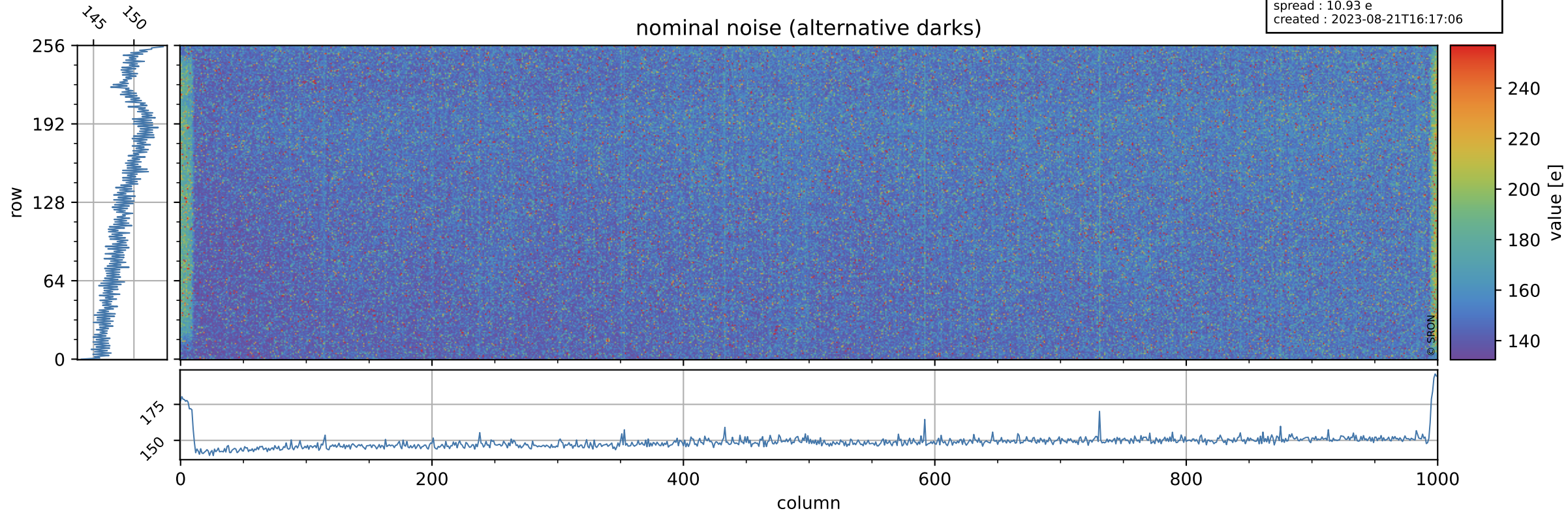


Tropomi SWIR background noise (swir)

orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.93 e
created : 2023-08-21T16:17:06

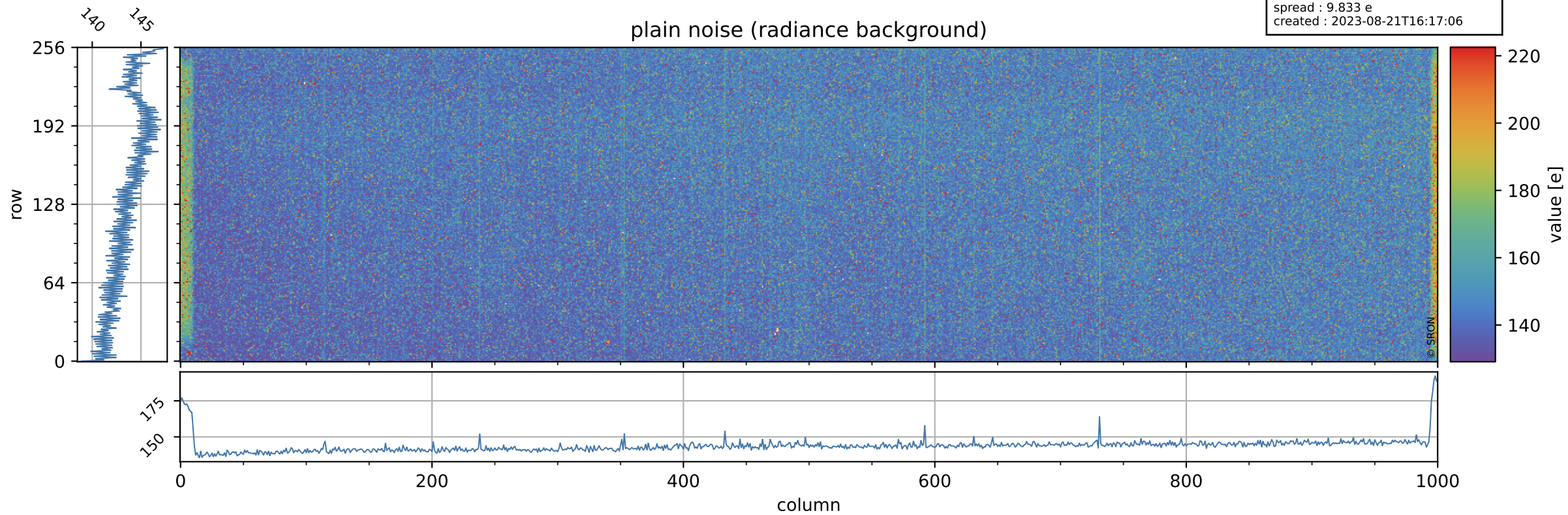
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.833 e
created : 2023-08-21T16:17:06

