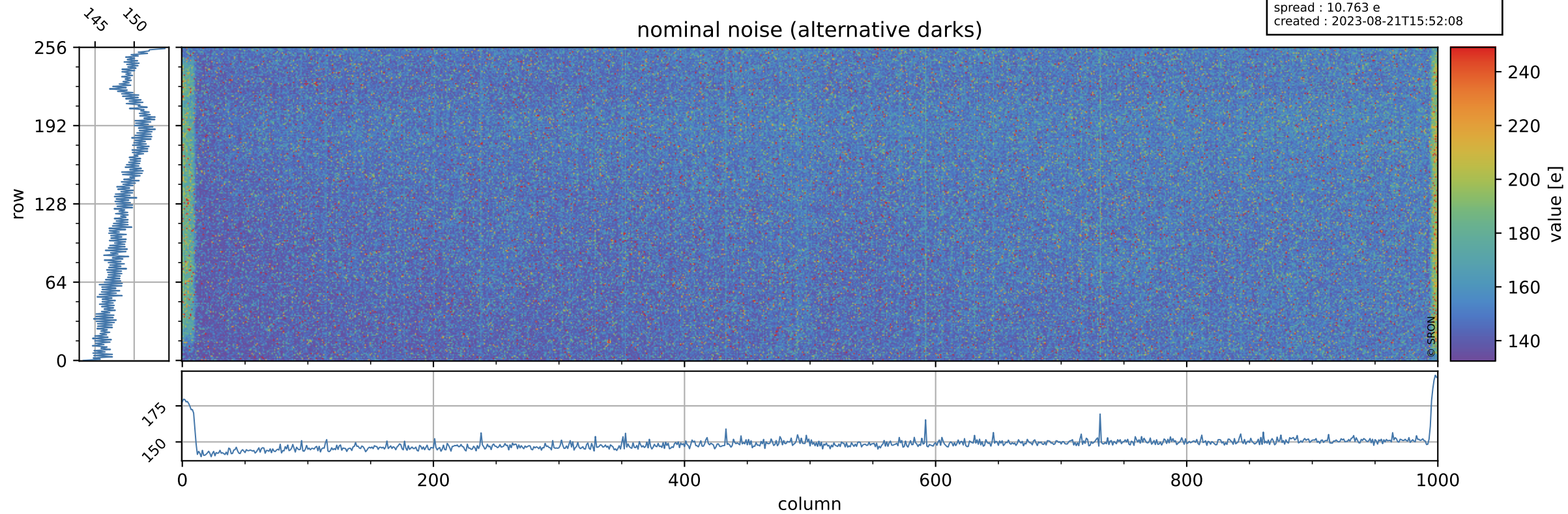


Tropomi SWIR background noise (swir)

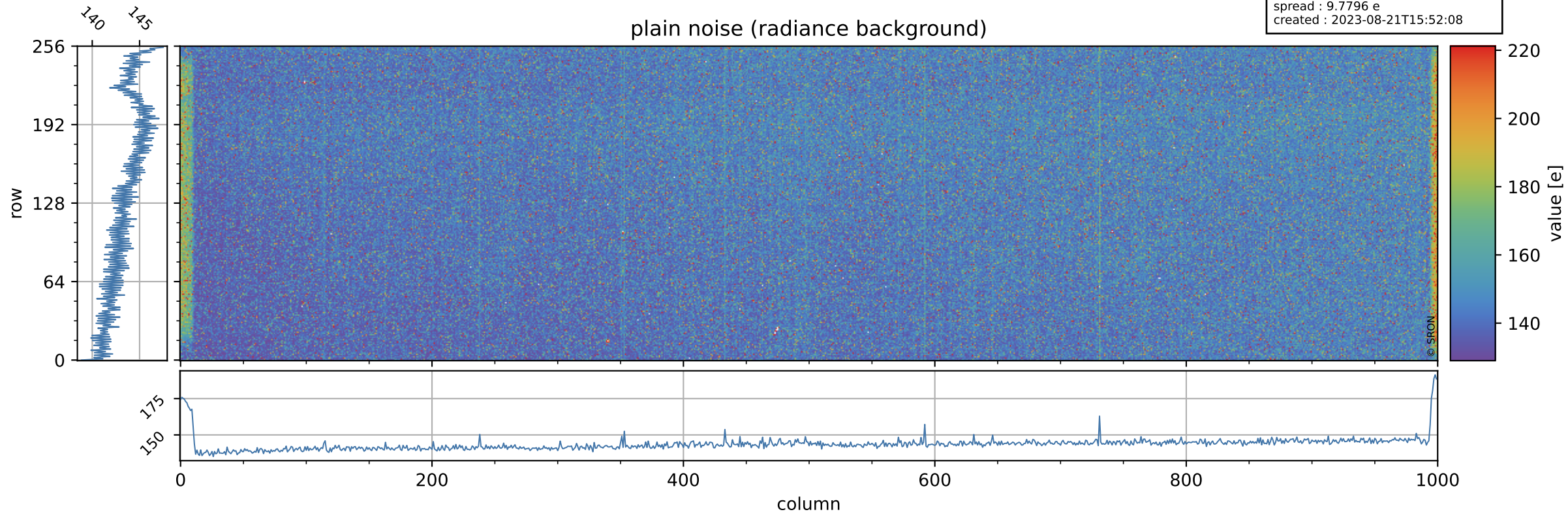
orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
n_coad, t_exp : 1, 1.0783
median : 148.61 e
spread : 10.763 e
created : 2023-08-21T15:52:08



Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
n_coad, t_exp : 1, 0.8383
median : 143.42 e
spread : 9.7796 e
created : 2023-08-21T15:52:08

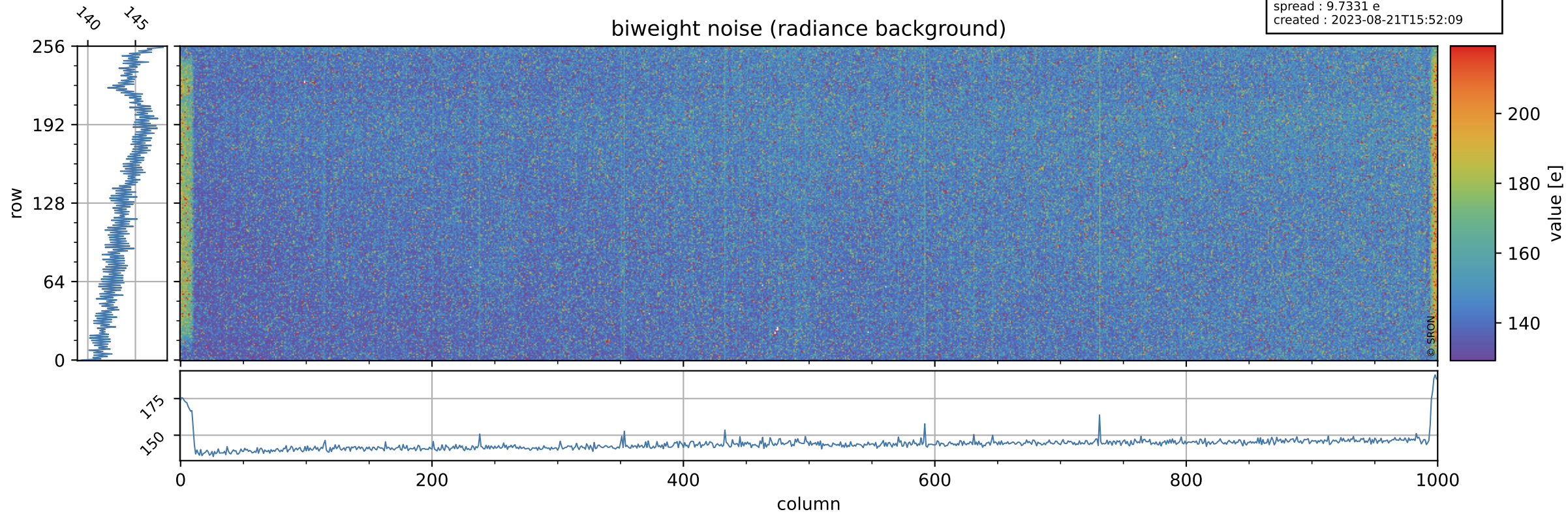
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7331 e
created : 2023-08-21T15:52:09

