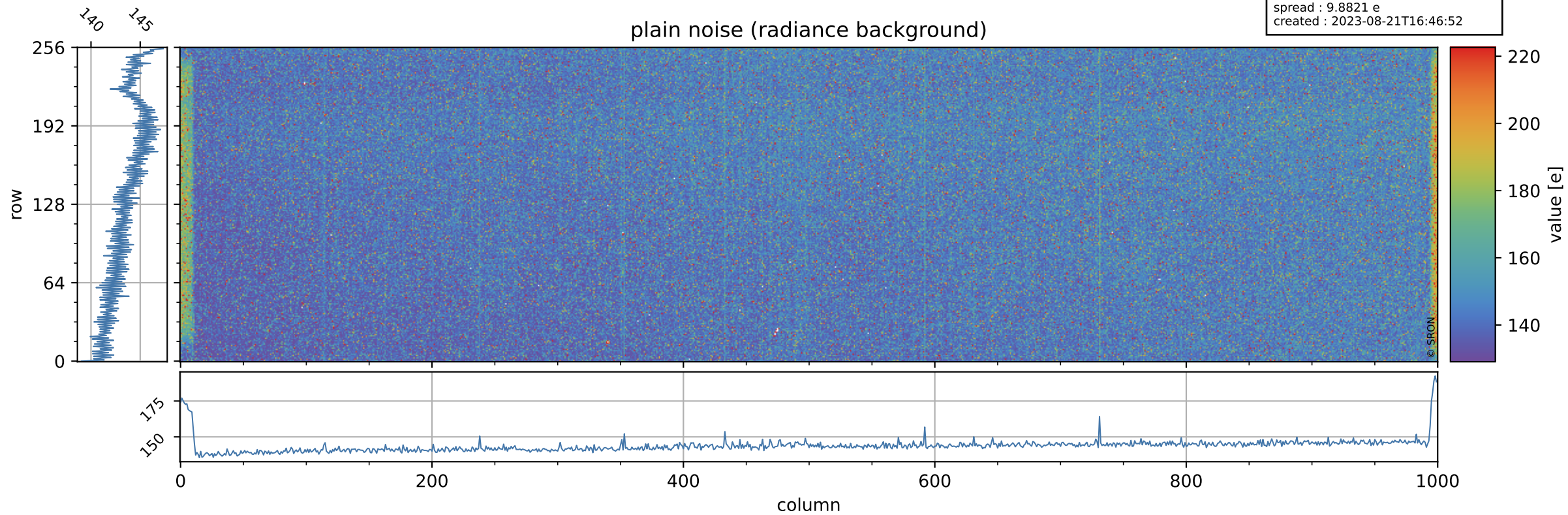
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8821 e
created : 2023-08-21T16:46:52