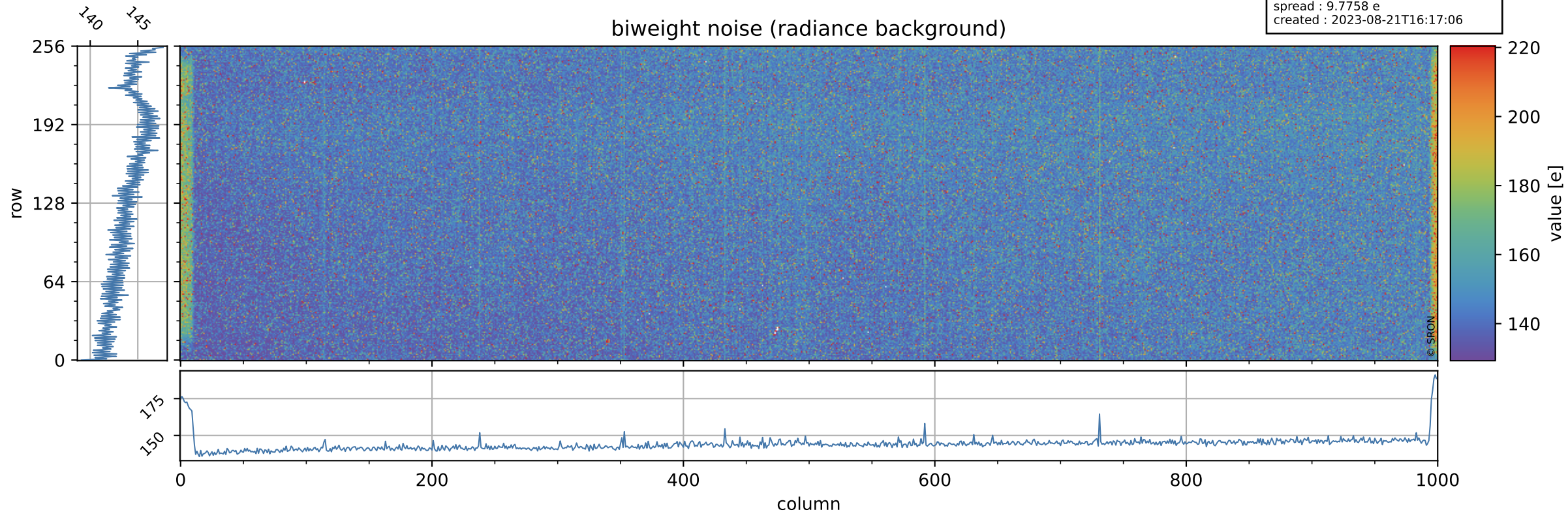
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
n_coad, t_exp : 1, 0.8383
median : 143.85 e
spread : 9.7758 e
created : 2023-08-21T16:17:06