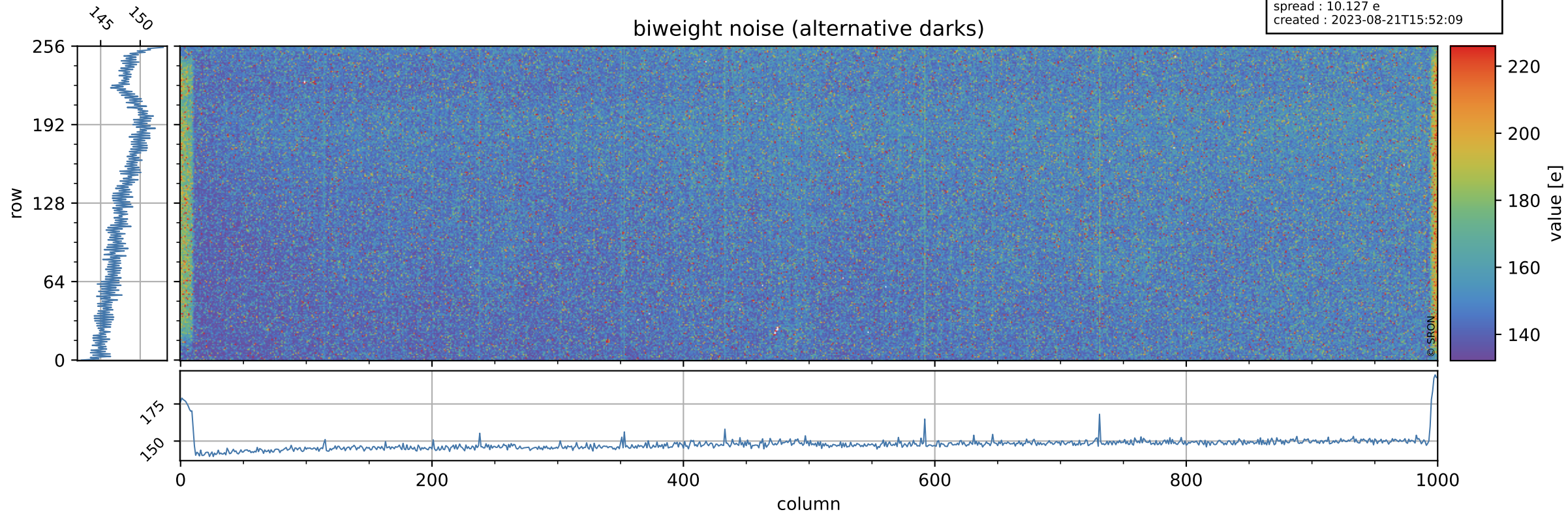
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.127 e
created : 2023-08-21T15:52:09

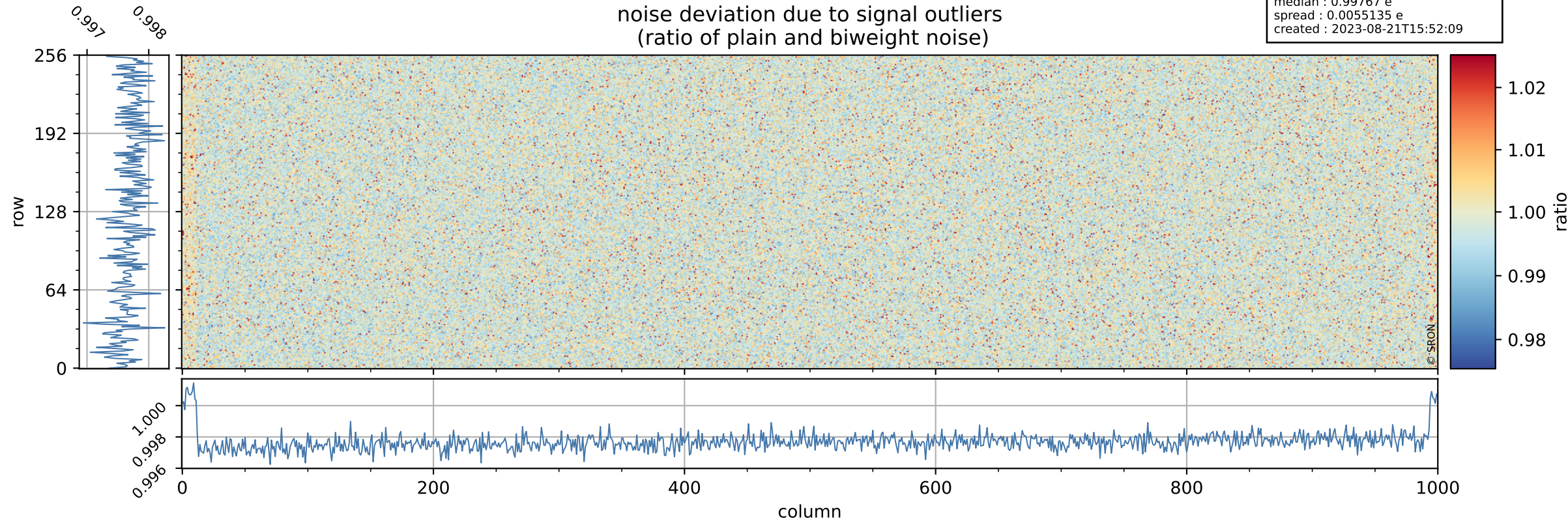
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

