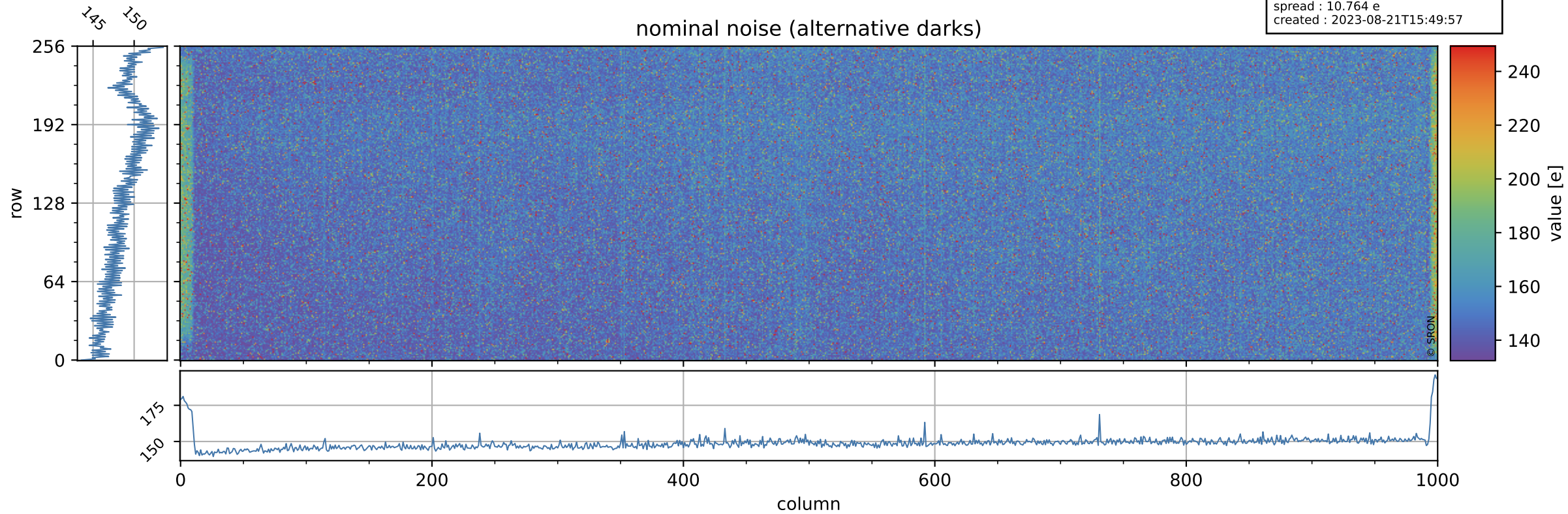


Tropomi SWIR background noise (swir)

orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
n_coad, t_exp : 1, 1.0783
median : 148.55 e
spread : 10.764 e
created : 2023-08-21T15:49:57

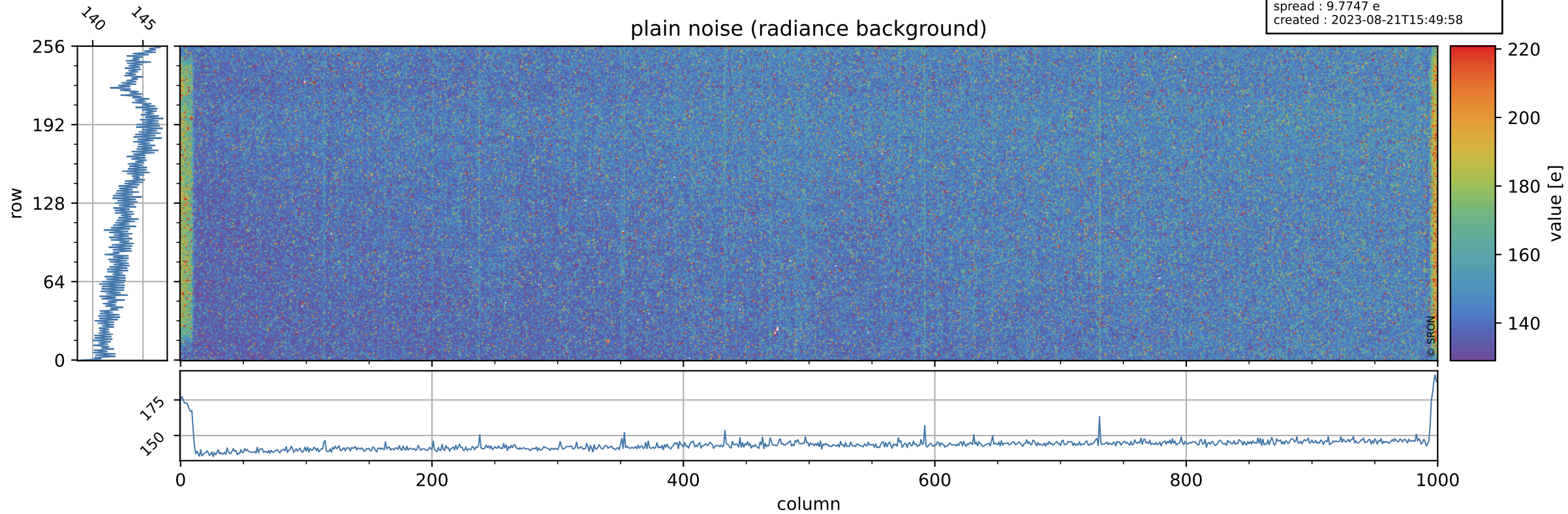
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
n_coad, t_exp : 1, 0.8383
median : 143.41 e
spread : 9.7747 e
created : 2023-08-21T15:49:58

