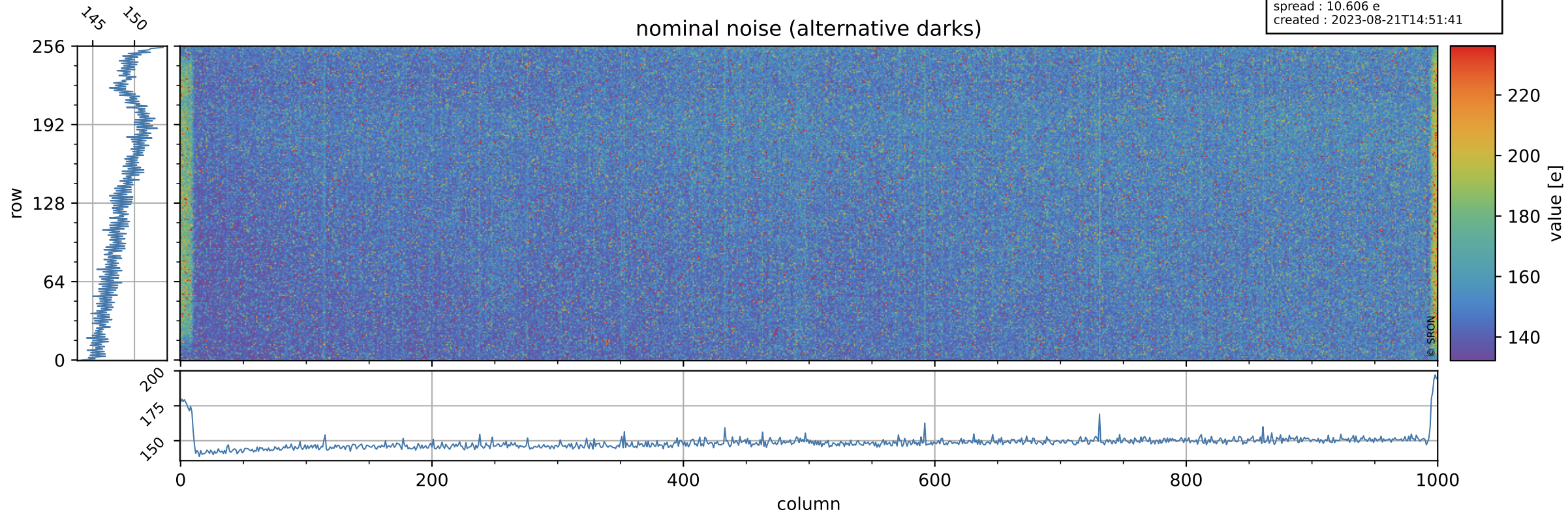


Tropomi SWIR background noise (swir)

orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.606 e
created : 2023-08-21T14:51:41

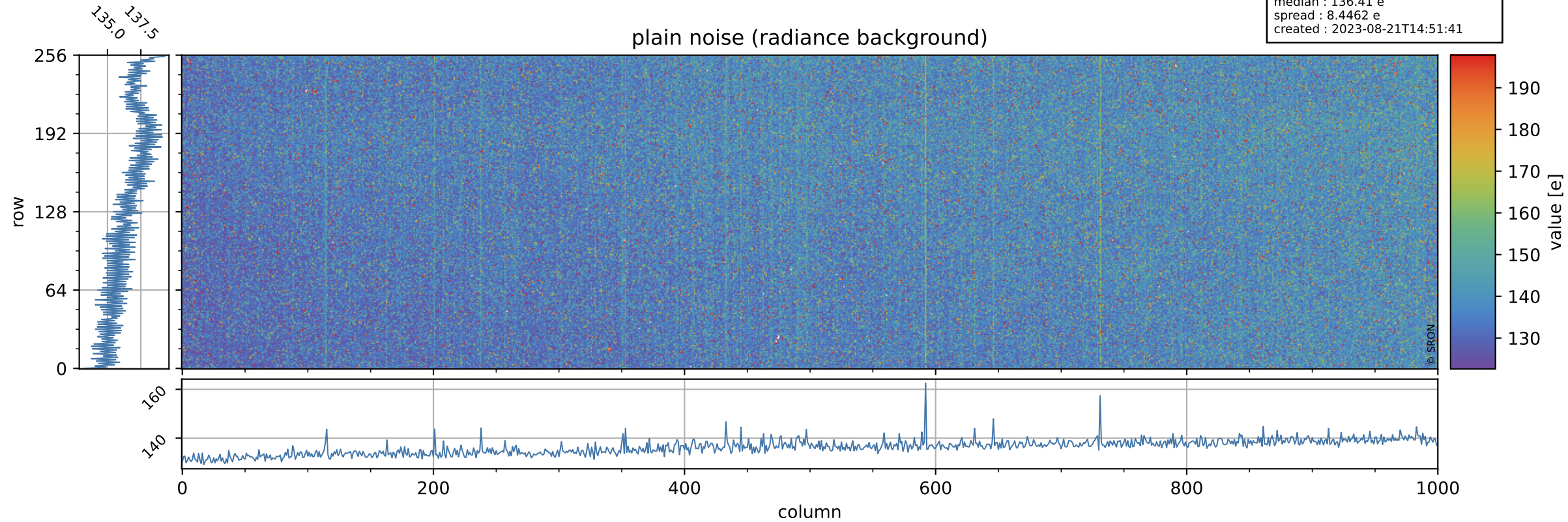
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
n_coad, t_exp : 2, 0.5383
median : 136.41 e
spread : 8.4462 e
created : 2023-08-21T14:51:41

