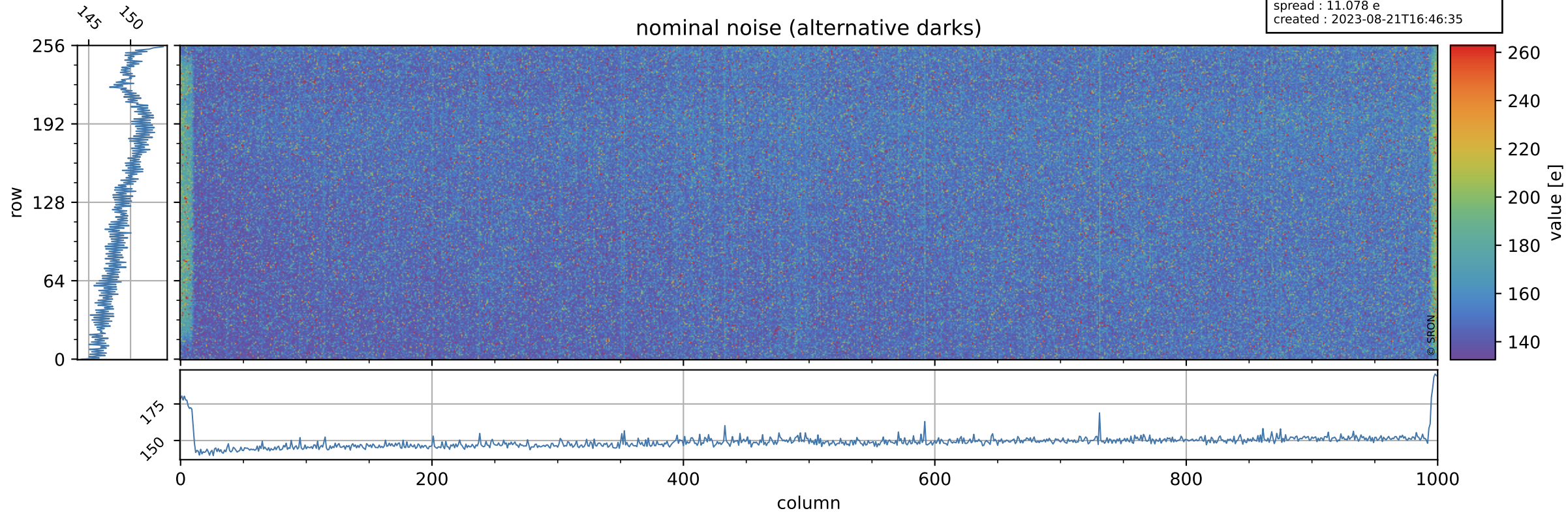


Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
n_coad, t_exp : 1, 1.0783
median : 148.97 e
spread : 11.078 e
created : 2023-08-21T16:46:35

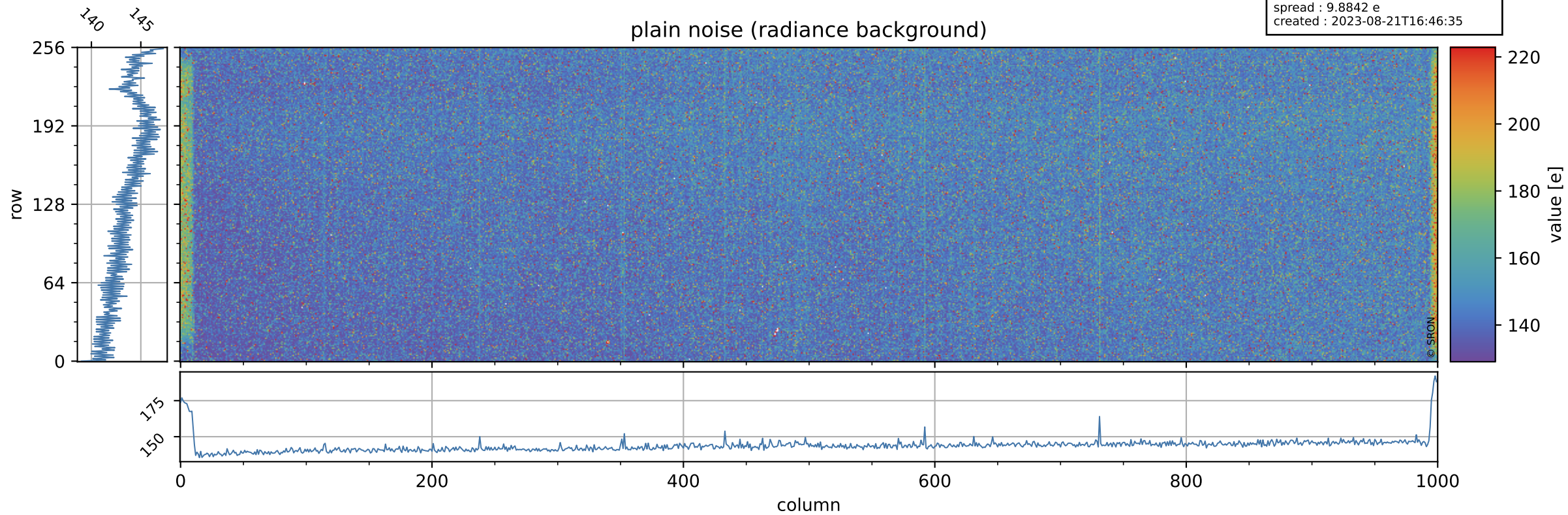
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8842 e
created : 2023-08-21T16:46:35

