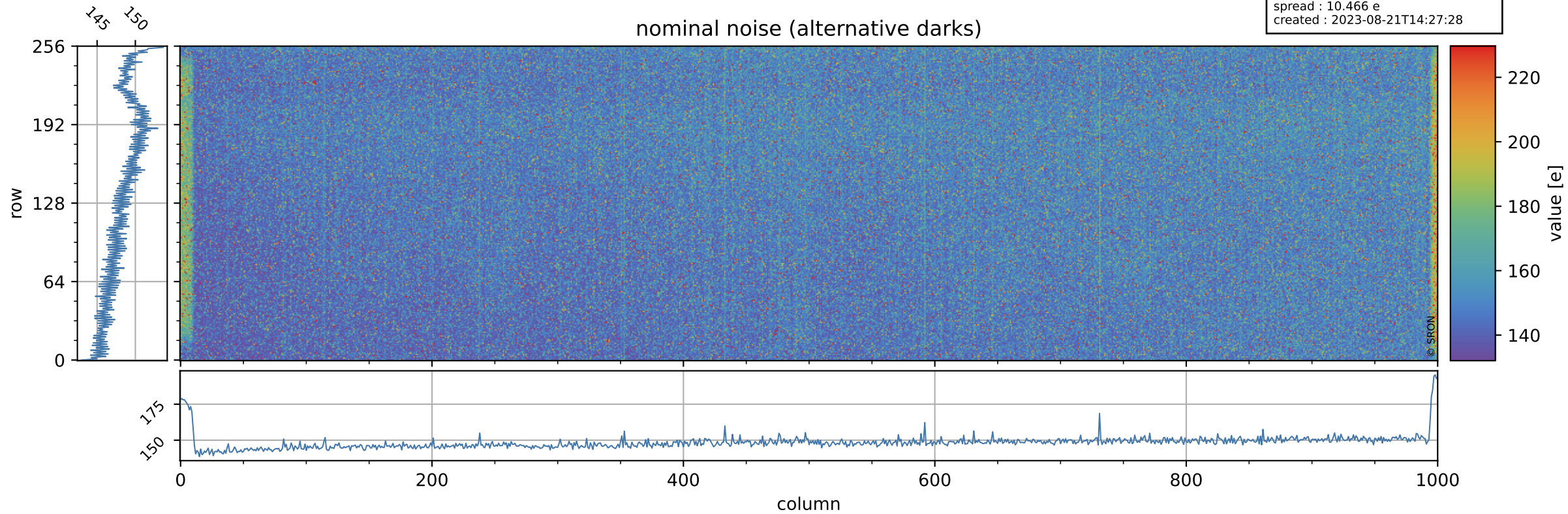


Tropomi SWIR background noise (swir)

orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
n_coad, t_exp : 1, 1.0783
median : 148.23 e
spread : 10.466 e
created : 2023-08-21T14:27:28

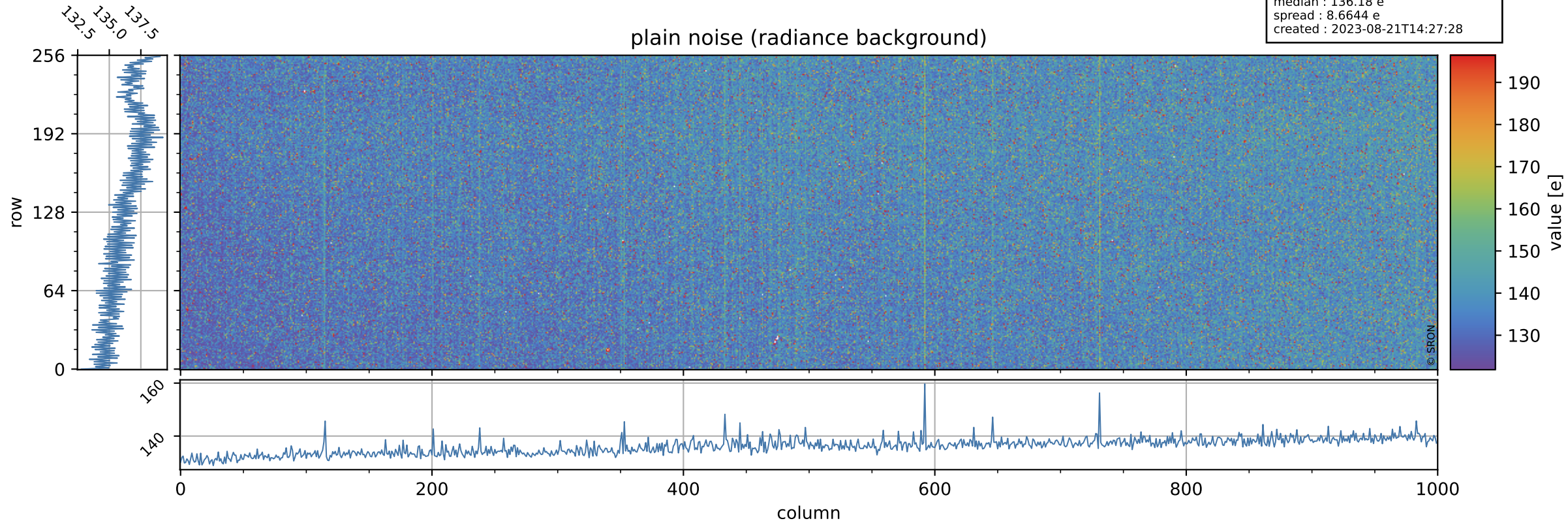
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.6644 e
created : 2023-08-21T14:27:28

