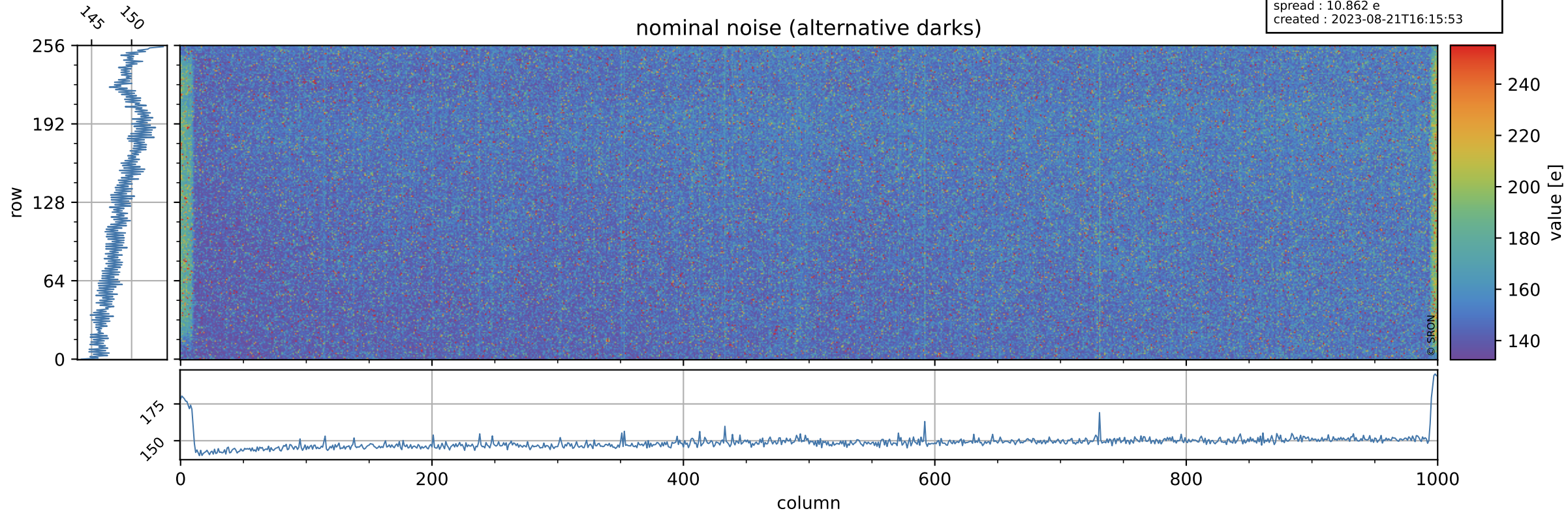


Tropomi SWIR background noise (swir)

orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
n_coad, t_exp : 1, 1.0783
median : 148.68 e
spread : 10.862 e
created : 2023-08-21T16:15:53

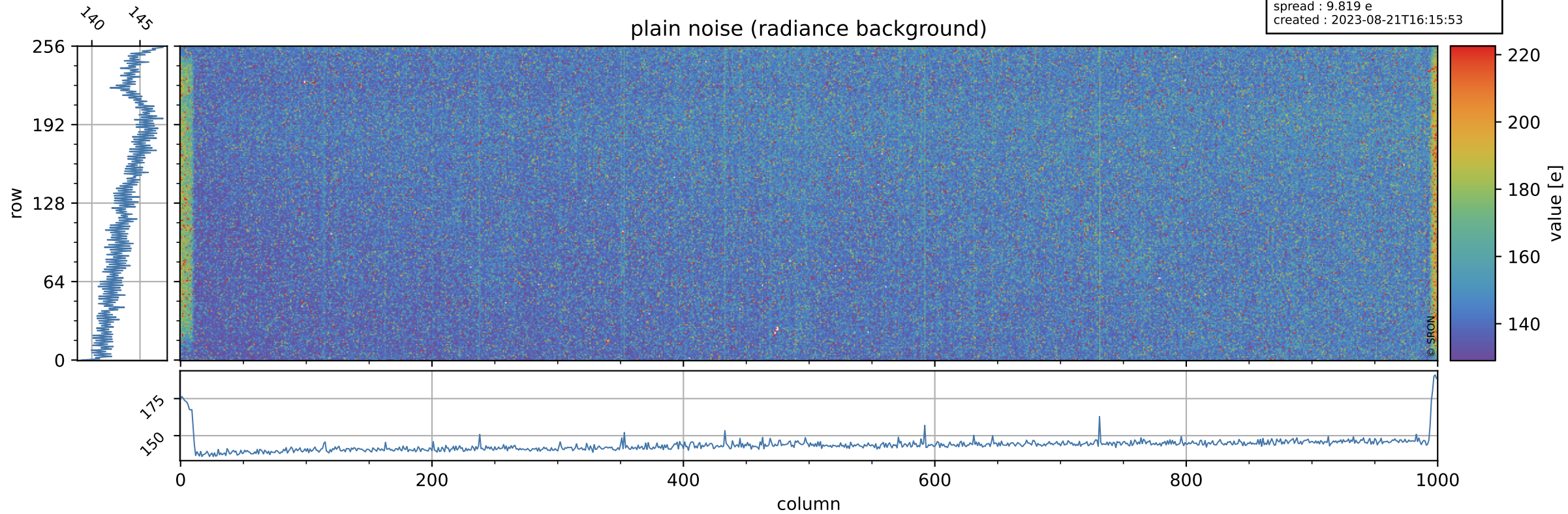
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.819 e
created : 2023-08-21T16:15:53