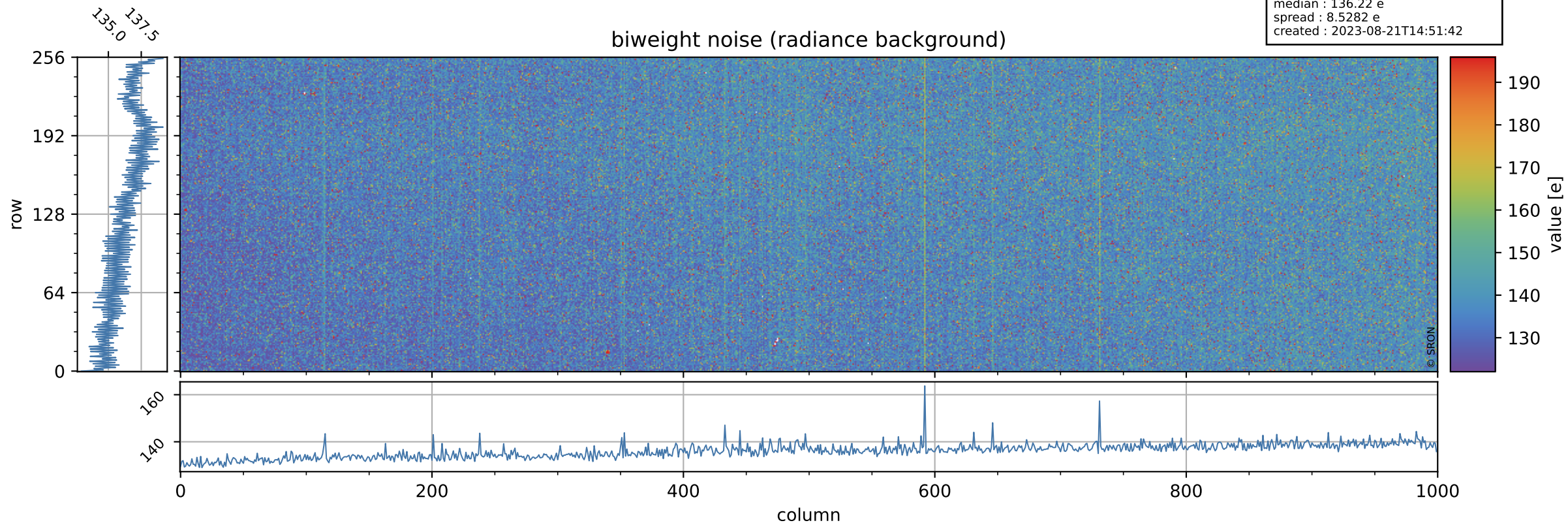
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5282 e
created : 2023-08-21T14:51:42

