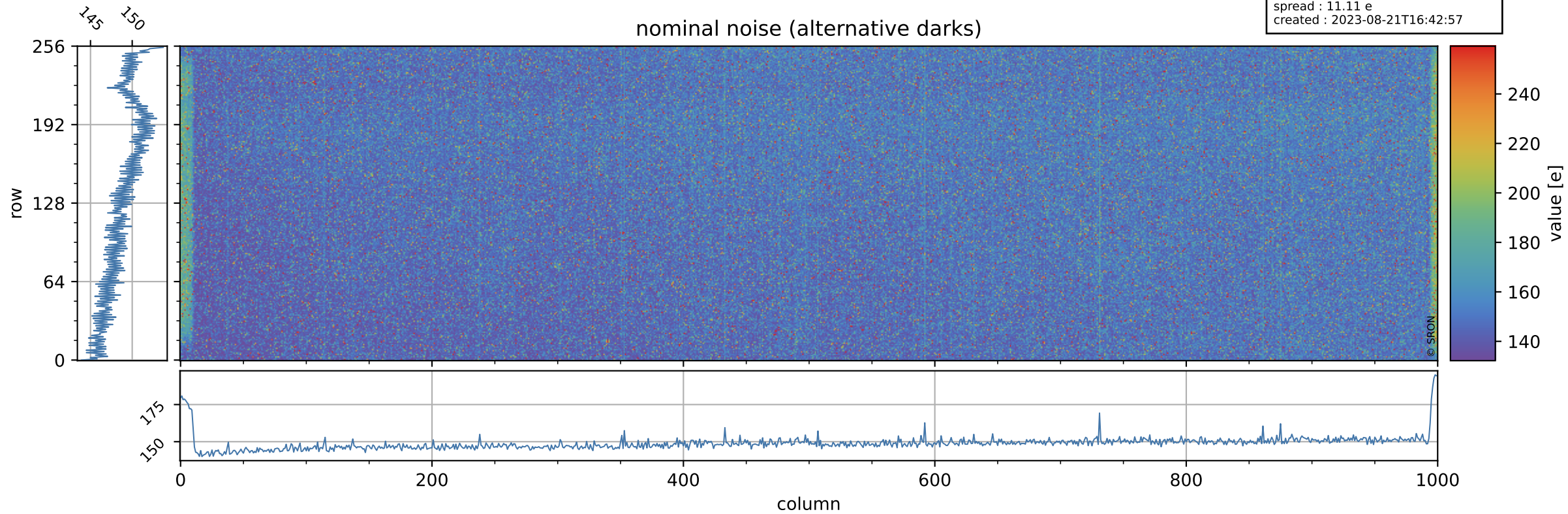


Tropomi SWIR background noise (swir)

orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
n_coad, t_exp : 1, 1.0783
median : 148.73 e
spread : 11.11 e
created : 2023-08-21T16:42:57

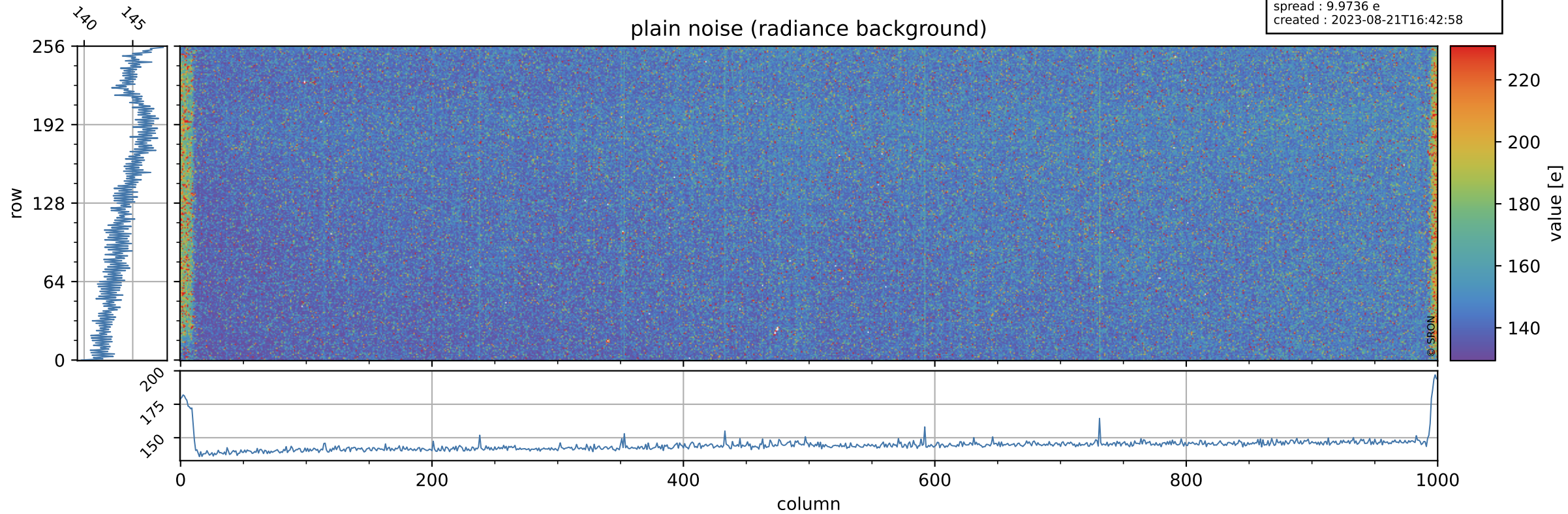
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
n_coad, t_exp : 1, 0.8383
median : 144.14 e
spread : 9.9736 e
created : 2023-08-21T16:42:58

