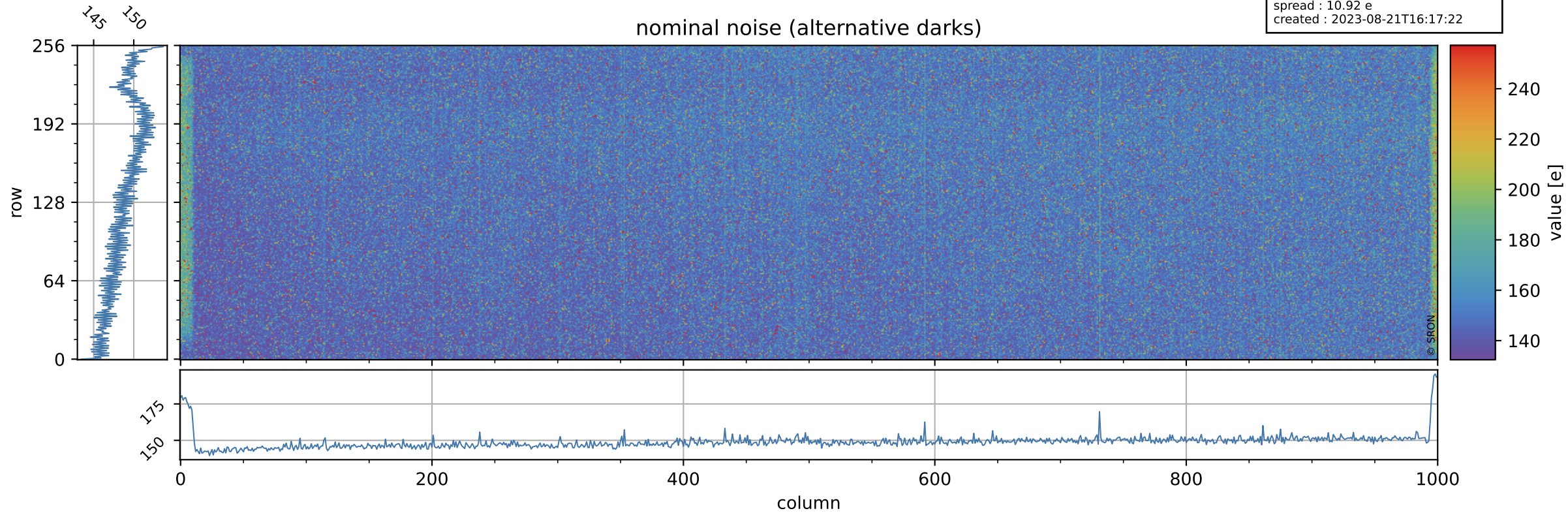


Tropomi SWIR background noise (swir)

orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.92 e
created : 2023-08-21T16:17:22

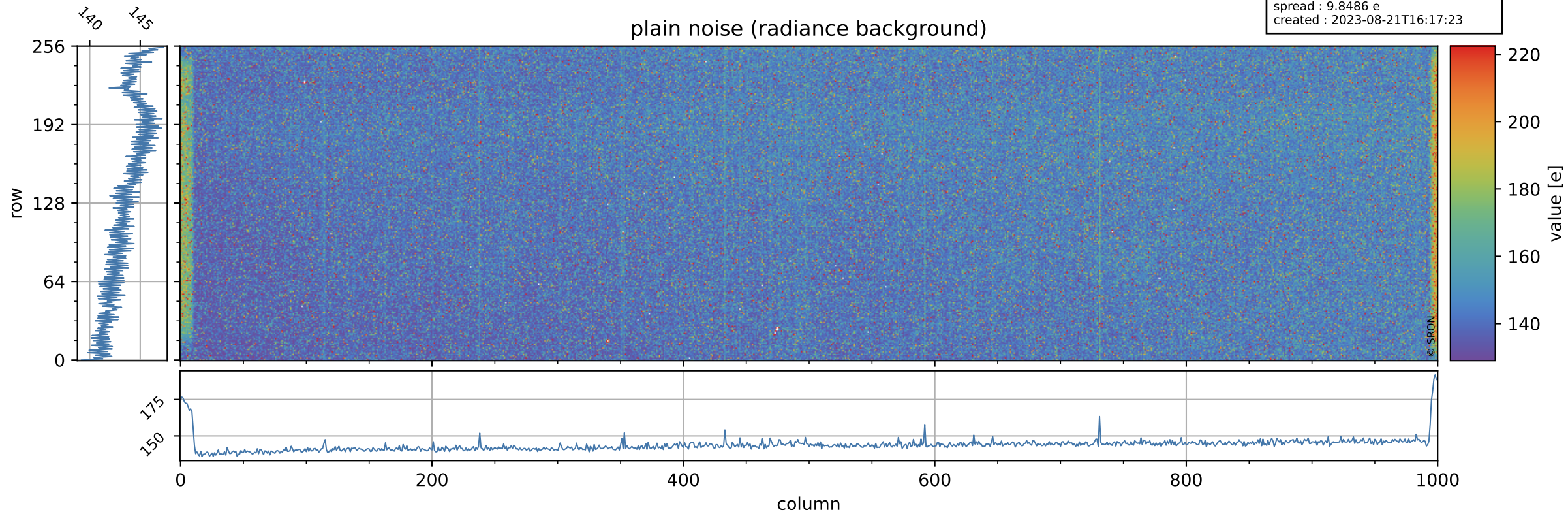
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
n_coad, t_exp : 1, 0.8383
median : 143.54 e
spread : 9.8486 e
created : 2023-08-21T16:17:23