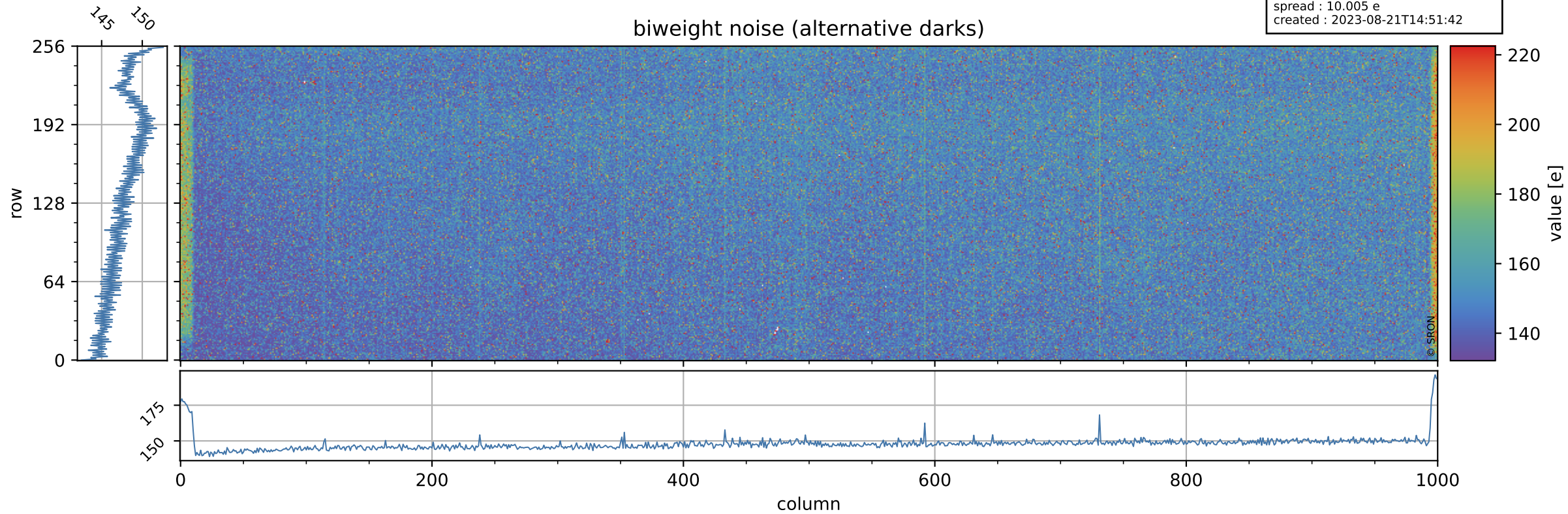
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.005 e
created : 2023-08-21T14:51:42

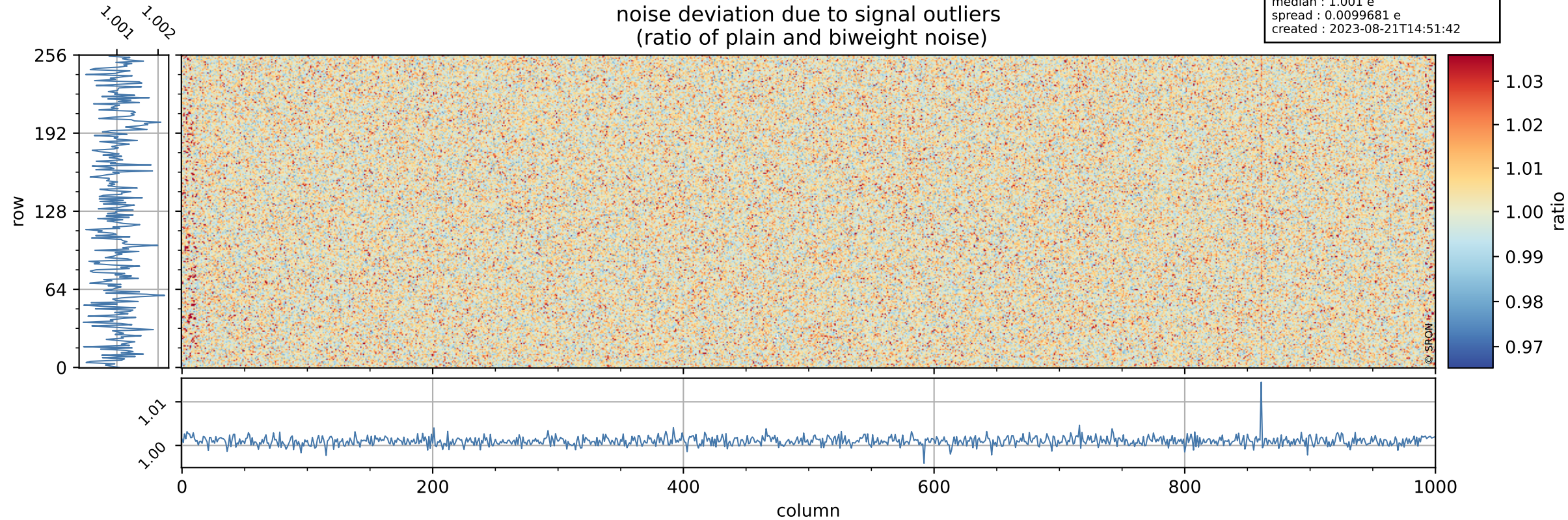
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

