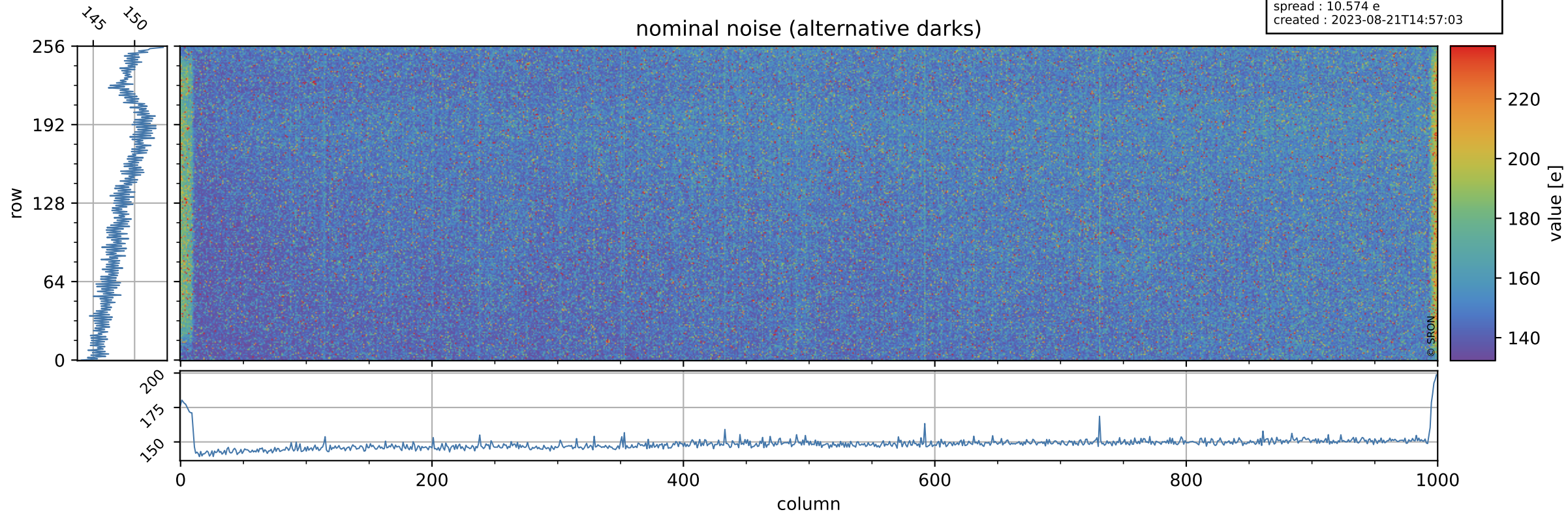


Tropomi SWIR background noise (swir)

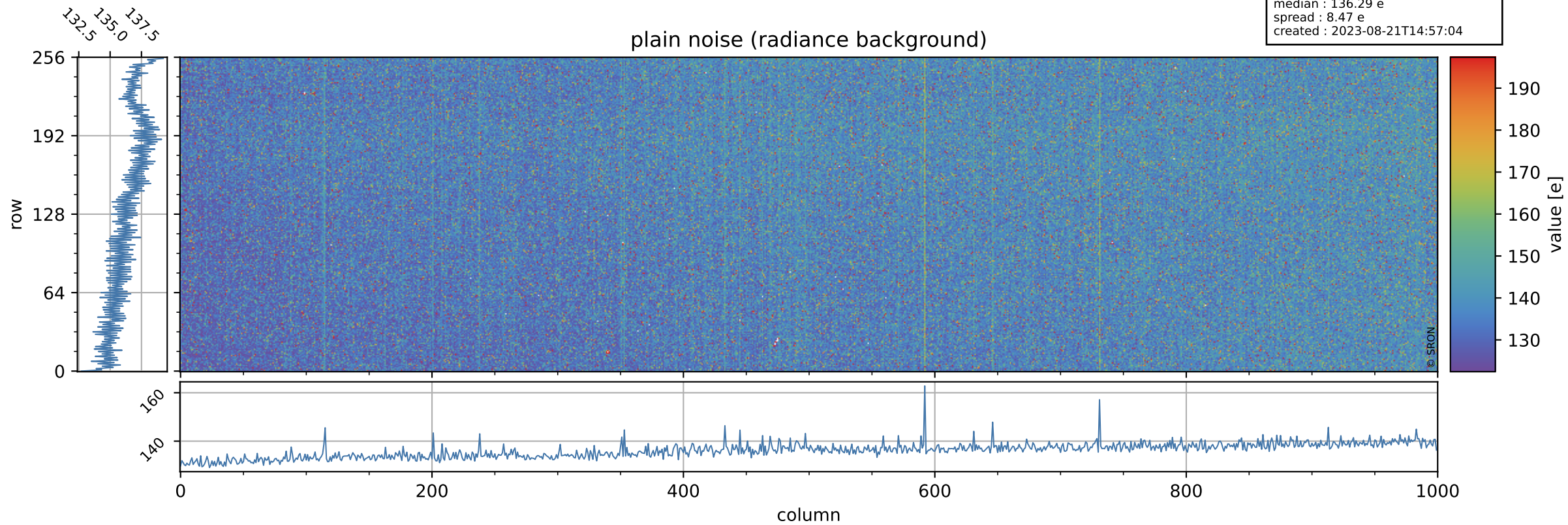
orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
n_coad, t_exp : 1, 1.0783
median : 148.45 e
spread : 10.574 e
created : 2023-08-21T14:57:03