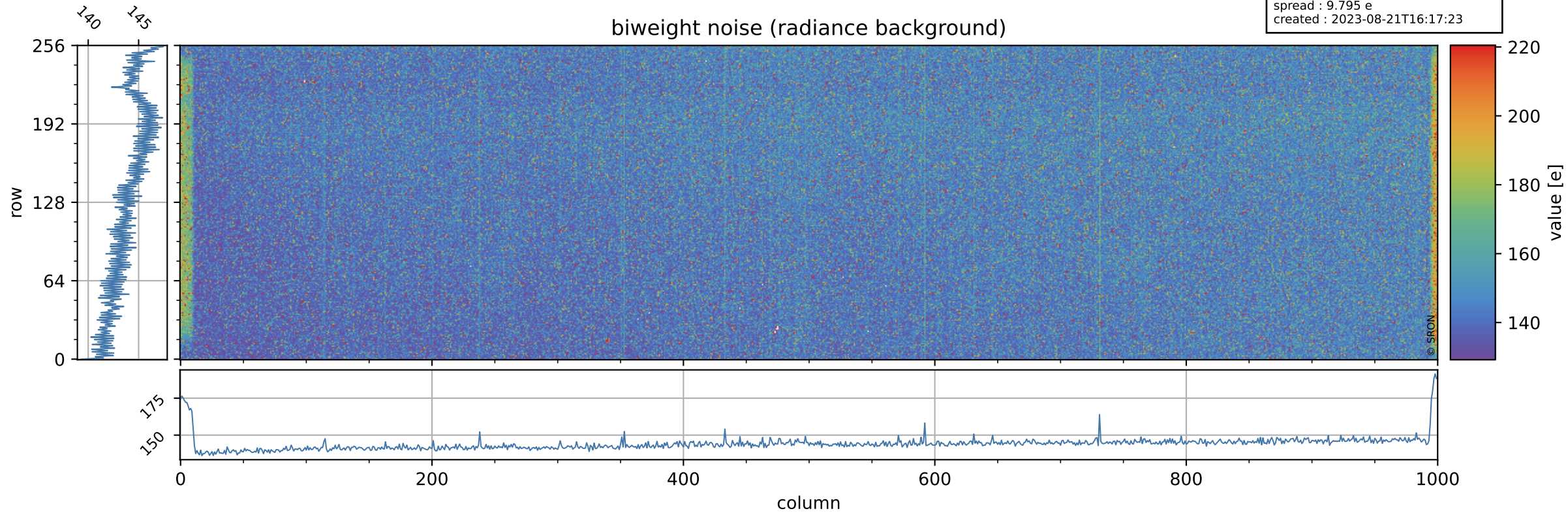
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.795 e
created : 2023-08-21T16:17:23