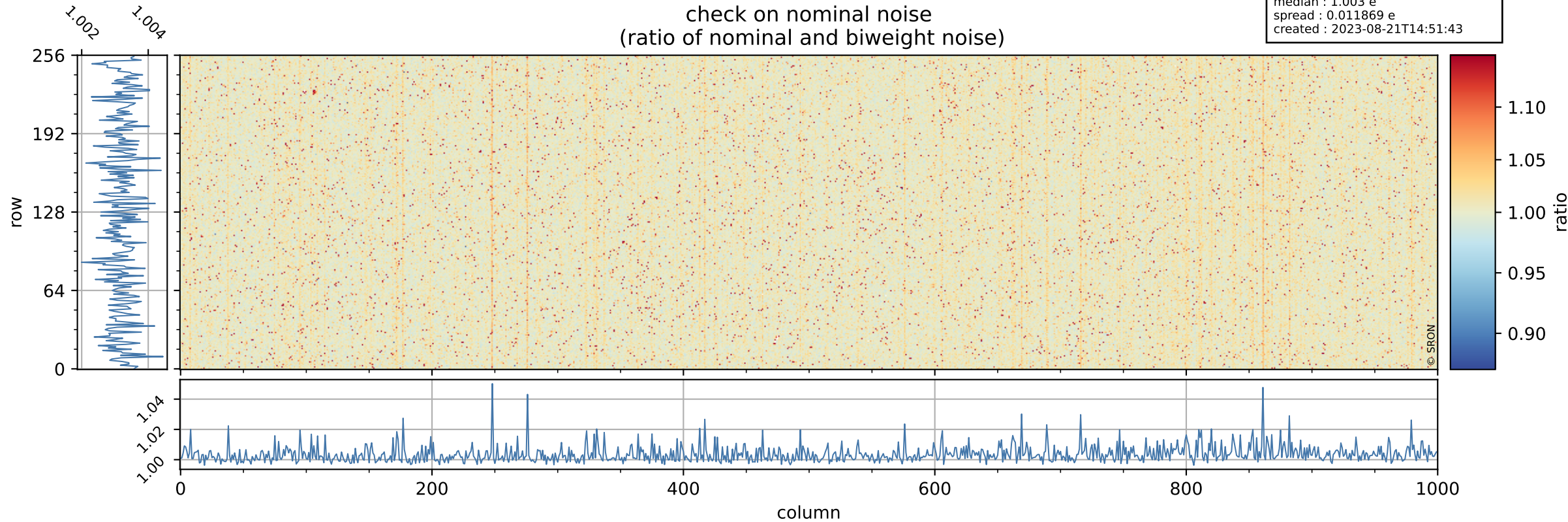
orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
median : 1.001 e
spread : 0.0099681 e
created : 2023-08-21T14:51:42



Tropomi SWIR background noise (swir)

