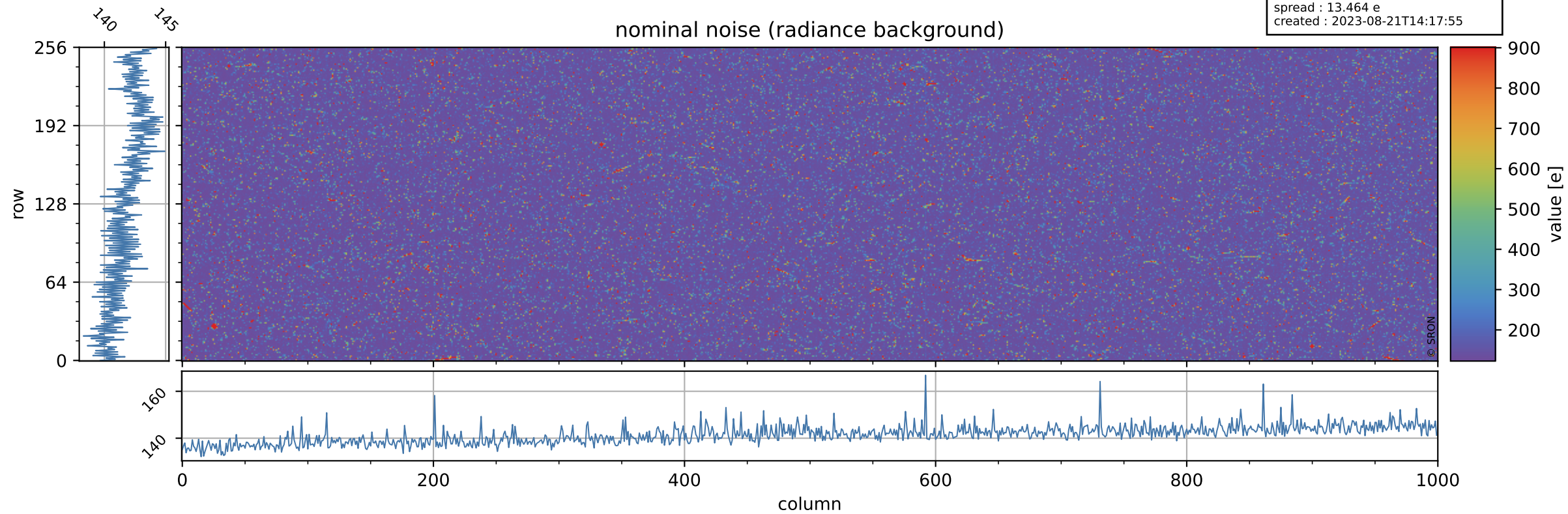


Tropomi SWIR background noise (swir)

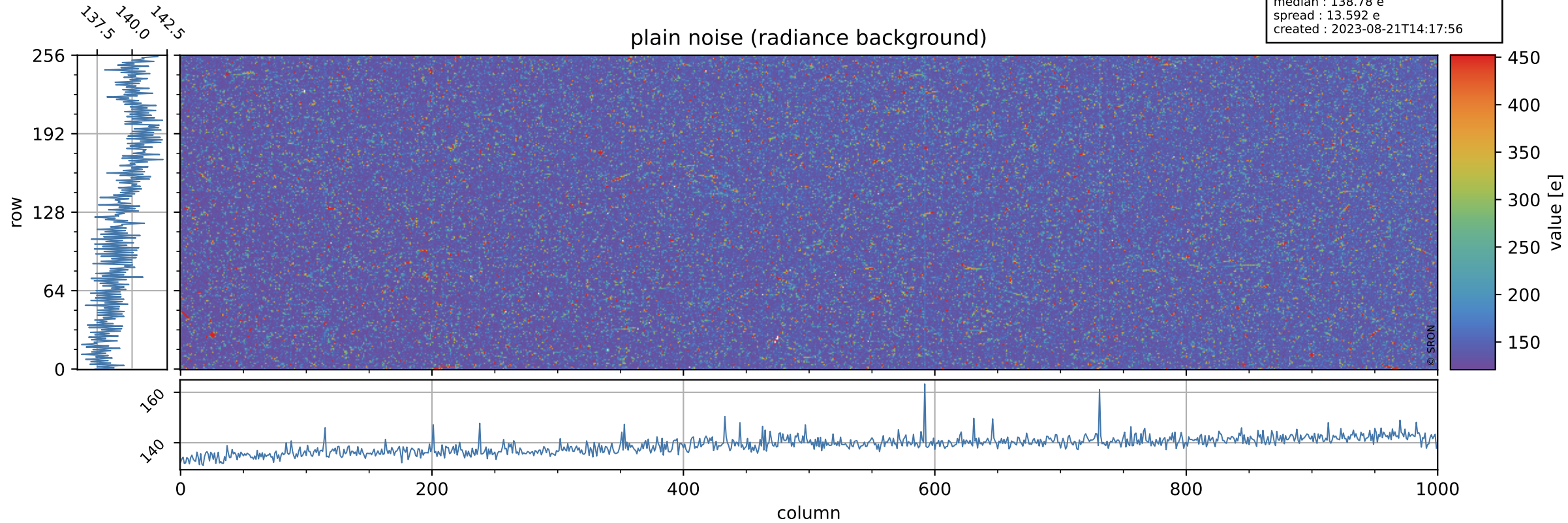
orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
n_coad, t_exp : 2, 0.5383
median : 140.89 e
spread : 13.464 e
created : 2023-08-21T14:17:55