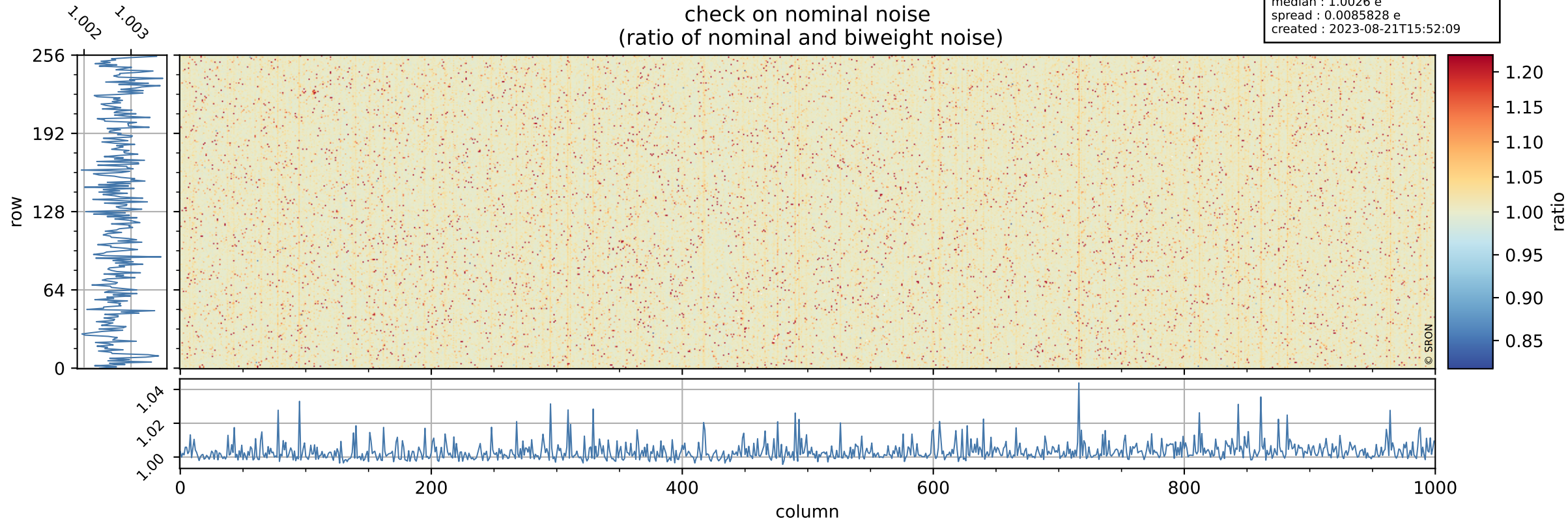
orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
median : 0.99767 e
spread : 0.0055135 e
created : 2023-08-21T15:52:09



Tropomi SWIR background noise (swir)