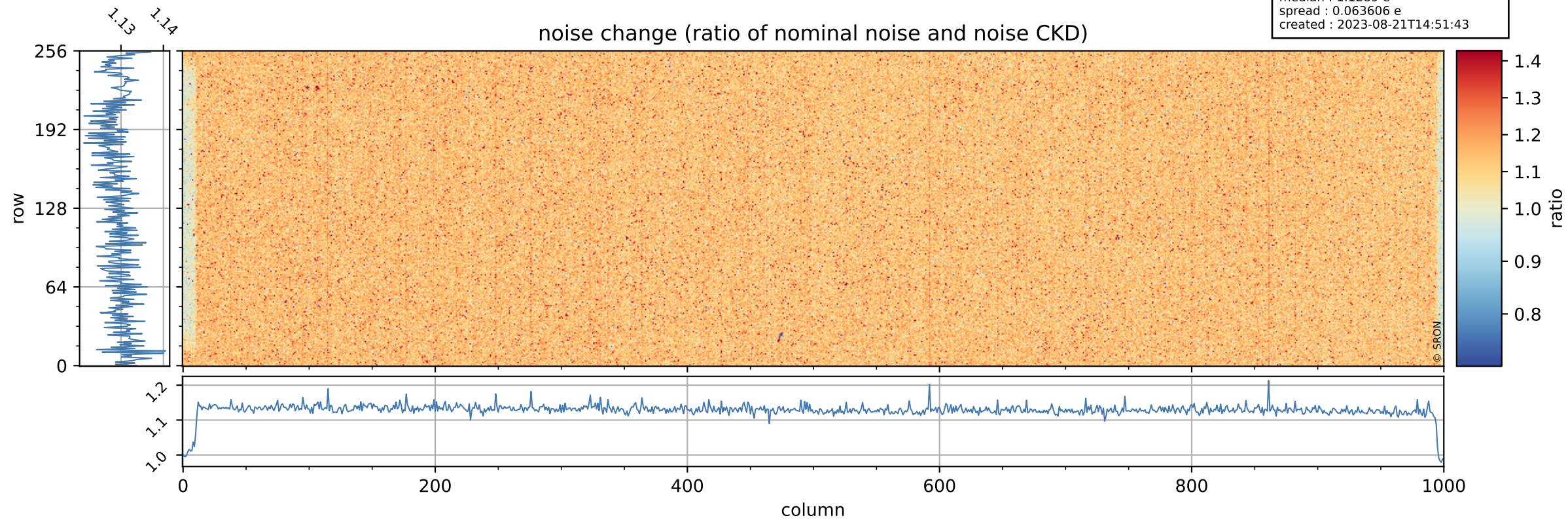
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
median : 1.003 e
spread : 0.011869 e
created : 2023-08-21T14:51:43



Tropomi SWIR background noise (swir)

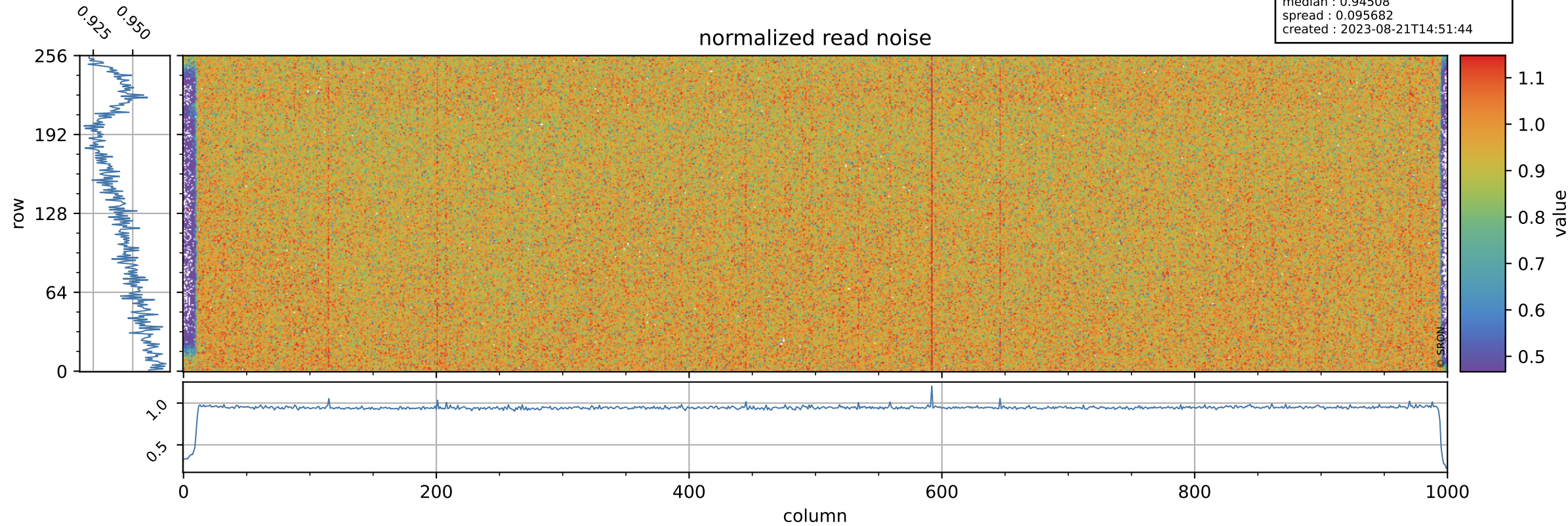
orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
median : 1.1289 e
spread : 0.063606 e
created : 2023-08-21T14:51:43