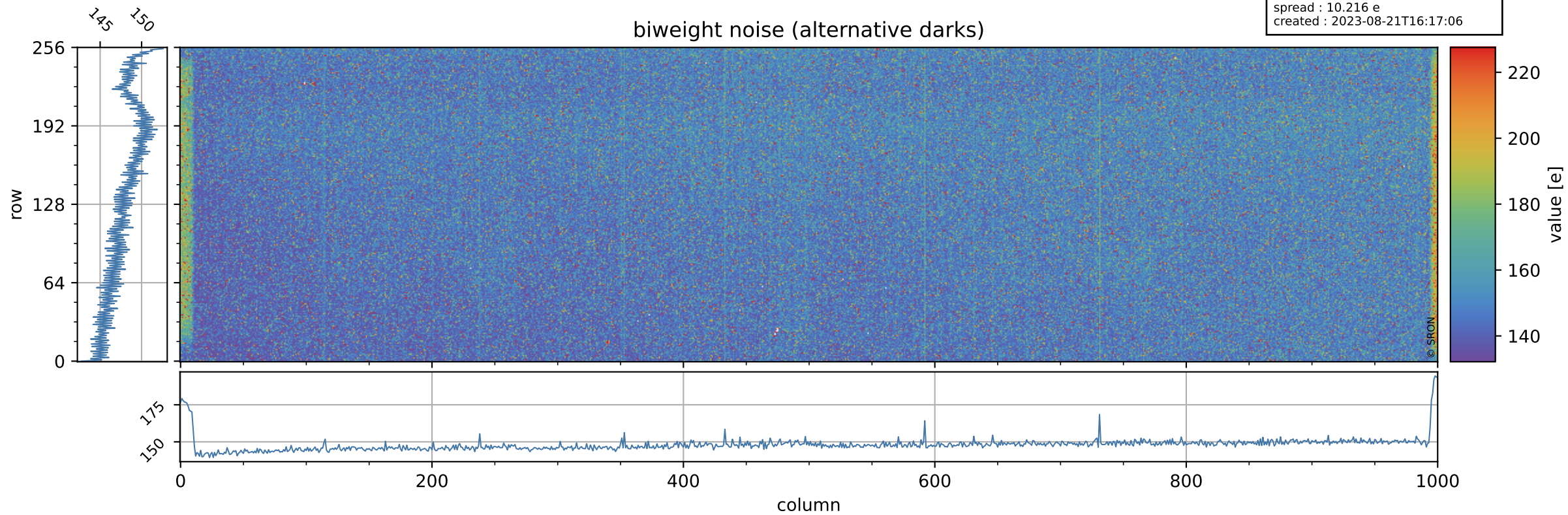
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
n_coad, t_exp : 1, 1.0783
median : 147.81 e
spread : 10.216 e
created : 2023-08-21T16:17:06

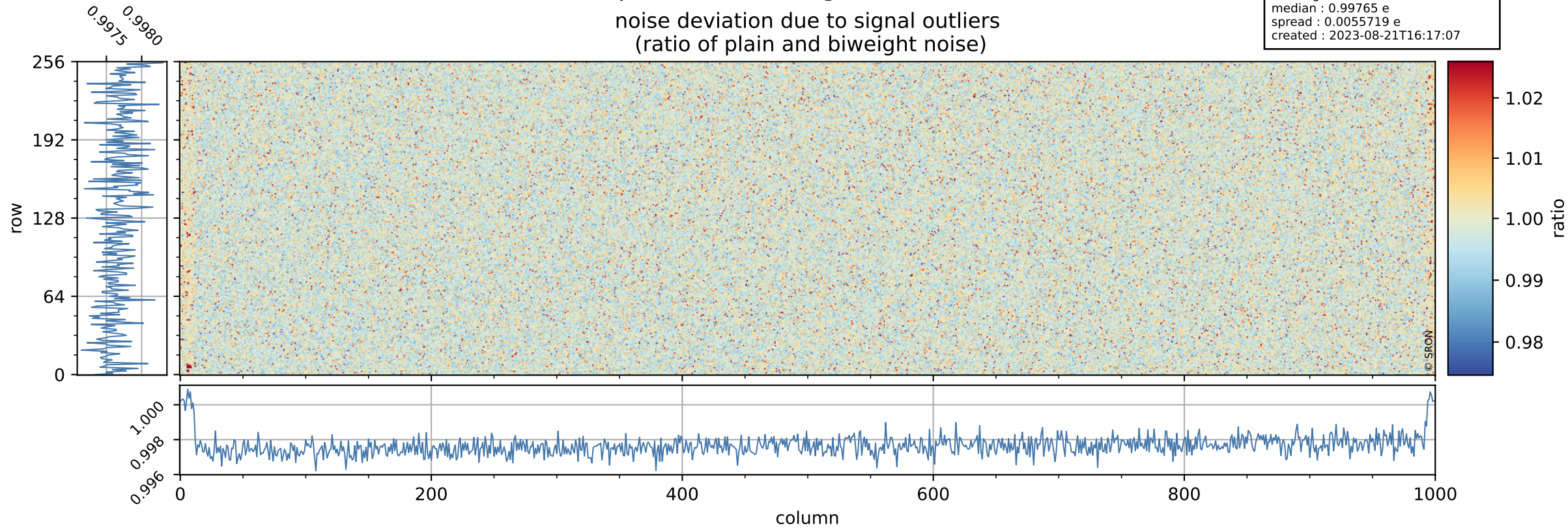
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