Tropomi SWIR background noise (swir)

orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
n_coad, t_exp : 2, 0.5383
median : 136.29 e
spread : 8.47 e
created : 2023-08-21T14:57:04

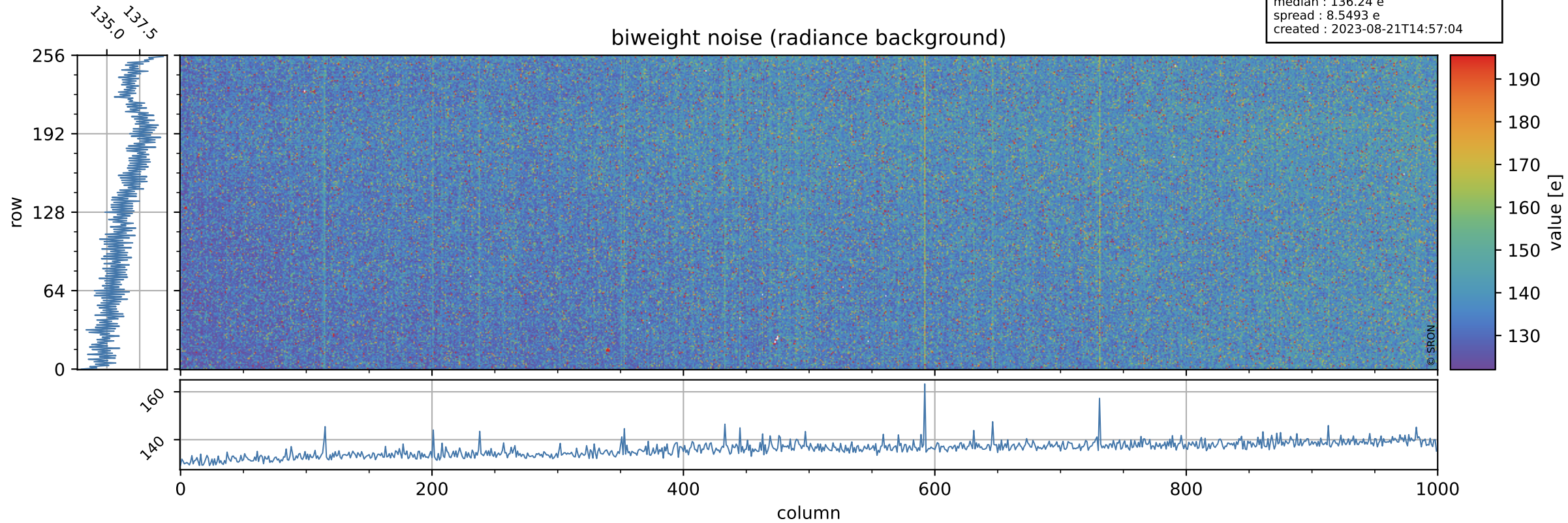
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.5493 e
created : 2023-08-21T14:57:04

