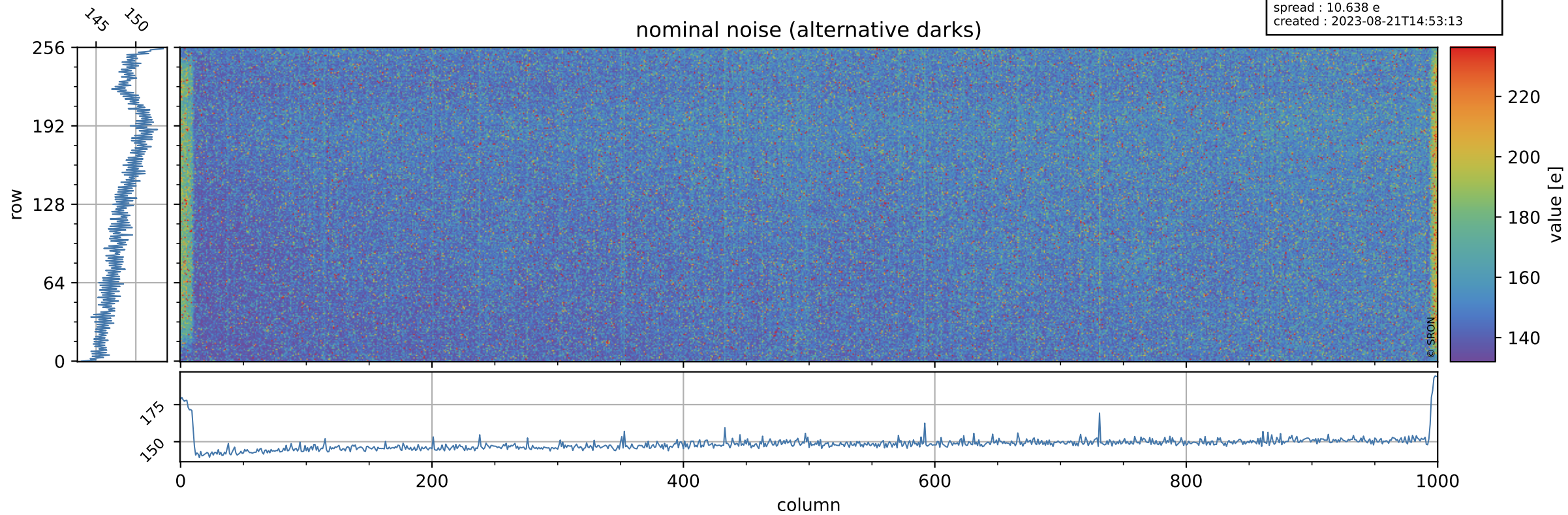


Tropomi SWIR background noise (swir)

orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.638 e
created : 2023-08-21T14:53:13

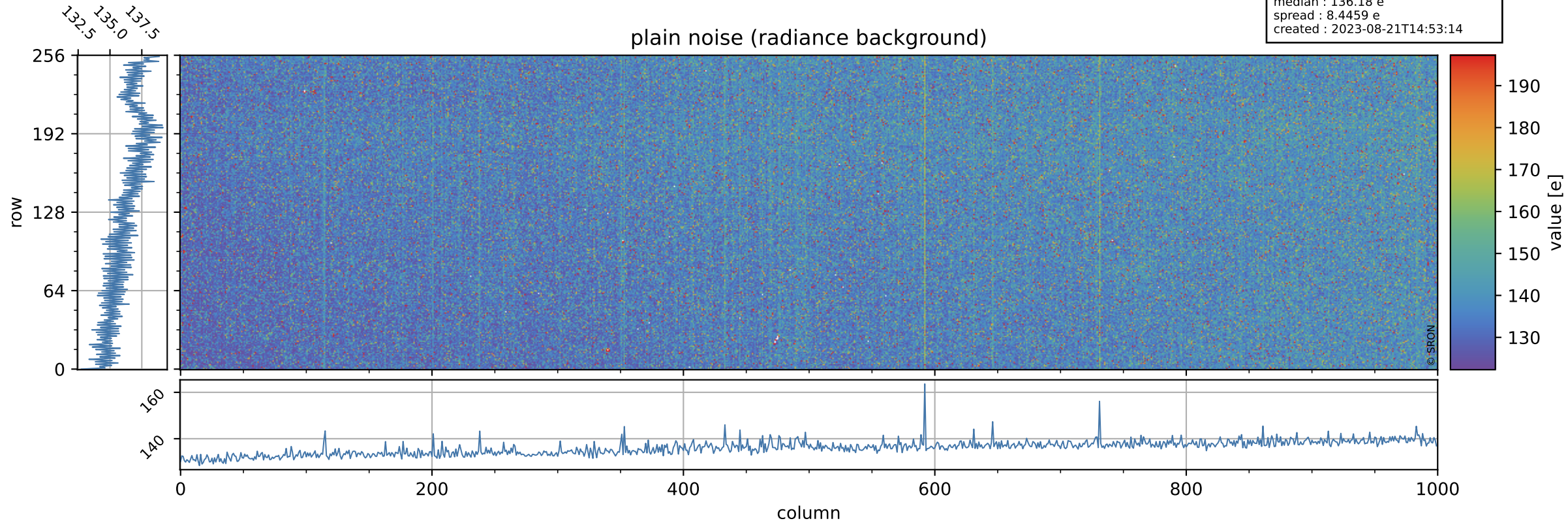
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.4459 e
created : 2023-08-21T14:53:14