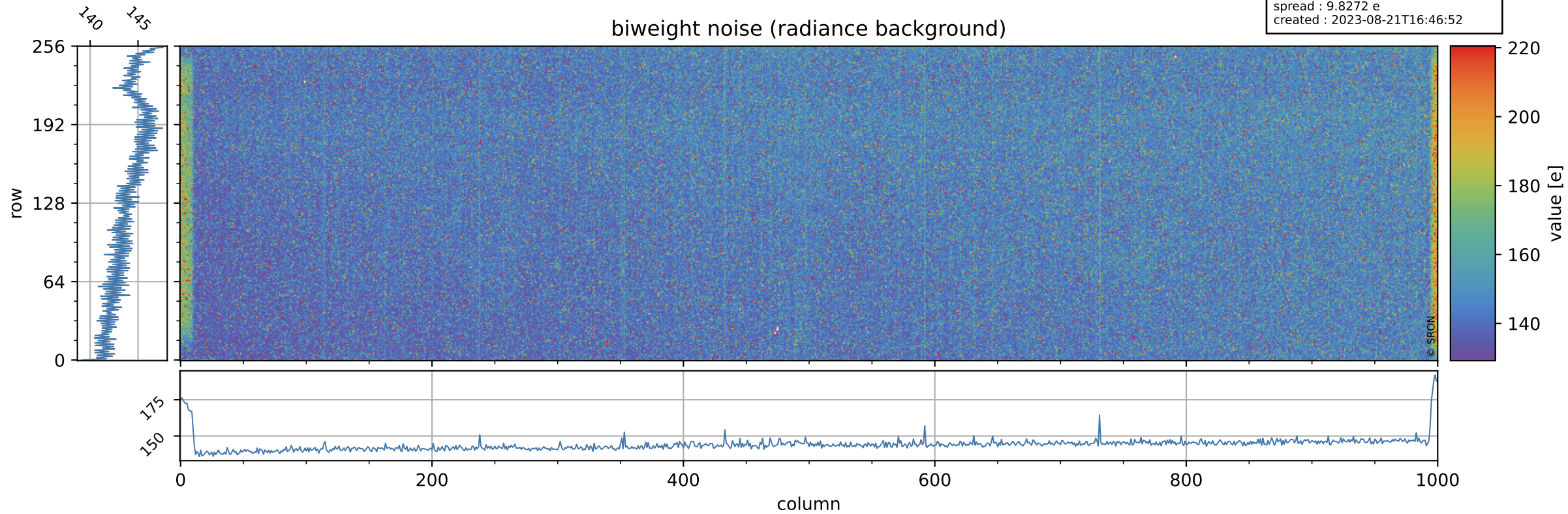
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
n_coad, t_exp : 1, 0.8383
median : 143.84 e
spread : 9.8272 e
created : 2023-08-21T16:46:52

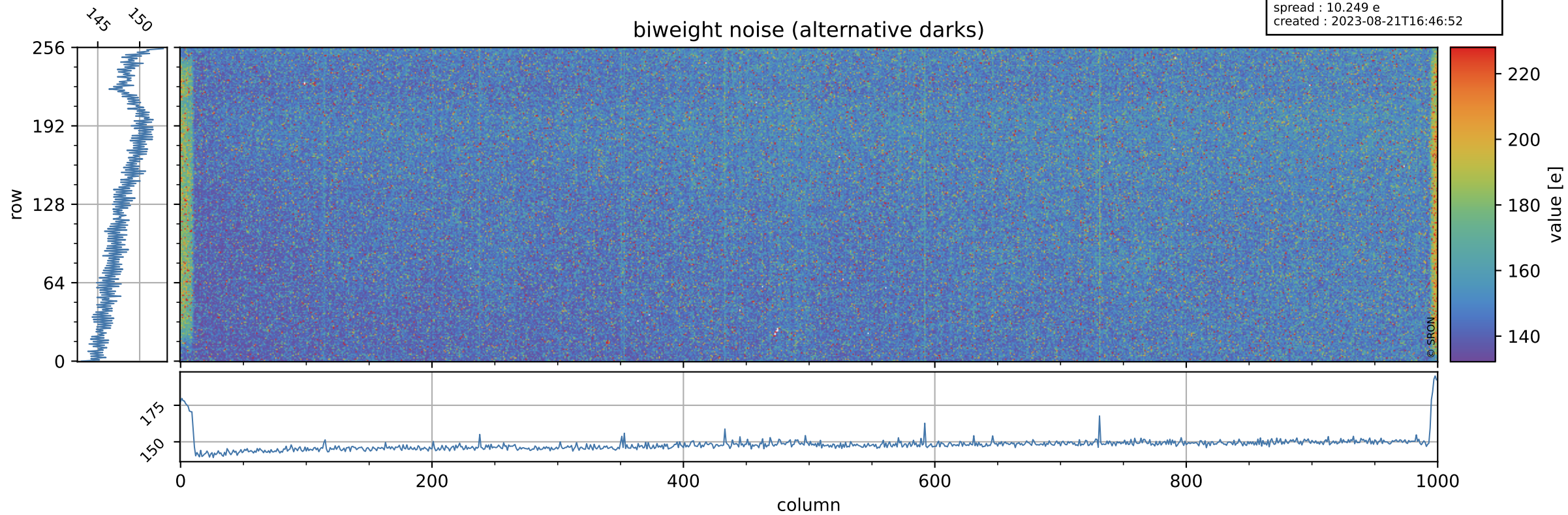
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
n_coad, t_exp : 1, 1.0783
median : 147.86 e
spread : 10.249 e
created : 2023-08-21T16:46:52