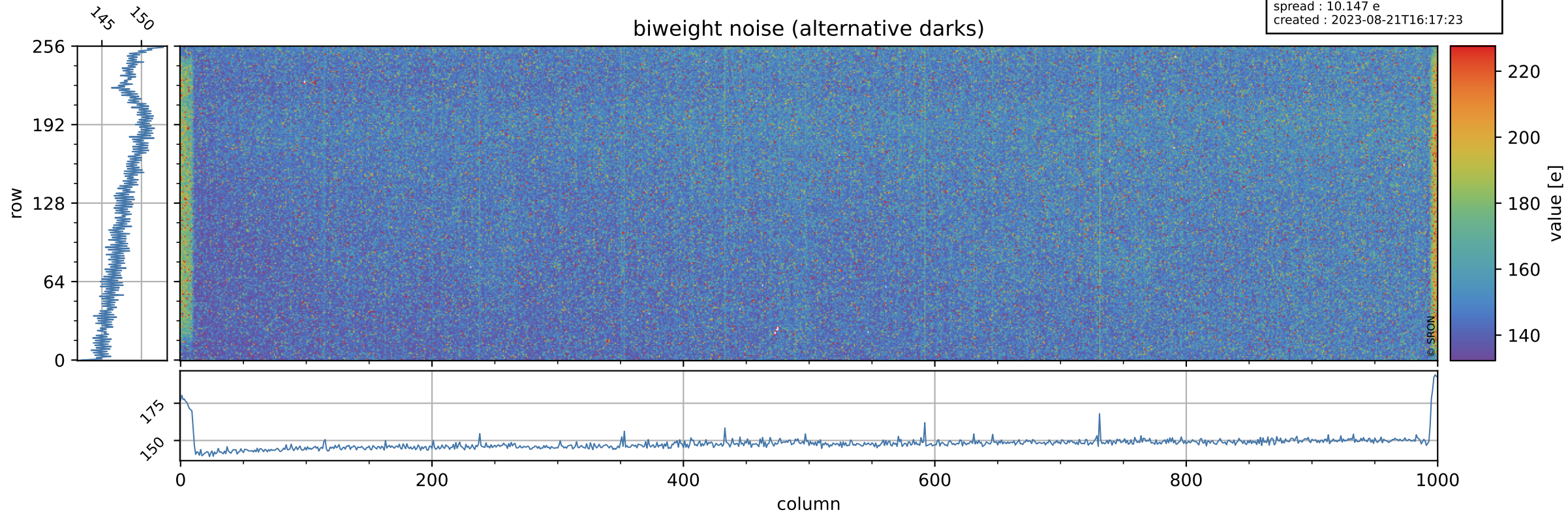
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
n_coad, t_exp : 1, 1.0783
median : 147.8 e
spread : 10.147 e
created : 2023-08-21T16:17:23

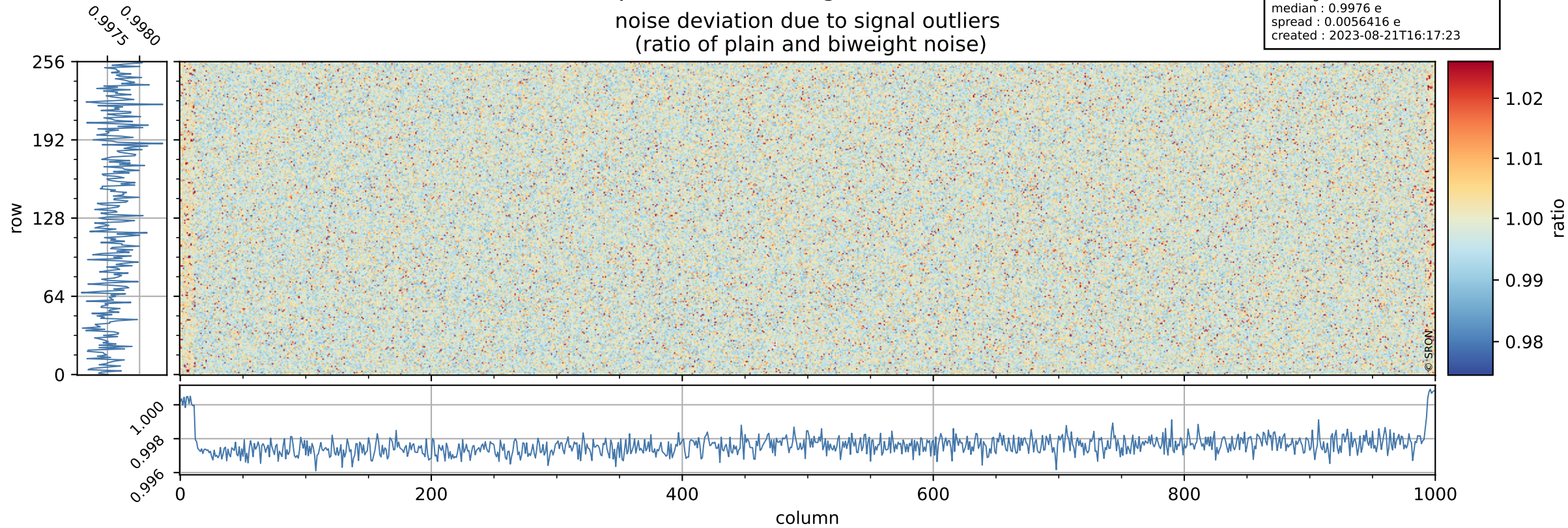
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

