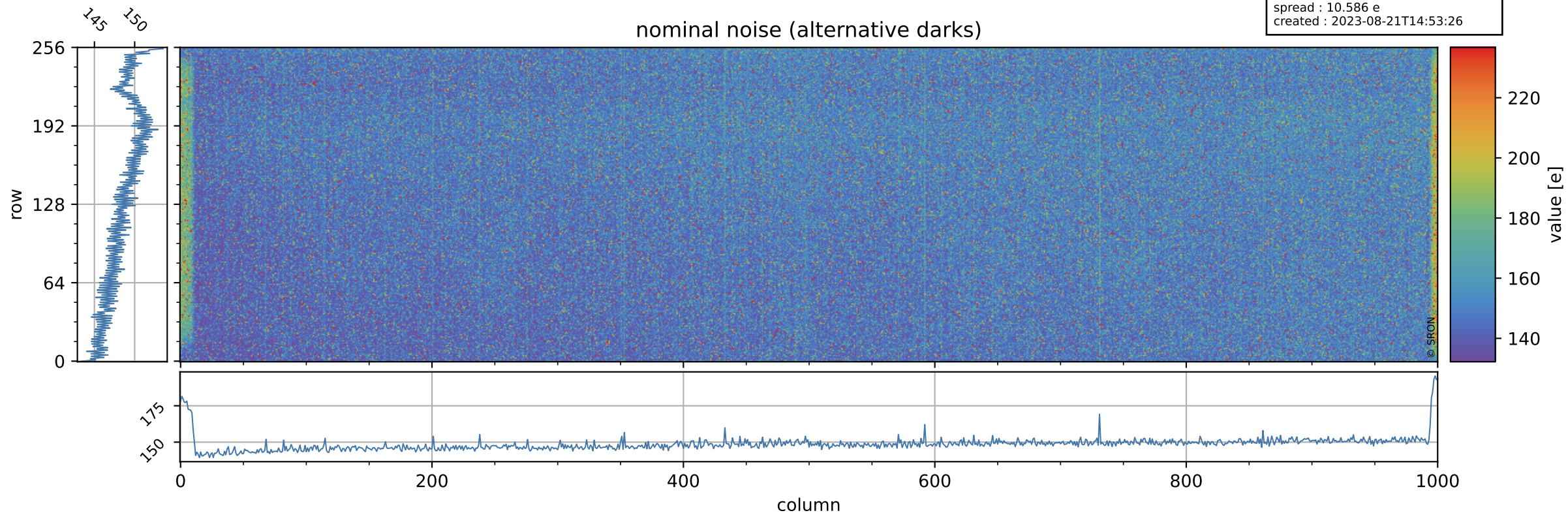


Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
n_coad, t_exp : 1, 1.0783
median : 148.44 e
spread : 10.586 e
created : 2023-08-21T14:53:26

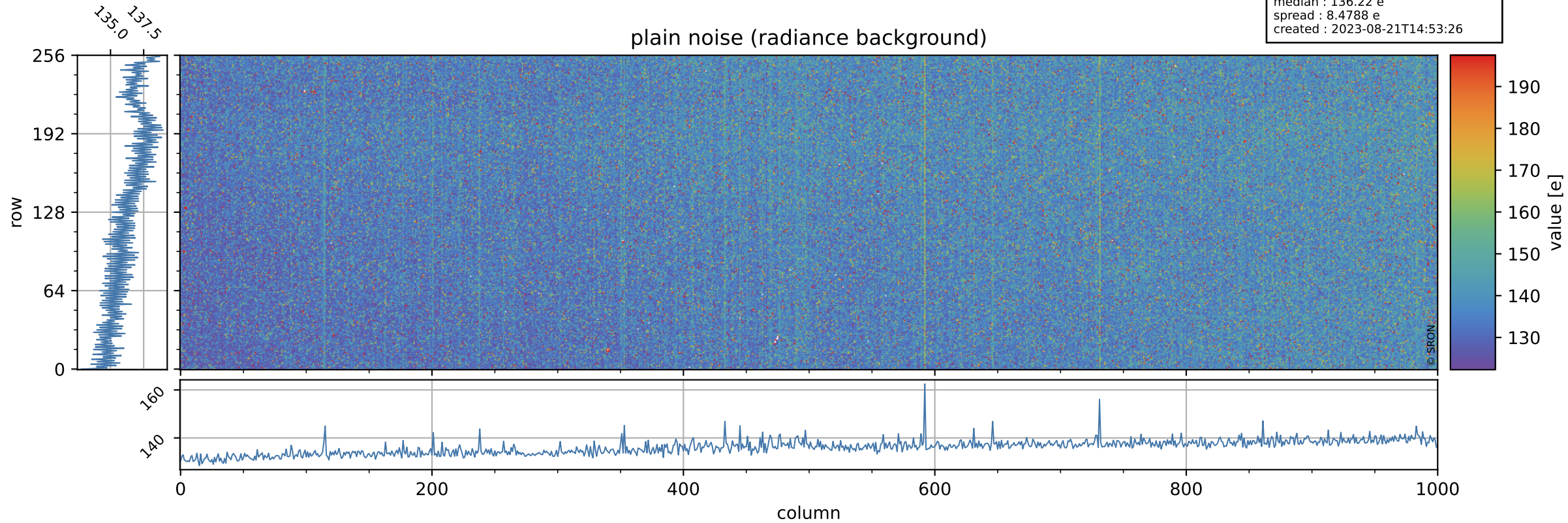
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.4788 e
created : 2023-08-21T14:53:26

