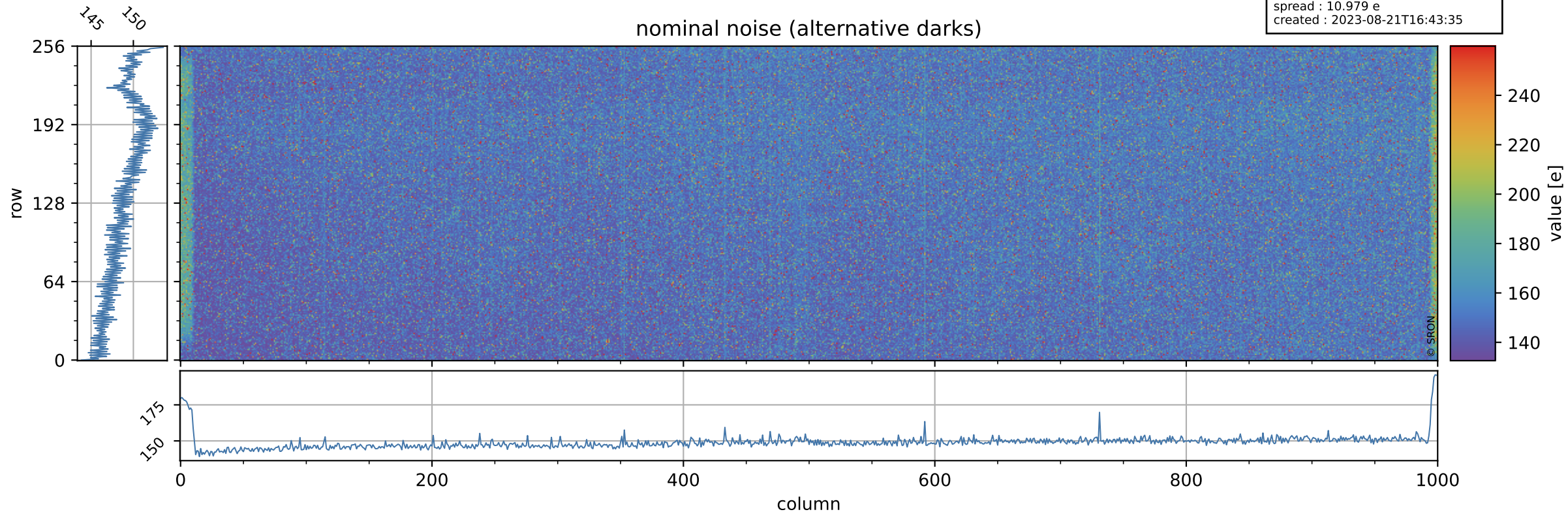


Tropomi SWIR background noise (swir)

orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
n_coad, t_exp : 1, 1.0783
median : 148.77 e
spread : 10.979 e
created : 2023-08-21T16:43:35

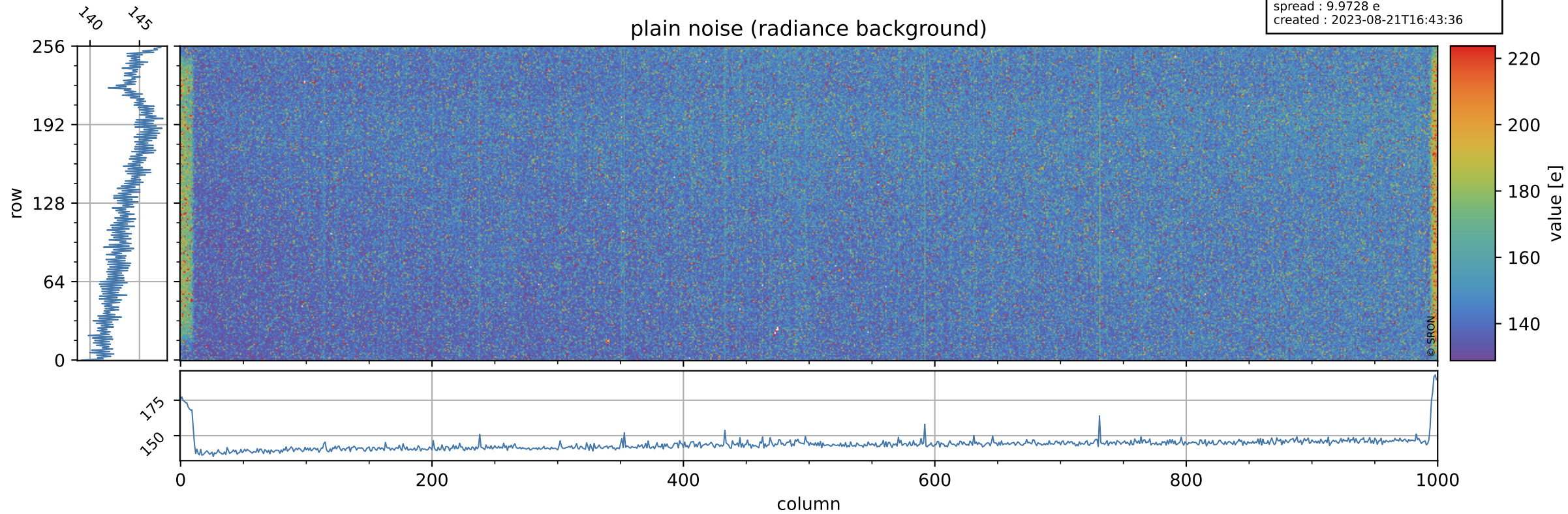
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
n_coad, t_exp : 1, 0.8383
median : 143.64 e
spread : 9.9728 e
created : 2023-08-21T16:43:36