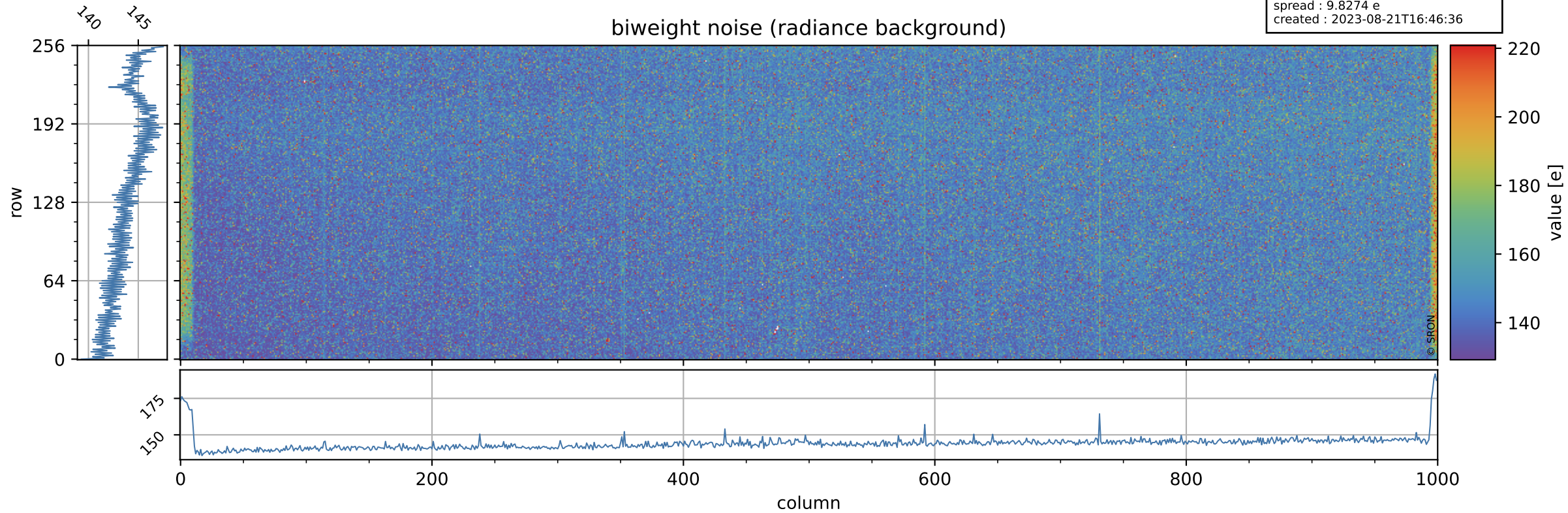
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.8274 e
created : 2023-08-21T16:46:36

