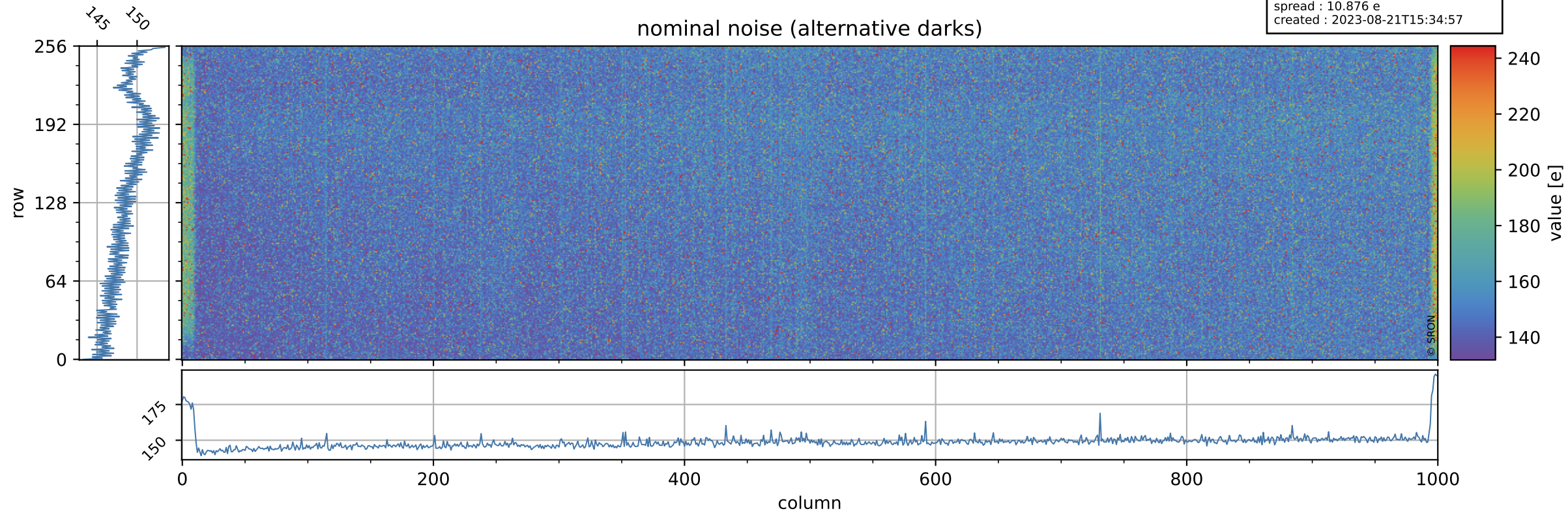


Tropomi SWIR background noise (swir)

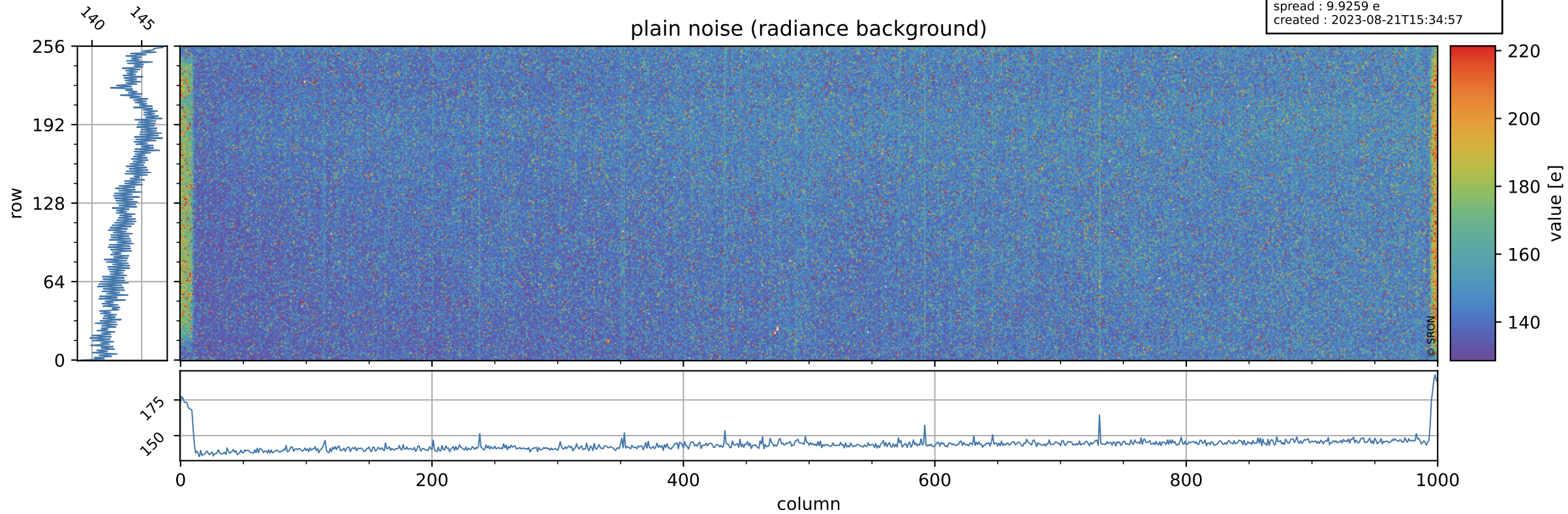
orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
n_coad, t_exp : 1, 1.0783
median : 148.5 e
spread : 10.876 e
created : 2023-08-21T15:34:57



Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
n_coad, t_exp : 1, 0.8383
median : 143.49 e
spread : 9.9259 e
created : 2023-08-21T15:34:57

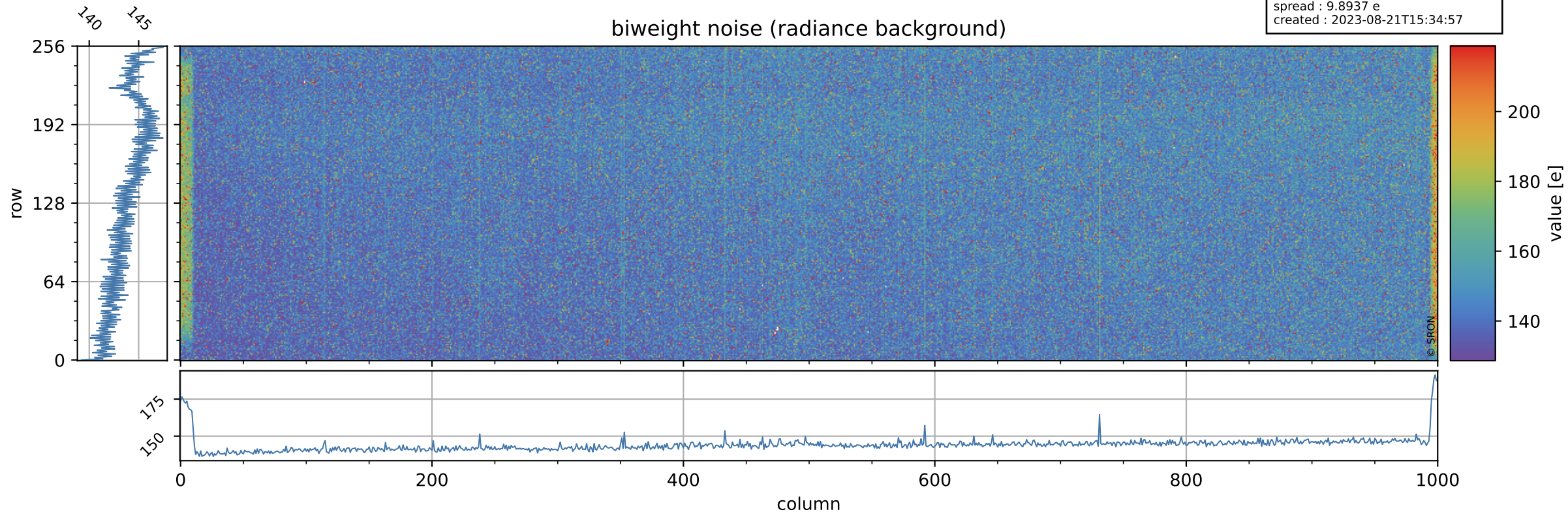
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
n_coad, t_exp : 1, 0.8383
median : 143.76 e
spread : 9.8937 e
created : 2023-08-21T15:34:57

