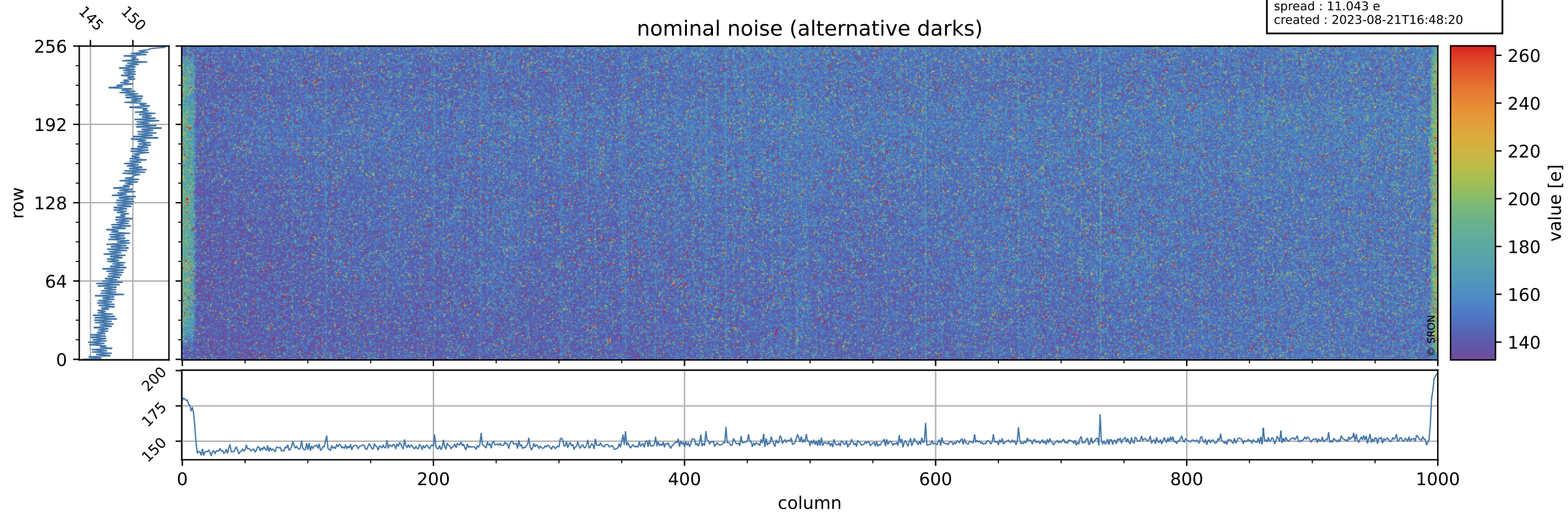


Tropomi SWIR background noise (swir)

orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
n_coad, t_exp : 1, 1.0783
median : 148.9 e
spread : 11.043 e
created : 2023-08-21T16:48:20

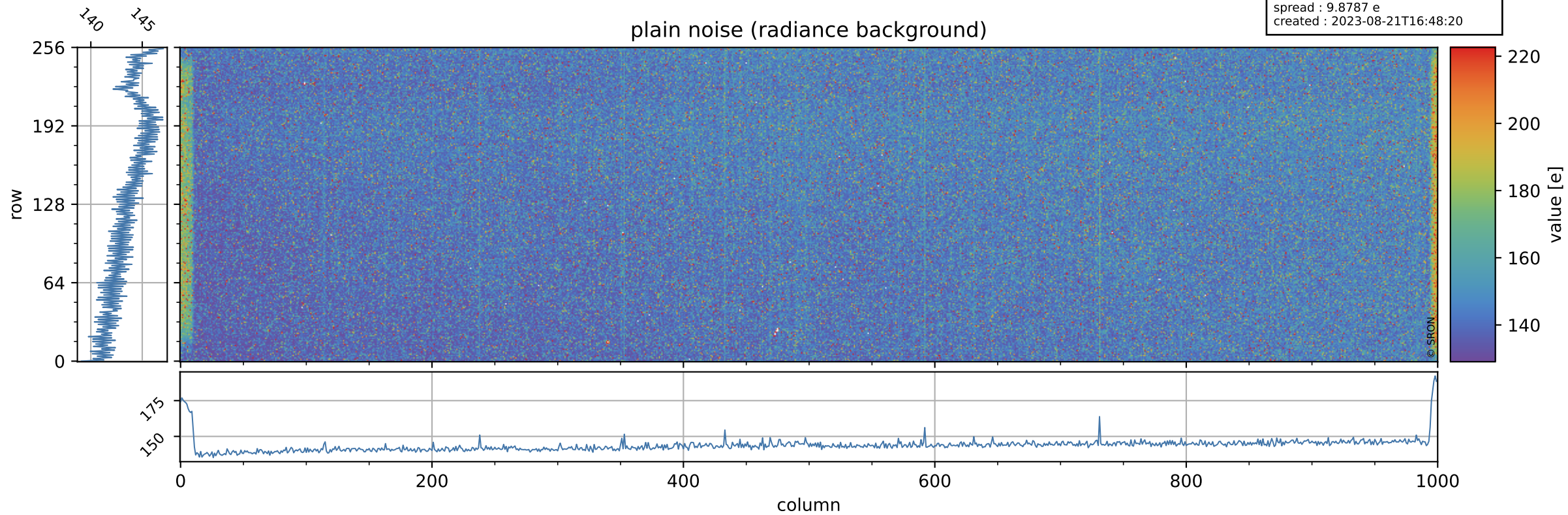
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
n_coad, t_exp : 1, 0.8383
median : 143.52 e
spread : 9.8787 e
created : 2023-08-21T16:48:20

