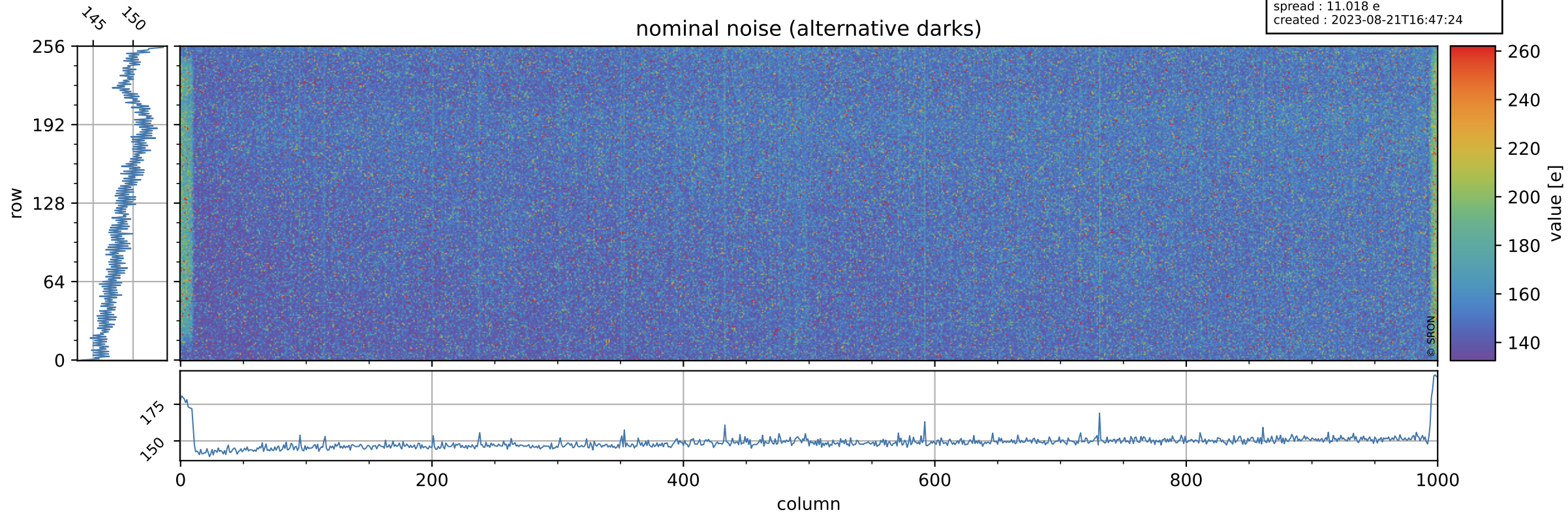


Tropomi SWIR background noise (swir)

orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
n_coad, t_exp : 1, 1.0783
median : 148.82 e
spread : 11.018 e
created : 2023-08-21T16:47:24

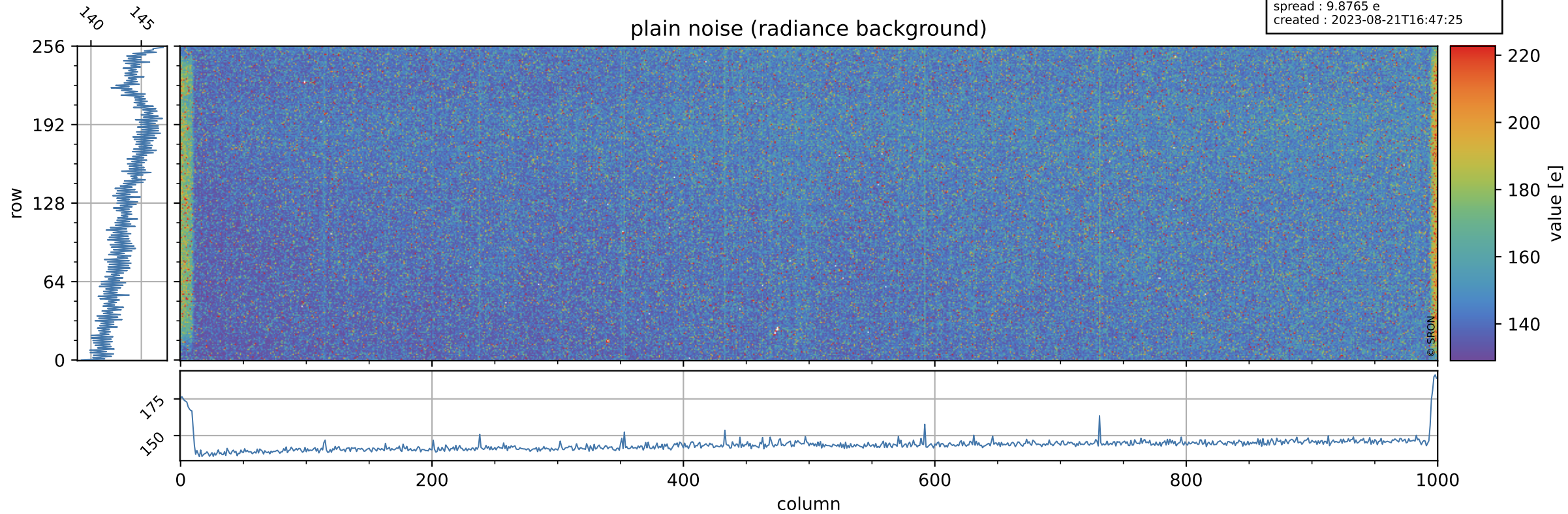
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8765 e
created : 2023-08-21T16:47:25

