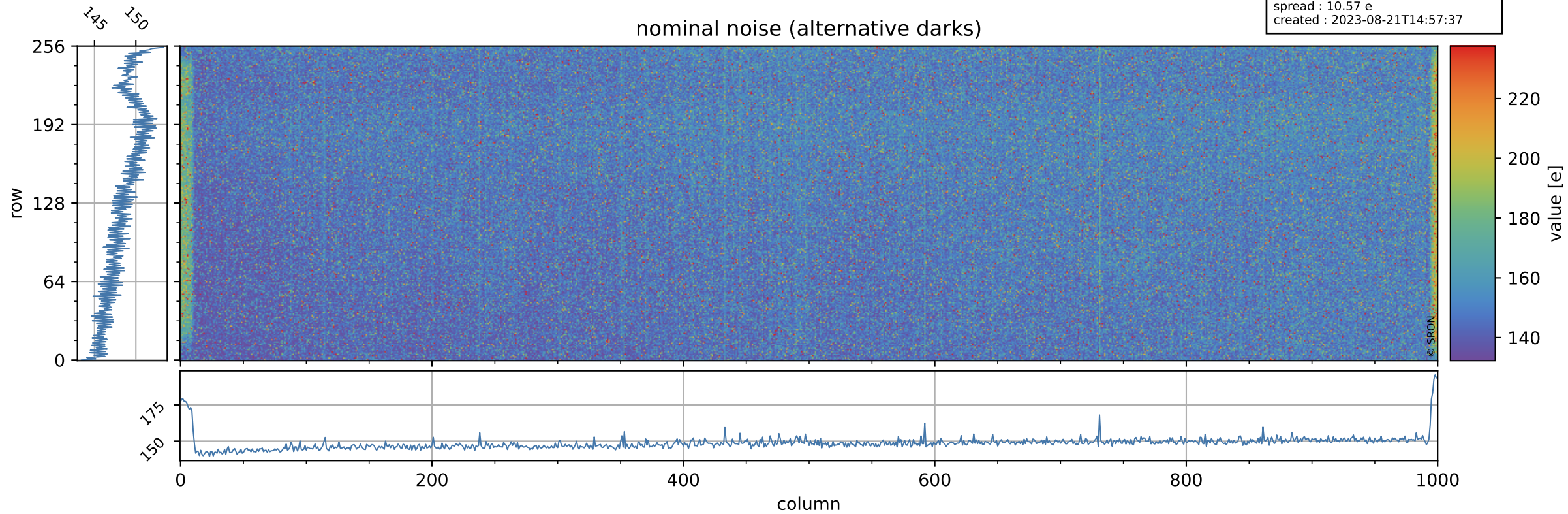


Tropomi SWIR background noise (swir)

orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.57 e
created : 2023-08-21T14:57:37

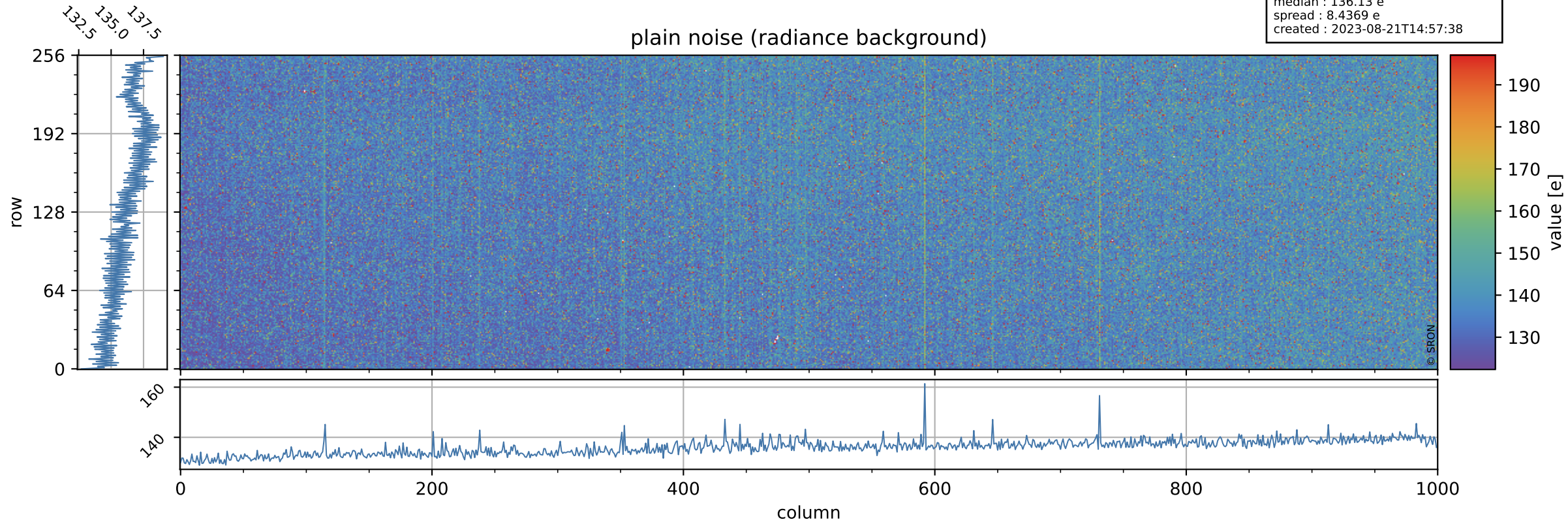
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
n_coad, t_exp : 2, 0.5383
median : 136.13 e
spread : 8.4369 e
created : 2023-08-21T14:57:38