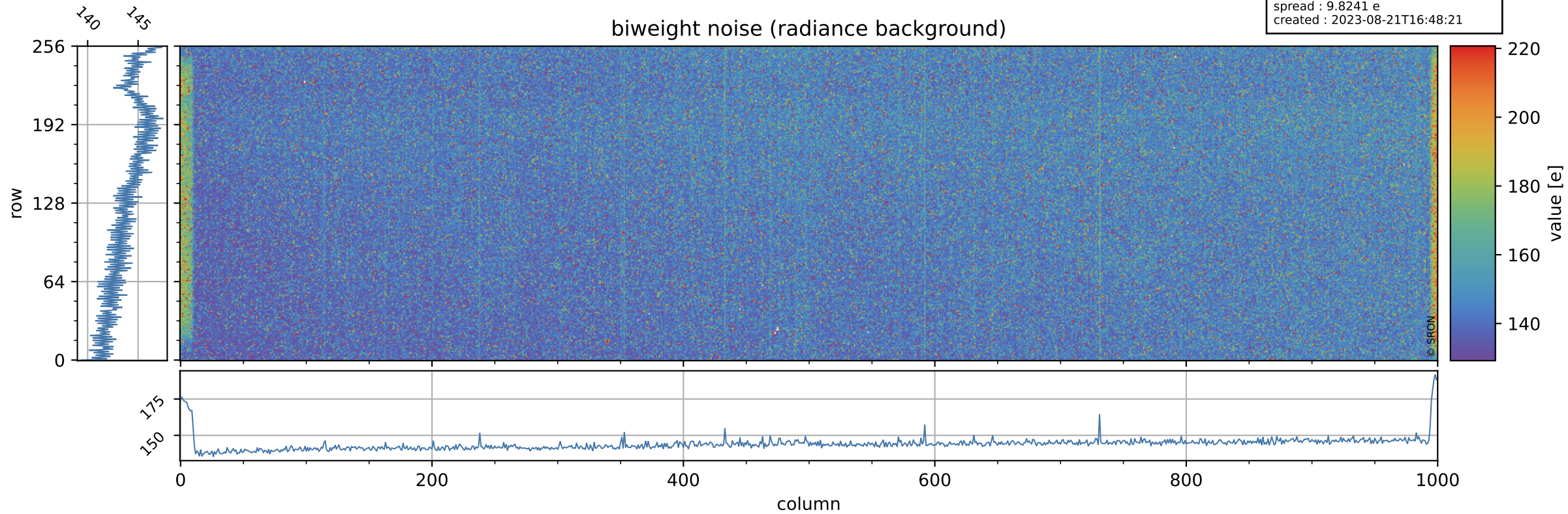
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.8241 e
created : 2023-08-21T16:48:21

