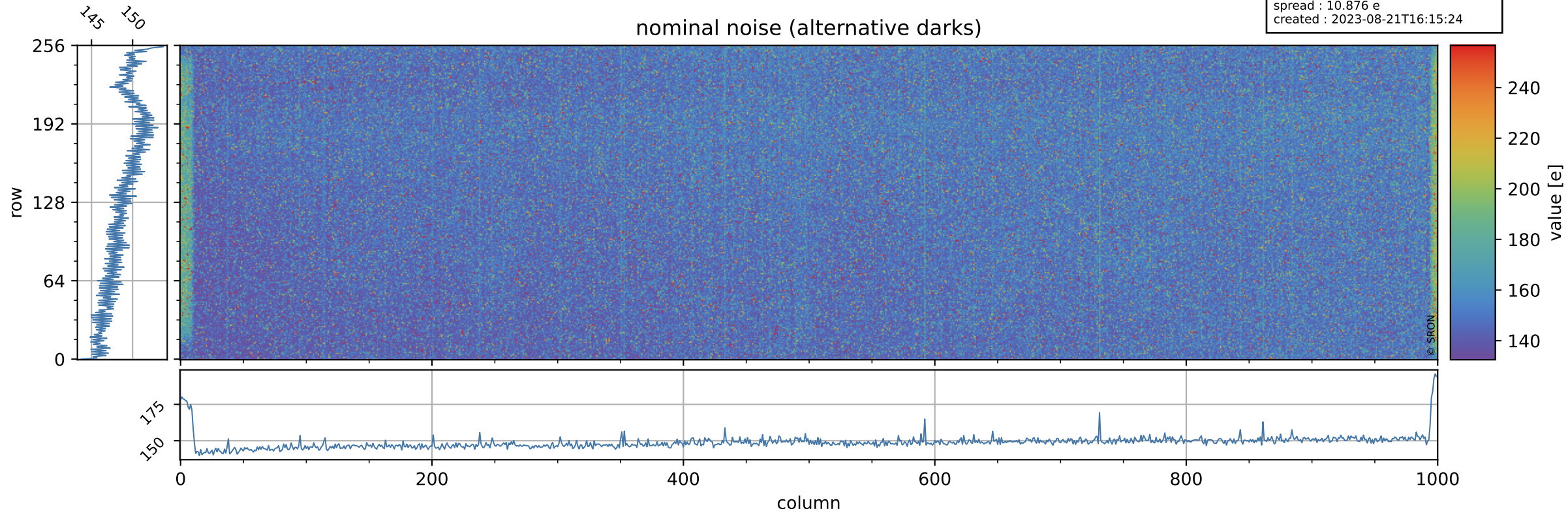


Tropomi SWIR background noise (swir)

orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
n_coad, t_exp : 1, 1.0783
median : 148.71 e
spread : 10.876 e
created : 2023-08-21T16:15:24

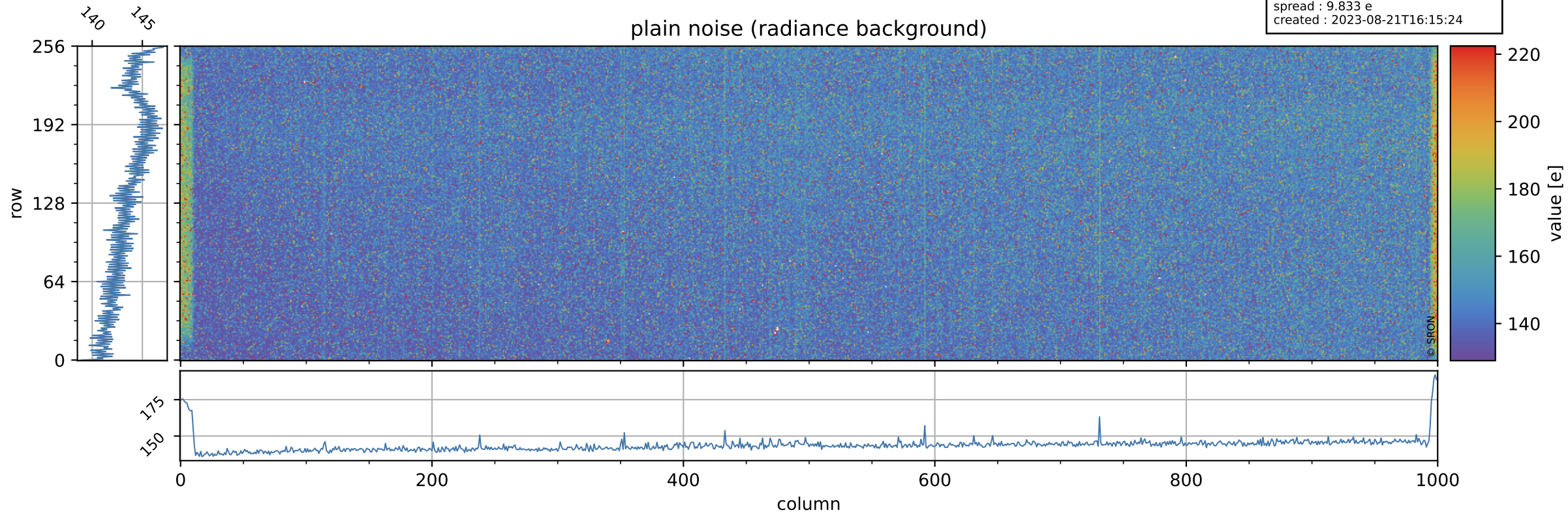
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
n_coad, t_exp : 1, 0.8383
median : 143.46 e
spread : 9.833 e
created : 2023-08-21T16:15:24