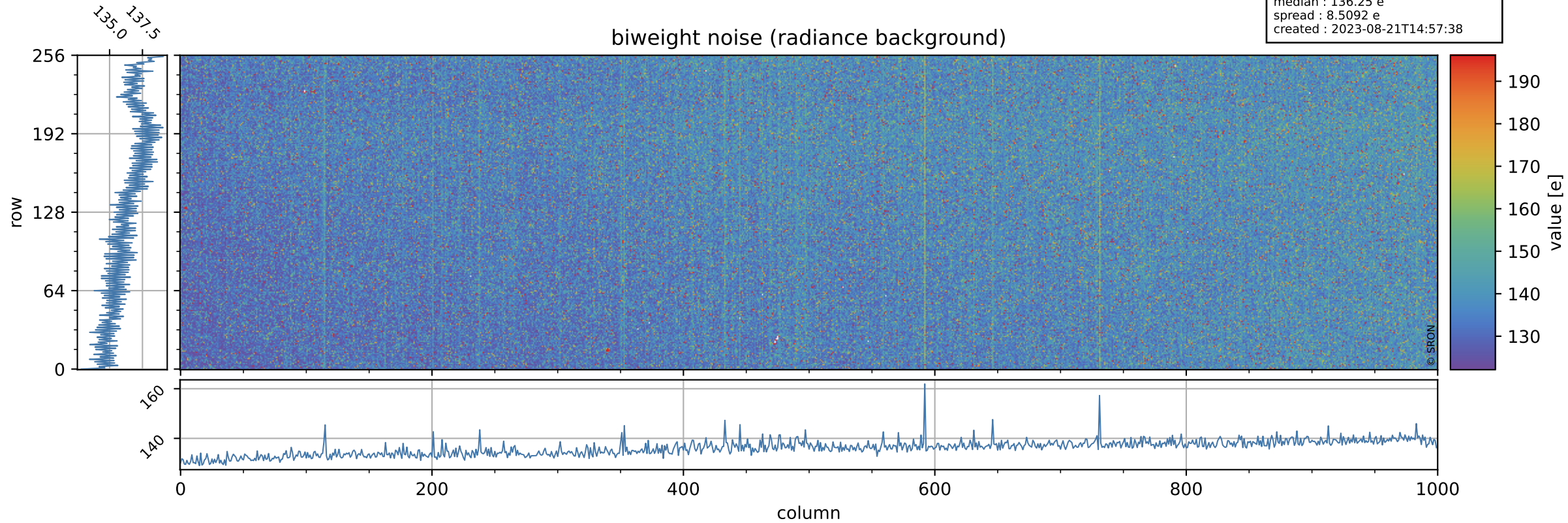
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
n_coad, t_exp : 2, 0.5383
median : 136.25 e
spread : 8.5092 e
created : 2023-08-21T14:57:38