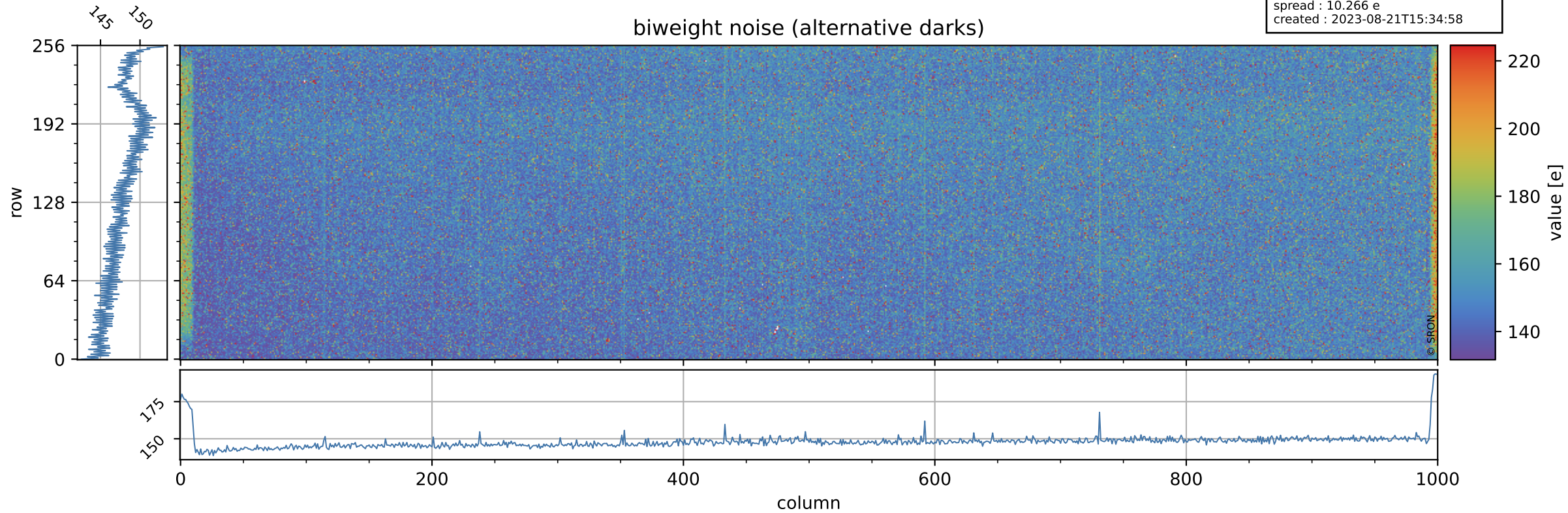
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
n_coad, t_exp : 1, 1.0783
median : 147.65 e
spread : 10.266 e
created : 2023-08-21T15:34:58

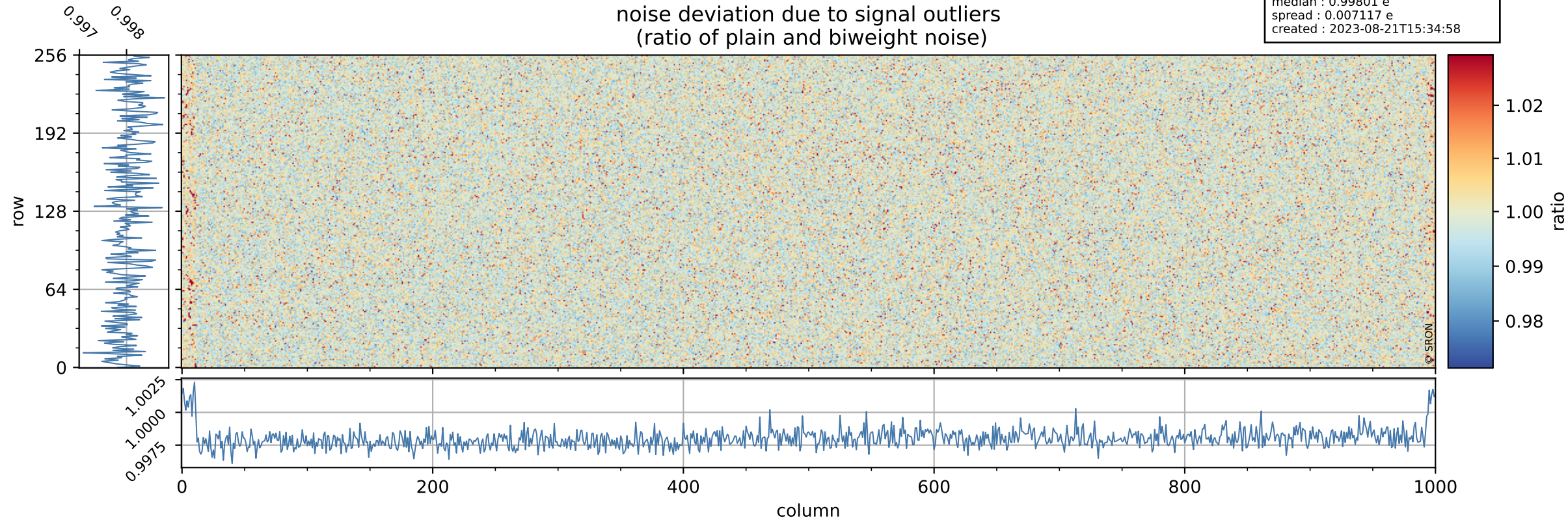
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