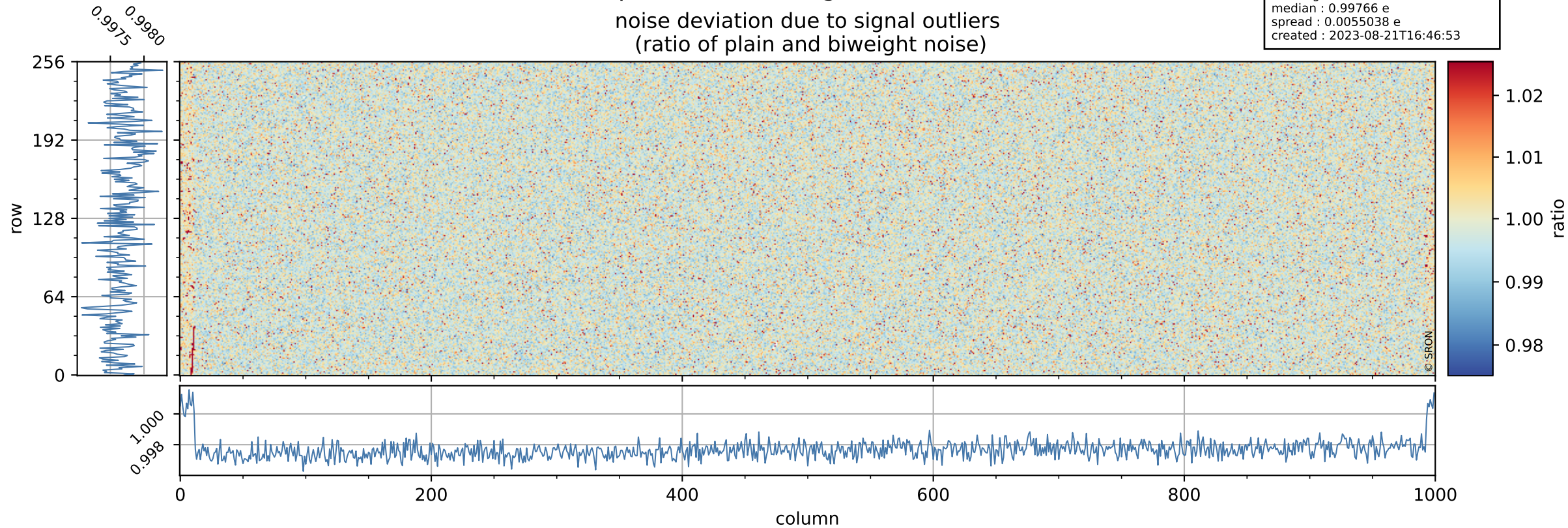
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