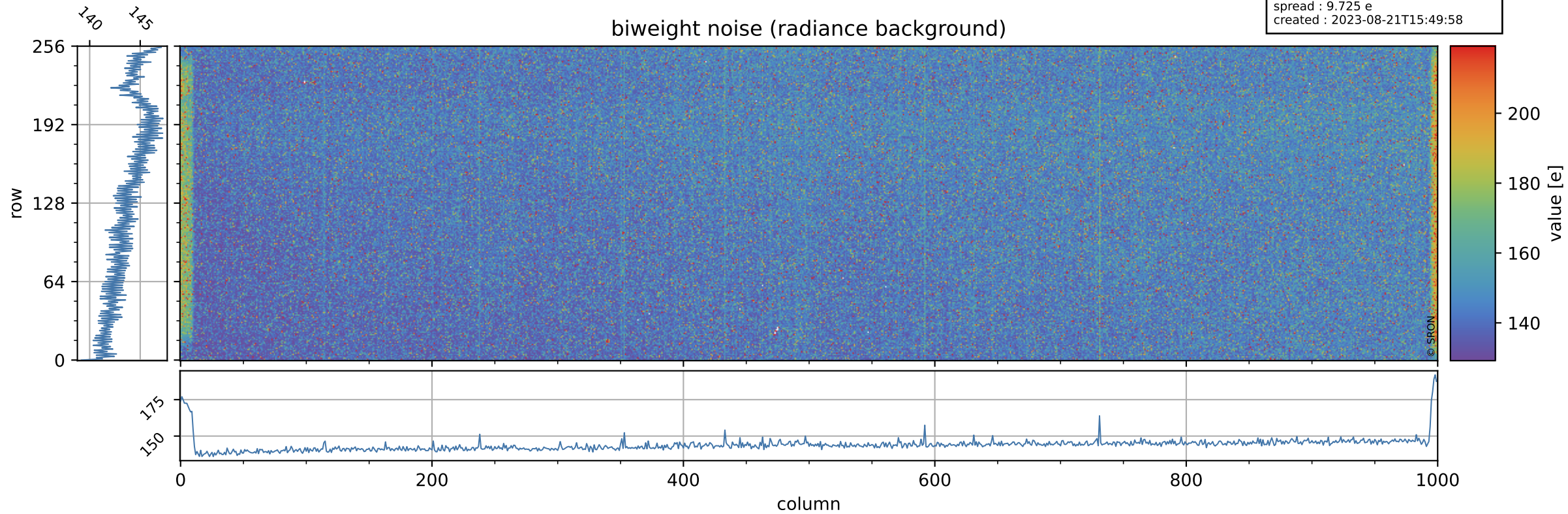
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.725 e
created : 2023-08-21T15:49:58