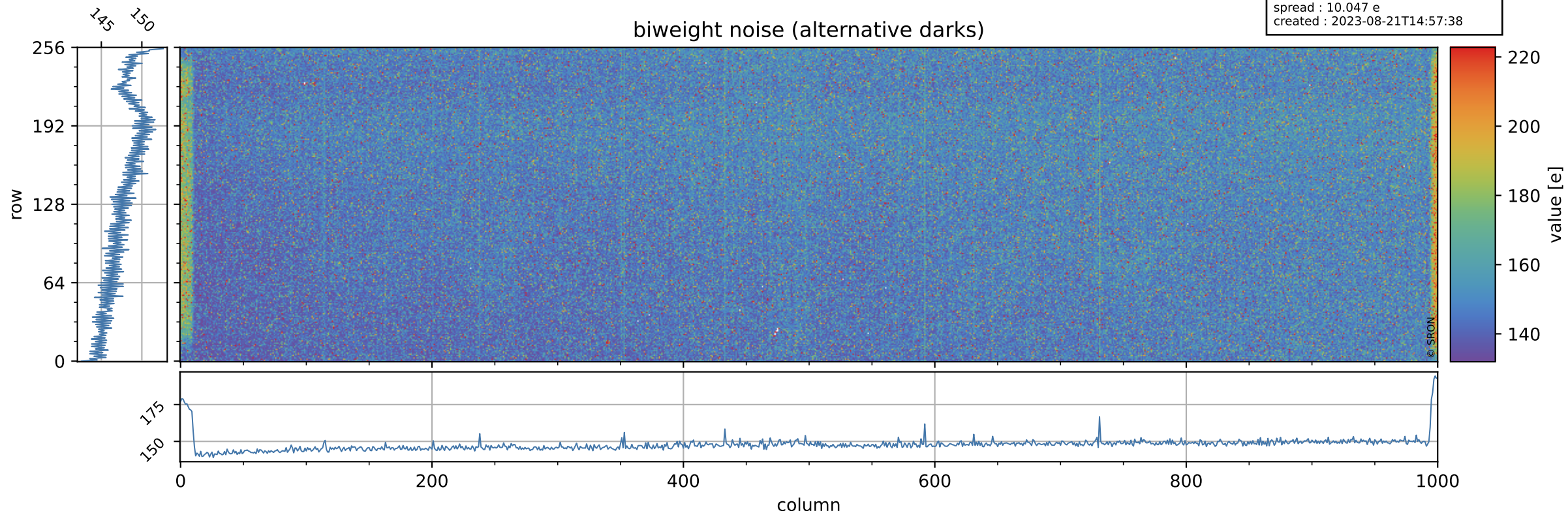
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 10.047 e
created : 2023-08-21T14:57:38

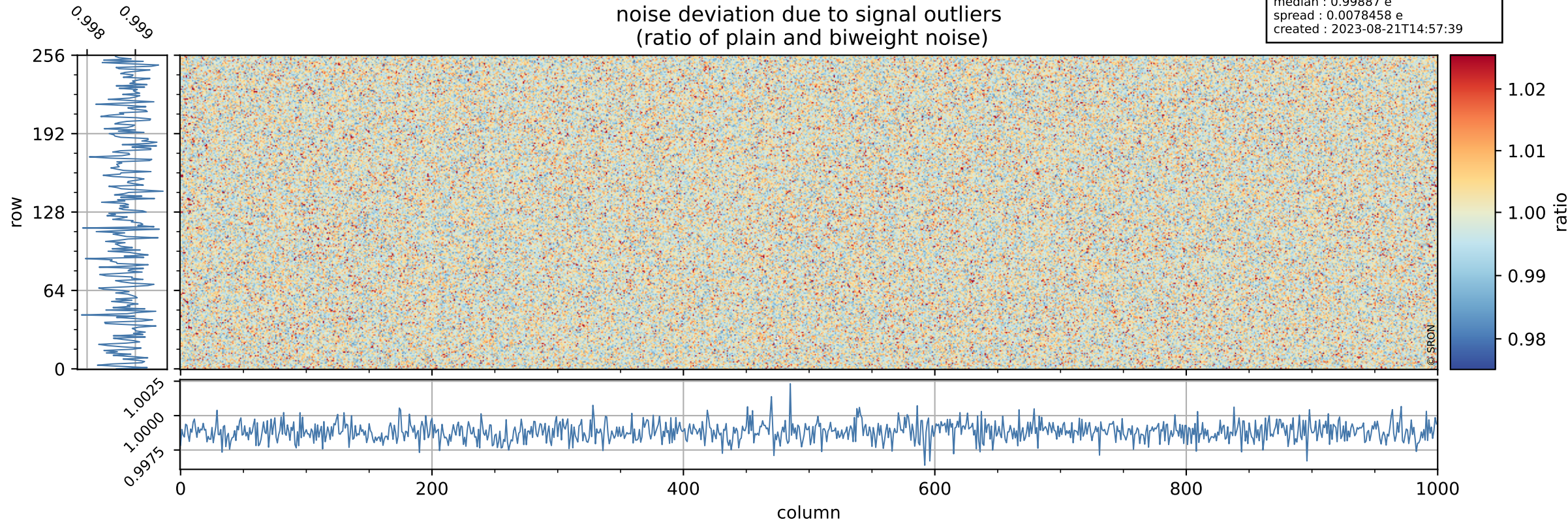
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