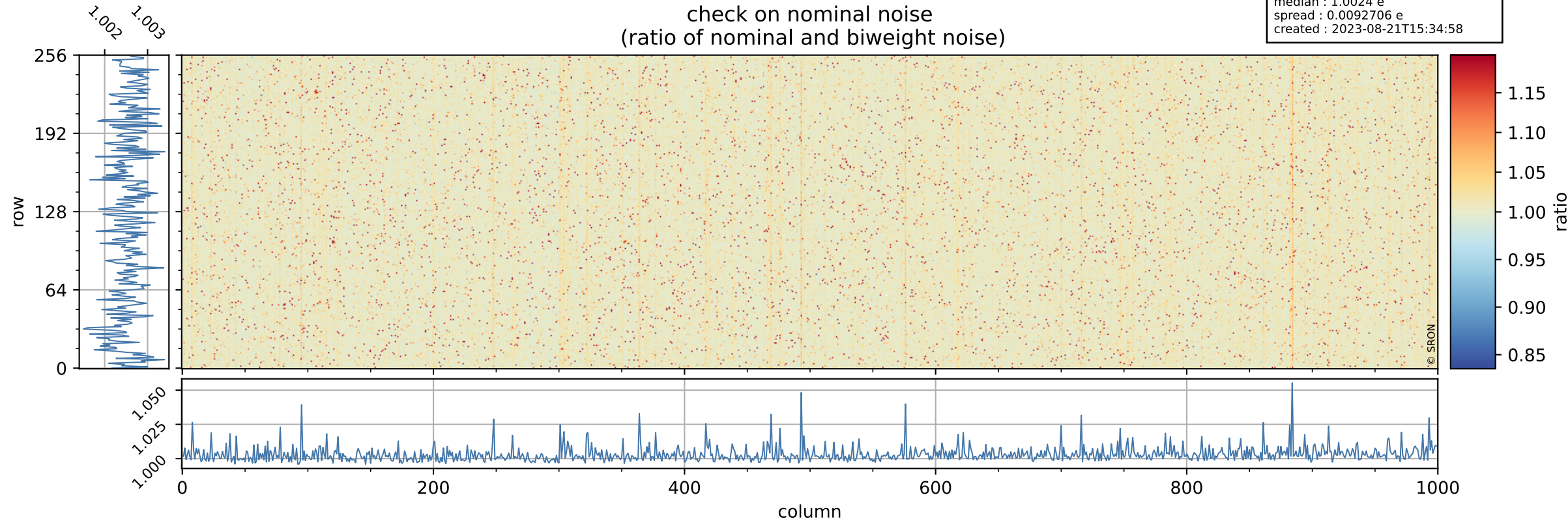
orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
median : 0.99801 e
spread : 0.007117 e
created : 2023-08-21T15:34:58



Tropomi SWIR background noise (swir)