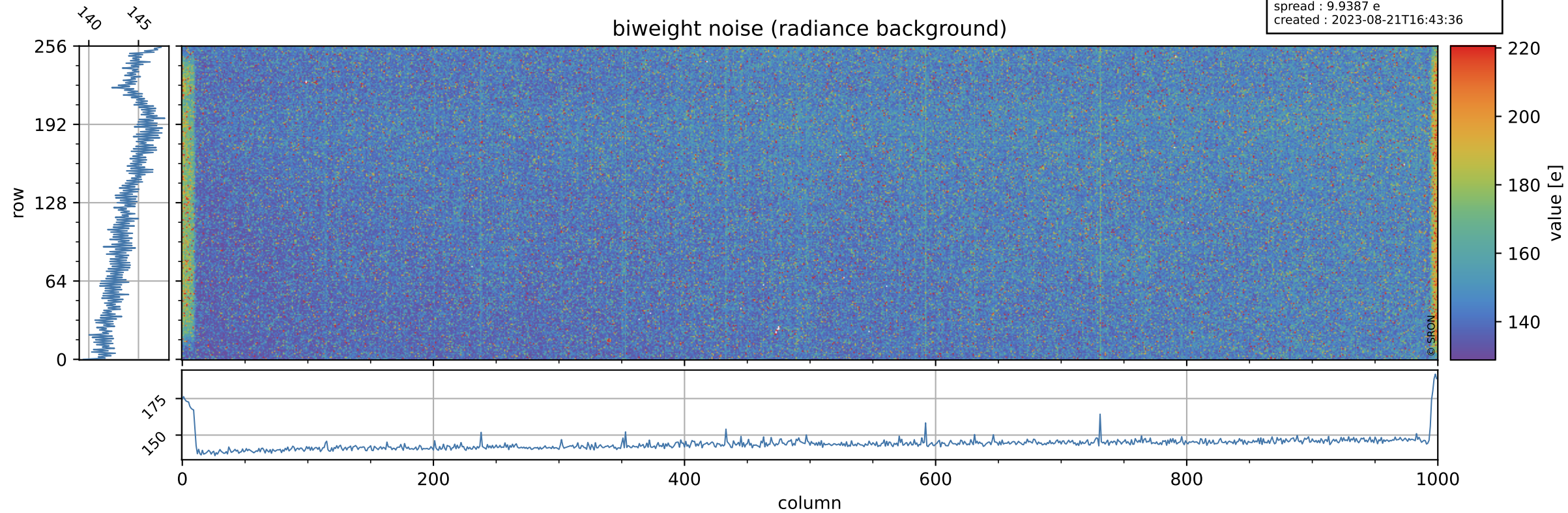
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.9387 e
created : 2023-08-21T16:43:36