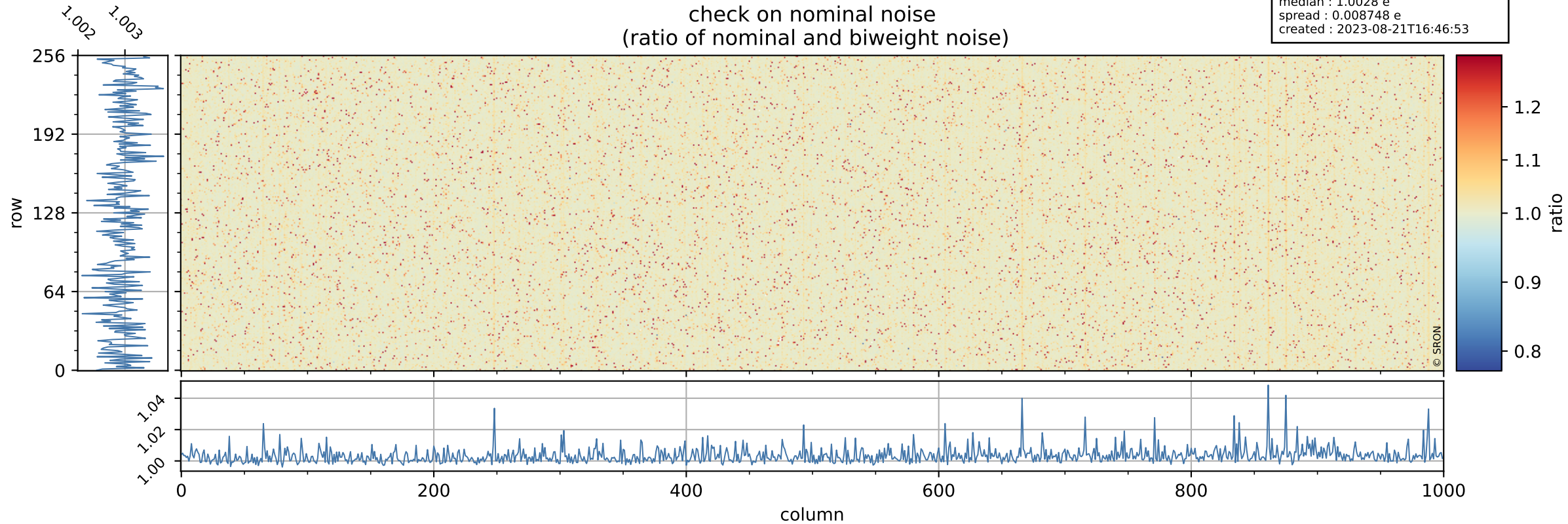
orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
median : 0.99766 e
spread : 0.0055038 e
created : 2023-08-21T16:46:53



Tropomi SWIR background noise (swir)

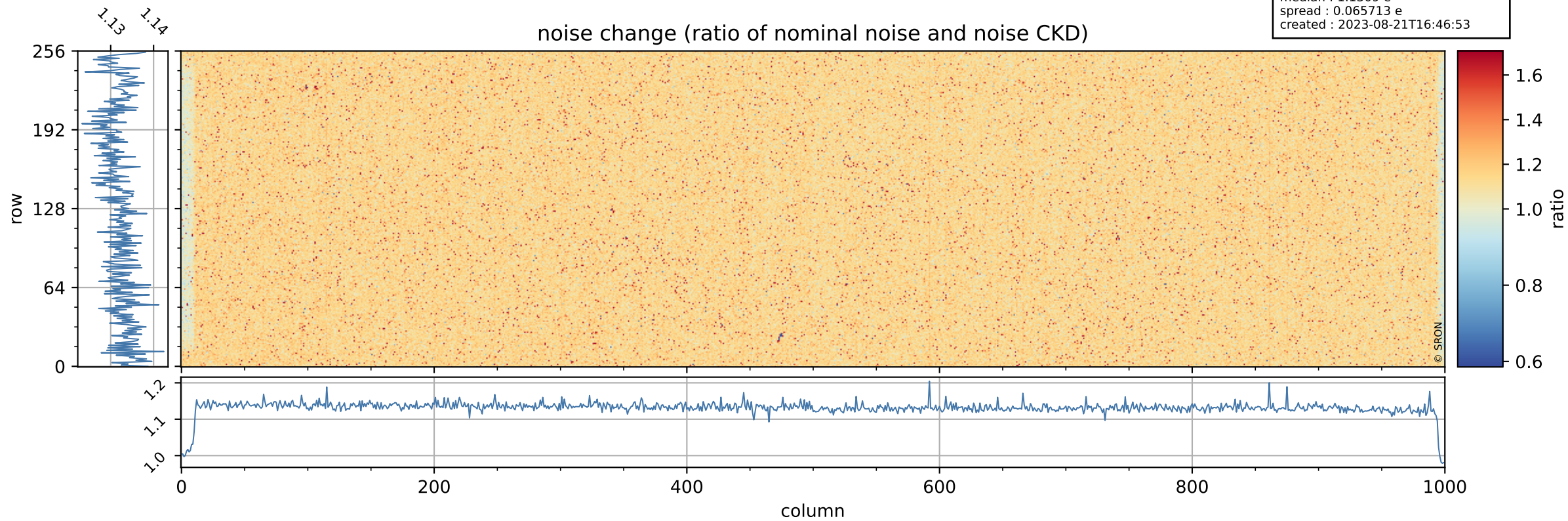
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
median : 1.0028 e
spread : 0.008748 e
created : 2023-08-21T16:46:53