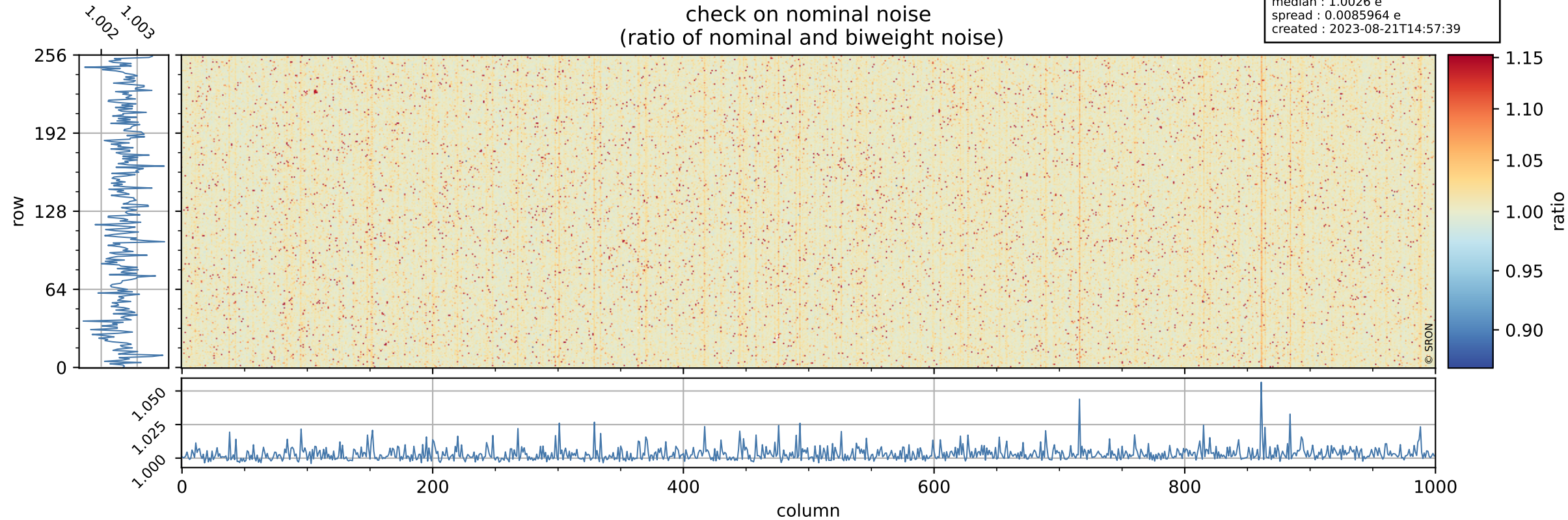
orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
median : 0.99887 e
spread : 0.0078458 e
created : 2023-08-21T14:57:39



Tropomi SWIR background noise (swir)

