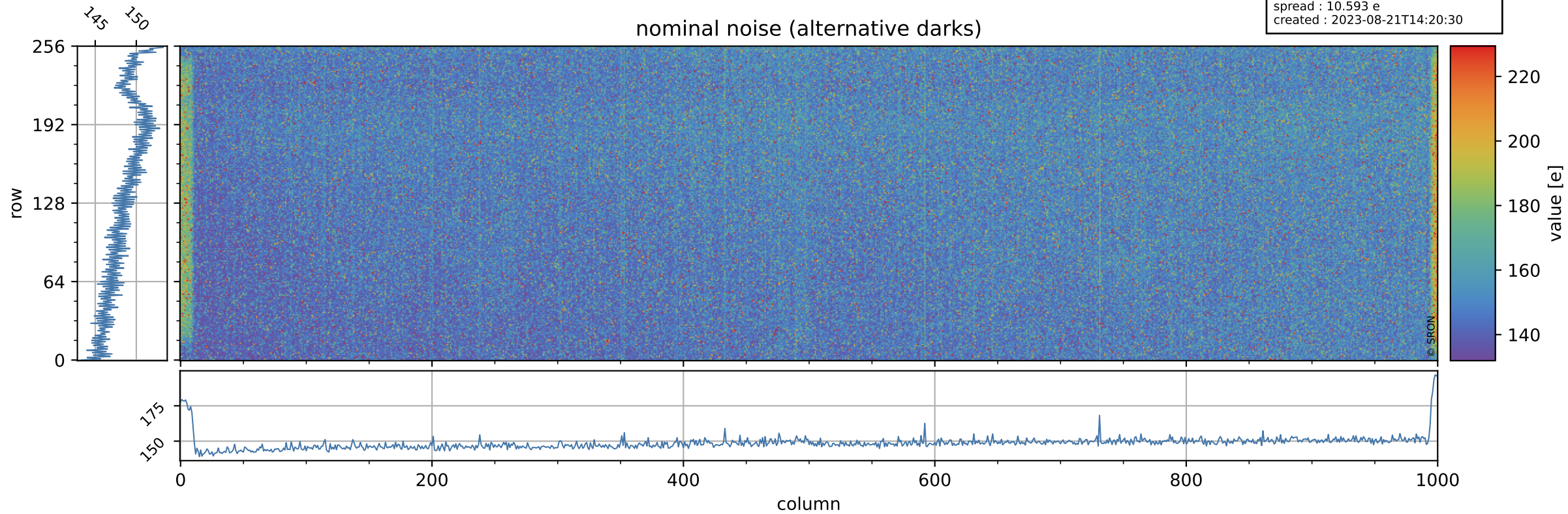


Tropomi SWIR background noise (swir)

orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.593 e
created : 2023-08-21T14:20:30

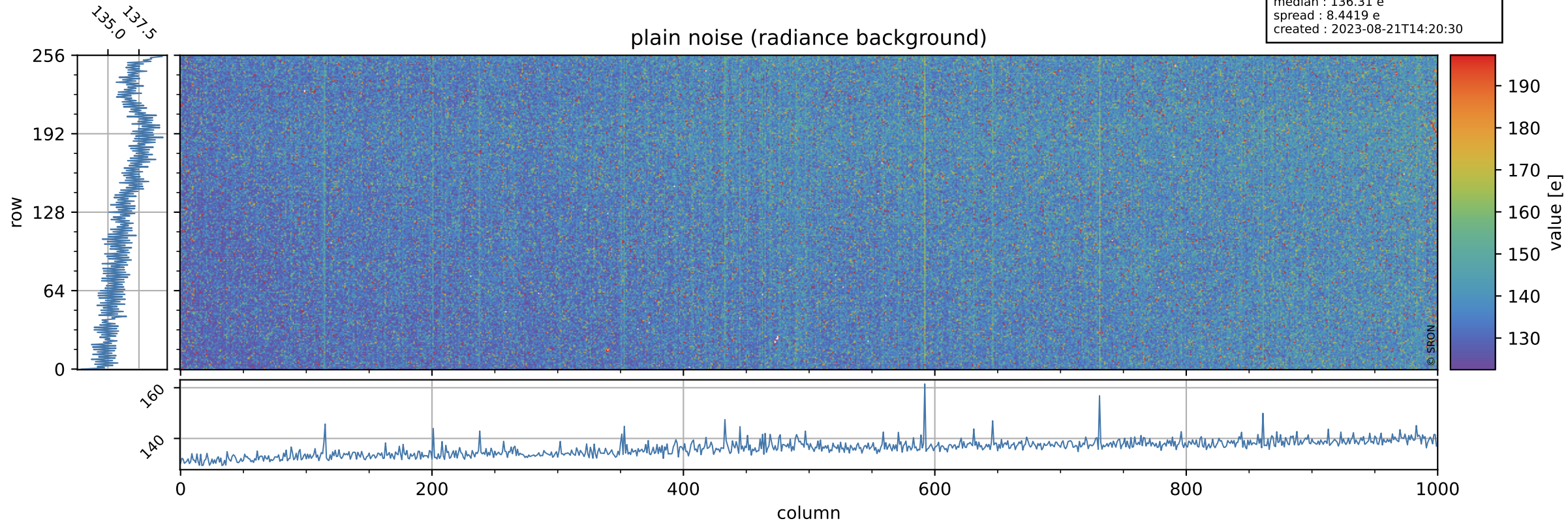
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
n_coad, t_exp : 2, 0.5383
median : 136.31 e
spread : 8.4419 e
created : 2023-08-21T14:20:30