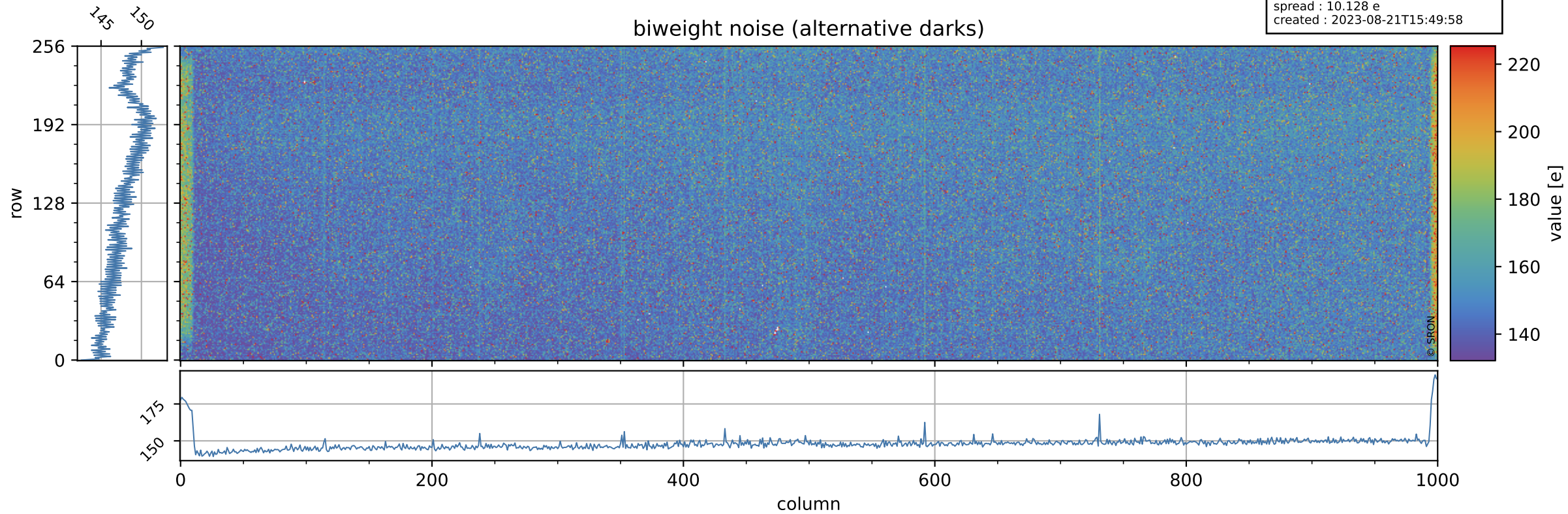
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
n_coad, t_exp : 1, 1.0783
median : 147.71 e
spread : 10.128 e
created : 2023-08-21T15:49:58

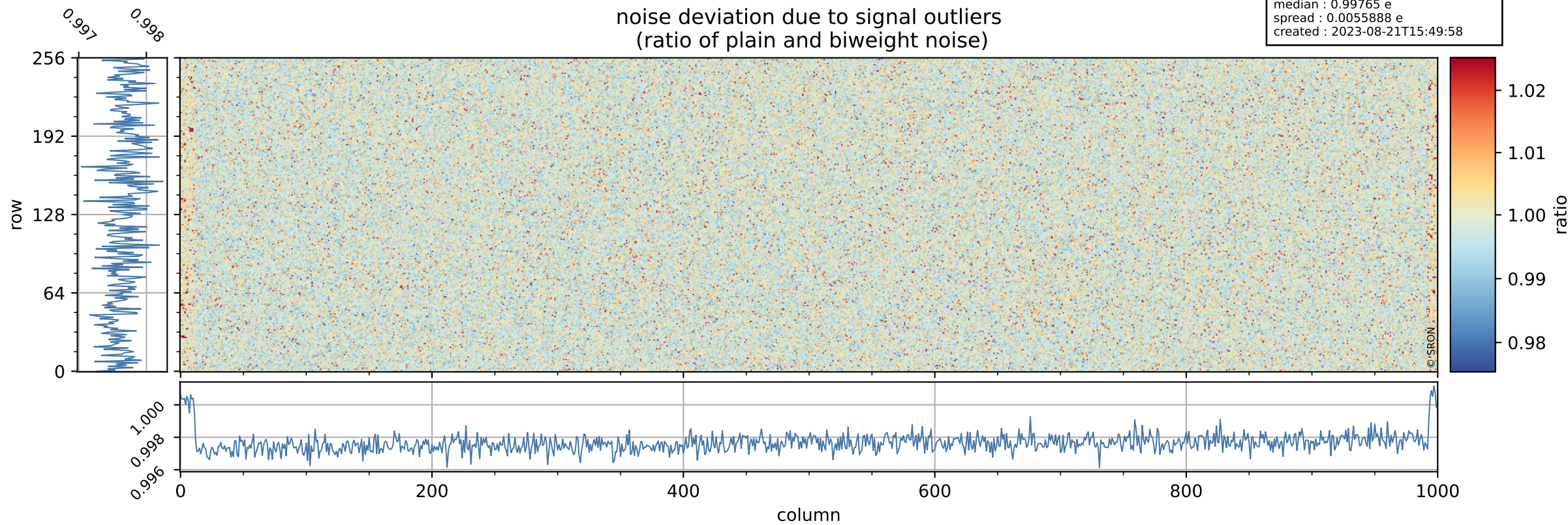
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