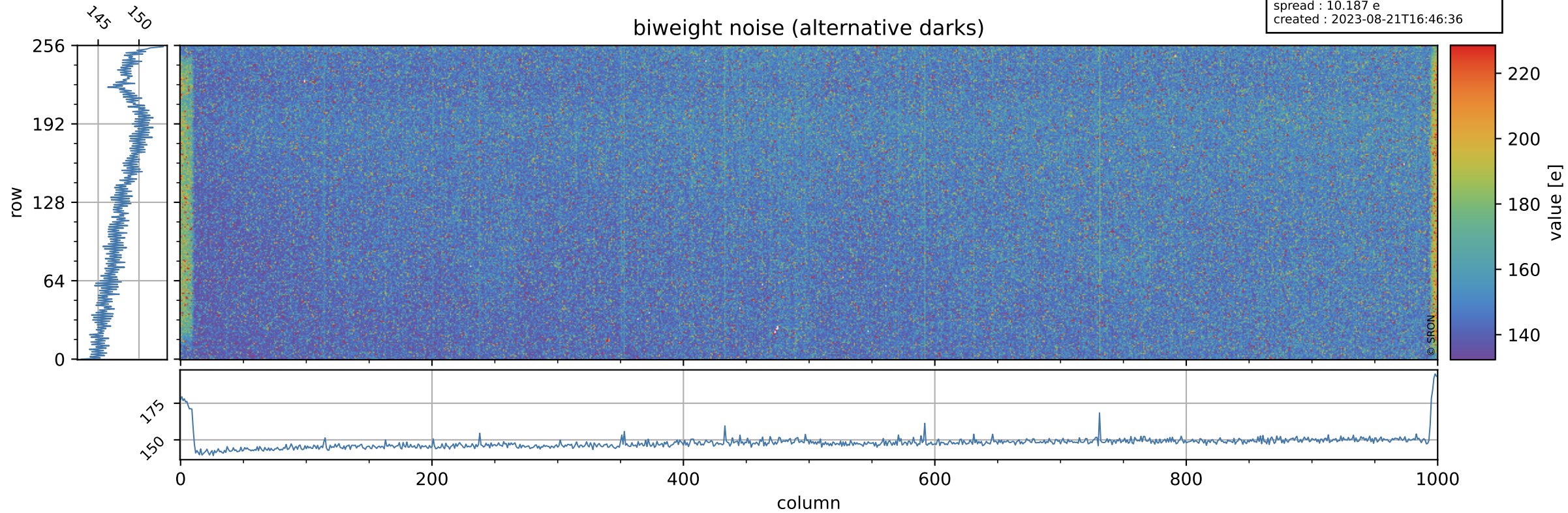
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.187 e
created : 2023-08-21T16:46:36

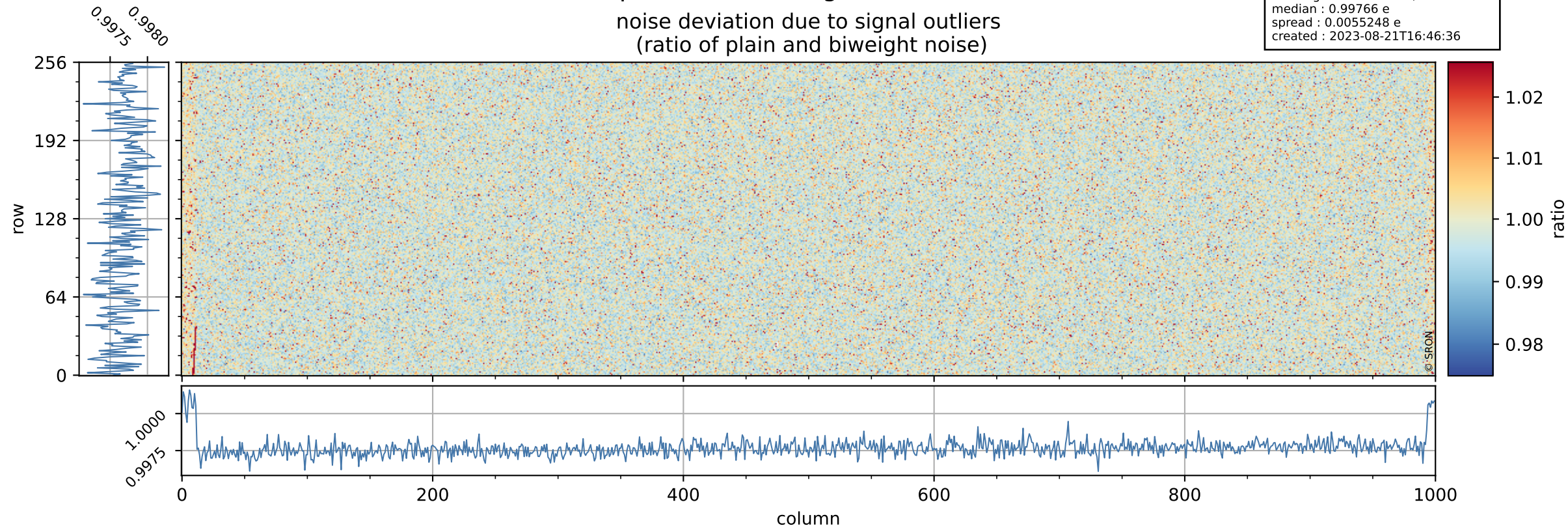
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

