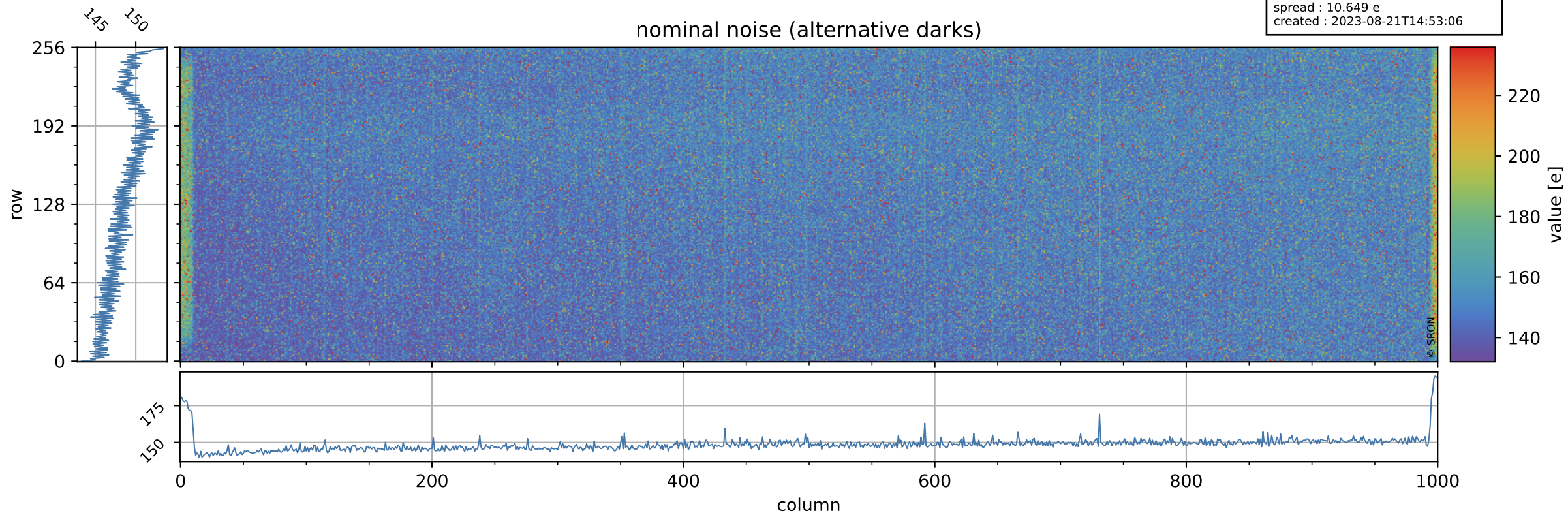


Tropomi SWIR background noise (swir)

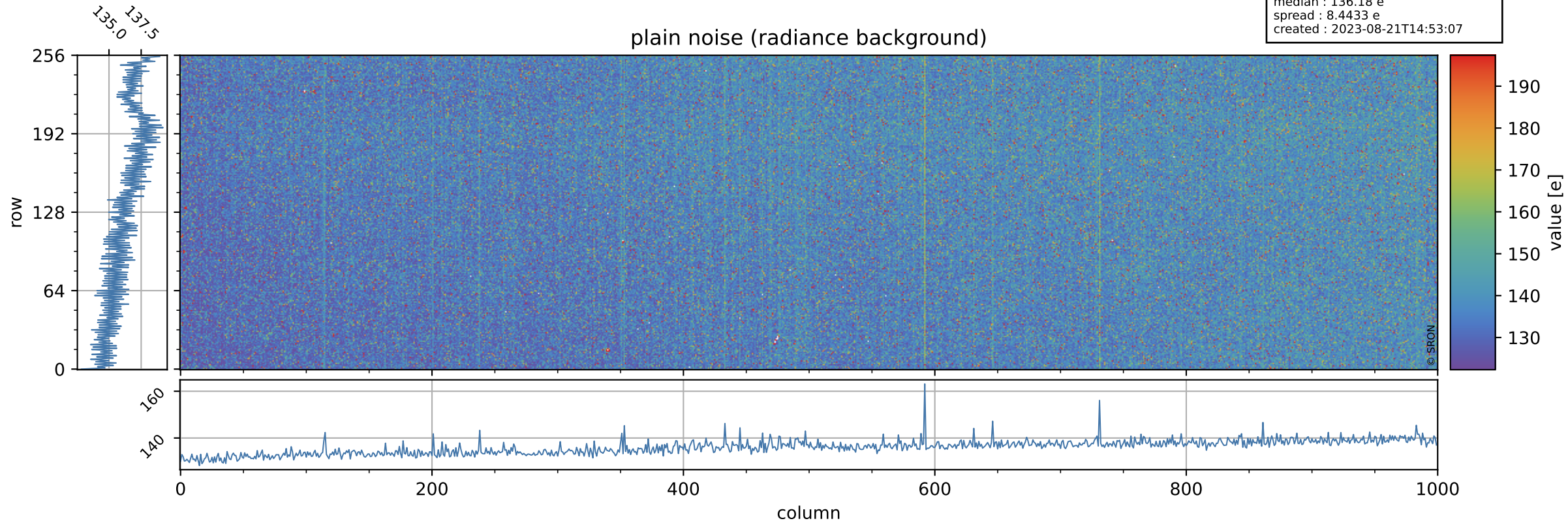
orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.649 e
created : 2023-08-21T14:53:06