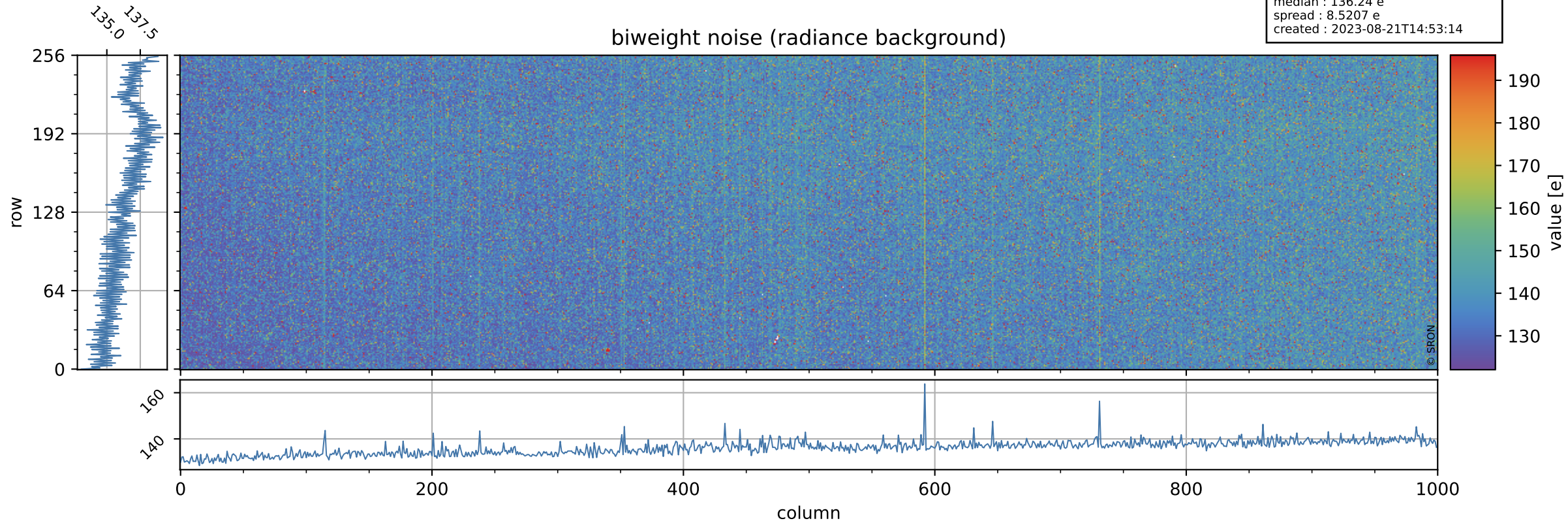
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
n_coad, t_exp : 2, 0.5383
median : 136.24 e
spread : 8.5207 e
created : 2023-08-21T14:53:14