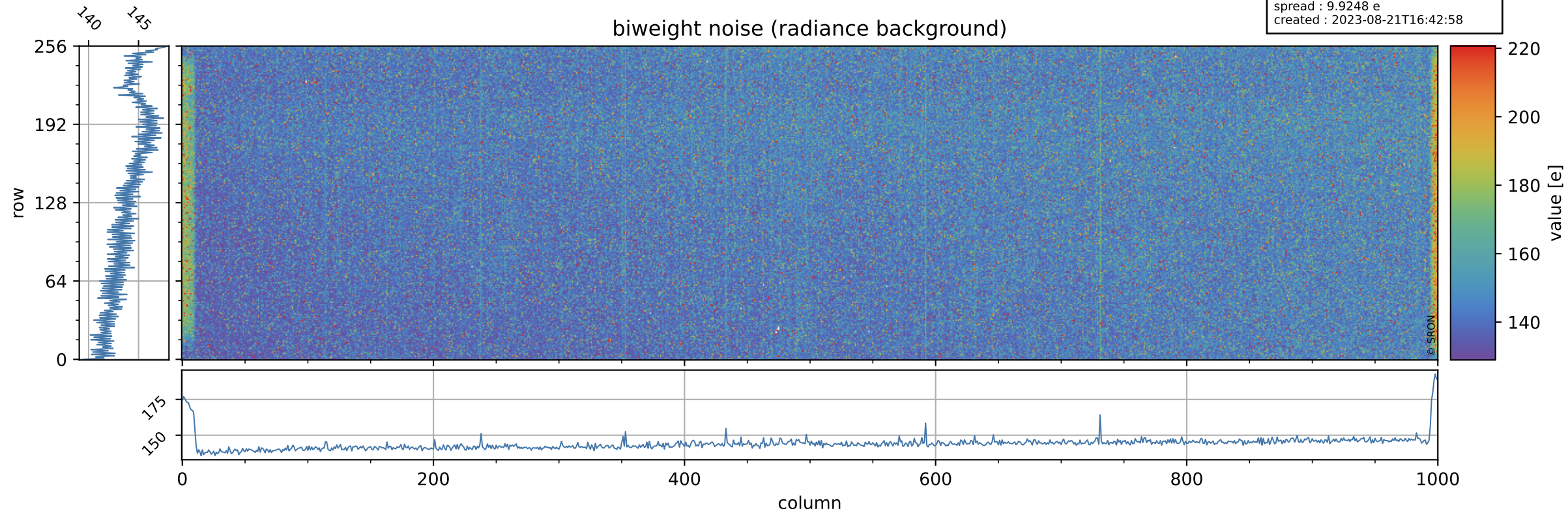
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.9248 e
created : 2023-08-21T16:42:58

