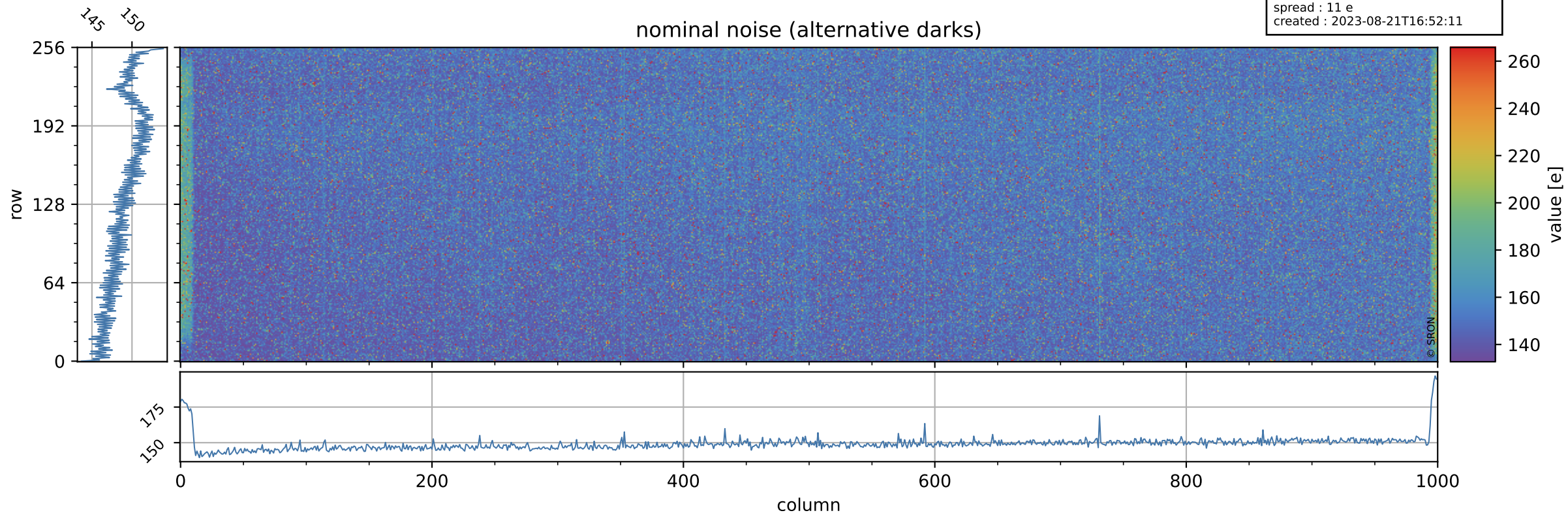


Tropomi SWIR background noise (swir)

orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
n_coad, t_exp : 1, 1.0783
median : 148.89 e
spread : 11 e
created : 2023-08-21T16:52:11

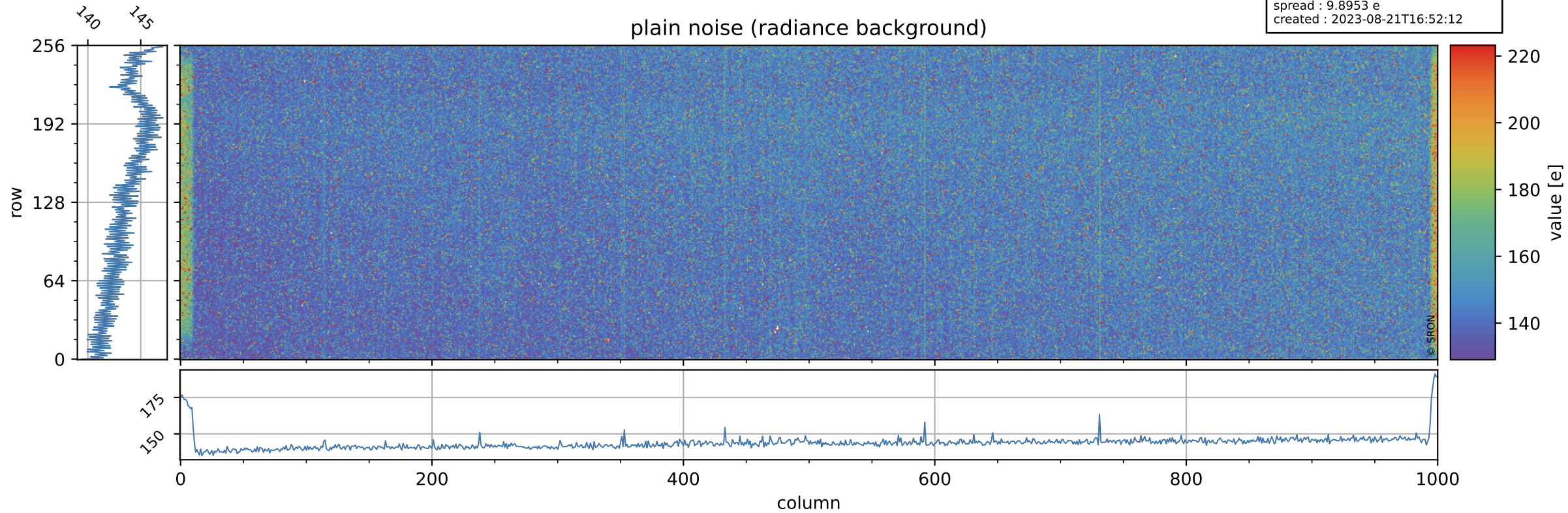
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
n_coad, t_exp : 1, 0.8383
median : 143.53 e
spread : 9.8953 e
created : 2023-08-21T16:52:12