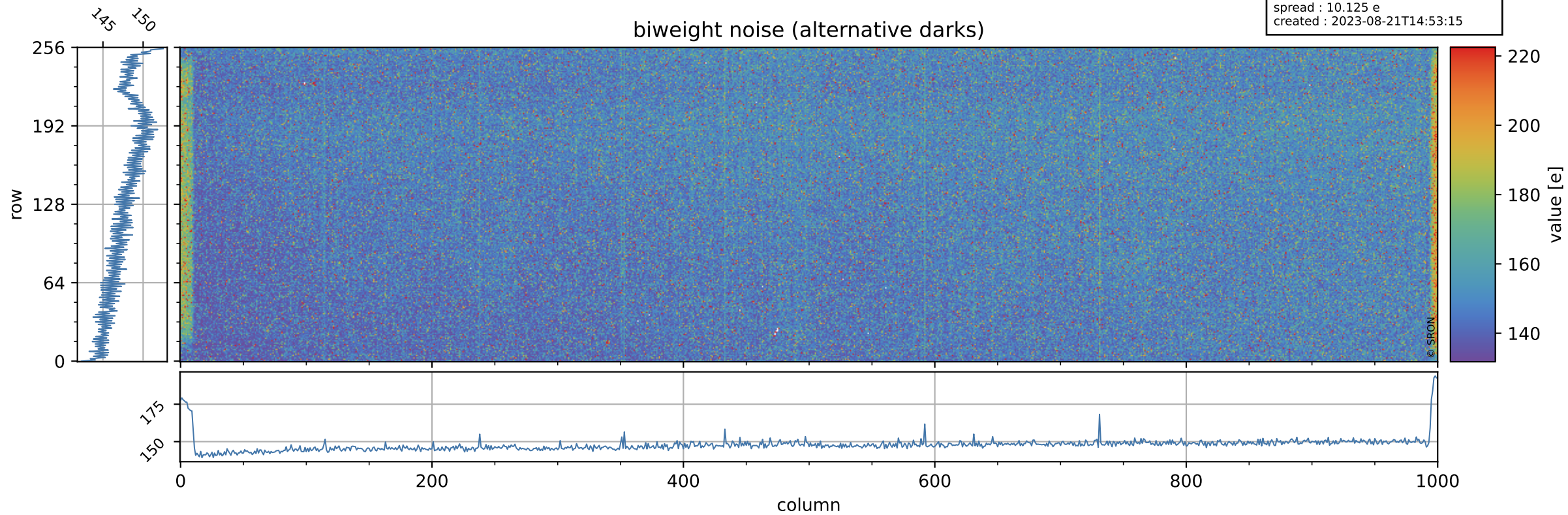
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.125 e
created : 2023-08-21T14:53:15

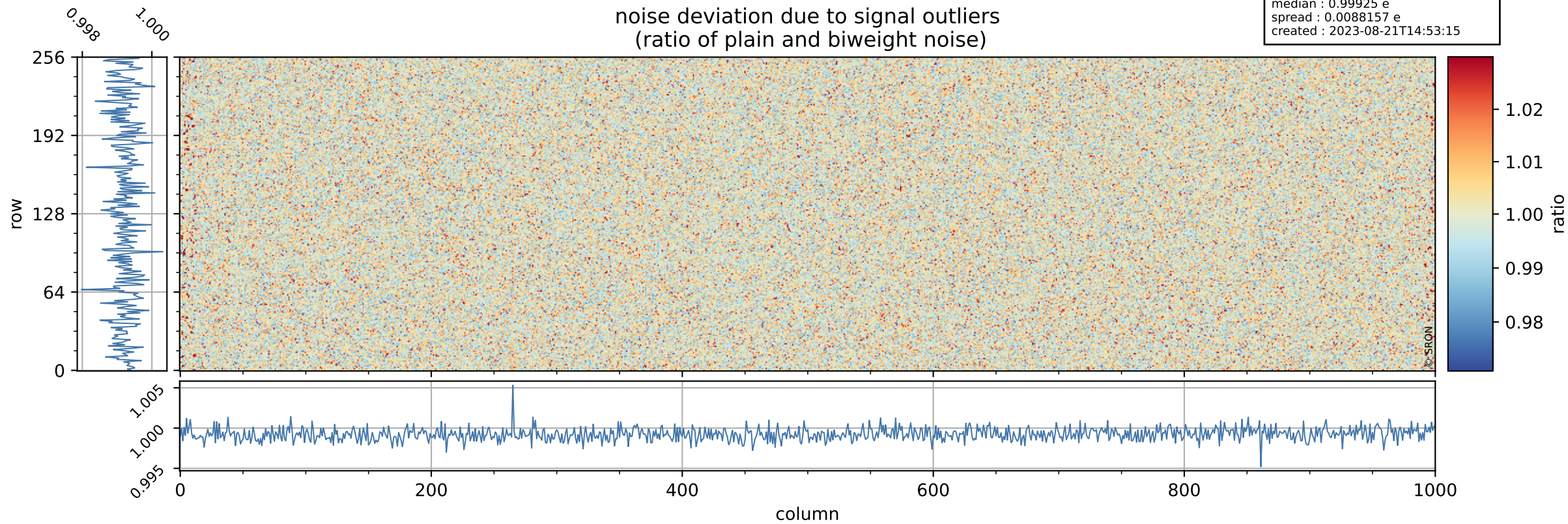
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