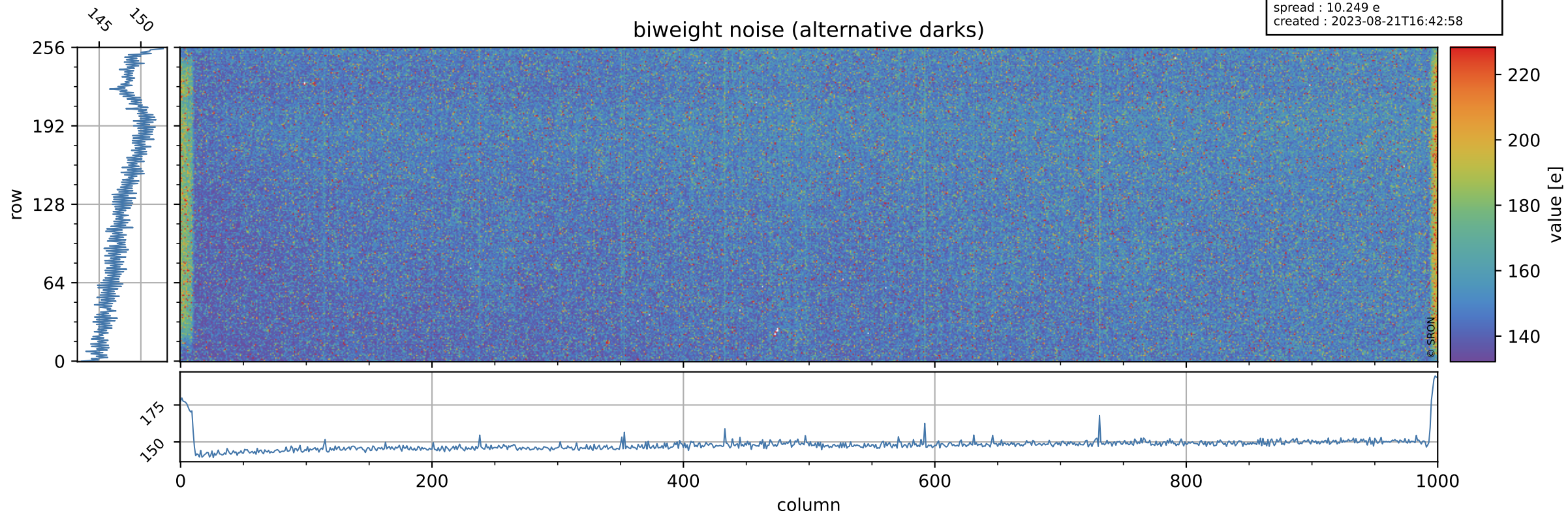
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.249 e
created : 2023-08-21T16:42:58

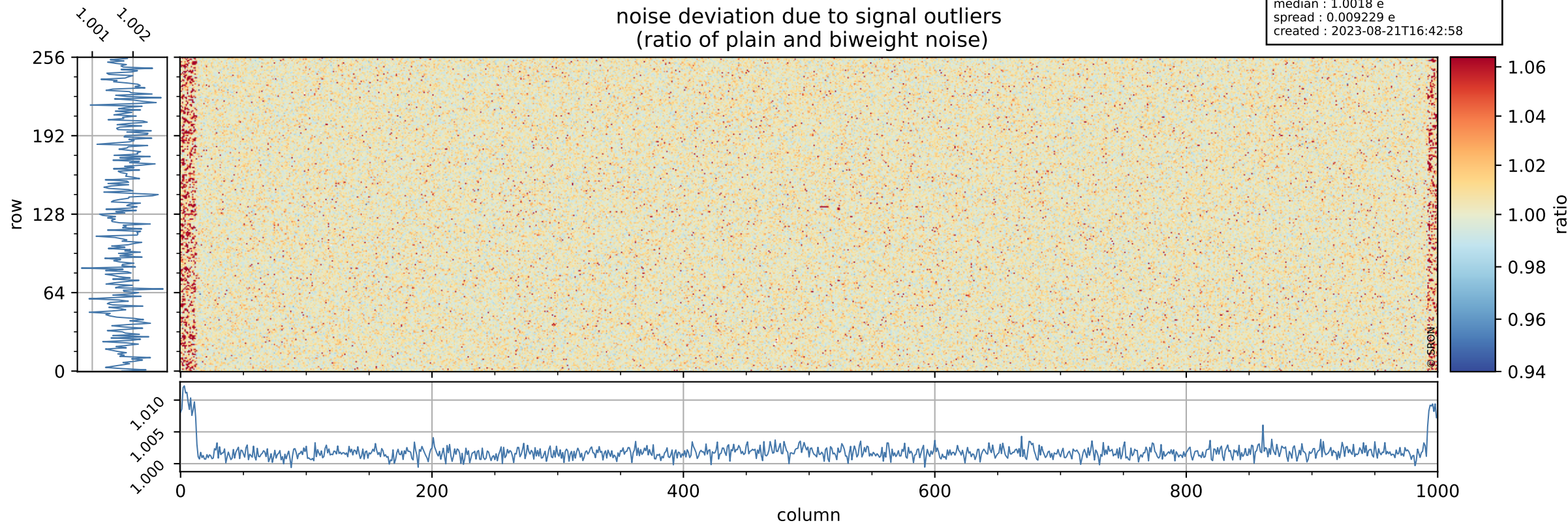
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