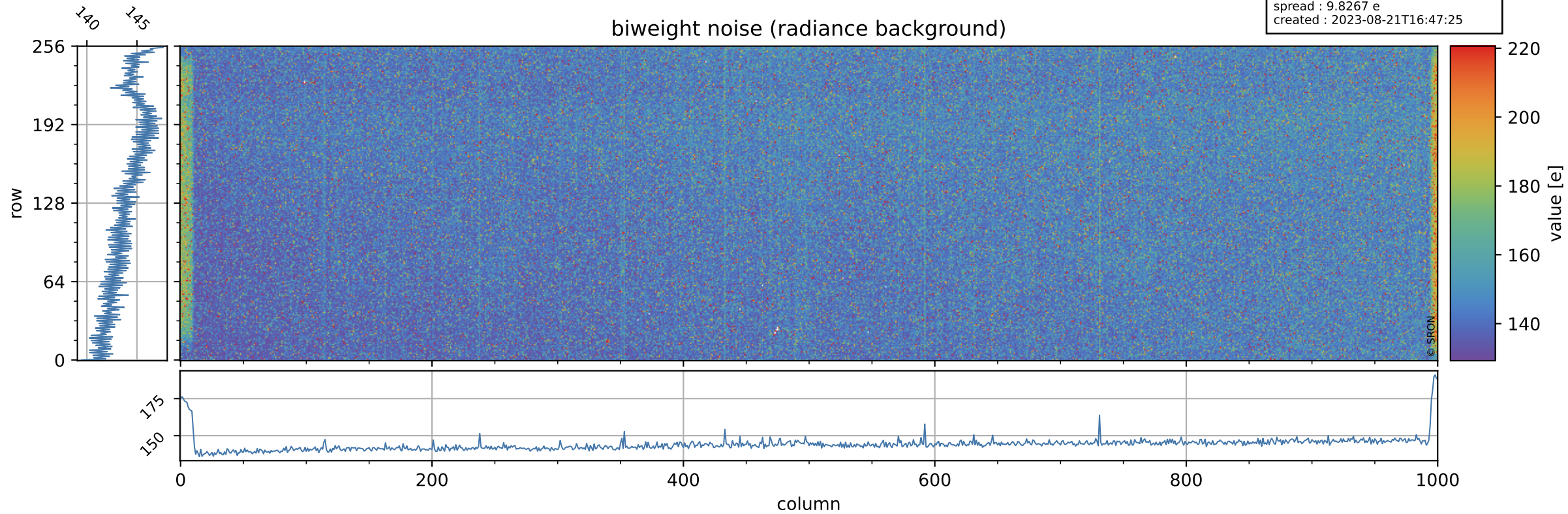
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
n_coad, t_exp : 1, 0.8383
median : 143.87 e
spread : 9.8267 e
created : 2023-08-21T16:47:25