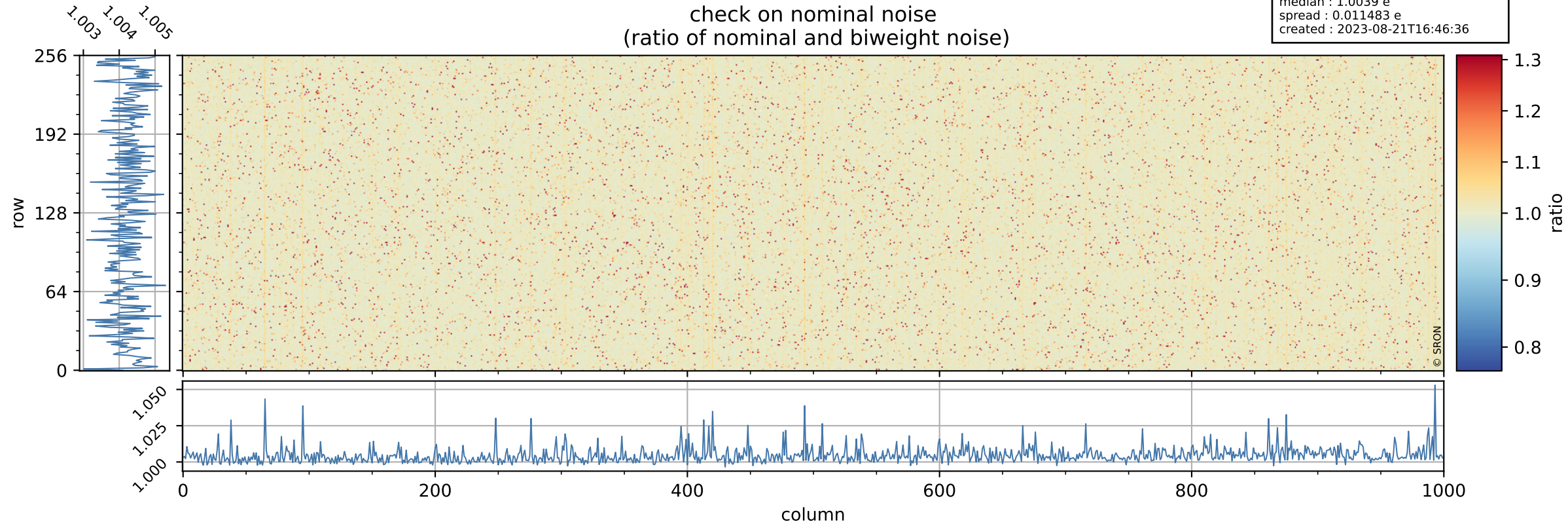
orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
median : 0.99766 e
spread : 0.0055248 e
created : 2023-08-21T16:46:36



Tropomi SWIR background noise (swir)