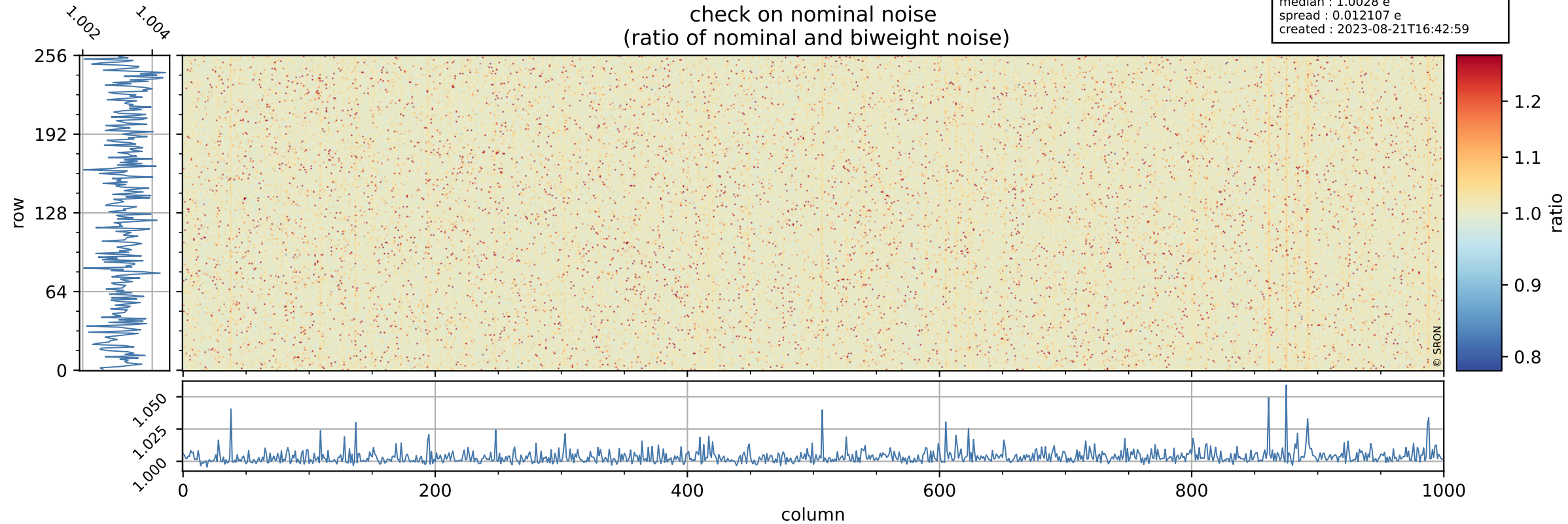
orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
median : 1.0018 e
spread : 0.009229 e
created : 2023-08-21T16:42:58



Tropomi SWIR background noise (swir)

