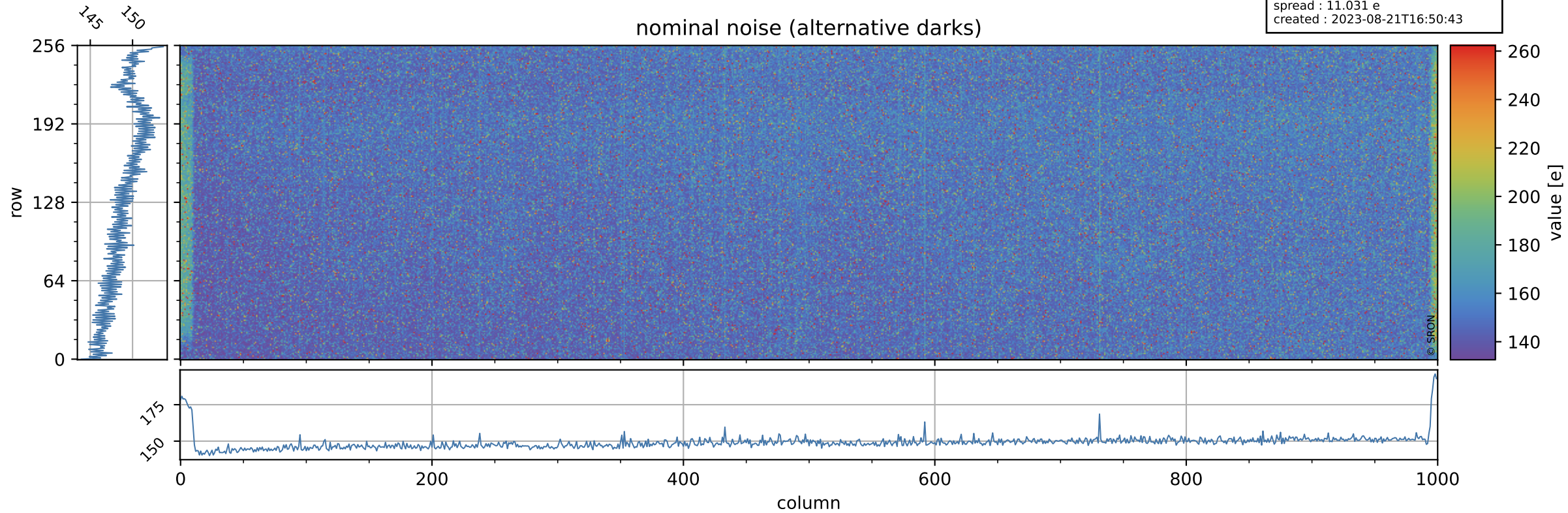


Tropomi SWIR background noise (swir)

orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11.031 e
created : 2023-08-21T16:50:43

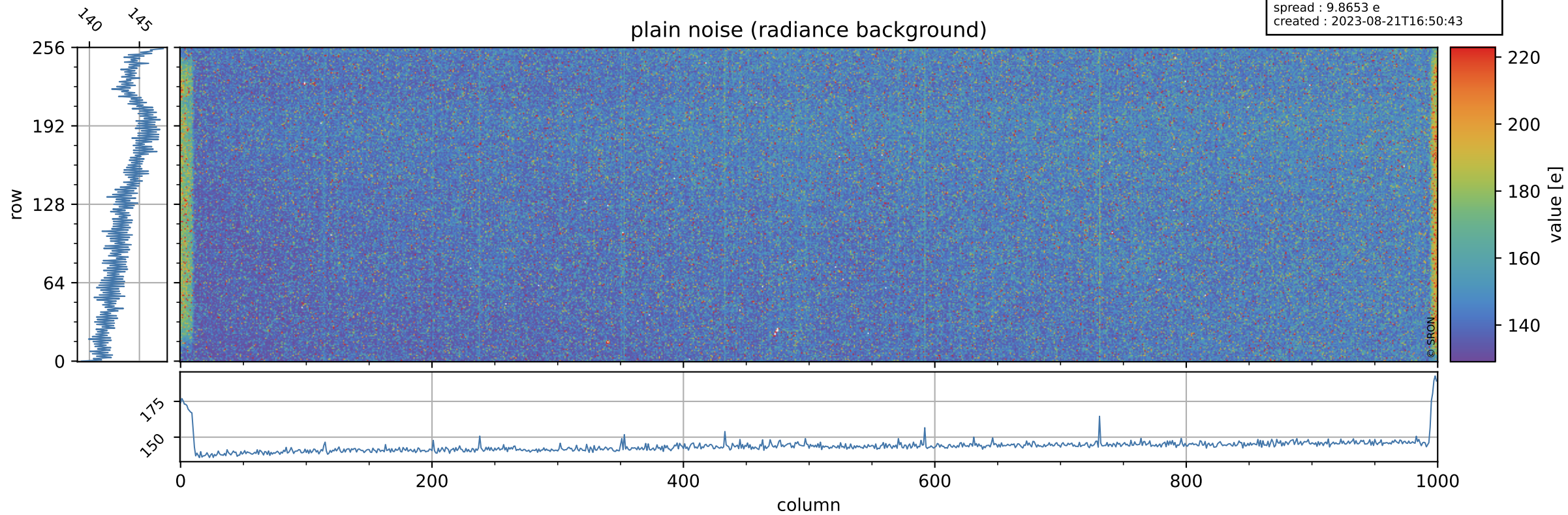
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
n_coad, t_exp : 1, 0.8383
median : 143.55 e
spread : 9.8653 e
created : 2023-08-21T16:50:43

