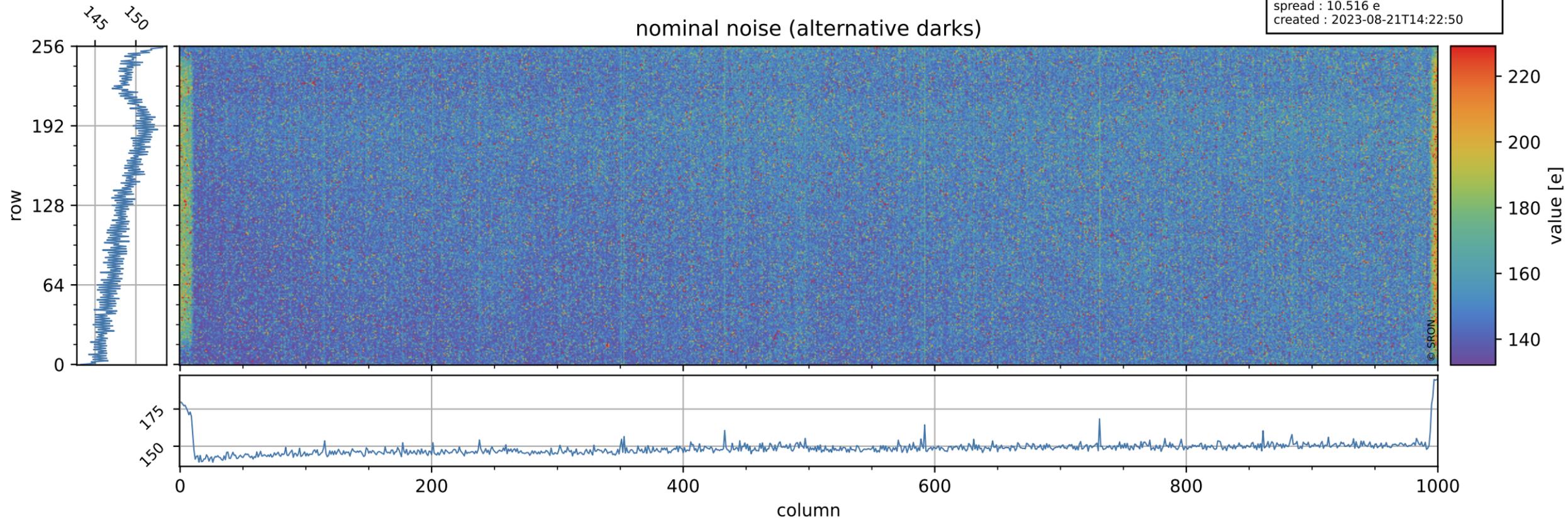


Tropomi SWIR background noise (swir)

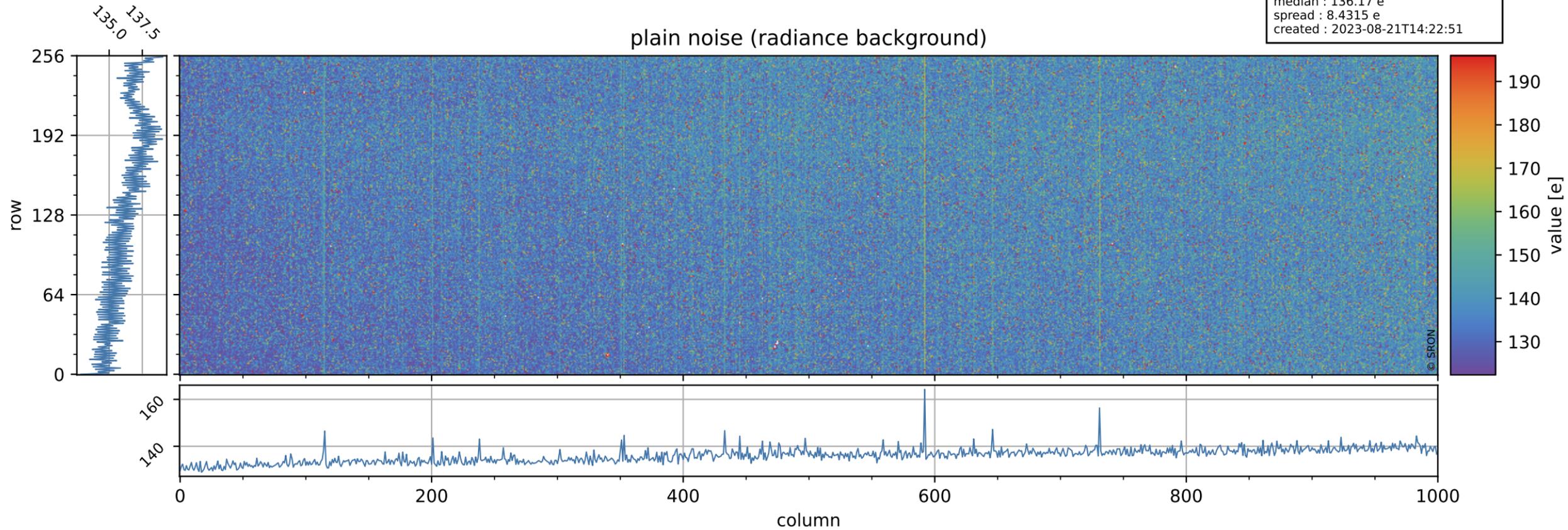
orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.516 e
created : 2023-08-21T14:22:50