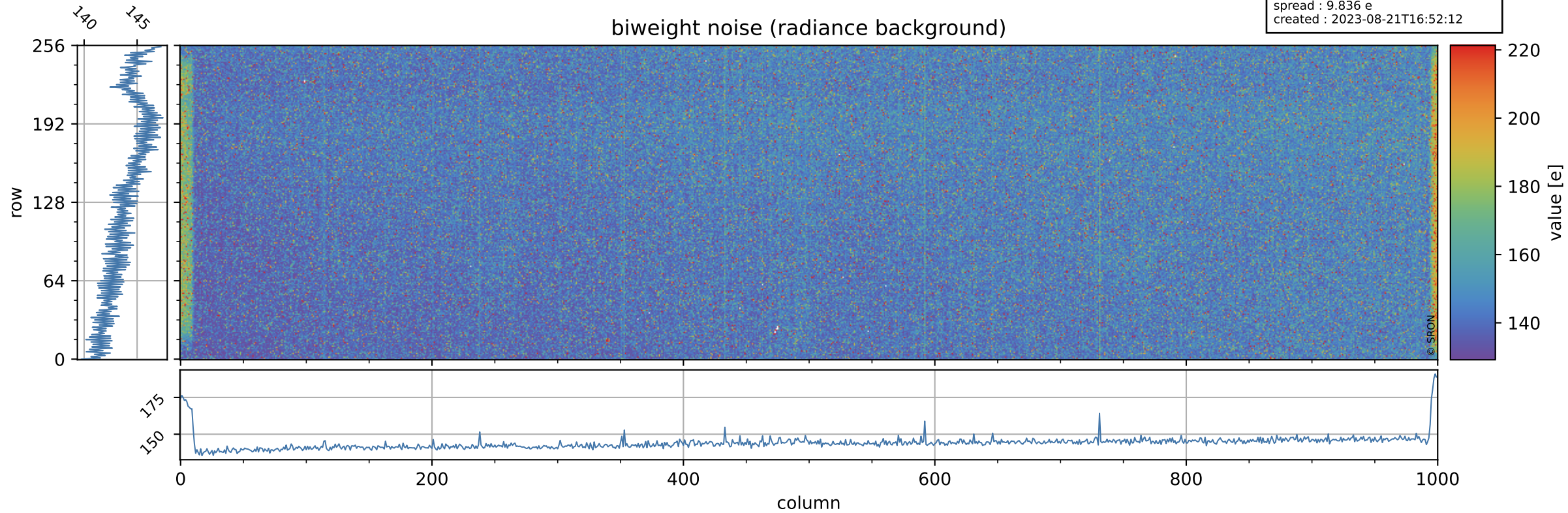
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
n_coad, t_exp : 1, 0.8383
median : 143.86 e
spread : 9.836 e
created : 2023-08-21T16:52:12