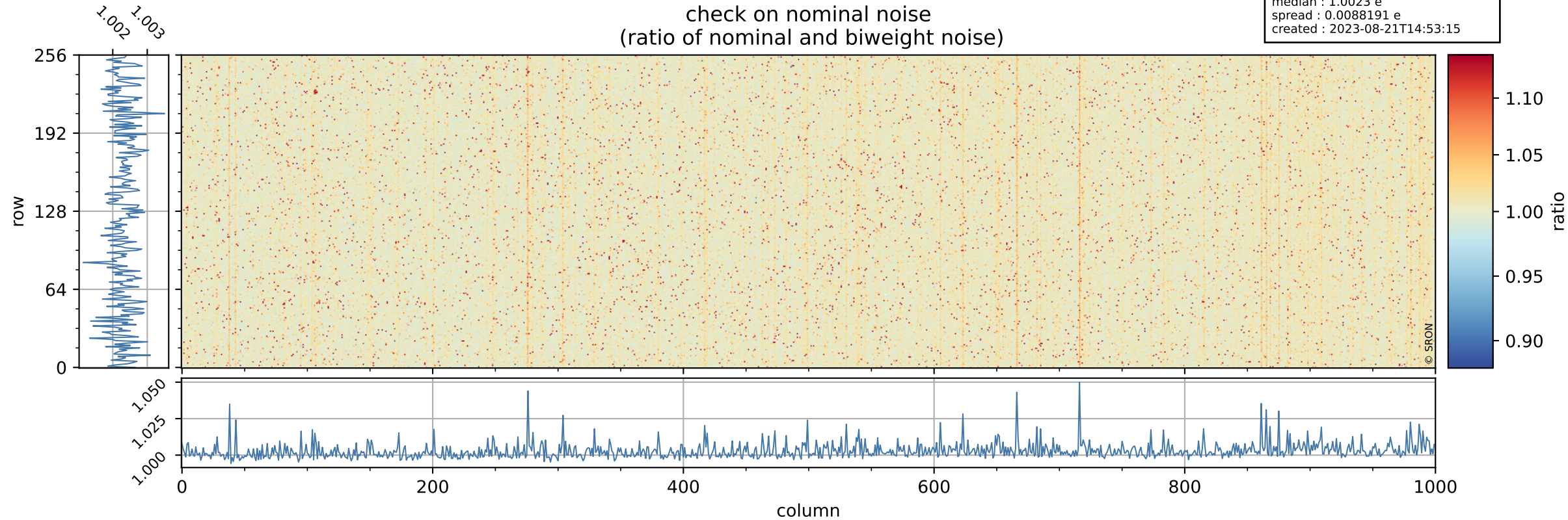
orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
median : 0.99925 e
spread : 0.0088157 e
created : 2023-08-21T14:53:15



Tropomi SWIR background noise (swir)