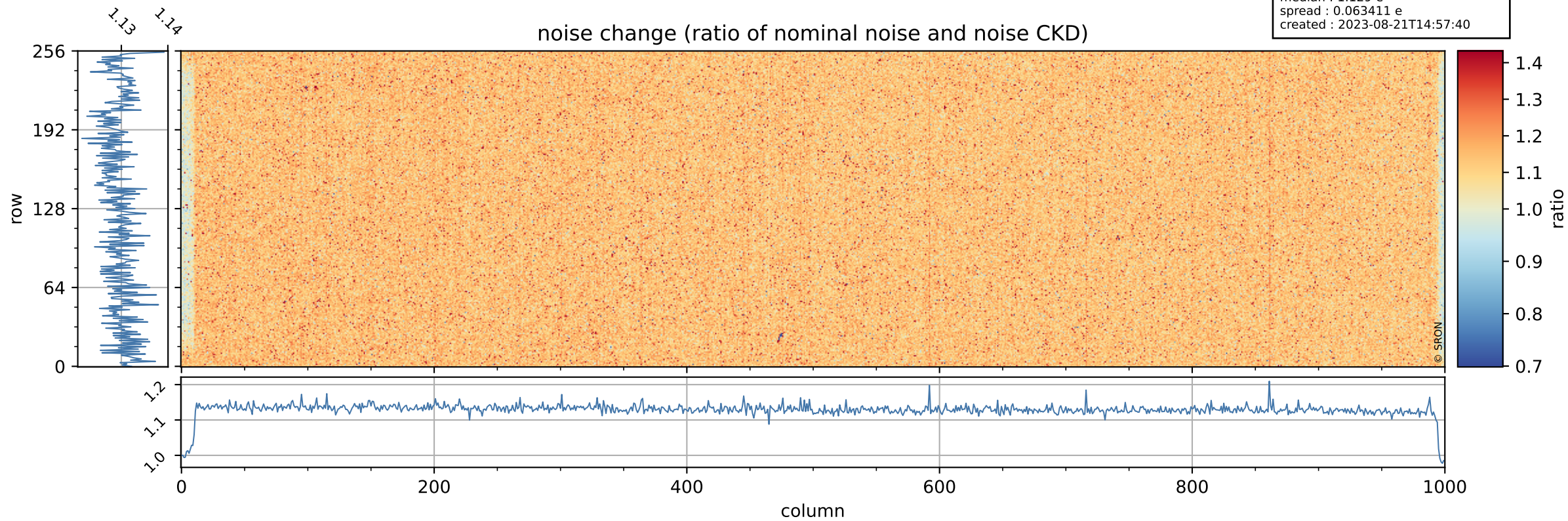
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
median : 1.0026 e
spread : 0.0085964 e
created : 2023-08-21T14:57:39



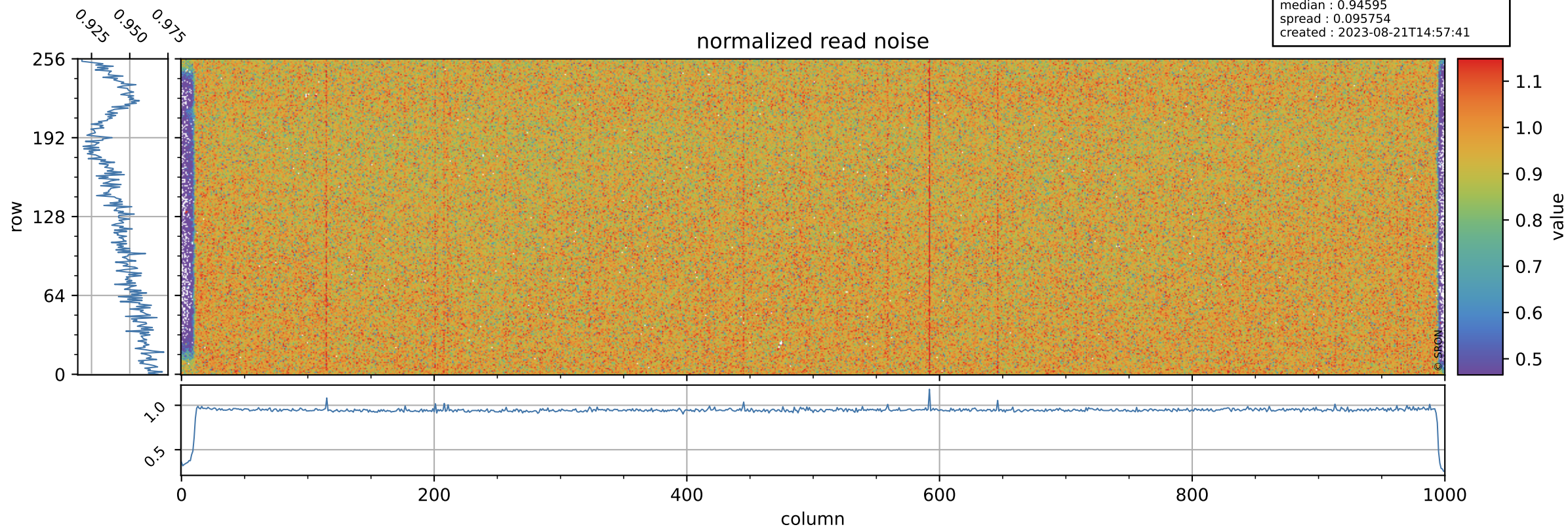
Tropomi SWIR background noise (swir)

orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
median : 1.129 e
spread : 0.063411 e
created : 2023-08-21T14:57:40