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

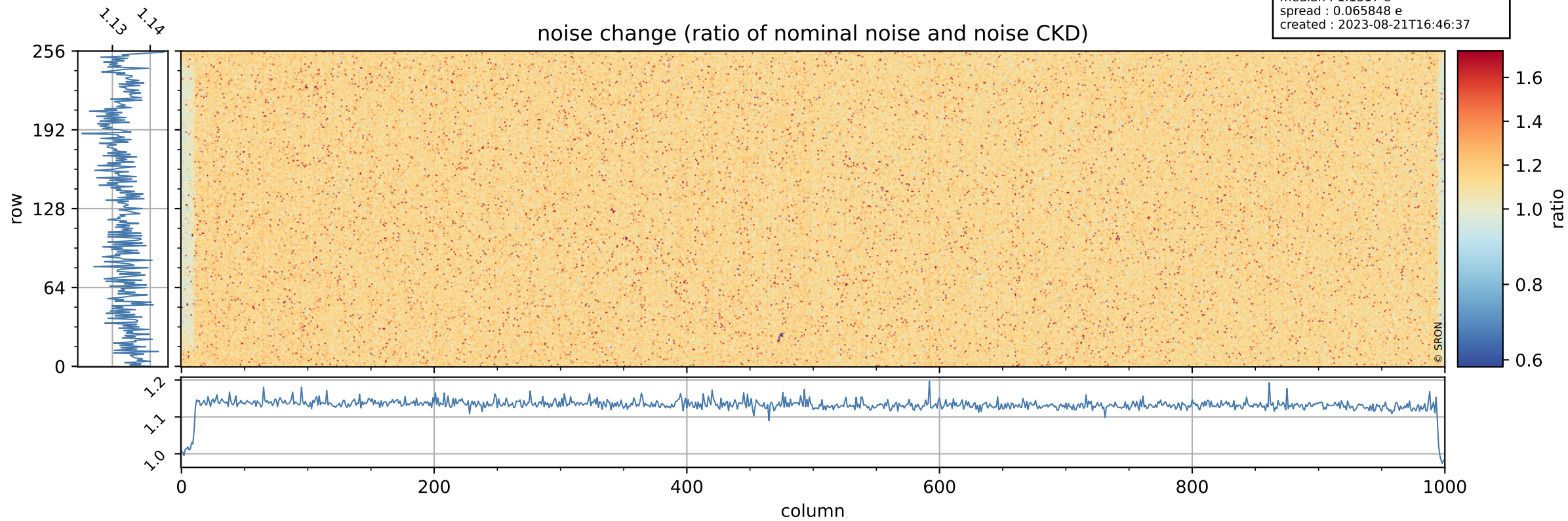
orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
median : 1.0039 e
spread : 0.011483 e
created : 2023-08-21T16:46:36



Tropomi SWIR background noise (swir)

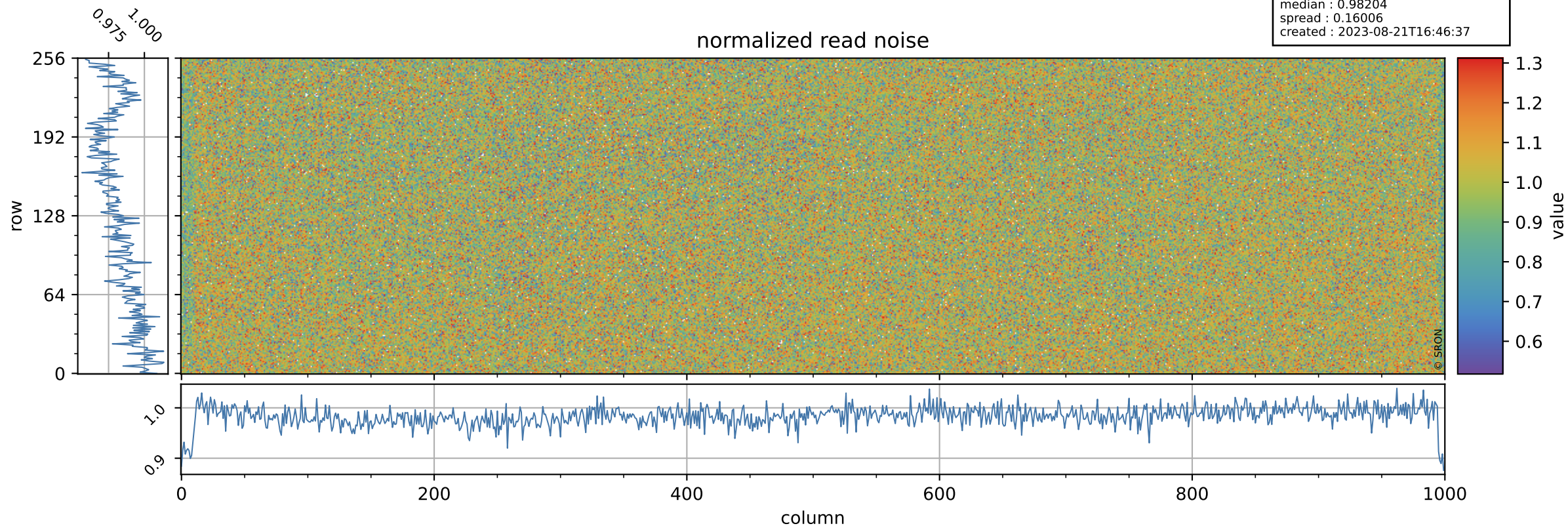
orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
median : 1.1317 e
spread : 0.065848 e
created : 2023-08-21T16:46:37

noise change (ratio of nominal noise and noise CKD)