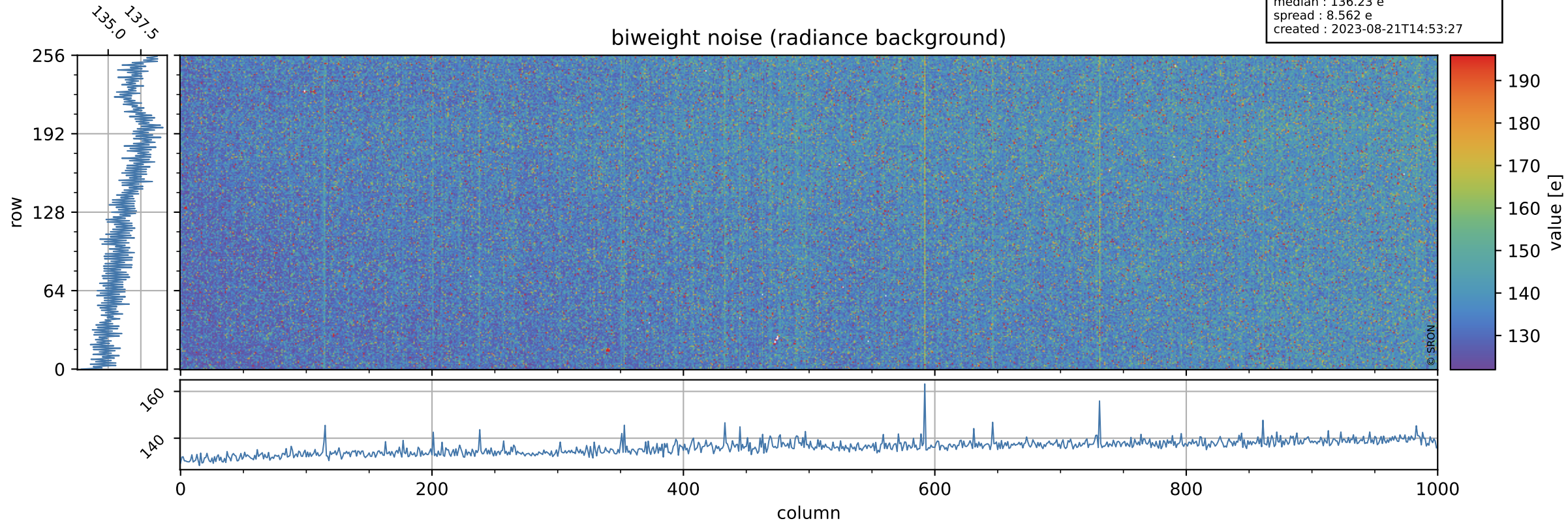
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.562 e
created : 2023-08-21T14:53:27