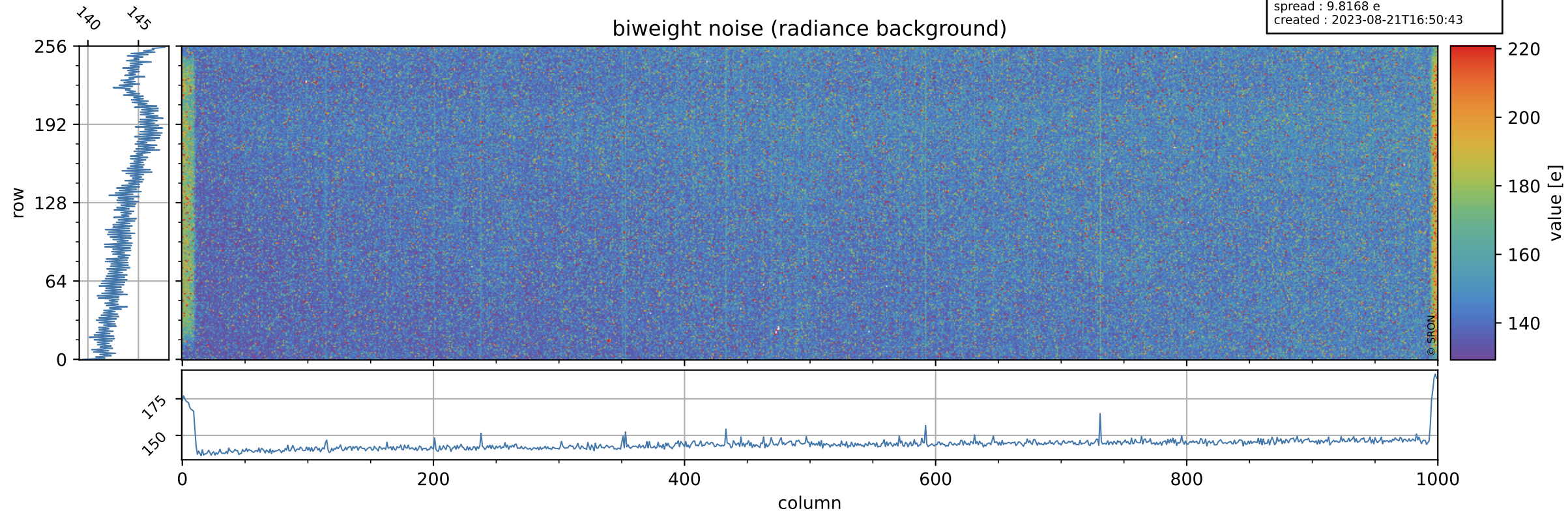
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
n_coad, t_exp : 1, 0.8383
median : 143.88 e
spread : 9.8168 e
created : 2023-08-21T16:50:43