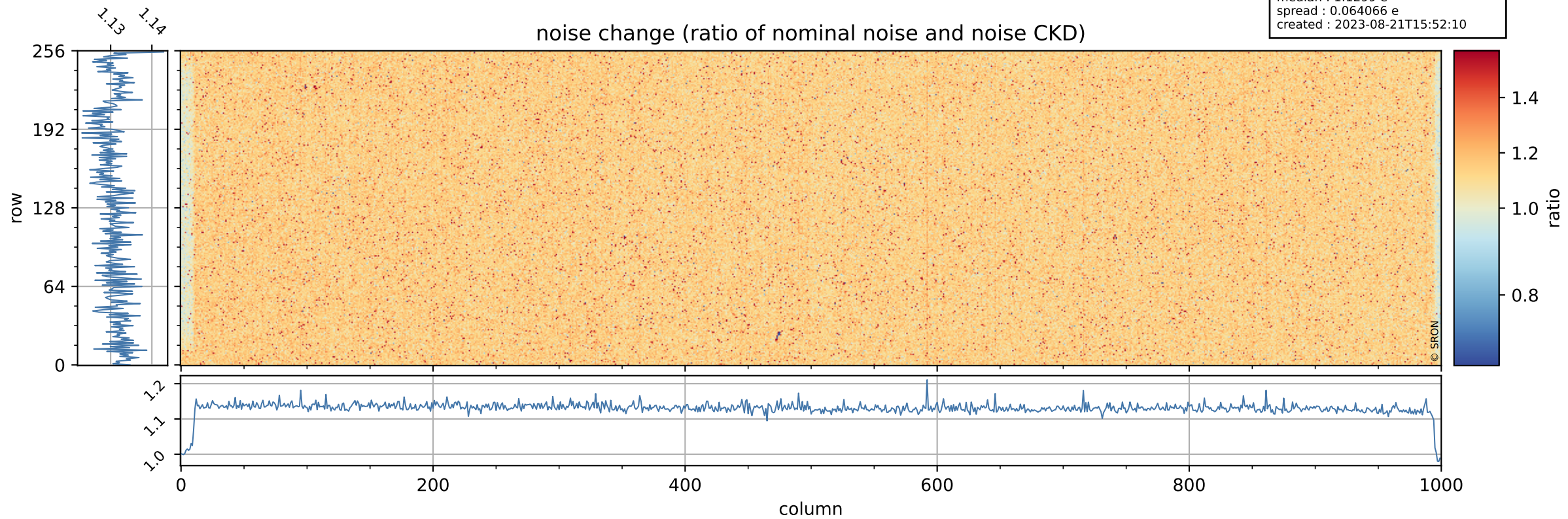
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
median : 1.0026 e
spread : 0.0085828 e
created : 2023-08-21T15:52:09



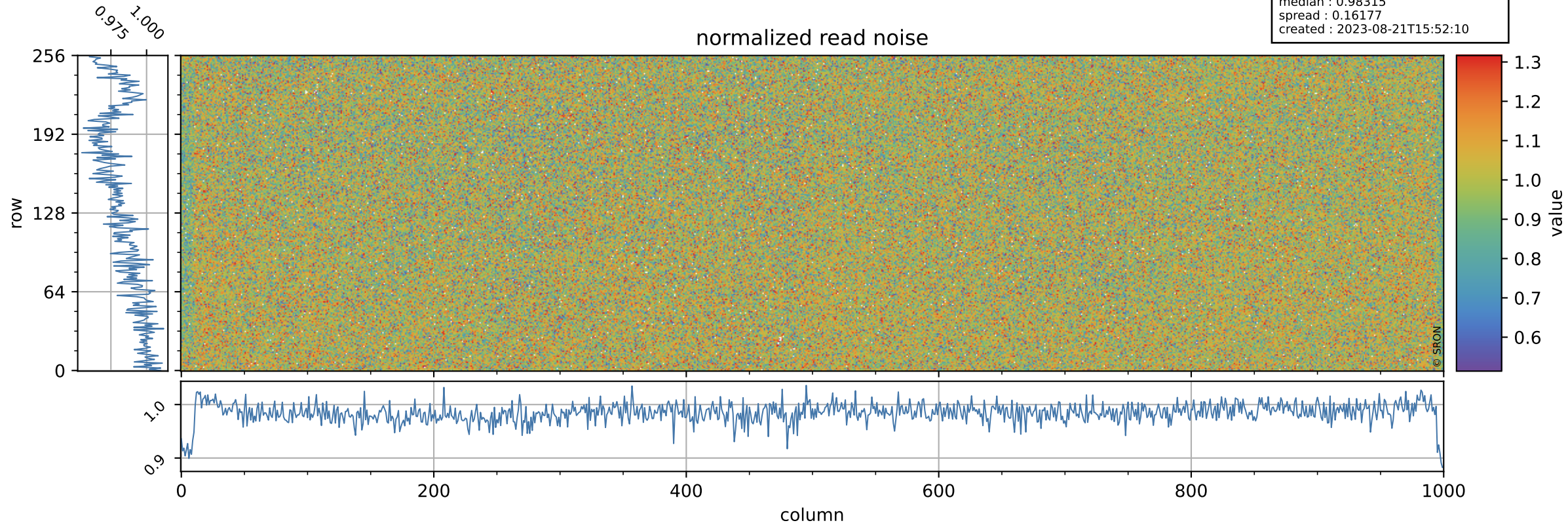
Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
median : 1.1299 e
spread : 0.064066 e
created : 2023-08-21T15:52:10