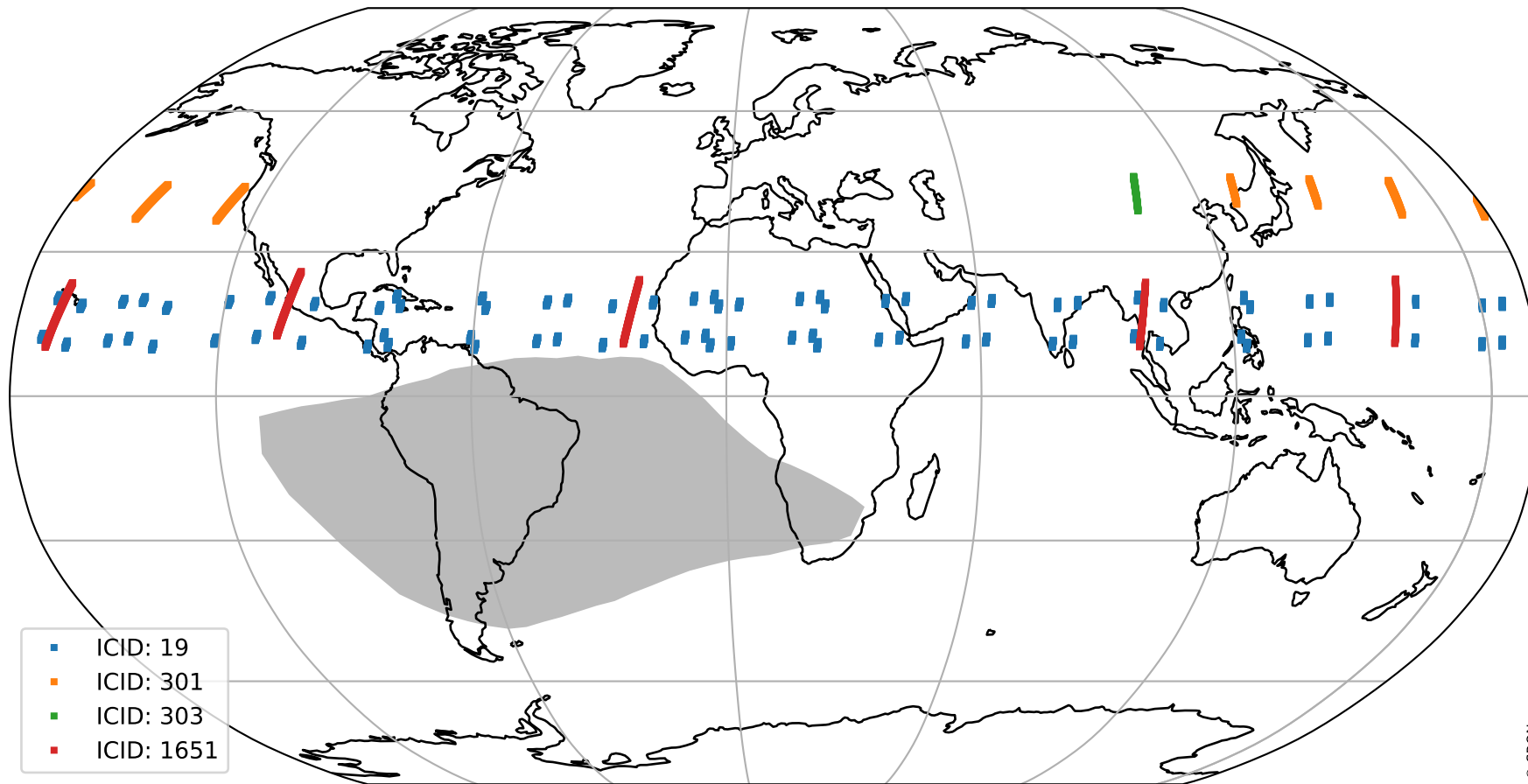
Tropomi SWIR background noise (swir)

orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
median : 0.98204
spread : 0.16006
created : 2023-08-21T16:46:37