Tropomi SWIR background noise (swir)

orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
n_coad, t_exp : 2, 0.5383
median : 138.78 e
spread : 13.592 e
created : 2023-08-21T14:17:56

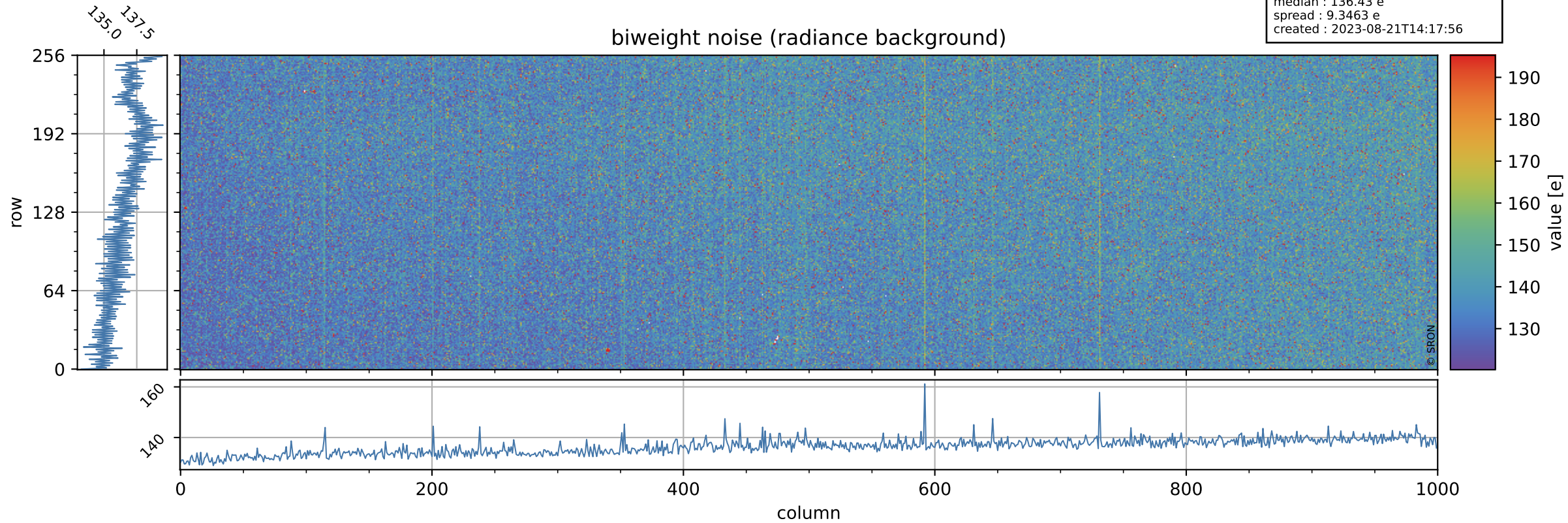
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
n_coad, t_exp : 2, 0.5383
median : 136.43 e
spread : 9.3463 e
created : 2023-08-21T14:17:56