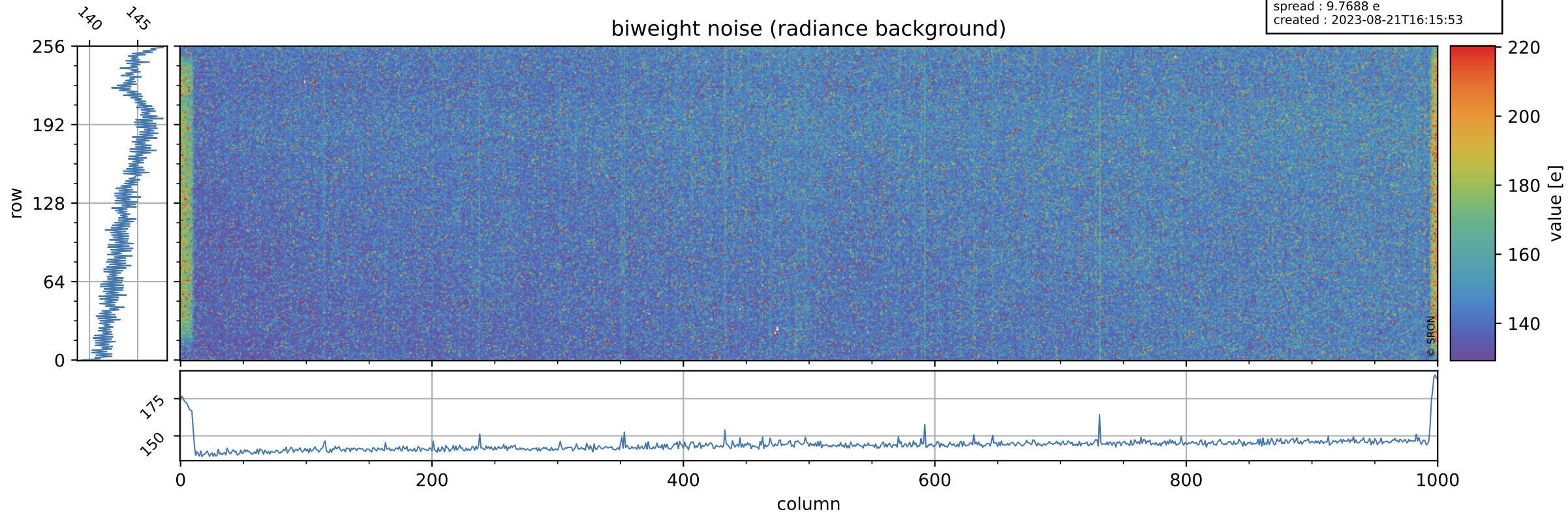
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
n_coad, t_exp : 1, 0.8383
median : 143.77 e
spread : 9.7688 e
created : 2023-08-21T16:15:53