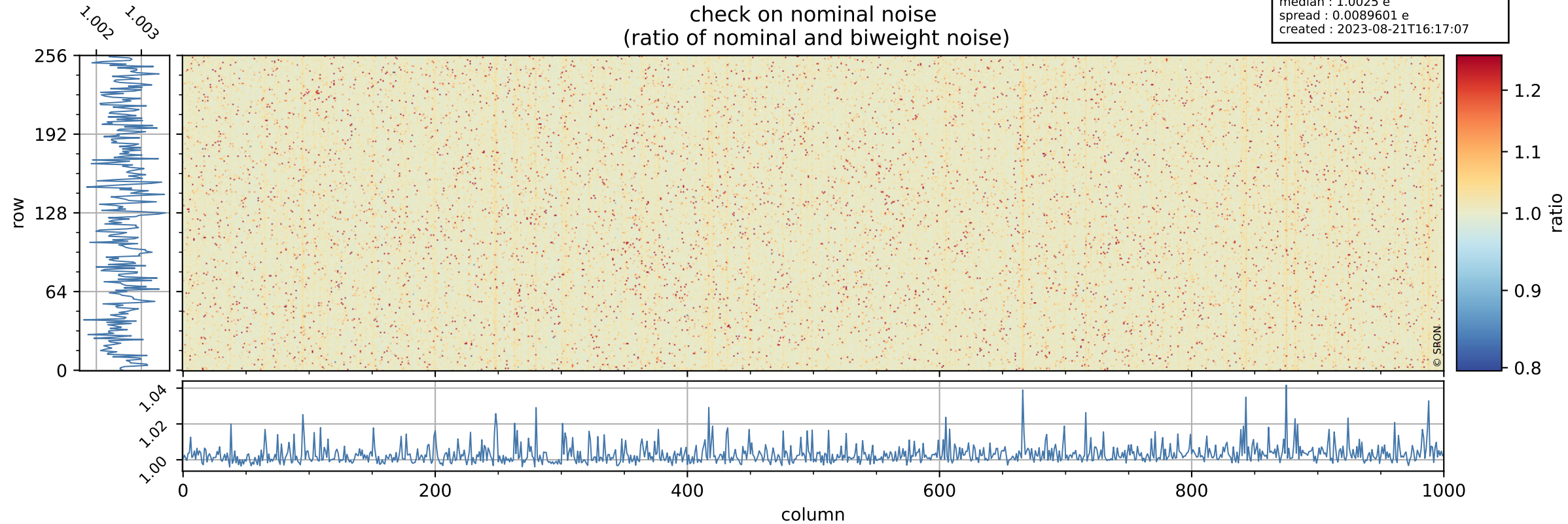
orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
median : 0.99765 e
spread : 0.0055719 e
created : 2023-08-21T16:17:07



Tropomi SWIR background noise (swir)

