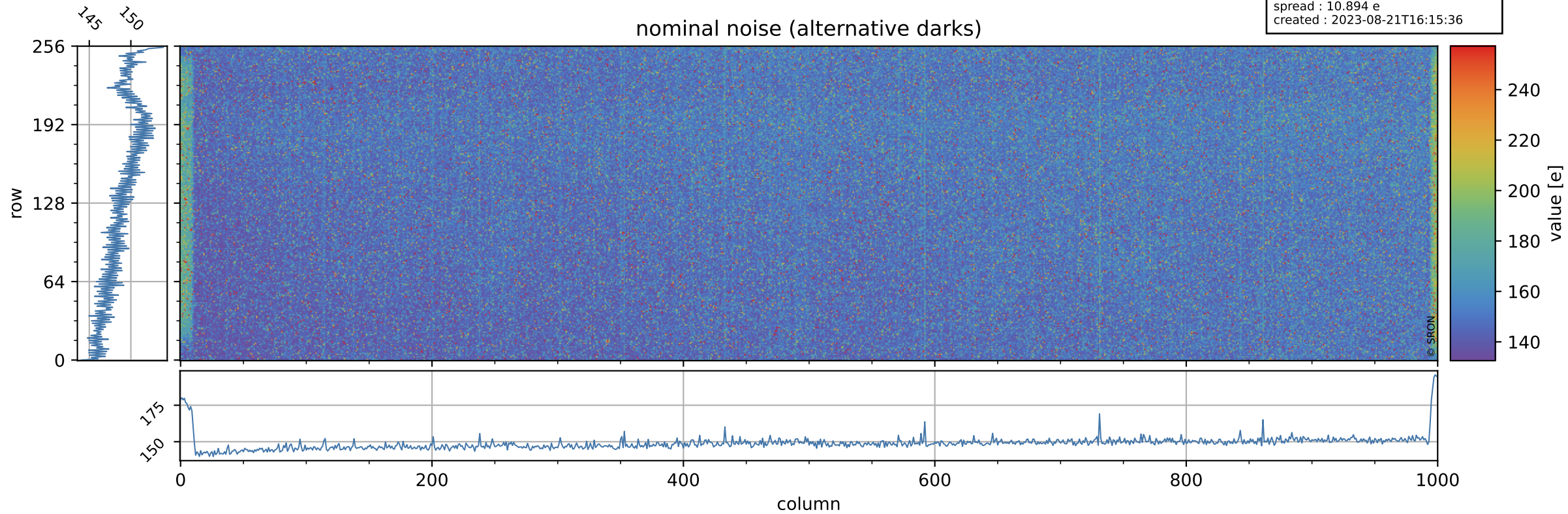


Tropomi SWIR background noise (swir)

orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
n_coad, t_exp : 1, 1.0783
median : 148.79 e
spread : 10.894 e
created : 2023-08-21T16:15:36

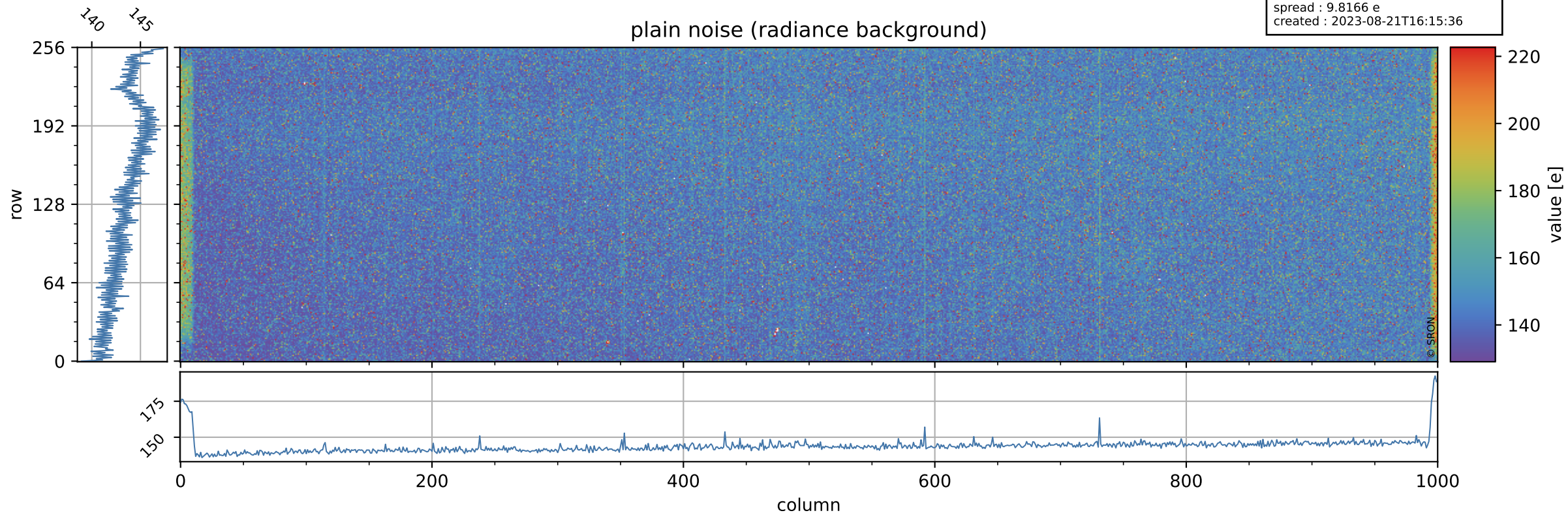
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.8166 e
created : 2023-08-21T16:15:36