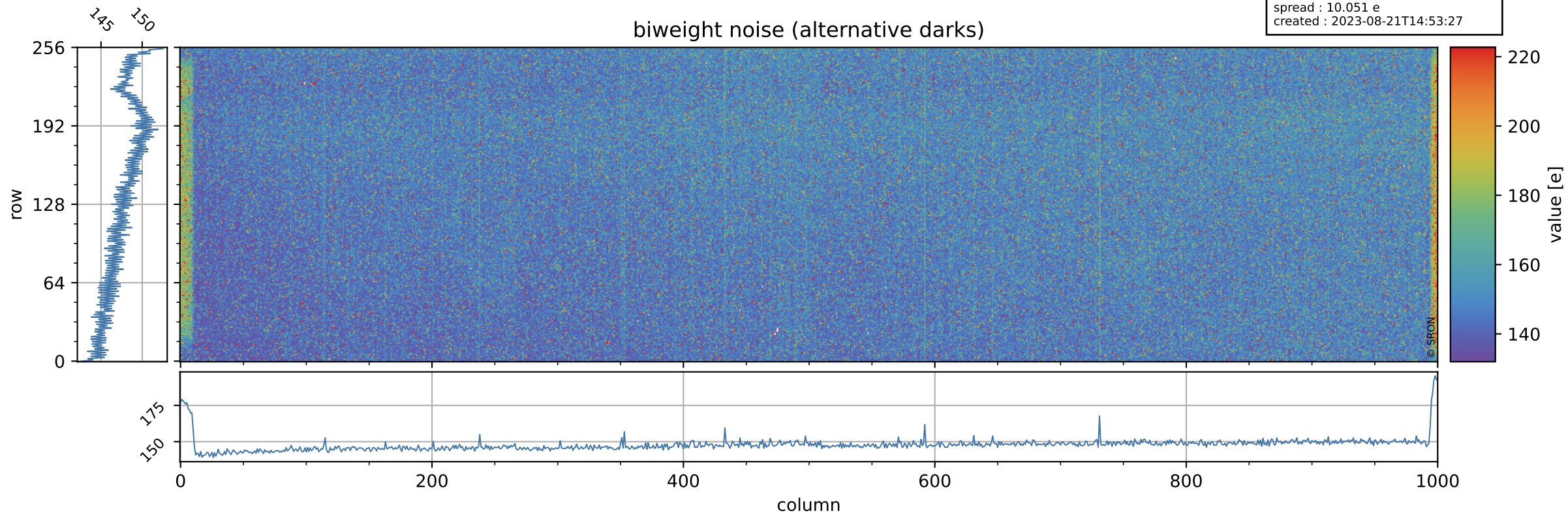
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.051 e
created : 2023-08-21T14:53:27

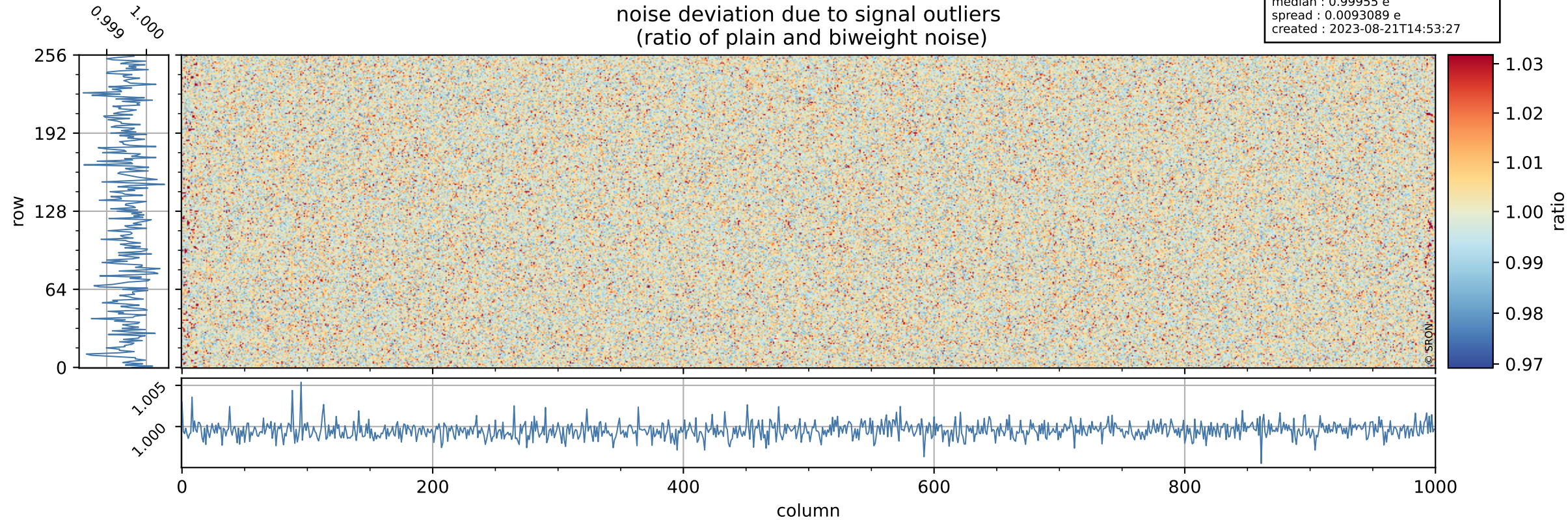
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