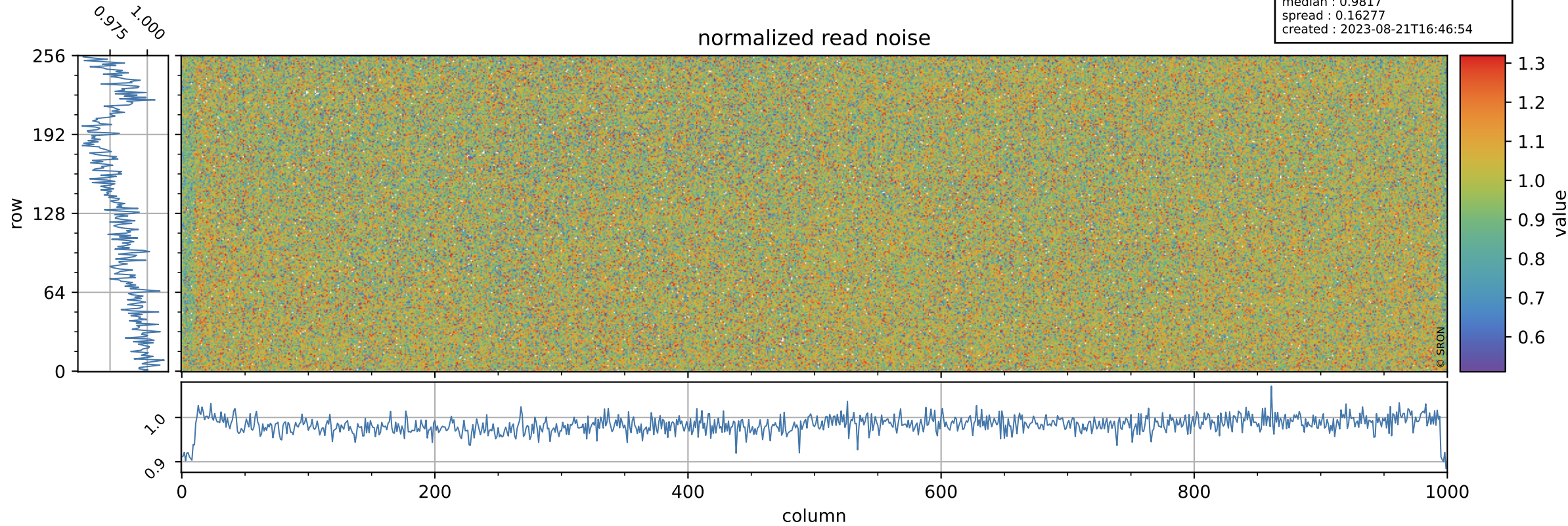
Tropomi SWIR background noise (swir)

orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
median : 1.1309 e
spread : 0.065713 e
created : 2023-08-21T16:46:53