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

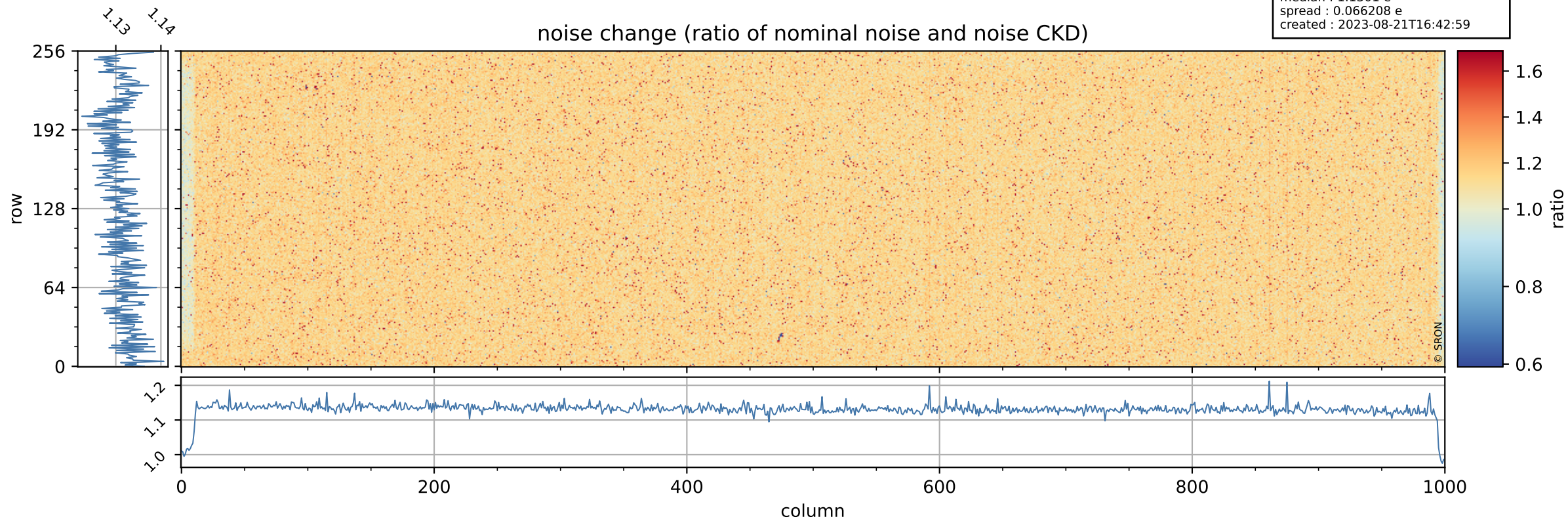
orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
median : 1.0028 e
spread : 0.012107 e
created : 2023-08-21T16:42:59



Tropomi SWIR background noise (swir)

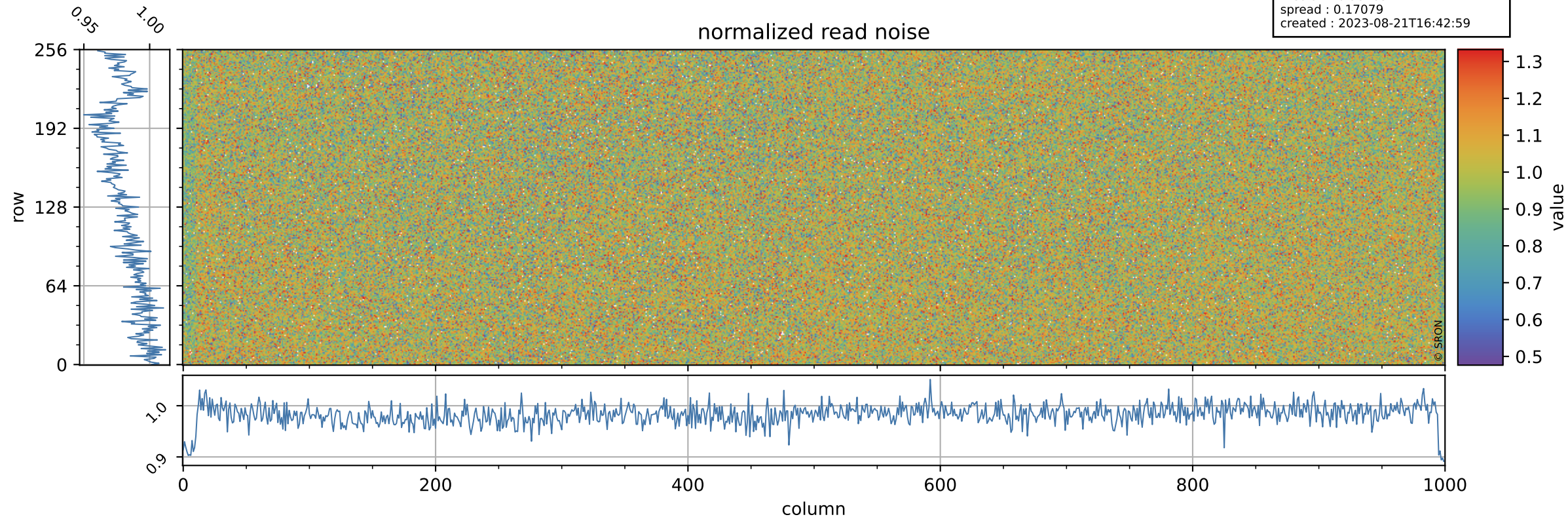
orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
median : 1.1301 e
spread : 0.066208 e
created : 2023-08-21T16:42:59

noise change (ratio of nominal noise and noise CKD)