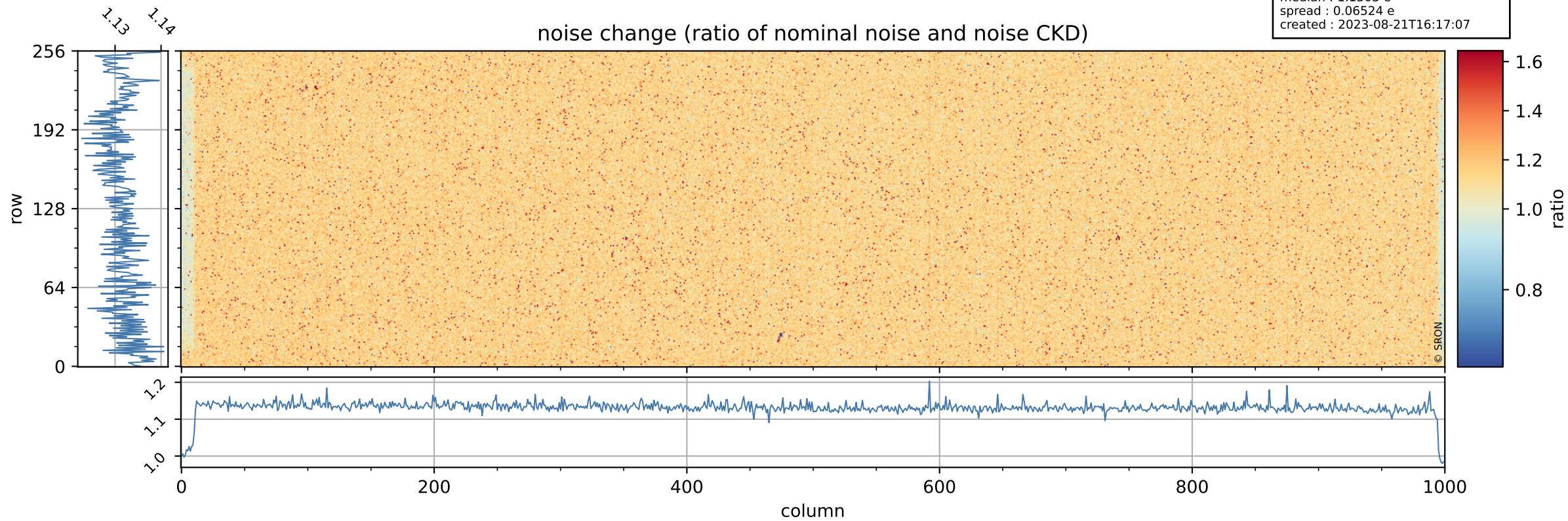
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
median : 1.0025 e
spread : 0.0089601 e
created : 2023-08-21T16:17:07



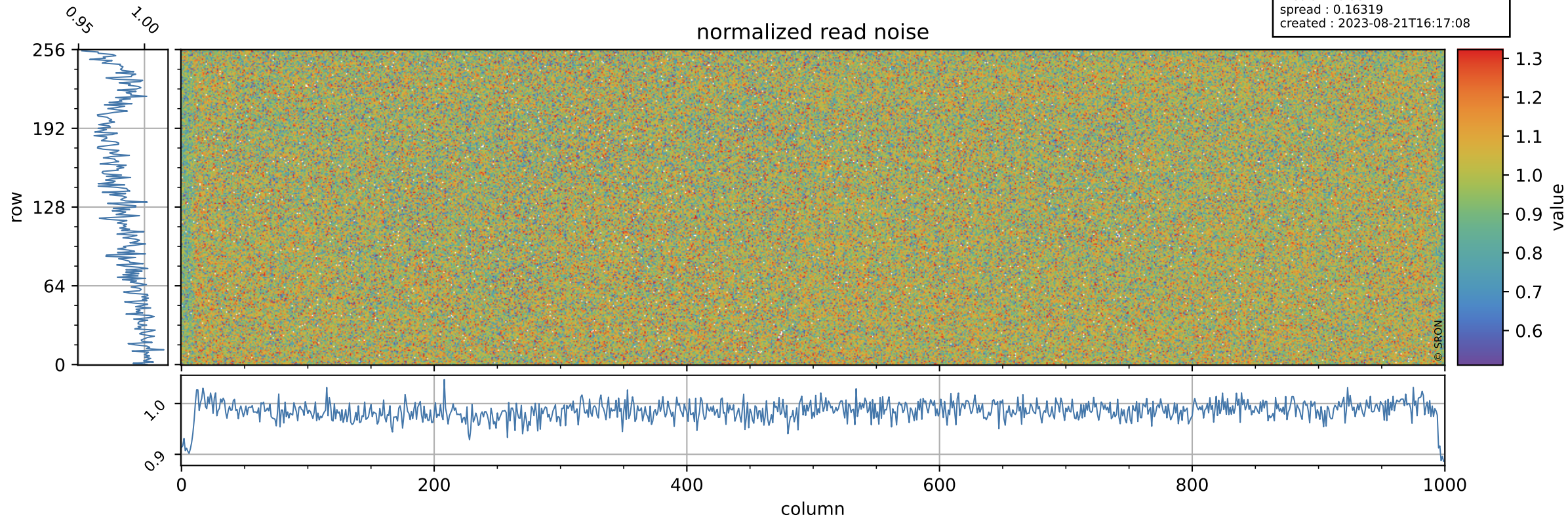
Tropomi SWIR background noise (swir)

orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
median : 1.1303 e
spread : 0.06524 e
created : 2023-08-21T16:17:07