Tropomi SWIR background noise (swir)

orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4433 e
created : 2023-08-21T14:53:07

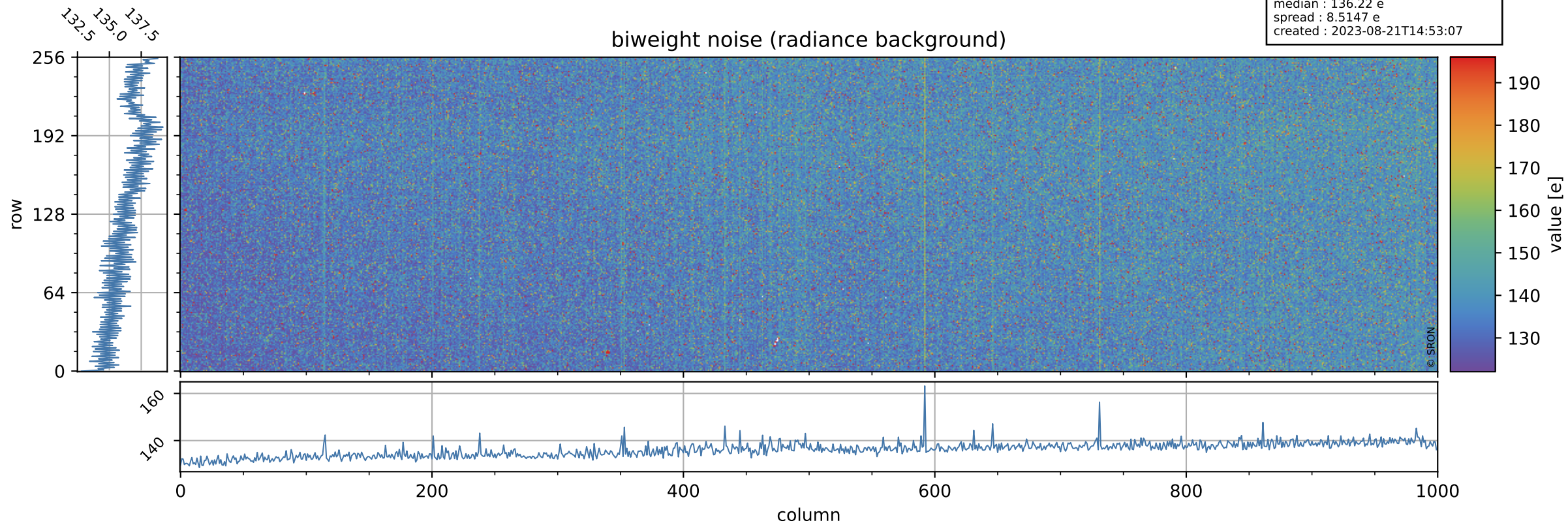
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5147 e
created : 2023-08-21T14:53:07