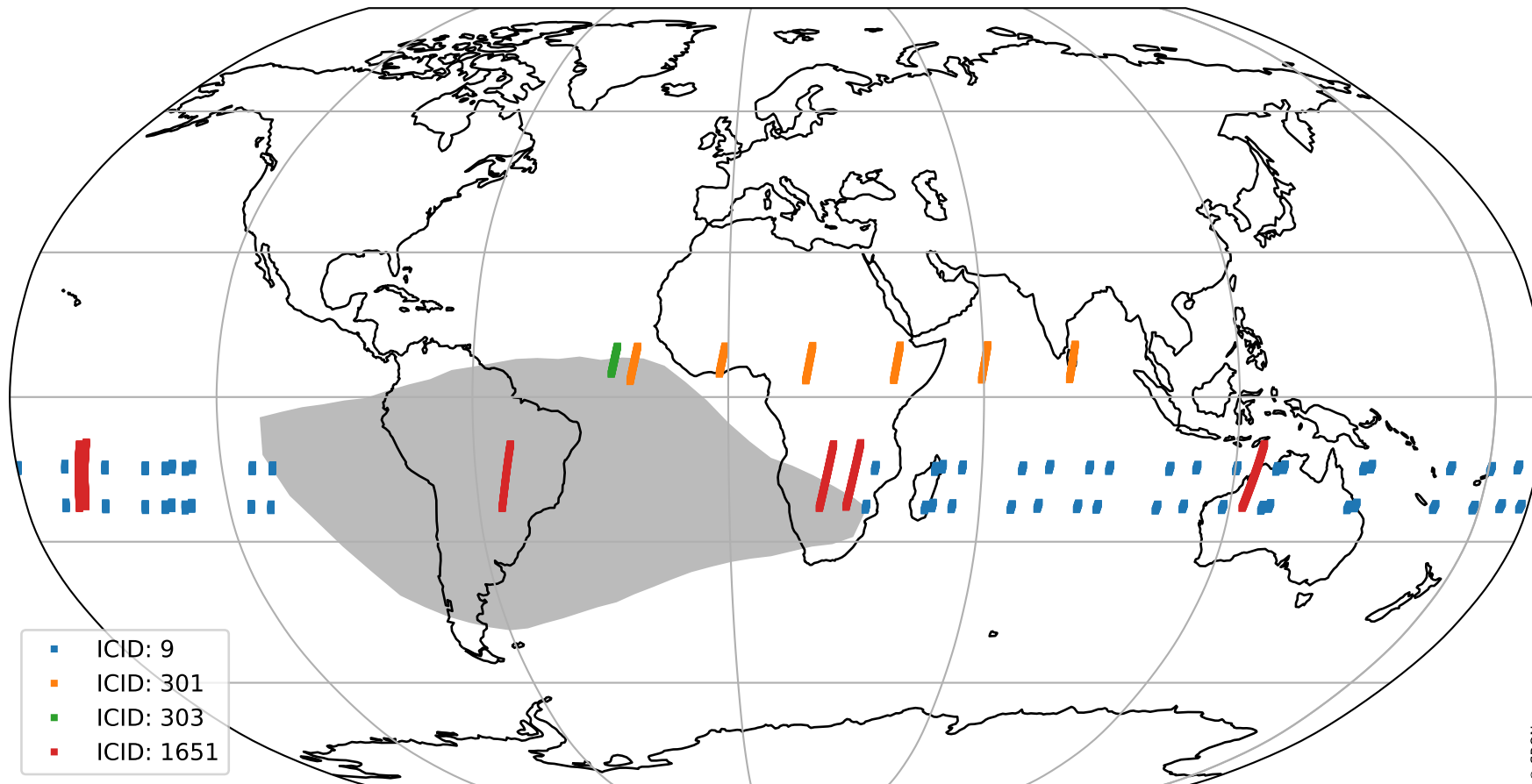
Tropomi SWIR background noise (swir)

orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
median : 0.94595
spread : 0.095754
created : 2023-08-21T14:57:41



