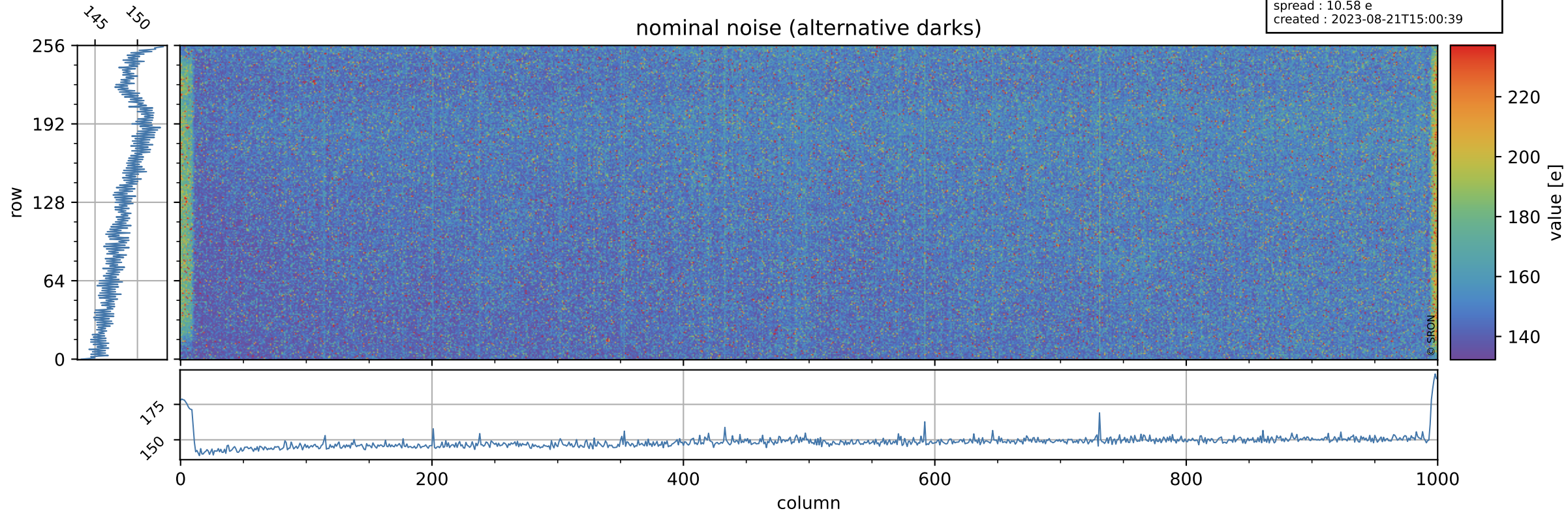


Tropomi SWIR background noise (swir)

orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.58 e
created : 2023-08-21T15:00:39

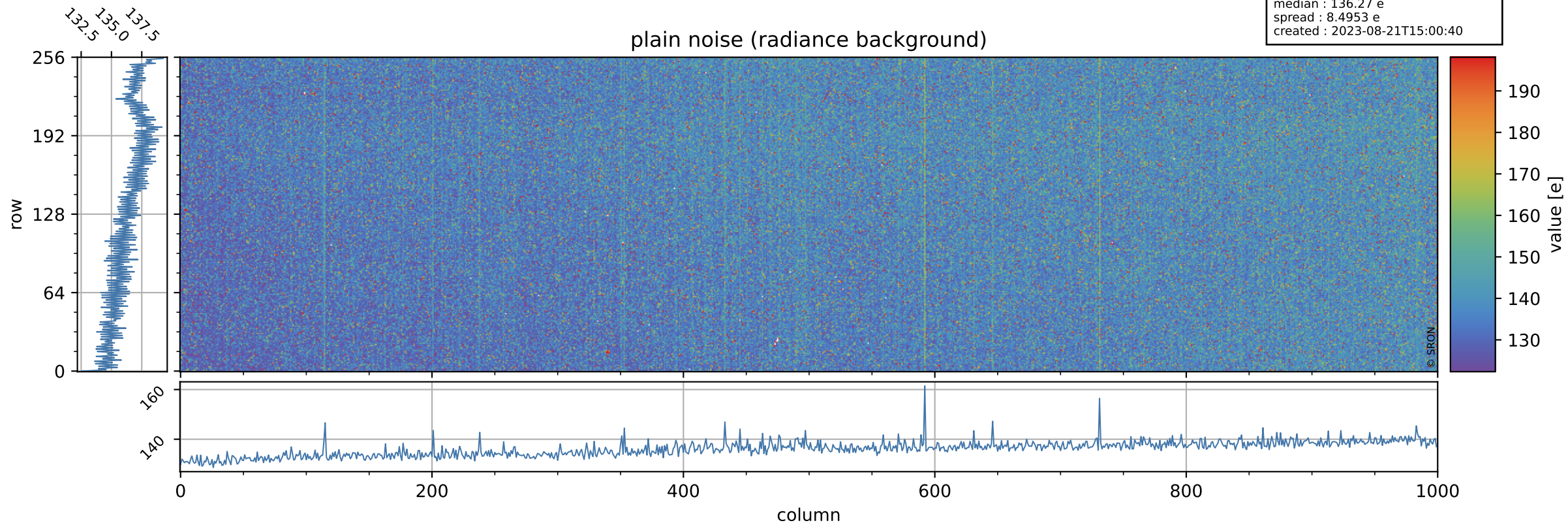
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.4953 e
created : 2023-08-21T15:00:40