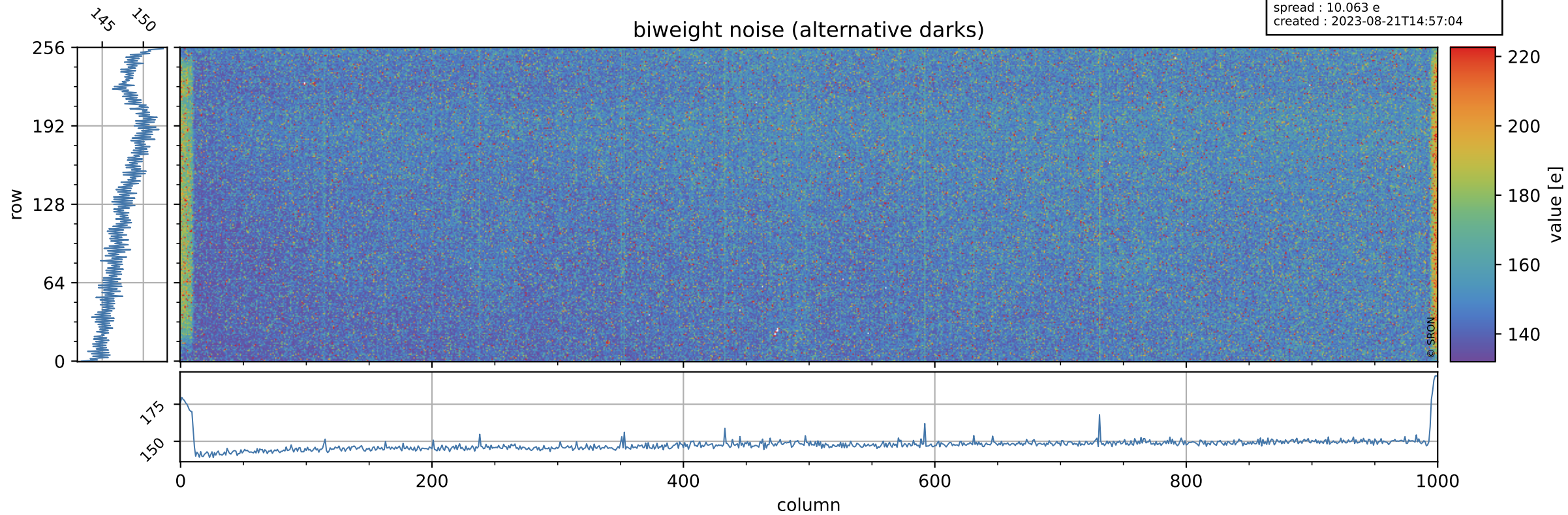
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 10.063 e
created : 2023-08-21T14:57:04

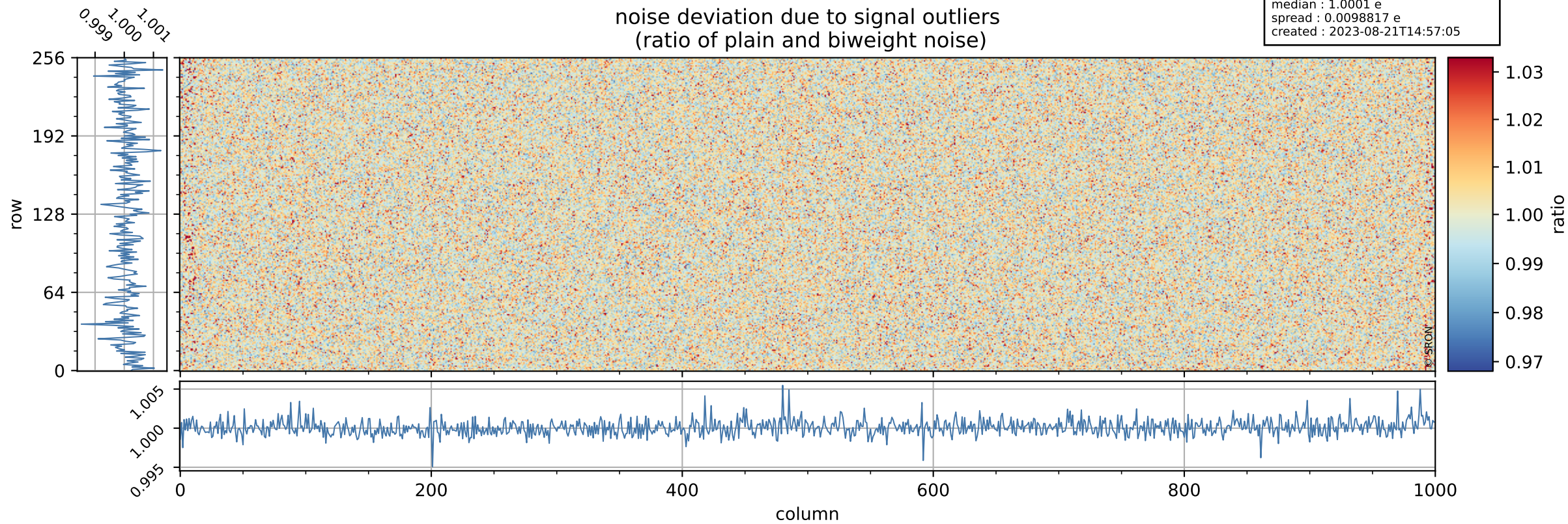
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