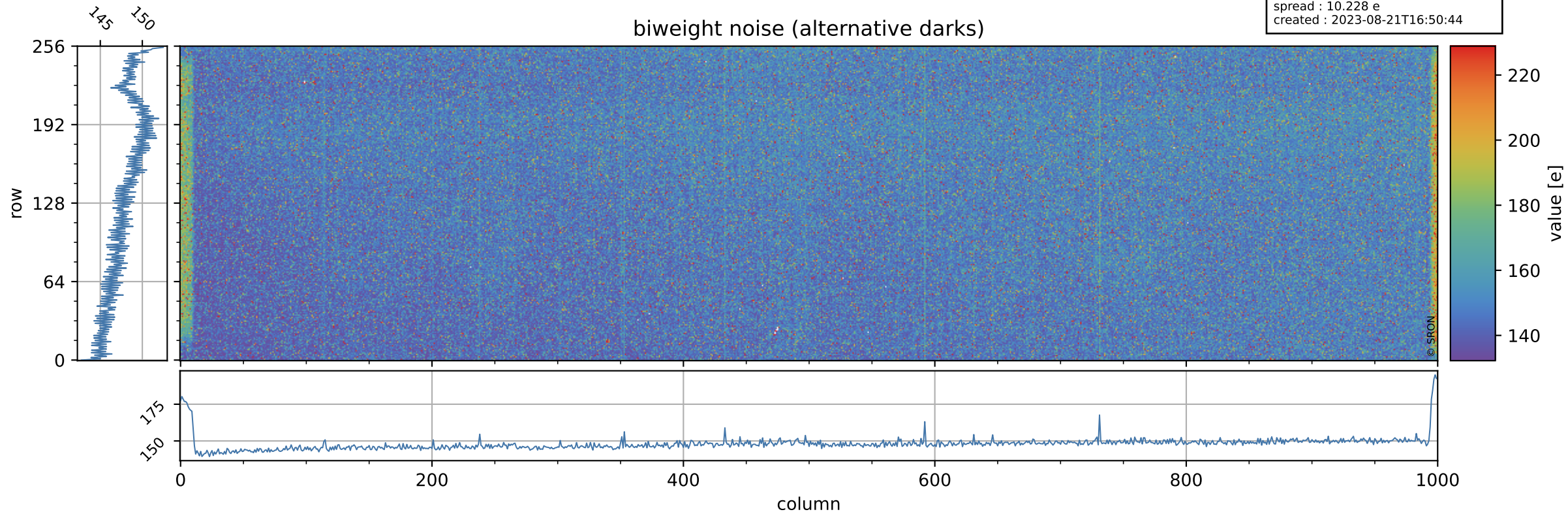
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
n_coad, t_exp : 1, 1.0783
median : 147.84 e
spread : 10.228 e
created : 2023-08-21T16:50:44

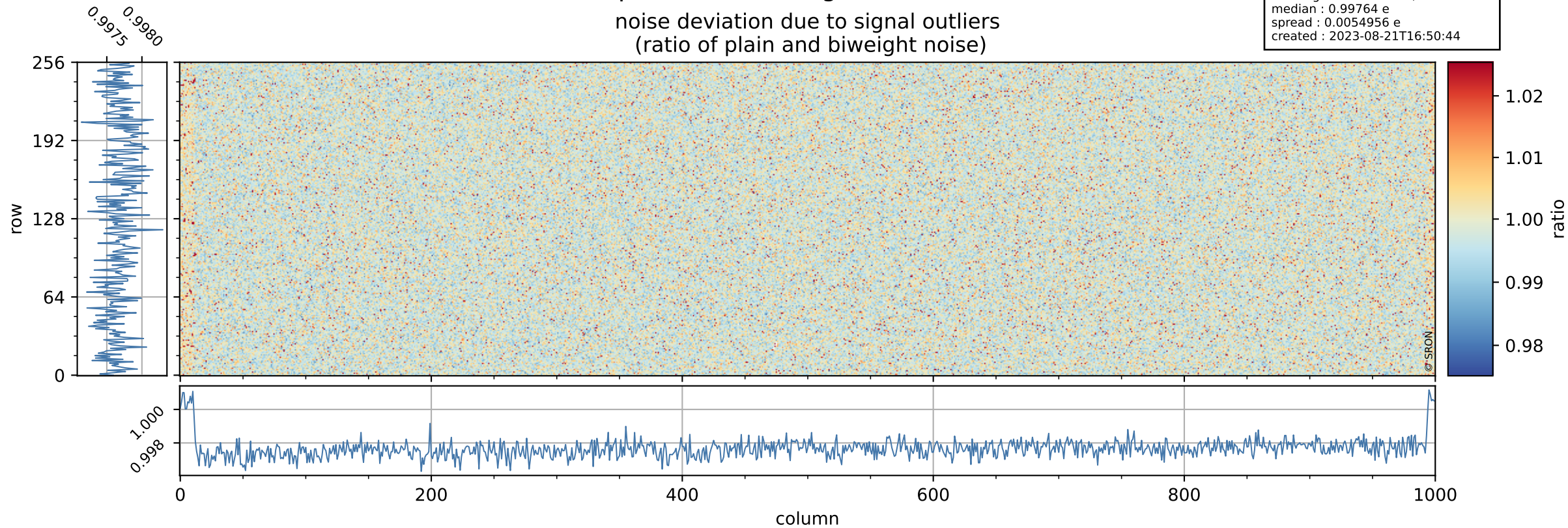
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