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

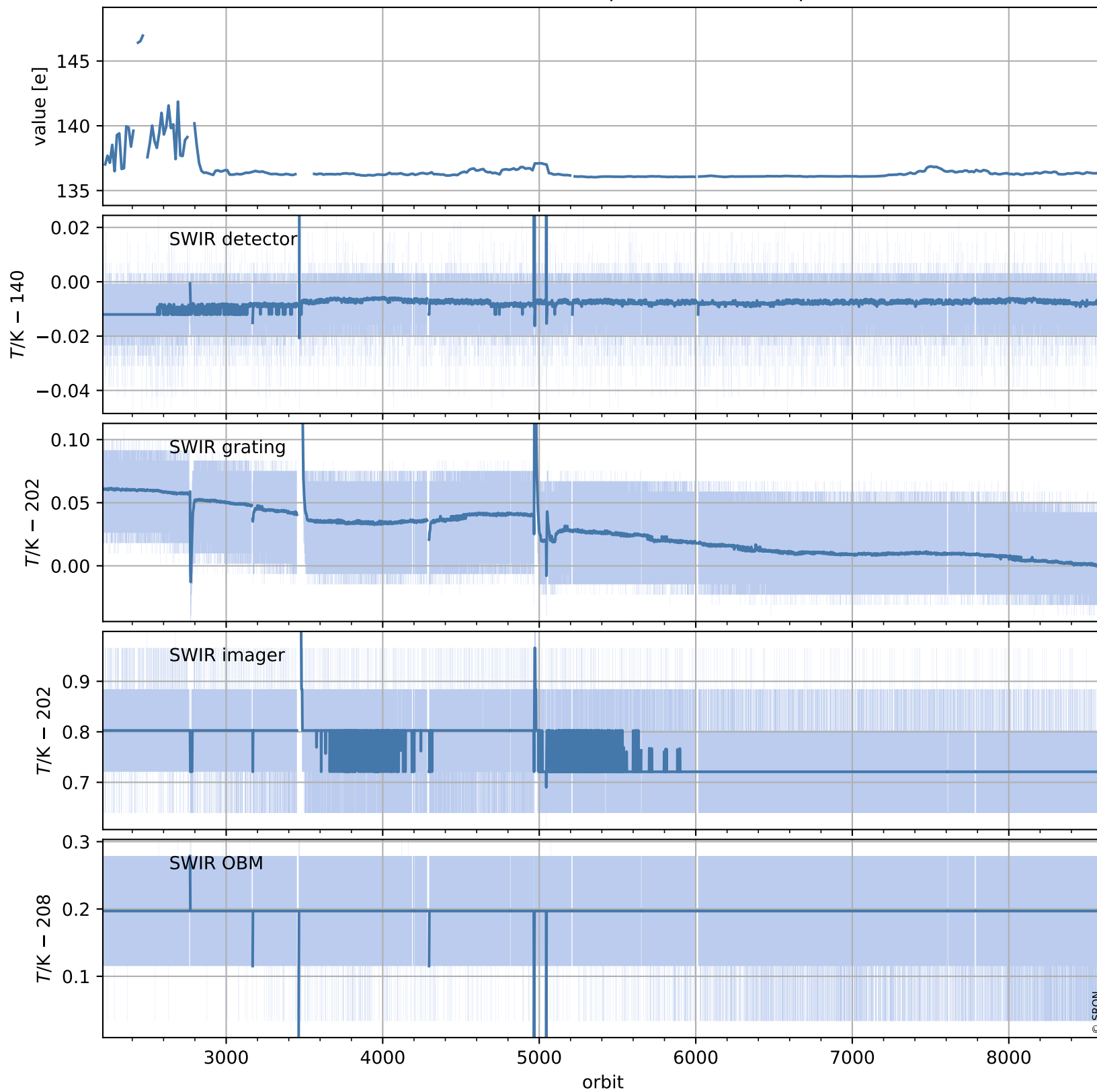
orbits : 13 in [8512, 8602]
coverage : 2019-06-05 / 2019-06-11
created : 2023-08-21T14:57:41