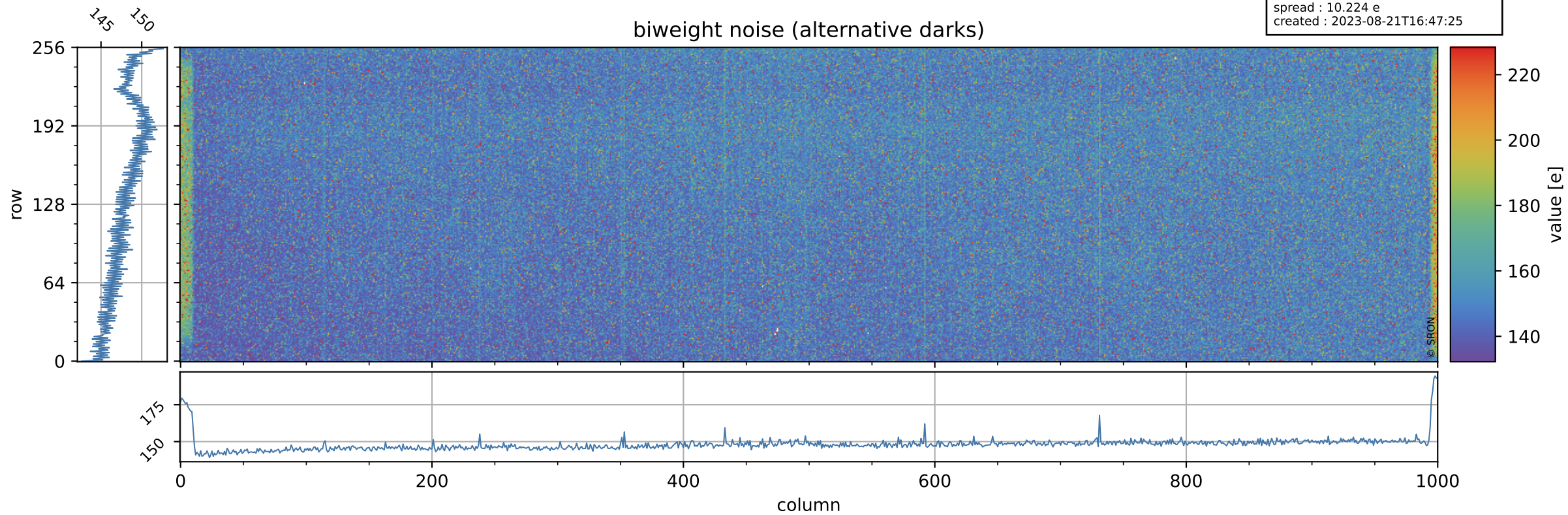
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.224 e
created : 2023-08-21T16:47:25

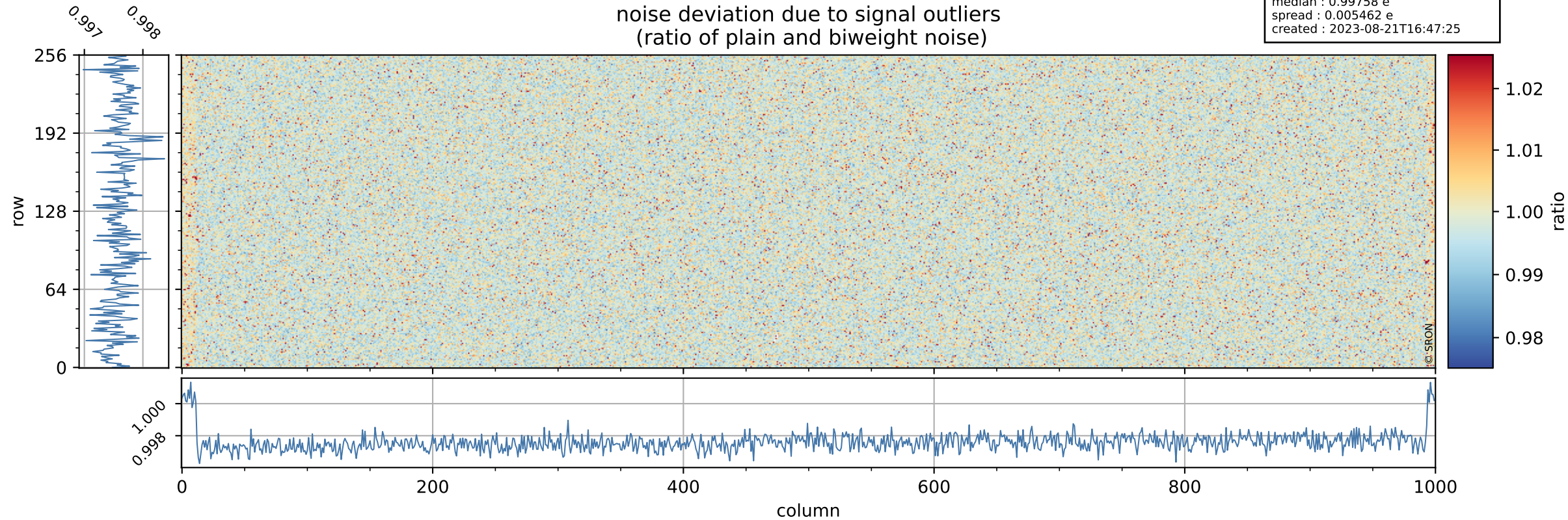
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