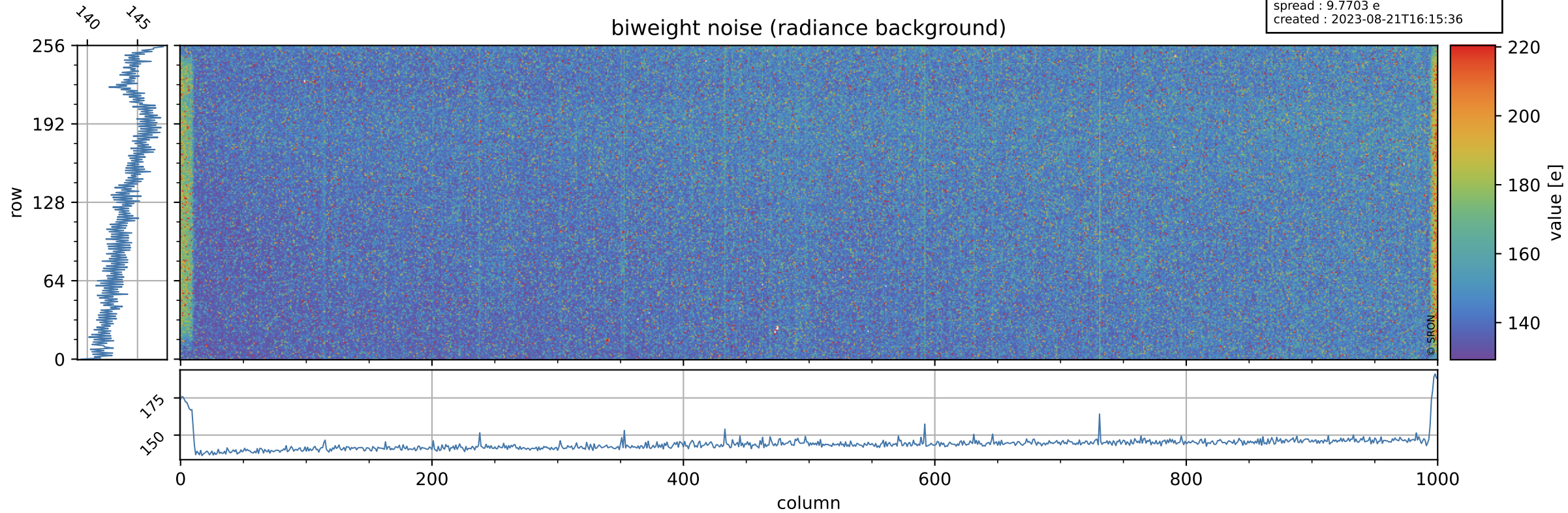
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7703 e
created : 2023-08-21T16:15:36