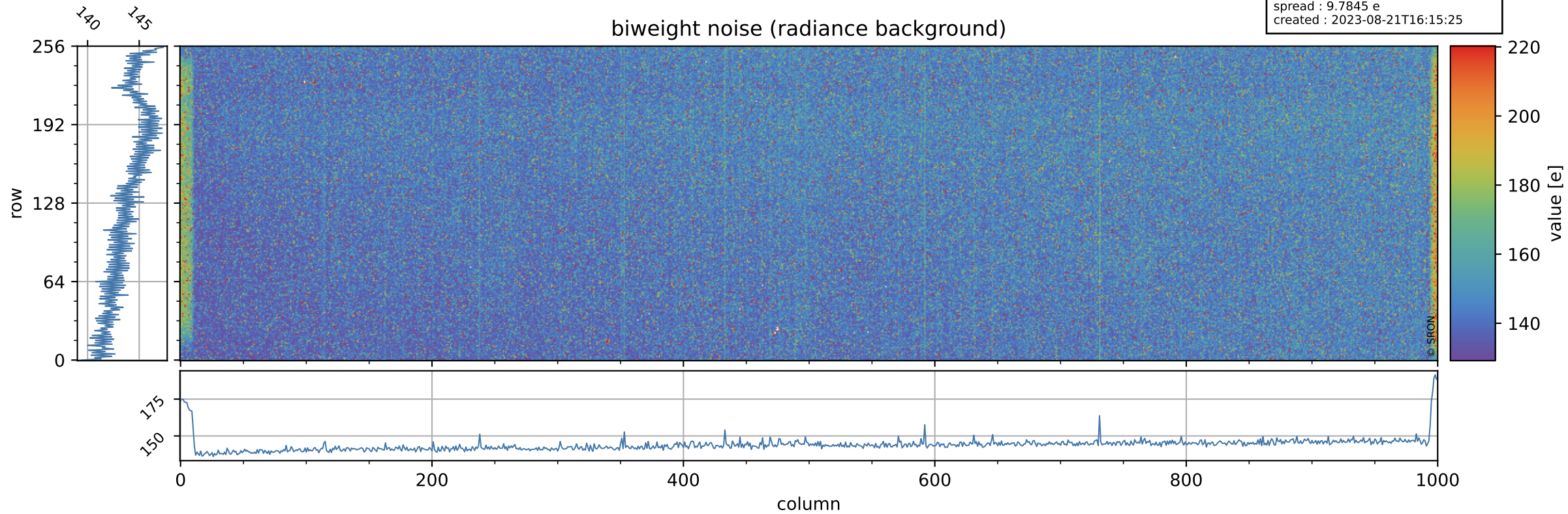
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.7845 e
created : 2023-08-21T16:15:25