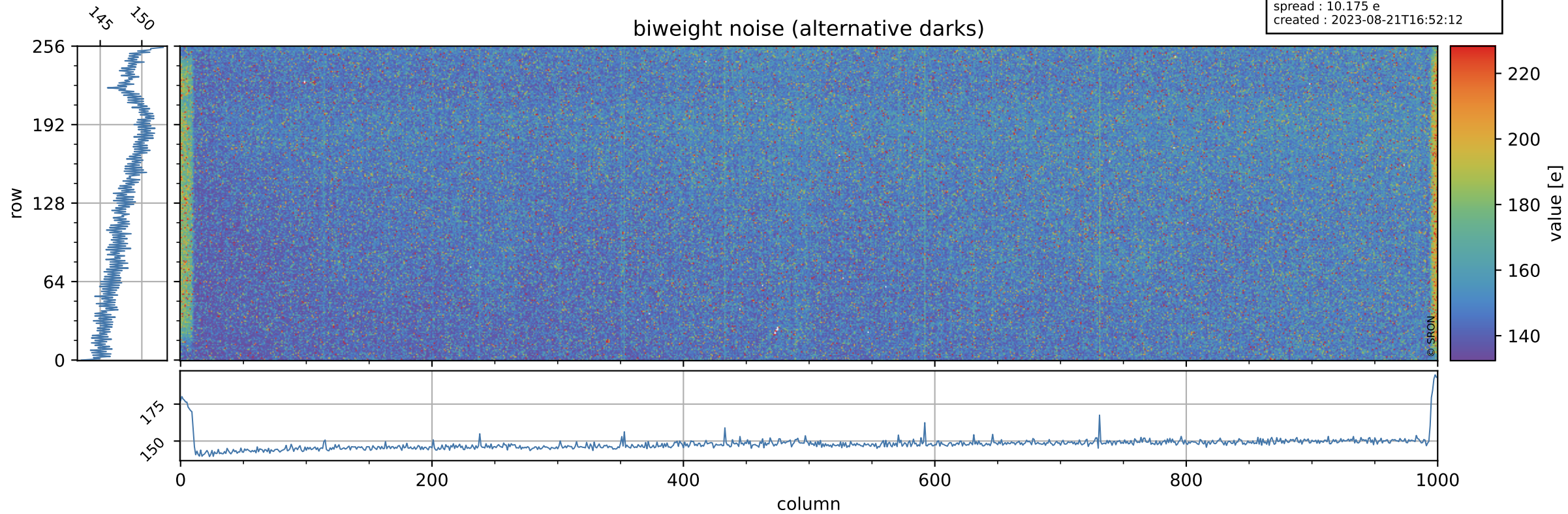
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 10.175 e
created : 2023-08-21T16:52:12

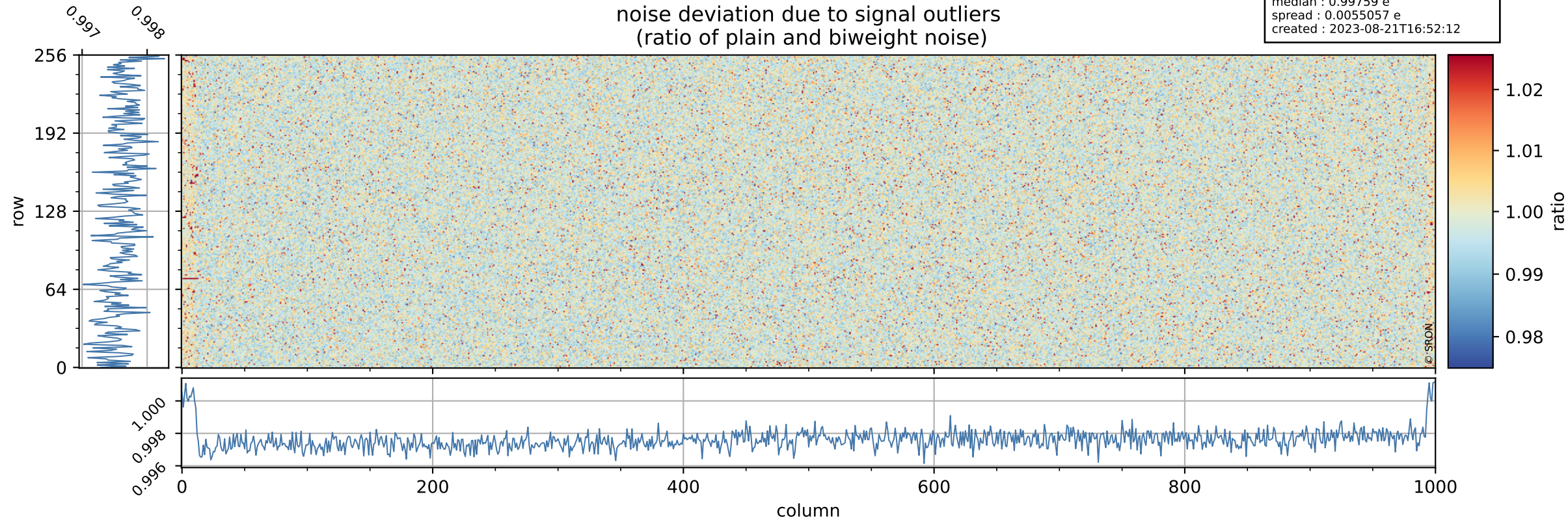
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