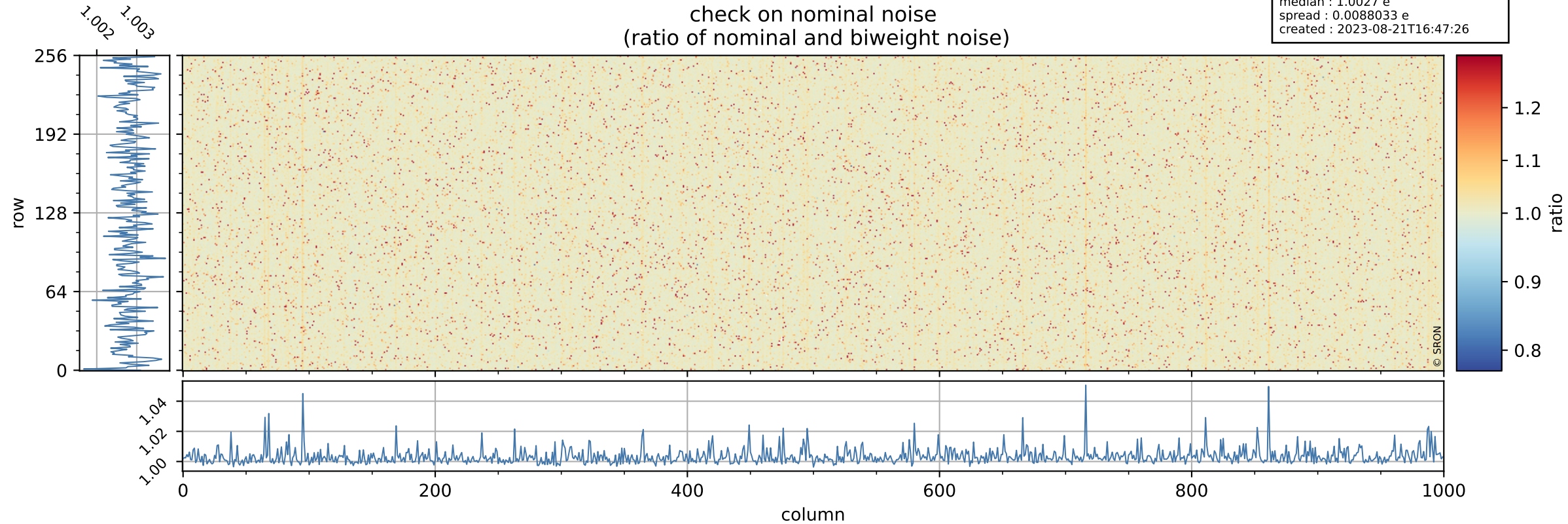
orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
median : 0.99758 e
spread : 0.005462 e
created : 2023-08-21T16:47:25



Tropomi SWIR background noise (swir)