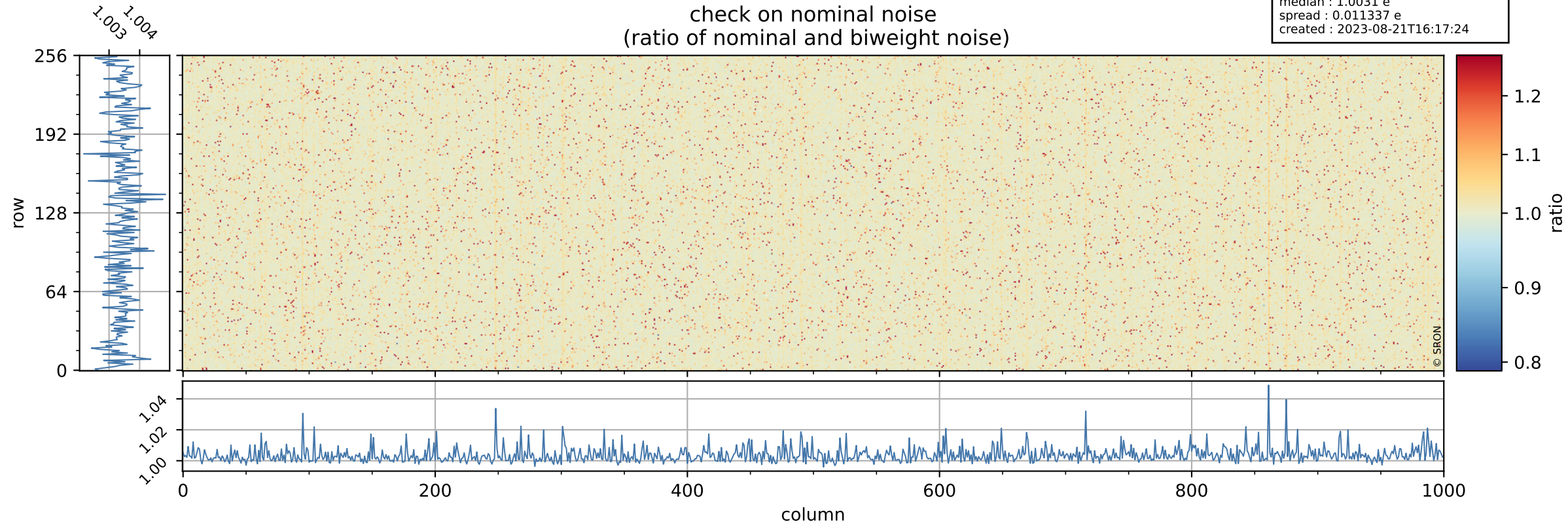
orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
median : 0.9976 e
spread : 0.0056416 e
created : 2023-08-21T16:17:23



Tropomi SWIR background noise (swir)