Tropomi SWIR background noise (swir)

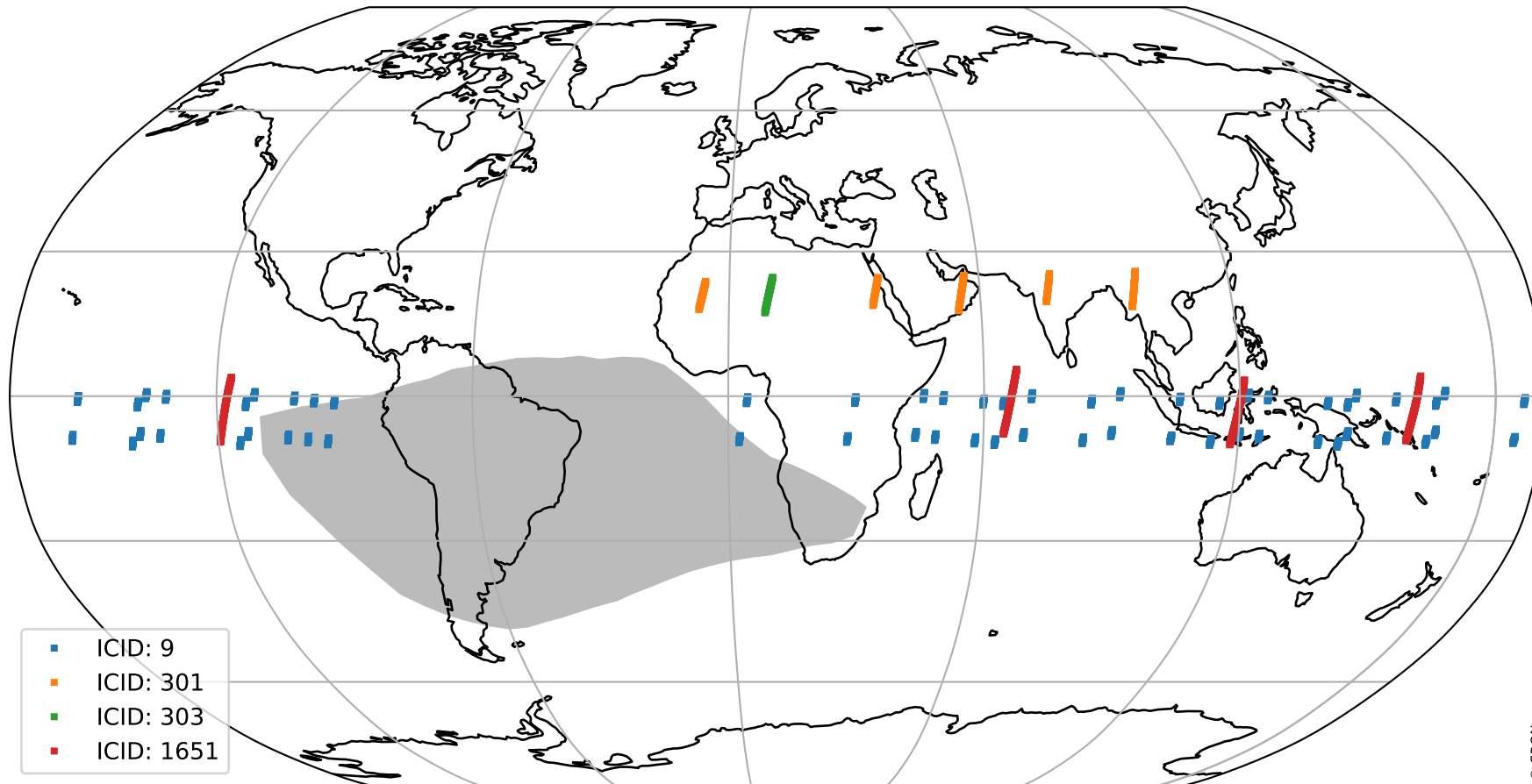
orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
median : 0.94508
spread : 0.095682
created : 2023-08-21T14:51:44