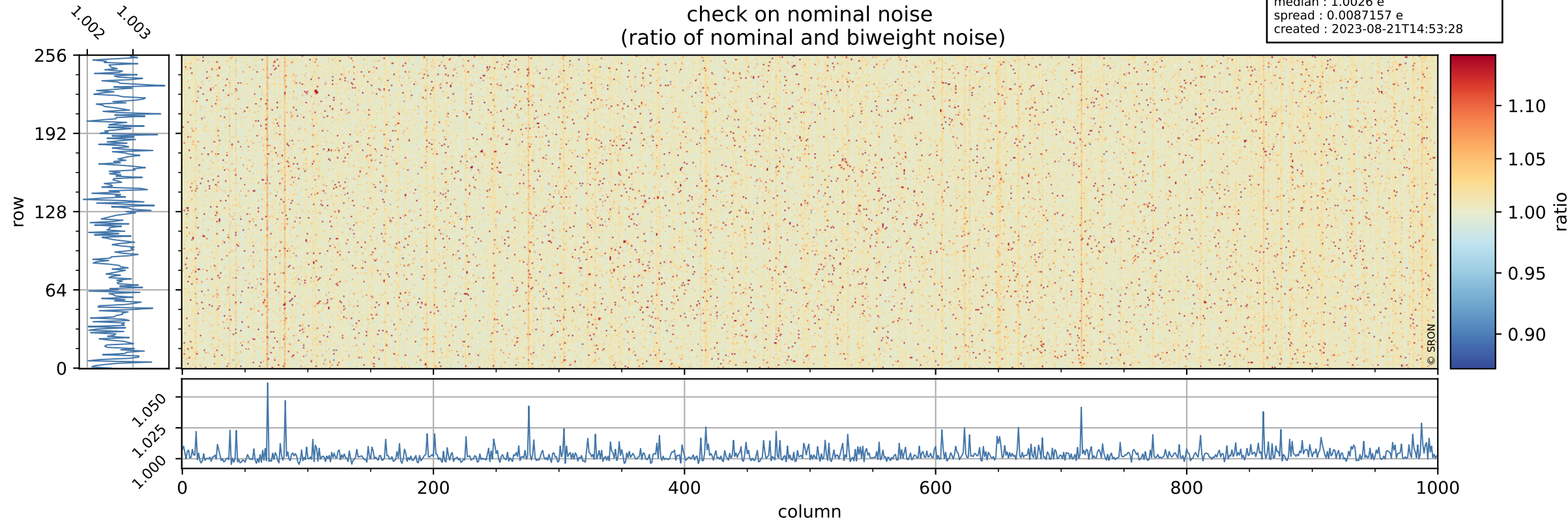
orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
median : 0.99955 e
spread : 0.0093089 e
created : 2023-08-21T14:53:27



Tropomi SWIR background noise (swir)