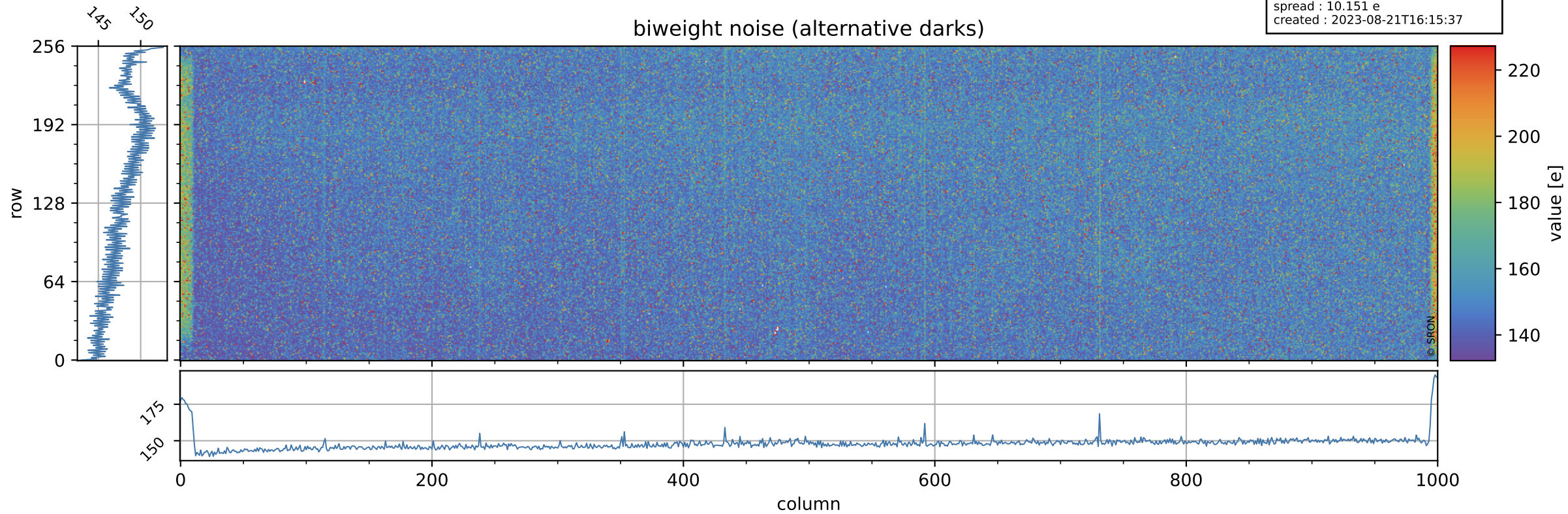
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.151 e
created : 2023-08-21T16:15:37

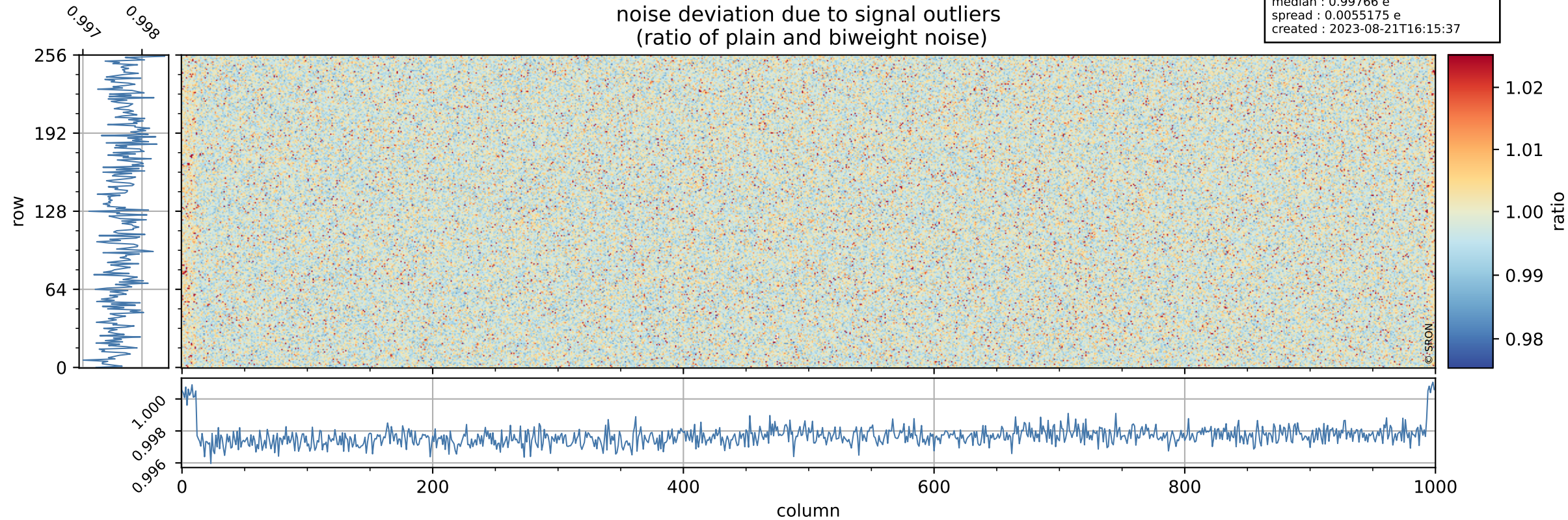
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