normalized read noise



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

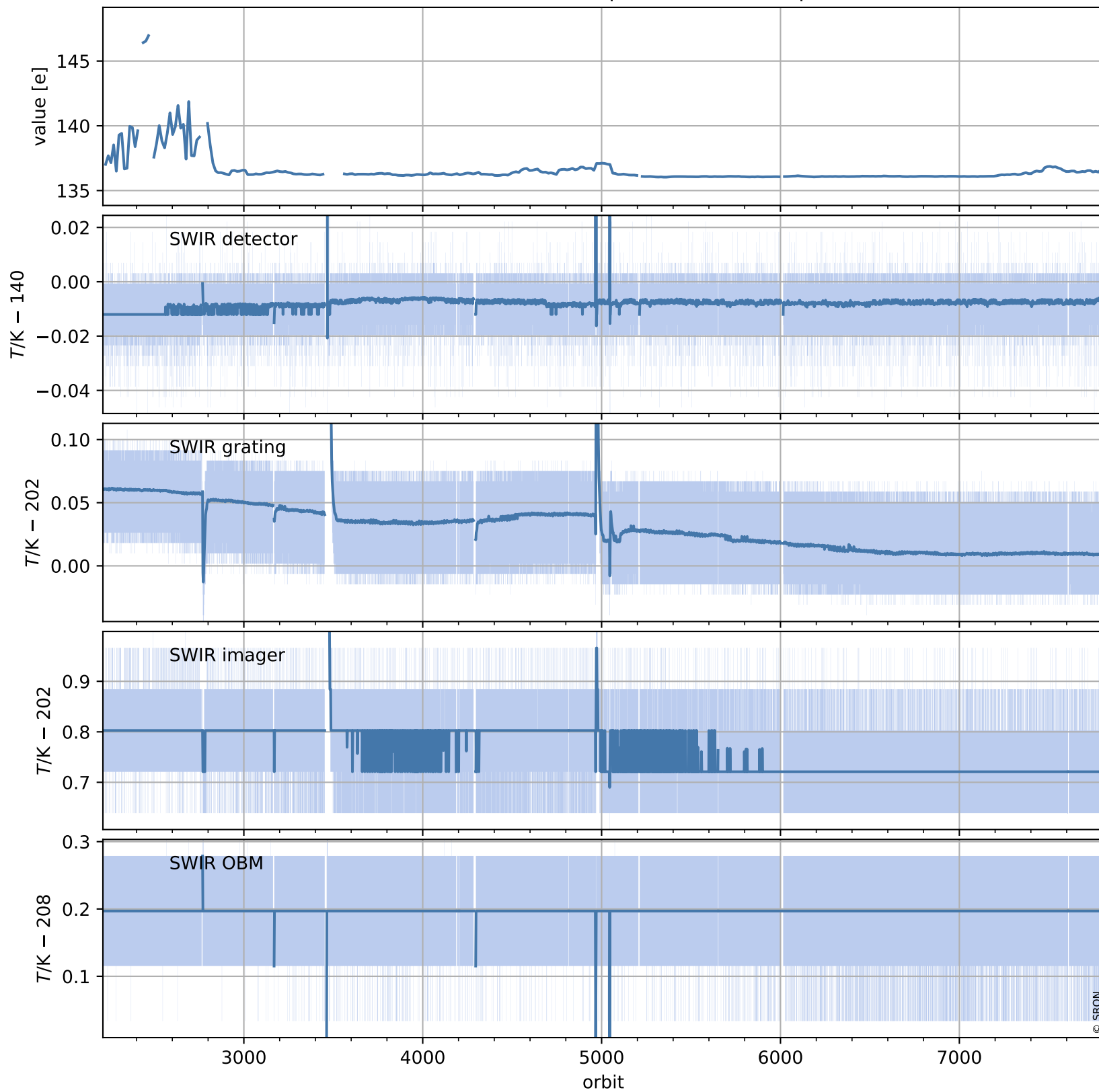
orbits : 10 in [7717, 7807]
coverage : 2019-04-10 / 2019-04-16
created : 2023-08-21T14:51:44