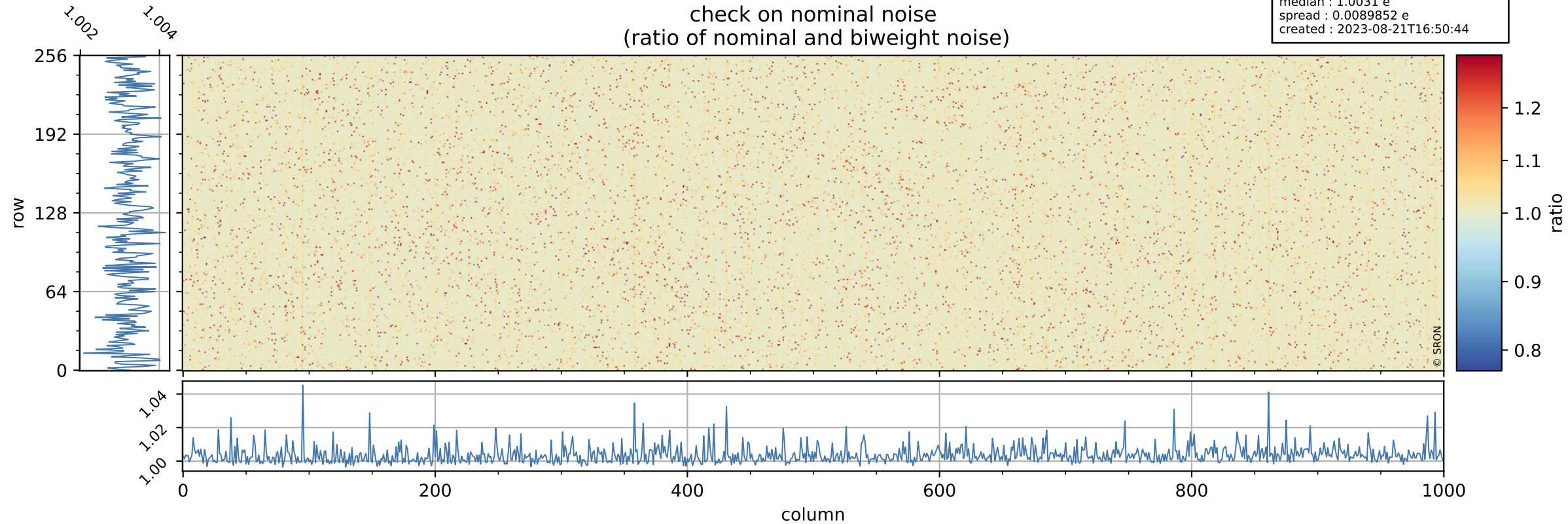
orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
median : 0.99764 e
spread : 0.0054956 e
created : 2023-08-21T16:50:44



Tropomi SWIR background noise (swir)