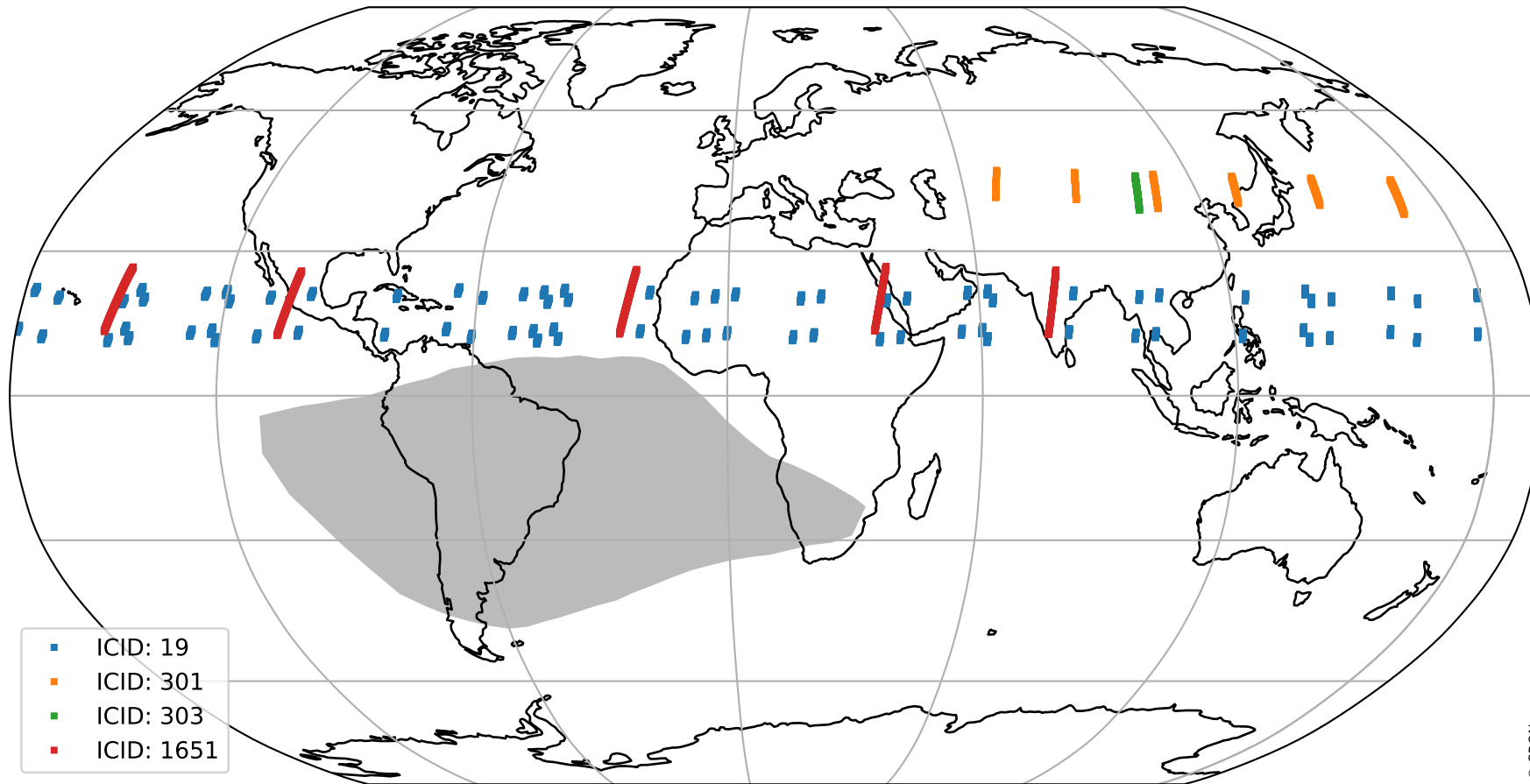
Tropomi SWIR background noise (swir)

orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
median : 0.9817
spread : 0.16277
created : 2023-08-21T16:46:54