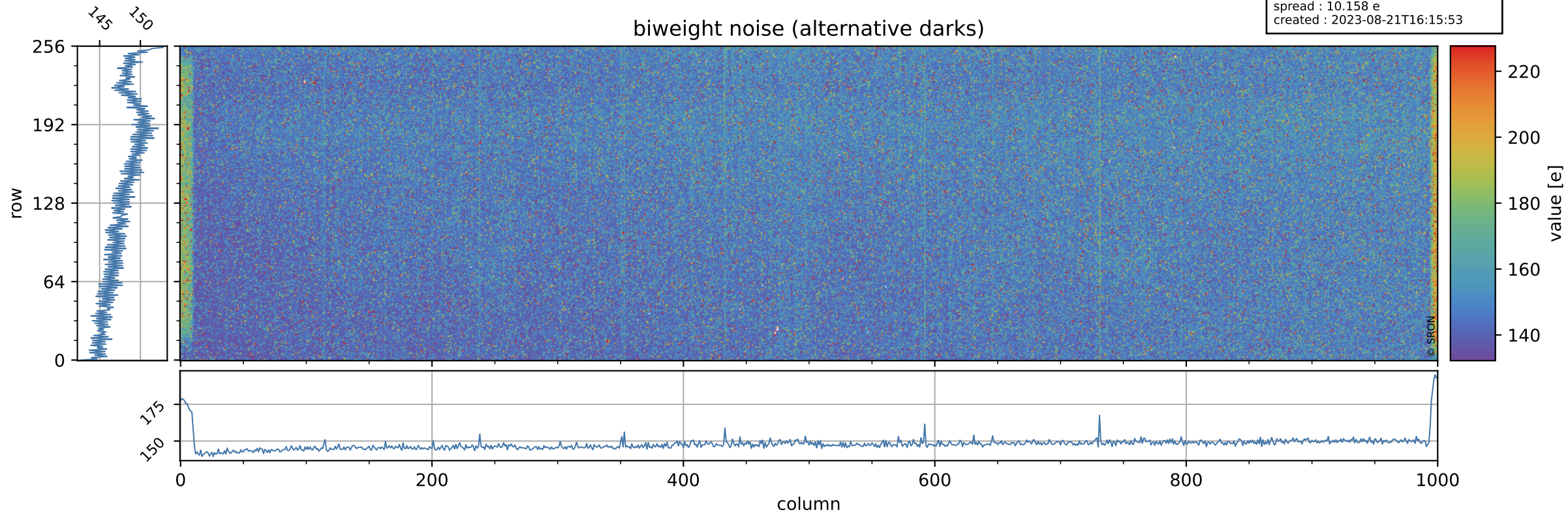
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.158 e
created : 2023-08-21T16:15:53

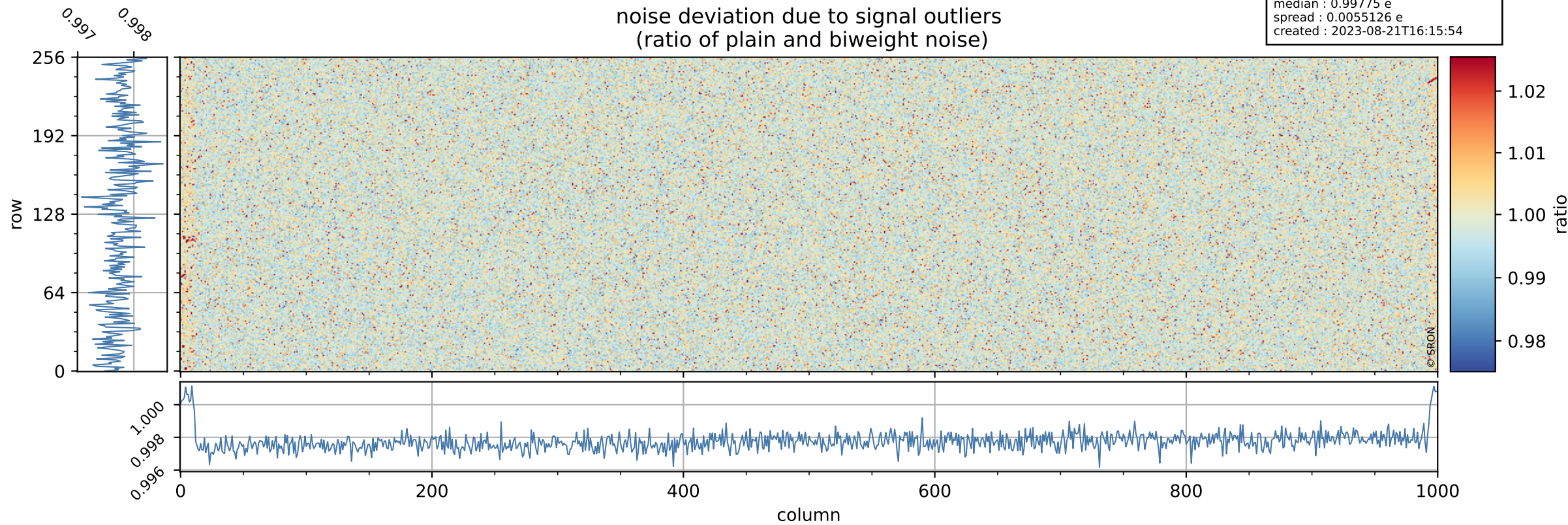
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