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

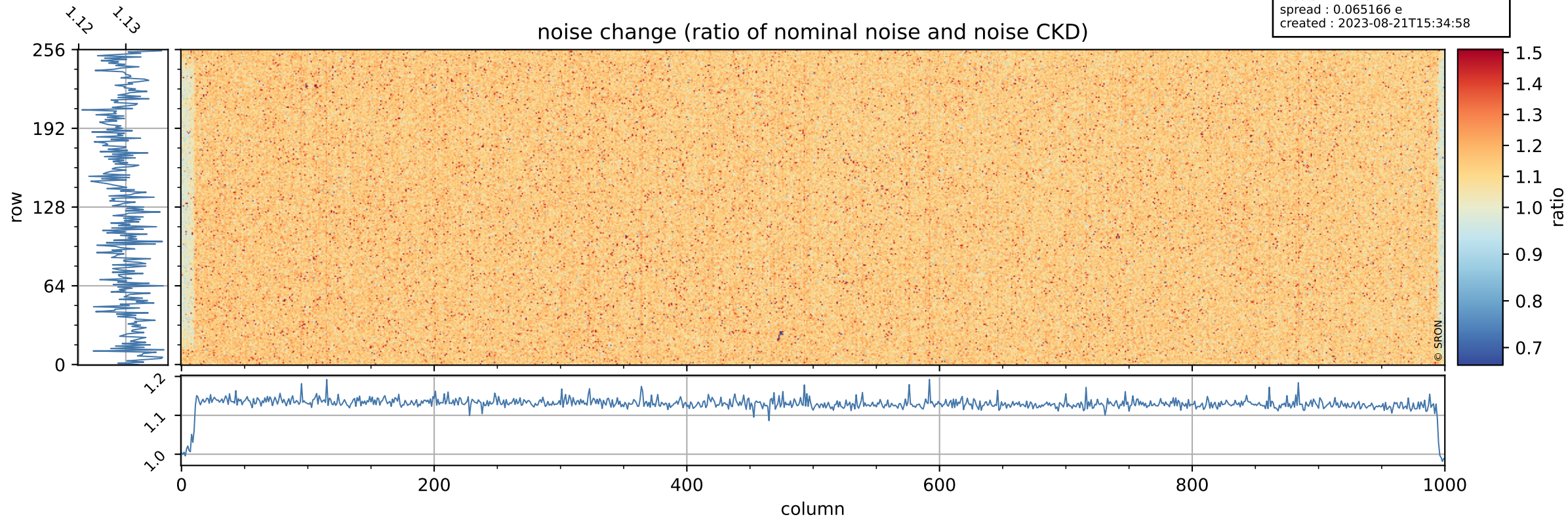
orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
median : 1.0024 e
spread : 0.0092706 e
created : 2023-08-21T15:34:58



Tropomi SWIR background noise (swir)

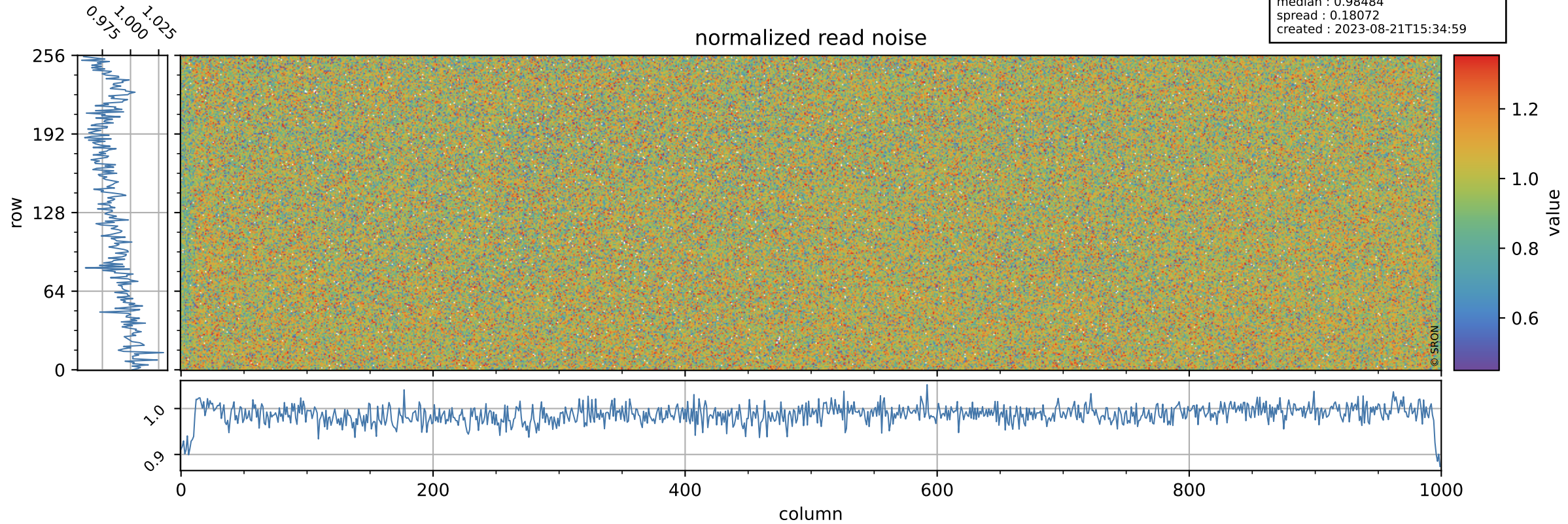
orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
median : 1.129 e
spread : 0.065166 e
created : 2023-08-21T15:34:58