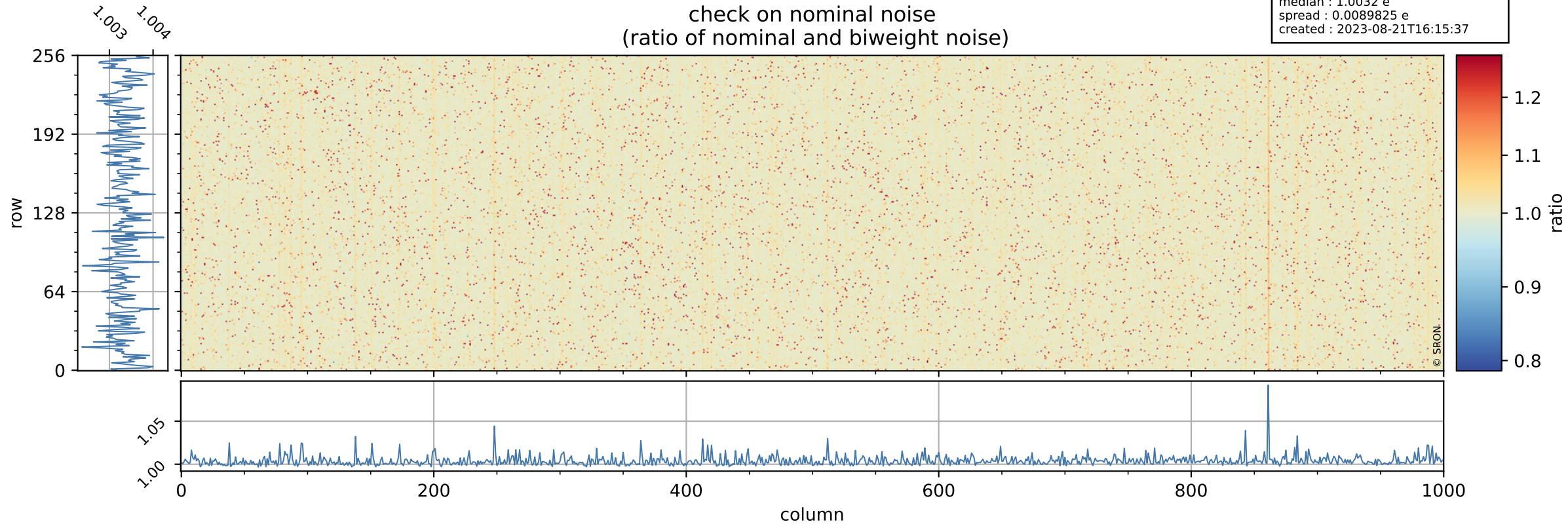
orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
median : 0.99766 e
spread : 0.0055175 e
created : 2023-08-21T16:15:37



Tropomi SWIR background noise (swir)