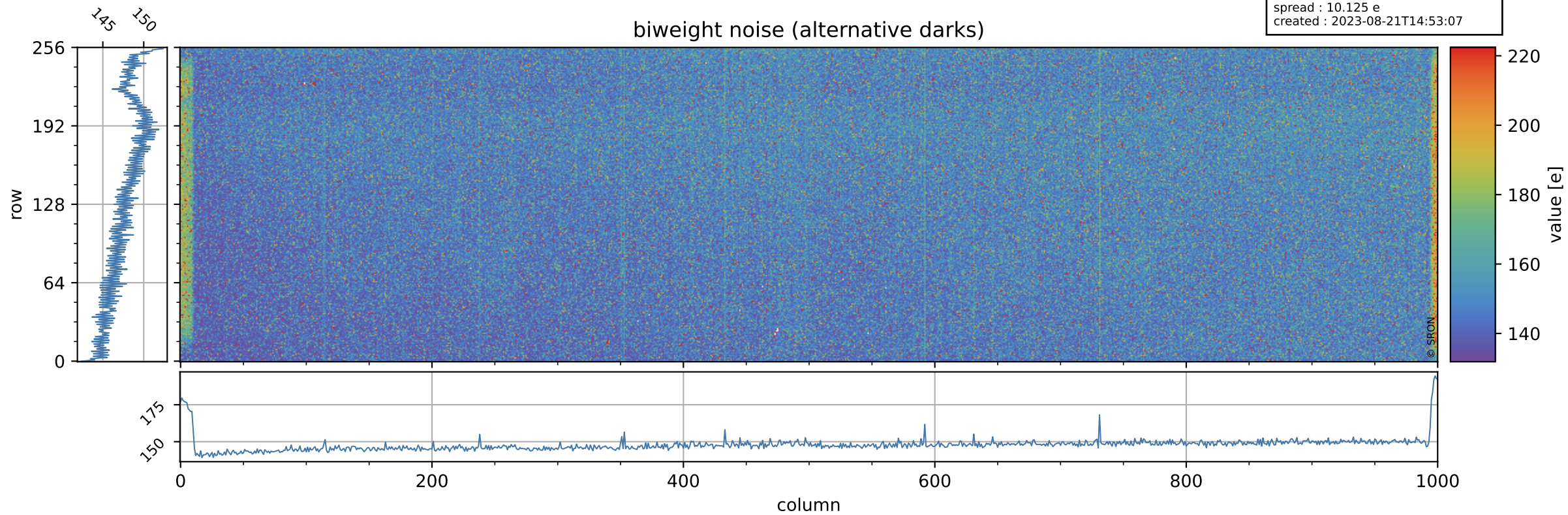
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.125 e
created : 2023-08-21T14:53:07

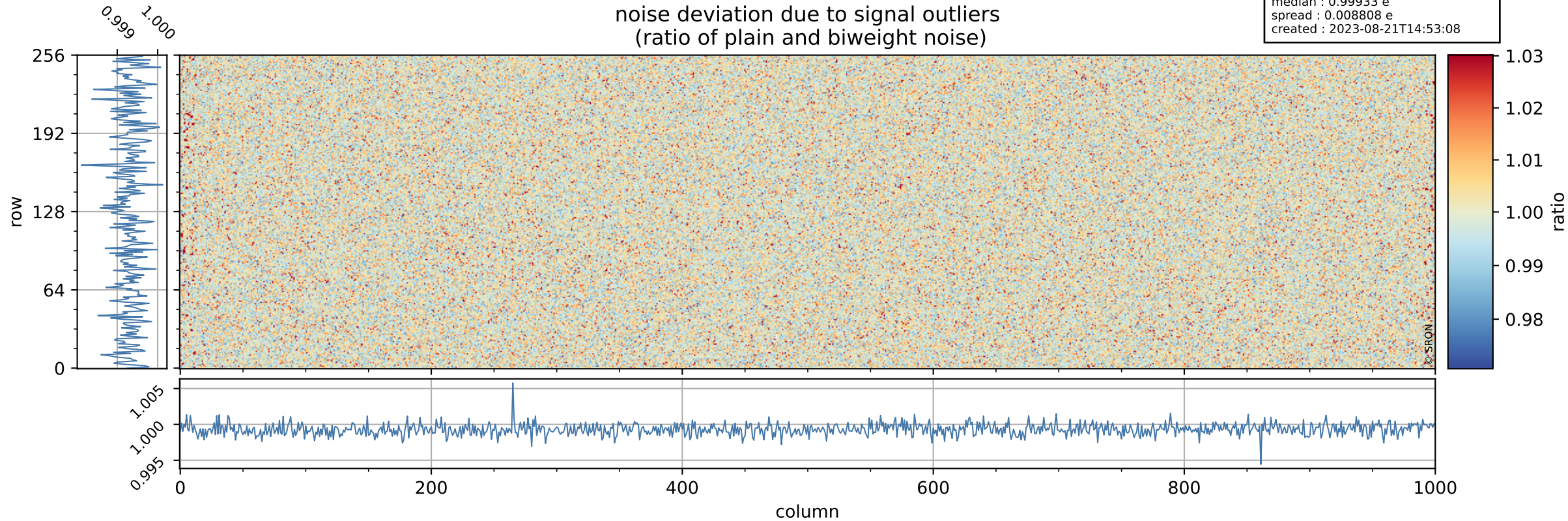
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