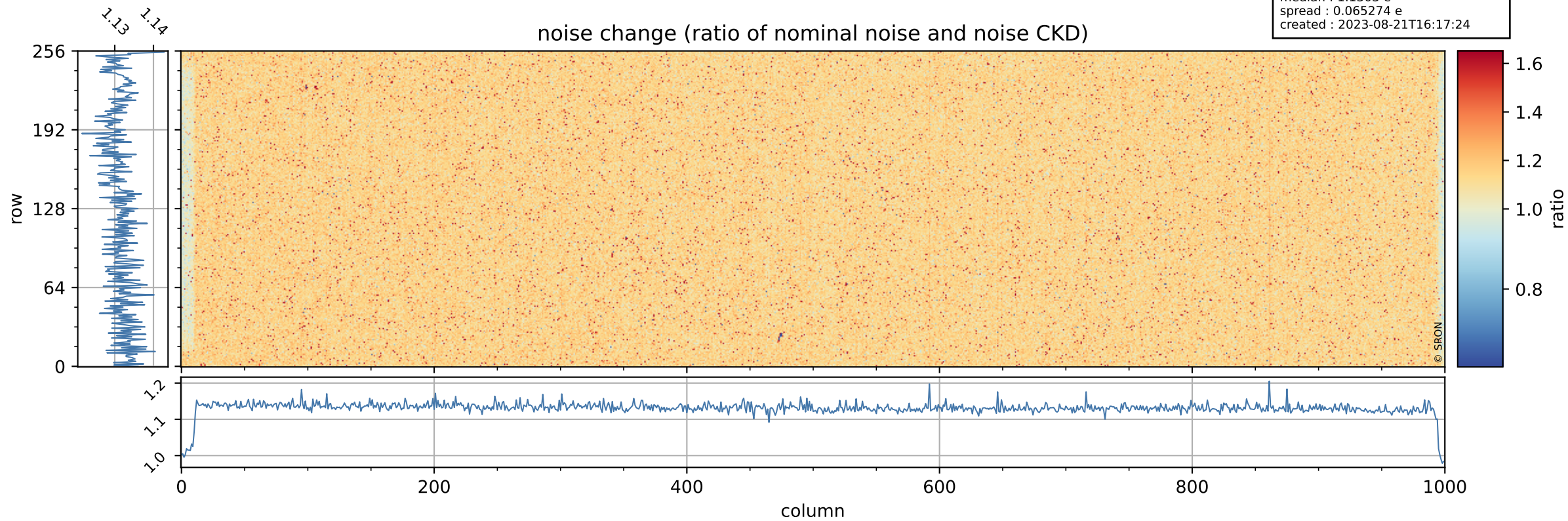
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
median : 1.0031 e
spread : 0.011337 e
created : 2023-08-21T16:17:24



Tropomi SWIR background noise (swir)

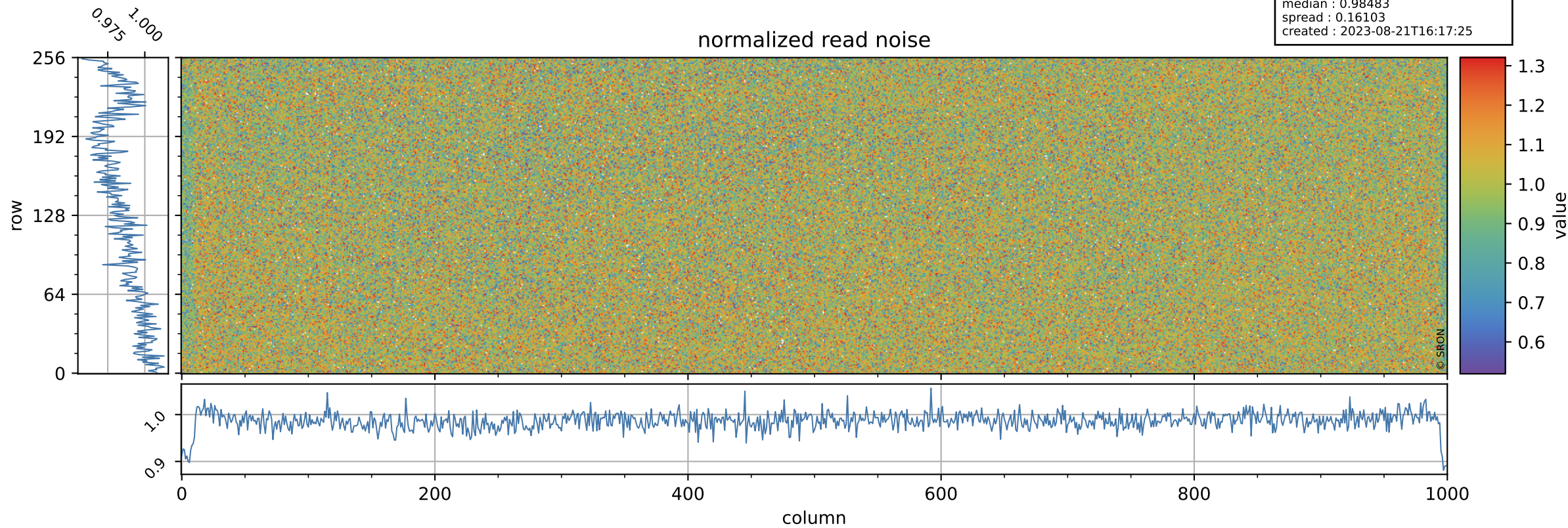
orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
median : 1.1303 e
spread : 0.065274 e
created : 2023-08-21T16:17:24