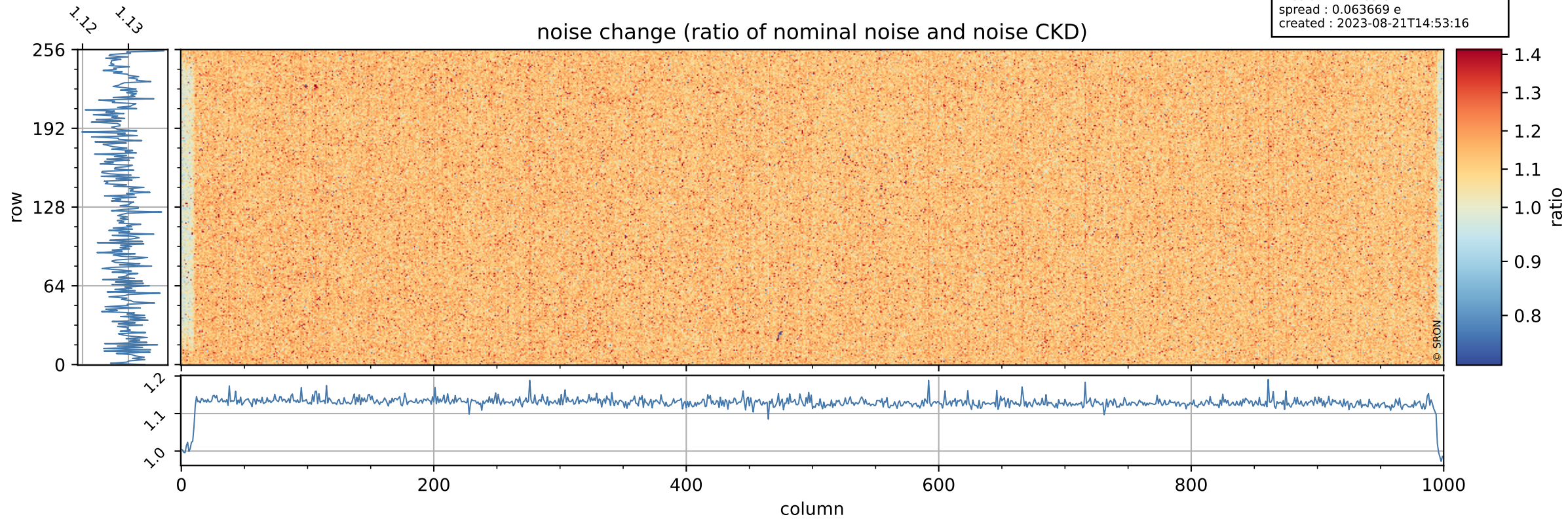
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
median : 1.0023 e
spread : 0.0088191 e
created : 2023-08-21T14:53:15



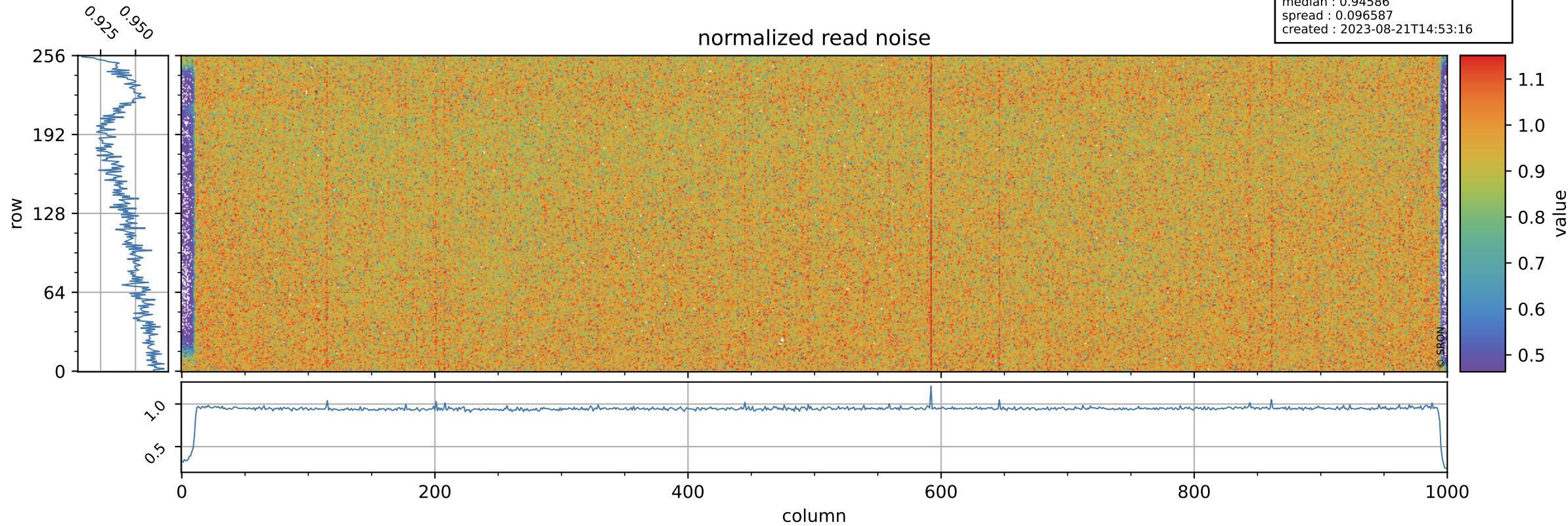
Tropomi SWIR background noise (swir)

orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
median : 1.1285 e
spread : 0.063669 e
created : 2023-08-21T14:53:16