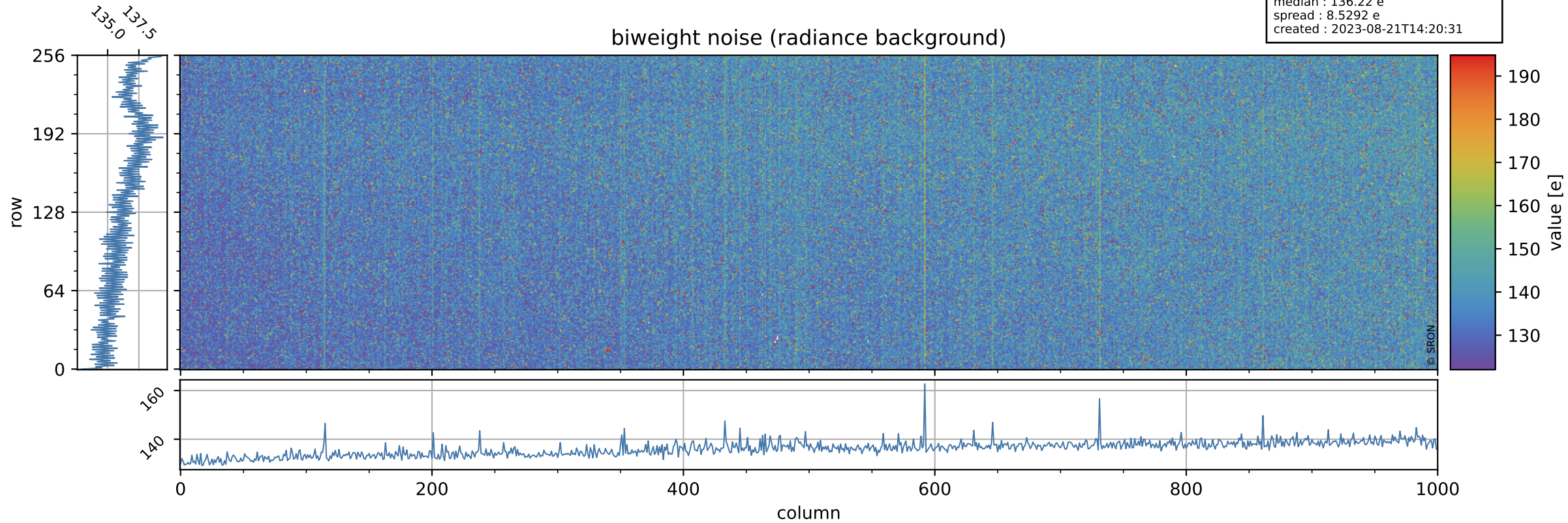
plain noise (radiance background)



Tropomi SWIR background noise (swir)