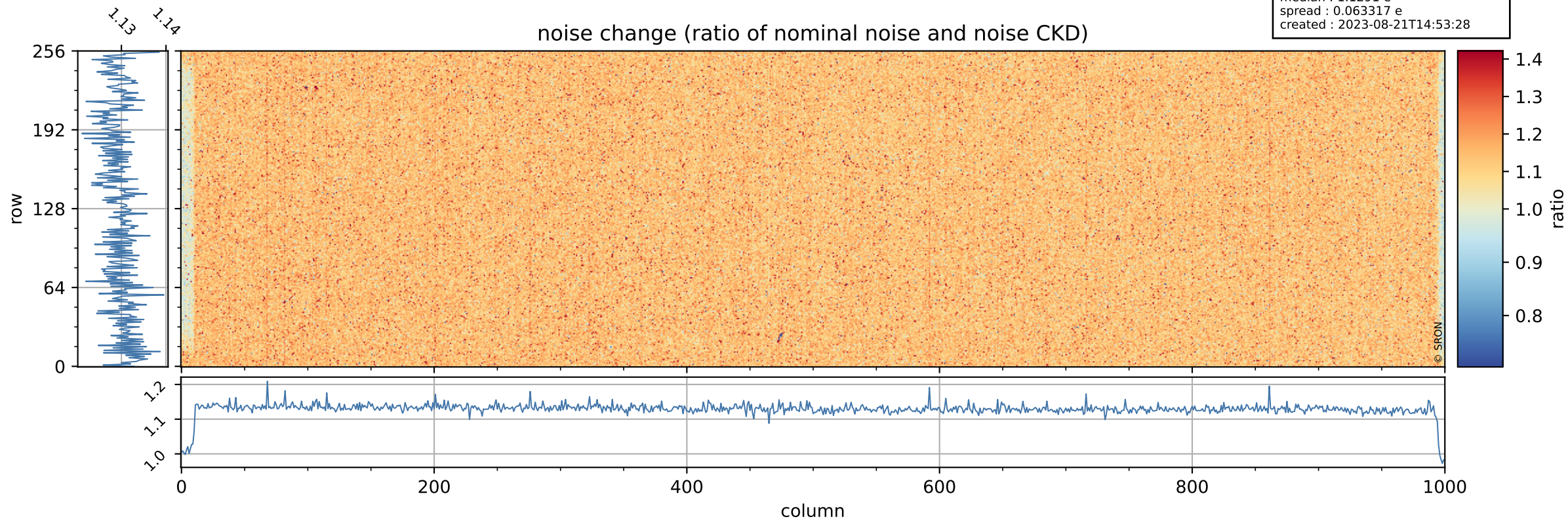
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
median : 1.0026 e
spread : 0.0087157 e
created : 2023-08-21T14:53:28



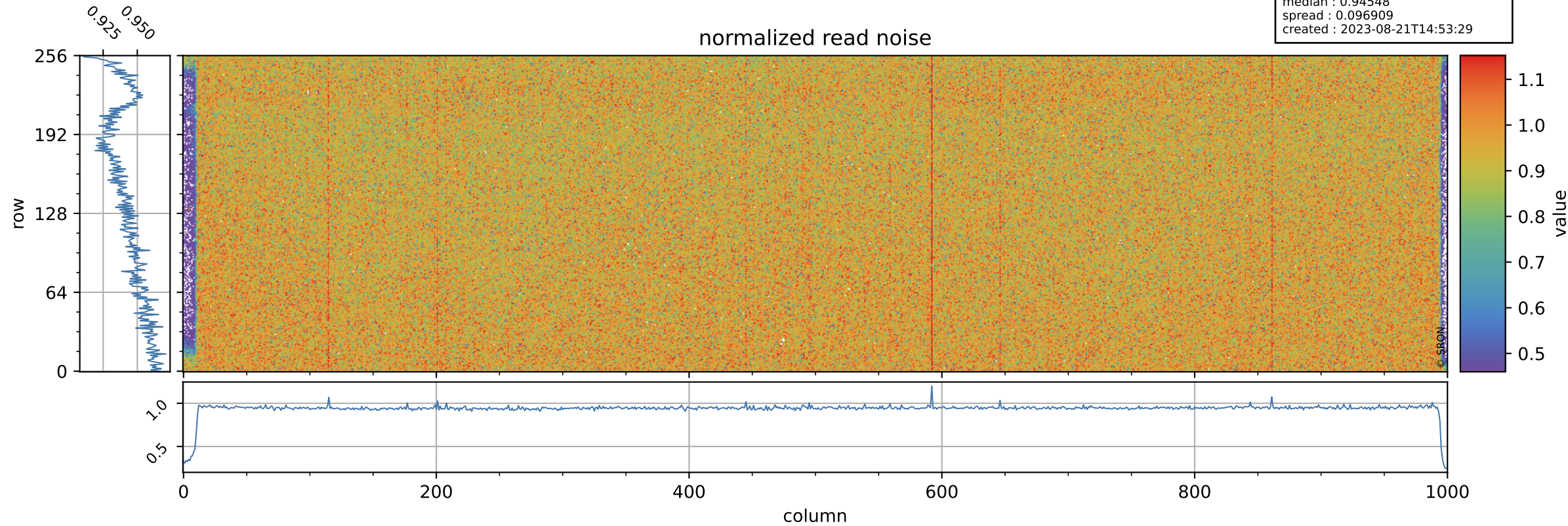
Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
median : 1.1291 e
spread : 0.063317 e
created : 2023-08-21T14:53:28