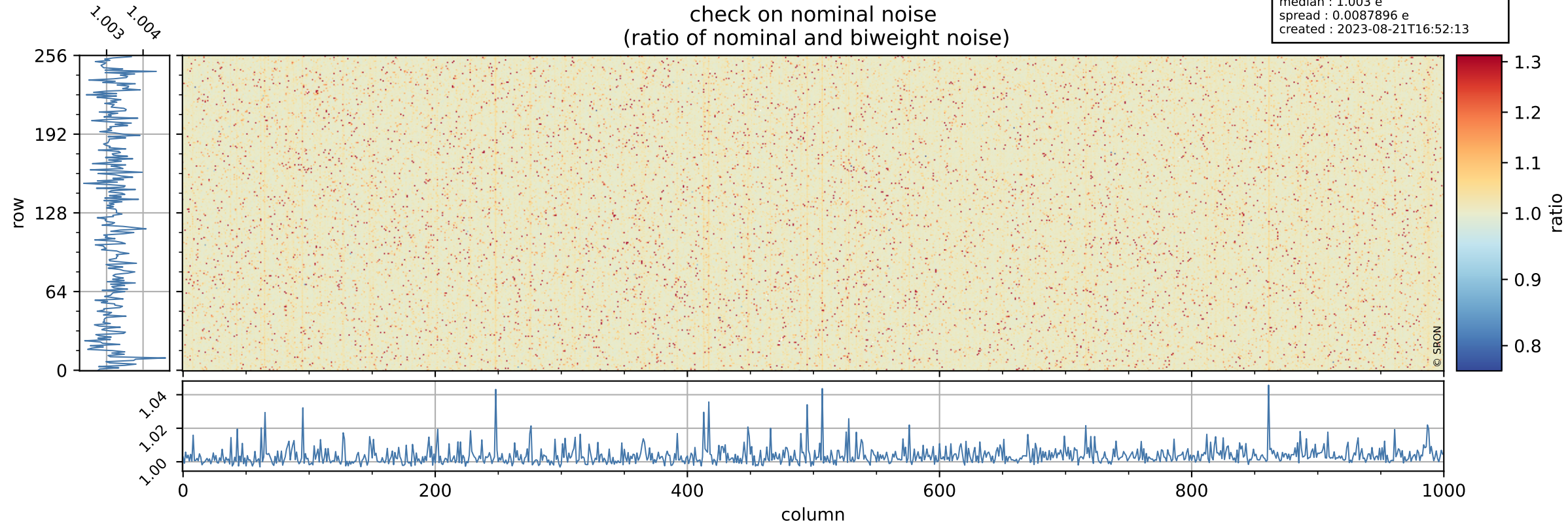
orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
median : 0.99759 e
spread : 0.0055057 e
created : 2023-08-21T16:52:12



Tropomi SWIR background noise (swir)