noise change (ratio of nominal noise and noise CKD)



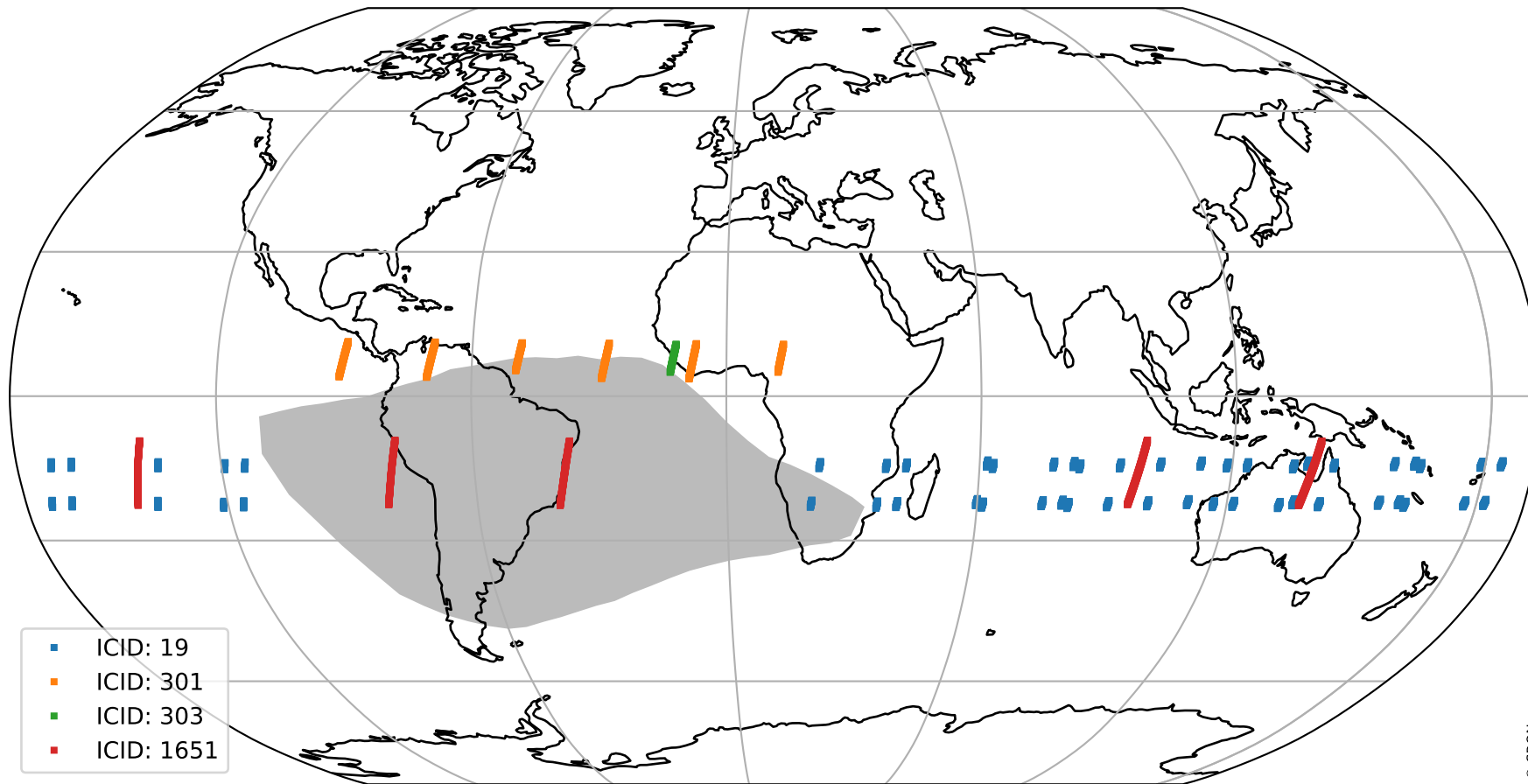
Tropomi SWIR background noise (swir)

orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
median : 0.98484
spread : 0.18072
created : 2023-08-21T15:34:59