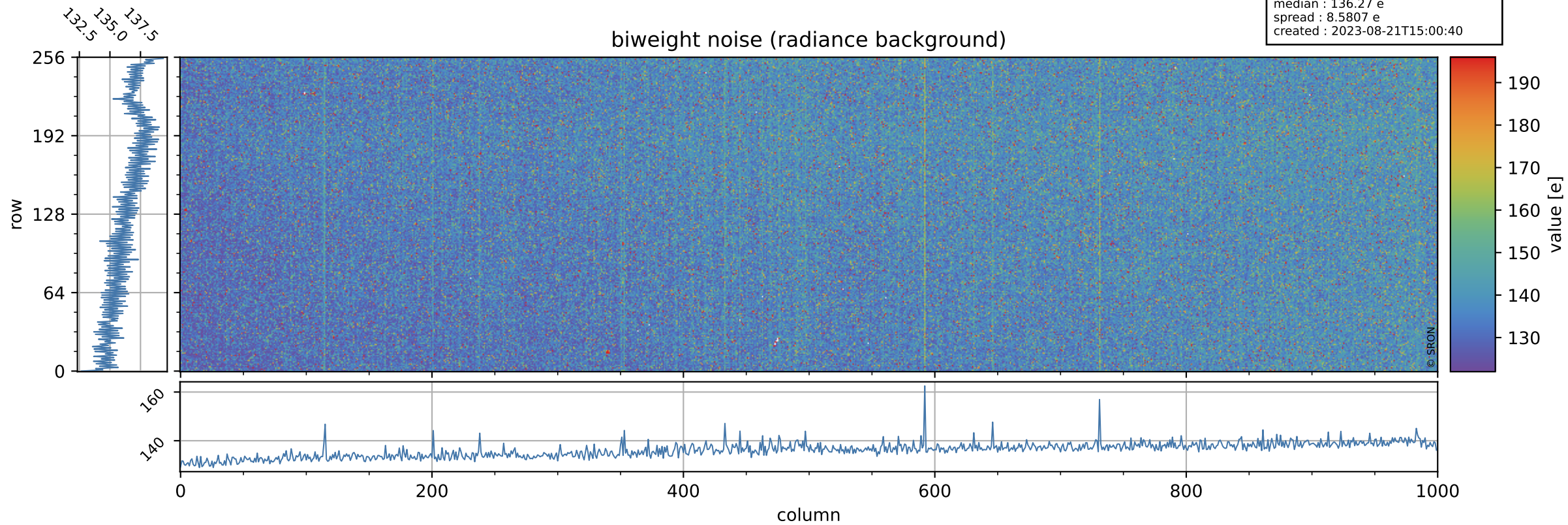
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.5807 e
created : 2023-08-21T15:00:40