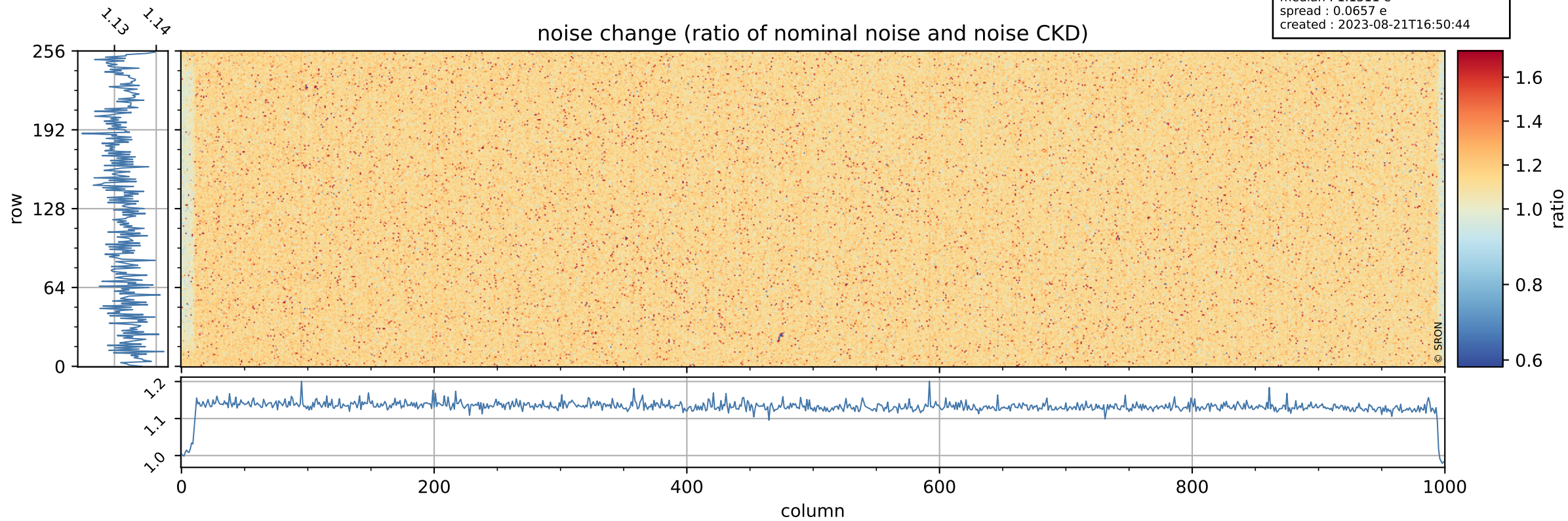
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
median : 1.0031 e
spread : 0.0089852 e
created : 2023-08-21T16:50:44



Tropomi SWIR background noise (swir)

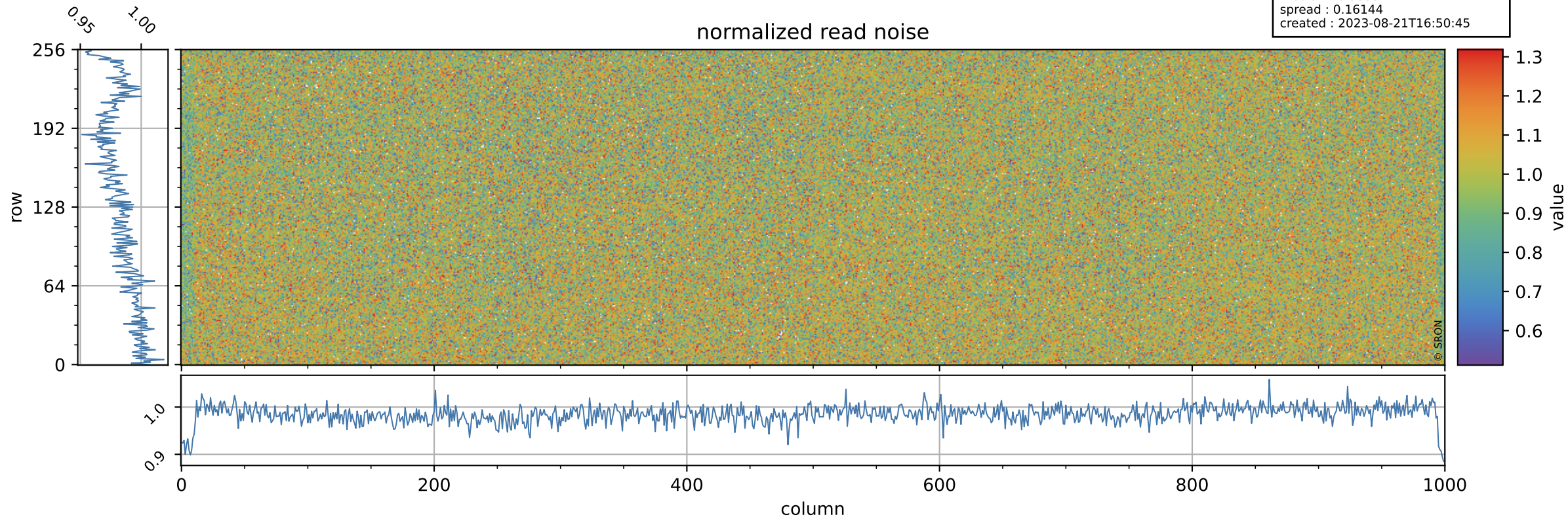
orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
median : 1.1311 e
spread : 0.0657 e
created : 2023-08-21T16:50:44