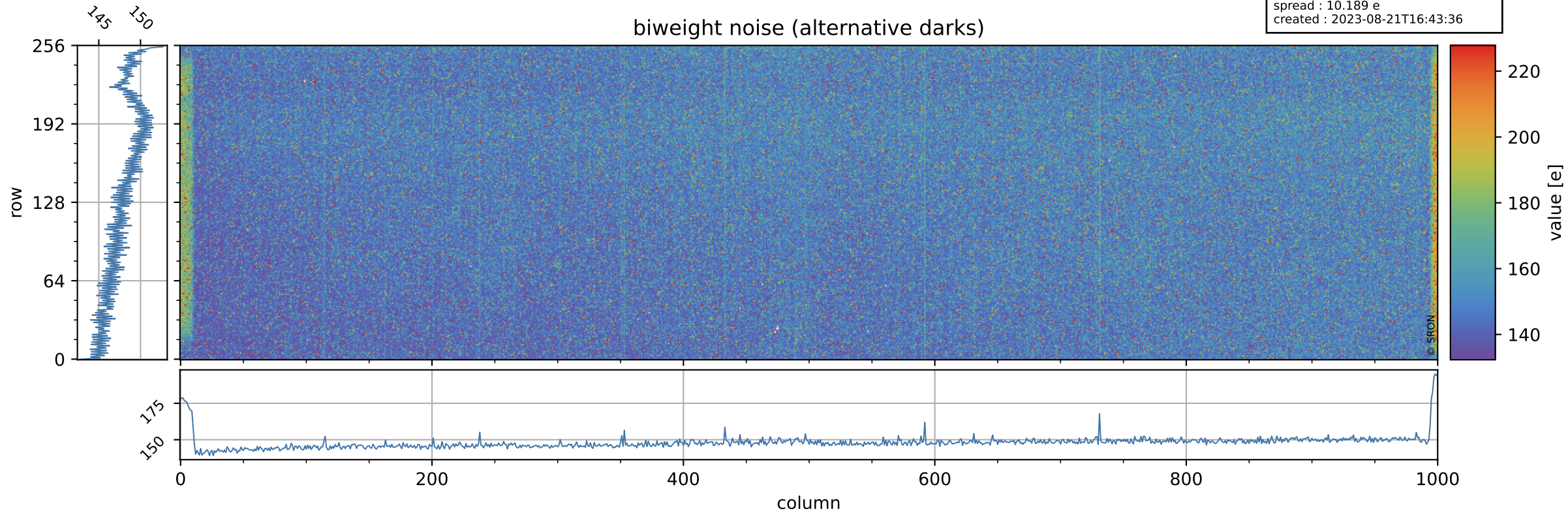
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.189 e
created : 2023-08-21T16:43:36

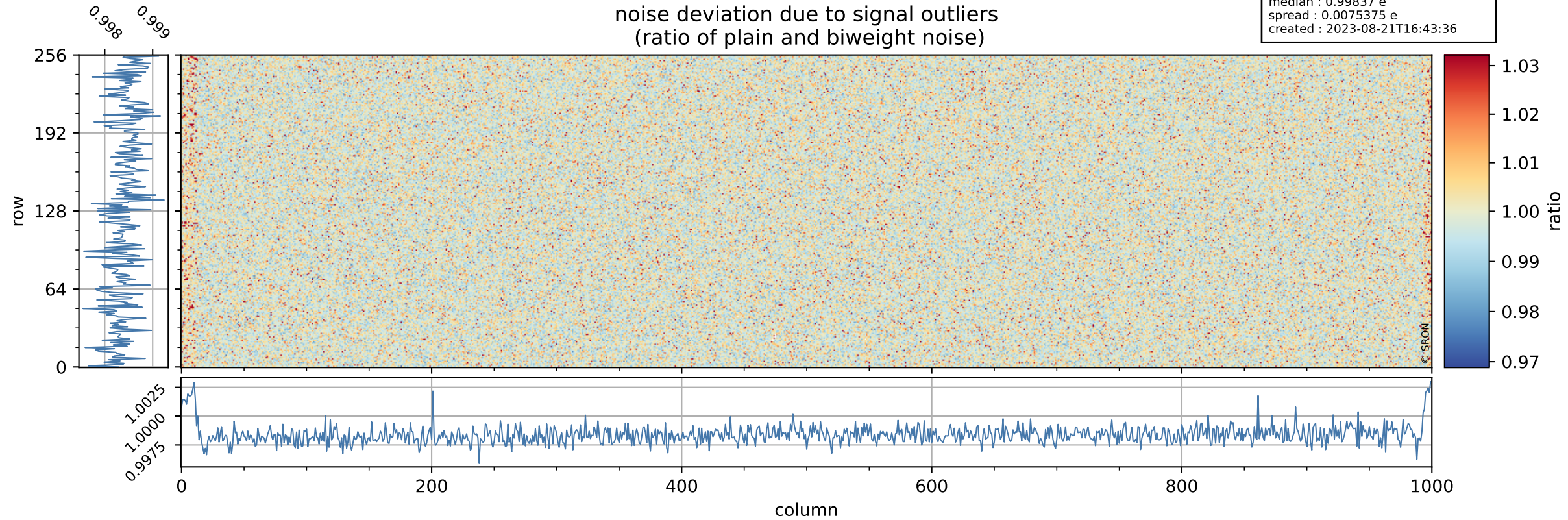
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