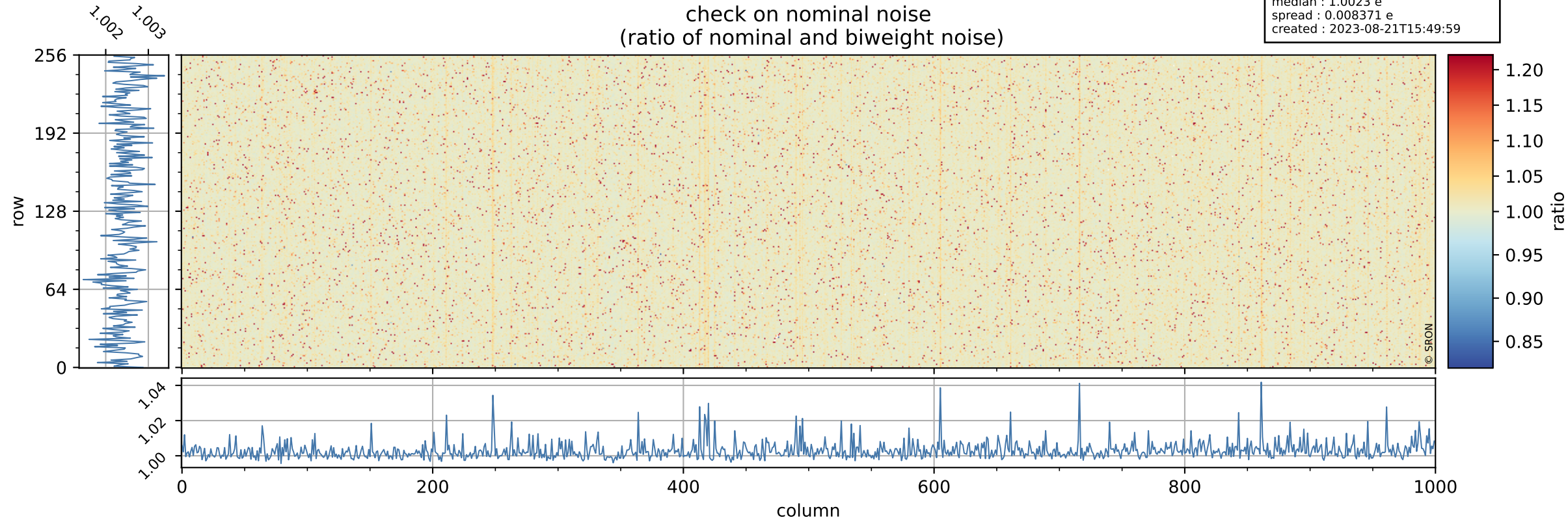
orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
median : 0.99765 e
spread : 0.0055888 e
created : 2023-08-21T15:49:58



Tropomi SWIR background noise (swir)