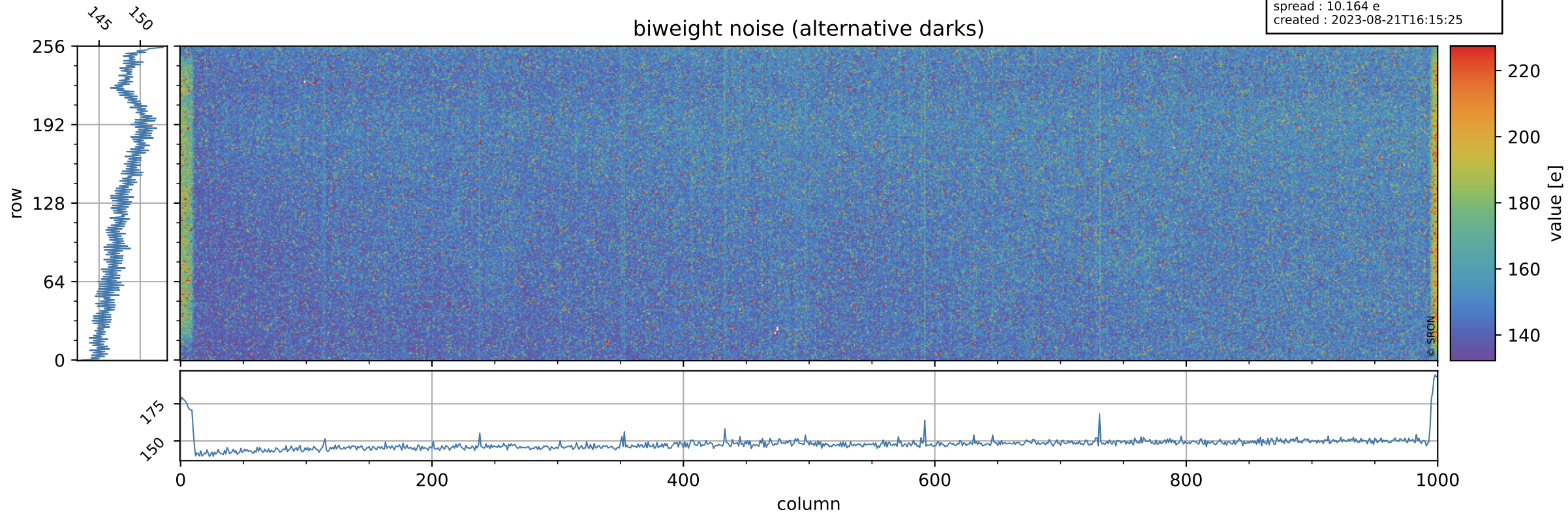
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
n_coad, t_exp : 1, 1.0783
median : 147.77 e
spread : 10.164 e
created : 2023-08-21T16:15:25

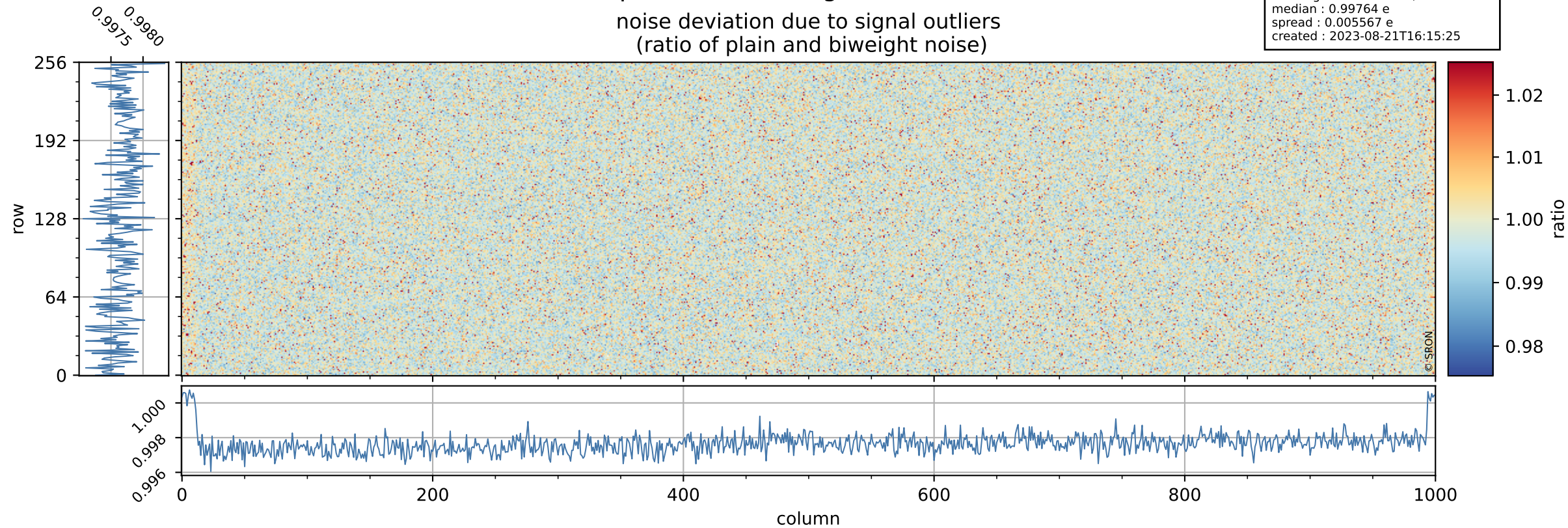
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