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

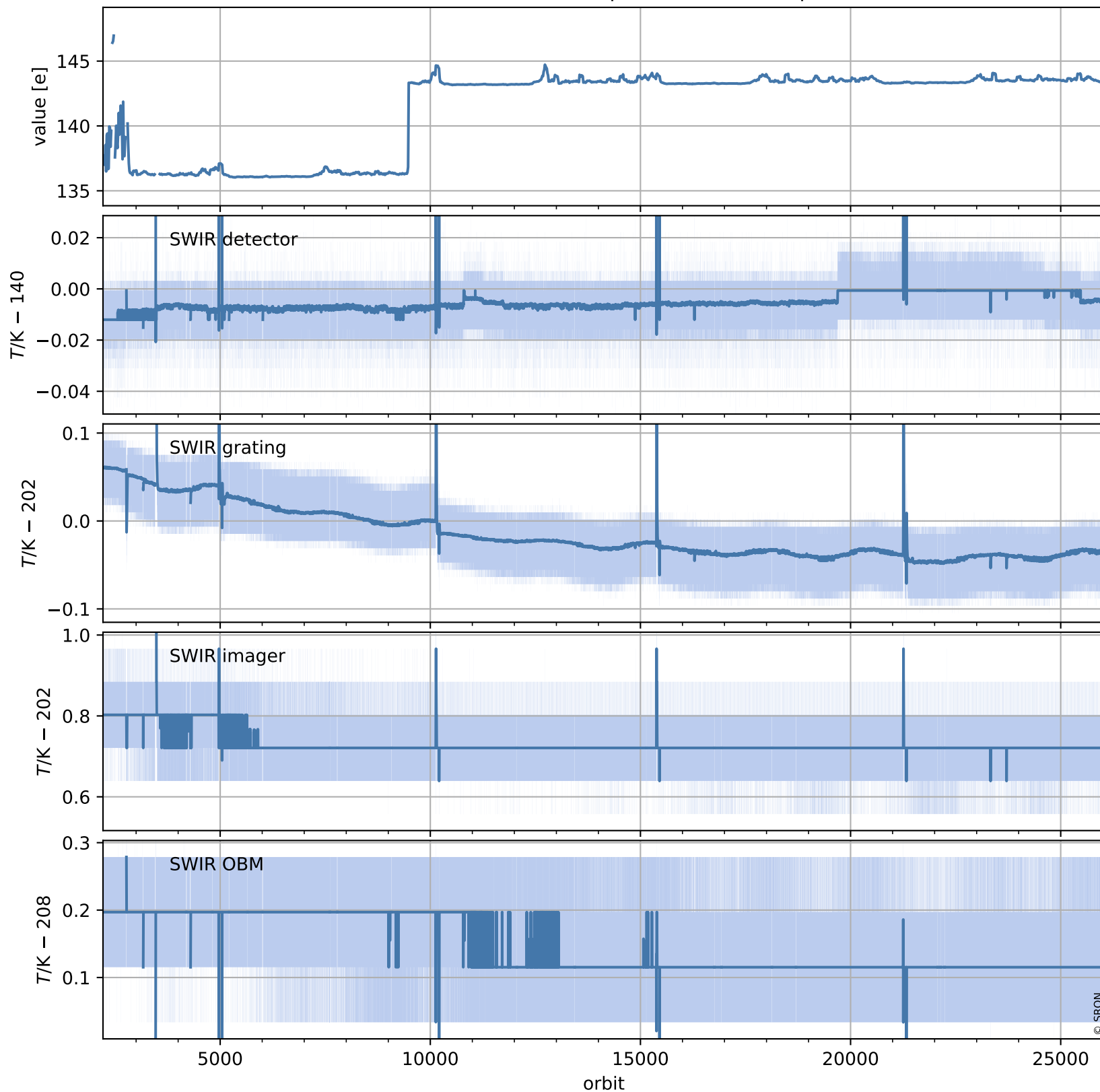
orbits : 12 in [25957, 26047]
coverage : 2022-10-17 / 2022-10-23
created : 2023-08-21T16:46:37