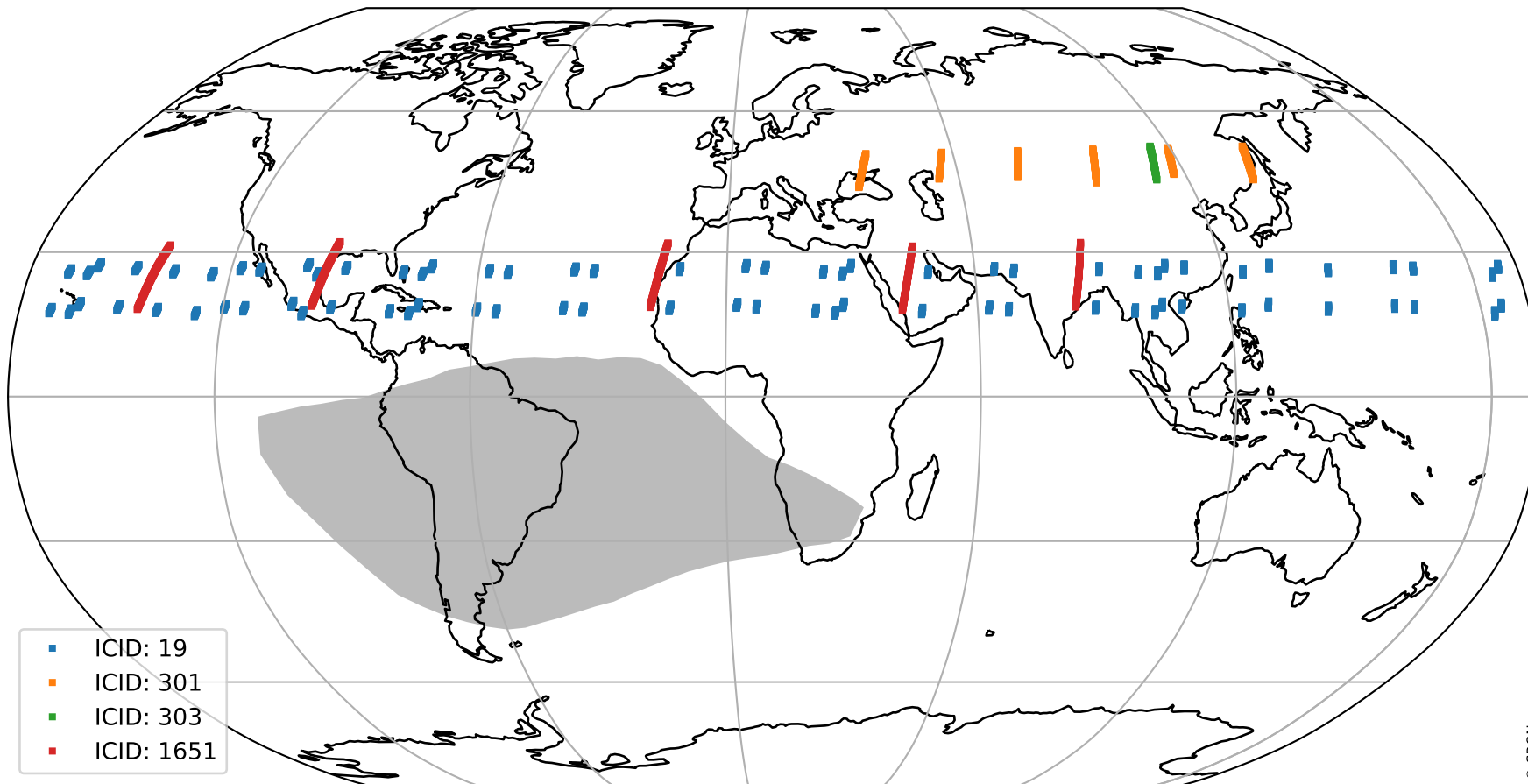
Tropomi SWIR background noise (swir)

orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
median : 0.98315
spread : 0.16177
created : 2023-08-21T15:52:10