Tropomi SWIR background noise (swir)

orbits : [2212, 8602]
coverage : 2018-03-18 / 2019-06-11
created : 2023-08-21T14:57:41

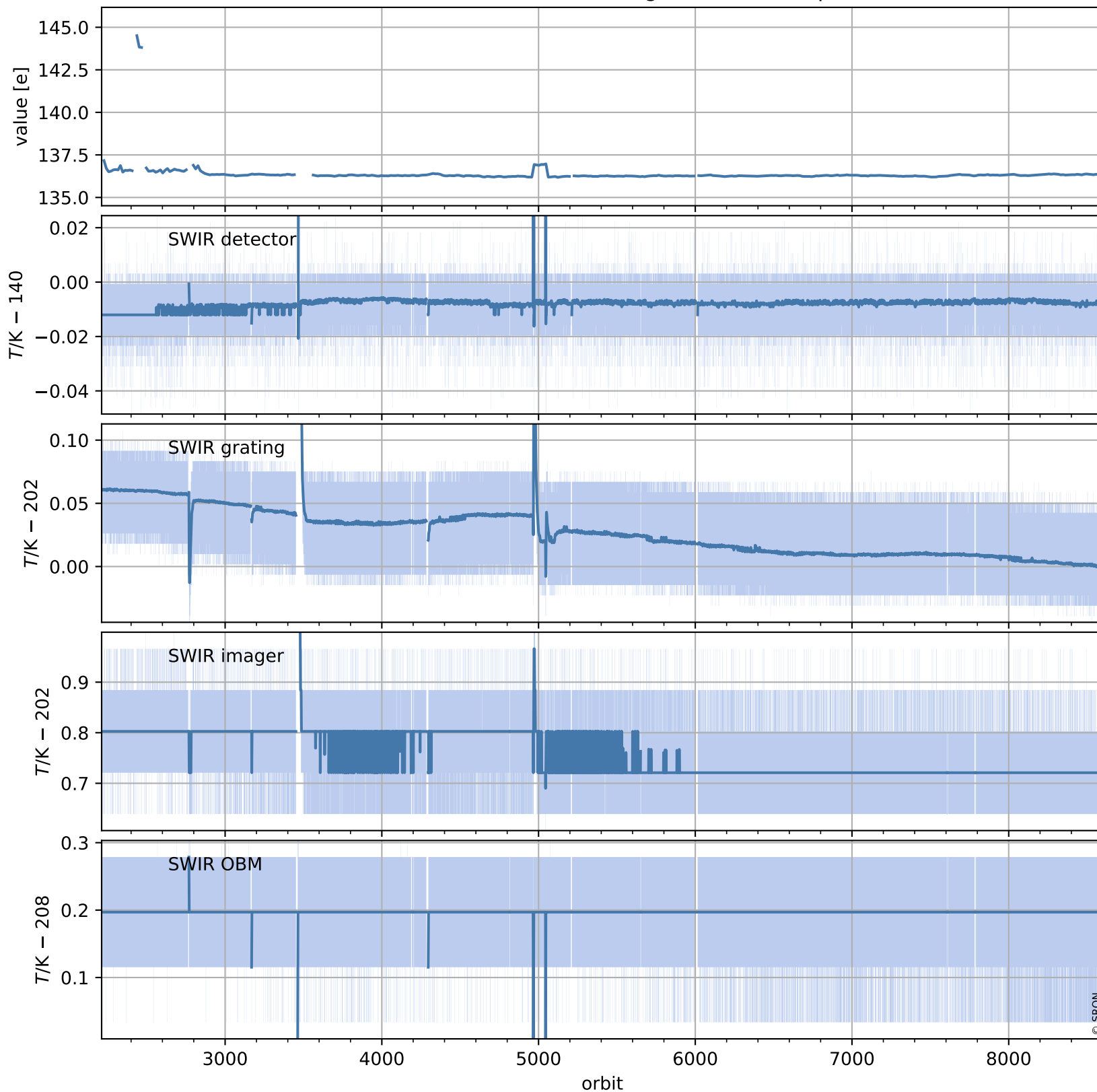
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8602]
coverage : 2018-03-18 / 2019-06-11
created : 2023-08-21T14:57:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8602]
coverage : 2018-03-18 / 2019-06-11
created : 2023-08-21T14:57:43

trend of normalized read-noise & temperatures