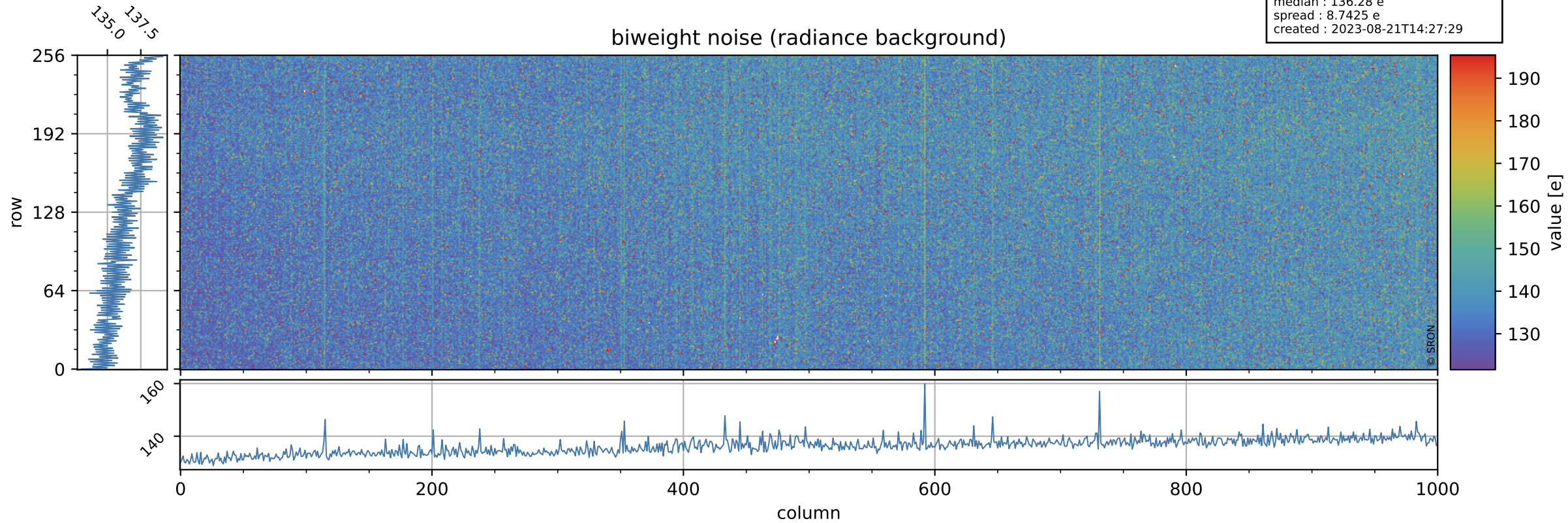
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.7425 e
created : 2023-08-21T14:27:29