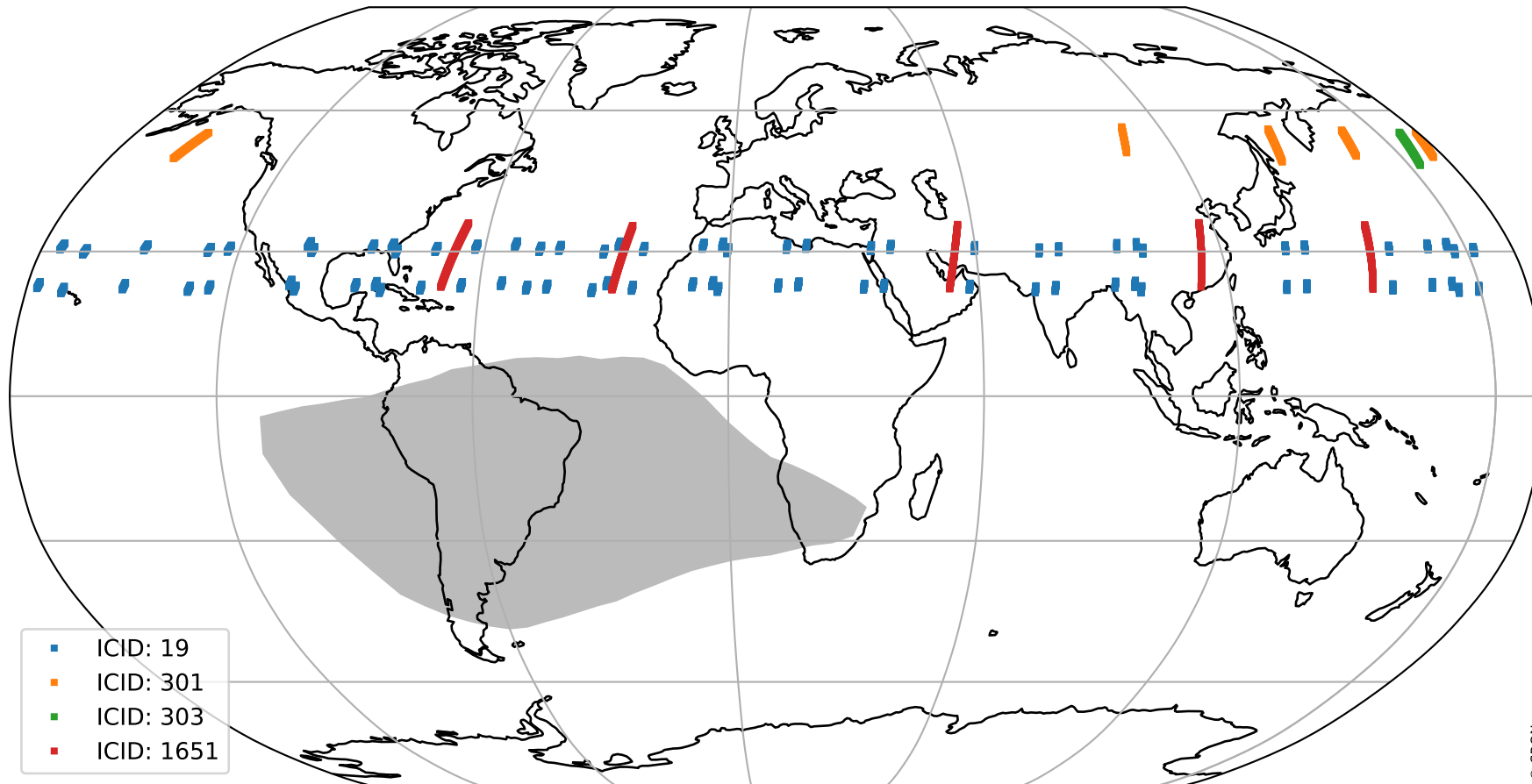
Tropomi SWIR background noise (swir)

orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
median : 0.98411
spread : 0.16319
created : 2023-08-21T16:17:08