Tropomi SWIR background noise (swir)

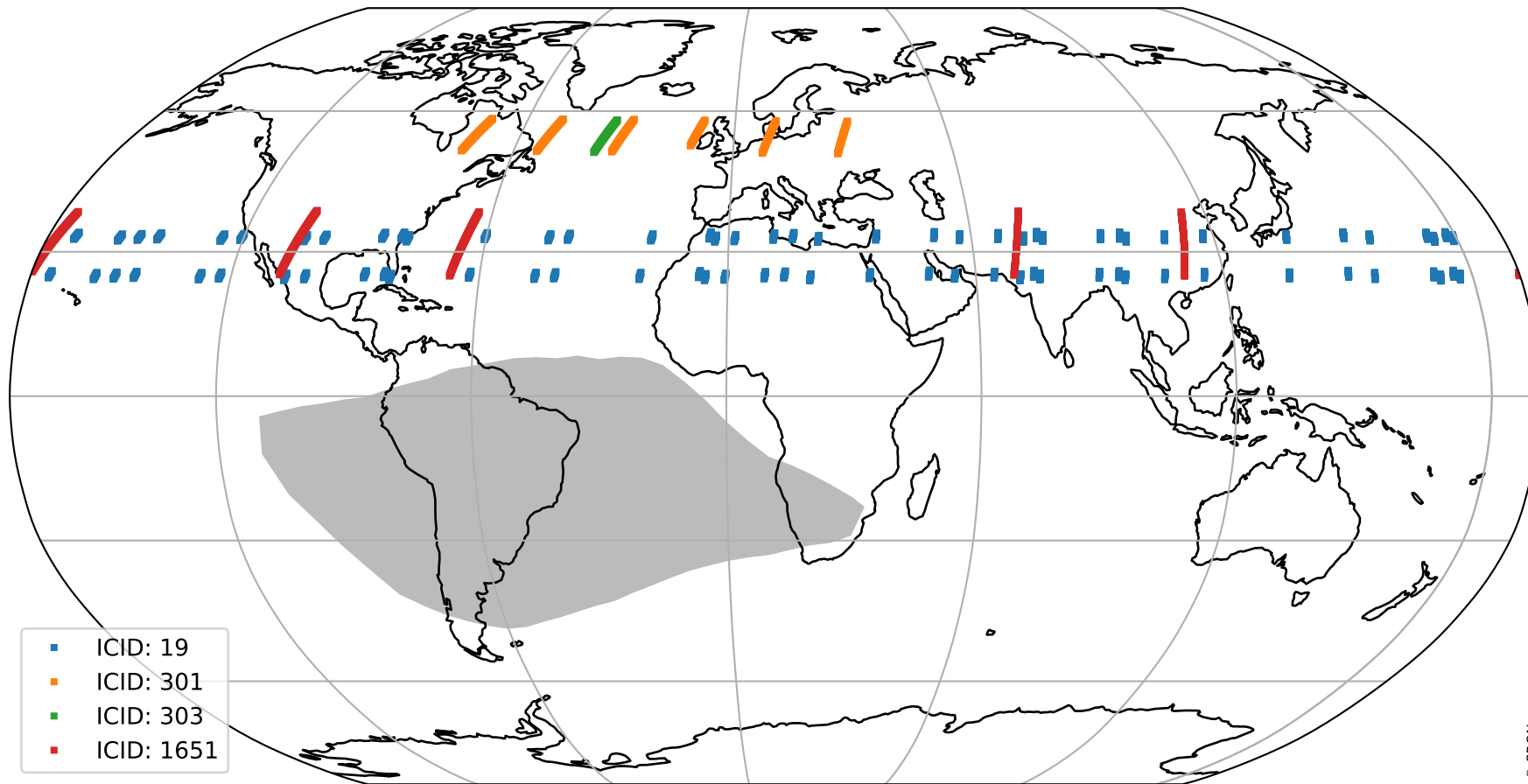
orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
median : 0.9833
spread : 0.16144
created : 2023-08-21T16:50:45