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

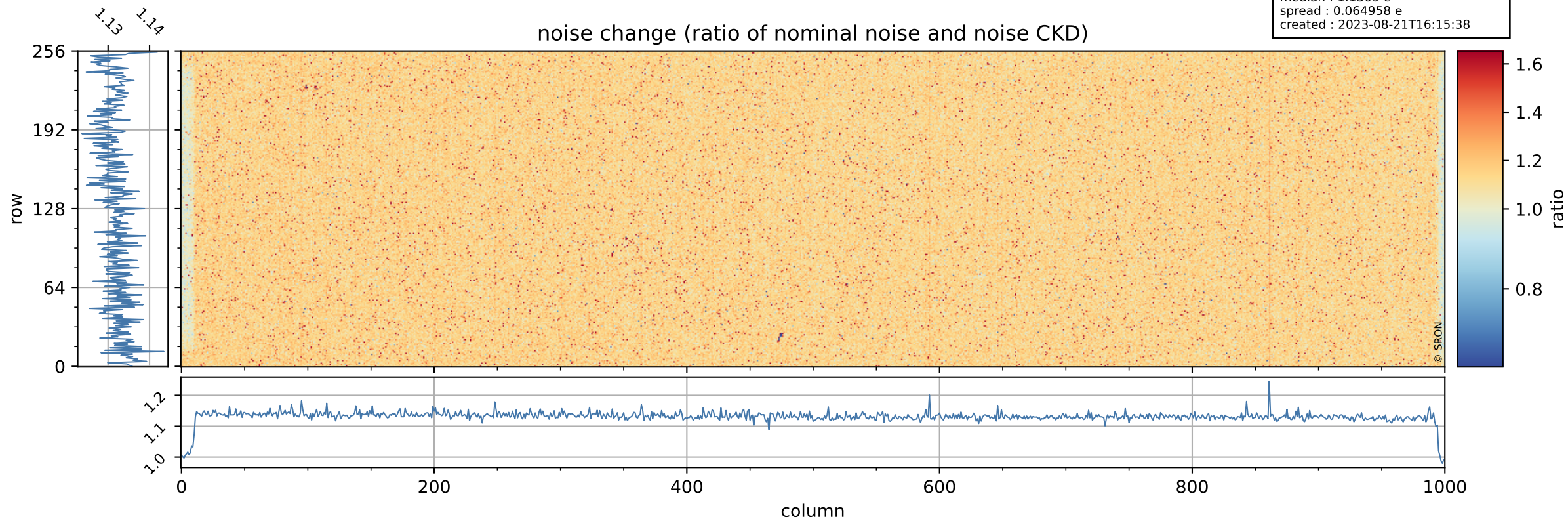
orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
median : 1.0032 e
spread : 0.0089825 e
created : 2023-08-21T16:15:37



Tropomi SWIR background noise (swir)

orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
median : 1.1309 e
spread : 0.064958 e
created : 2023-08-21T16:15:38

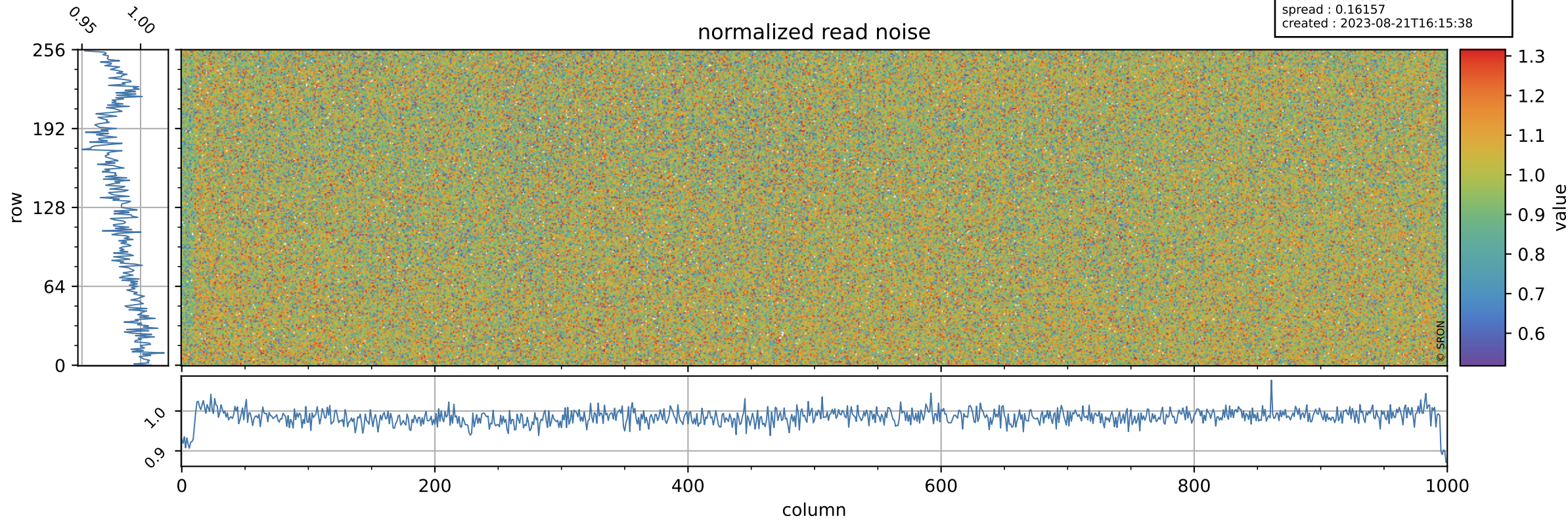
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