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

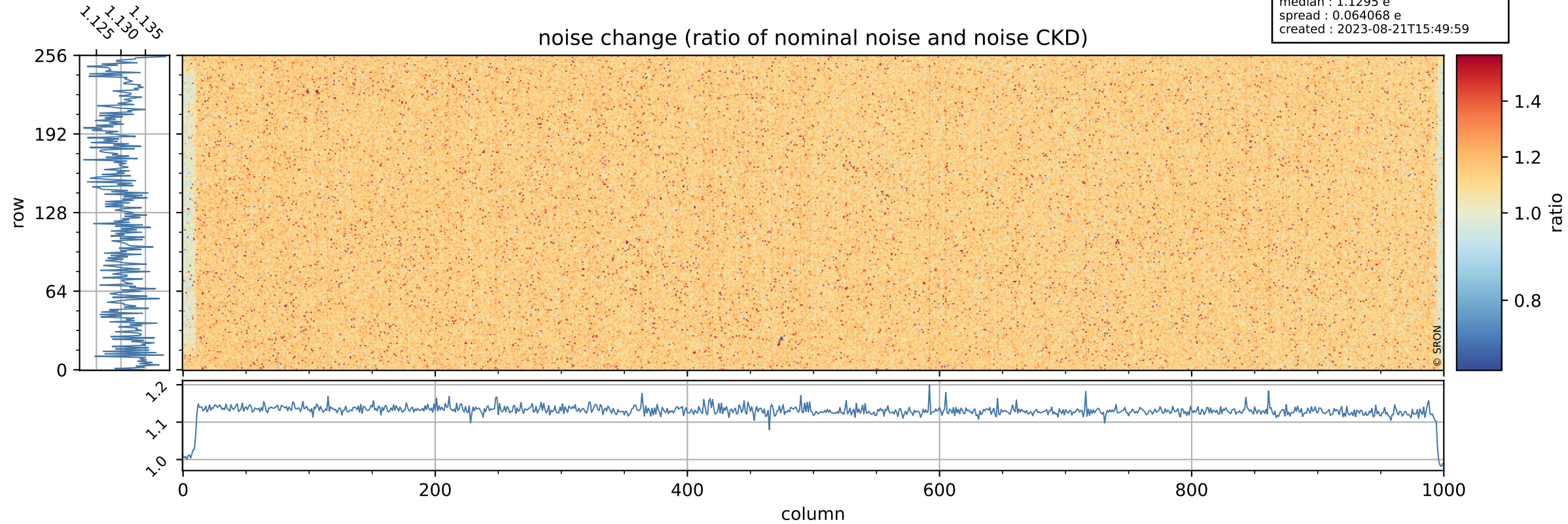
orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
median : 1.0023 e
spread : 0.008371 e
created : 2023-08-21T15:49:59



Tropomi SWIR background noise (swir)

orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
median : 1.1295 e
spread : 0.064068 e
created : 2023-08-21T15:49:59

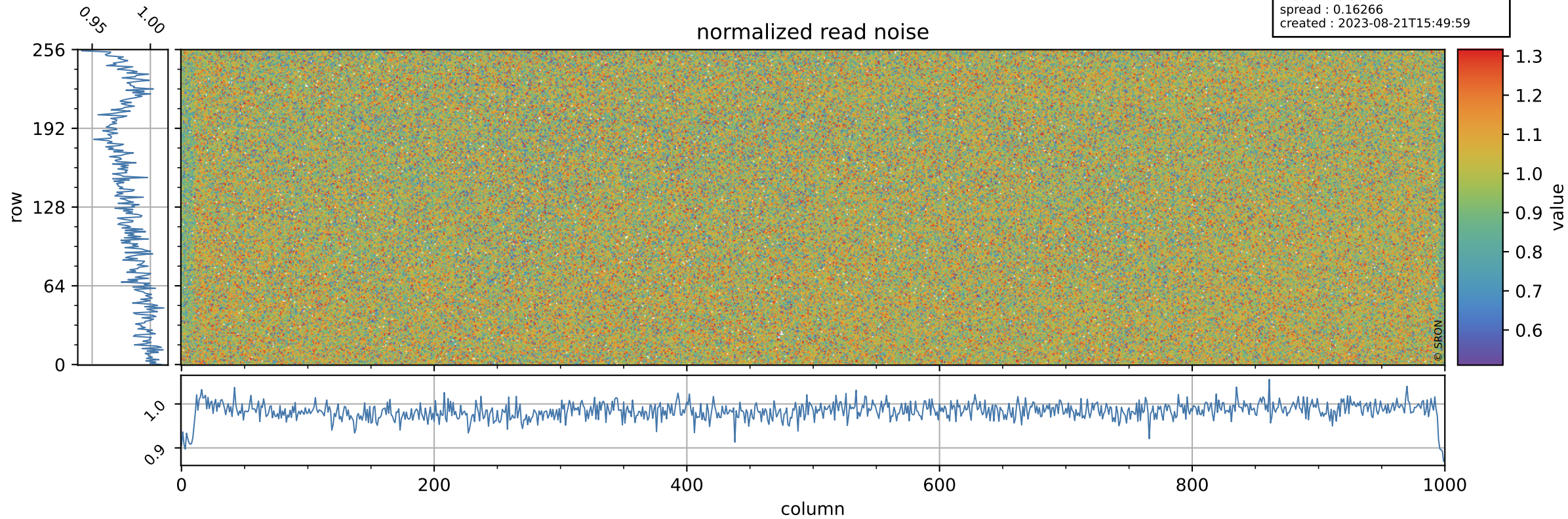
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