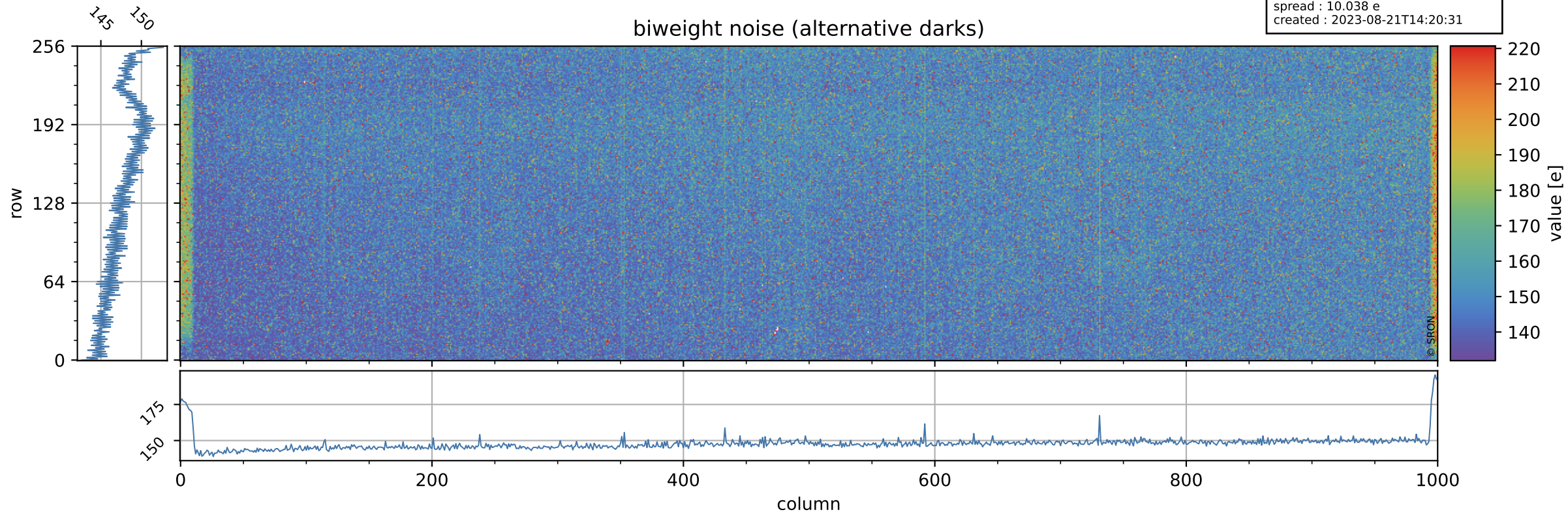
orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
n_coad, t_exp : 2, 0.5383
median : 136.22 e
spread : 8.5292 e
created : 2023-08-21T14:20:31

biweight noise (radiance background)



Tropomi SWIR background noise (swir)

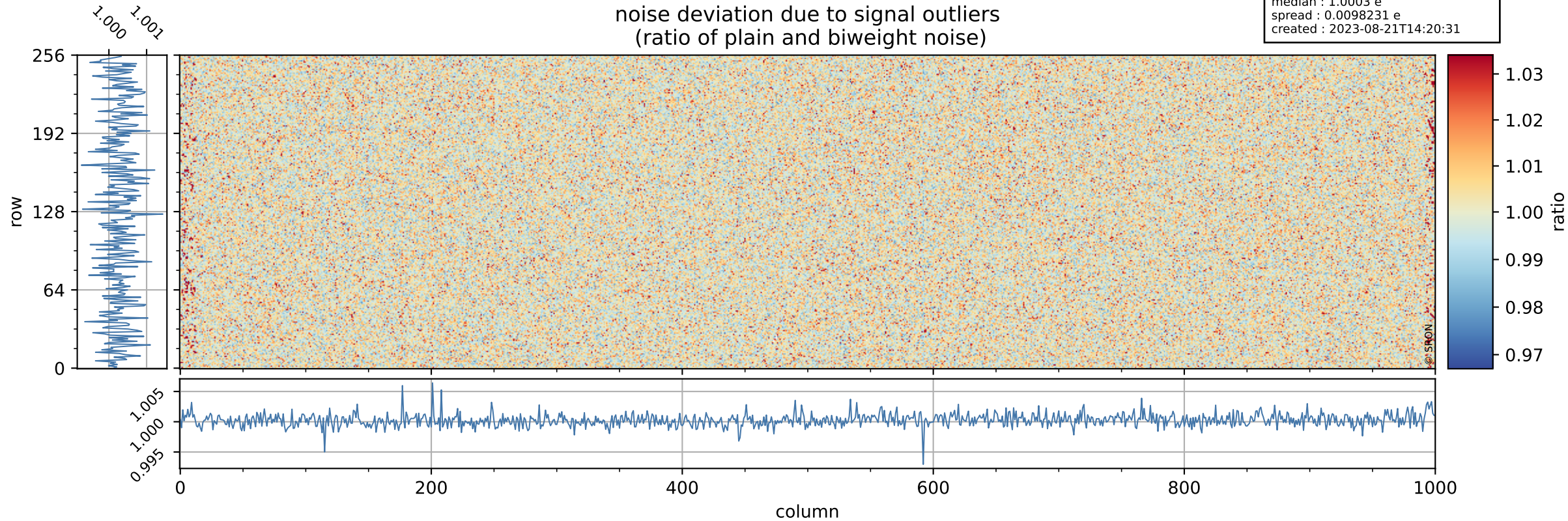
orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 10.038 e
created : 2023-08-21T14:20:31