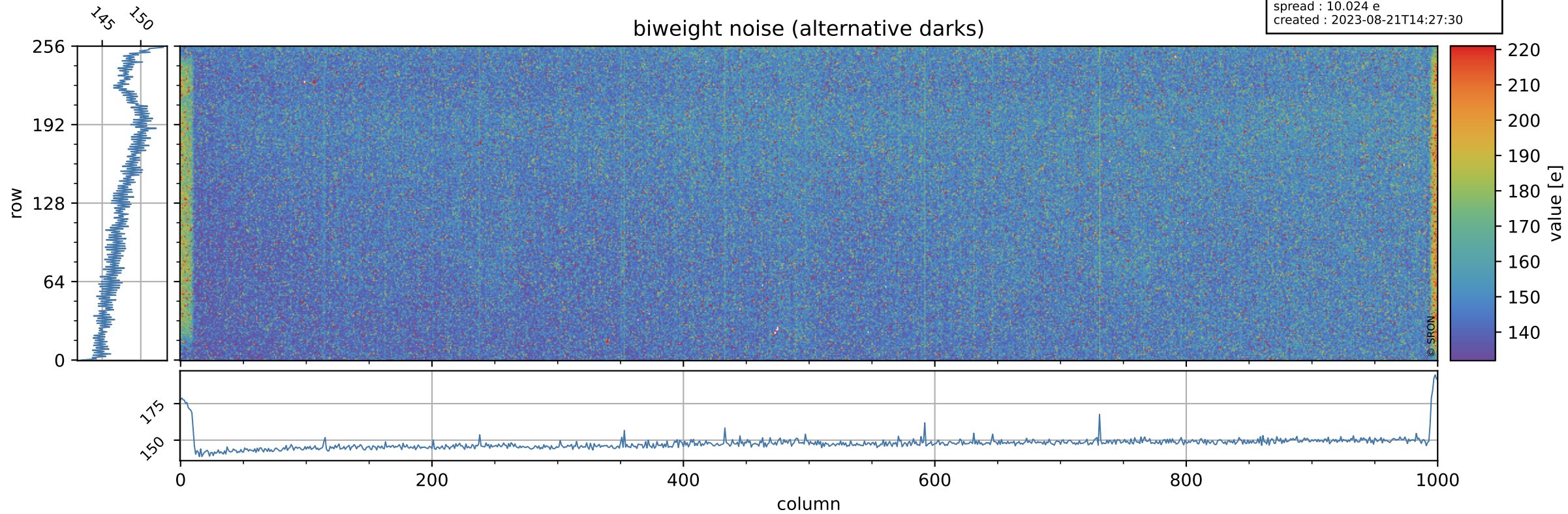
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 10.024 e
created : 2023-08-21T14:27:30

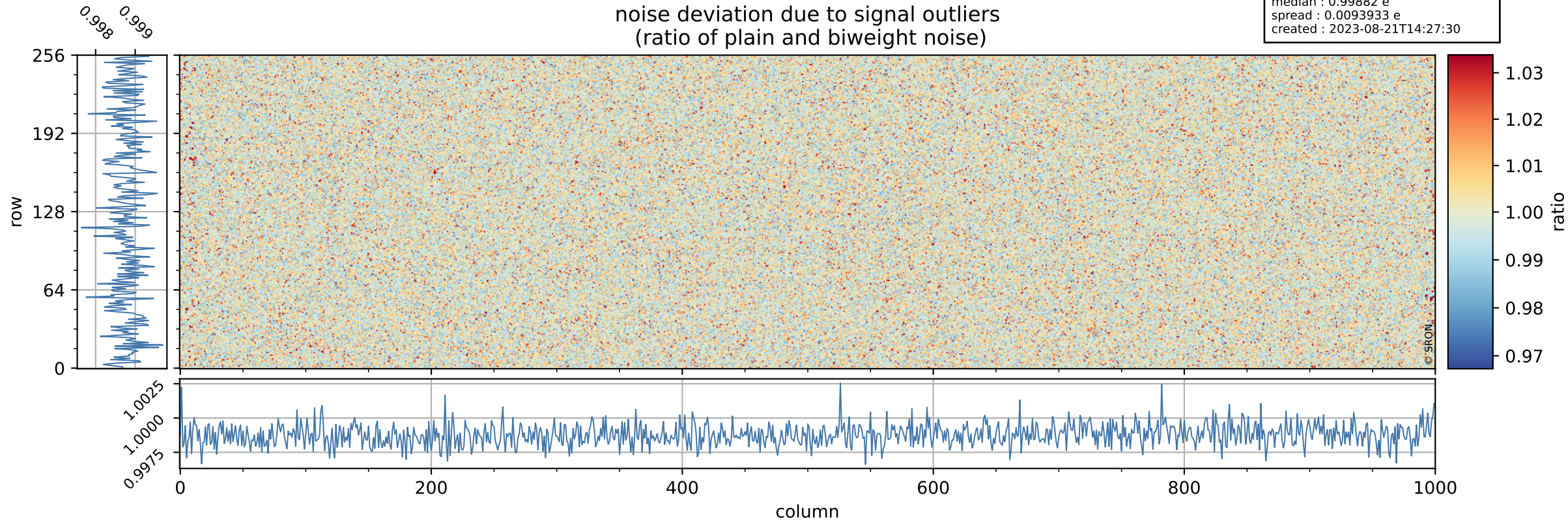
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