Tropomi SWIR background noise (swir)

orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.4315 e
created : 2023-08-21T14:22:51

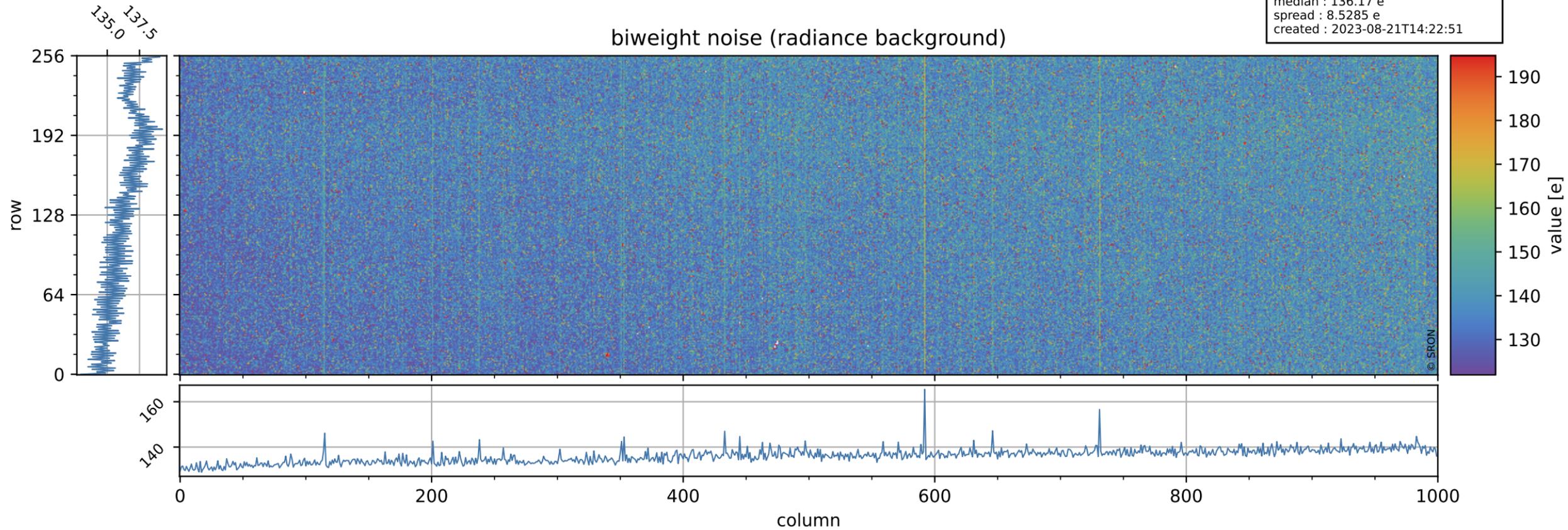
plain noise (radiance background)



Tropomi SWIR background noise (swir)