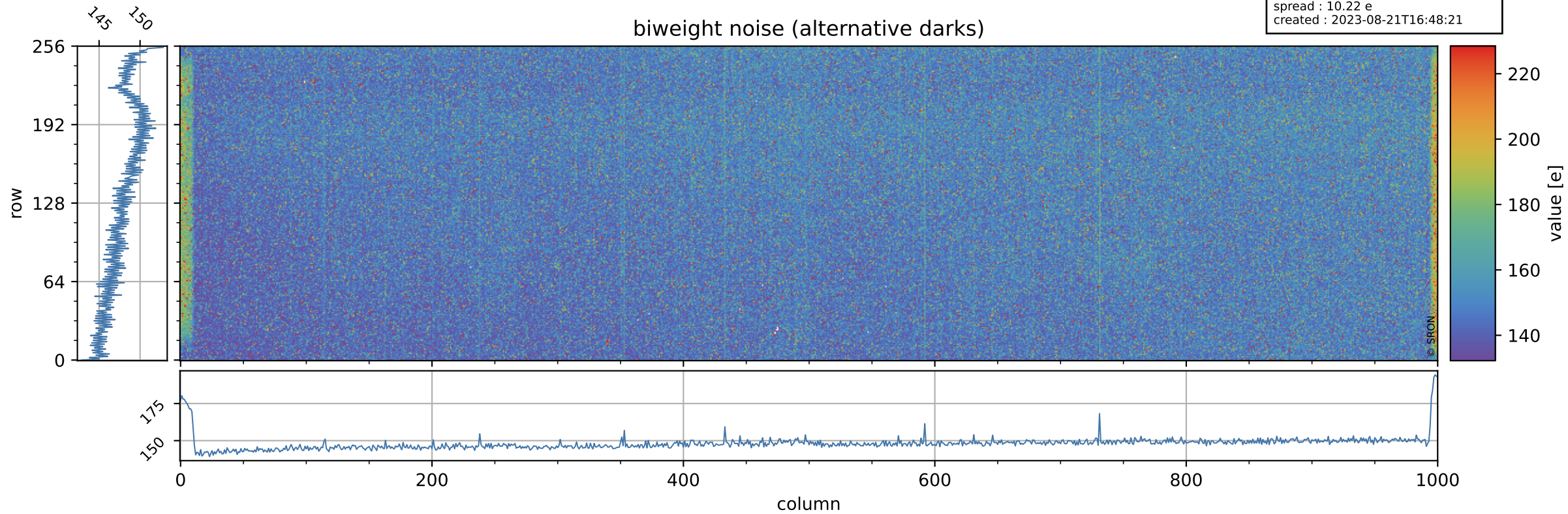
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.22 e
created : 2023-08-21T16:48:21

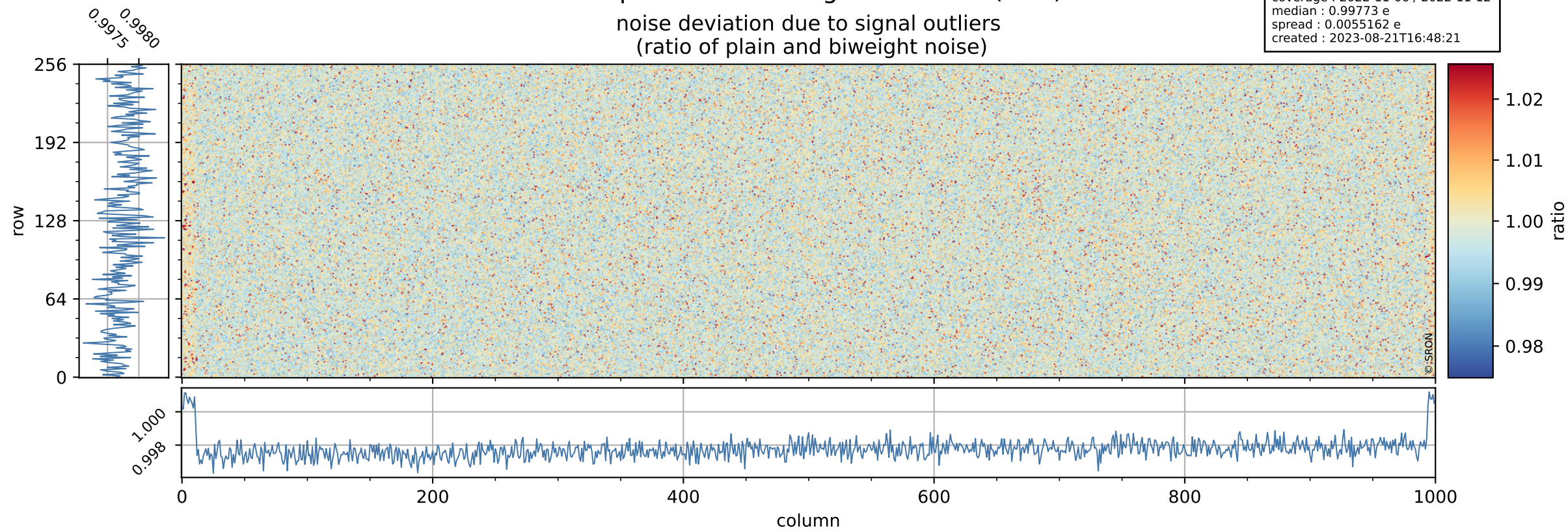
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