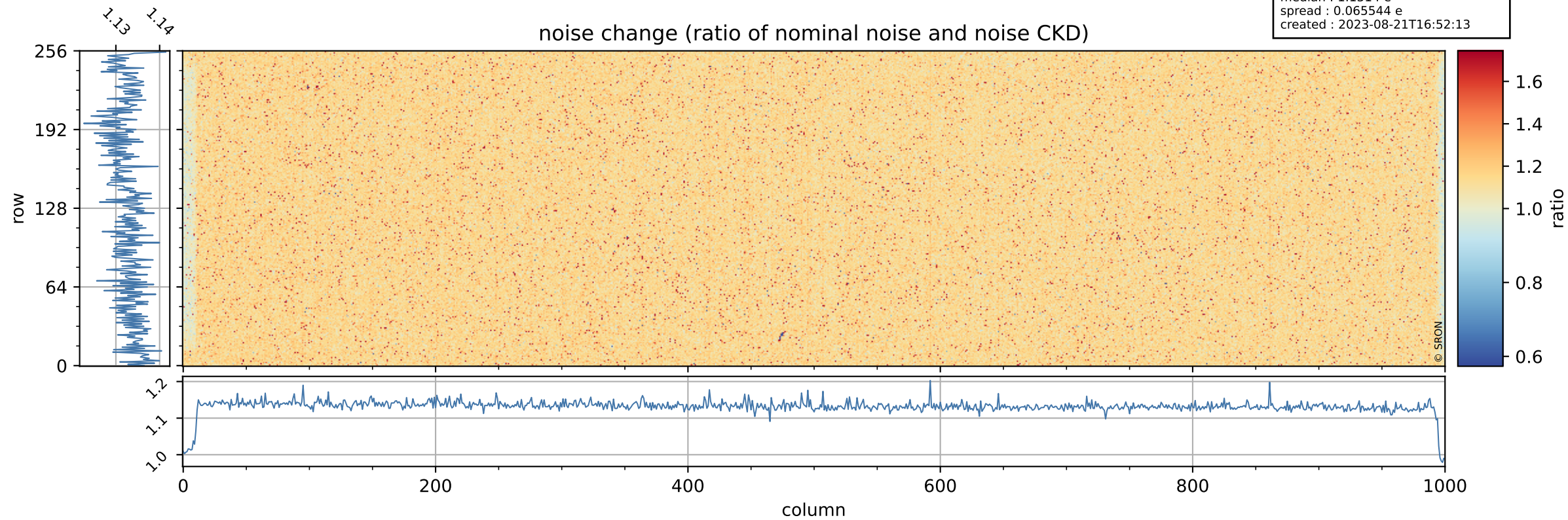
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
median : 1.003 e
spread : 0.0087896 e
created : 2023-08-21T16:52:13



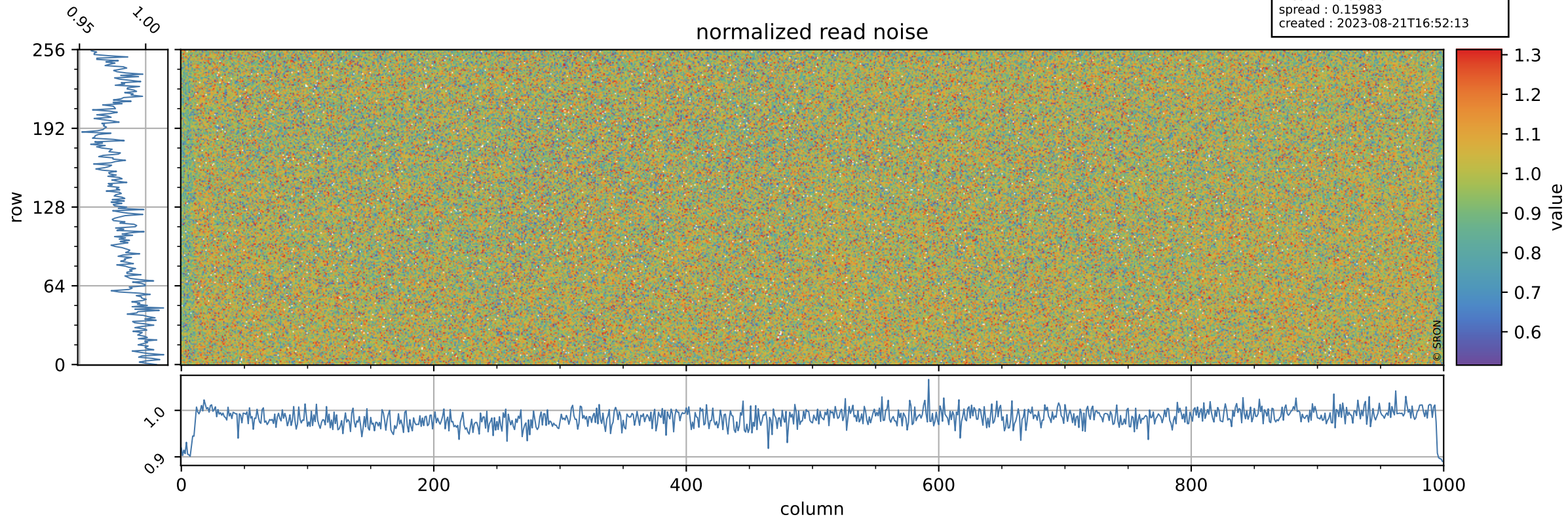
Tropomi SWIR background noise (swir)

orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
median : 1.1314 e
spread : 0.065544 e
created : 2023-08-21T16:52:13