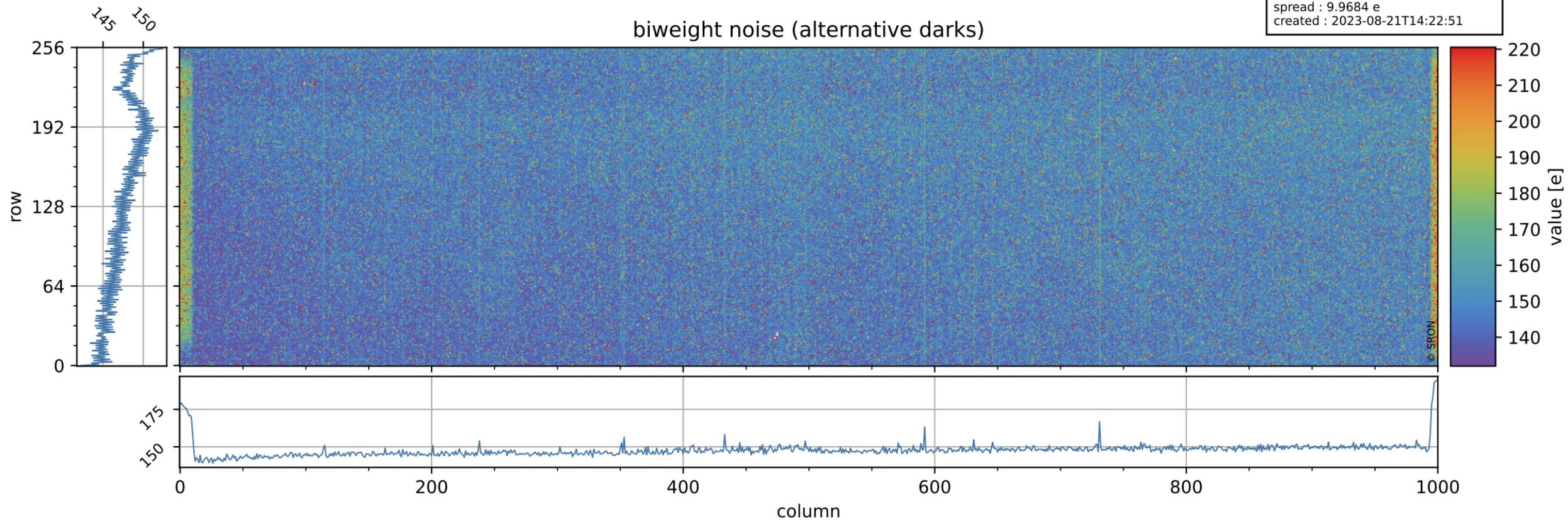
orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.5285 e
created : 2023-08-21T14:22:51

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

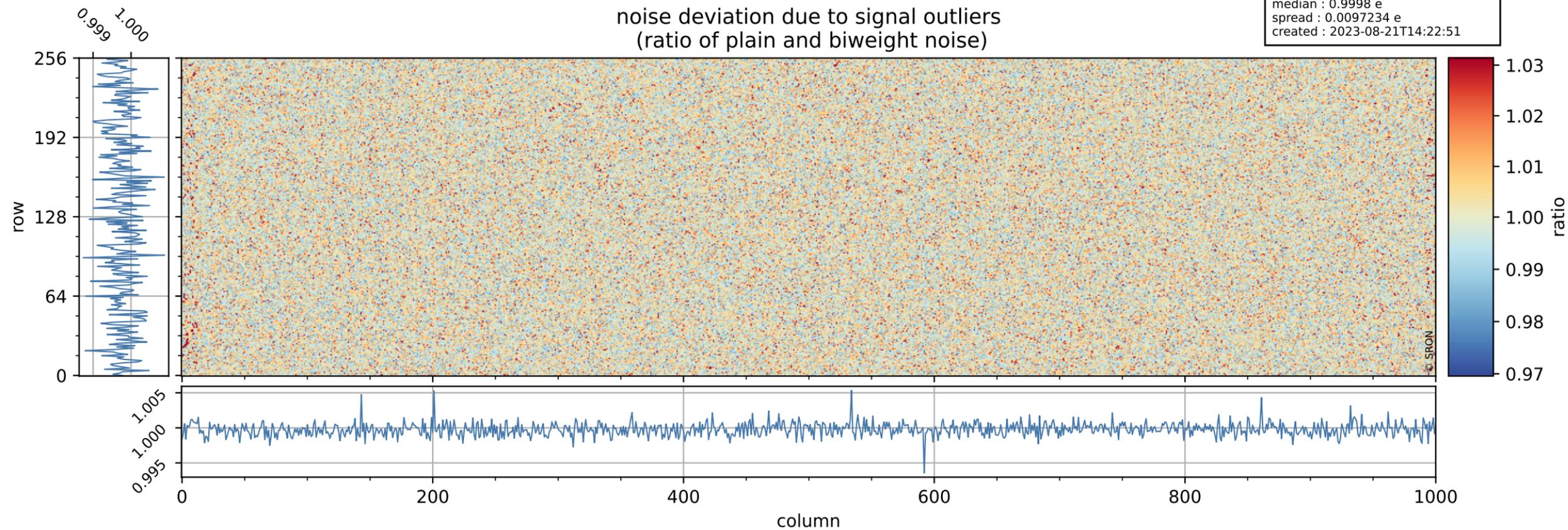
orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.9684 e
created : 2023-08-21T14:22:51