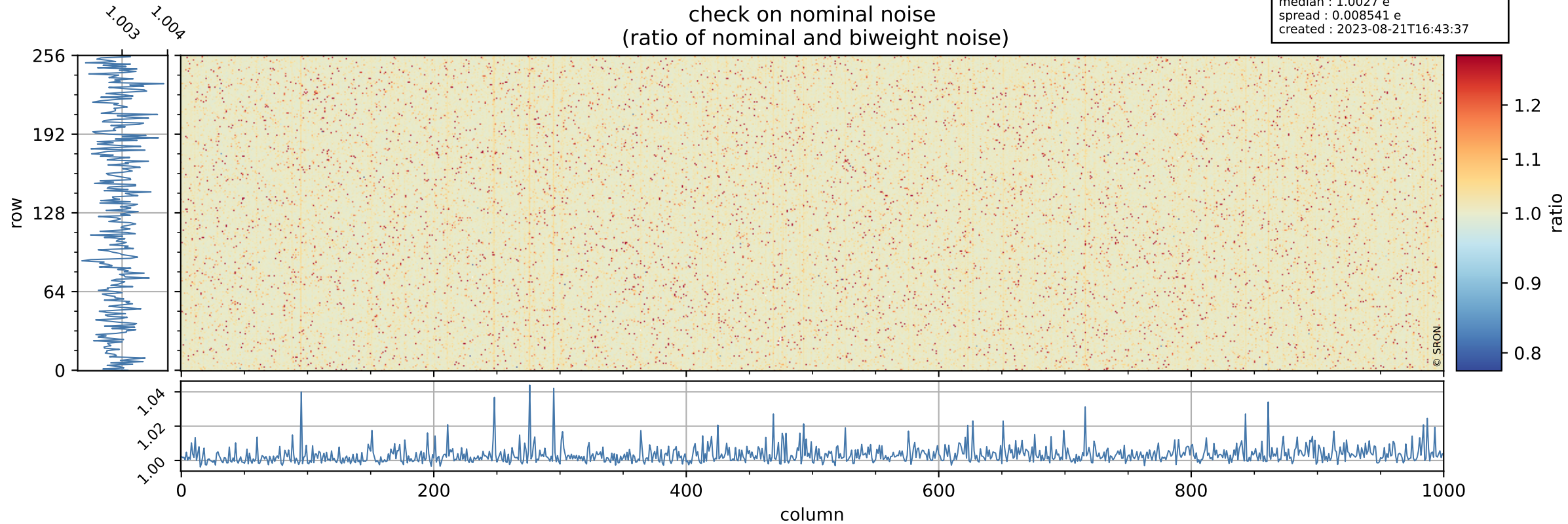
orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
median : 0.99837 e
spread : 0.0075375 e
created : 2023-08-21T16:43:36



Tropomi SWIR background noise (swir)