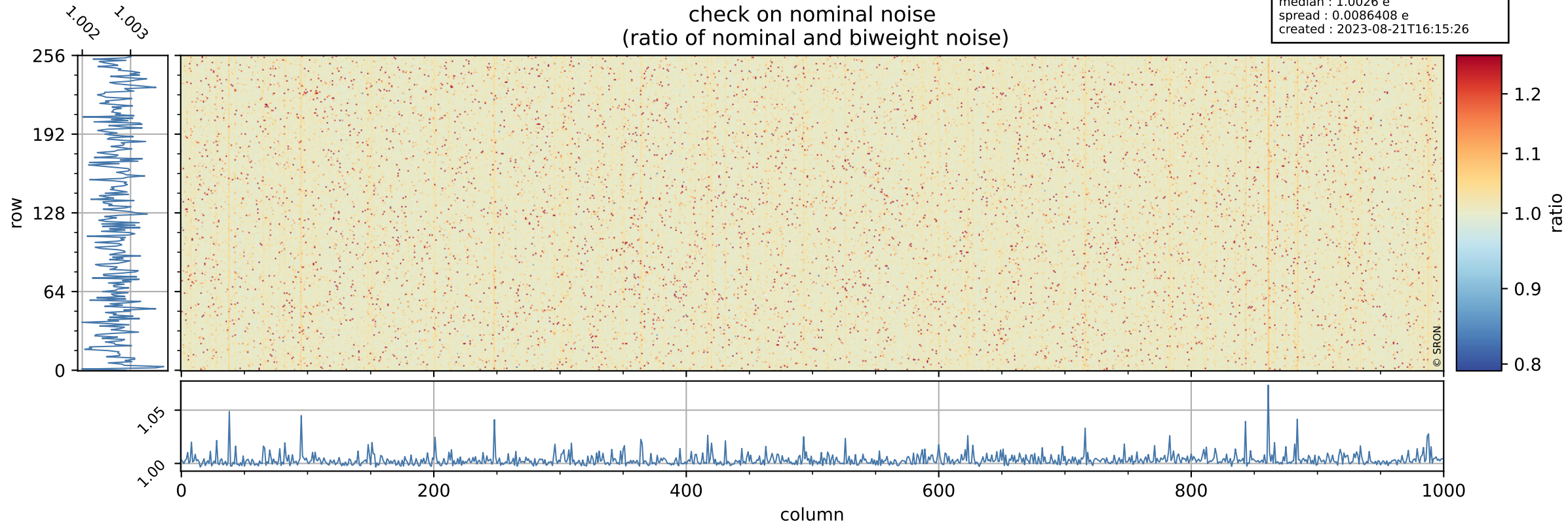
orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
median : 0.99764 e
spread : 0.005567 e
created : 2023-08-21T16:15:25



Tropomi SWIR background noise (swir)