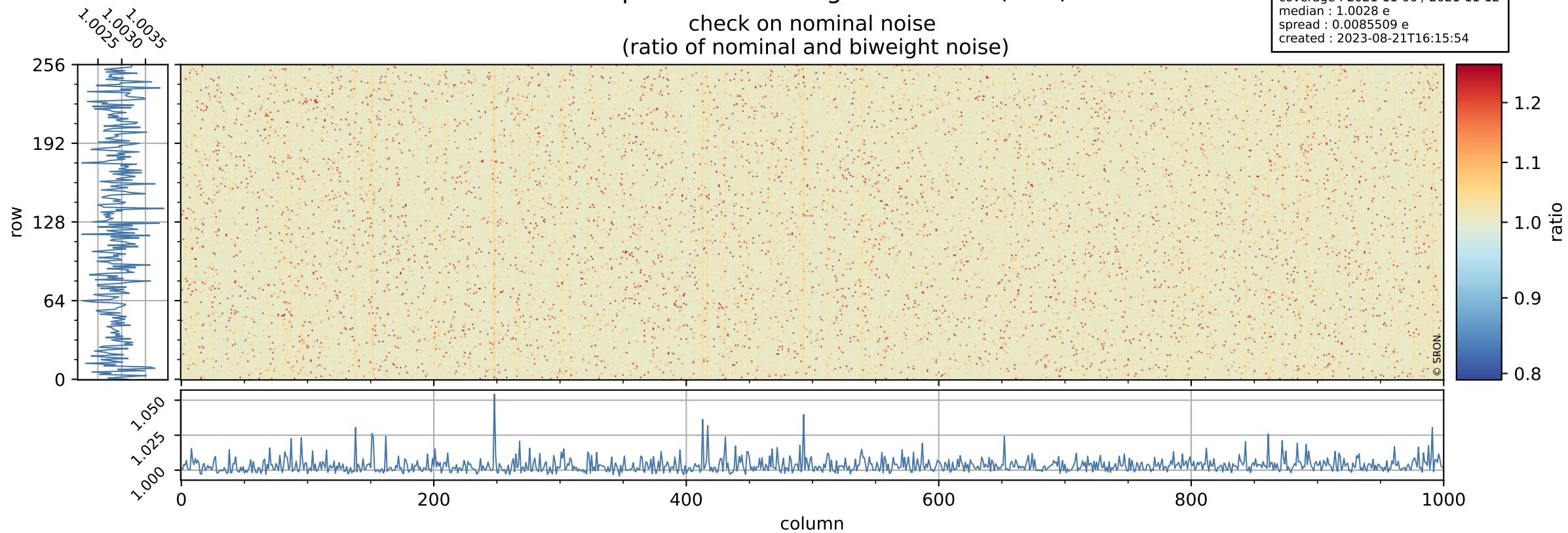
orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
median : 0.99775 e
spread : 0.0055126 e
created : 2023-08-21T16:15:54



Tropomi SWIR background noise (swir)