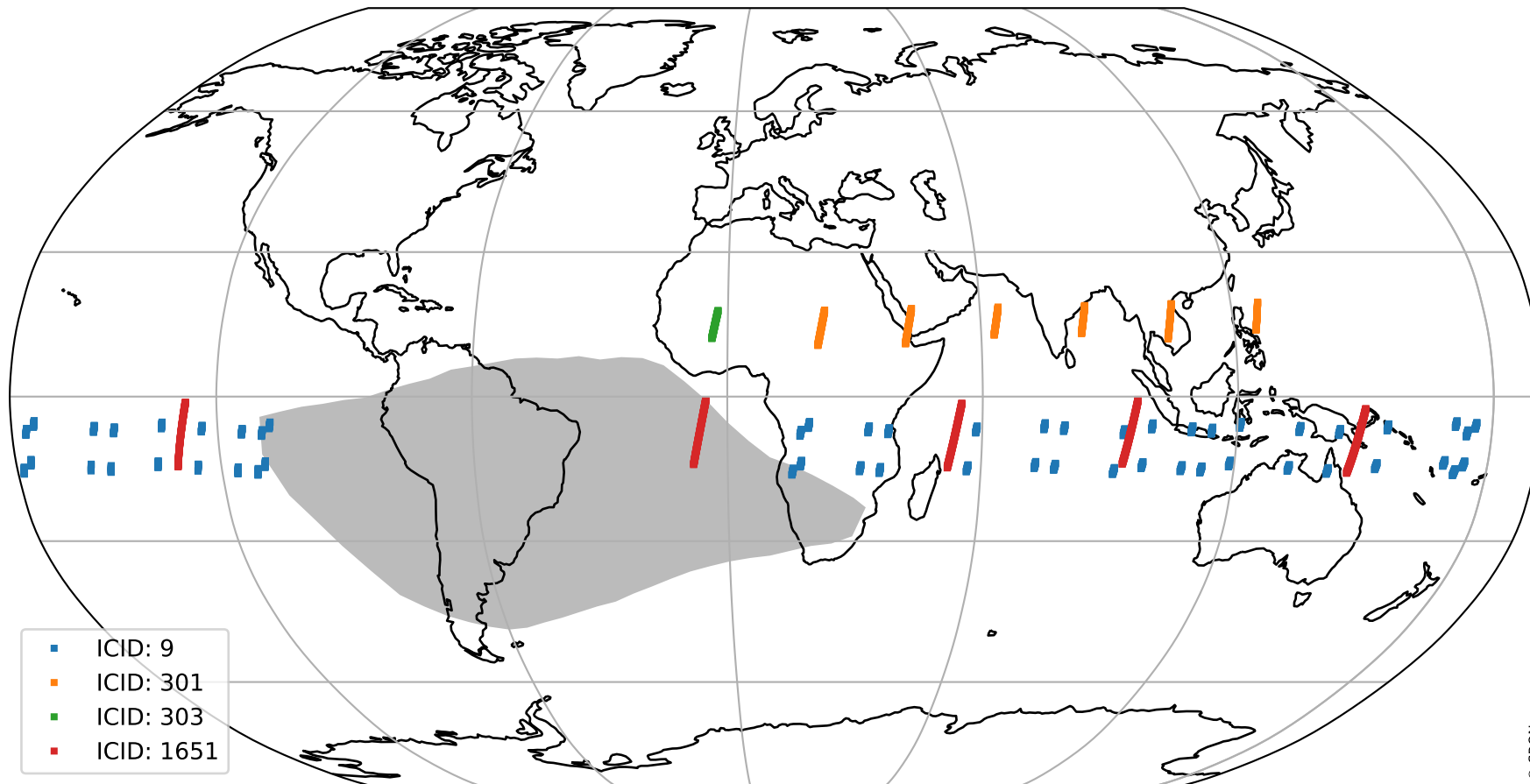
Tropomi SWIR background noise (swir)

orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
median : 0.94548
spread : 0.096909
created : 2023-08-21T14:53:29