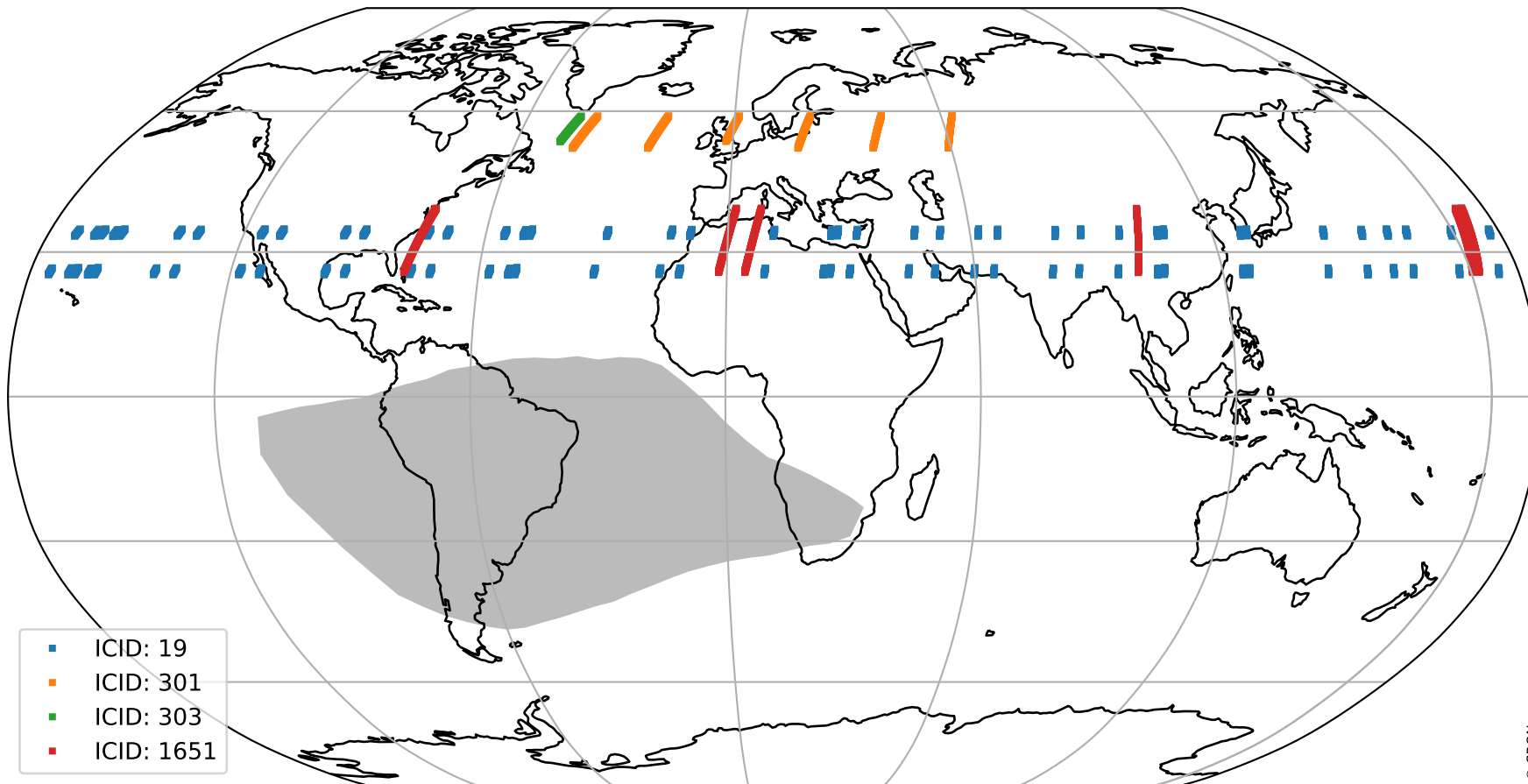
Tropomi SWIR background noise (swir)

orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
median : 0.98236
spread : 0.15983
created : 2023-08-21T16:52:13