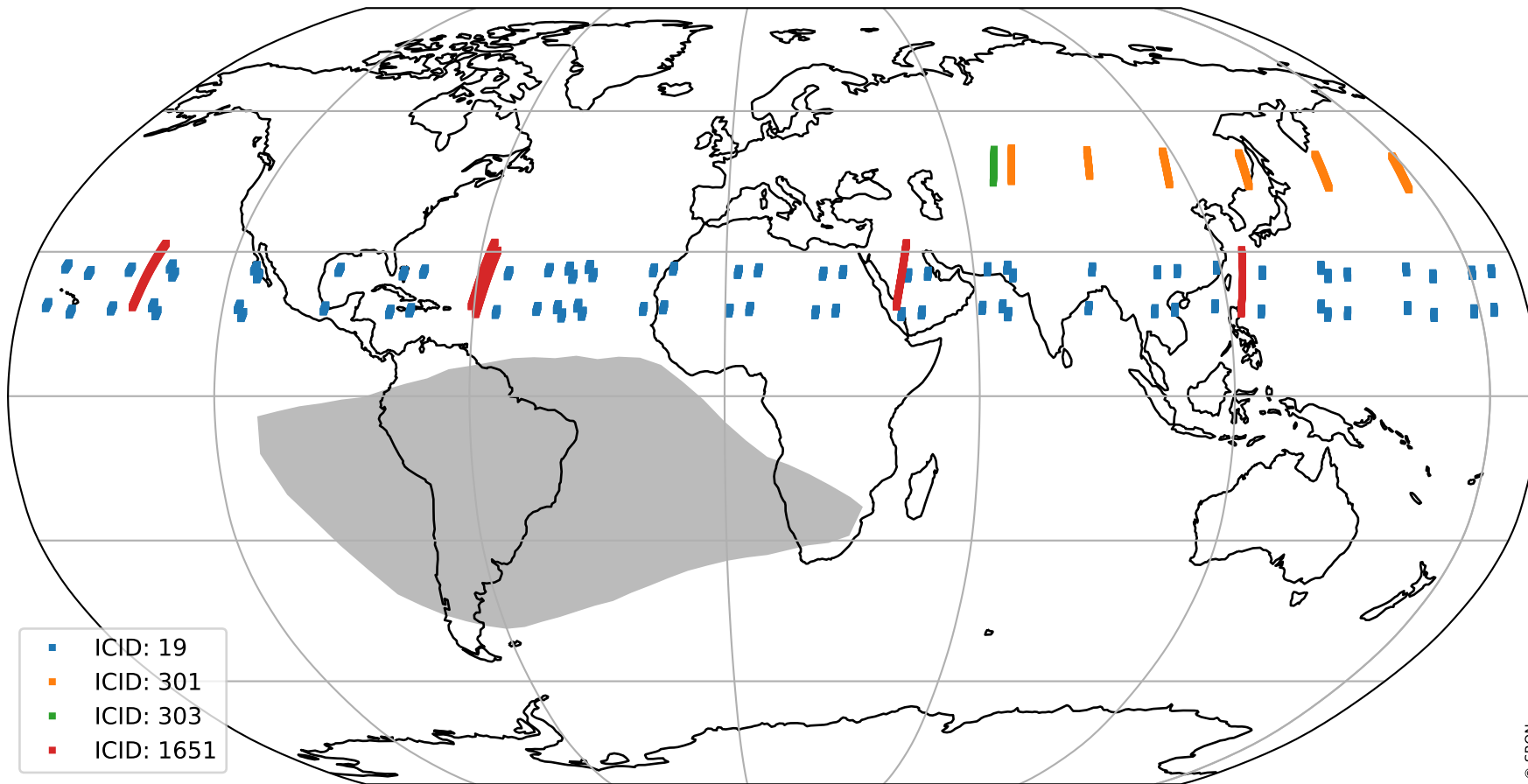
orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
median : 0.98338
spread : 0.16157
created : 2023-08-21T16:15:38