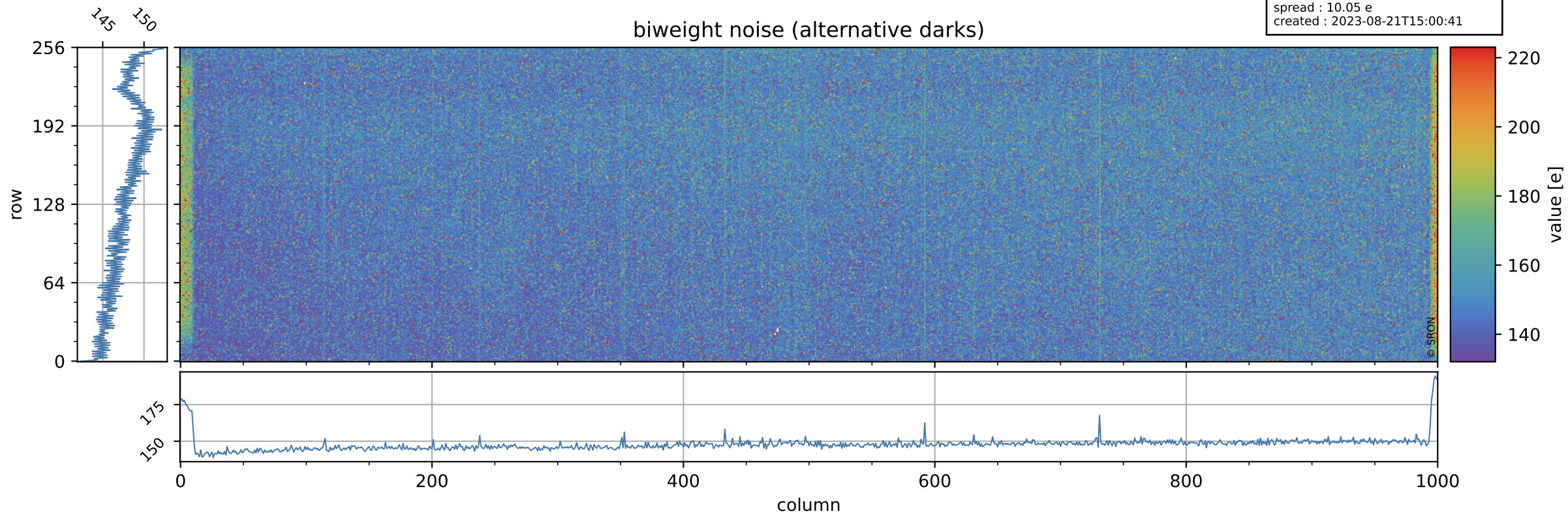
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.05 e
created : 2023-08-21T15:00:41

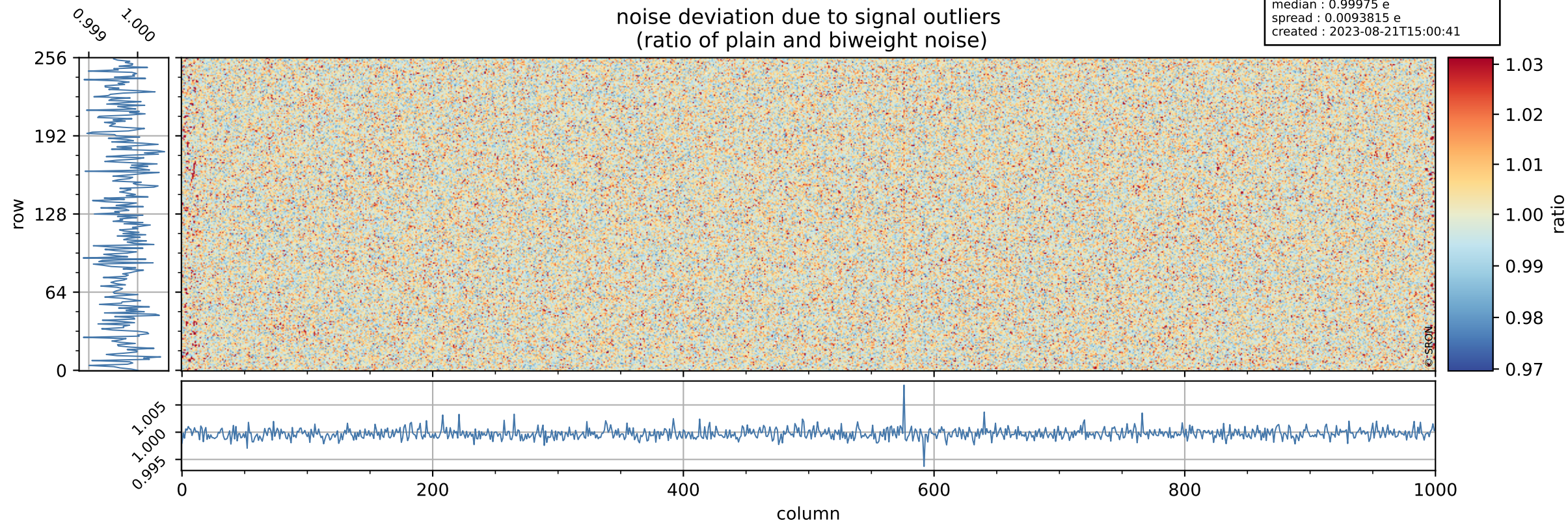
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