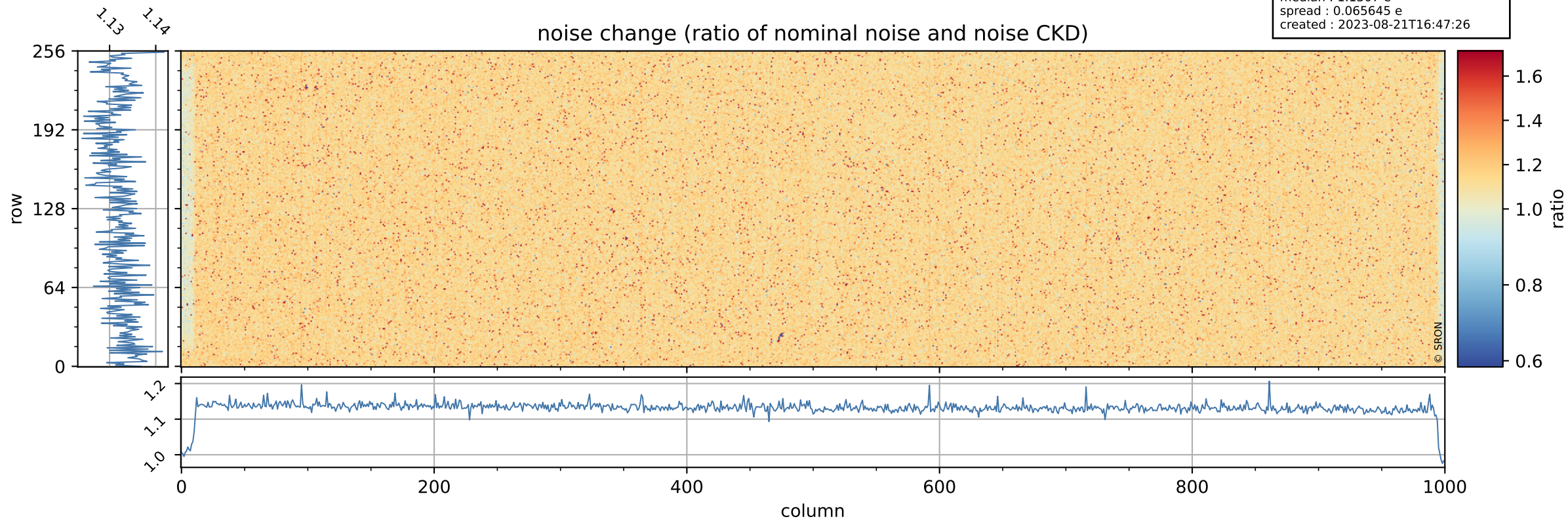
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
median : 1.0027 e
spread : 0.0088033 e
created : 2023-08-21T16:47:26



Tropomi SWIR background noise (swir)

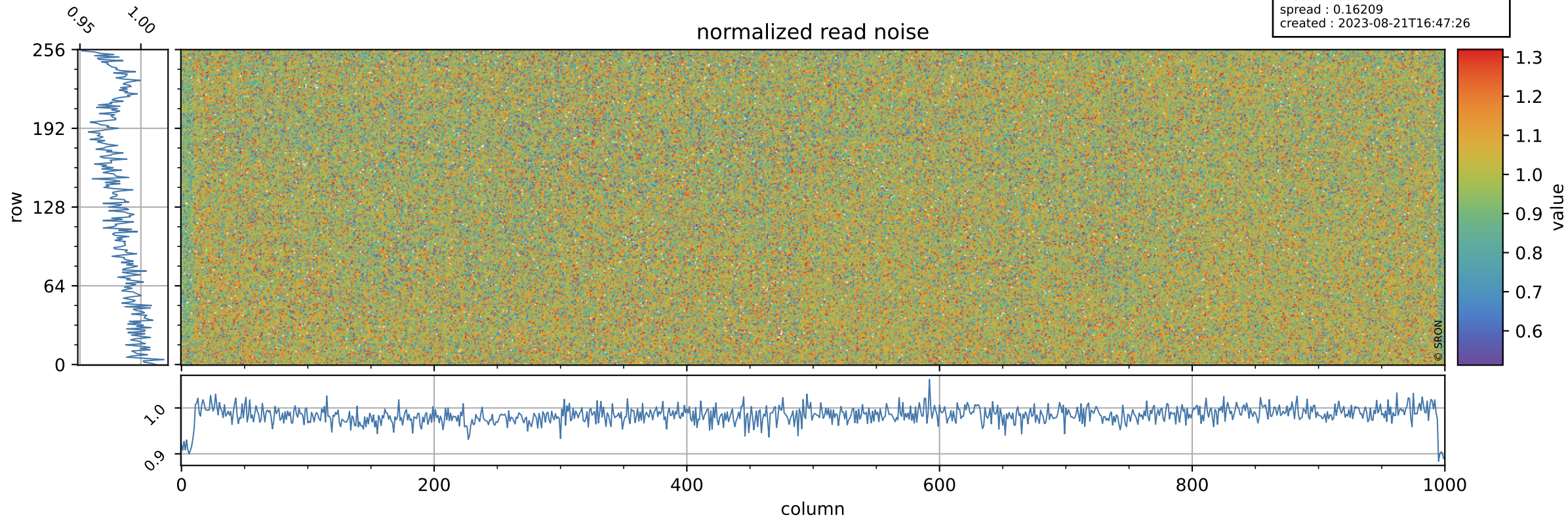
orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
median : 1.1307 e
spread : 0.065645 e
created : 2023-08-21T16:47:26