Tropomi SWIR background noise (swir)

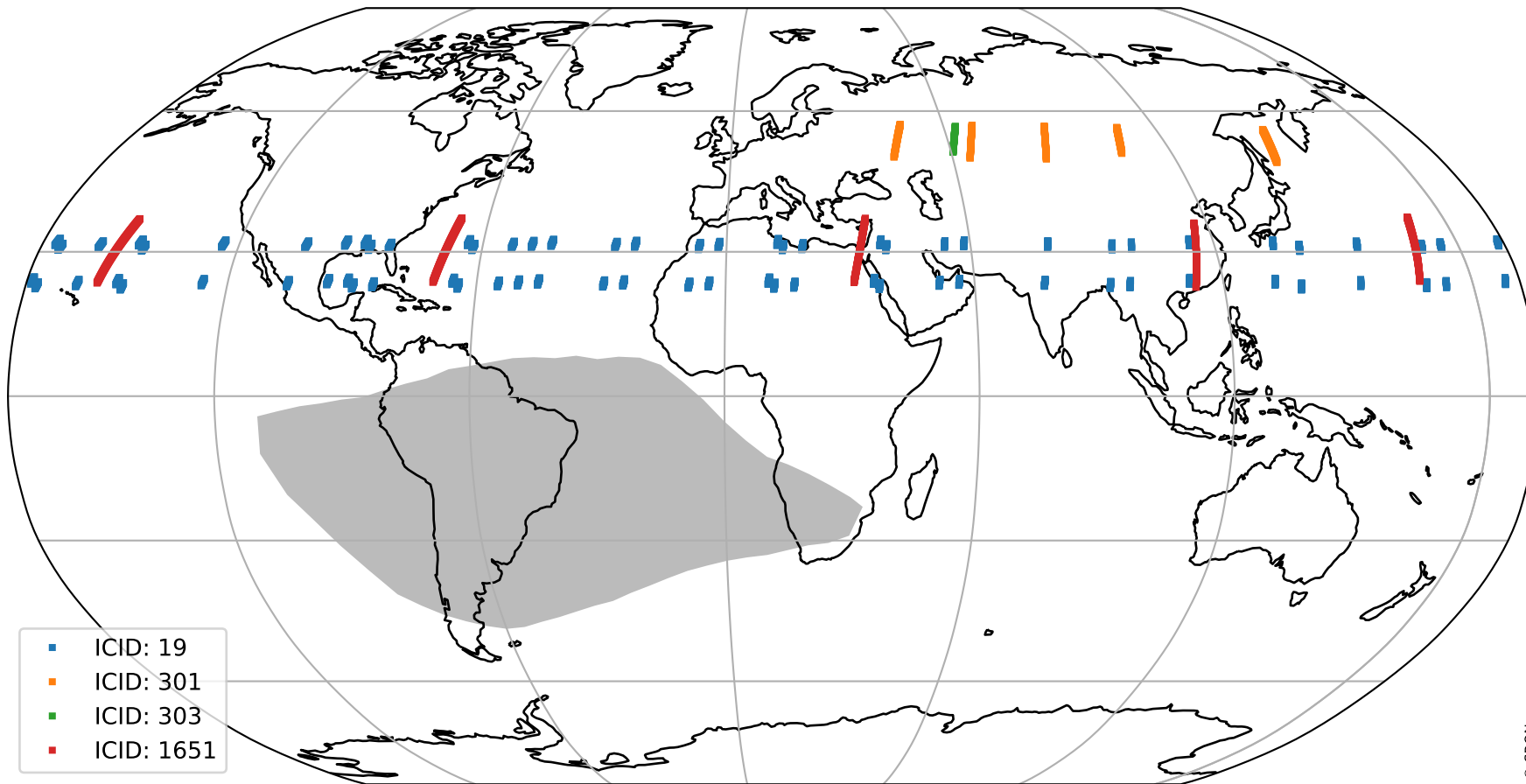
orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
median : 0.98483
spread : 0.16103
created : 2023-08-21T16:17:25