Tropomi SWIR background noise (swir)

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

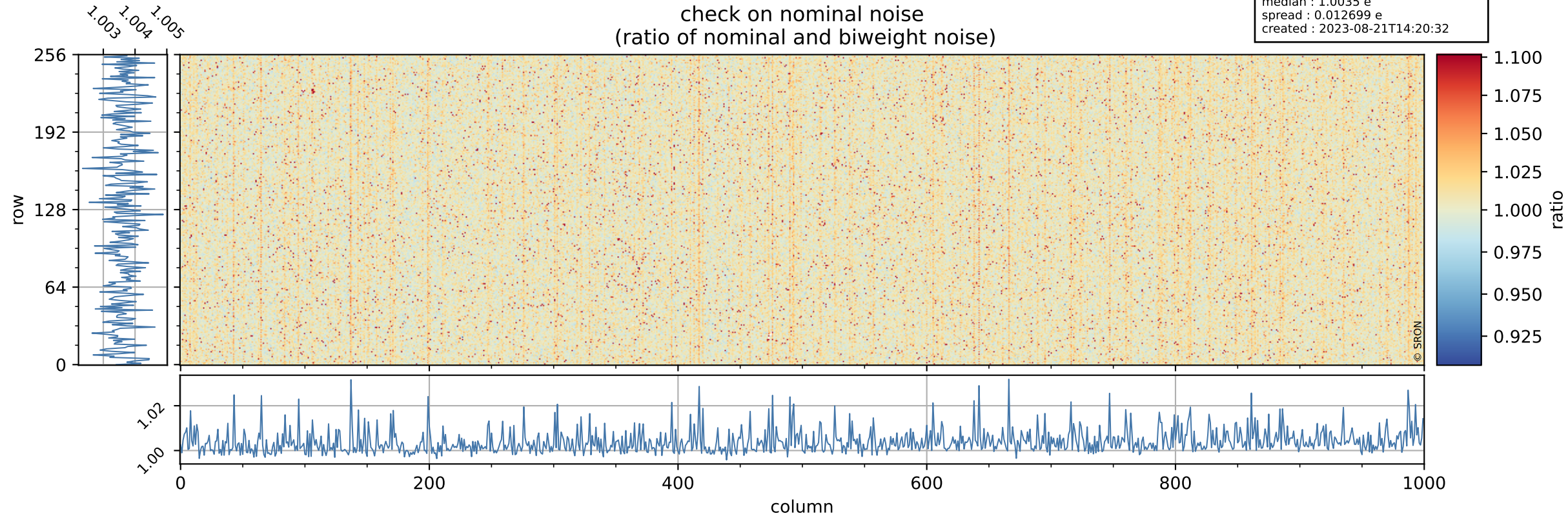
orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
median : 1.0003 e
spread : 0.0098231 e
created : 2023-08-21T14:20:31



Tropomi SWIR background noise (swir)