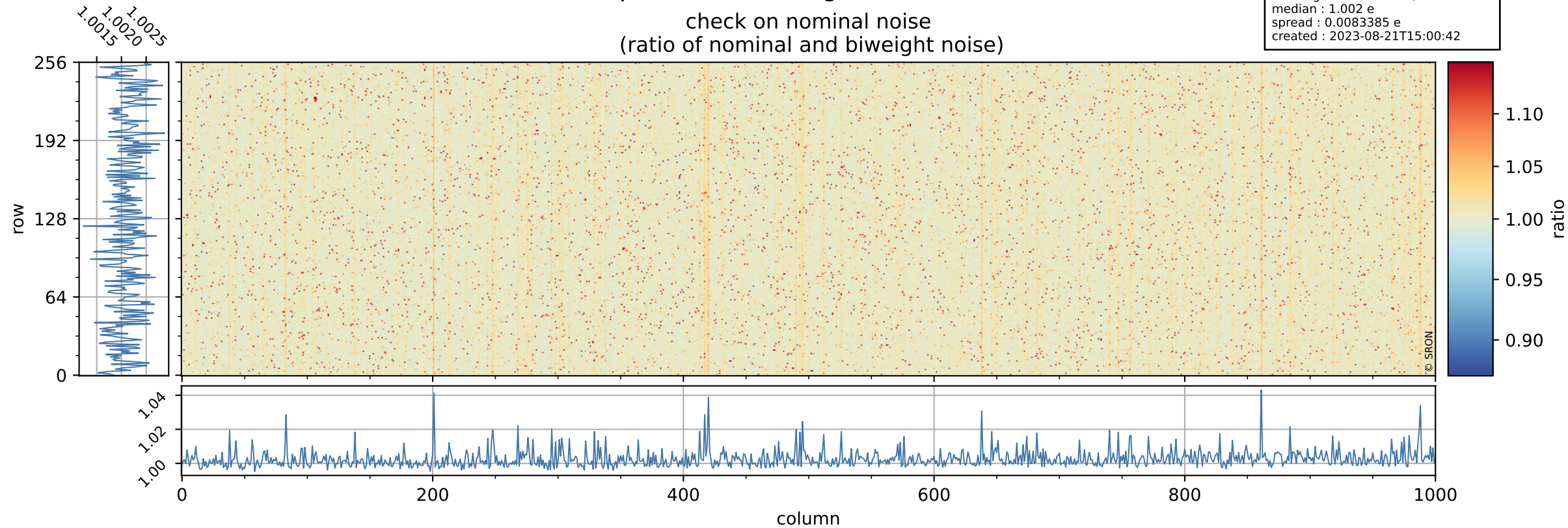
orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
median : 0.99975 e
spread : 0.0093815 e
created : 2023-08-21T15:00:41



Tropomi SWIR background noise (swir)