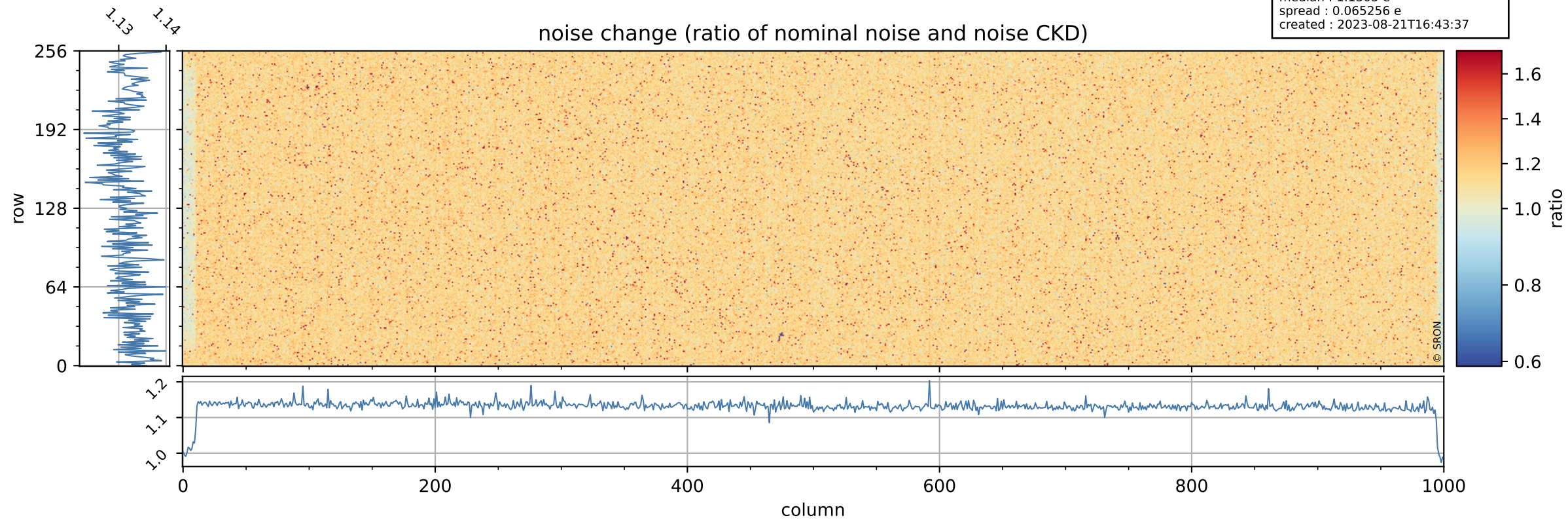
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
median : 1.0027 e
spread : 0.008541 e
created : 2023-08-21T16:43:37



Tropomi SWIR background noise (swir)

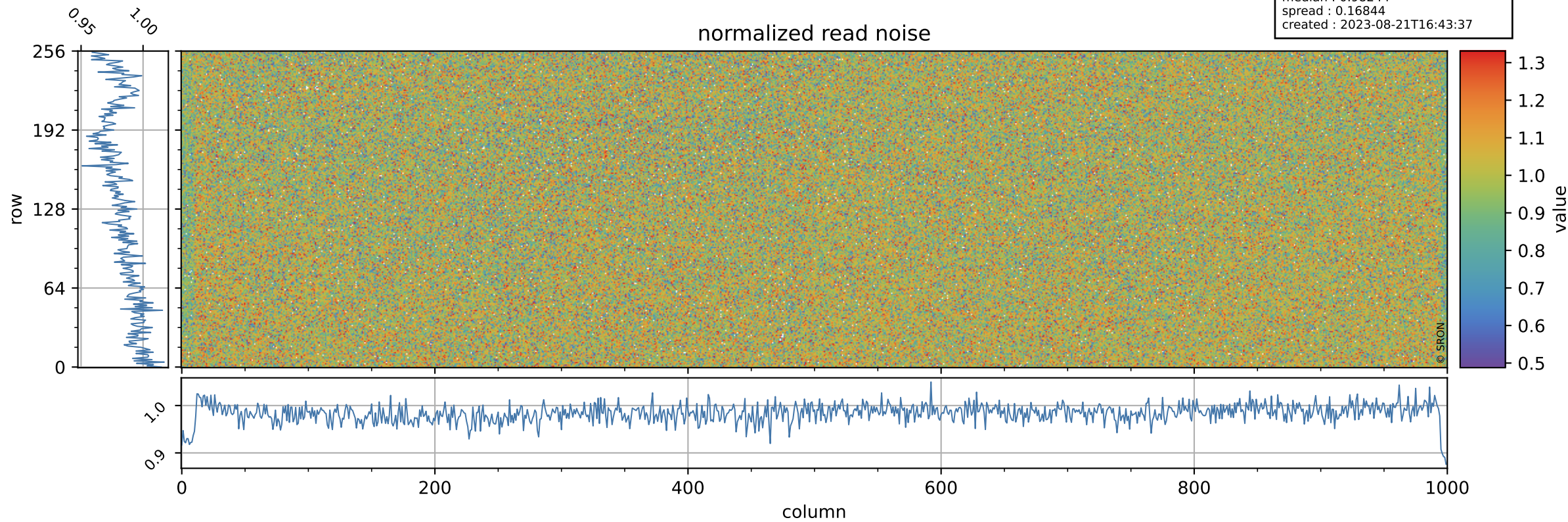
orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
median : 1.1305 e
spread : 0.065256 e
created : 2023-08-21T16:43:37