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

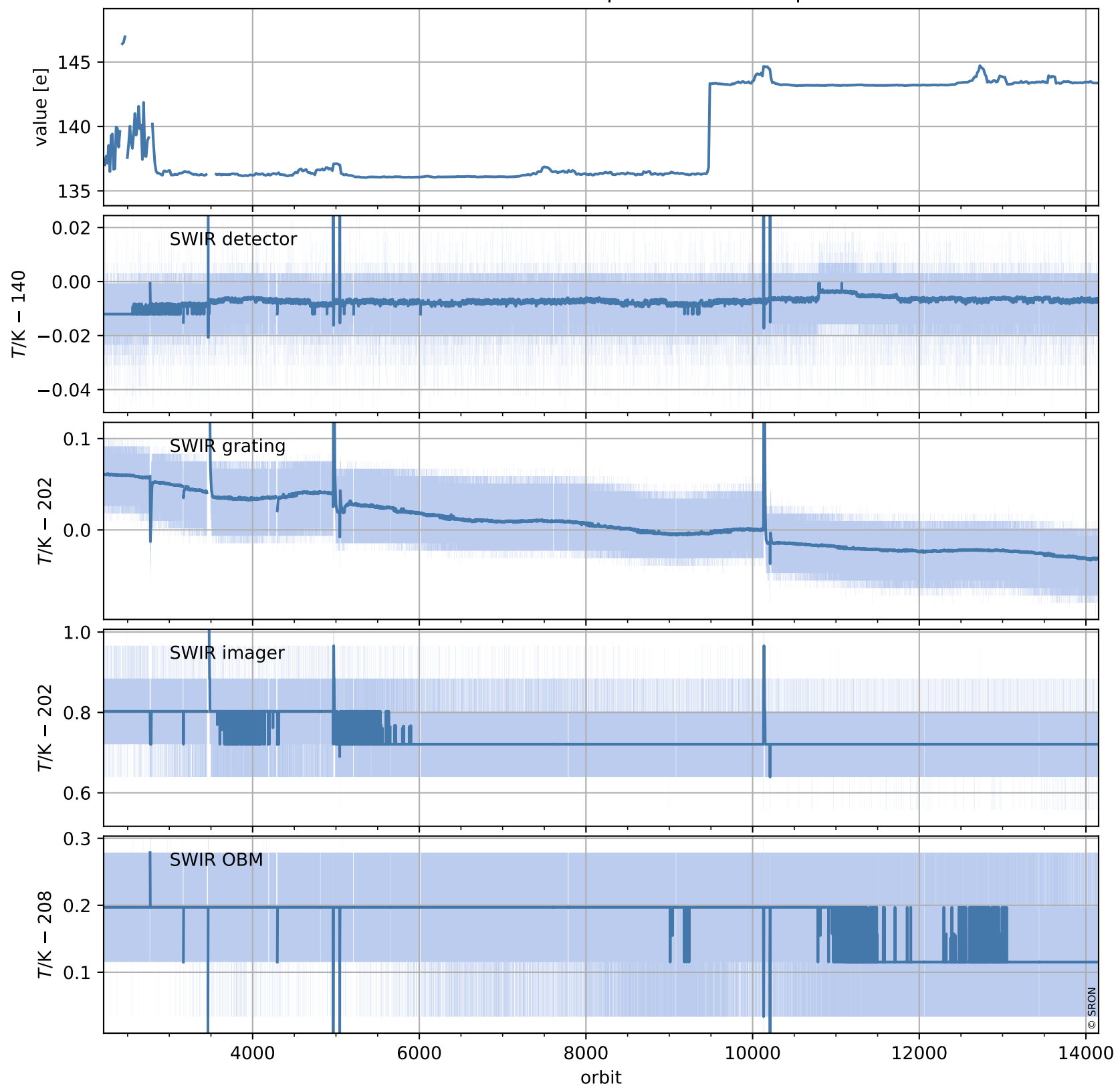
orbits : 12 in [14077, 14152]
coverage : 2020-06-30 / 2020-07-06
created : 2023-08-21T15:34:59