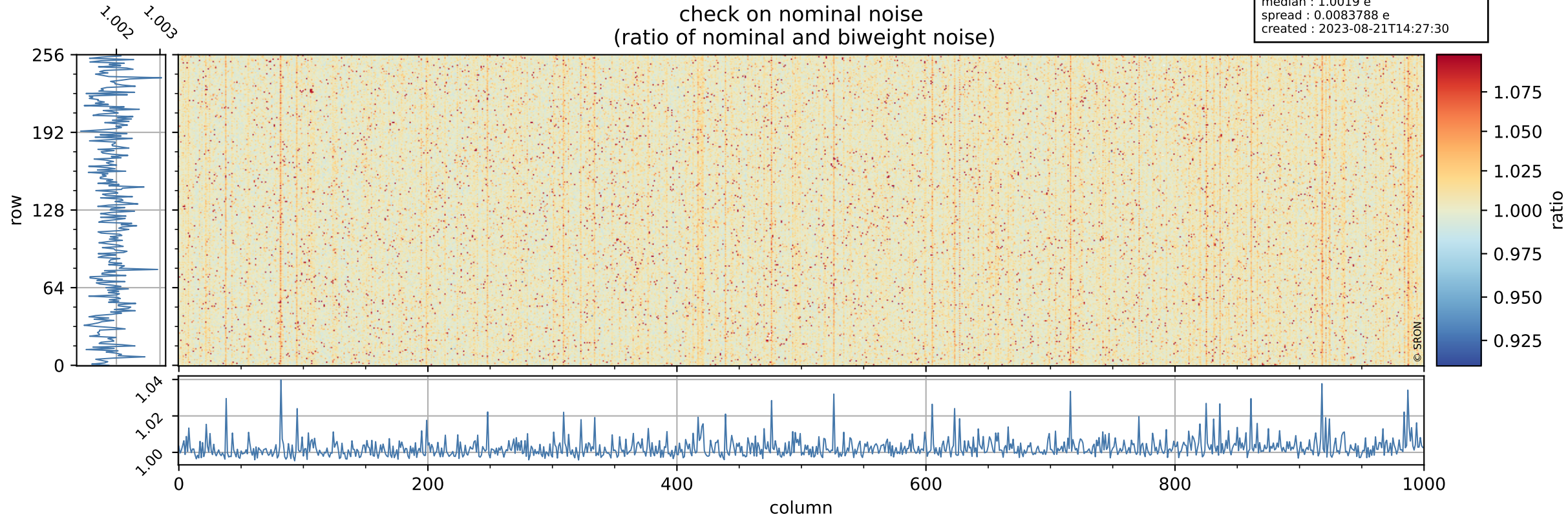
orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
median : 0.99882 e
spread : 0.0093933 e
created : 2023-08-21T14:27:30



Tropomi SWIR background noise (swir)