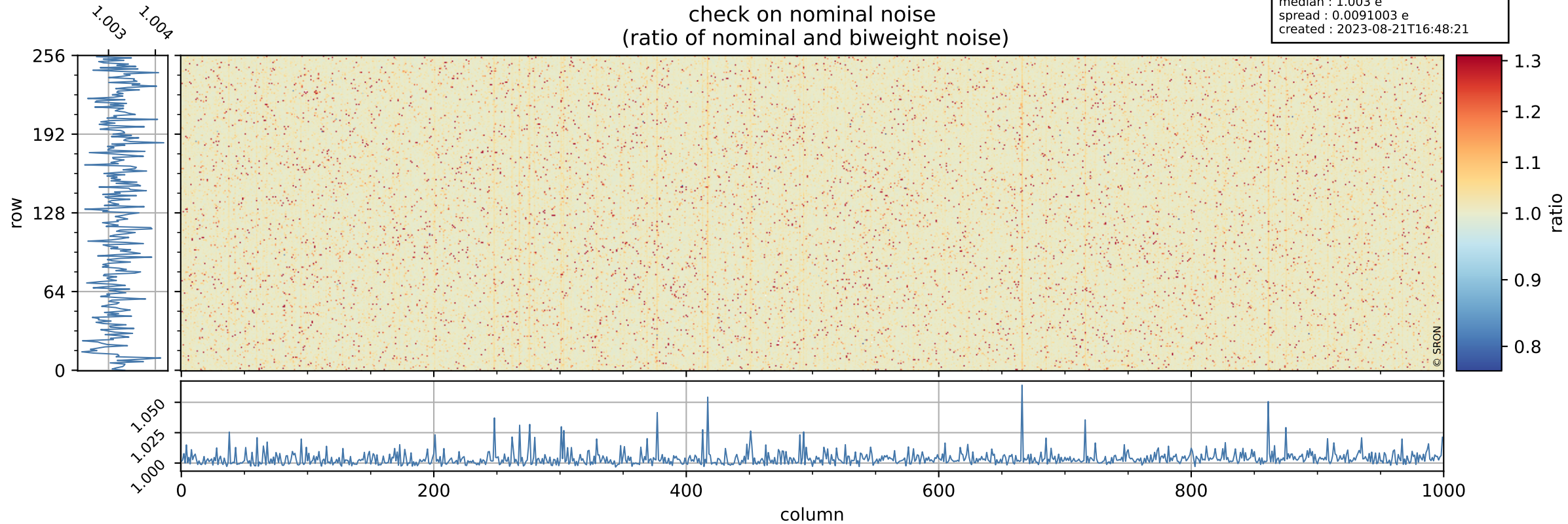
orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
median : 0.99773 e
spread : 0.0055162 e
created : 2023-08-21T16:48:21



Tropomi SWIR background noise (swir)