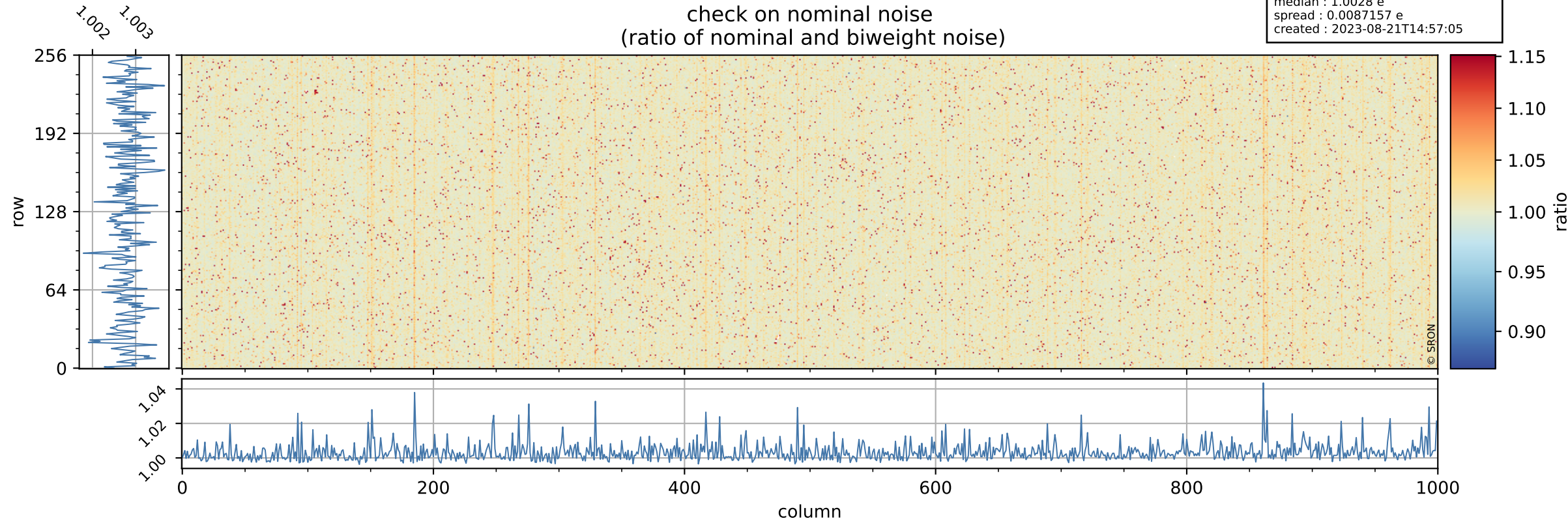
orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
median : 1.0001 e
spread : 0.0098817 e
created : 2023-08-21T14:57:05



Tropomi SWIR background noise (swir)