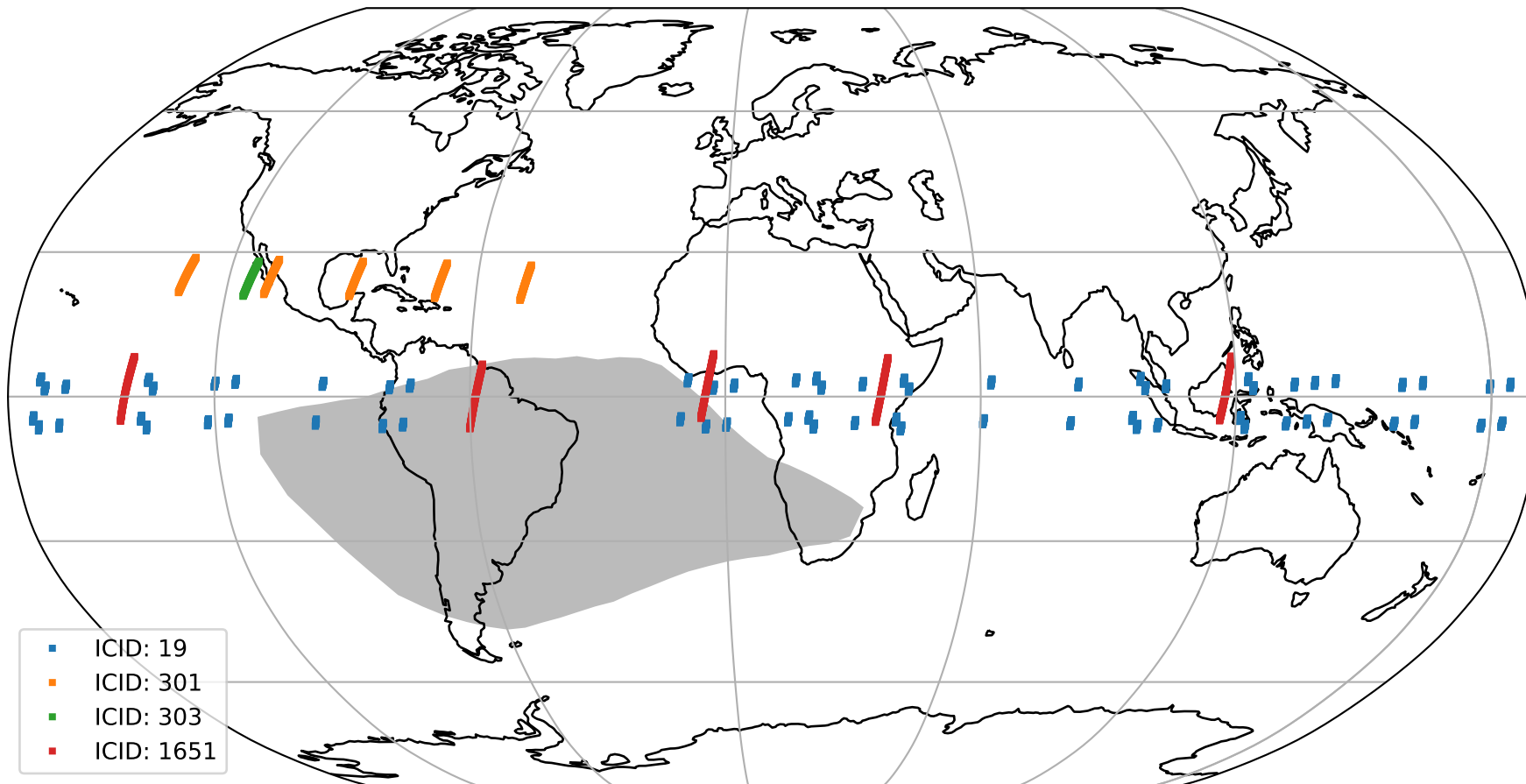
Tropomi SWIR background noise (swir)

orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
median : 0.98163
spread : 0.17079
created : 2023-08-21T16:42:59