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

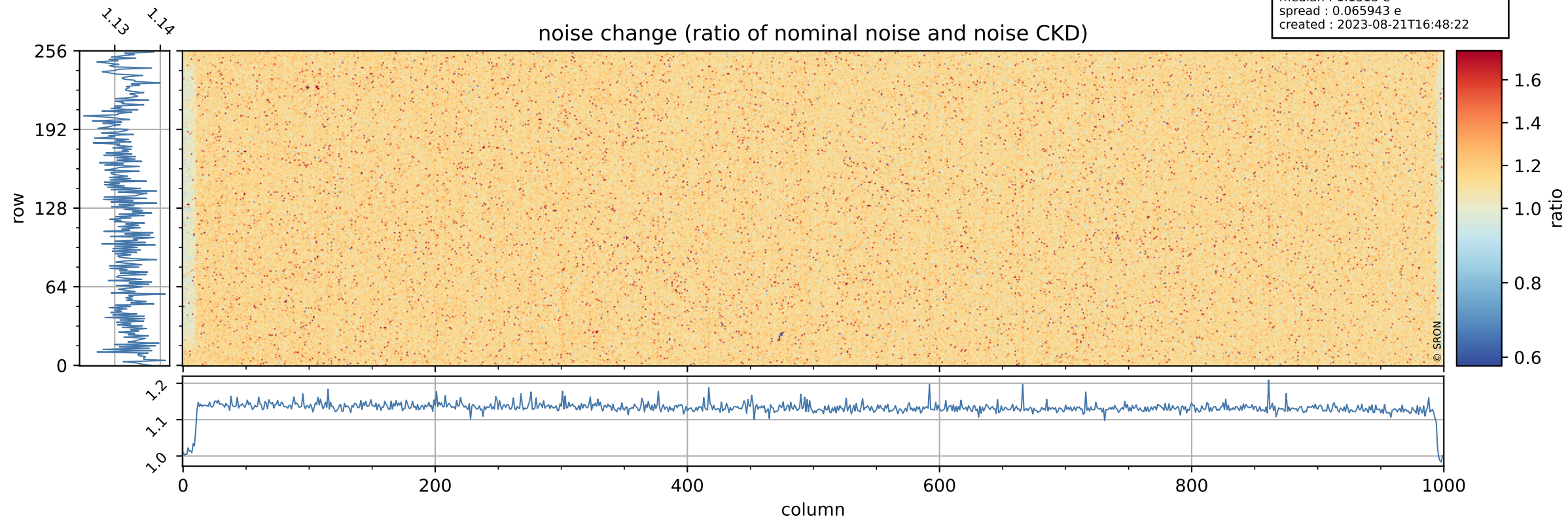
orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
median : 1.003 e
spread : 0.0091003 e
created : 2023-08-21T16:48:21



Tropomi SWIR background noise (swir)

orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
median : 1.1313 e
spread : 0.065943 e
created : 2023-08-21T16:48:22

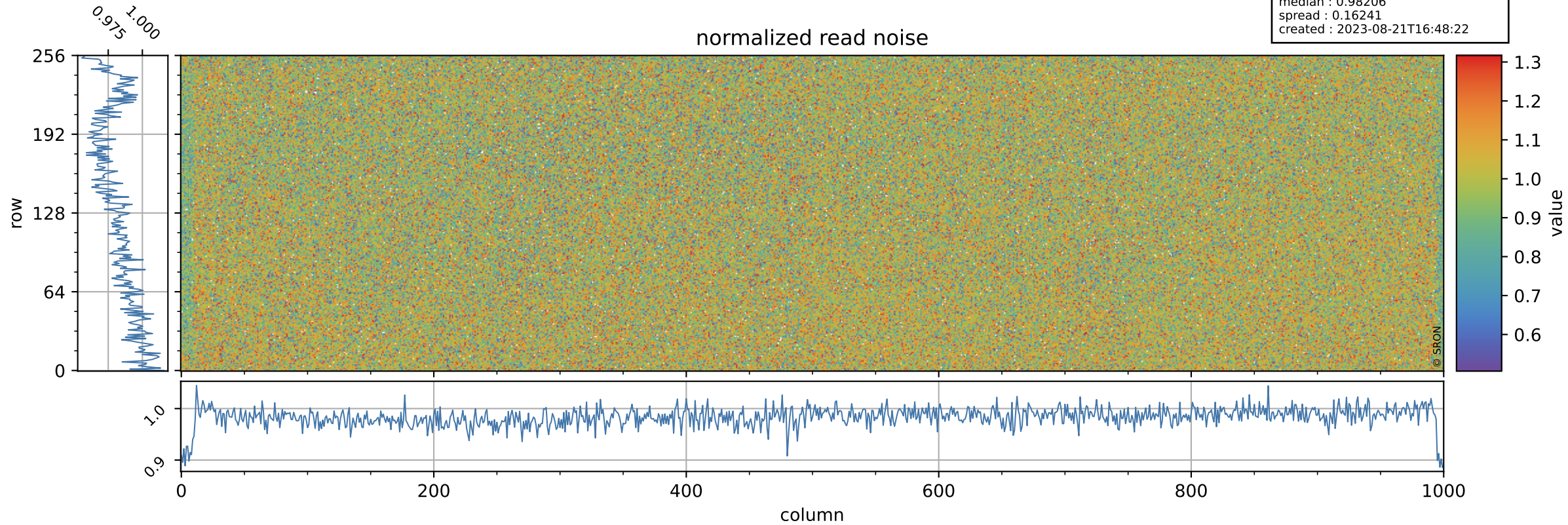
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