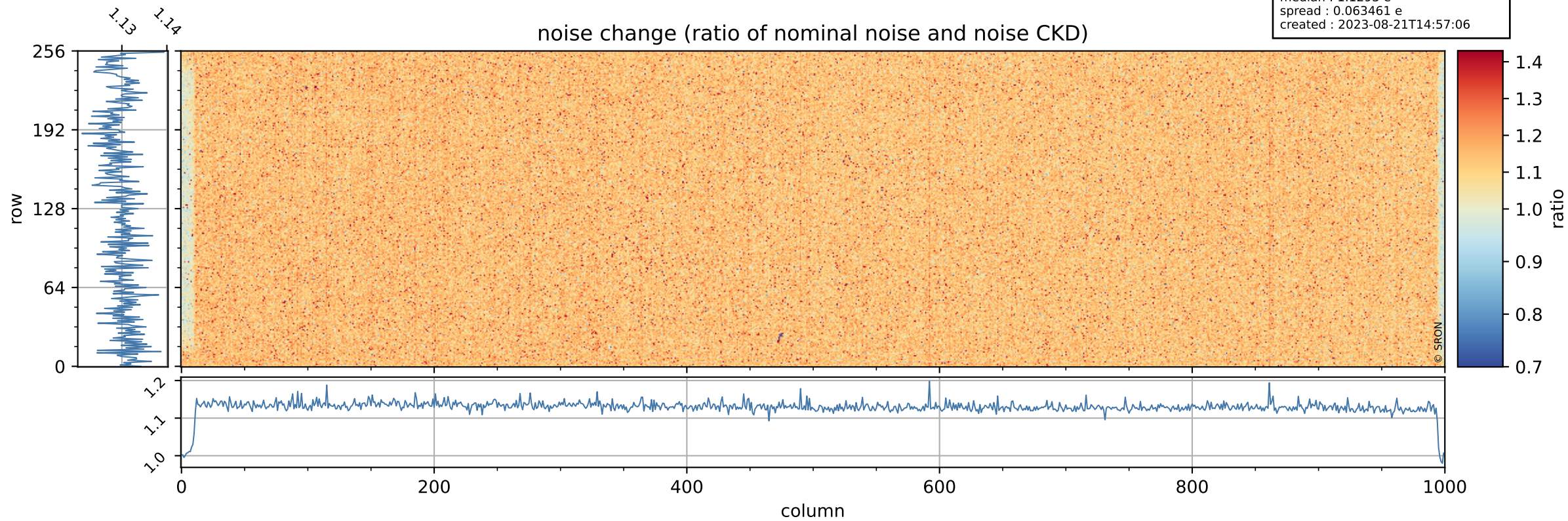
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
median : 1.0028 e
spread : 0.0087157 e
created : 2023-08-21T14:57:05



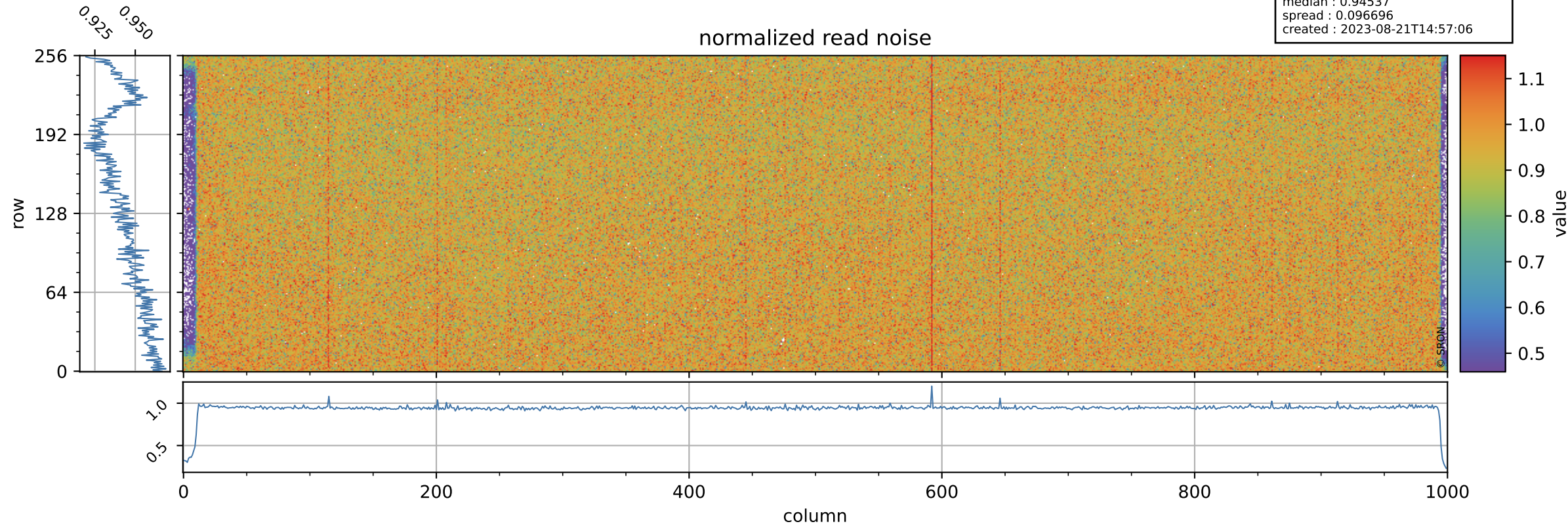
Tropomi SWIR background noise (swir)

orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
median : 1.1293 e
spread : 0.063461 e
created : 2023-08-21T14:57:06