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

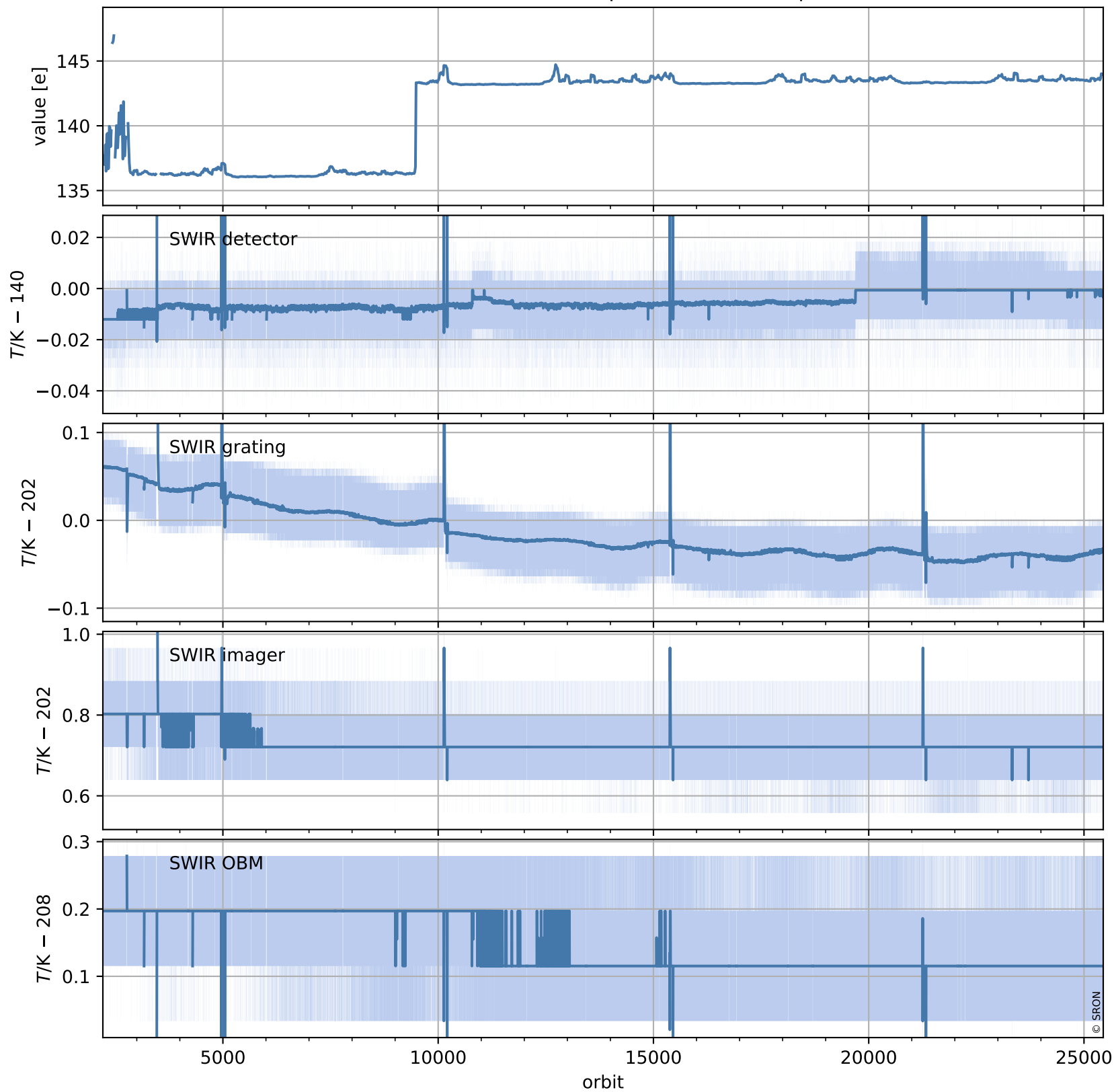
orbits : 11 in [25357, 25447]
coverage : 2022-09-05 / 2022-09-11
created : 2023-08-21T16:43:00