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

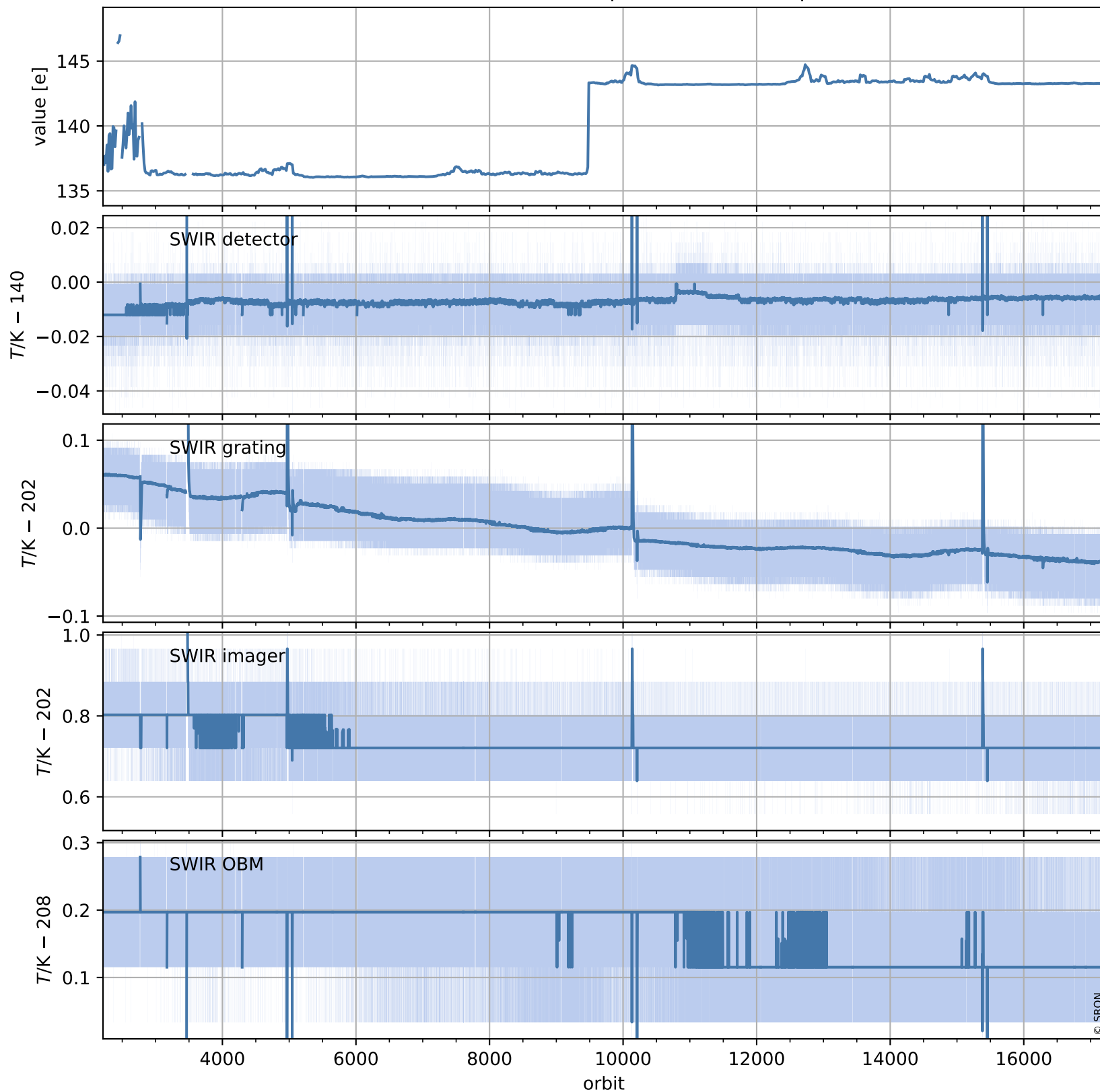
orbits : 12 in [17137, 17212]
coverage : 2021-02-01 / 2021-02-06
created : 2023-08-21T15:52:10