Tropomi SWIR background noise (swir)

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

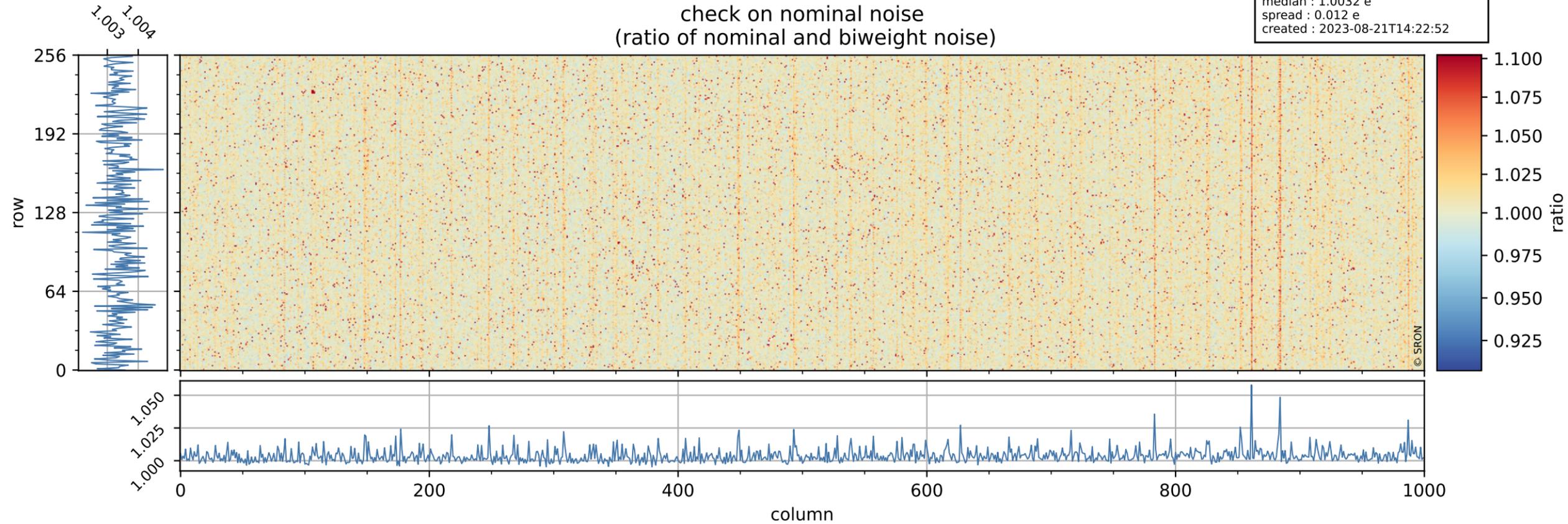
orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
median : 0.9998 e
spread : 0.0097234 e
created : 2023-08-21T14:22:51



Tropomi SWIR background noise (swir)