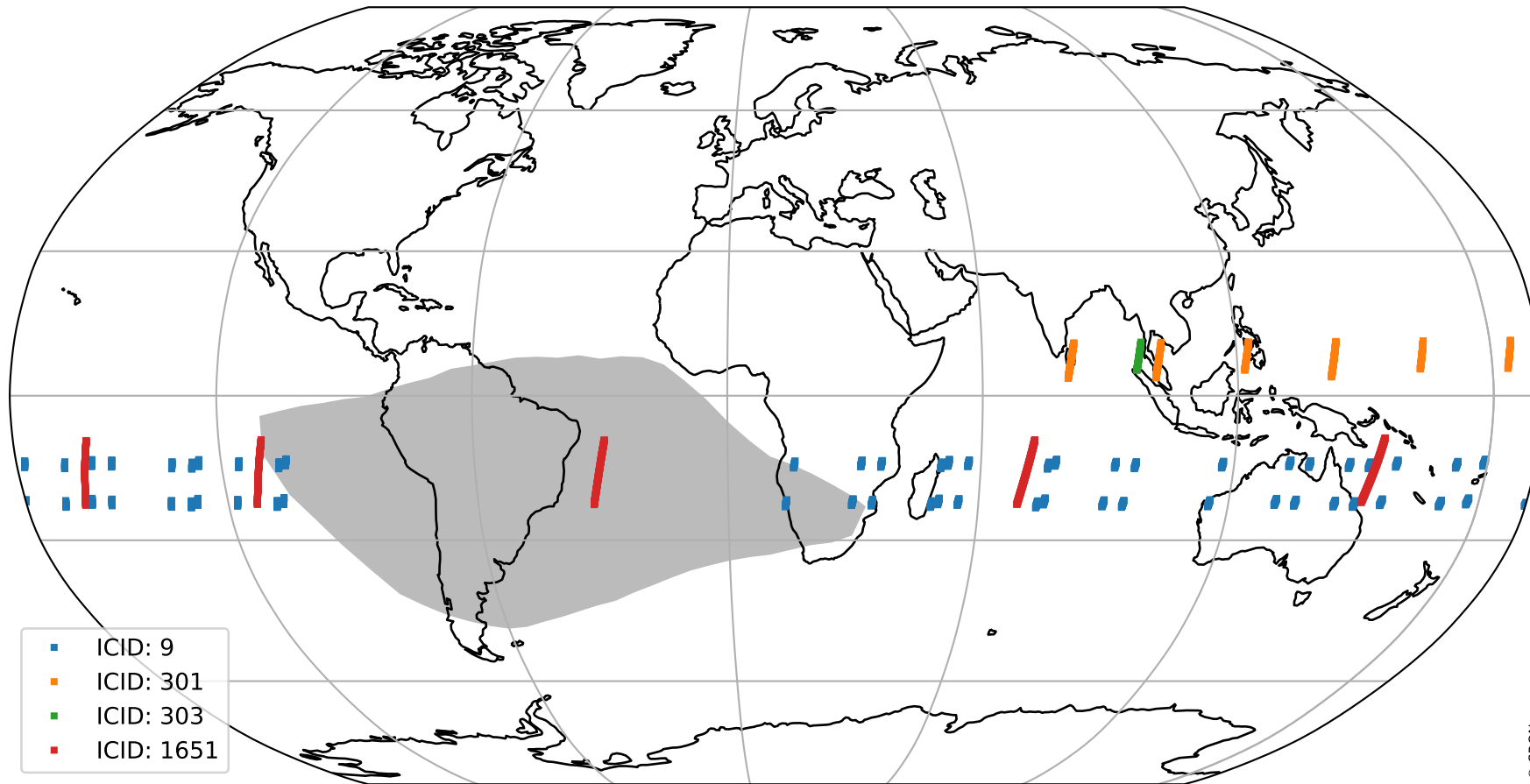
Tropomi SWIR background noise (swir)

orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
median : 0.94537
spread : 0.096696
created : 2023-08-21T14:57:06