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

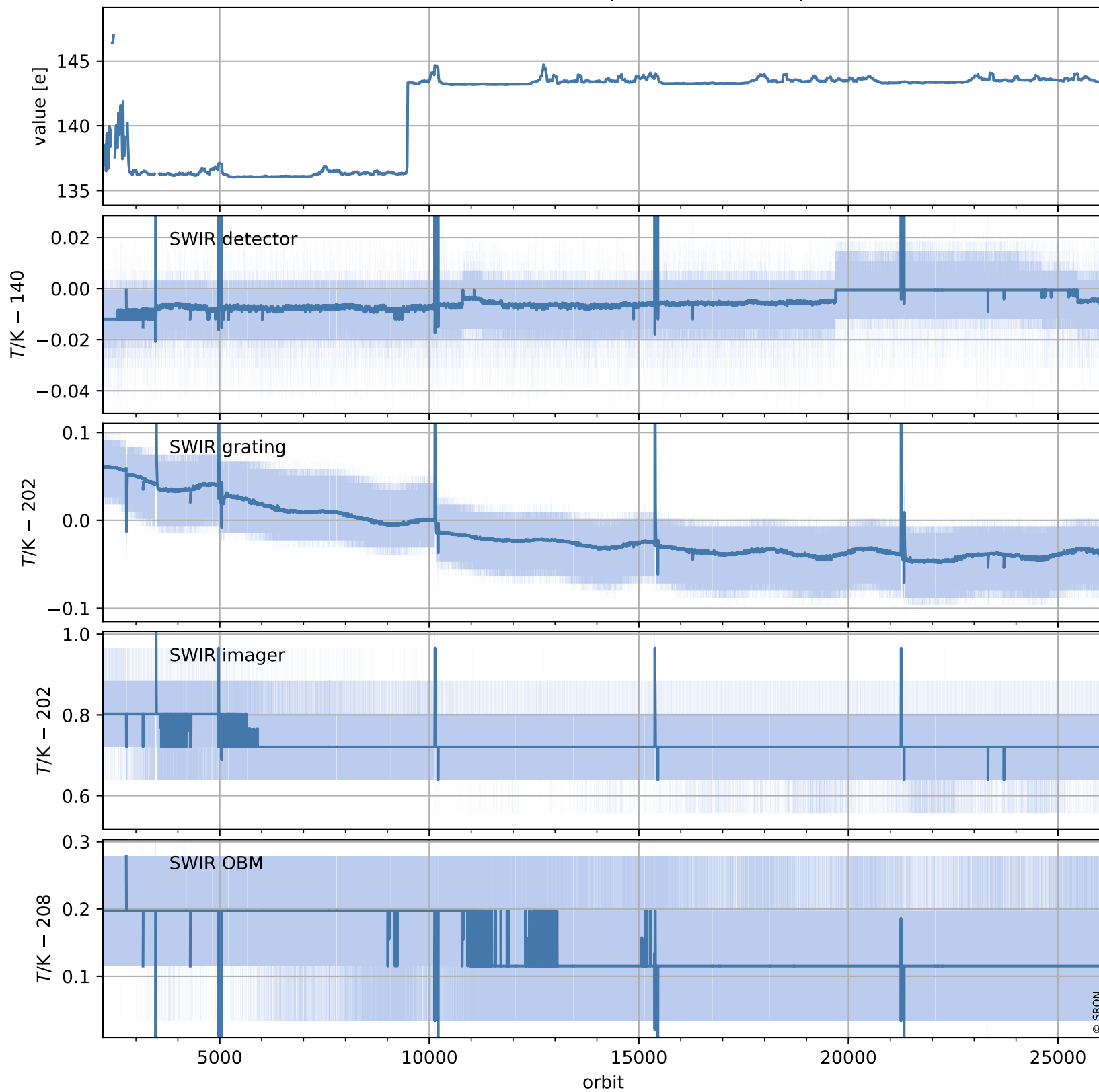
orbits : 12 in [26002, 26092]
coverage : 2022-10-20 / 2022-10-25
created : 2023-08-21T16:46:54



Tropomi SWIR background noise (swir)

orbits : [2212, 26092]
coverage : 2018-03-18 / 2022-10-25
created : 2023-08-21T16:46:54