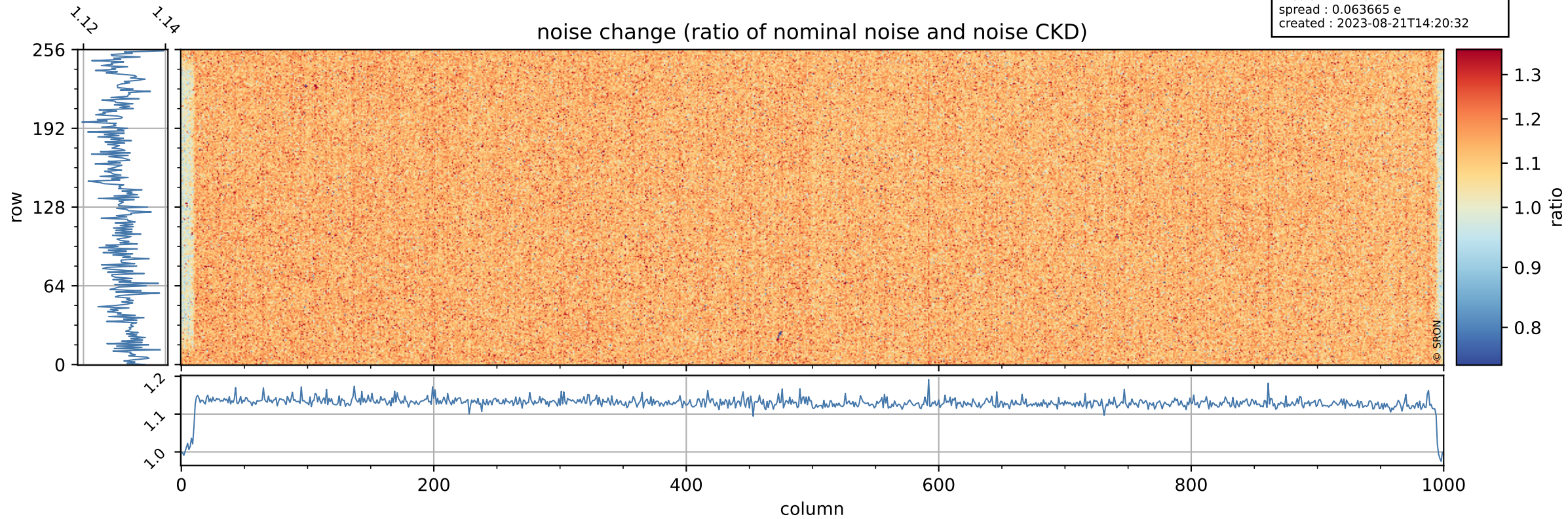
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
median : 1.0035 e
spread : 0.012699 e
created : 2023-08-21T14:20:32



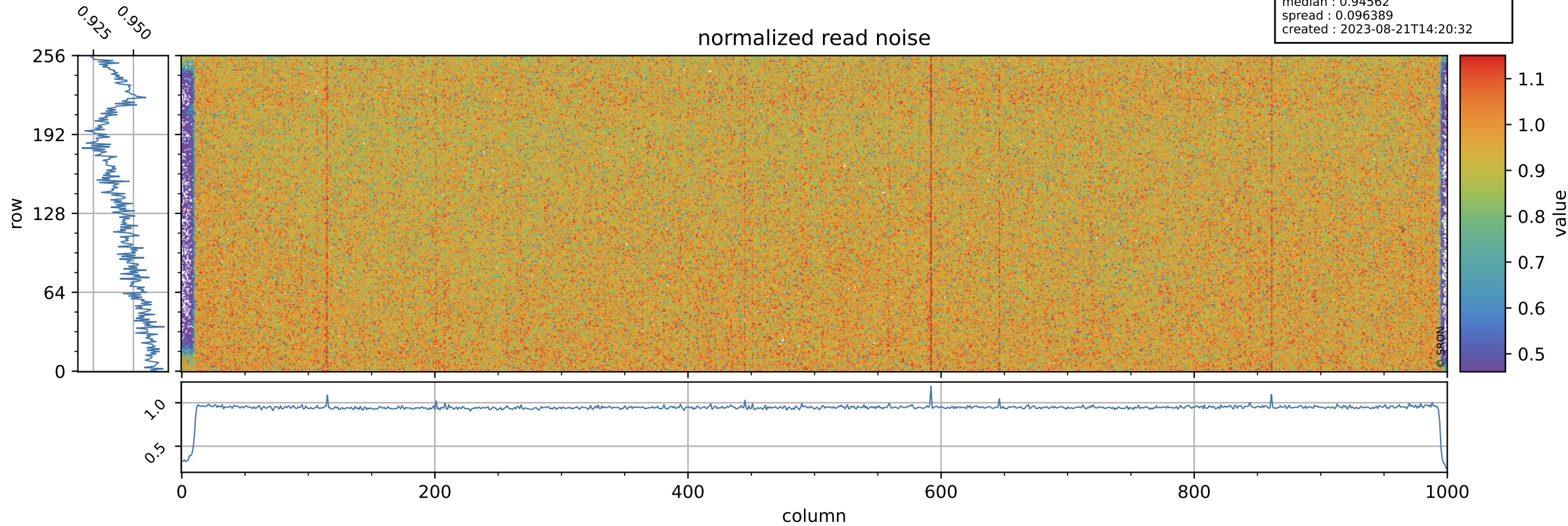
Tropomi SWIR background noise (swir)

orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
median : 1.129 e
spread : 0.063665 e
created : 2023-08-21T14:20:32



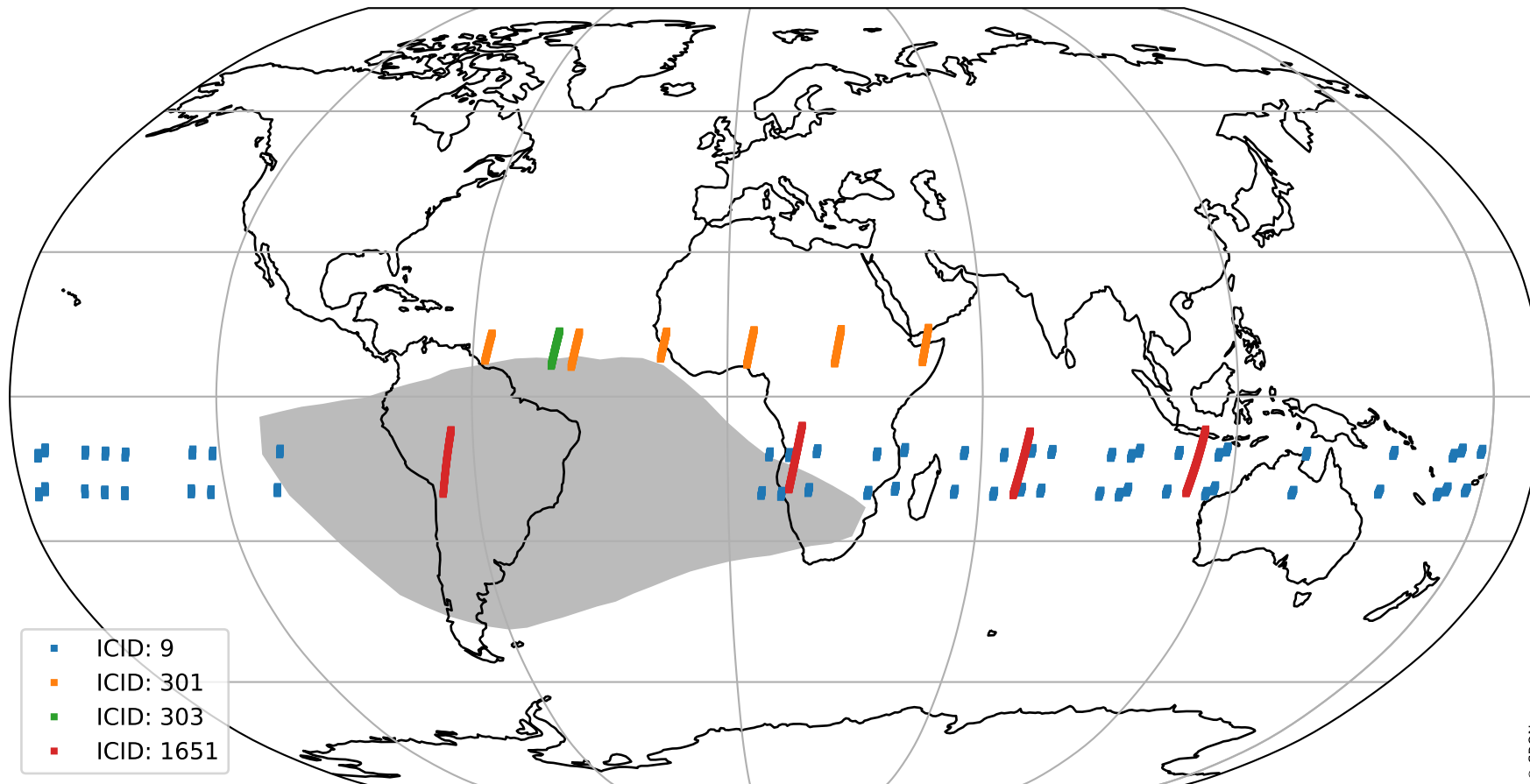
Tropomi SWIR background noise (swir)

orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
median : 0.94562
spread : 0.096389
created : 2023-08-21T14:20:32