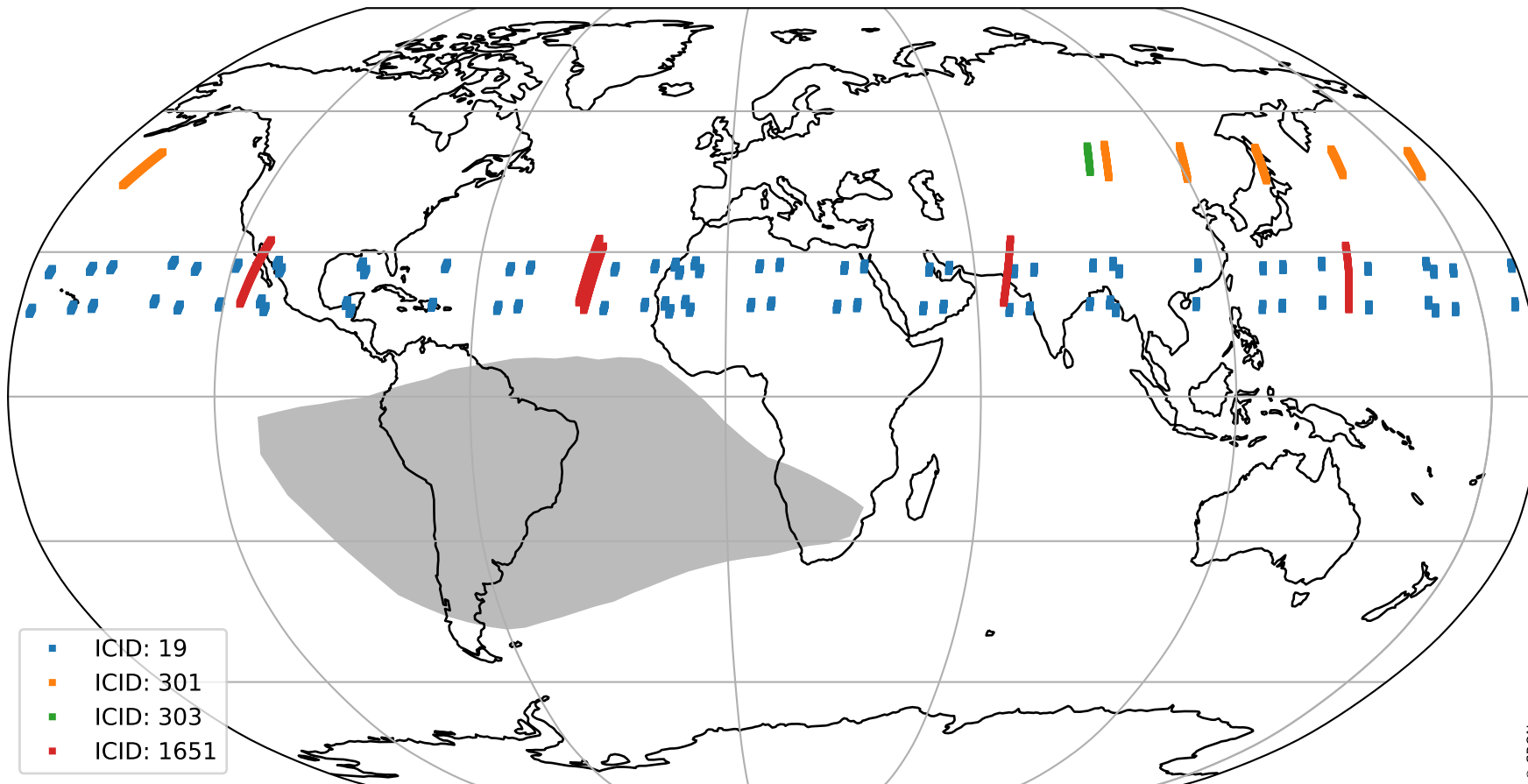
orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
median : 0.98206
spread : 0.16241
created : 2023-08-21T16:48:22