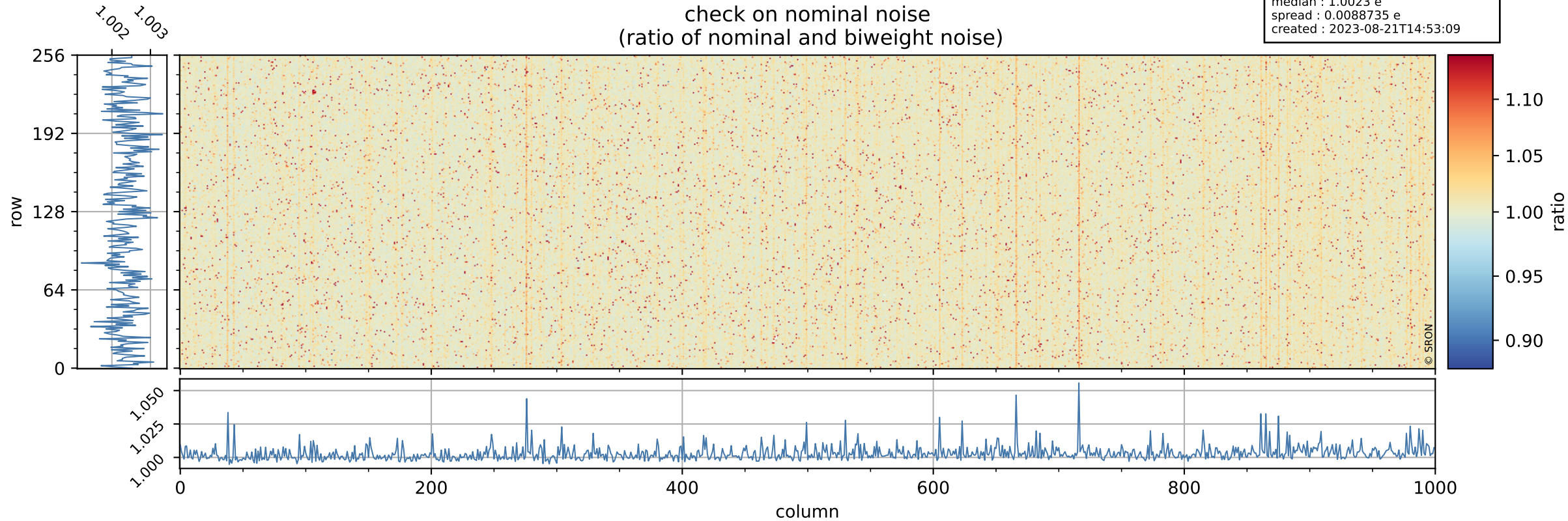
orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
median : 0.99933 e
spread : 0.008808 e
created : 2023-08-21T14:53:08



Tropomi SWIR background noise (swir)