Tropomi SWIR background noise (swir)

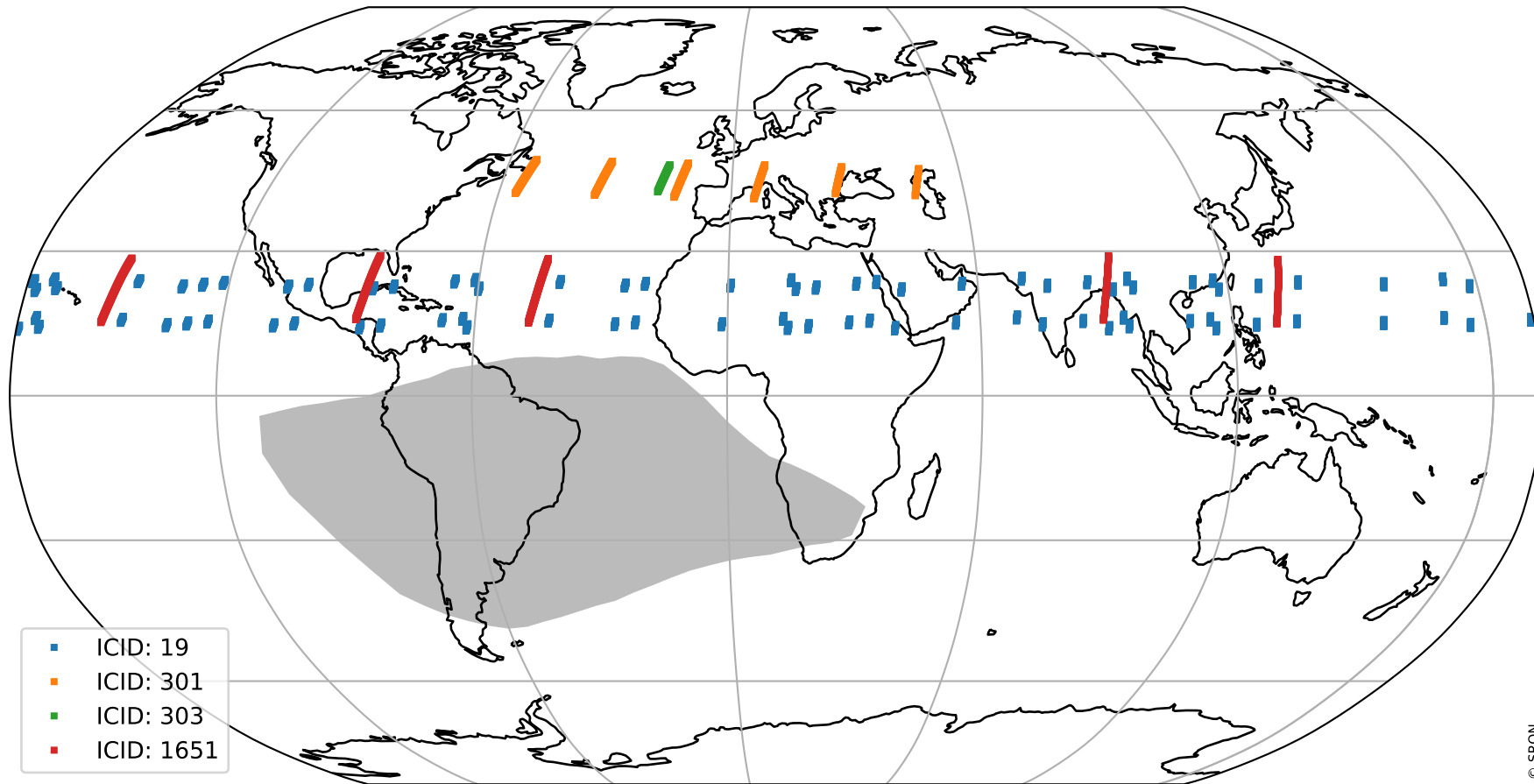
orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
median : 0.98263
spread : 0.16209
created : 2023-08-21T16:47:26