Tropomi SWIR background noise (swir)

orbits : [2212, 7807]
coverage : 2018-03-18 / 2019-04-16
created : 2023-08-21T14:51:44

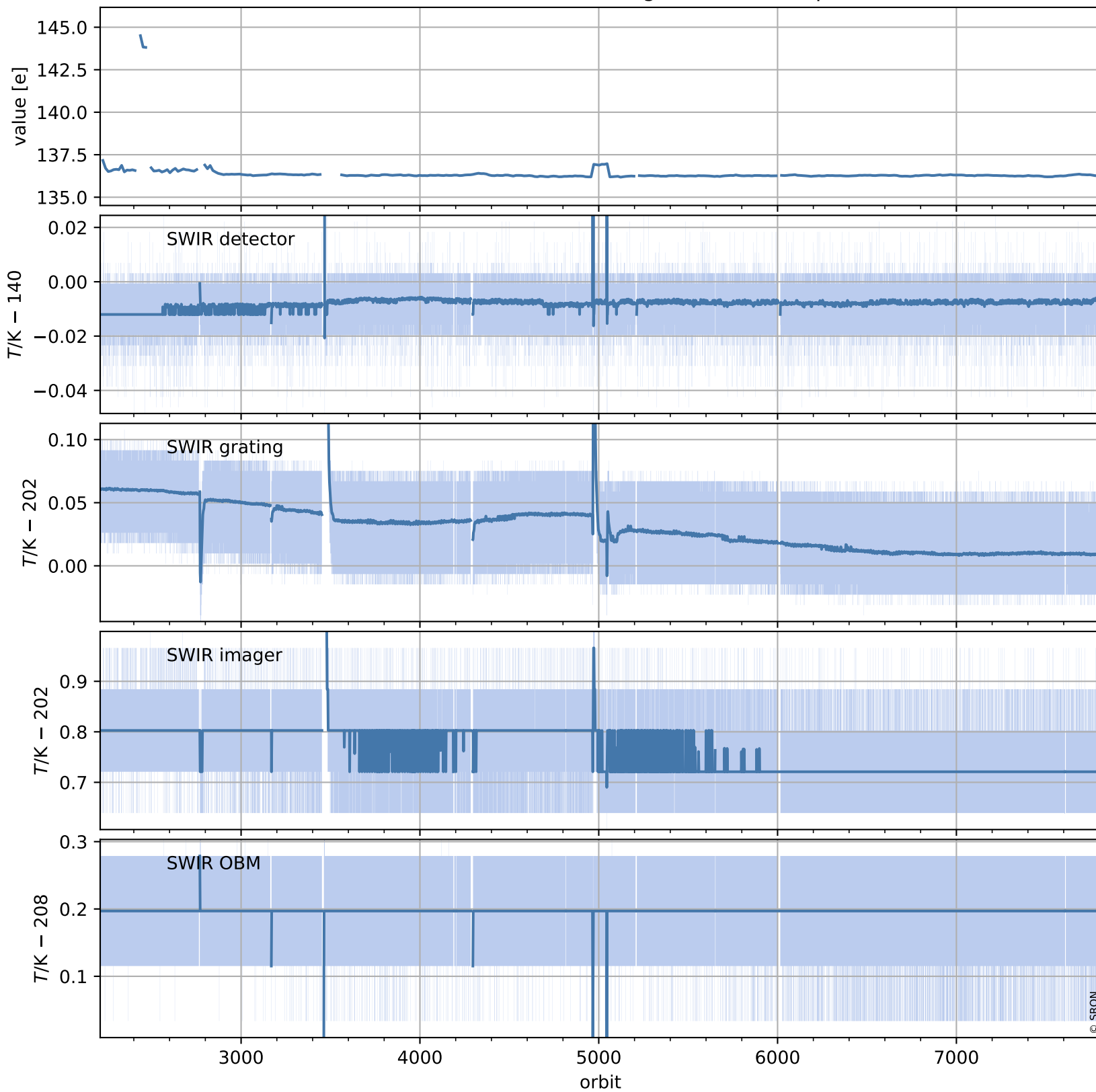
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7807]
coverage : 2018-03-18 / 2019-04-16
created : 2023-08-21T14:51:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7807]
coverage : 2018-03-18 / 2019-04-16
created : 2023-08-21T14:51:46

trend of normalized read-noise & temperatures