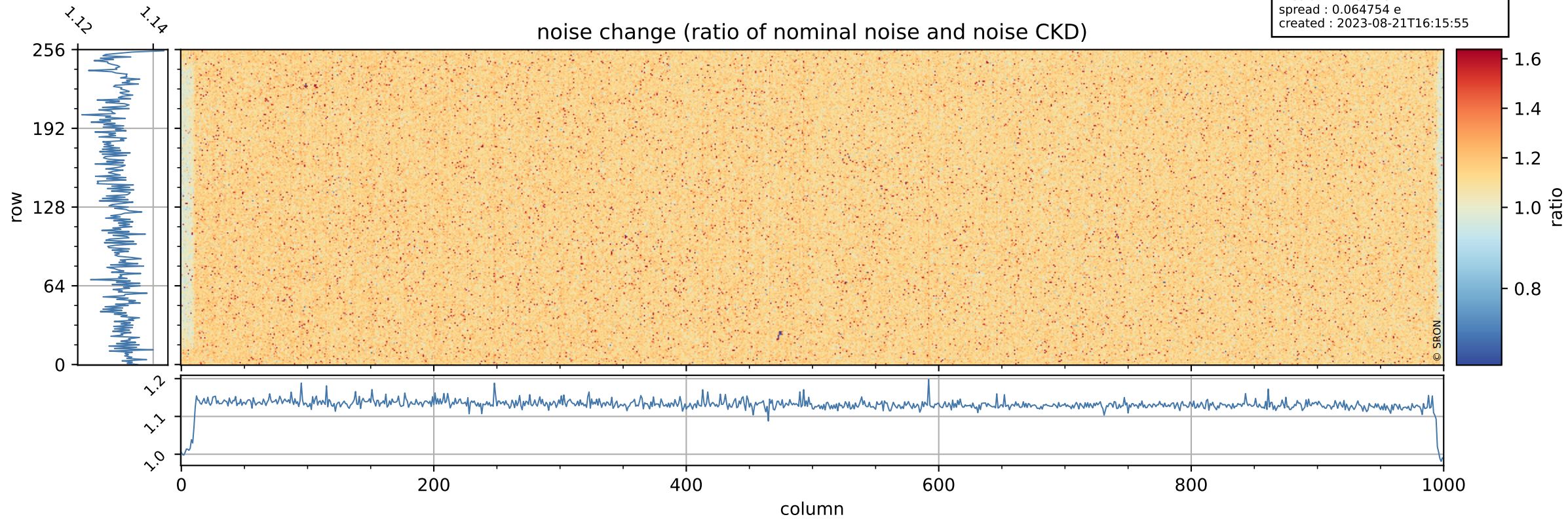
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
median : 1.0028 e
spread : 0.0085509 e
created : 2023-08-21T16:15:54



Tropomi SWIR background noise (swir)

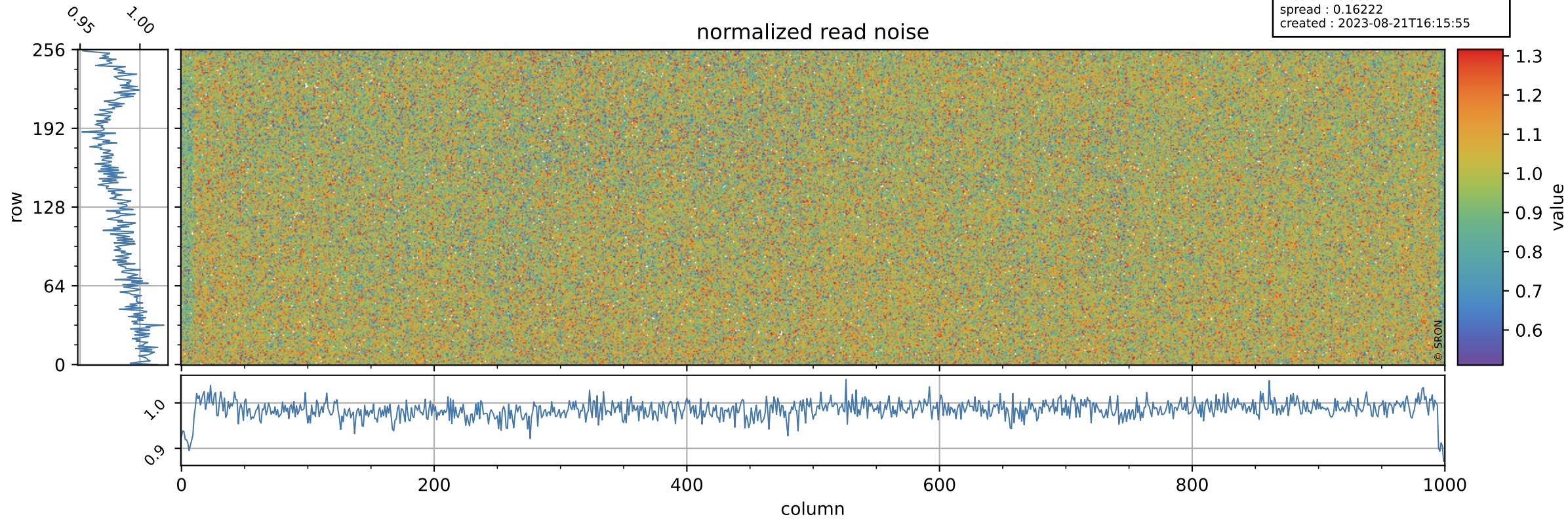
orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
median : 1.1301 e
spread : 0.064754 e
created : 2023-08-21T16:15:55