normalized read noise



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

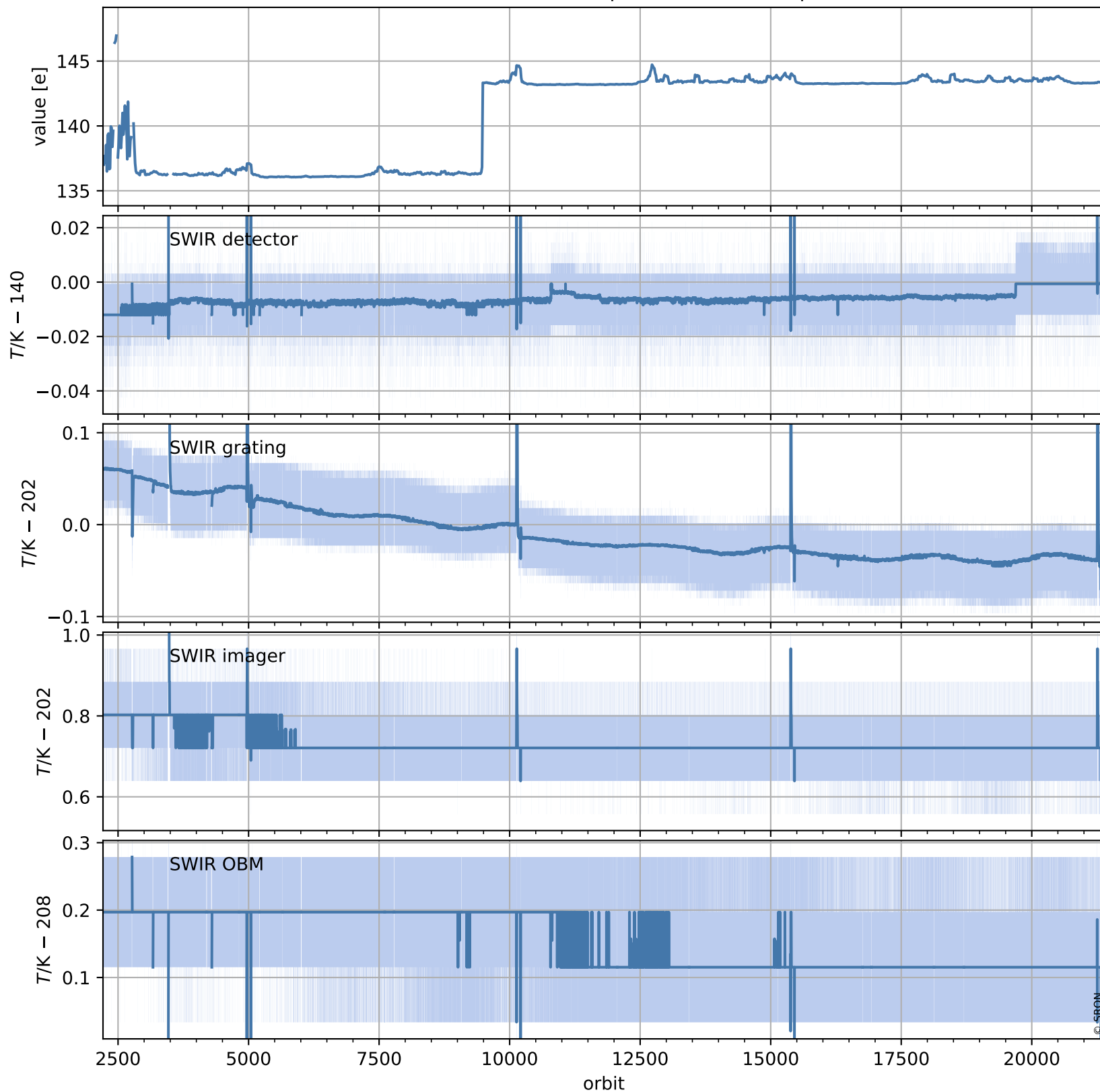
orbits : 11 in [21307, 21397]
coverage : 2021-11-23 / 2021-11-29
created : 2023-08-21T16:17:25