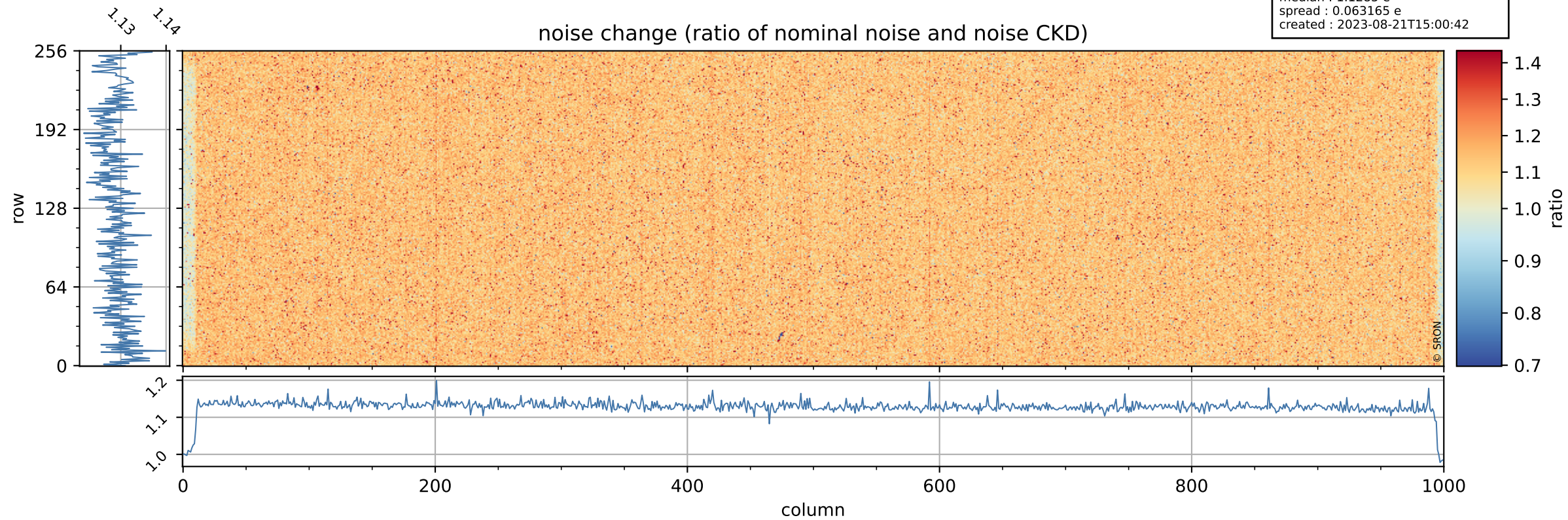
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
median : 1.002 e
spread : 0.0083385 e
created : 2023-08-21T15:00:42



Tropomi SWIR background noise (swir)

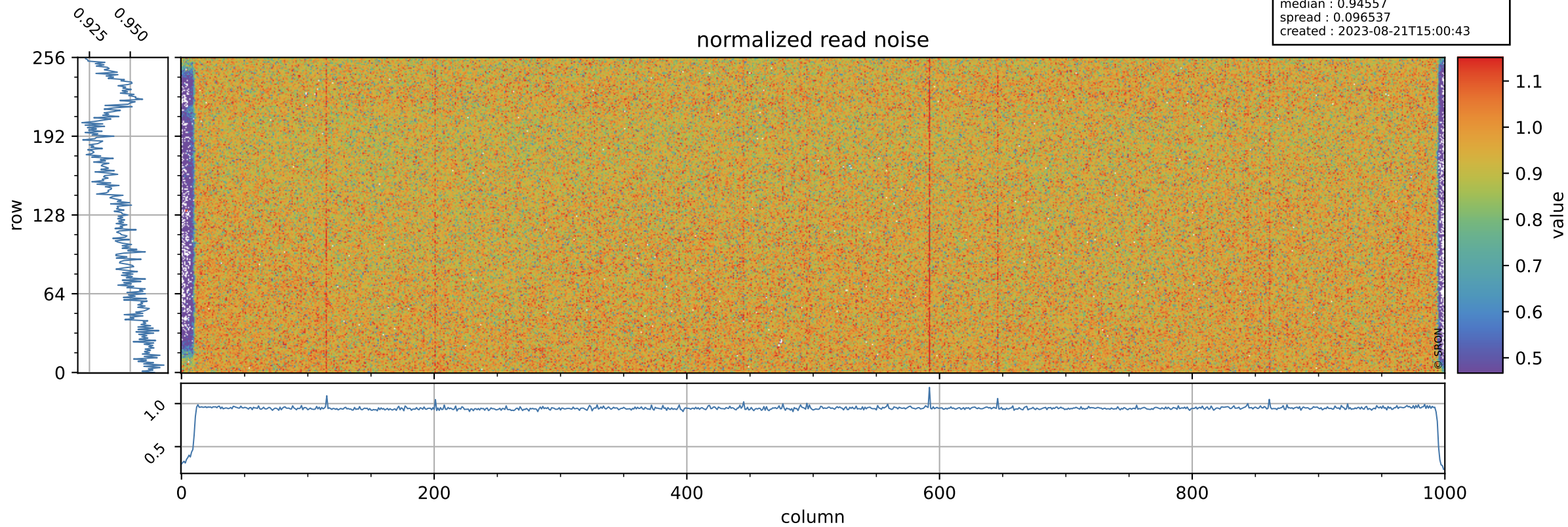
orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
median : 1.1285 e
spread : 0.063165 e
created : 2023-08-21T15:00:42