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

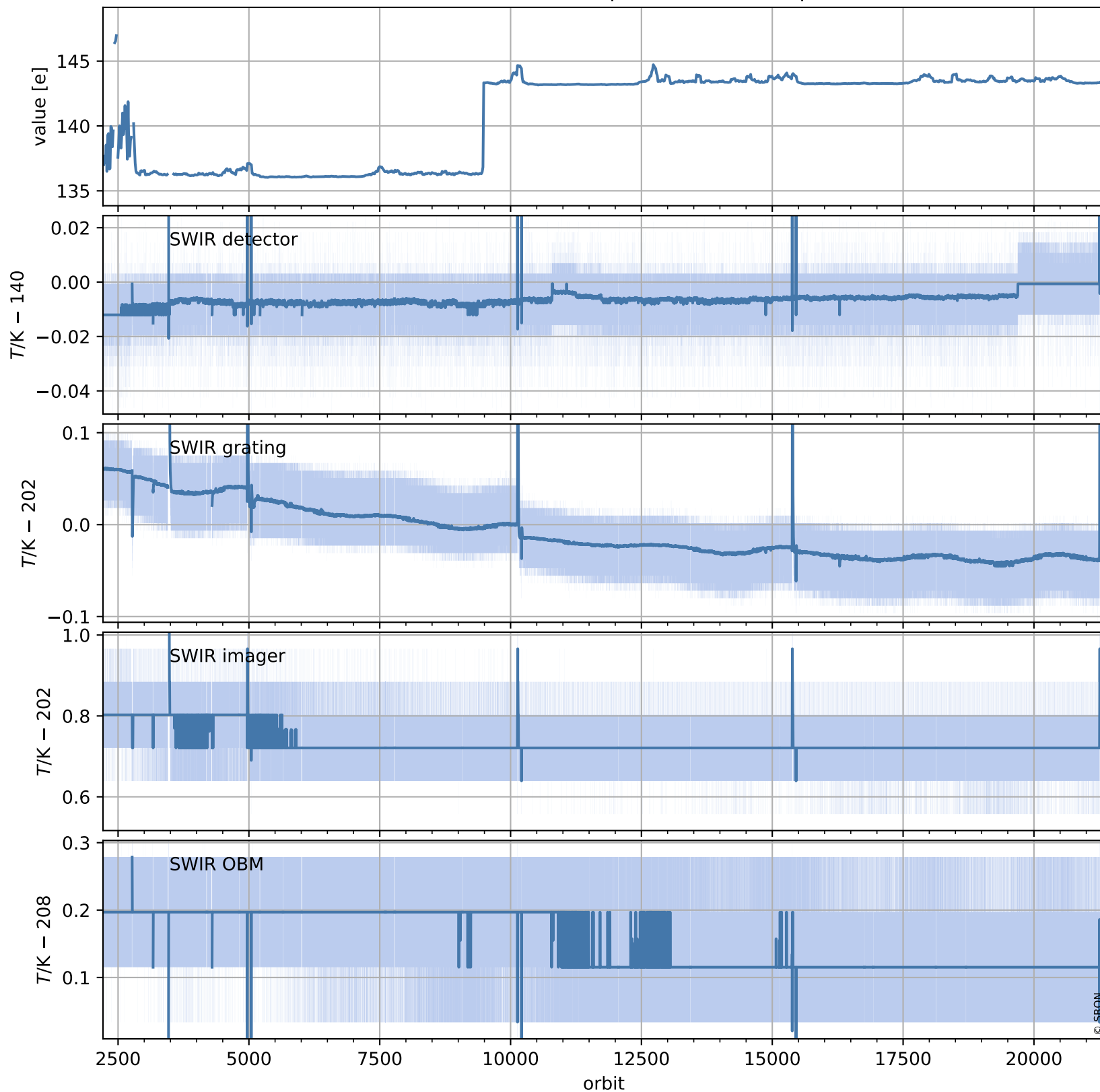
orbits : 11 in [21277, 21352]
coverage : 2021-11-20 / 2021-11-25
created : 2023-08-21T16:17:08