Tropomi SWIR background noise (swir)

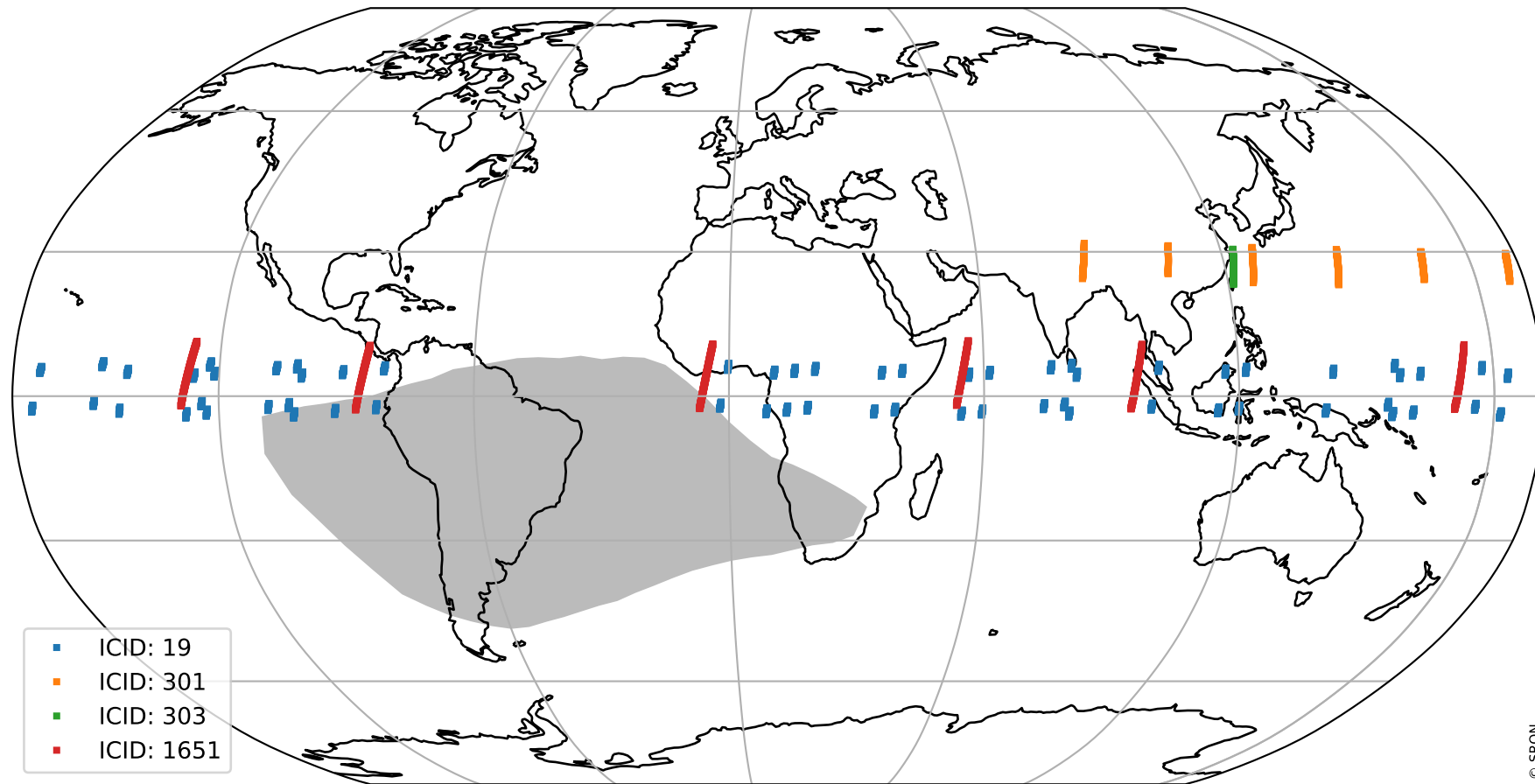
orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
median : 0.98244
spread : 0.16844
created : 2023-08-21T16:43:37