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

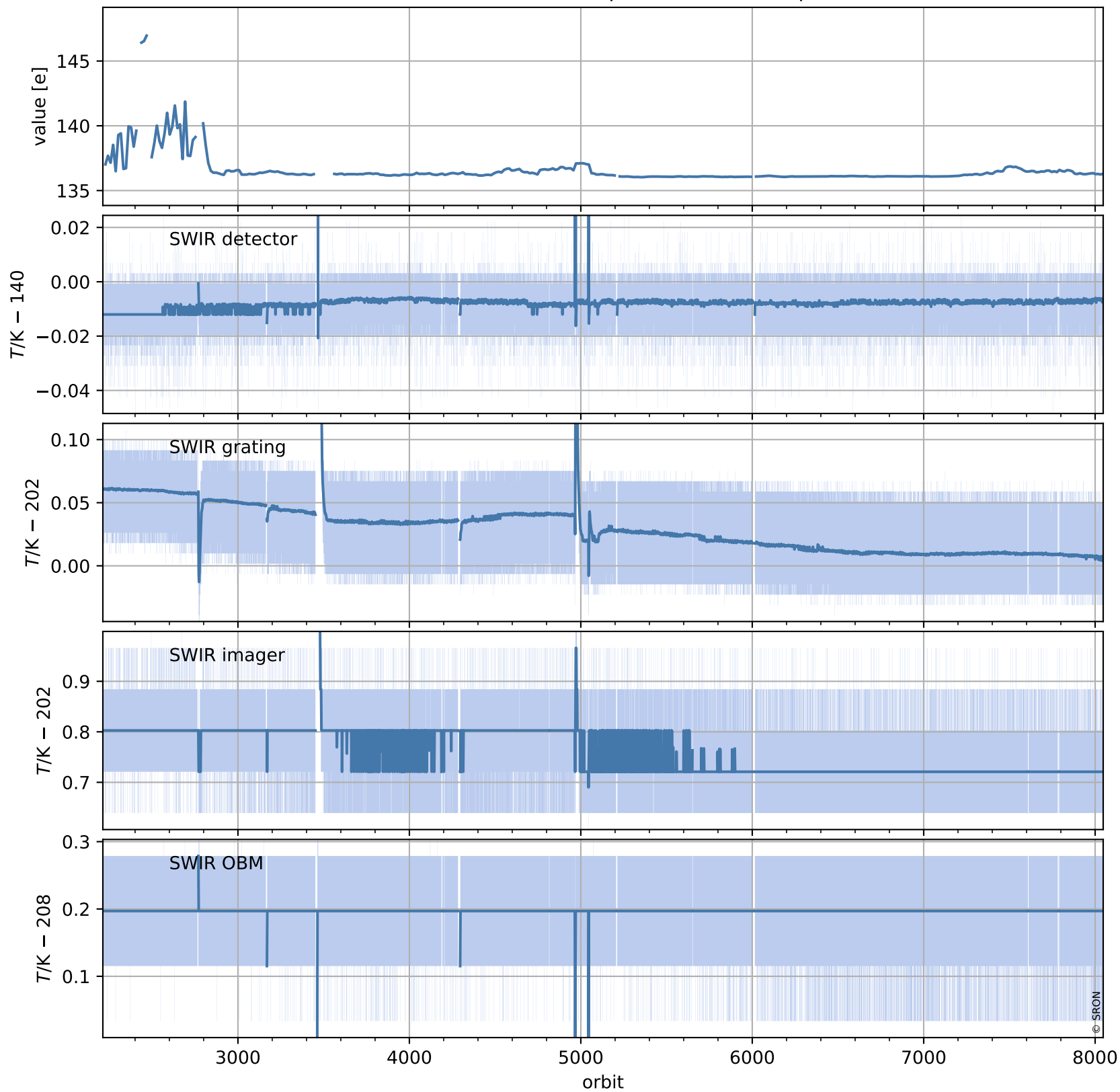
orbits : 12 in [7957, 8047]
coverage : 2019-04-27 / 2019-05-03
created : 2023-08-21T14:53:30