Tropomi SWIR background noise (swir)

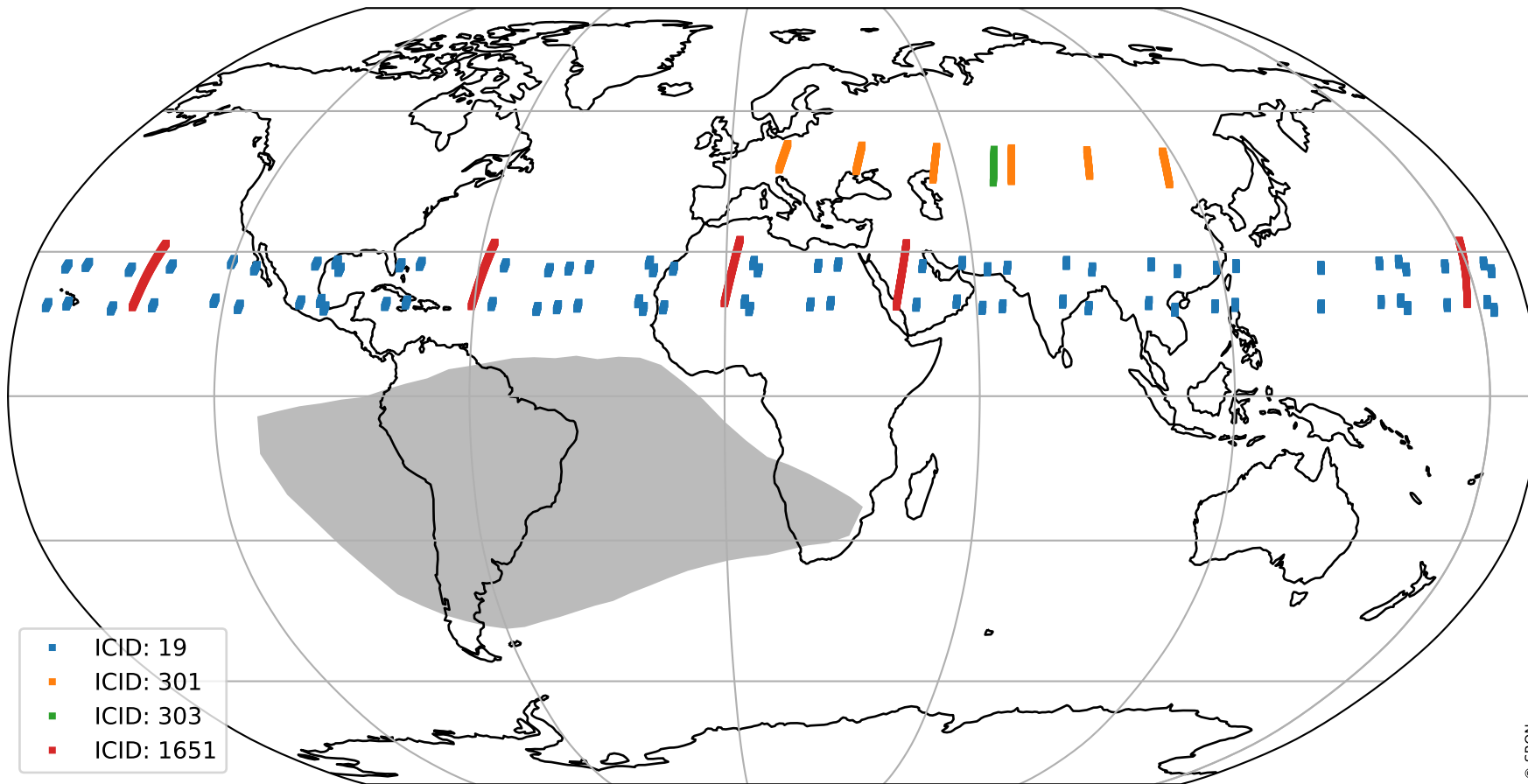
orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
median : 0.98327
spread : 0.16222
created : 2023-08-21T16:15:55