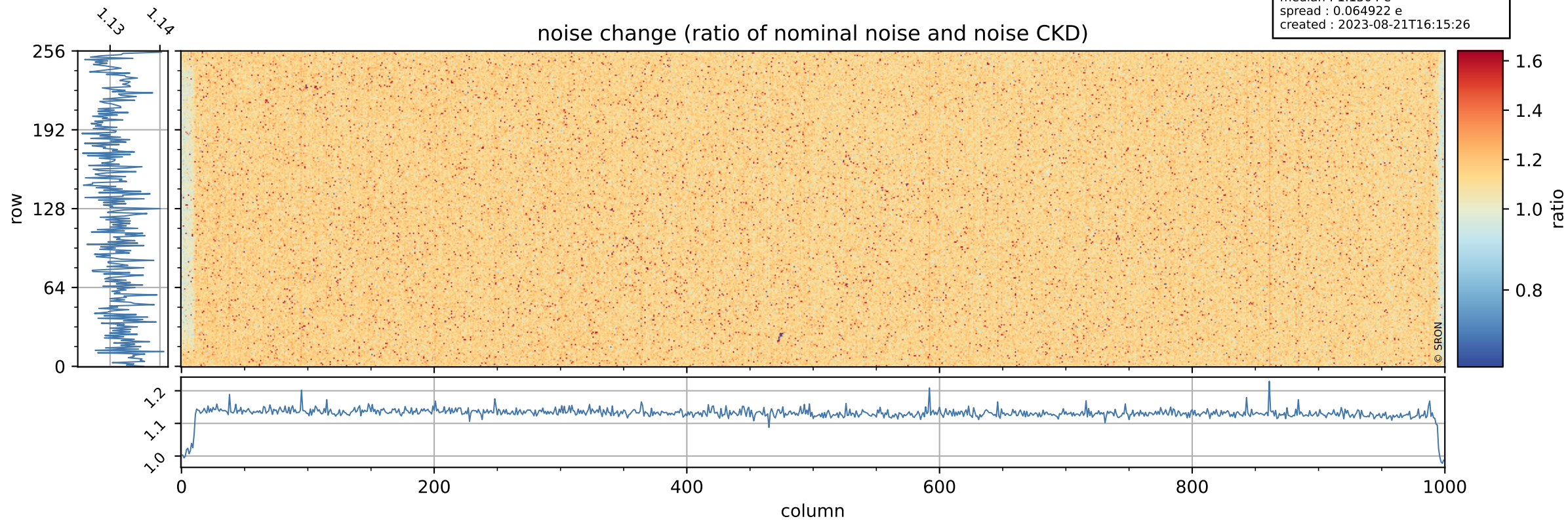
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
median : 1.0026 e
spread : 0.0086408 e
created : 2023-08-21T16:15:26



Tropomi SWIR background noise (swir)

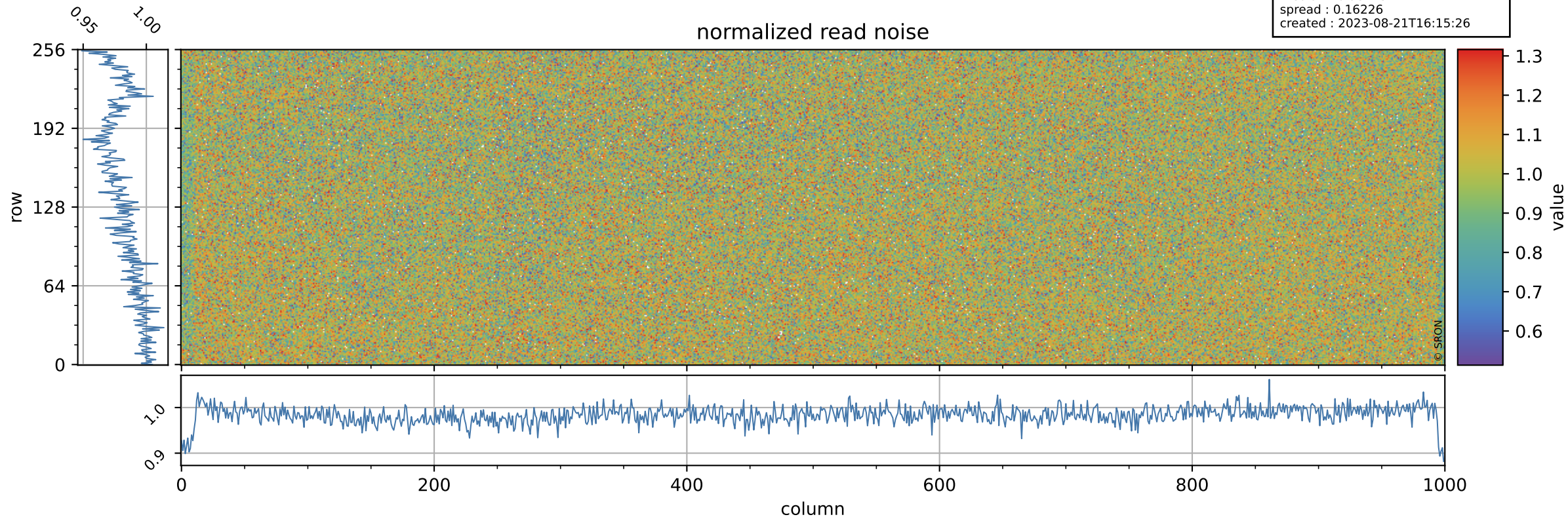
orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
median : 1.1304 e
spread : 0.064922 e
created : 2023-08-21T16:15:26