Tropomi SWIR background noise (swir)

orbits : [2212, 8047]
coverage : 2018-03-18 / 2019-05-03
created : 2023-08-21T14:53:30

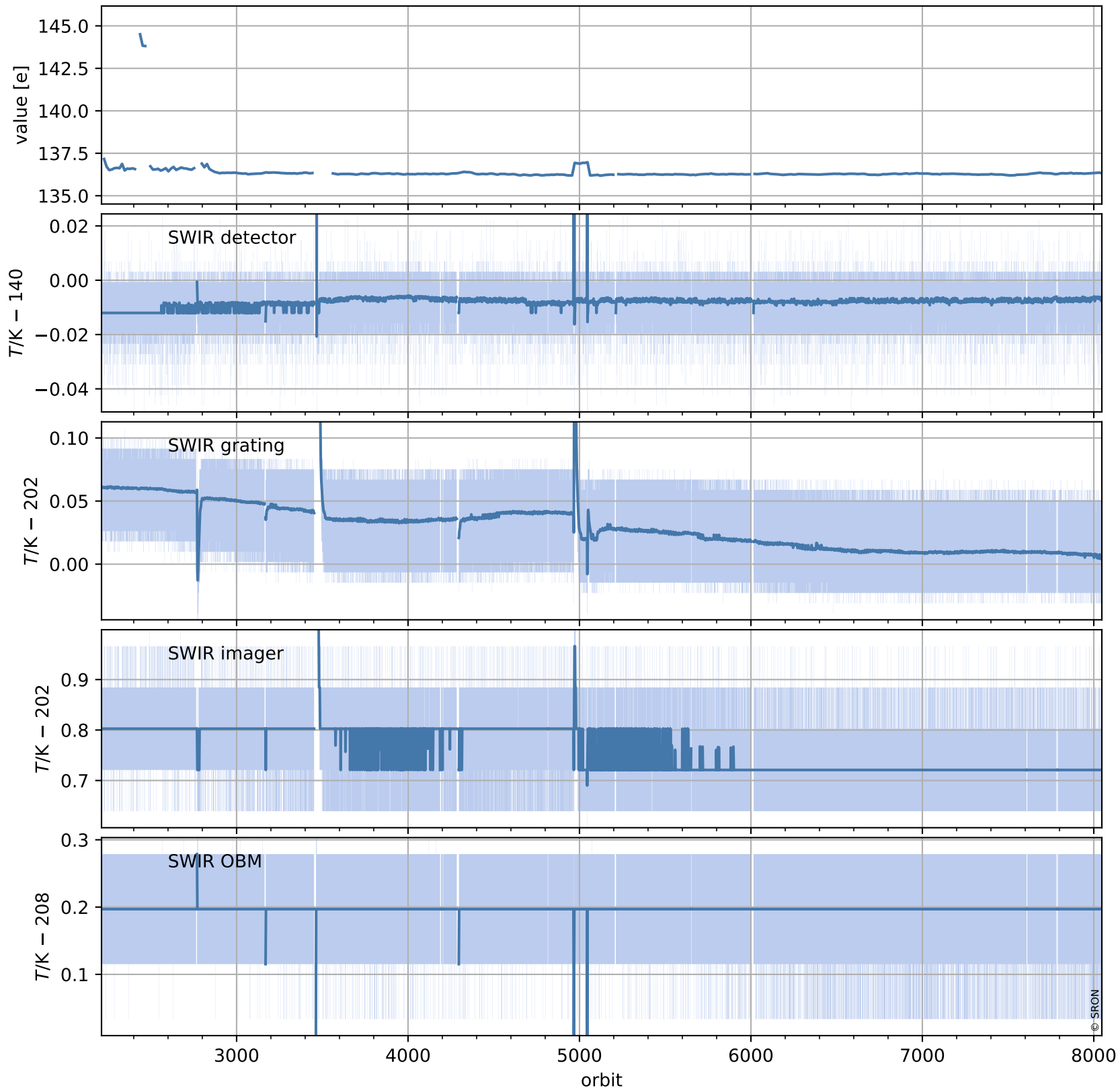
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8047]
coverage : 2018-03-18 / 2019-05-03
created : 2023-08-21T14:53:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8047]
coverage : 2018-03-18 / 2019-05-03
created : 2023-08-21T14:53:32

trend of normalized read-noise & temperatures