normalized read noise



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

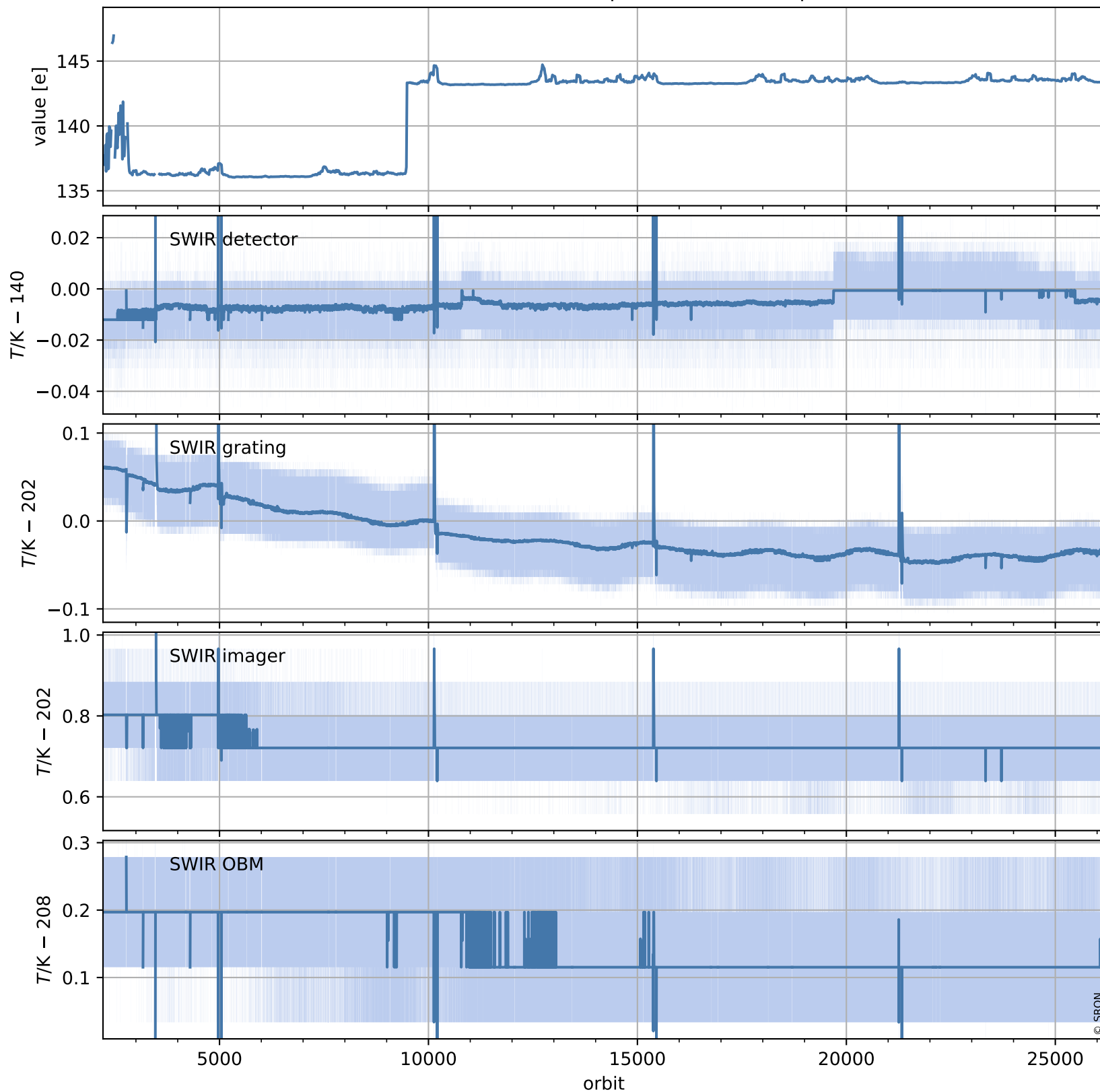
orbits : 12 in [26092, 26182]
coverage : 2022-10-26 / 2022-11-01
created : 2023-08-21T16:47:27