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

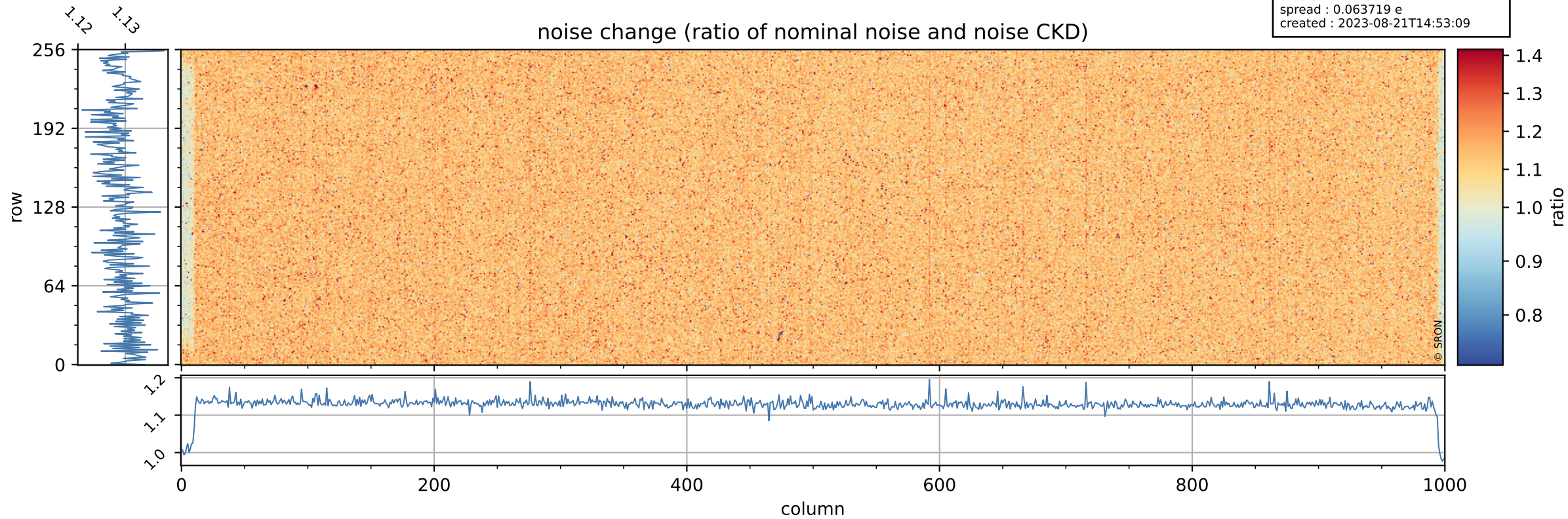
orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
median : 1.0023 e
spread : 0.0088735 e
created : 2023-08-21T14:53:09



Tropomi SWIR background noise (swir)

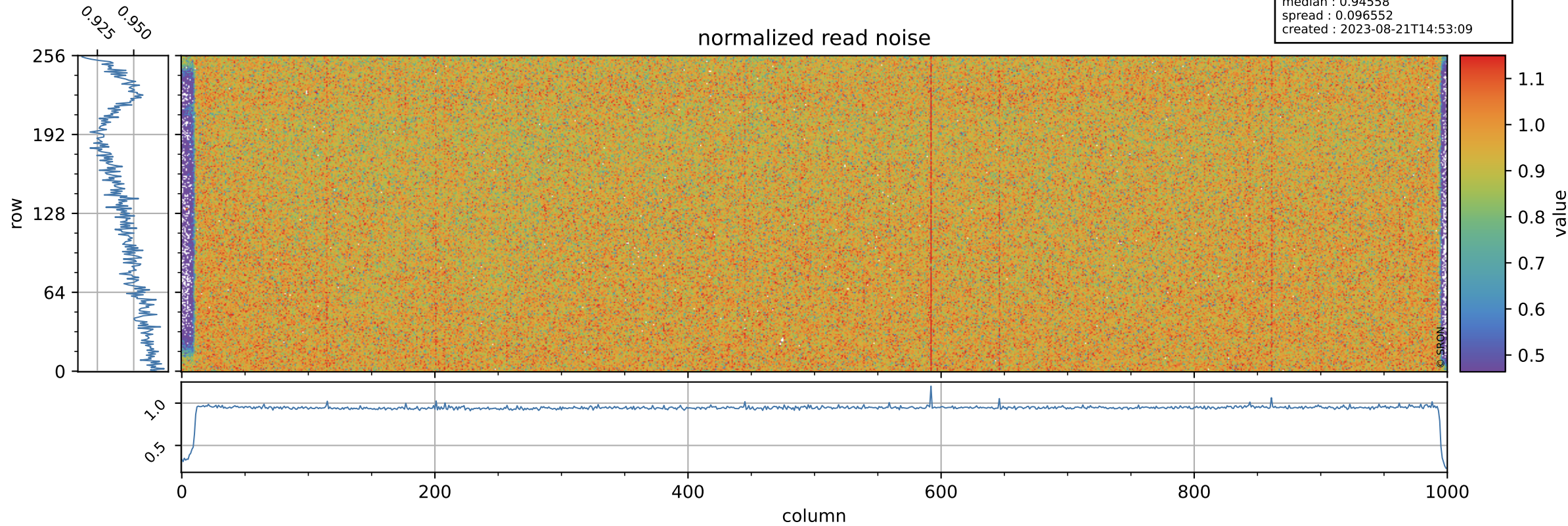
orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
median : 1.1286 e
spread : 0.063719 e
created : 2023-08-21T14:53:09

noise change (ratio of nominal noise and noise CKD)