Tropomi SWIR background noise (swir)

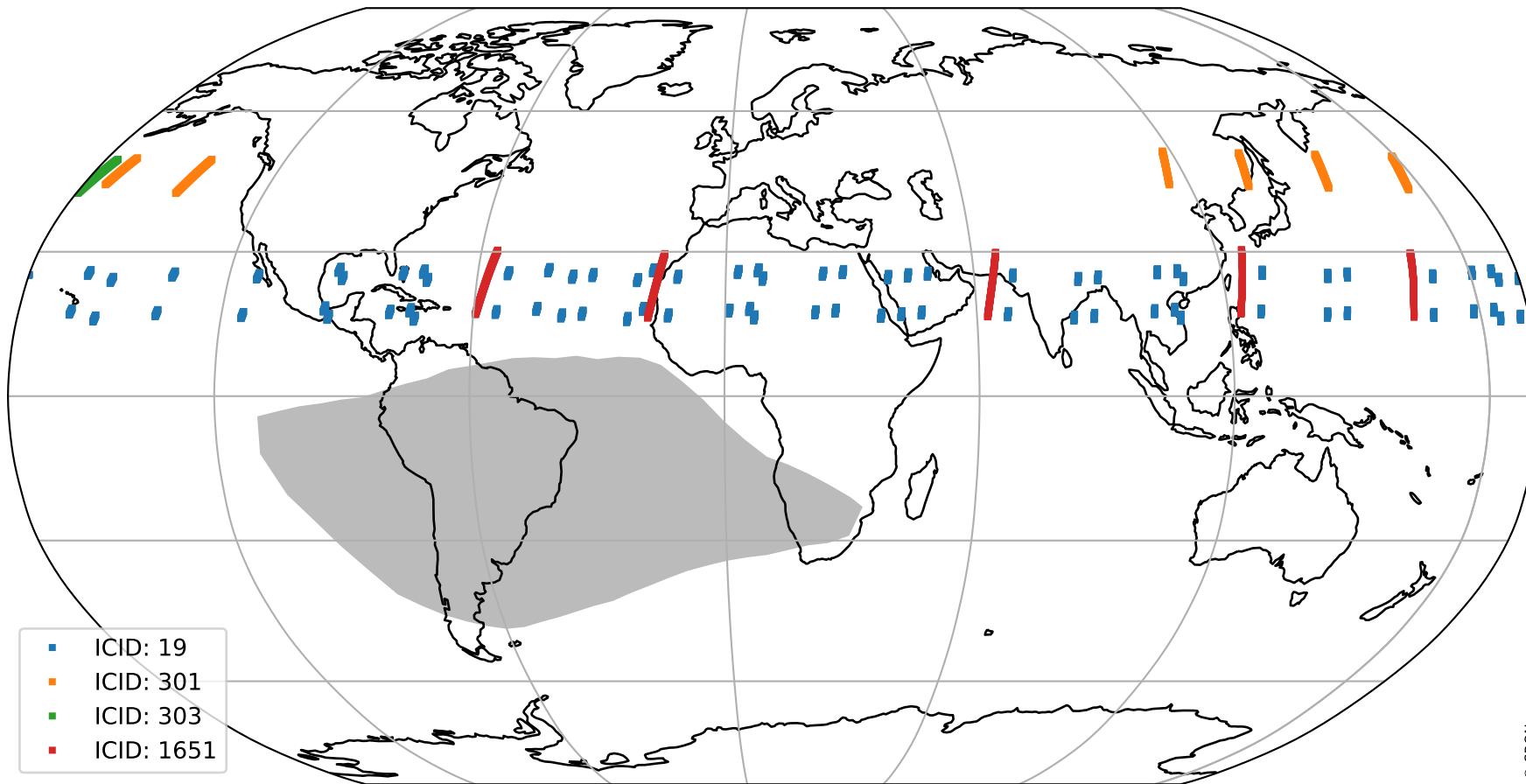
orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
median : 0.98215
spread : 0.16226
created : 2023-08-21T16:15:26