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

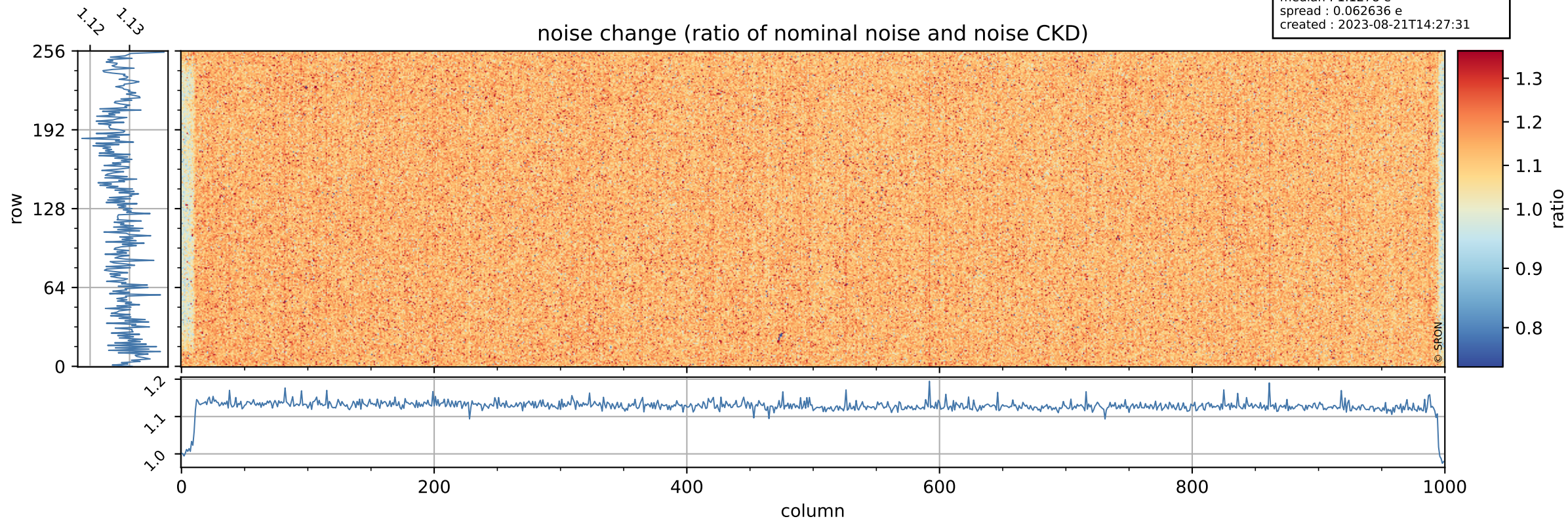
orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
median : 1.0019 e
spread : 0.0083788 e
created : 2023-08-21T14:27:30



Tropomi SWIR background noise (swir)

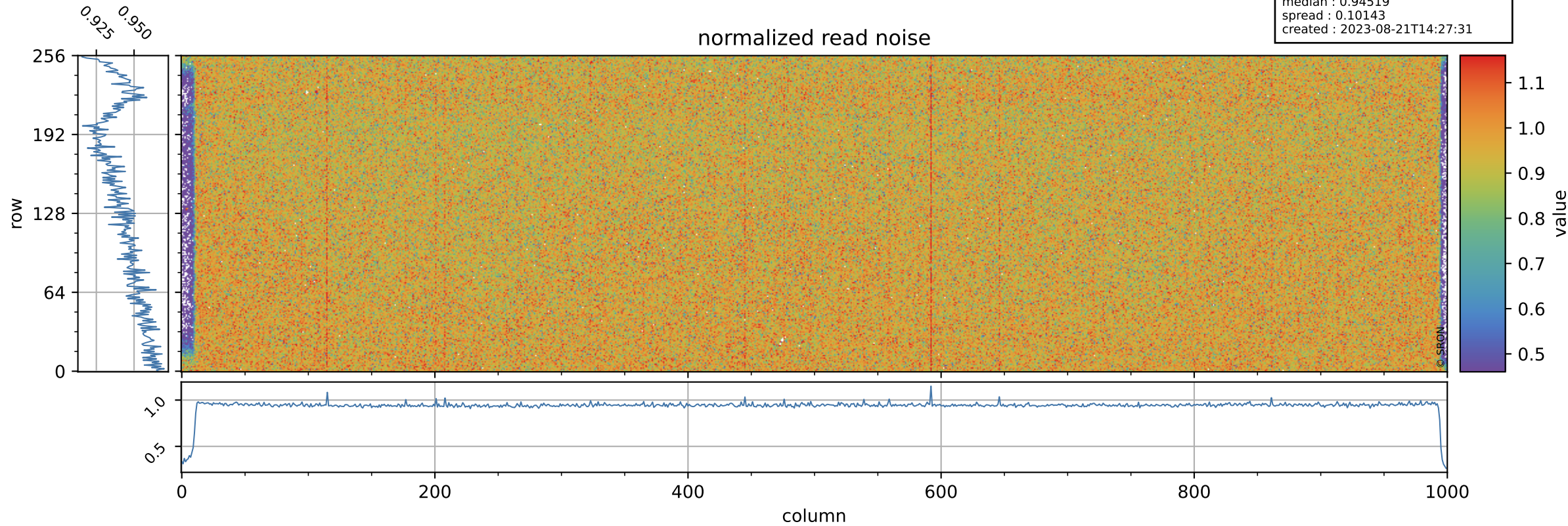
orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
median : 1.1278 e
spread : 0.062636 e
created : 2023-08-21T14:27:31

noise change (ratio of nominal noise and noise CKD)