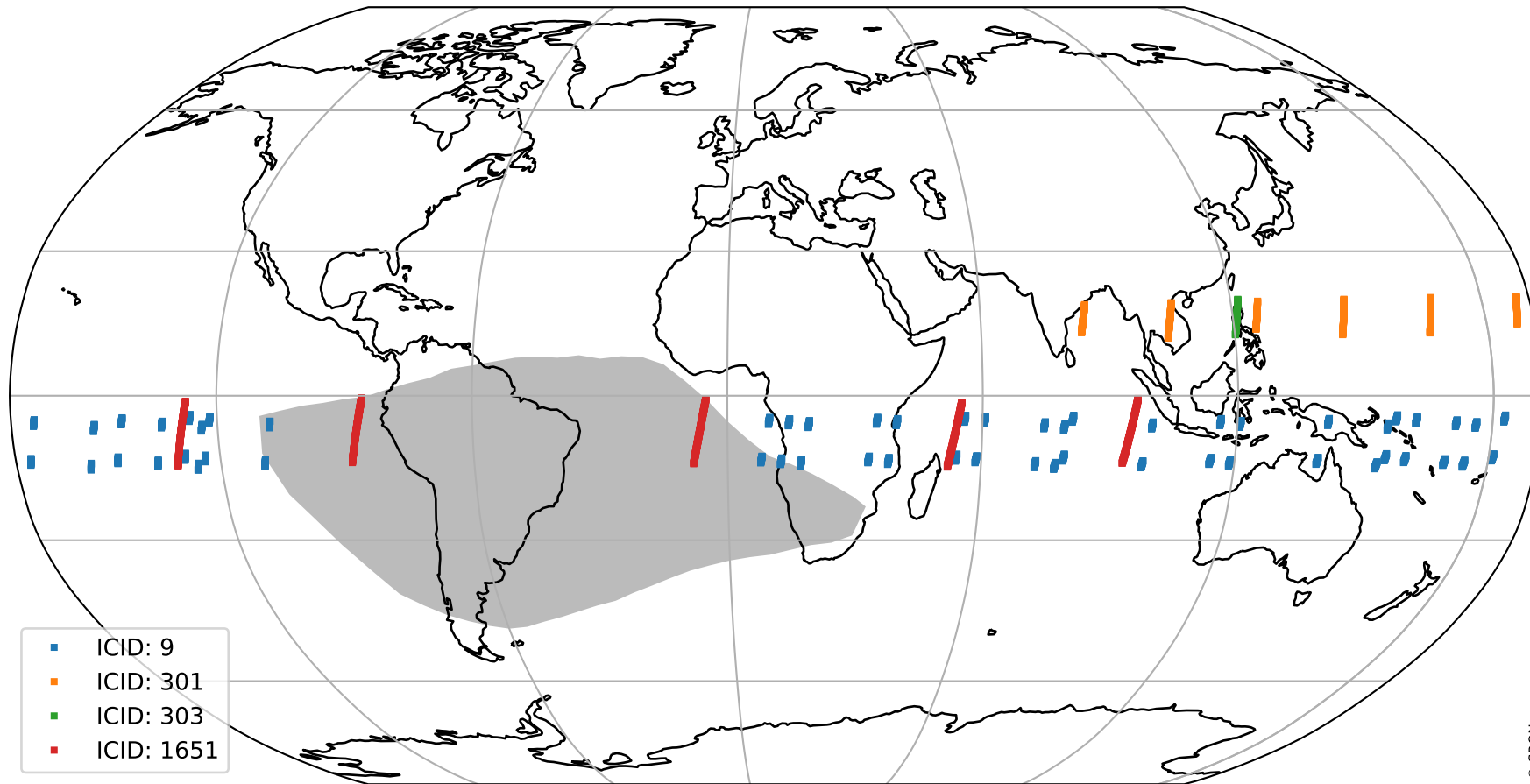
Tropomi SWIR background noise (swir)

orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
median : 0.94558
spread : 0.096552
created : 2023-08-21T14:53:09