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

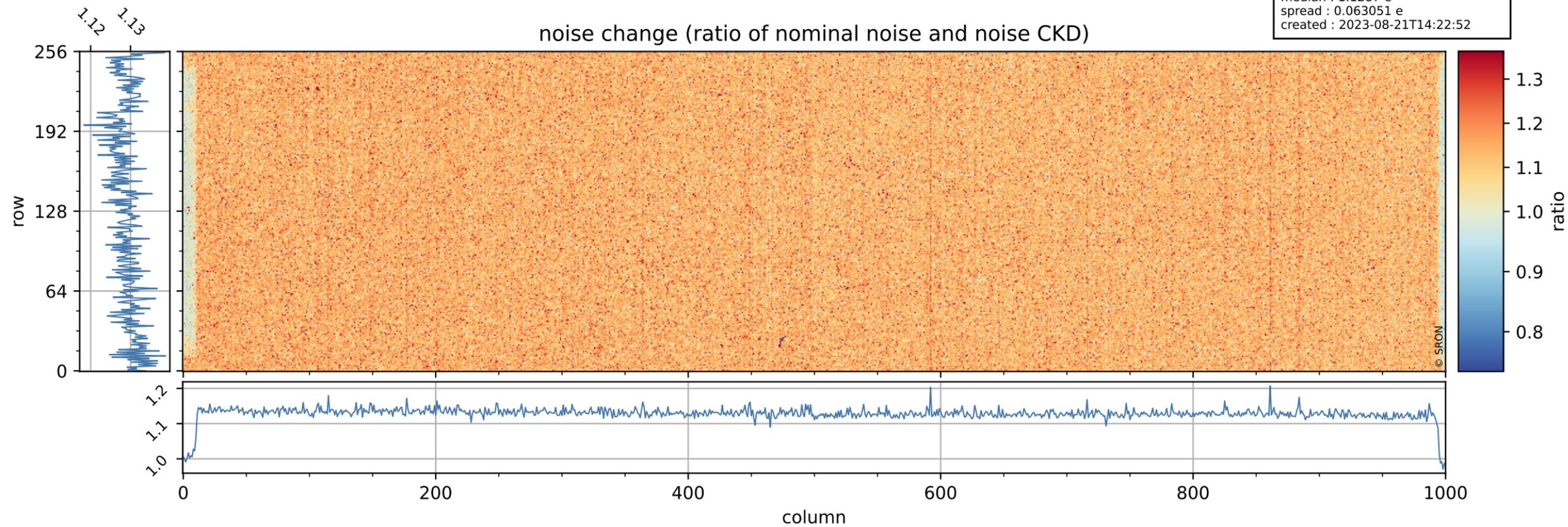
orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
median : 1.0032 e
spread : 0.012 e
created : 2023-08-21T14:22:52



Tropomi SWIR background noise (swir)

orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
median : 1.1287 e
spread : 0.063051 e
created : 2023-08-21T14:22:52

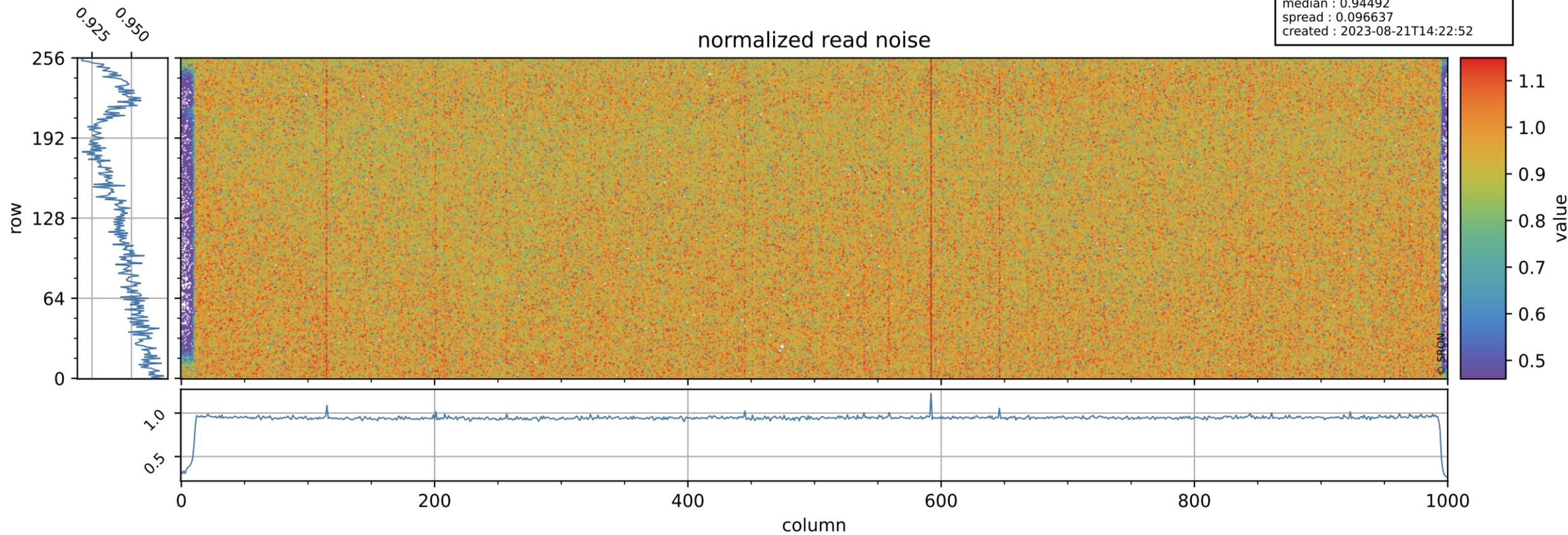
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