normalized read noise



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

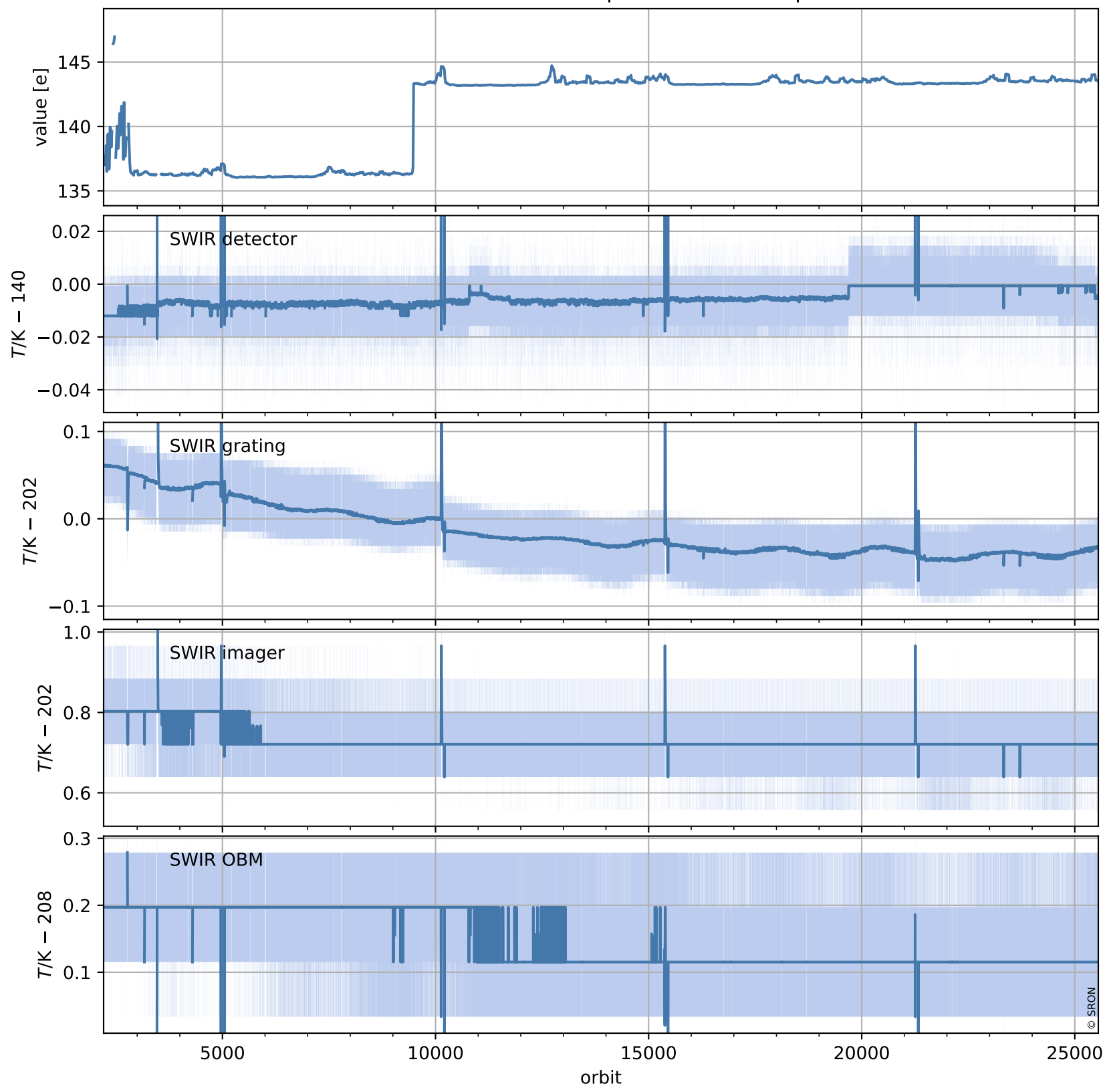
orbits : 13 in [25462, 25552]
coverage : 2022-09-12 / 2022-09-17
created : 2023-08-21T16:43:38