Tropomi SWIR background noise (swir)

orbits : [2212, 25447]
coverage : 2018-03-18 / 2022-09-11
created : 2023-08-21T16:43:00

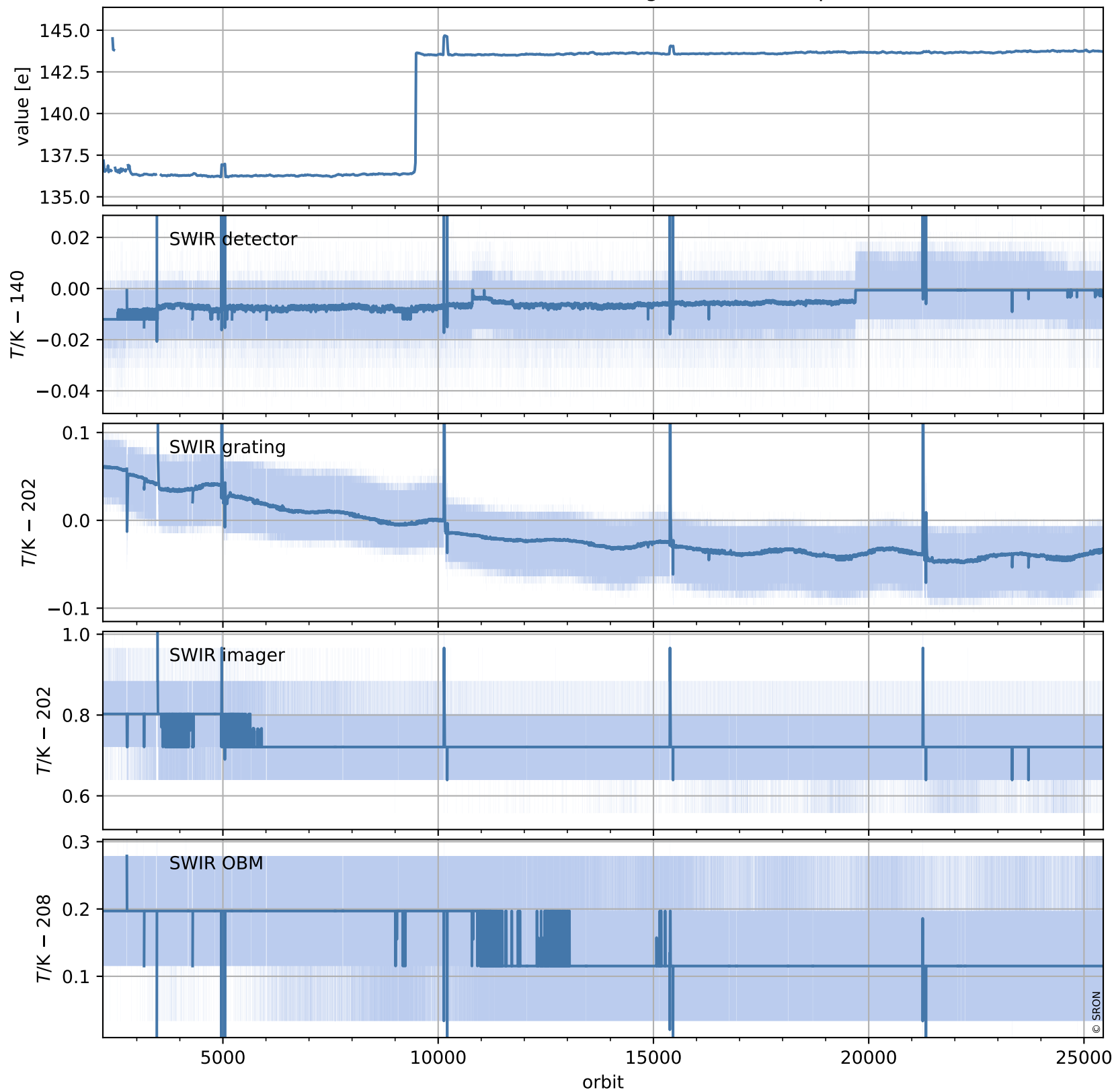
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25447]
coverage : 2018-03-18 / 2022-09-11
created : 2023-08-21T16:43:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 25447]
coverage : 2018-03-18 / 2022-09-11
created : 2023-08-21T16:43:02

trend of normalized read-noise & temperatures