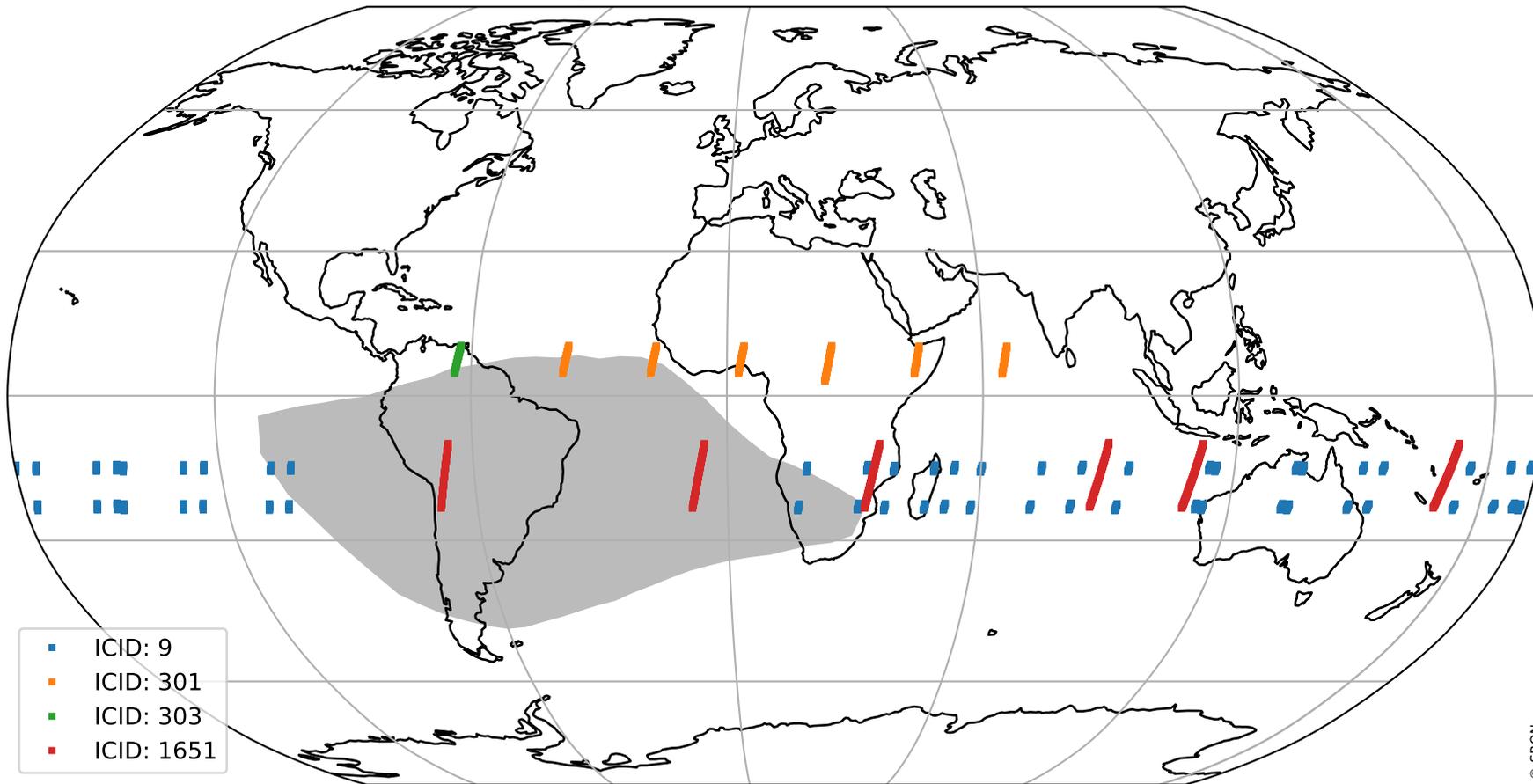
orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
median : 0.94492
spread : 0.096637
created : 2023-08-21T14:22:52