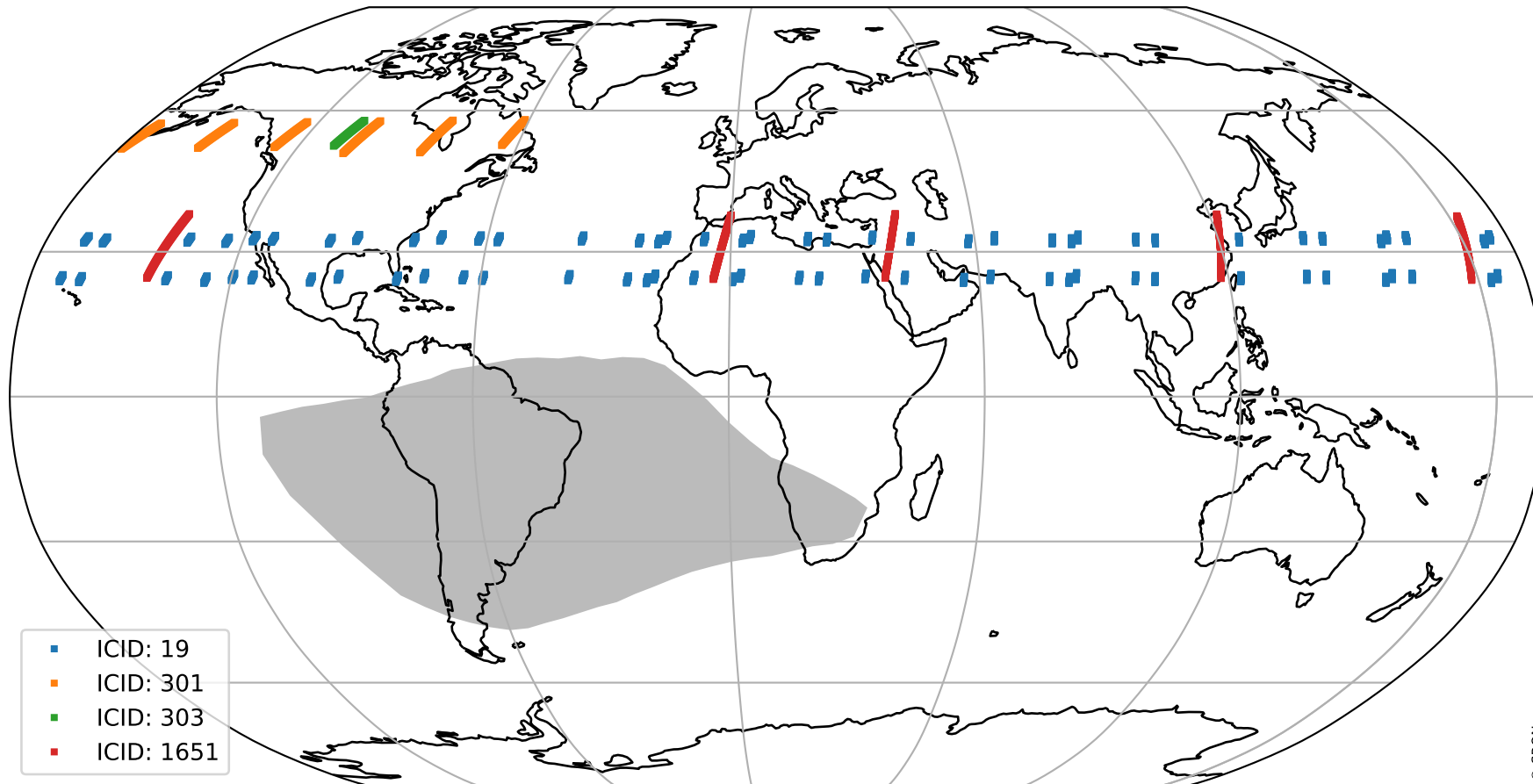
orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
median : 0.98249
spread : 0.16266
created : 2023-08-21T15:49:59