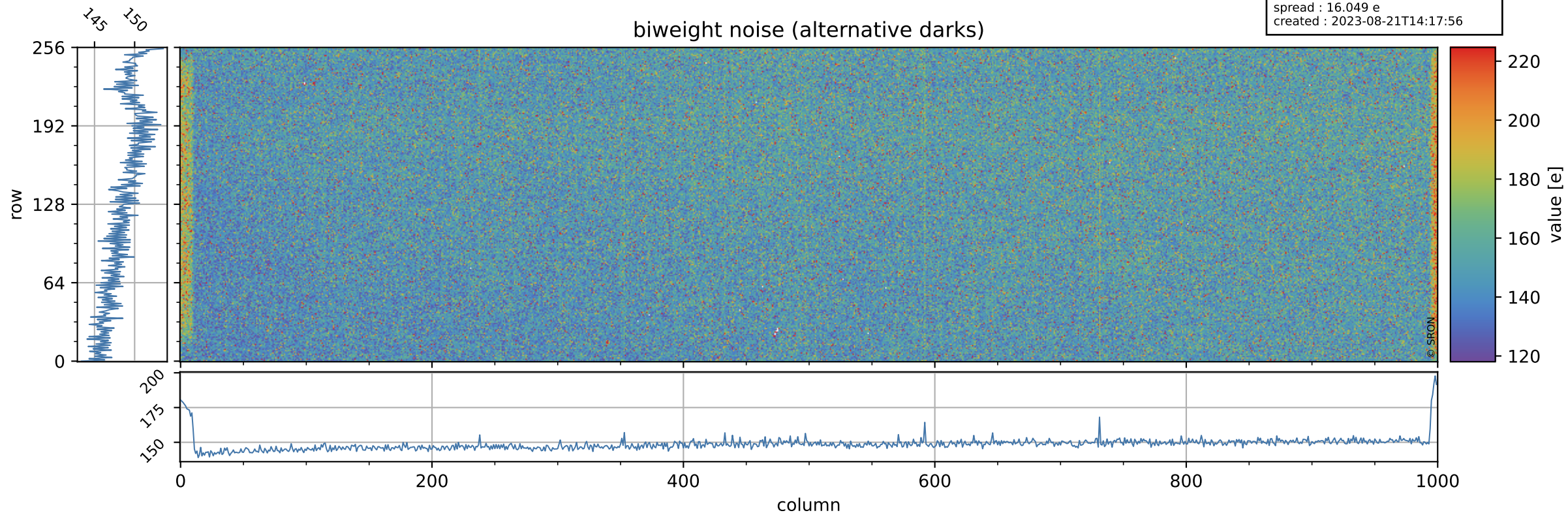
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 16.049 e
created : 2023-08-21T14:17:56

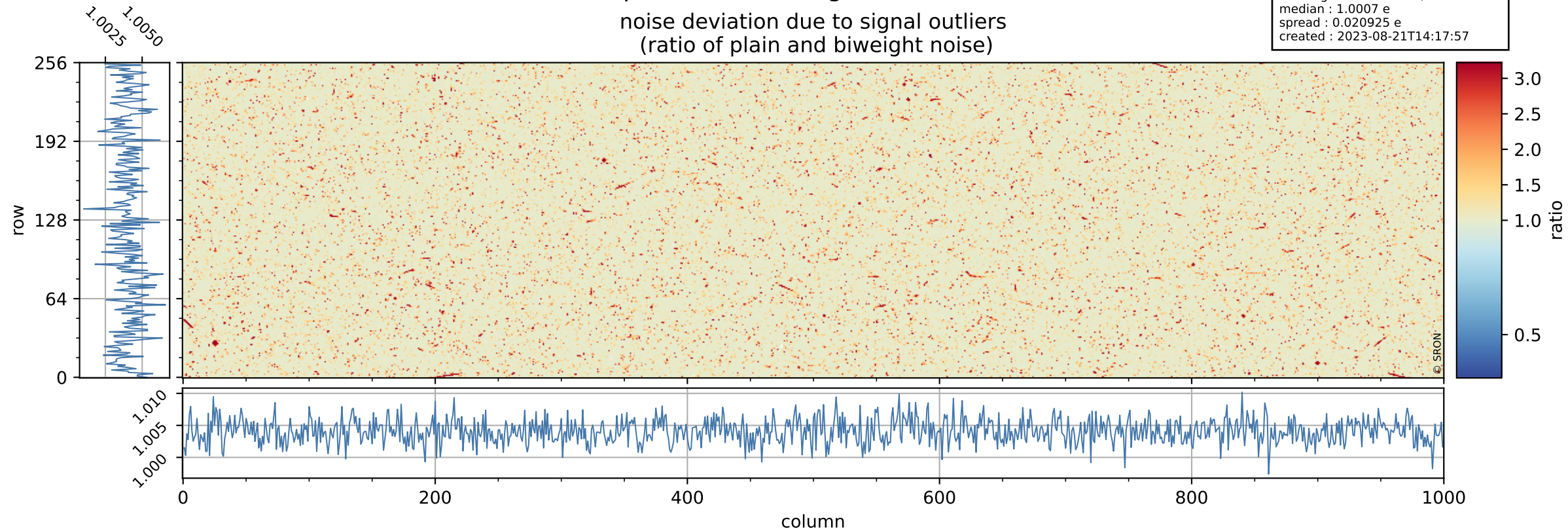
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