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

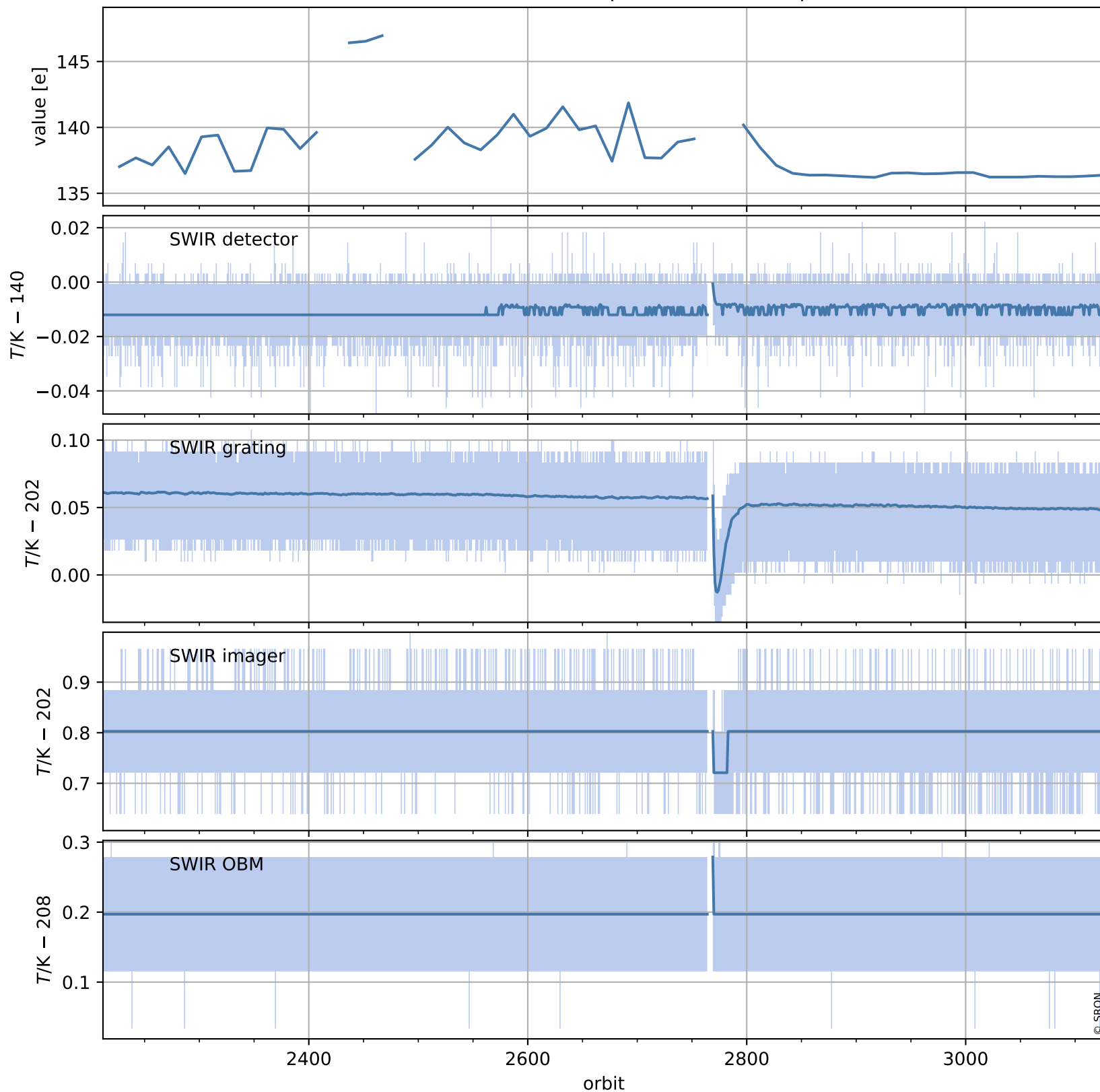
orbits : 11 in [3037, 3127]
coverage : 2018-05-15 / 2018-05-21
created : 2023-08-21T14:20:32