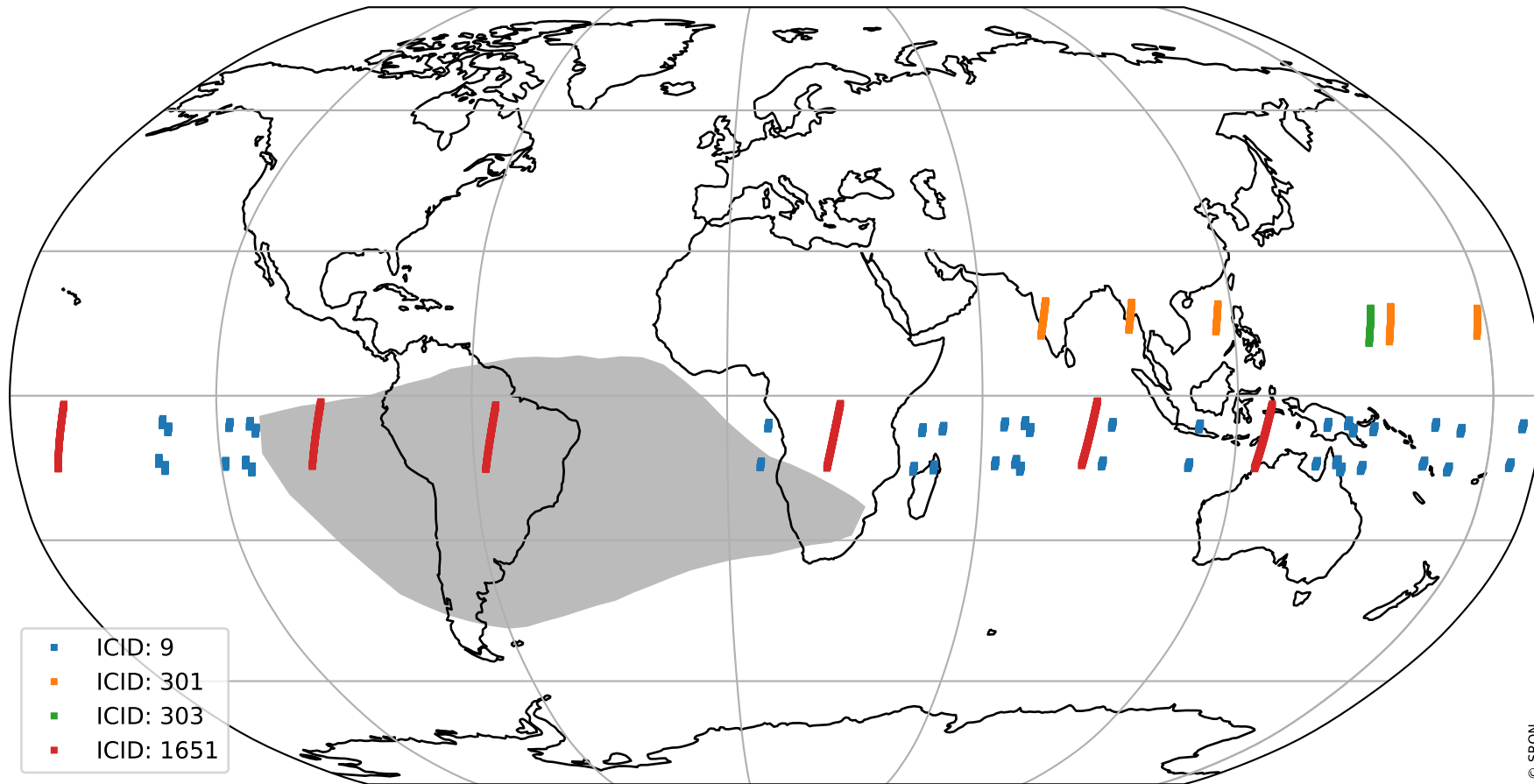
Tropomi SWIR background noise (swir)

orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
median : 0.94519
spread : 0.10143
created : 2023-08-21T14:27:31