Tropomi SWIR background noise (swir)

orbits : [2212, 25552]
coverage : 2018-03-18 / 2022-09-17
created : 2023-08-21T16:43:38

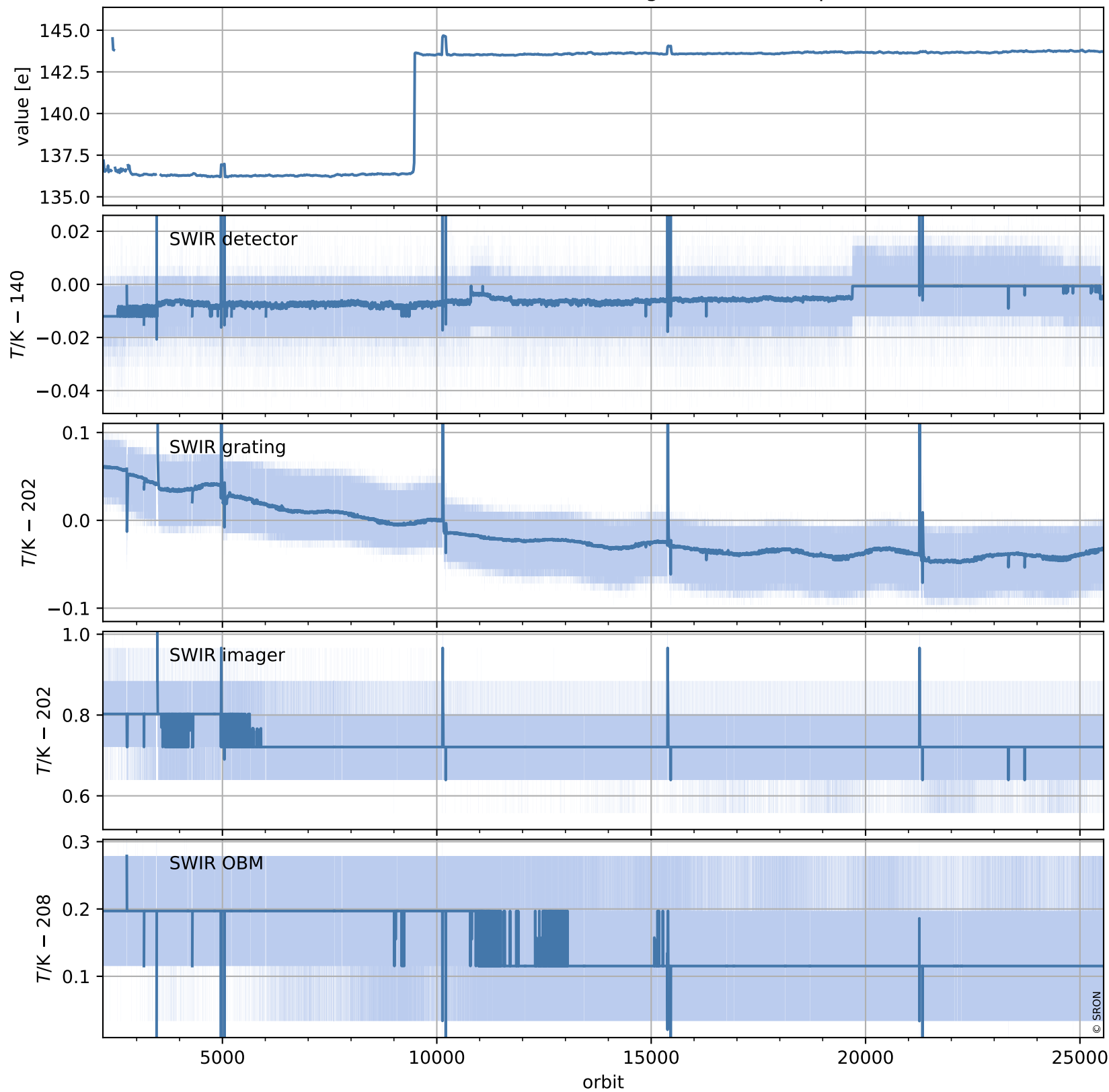
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25552]
coverage : 2018-03-18 / 2022-09-17
created : 2023-08-21T16:43:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25552]
coverage : 2018-03-18 / 2022-09-17
created : 2023-08-21T16:43:40

trend of normalized read-noise & temperatures