Tropomi SWIR background noise (swir)

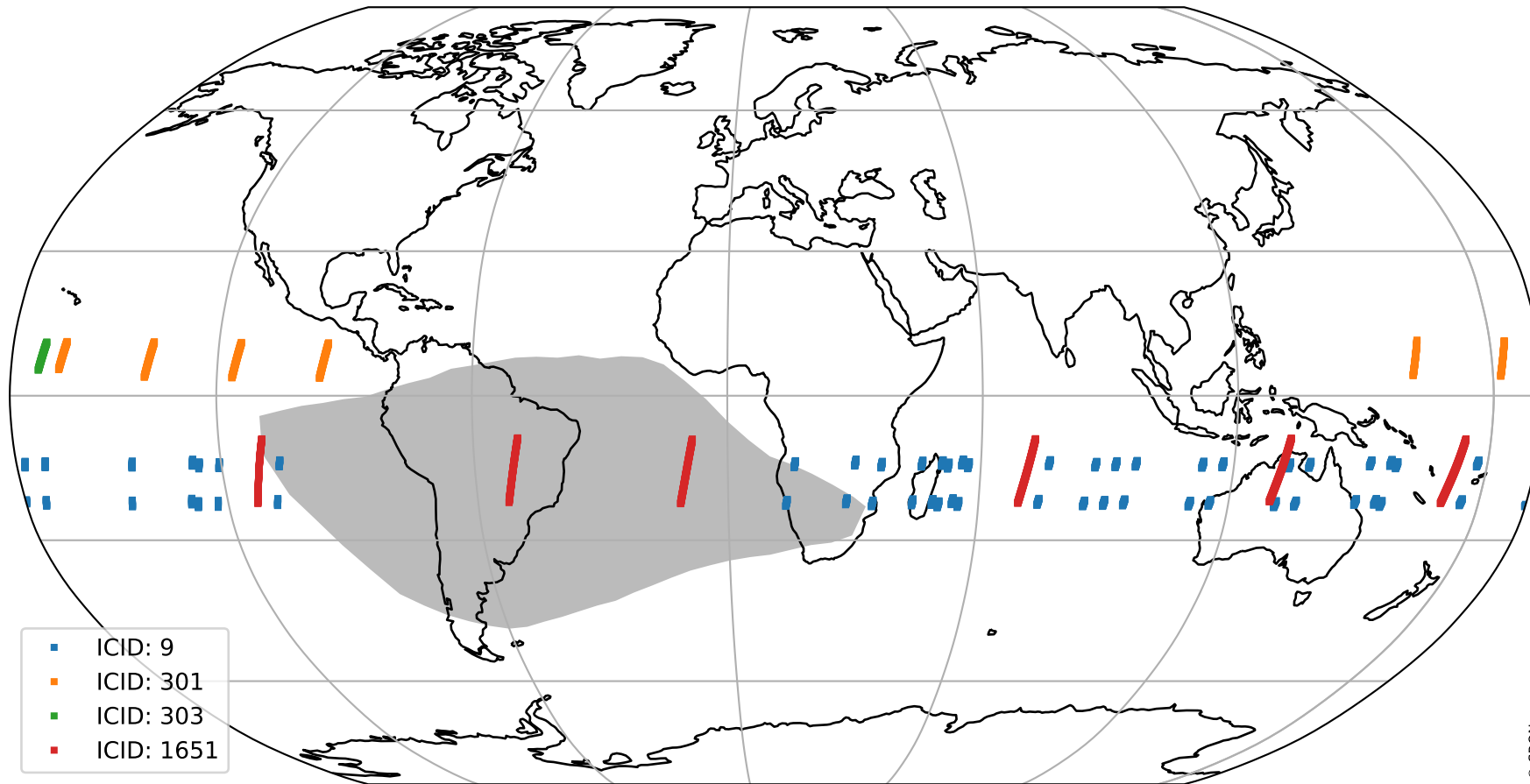
orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
median : 0.94557
spread : 0.096537
created : 2023-08-21T15:00:43