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

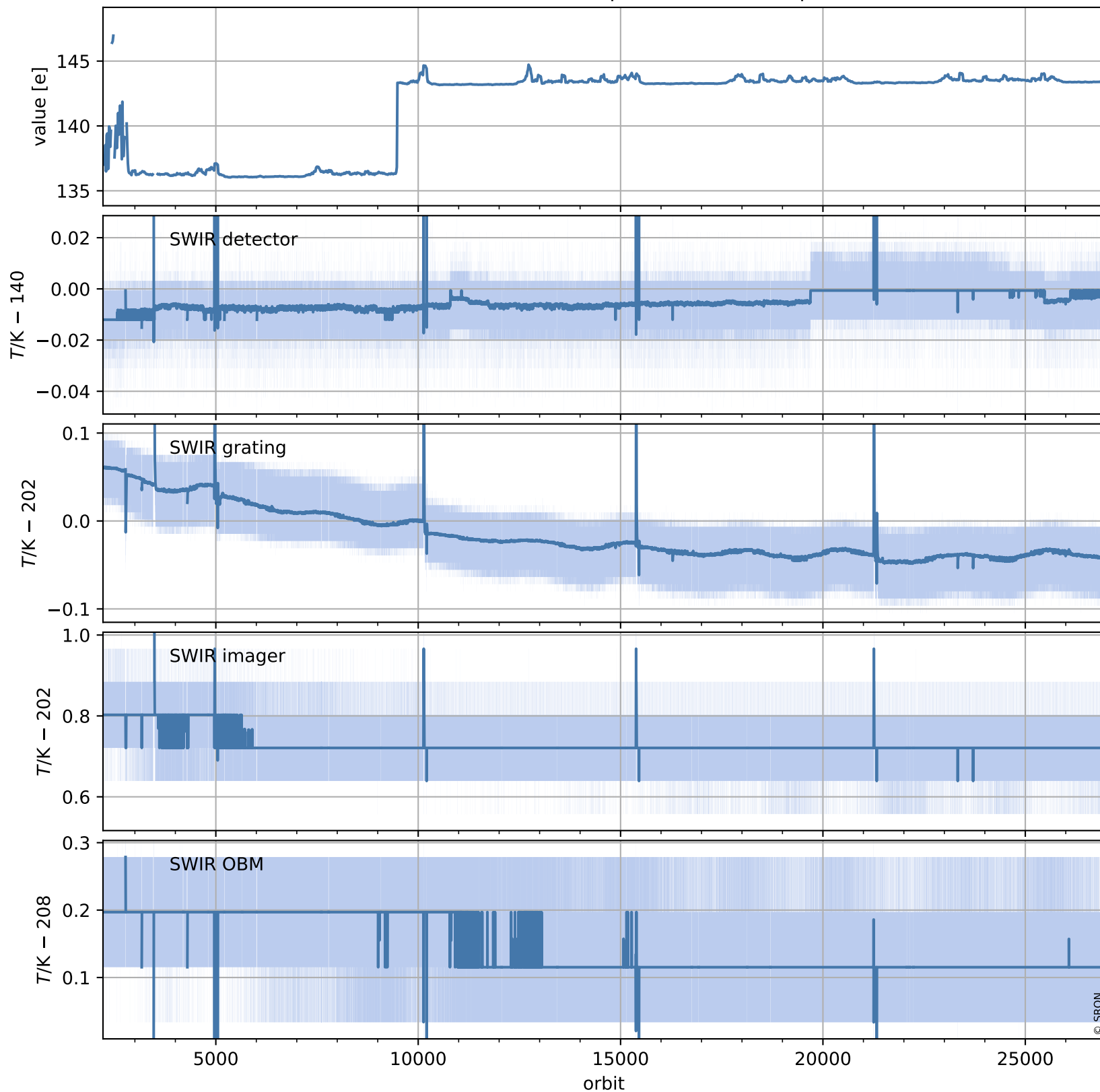
orbits : 13 in [26872, 26962]
coverage : 2022-12-20 / 2022-12-26
created : 2023-08-21T16:52:14