normalized read noise



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

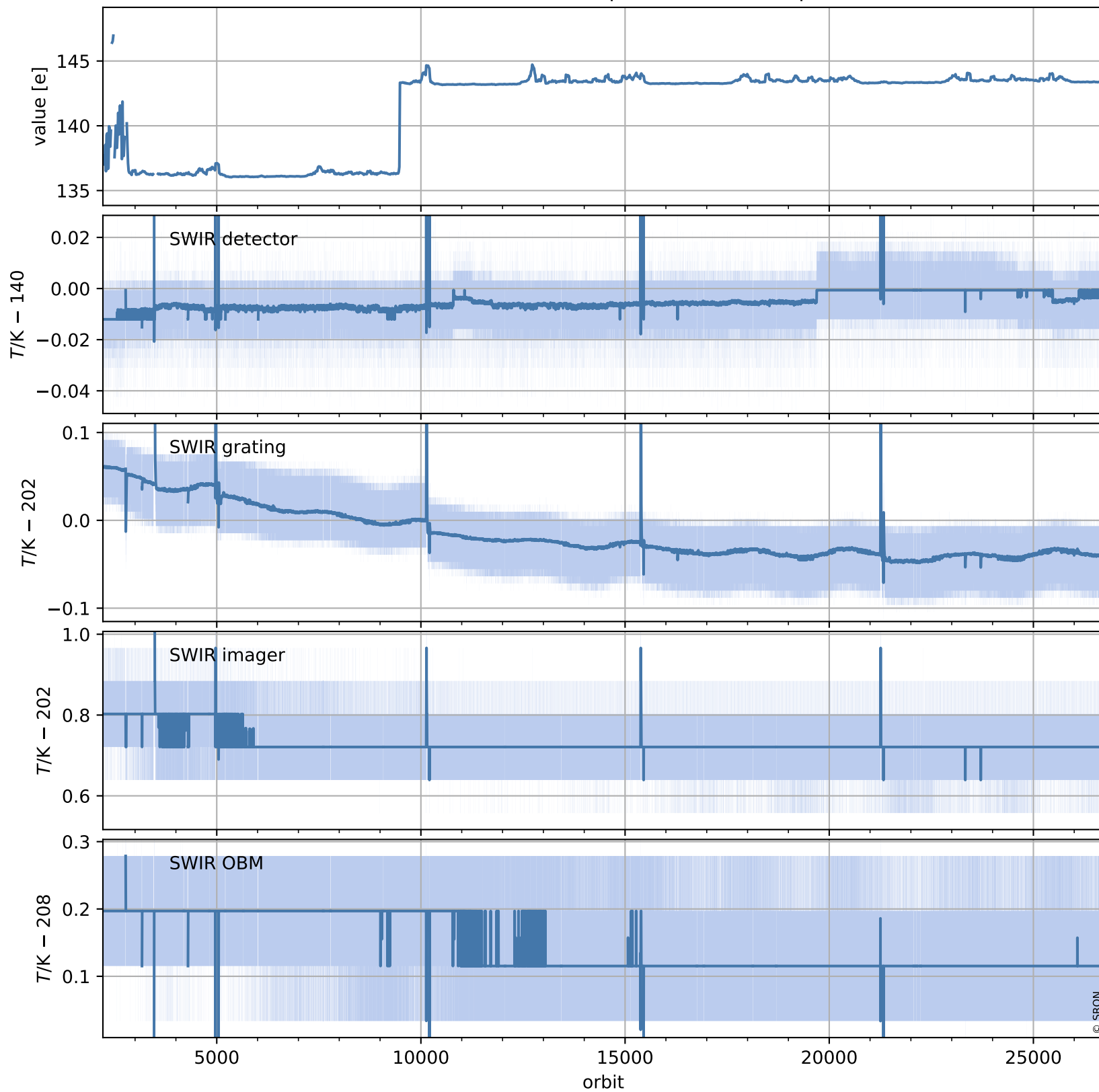
orbits : 12 in [26632, 26722]
coverage : 2022-12-03 / 2022-12-09
created : 2023-08-21T16:50:45