Tropomi SWIR background noise (swir)

orbits : [2212, 14152]
coverage : 2018-03-18 / 2020-07-06
created : 2023-08-21T15:34:59

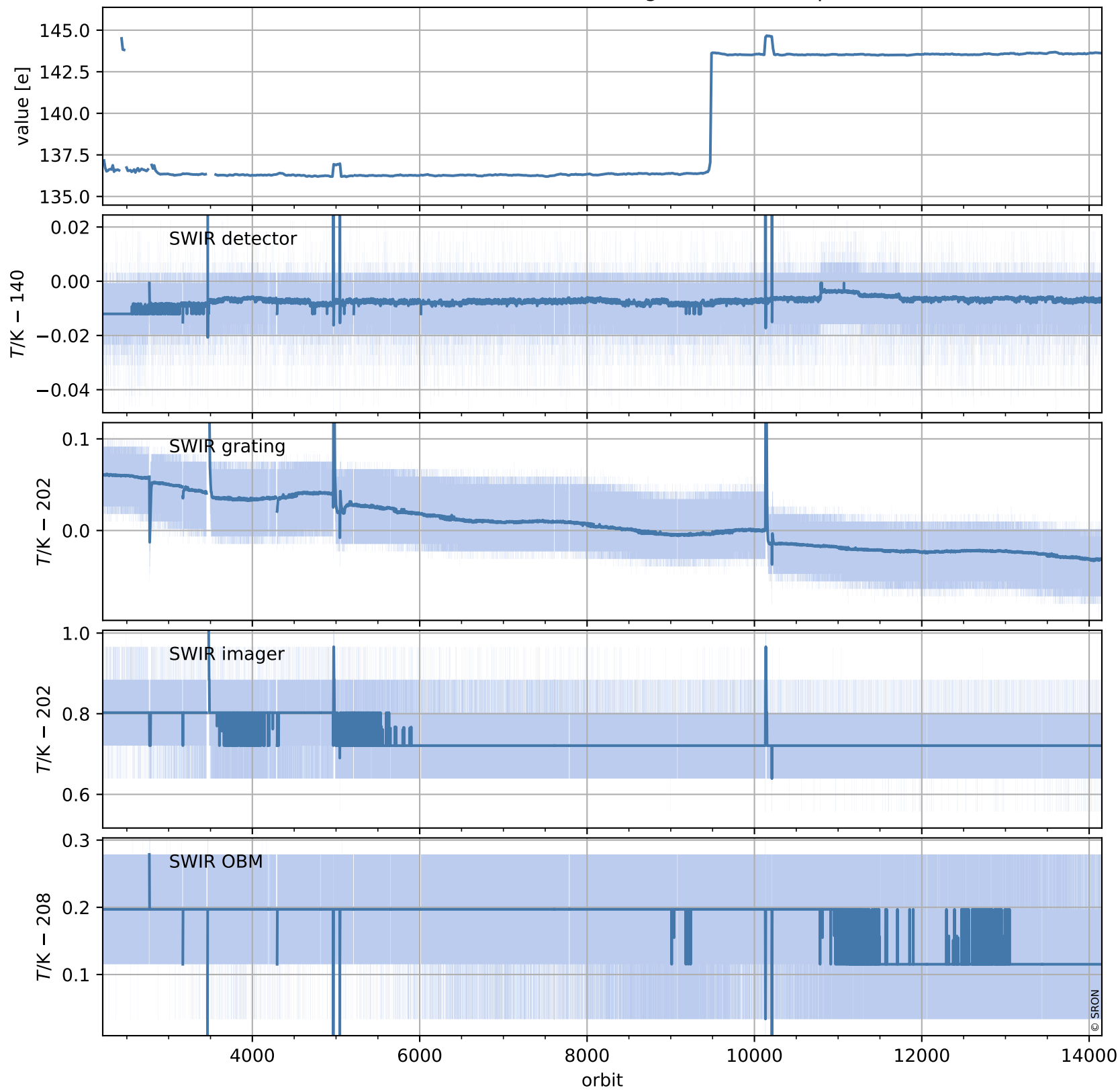
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14152]
coverage : 2018-03-18 / 2020-07-06
created : 2023-08-21T15:35:00

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 14152]
coverage : 2018-03-18 / 2020-07-06
created : 2023-08-21T15:35:00

trend of normalized read-noise & temperatures