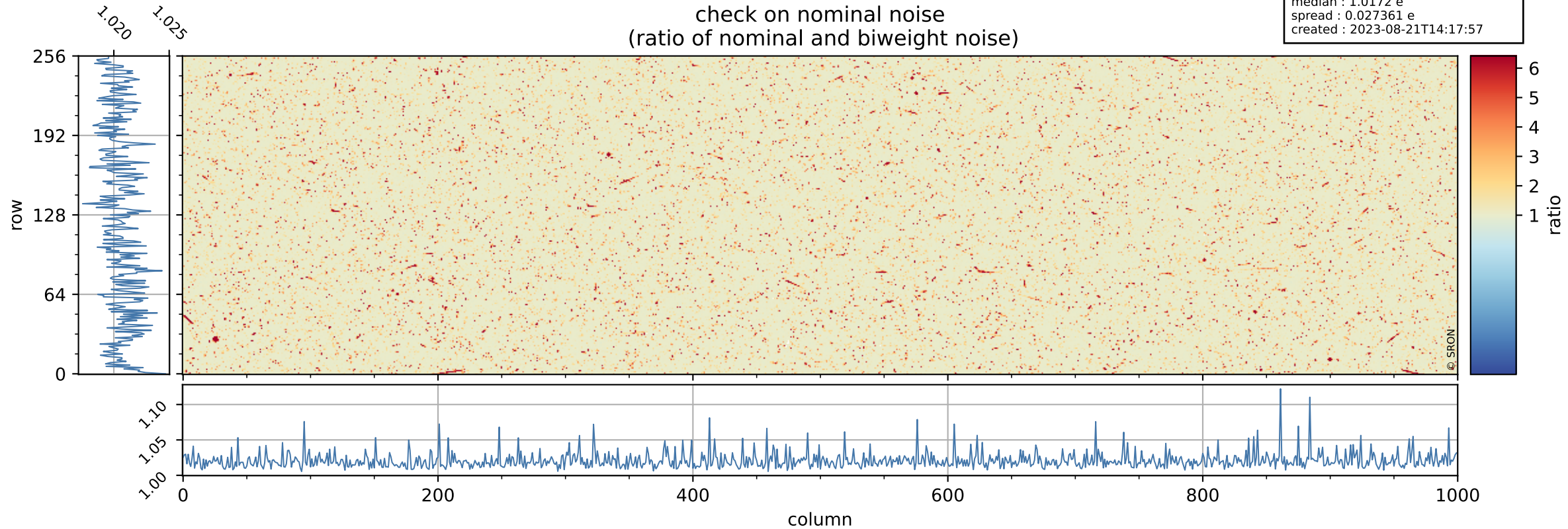
orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
median : 1.0007 e
spread : 0.020925 e
created : 2023-08-21T14:17:57



Tropomi SWIR background noise (swir)