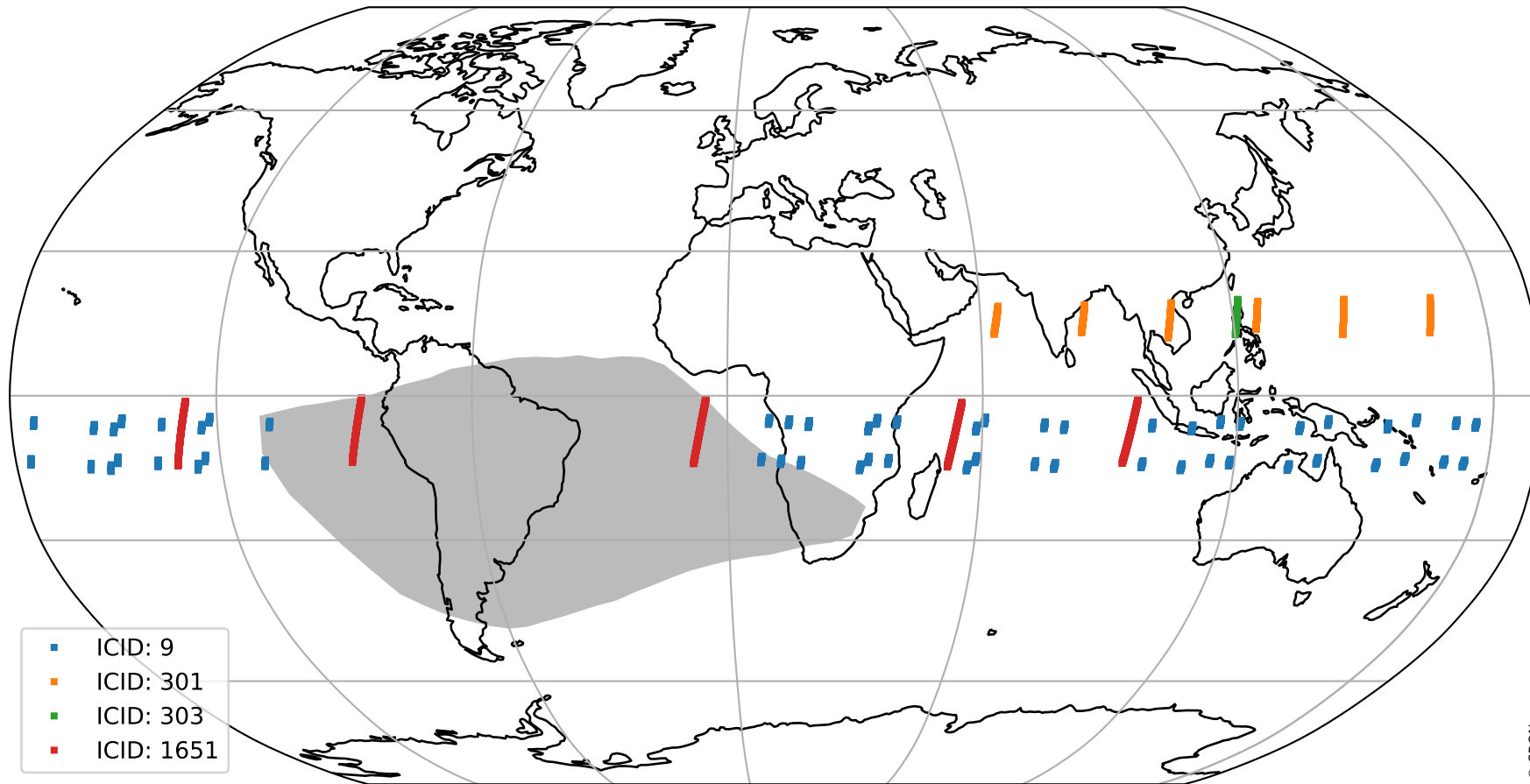
Tropomi SWIR background noise (swir)

orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
median : 0.94586
spread : 0.096587
created : 2023-08-21T14:53:16