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

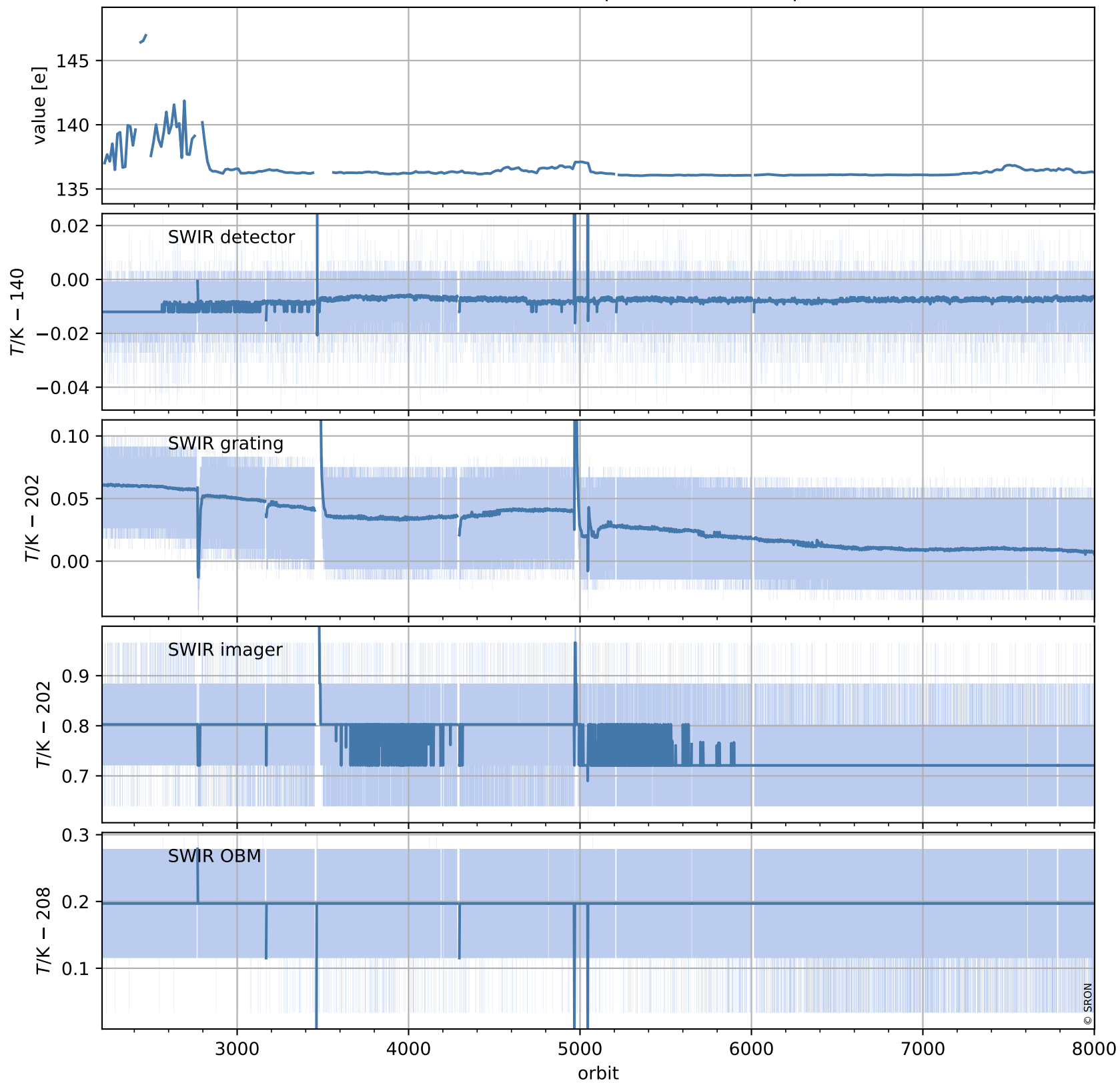
orbits : 12 in [7912, 8002]
coverage : 2019-04-24 / 2019-04-29
created : 2023-08-21T14:53:10