Tropomi SWIR background noise (swir)

orbits : [2212, 17212]
coverage : 2018-03-18 / 2021-02-06
created : 2023-08-21T15:52:11

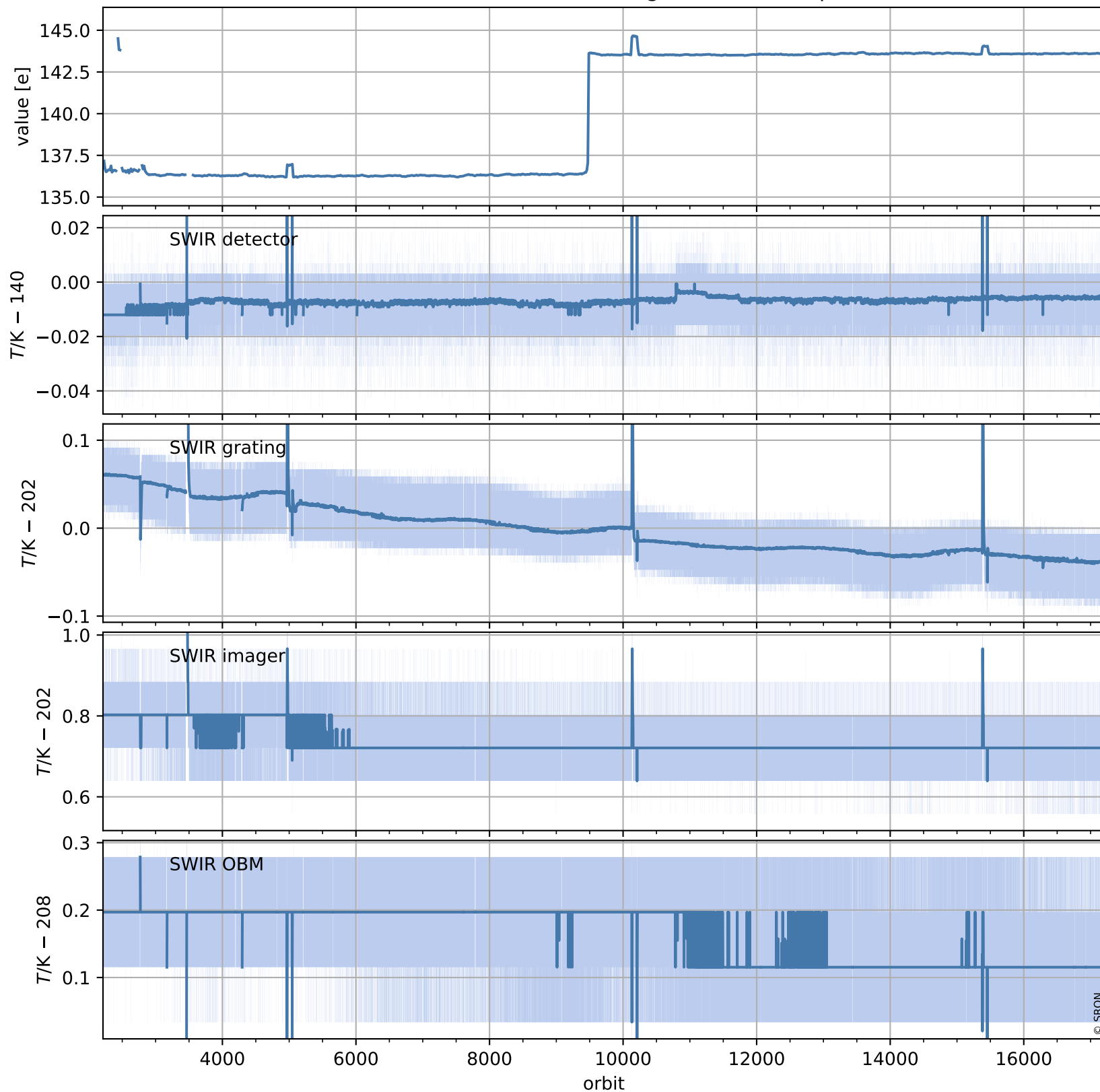
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17212]
coverage : 2018-03-18 / 2021-02-06
created : 2023-08-21T15:52:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 17212]
coverage : 2018-03-18 / 2021-02-06
created : 2023-08-21T15:52:12

trend of normalized read-noise & temperatures