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

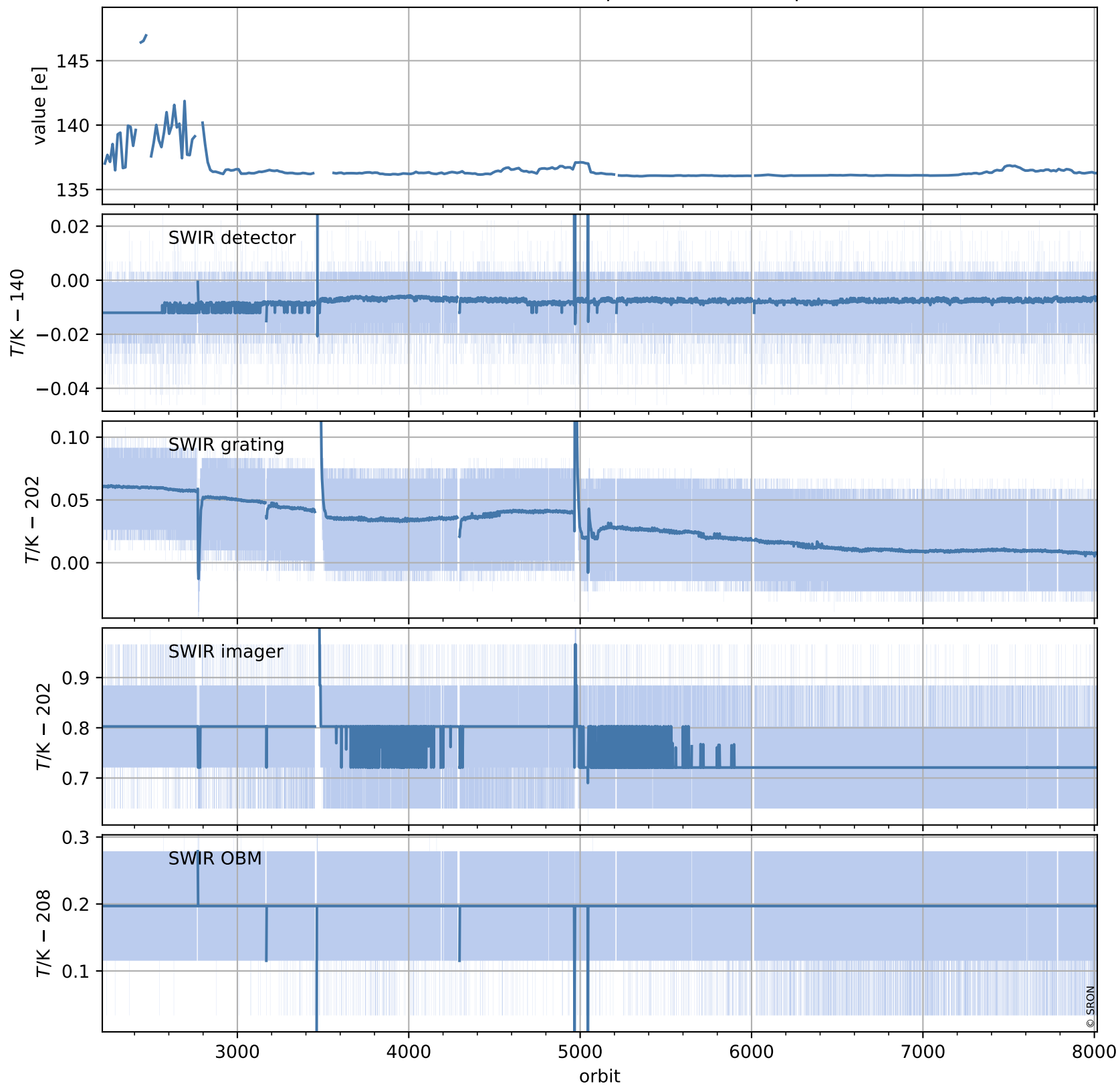
orbits : 12 in [7942, 8017]
coverage : 2019-04-25 / 2019-04-30
created : 2023-08-21T14:53:17