normalized read noise



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

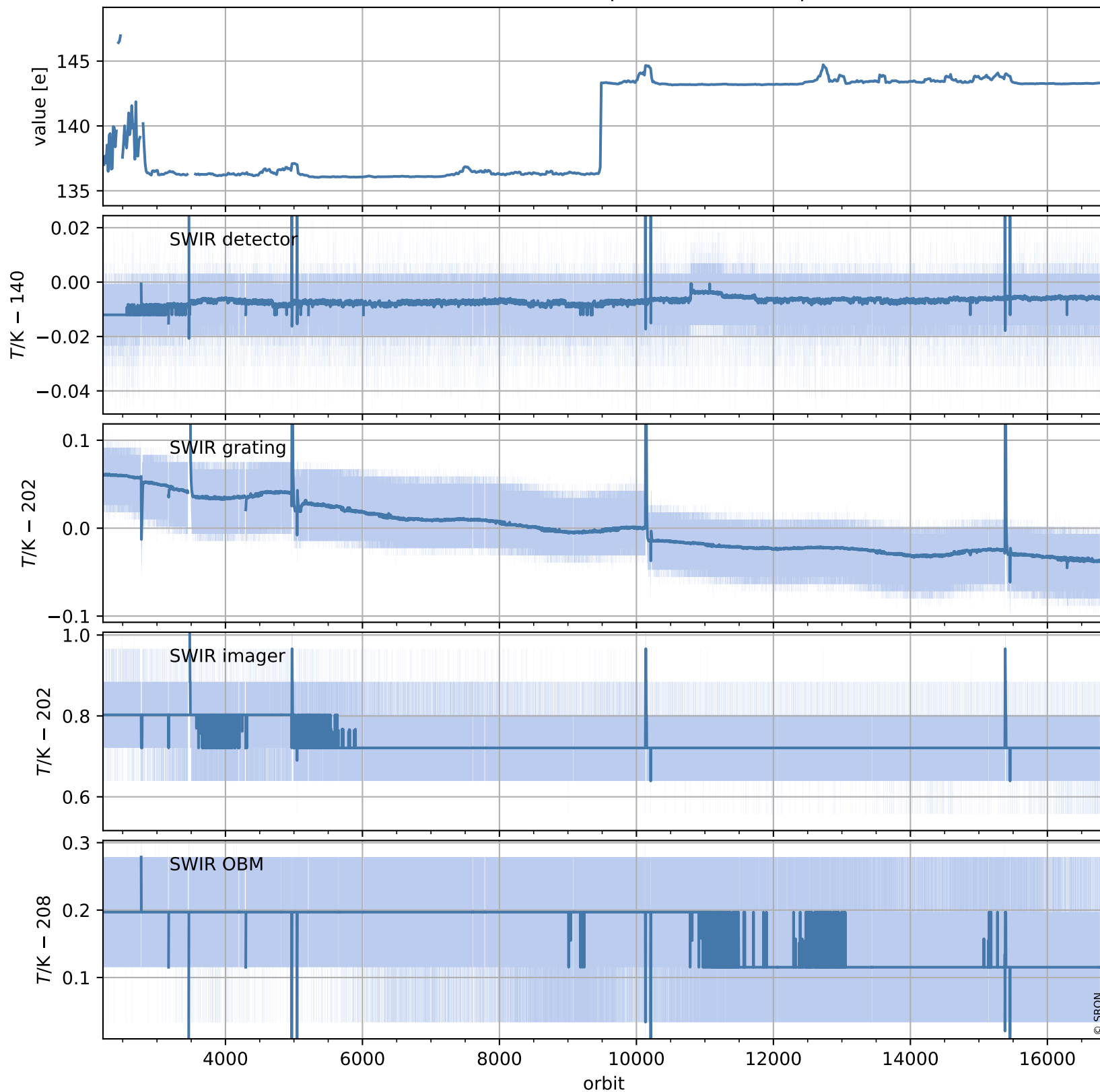
orbits : 12 in [16762, 16837]
coverage : 2021-01-06 / 2021-01-11
created : 2023-08-21T15:49:59