normalized read noise



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

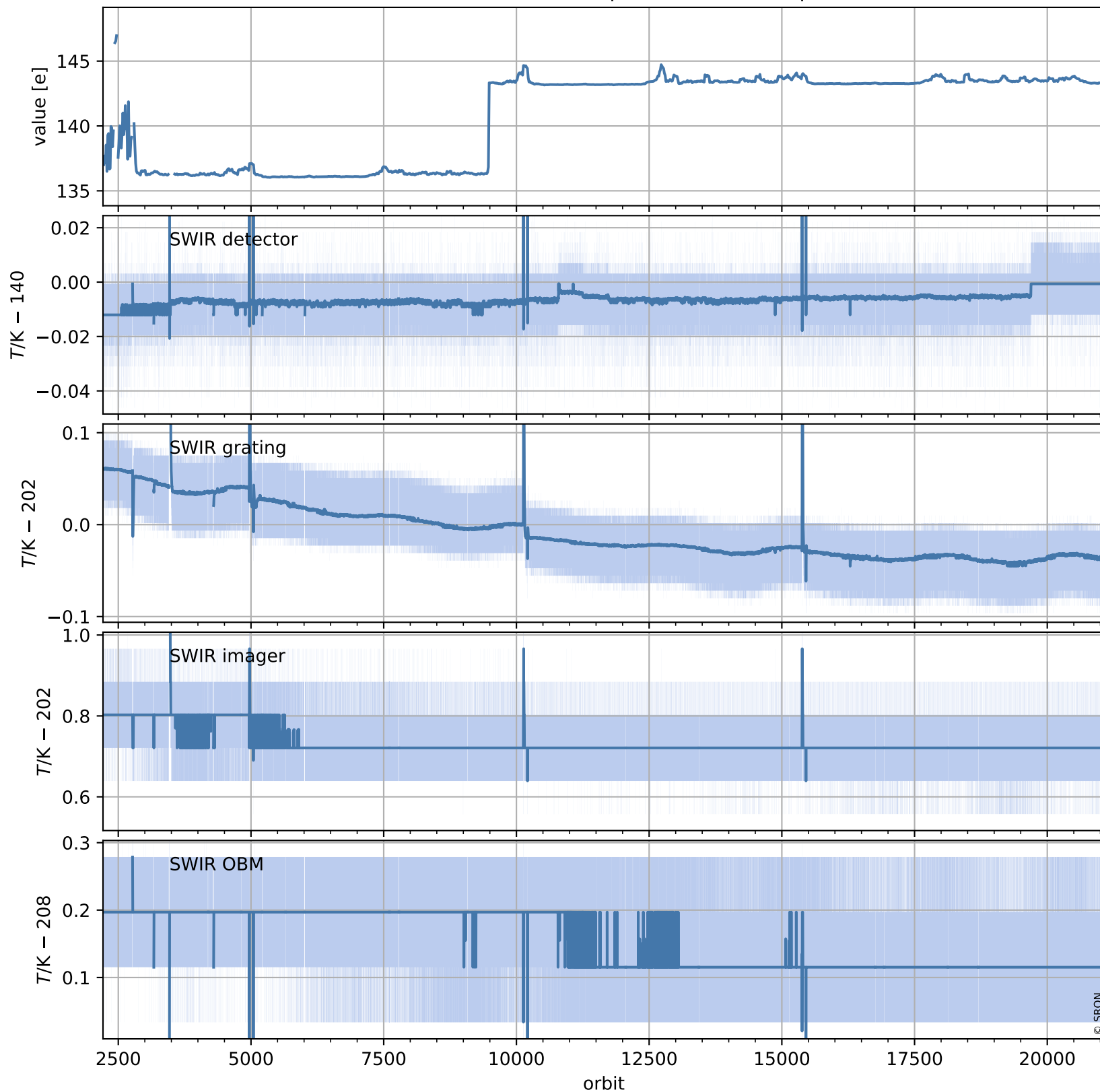
orbits : 12 in [21007, 21082]
coverage : 2021-11-01 / 2021-11-06
created : 2023-08-21T16:15:27