Tropomi SWIR background noise (swir)

orbits : [2212, 21397]
coverage : 2018-03-18 / 2021-11-29
created : 2023-08-21T16:17:25

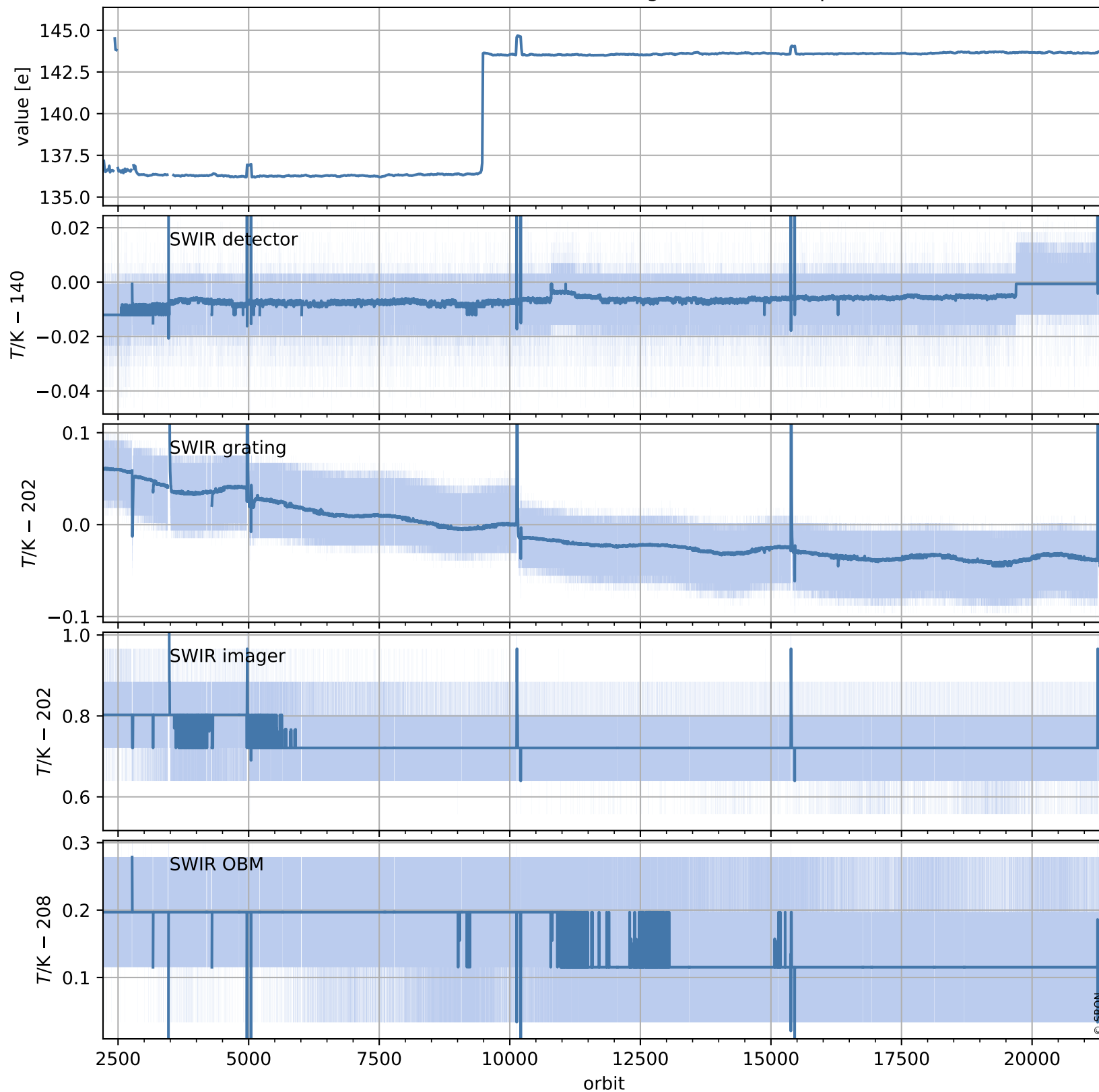
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21397]
coverage : 2018-03-18 / 2021-11-29
created : 2023-08-21T16:17:26

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21397]
coverage : 2018-03-18 / 2021-11-29
created : 2023-08-21T16:17:27

trend of normalized read-noise & temperatures