normalized read noise



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

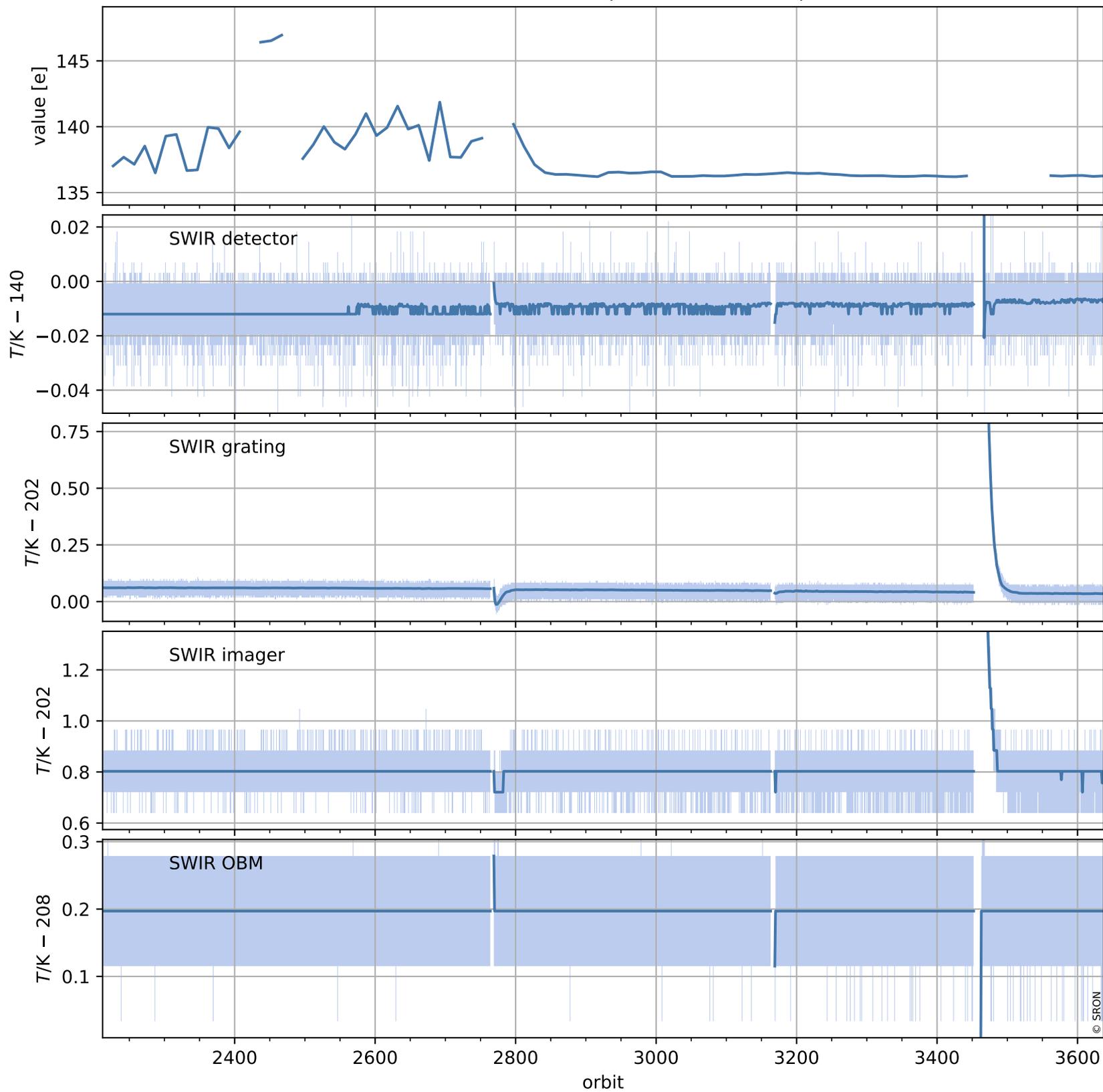
orbits : 13 in [3547, 3637]
coverage : 2018-06-20 / 2018-06-26
created : 2023-08-21T14:22:53