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

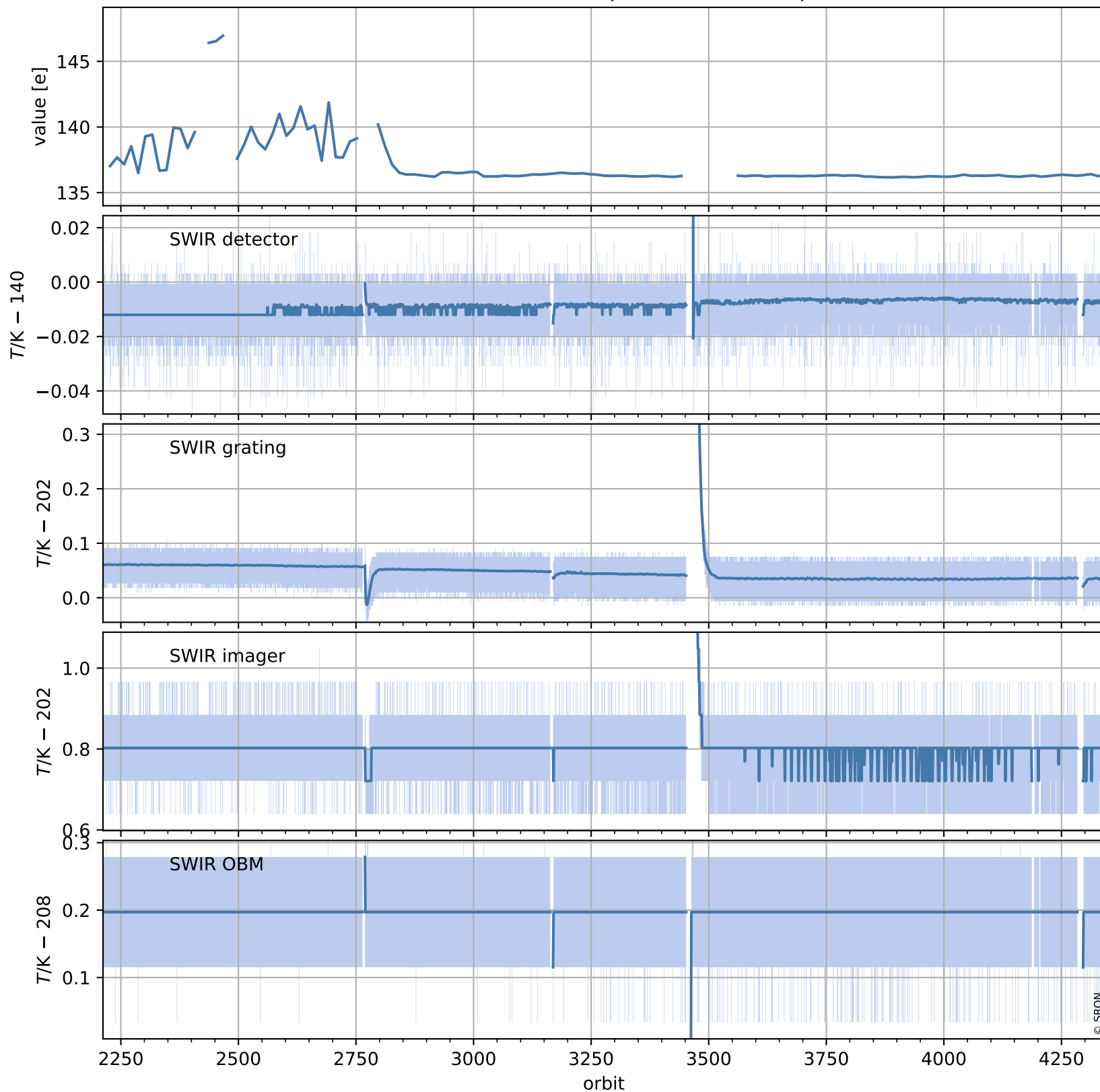
orbits : 12 in [4267, 4342]
coverage : 2018-08-09 / 2018-08-14
created : 2023-08-21T14:27:32