normalized read noise



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

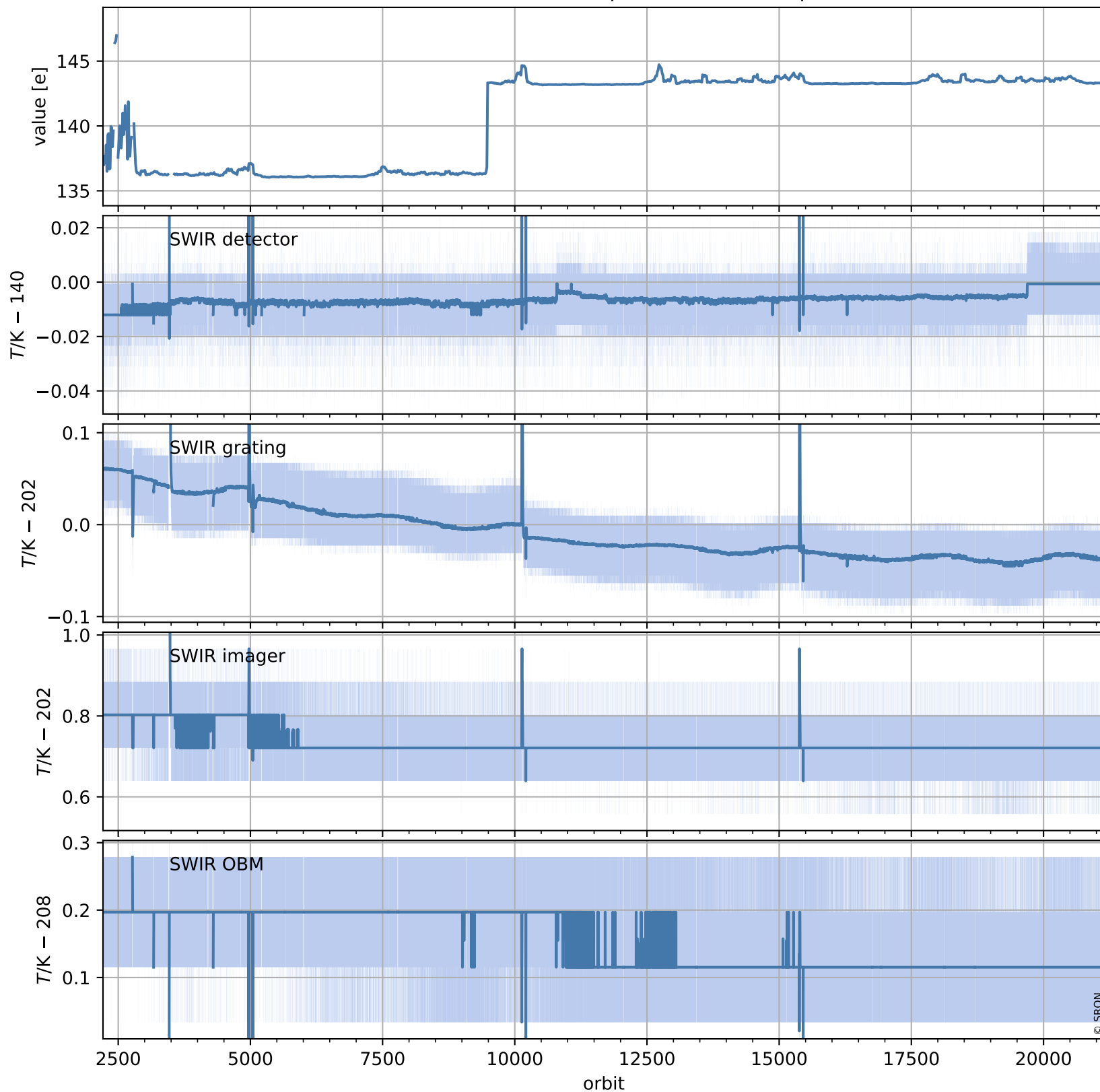
orbits : 12 in [21082, 21157]
coverage : 2021-11-06 / 2021-11-12
created : 2023-08-21T16:15:55