normalized read noise



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

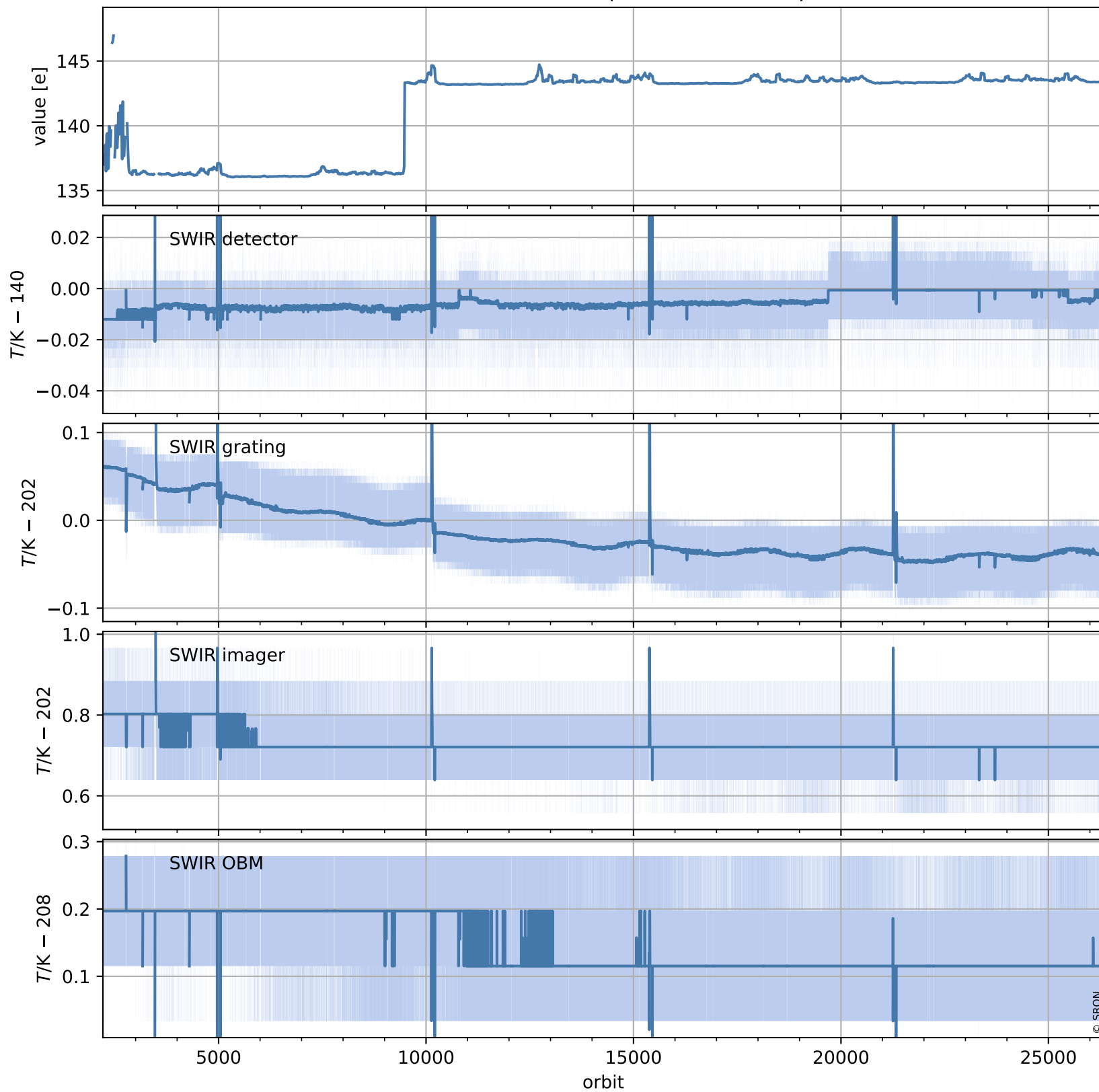
orbits : 12 in [26242, 26332]
coverage : 2022-11-06 / 2022-11-12
created : 2023-08-21T16:48:22