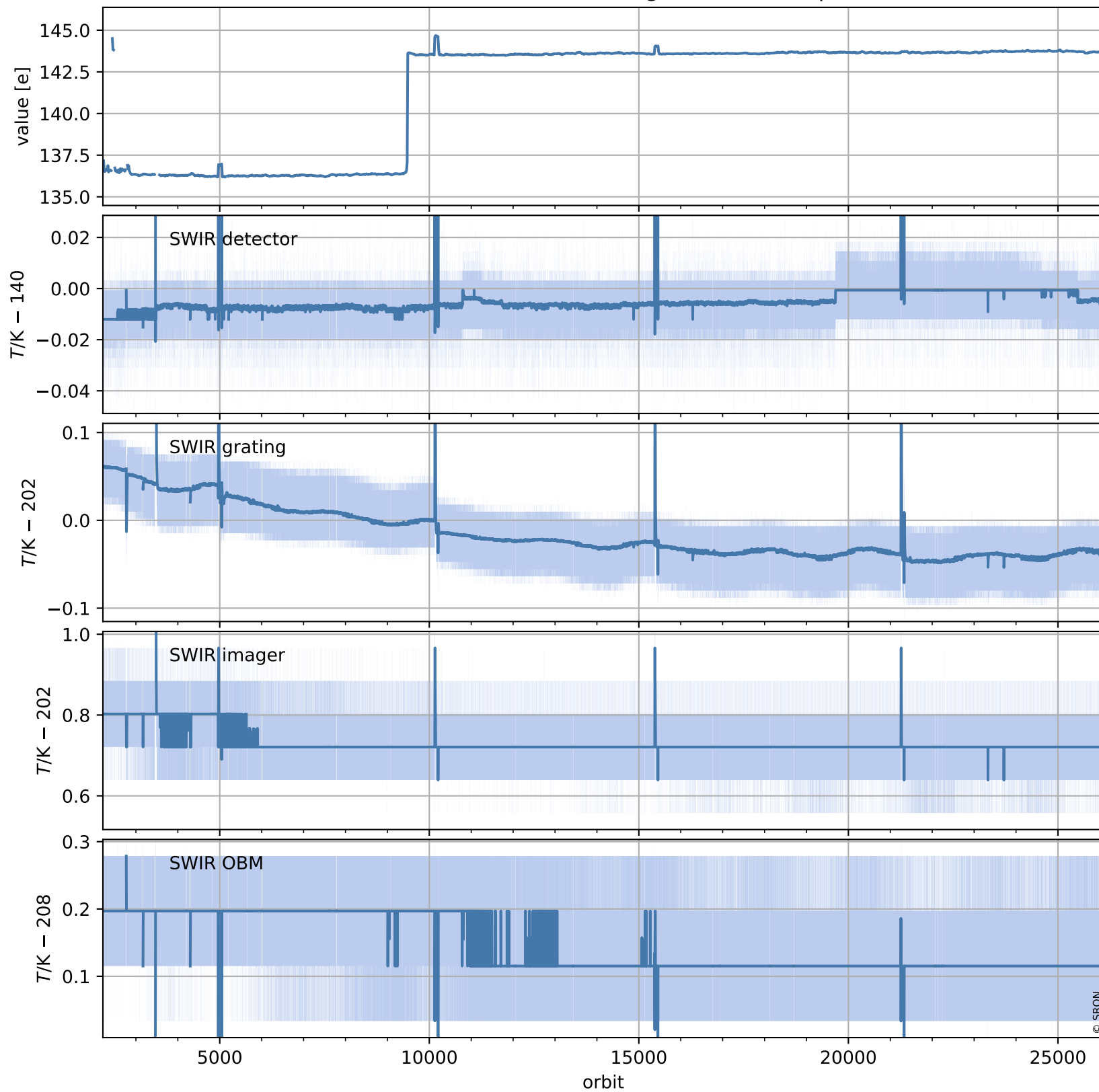
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26092]
coverage : 2018-03-18 / 2022-10-25
created : 2023-08-21T16:46:55

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26092]
coverage : 2018-03-18 / 2022-10-25
created : 2023-08-21T16:46:56

trend of normalized read-noise & temperatures