Tropomi SWIR background noise (swir)

orbits : [2212, 26047]
coverage : 2018-03-18 / 2022-10-23
created : 2023-08-21T16:46:38

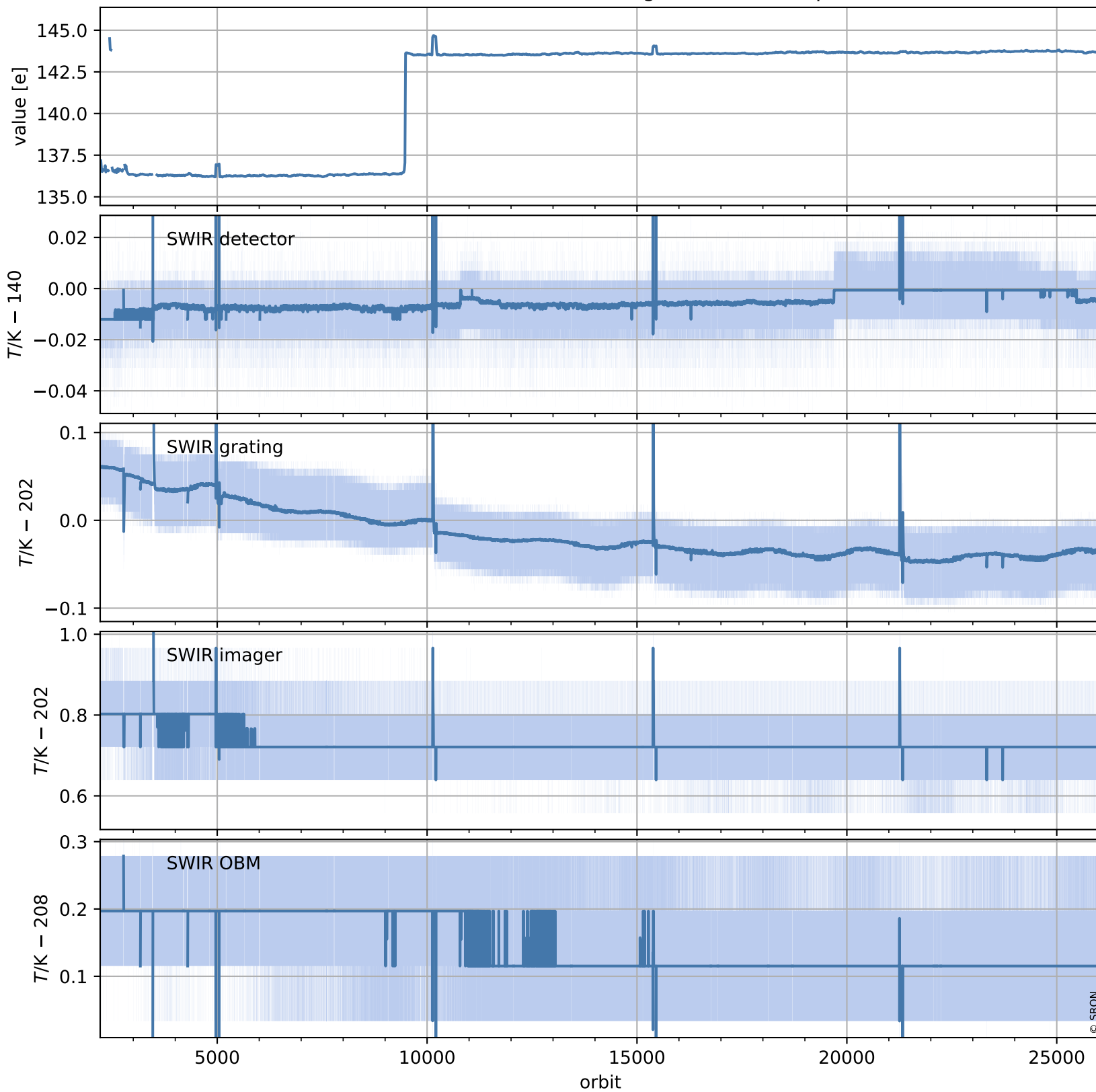
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26047]
coverage : 2018-03-18 / 2022-10-23
created : 2023-08-21T16:46:38

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26047]
coverage : 2018-03-18 / 2022-10-23
created : 2023-08-21T16:46:39

trend of normalized read-noise & temperatures