Tropomi SWIR background noise (swir)

orbits : [2212, 21082]
coverage : 2018-03-18 / 2021-11-06
created : 2023-08-21T16:15:27

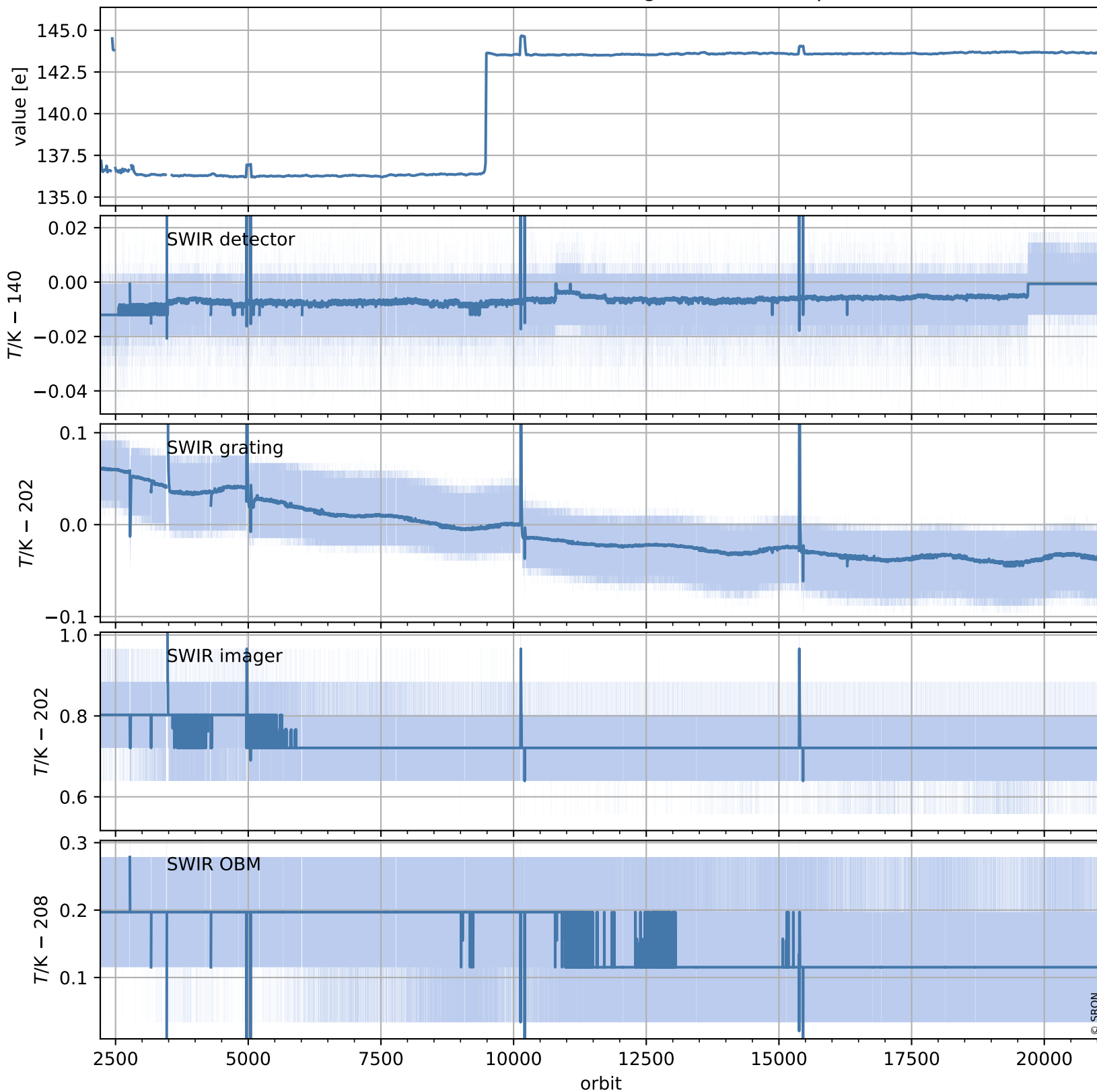
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21082]
coverage : 2018-03-18 / 2021-11-06
created : 2023-08-21T16:15:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 21082]
coverage : 2018-03-18 / 2021-11-06
created : 2023-08-21T16:15:29

trend of normalized read-noise & temperatures