Tropomi SWIR background noise (swir)

orbits : [2212, 3637]
coverage : 2018-03-18 / 2018-06-26
created : 2023-08-21T14:22:53

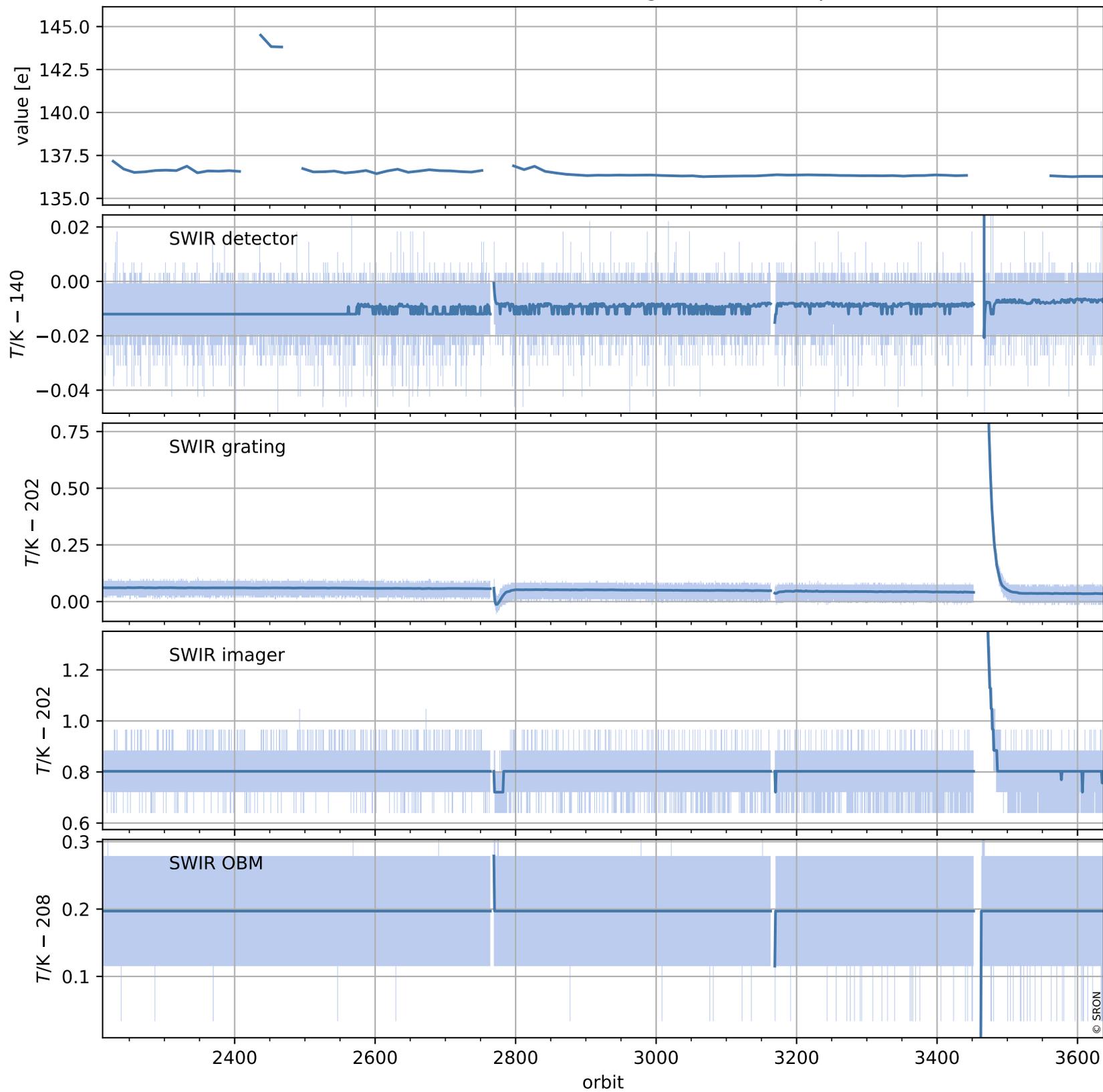
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3637]
coverage : 2018-03-18 / 2018-06-26
created : 2023-08-21T14:22:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3637]
coverage : 2018-03-18 / 2018-06-26
created : 2023-08-21T14:22:54

trend of normalized read-noise & temperatures