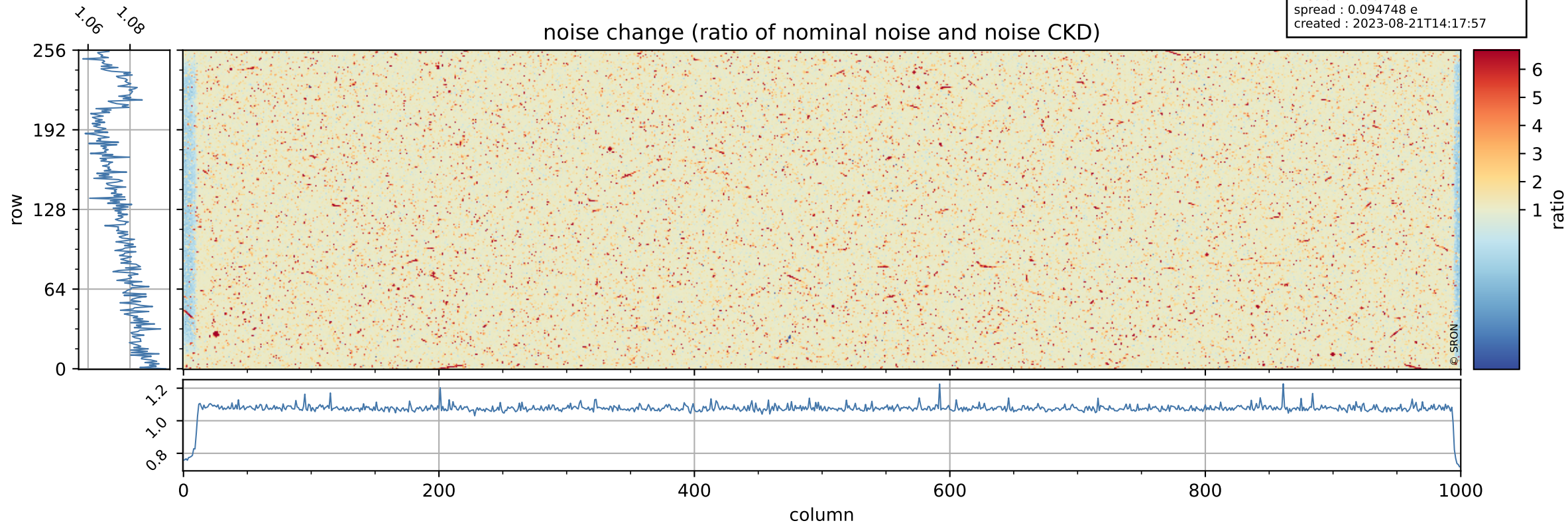
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
median : 1.0172 e
spread : 0.027361 e
created : 2023-08-21T14:17:57



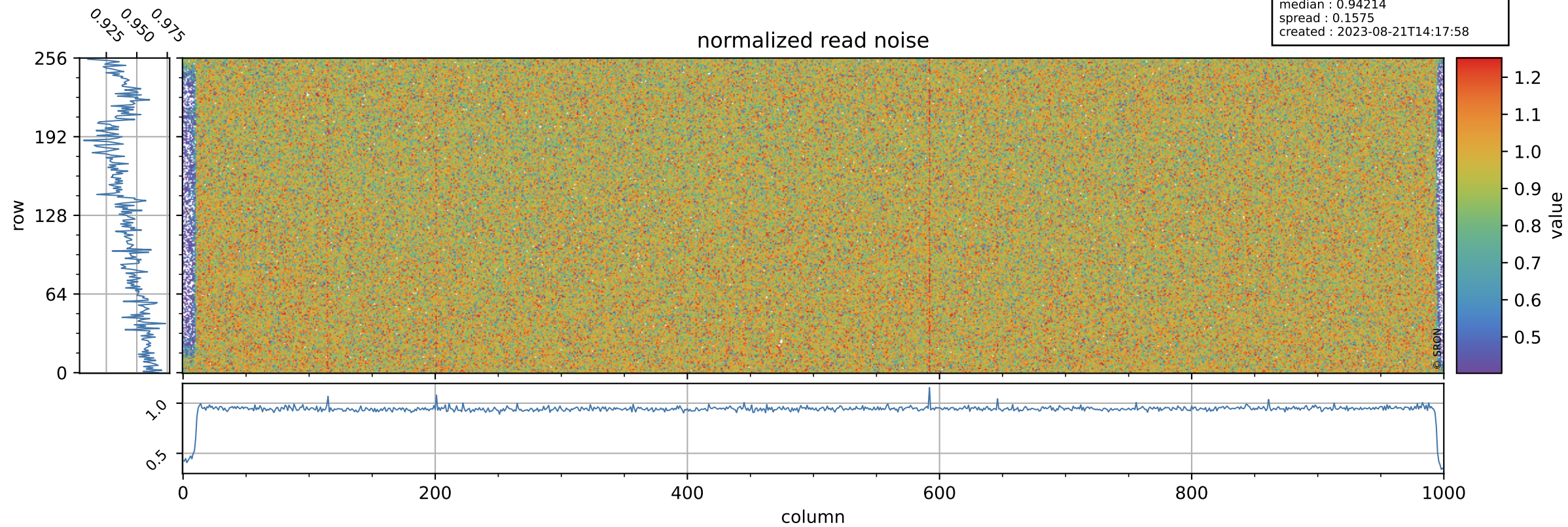
Tropomi SWIR background noise (swir)

orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
median : 1.067 e
spread : 0.094748 e
created : 2023-08-21T14:17:57