normalized read noise



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

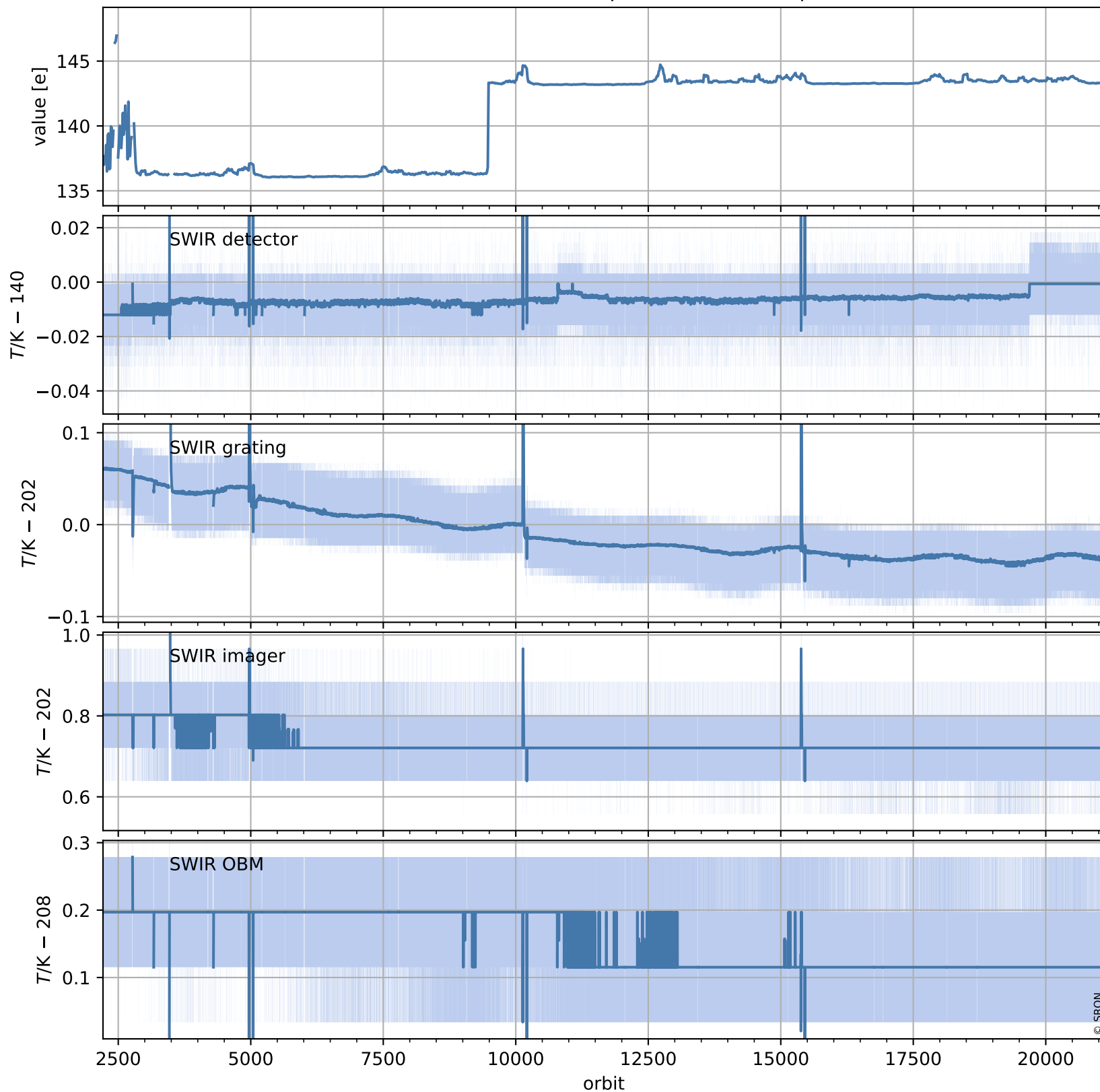
orbits : 12 in [21022, 21112]
coverage : 2021-11-03 / 2021-11-09
created : 2023-08-21T16:15:38