Tropomi SWIR background noise (swir)

orbits : [2212, 21157]
coverage : 2018-03-18 / 2021-11-12
created : 2023-08-21T16:15:55

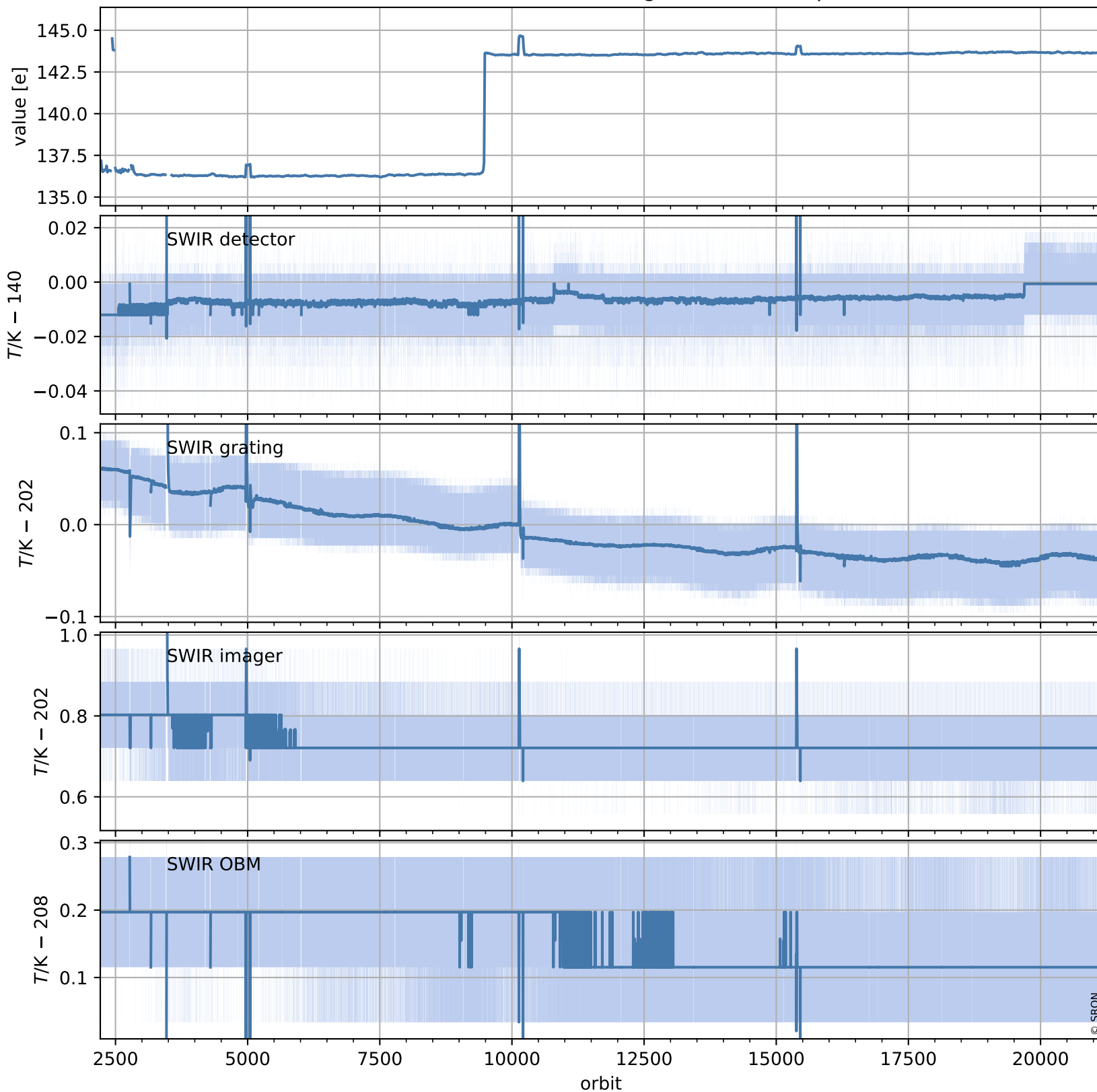
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21157]
coverage : 2018-03-18 / 2021-11-12
created : 2023-08-21T16:15:56

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21157]
coverage : 2018-03-18 / 2021-11-12
created : 2023-08-21T16:15:57

trend of normalized read-noise & temperatures