Tropomi SWIR background noise (swir)

orbits : [2212, 21352]
coverage : 2018-03-18 / 2021-11-25
created : 2023-08-21T16:17:08

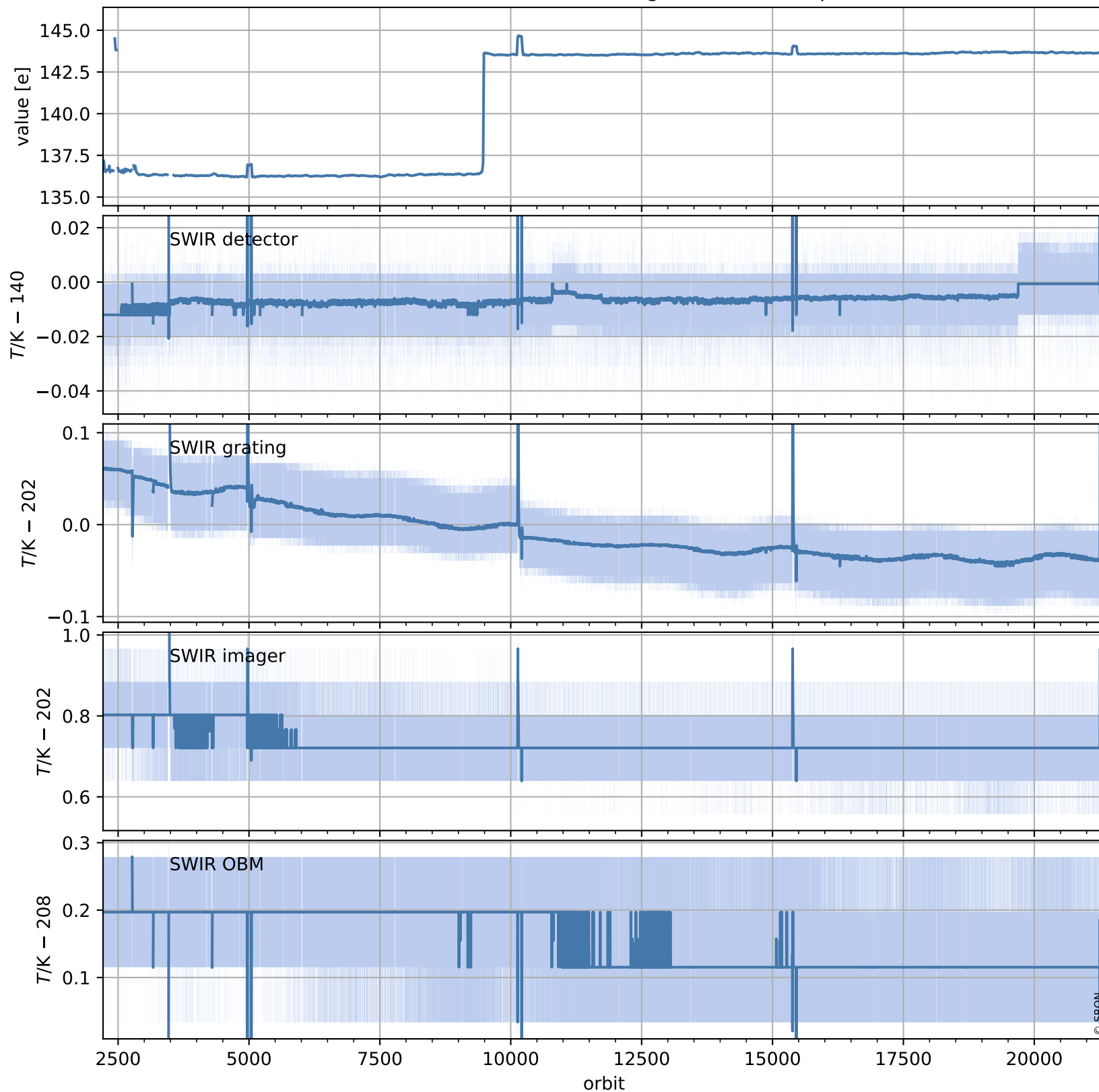
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21352]
coverage : 2018-03-18 / 2021-11-25
created : 2023-08-21T16:17:09

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21352]
coverage : 2018-03-18 / 2021-11-25
created : 2023-08-21T16:17:10

trend of normalized read-noise & temperatures