Tropomi SWIR background noise (swir)

orbits : [2212, 26182]
coverage : 2018-03-18 / 2022-11-01
created : 2023-08-21T16:47:27

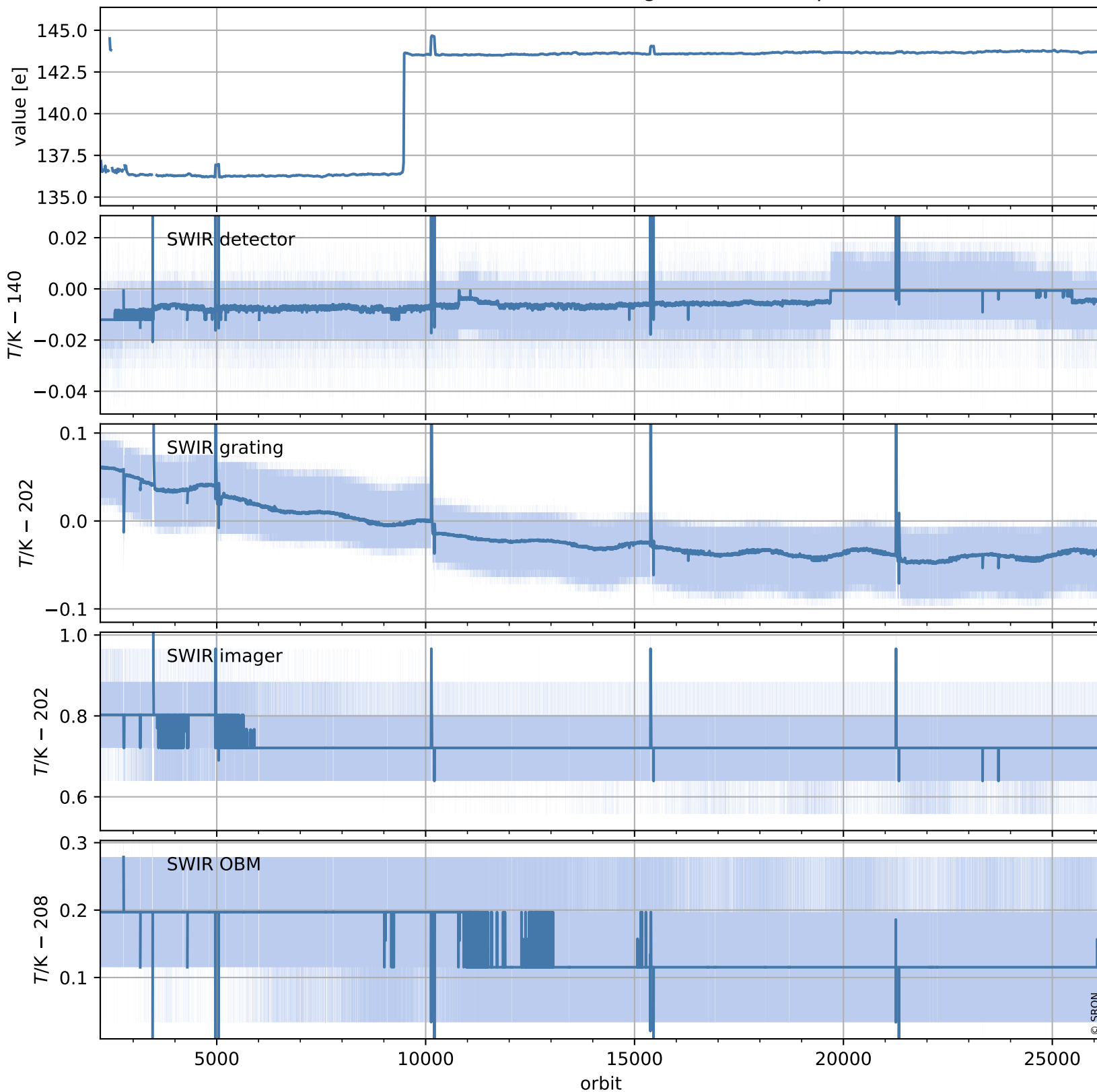
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26182]
coverage : 2018-03-18 / 2022-11-01
created : 2023-08-21T16:47:28

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26182]
coverage : 2018-03-18 / 2022-11-01
created : 2023-08-21T16:47:29

trend of normalized read-noise & temperatures