Tropomi SWIR background noise (swir)

orbits : [2212, 26962]
coverage : 2018-03-18 / 2022-12-26
created : 2023-08-21T16:52:14

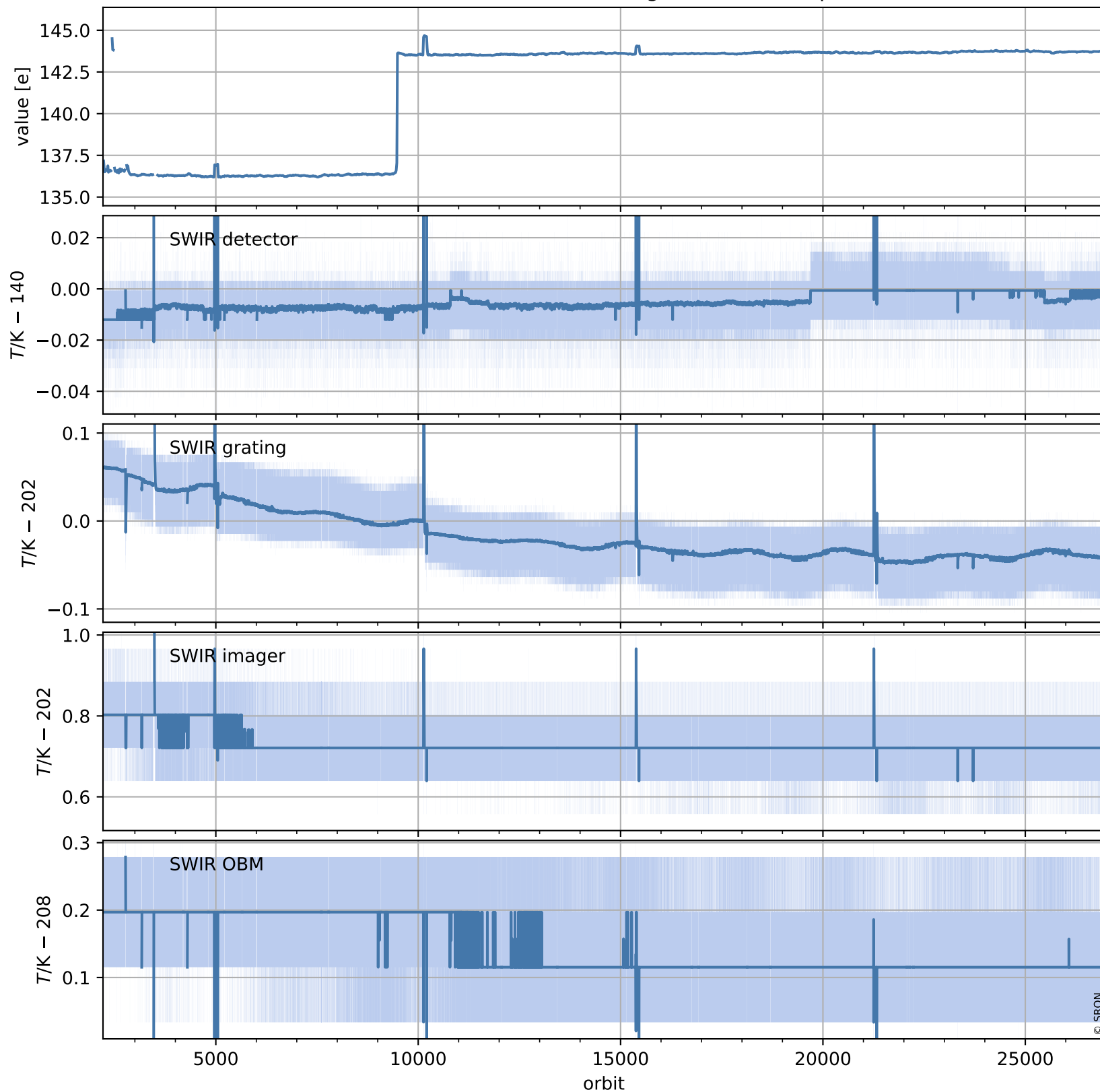
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26962]
coverage : 2018-03-18 / 2022-12-26
created : 2023-08-21T16:52:15

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 26962]
coverage : 2018-03-18 / 2022-12-26
created : 2023-08-21T16:52:16

trend of normalized read-noise & temperatures