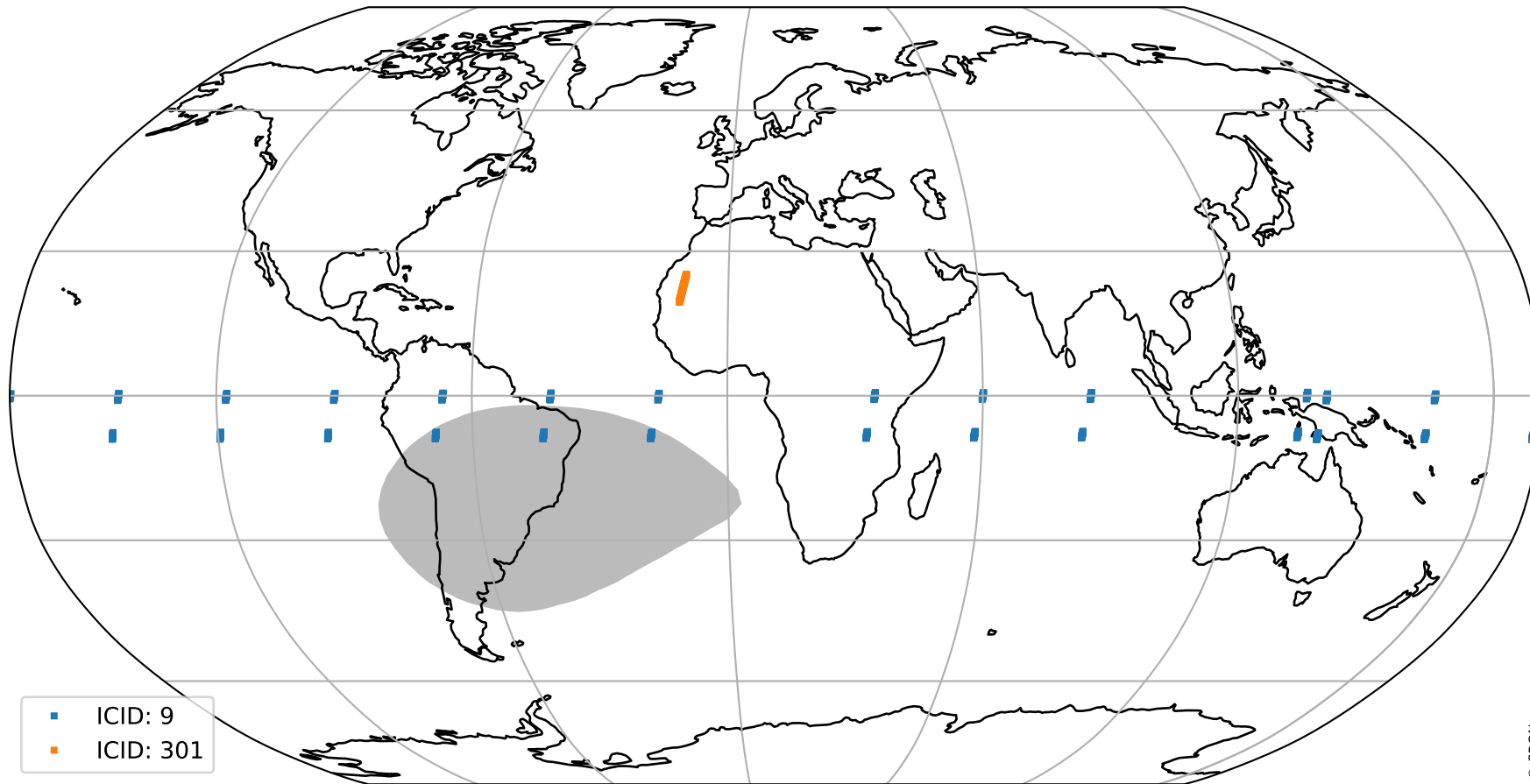
Tropomi SWIR background noise (swir)

orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
median : 0.94214
spread : 0.1575
created : 2023-08-21T14:17:58