Tropomi SWIR background noise (swir)

orbits : [2212, 8002]
coverage : 2018-03-18 / 2019-04-29
created : 2023-08-21T14:53:10

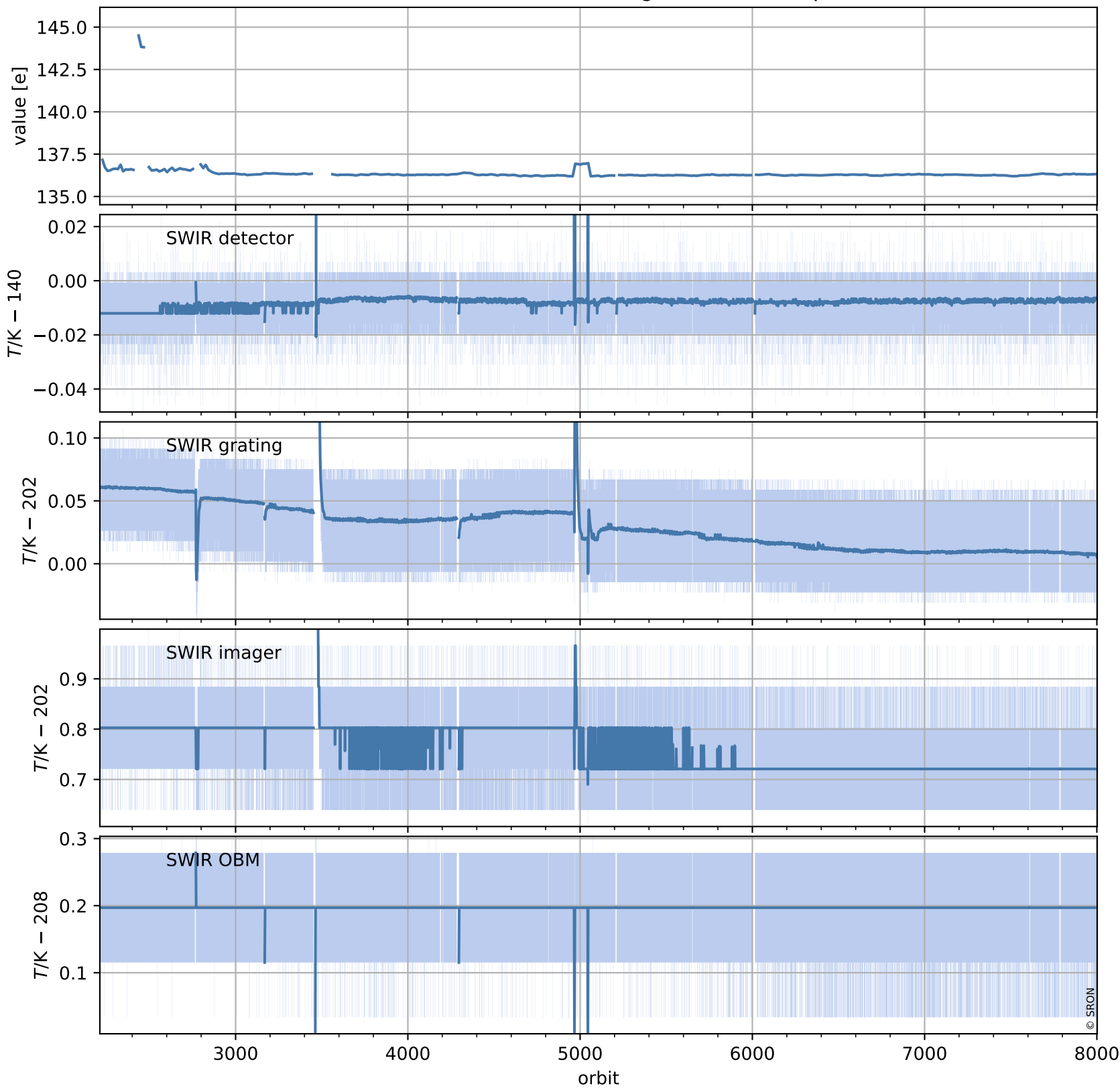
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8002]
coverage : 2018-03-18 / 2019-04-29
created : 2023-08-21T14:53:11

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8002]
coverage : 2018-03-18 / 2019-04-29
created : 2023-08-21T14:53:12

trend of normalized read-noise & temperatures