Tropomi SWIR background noise (swir)

orbits : [2212, 8017]
coverage : 2018-03-18 / 2019-04-30
created : 2023-08-21T14:53:17

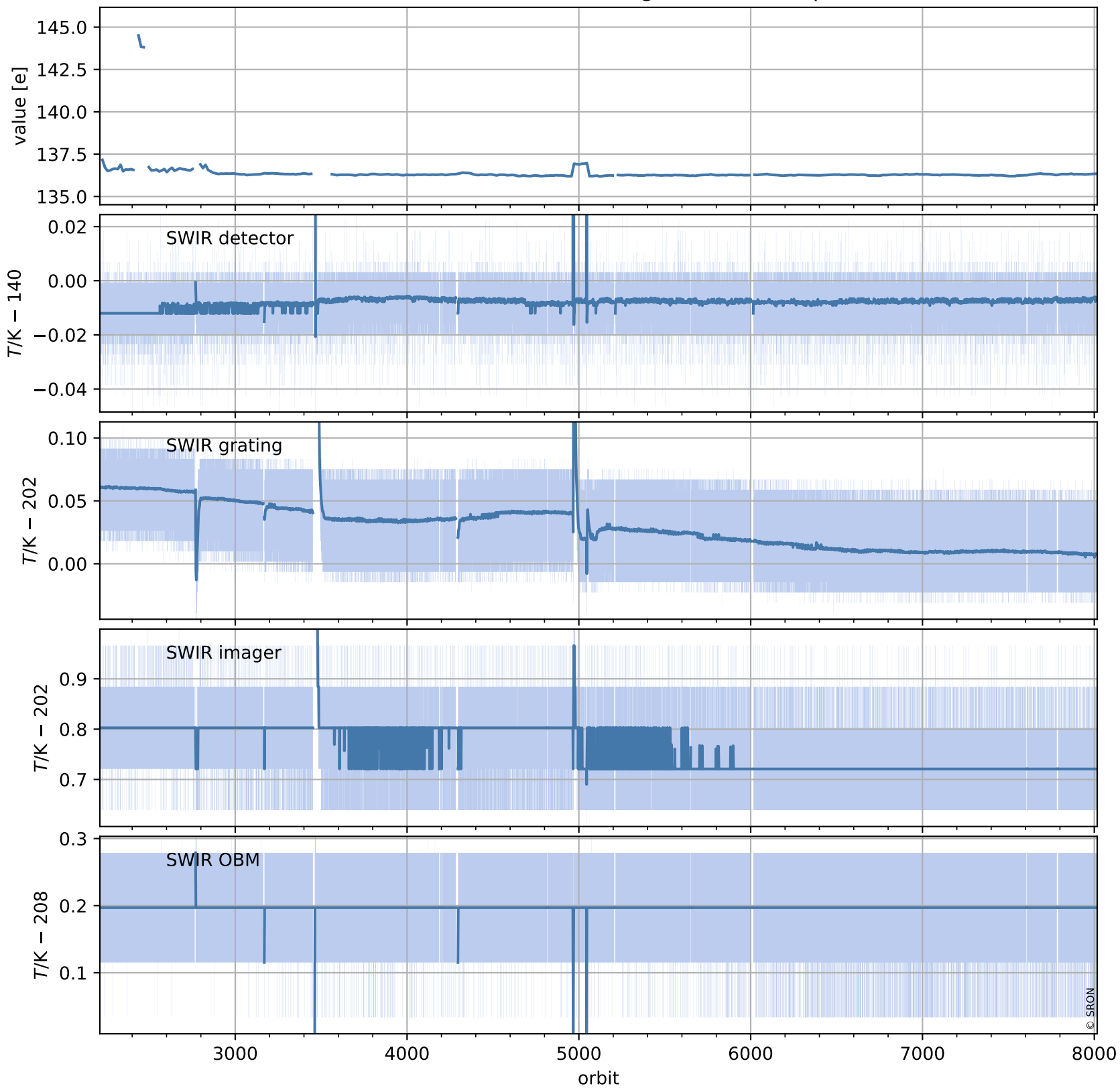
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8017]
coverage : 2018-03-18 / 2019-04-30
created : 2023-08-21T14:53:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8017]
coverage : 2018-03-18 / 2019-04-30
created : 2023-08-21T14:53:18

trend of normalized read-noise & temperatures