Tropomi SWIR background noise (swir)

orbits : [2212, 16837]
coverage : 2018-03-18 / 2021-01-11
created : 2023-08-21T15:50:00

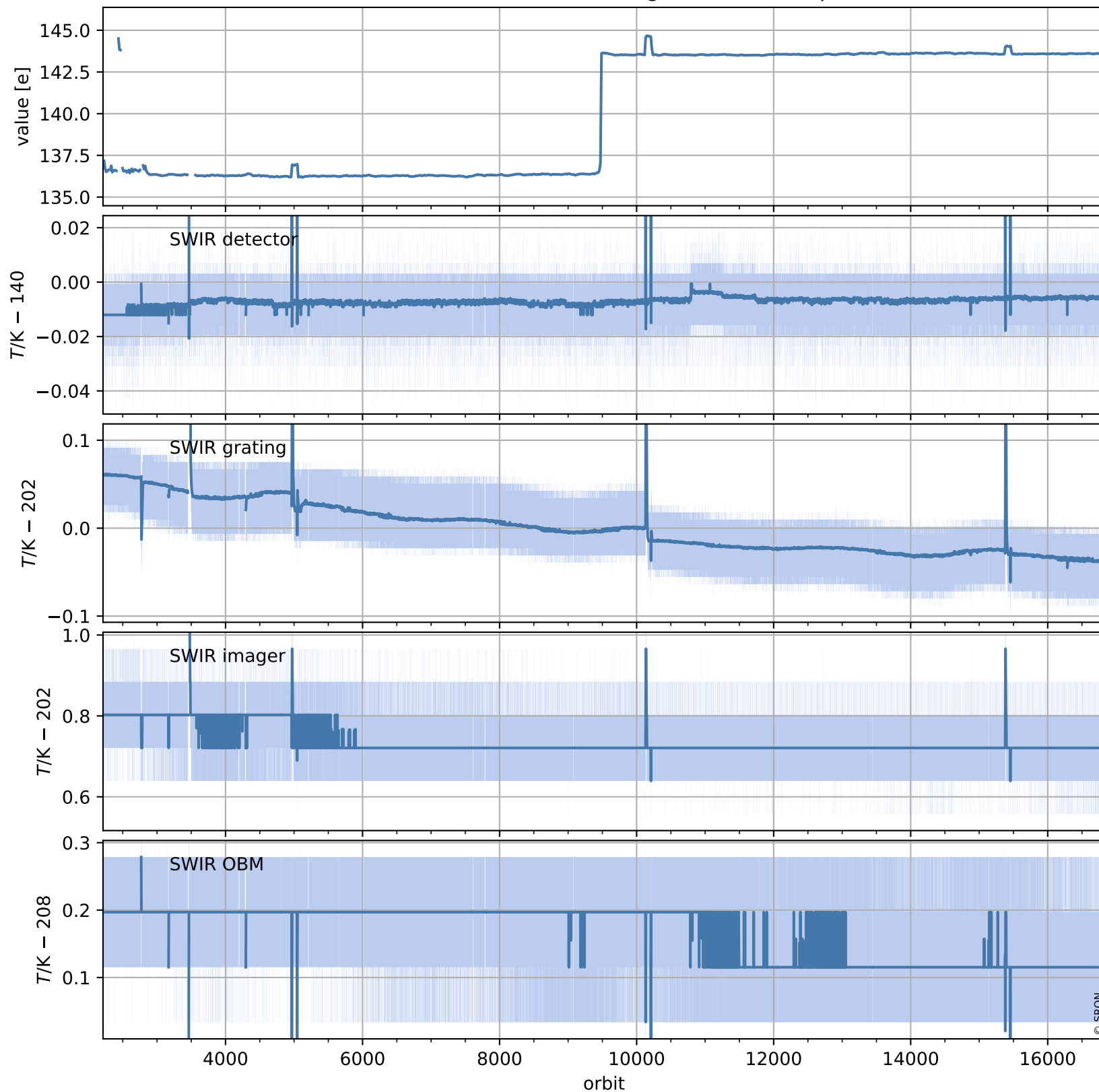
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16837]
coverage : 2018-03-18 / 2021-01-11
created : 2023-08-21T15:50:01

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16837]
coverage : 2018-03-18 / 2021-01-11
created : 2023-08-21T15:50:01

trend of normalized read-noise & temperatures