normalized read noise



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

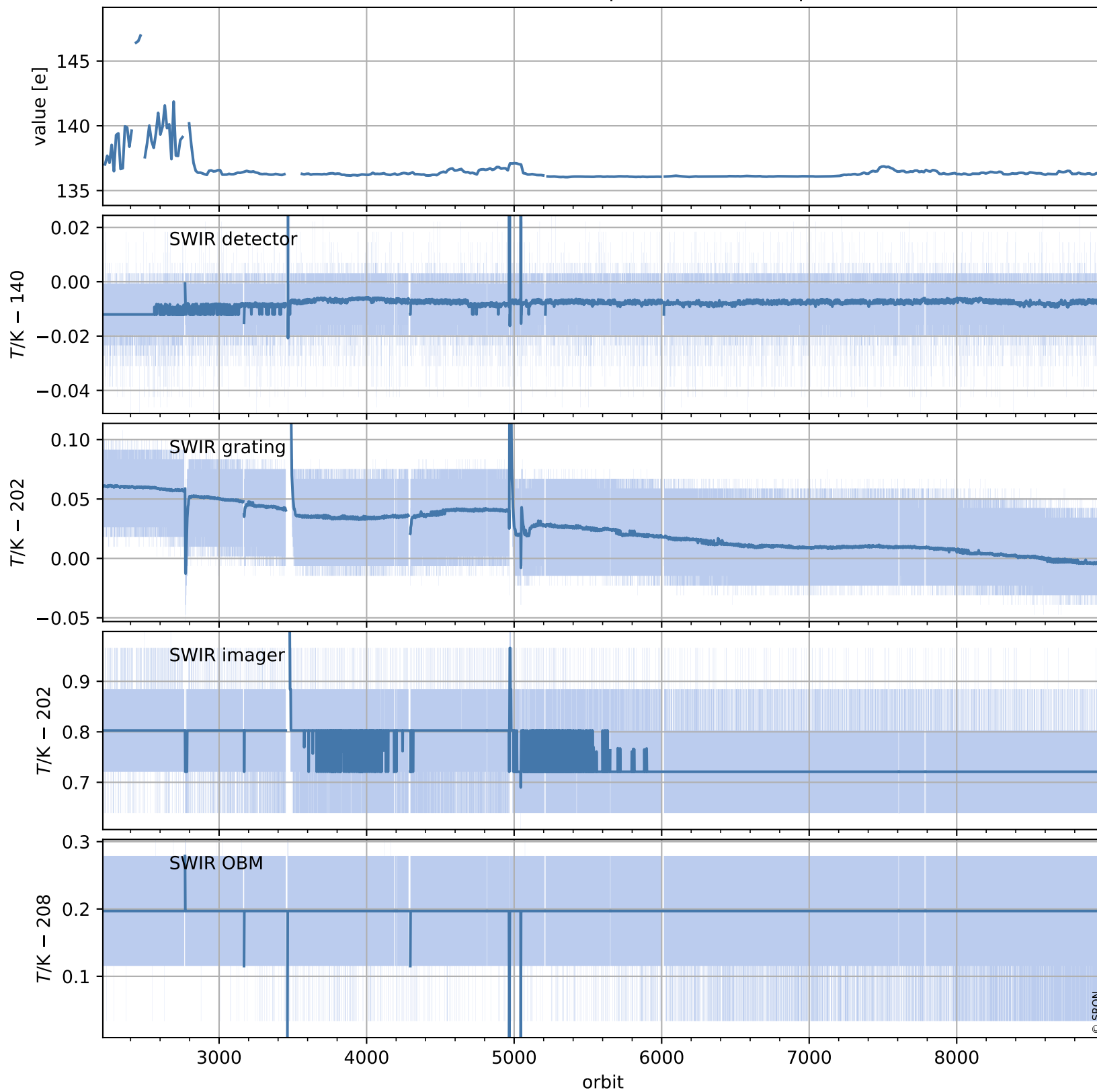
orbits : 13 in [8902, 8992]
coverage : 2019-07-03 / 2019-07-08
created : 2023-08-21T15:00:43