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

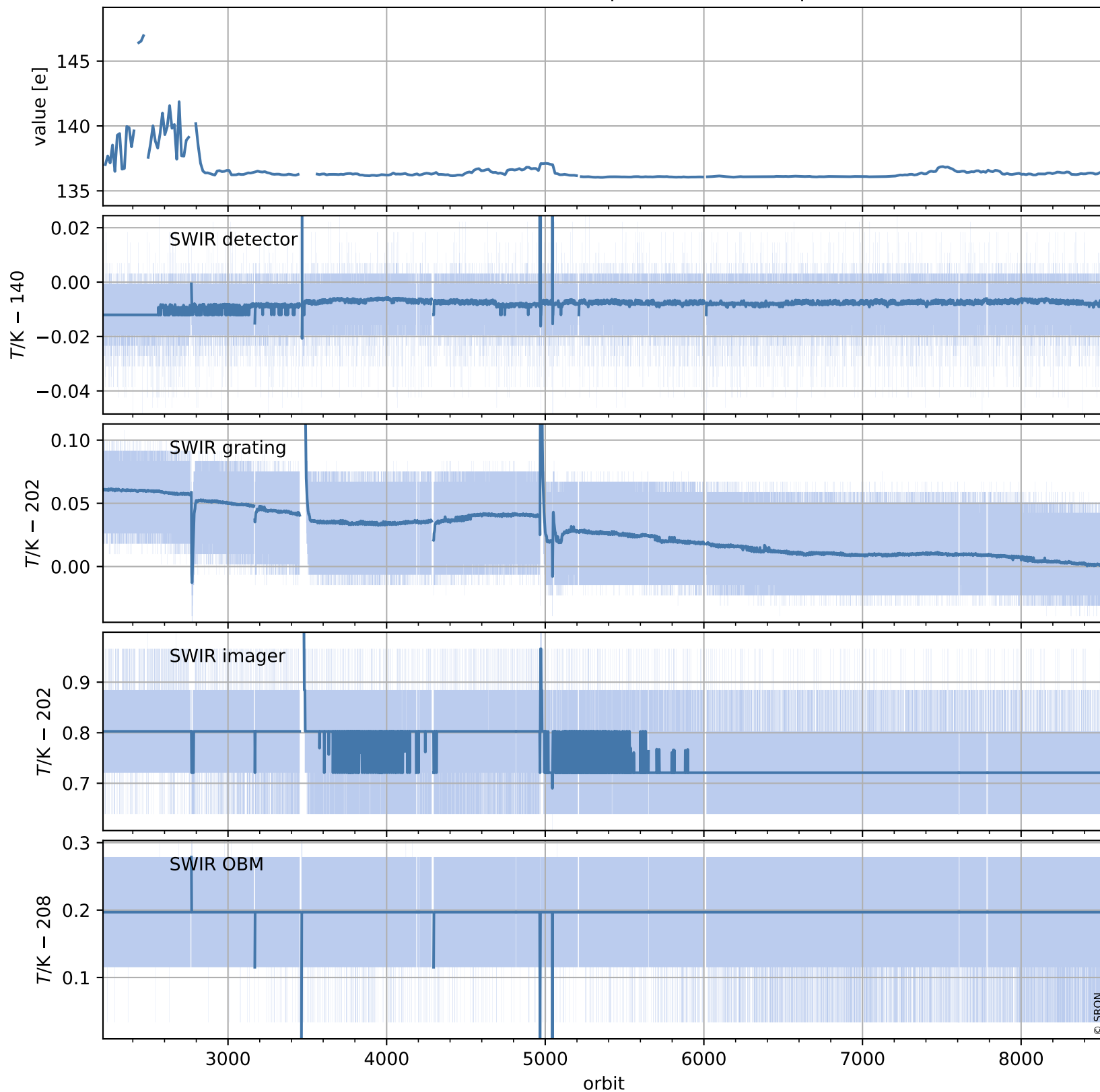
orbits : 12 in [8437, 8527]
coverage : 2019-05-31 / 2019-06-06
created : 2023-08-21T14:57:07