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

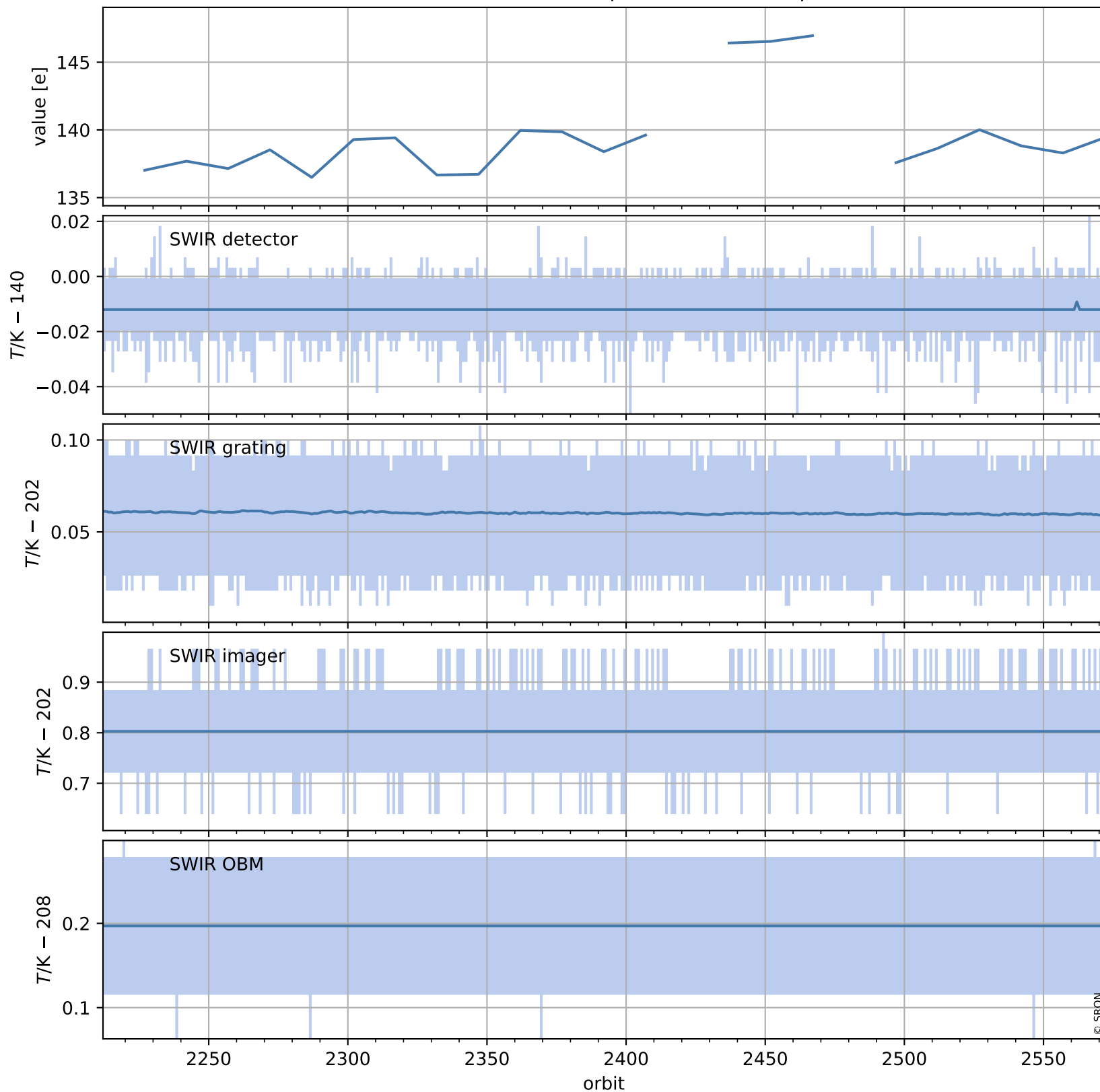
orbits : 13 in [2557, 2572]
coverage : 2018-04-11 / 2018-04-12
created : 2023-08-21T14:17:58