Tropomi SWIR background noise (swir)

orbits : [2212, 26332]
coverage : 2018-03-18 / 2022-11-12
created : 2023-08-21T16:48:23

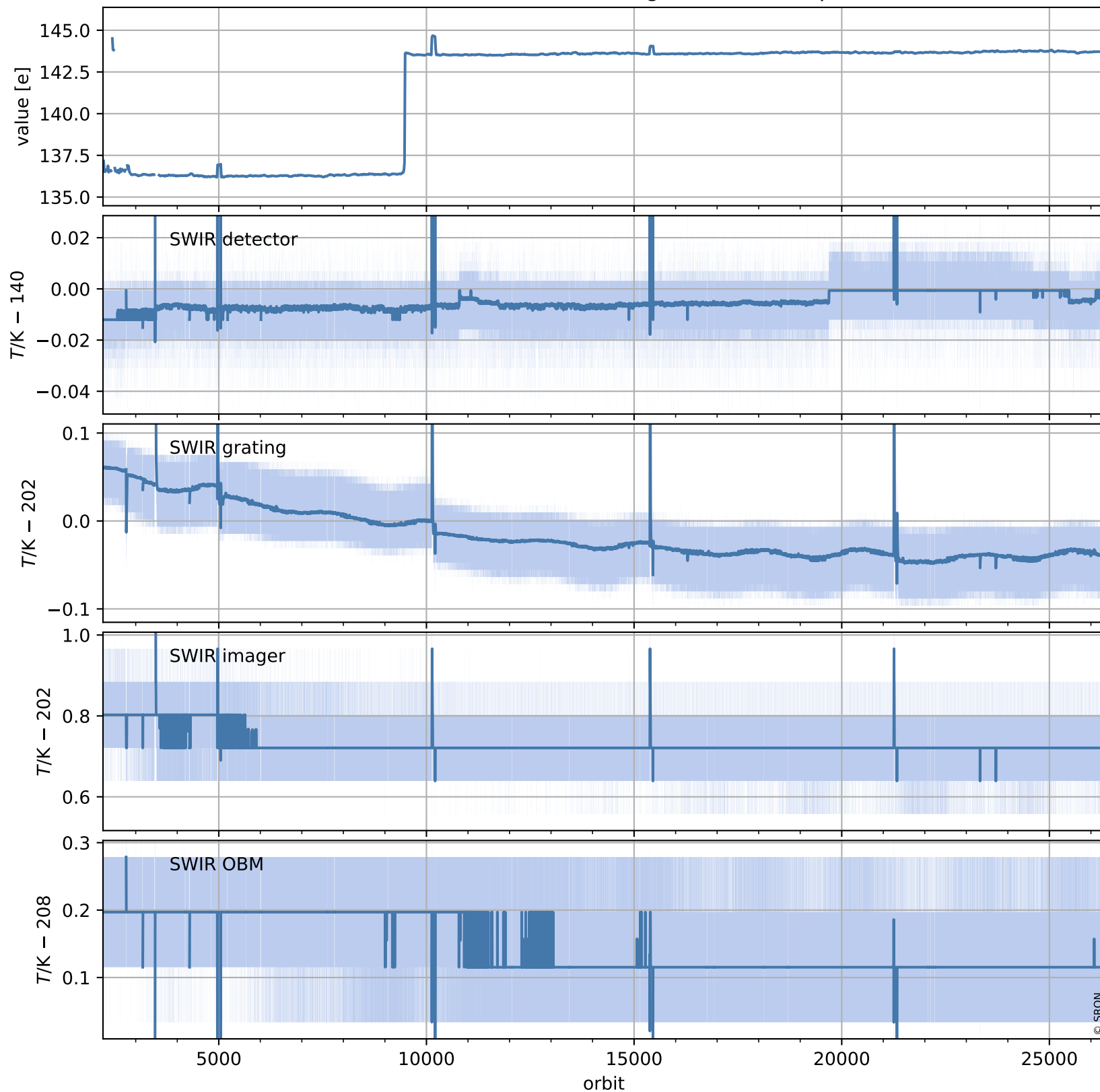
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26332]
coverage : 2018-03-18 / 2022-11-12
created : 2023-08-21T16:48:23

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26332]
coverage : 2018-03-18 / 2022-11-12
created : 2023-08-21T16:48:24

trend of normalized read-noise & temperatures