Tropomi SWIR background noise (swir)

orbits : [2212, 26722]
coverage : 2018-03-18 / 2022-12-09
created : 2023-08-21T16:50:46

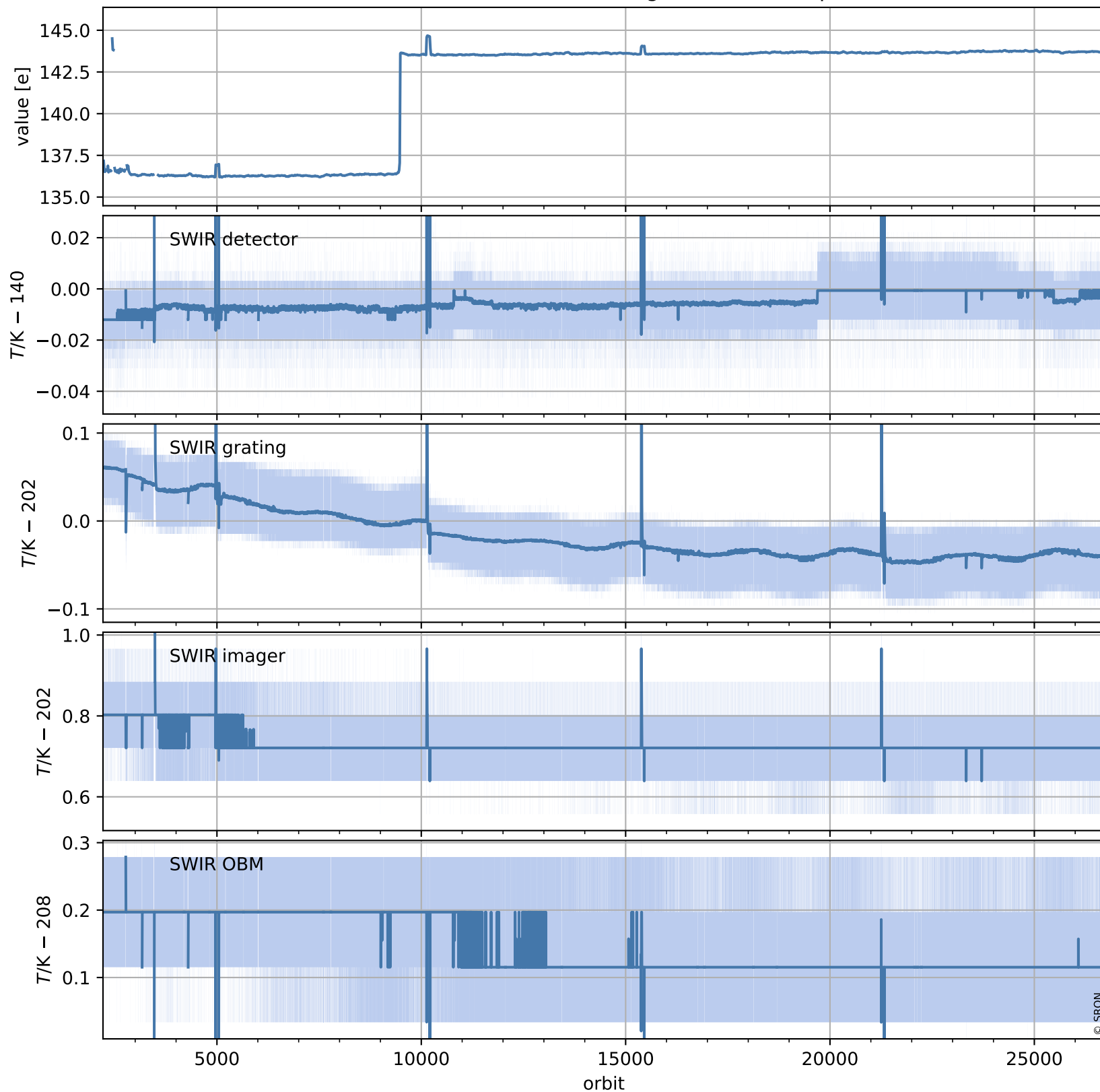
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26722]
coverage : 2018-03-18 / 2022-12-09
created : 2023-08-21T16:50:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26722]
coverage : 2018-03-18 / 2022-12-09
created : 2023-08-21T16:50:47

trend of normalized read-noise & temperatures