Tropomi SWIR background noise (swir)

orbits : [2212, 2572]
coverage : 2018-03-18 / 2018-04-12
created : 2023-08-21T14:17:58

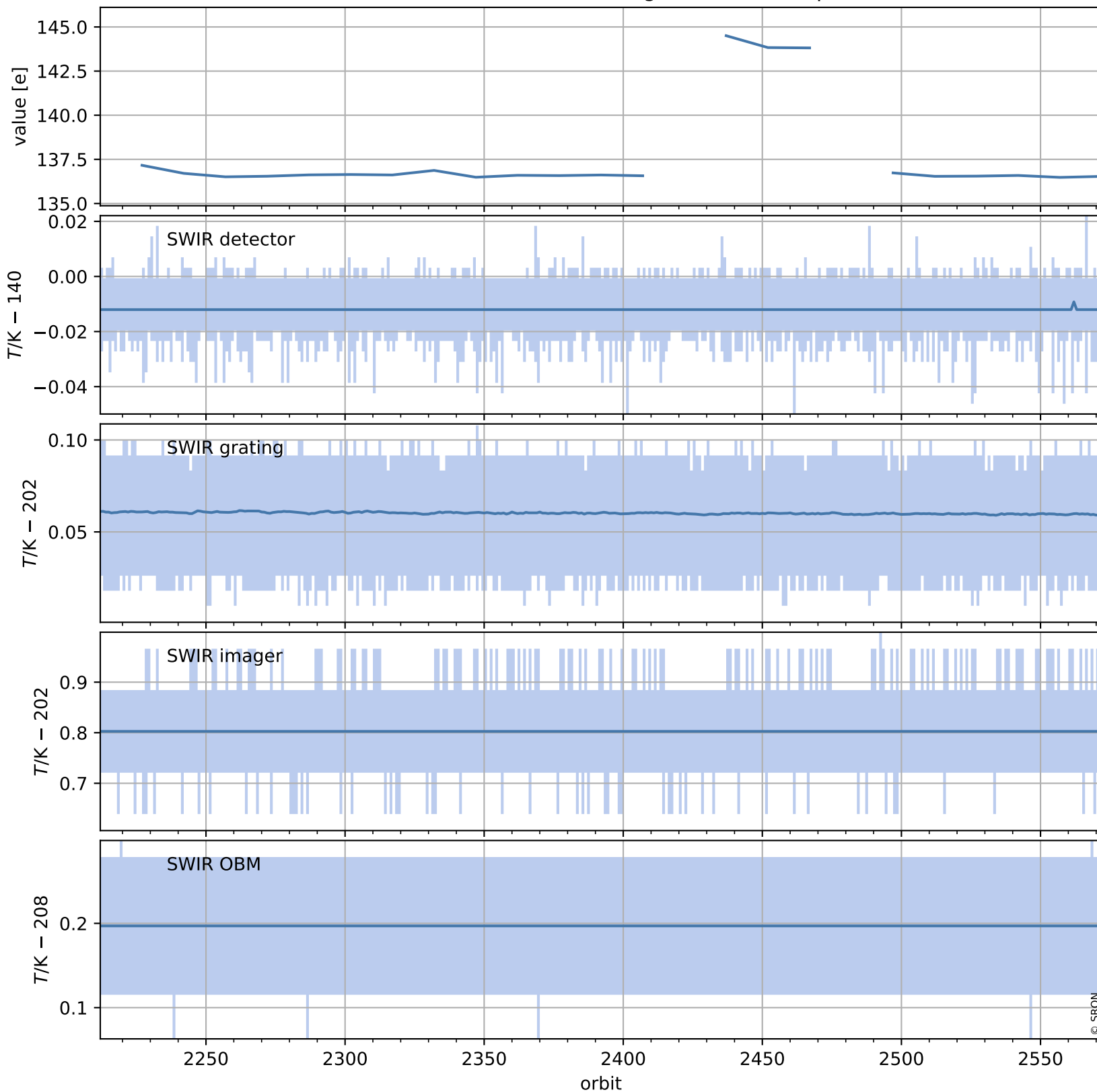
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2572]
coverage : 2018-03-18 / 2018-04-12
created : 2023-08-21T14:17:59

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2572]
coverage : 2018-03-18 / 2018-04-12
created : 2023-08-21T14:17:59

trend of normalized read-noise & temperatures