Tropomi SWIR background noise (swir)

orbits : [2212, 8527]
coverage : 2018-03-18 / 2019-06-06
created : 2023-08-21T14:57:07

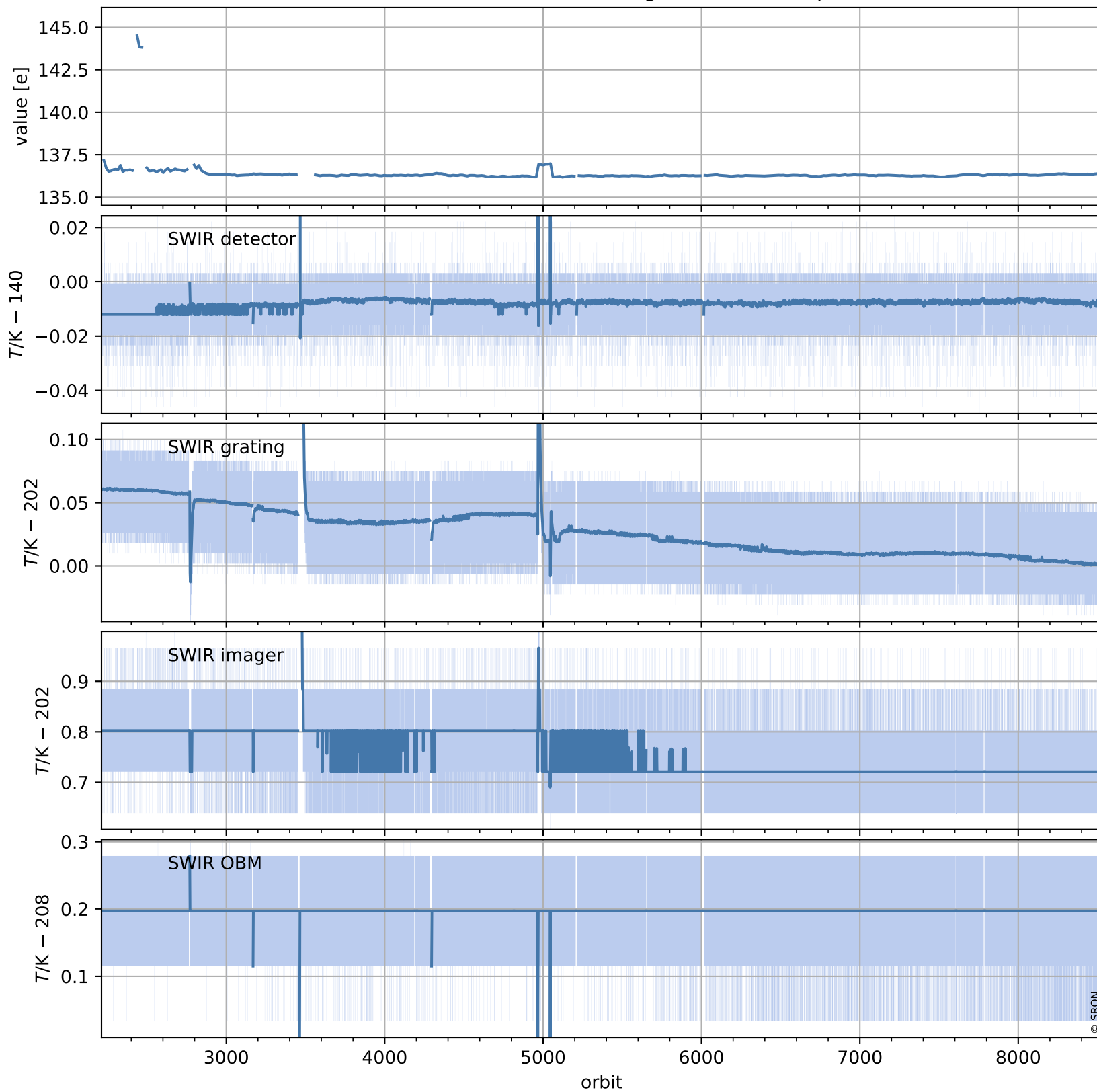
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8527]
coverage : 2018-03-18 / 2019-06-06
created : 2023-08-21T14:57:08

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8527]
coverage : 2018-03-18 / 2019-06-06
created : 2023-08-21T14:57:09

trend of normalized read-noise & temperatures