Tropomi SWIR background noise (swir)

orbits : [2212, 8992]
coverage : 2018-03-18 / 2019-07-08
created : 2023-08-21T15:00:43

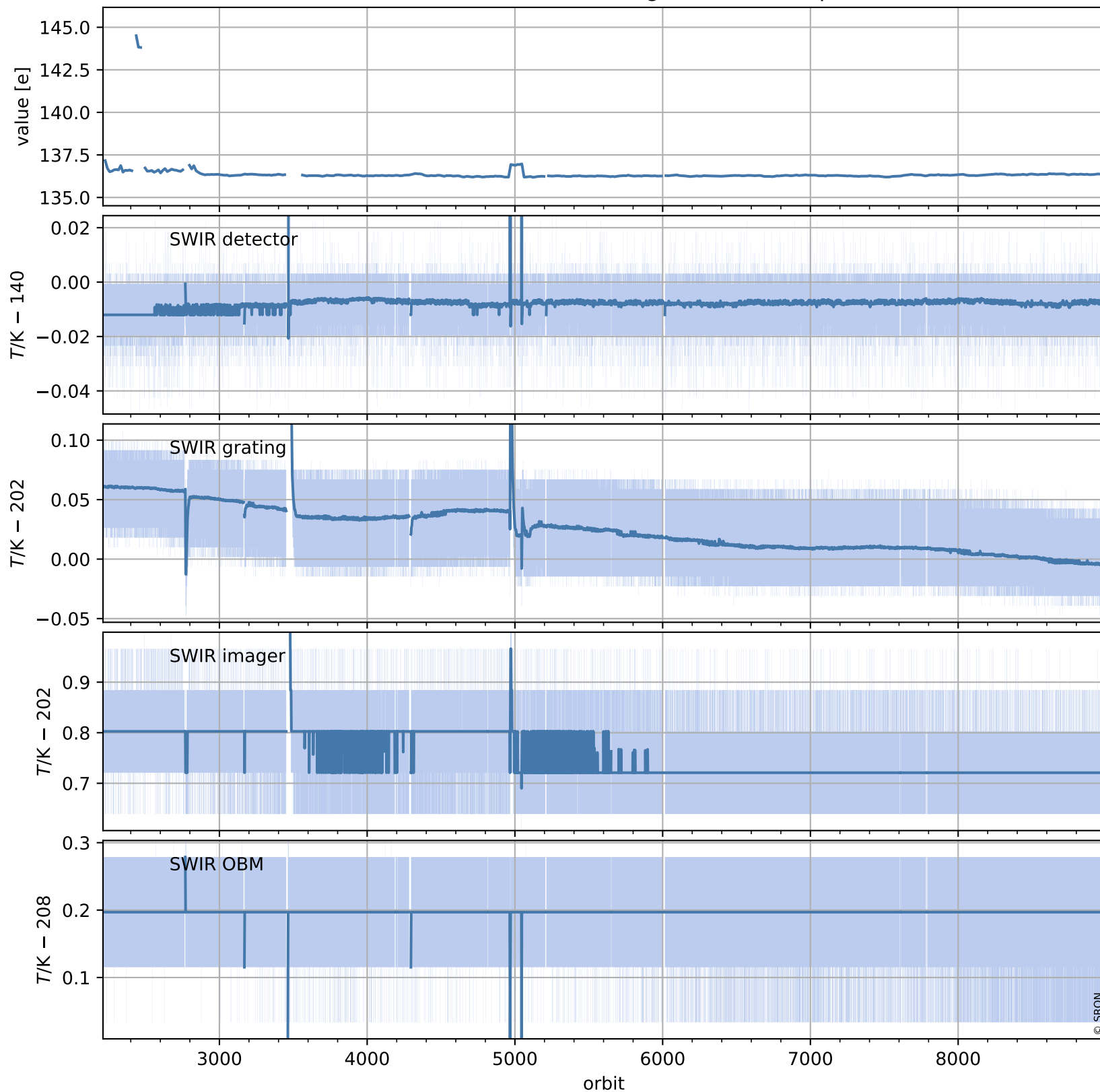
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8992]
coverage : 2018-03-18 / 2019-07-08
created : 2023-08-21T15:00:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8992]
coverage : 2018-03-18 / 2019-07-08
created : 2023-08-21T15:00:45

trend of normalized read-noise & temperatures