Tropomi SWIR background noise (swir)

orbits : [2212, 21112]
coverage : 2018-03-18 / 2021-11-09
created : 2023-08-21T16:15:39

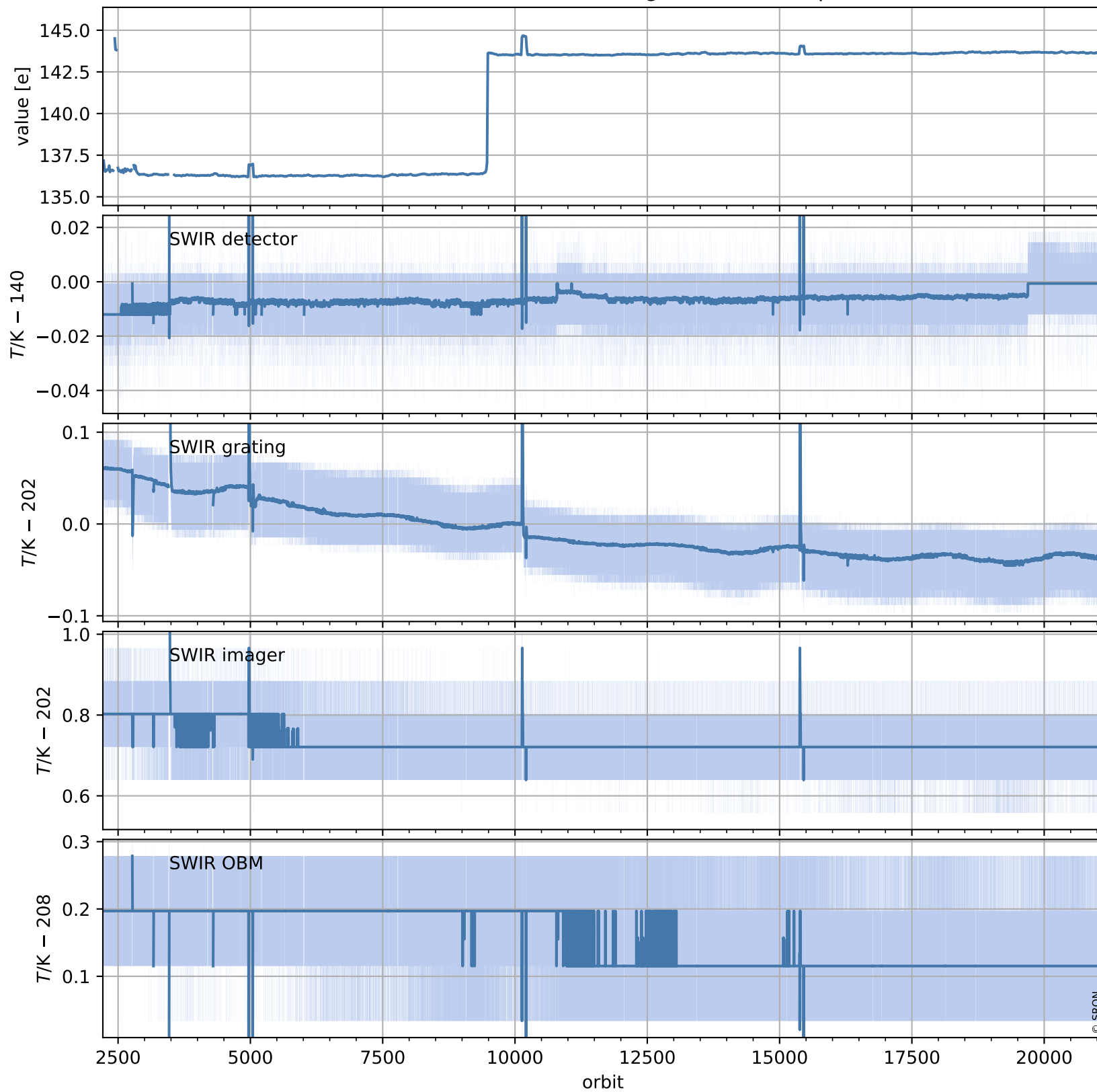
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21112]
coverage : 2018-03-18 / 2021-11-09
created : 2023-08-21T16:15:39

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21112]
coverage : 2018-03-18 / 2021-11-09
created : 2023-08-21T16:15:40

trend of normalized read-noise & temperatures