Tropomi SWIR background noise (swir)

orbits : [2212, 4342]
coverage : 2018-03-18 / 2018-08-14
created : 2023-08-21T14:27:32

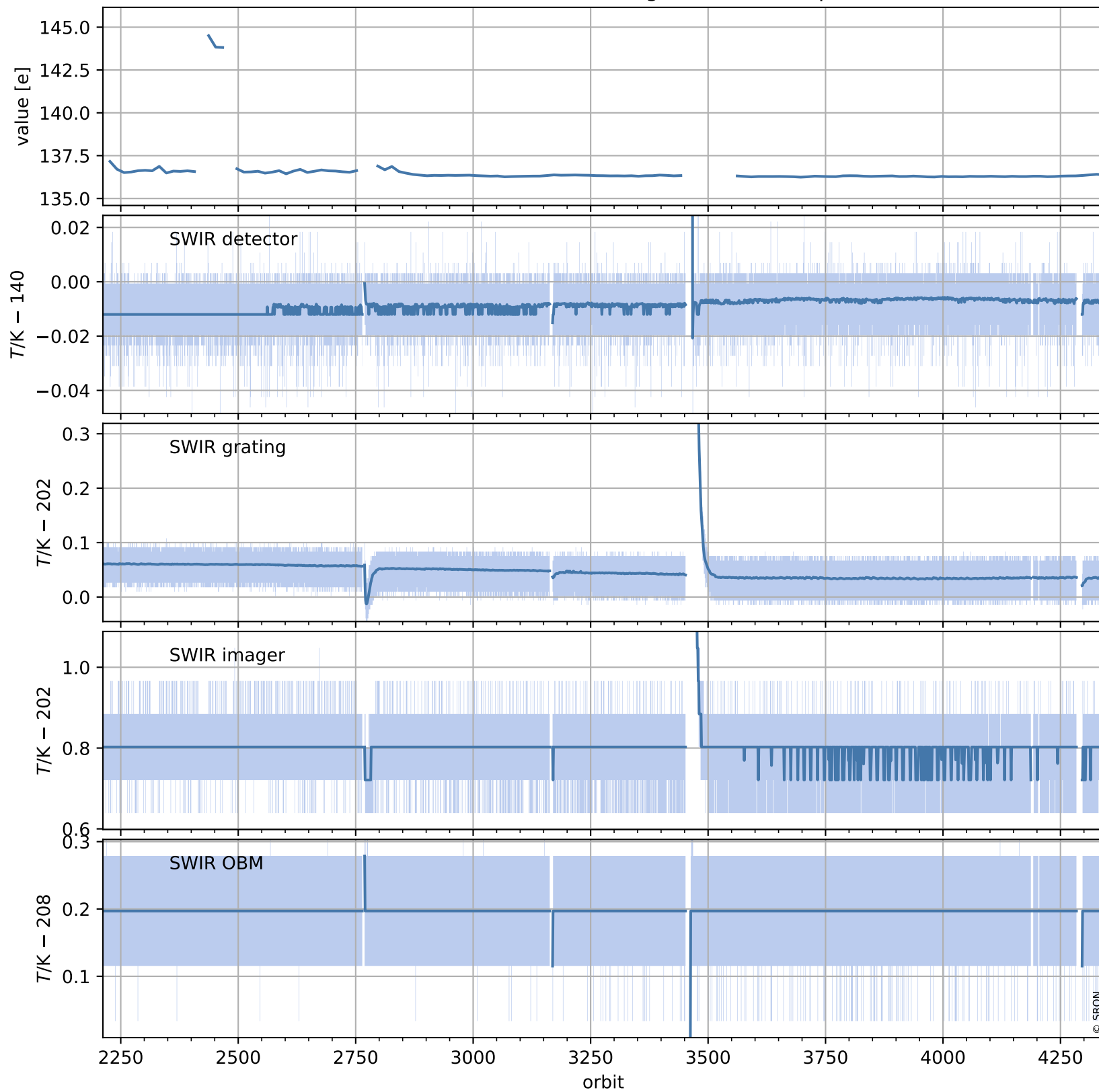
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4342]
coverage : 2018-03-18 / 2018-08-14
created : 2023-08-21T14:27:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4342]
coverage : 2018-03-18 / 2018-08-14
created : 2023-08-21T14:27:34

trend of normalized read-noise & temperatures