Tropomi SWIR background noise (swir)

orbits : [2212, 3127]
coverage : 2018-03-18 / 2018-05-21
created : 2023-08-21T14:20:33

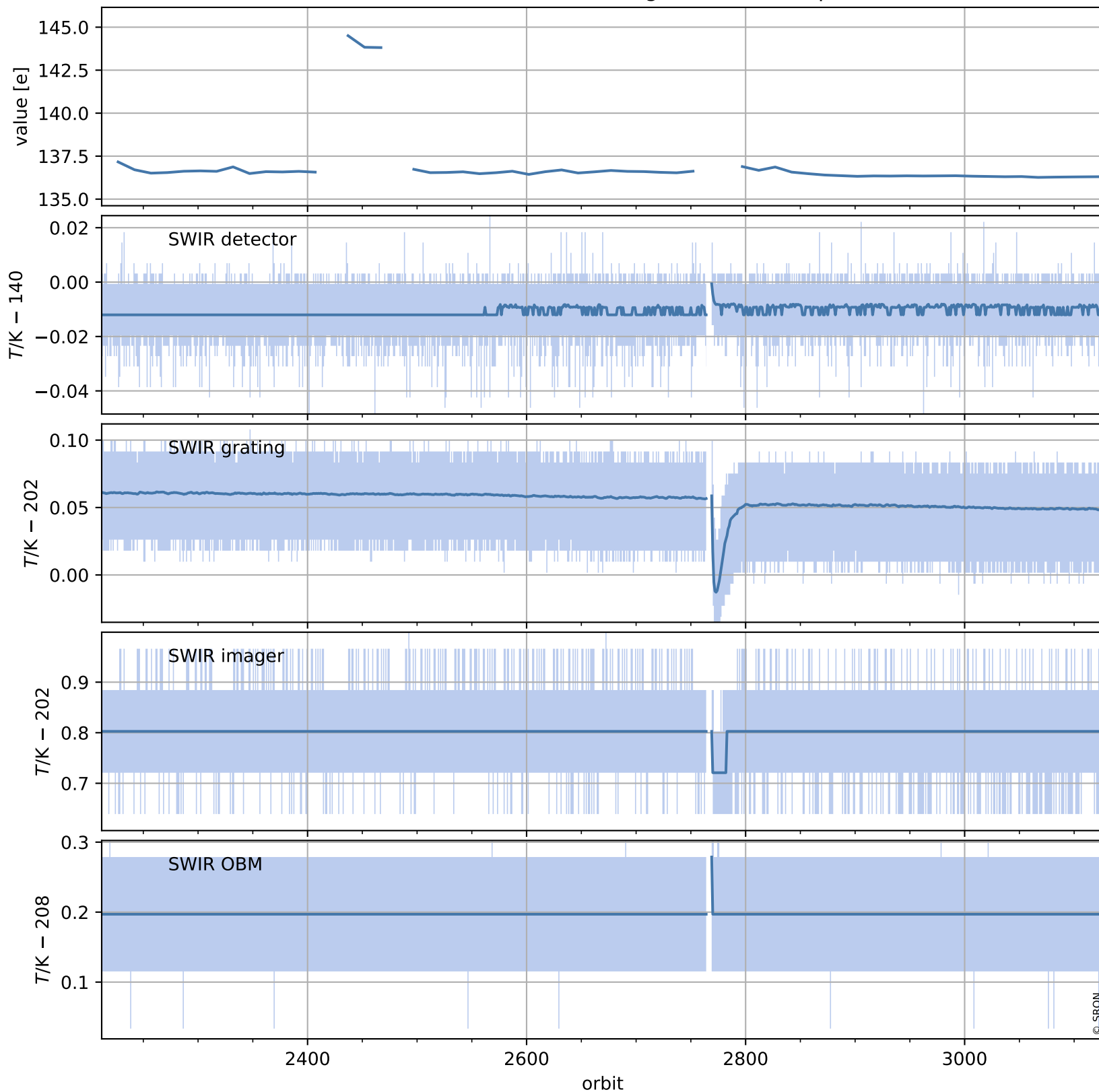
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3127]
coverage : 2018-03-18 / 2018-05-21
created : 2023-08-21T14:20:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 3127]
coverage : 2018-03-18 / 2018-05-21
created : 2023-08-21T14:20:33

trend of normalized read-noise & temperatures

