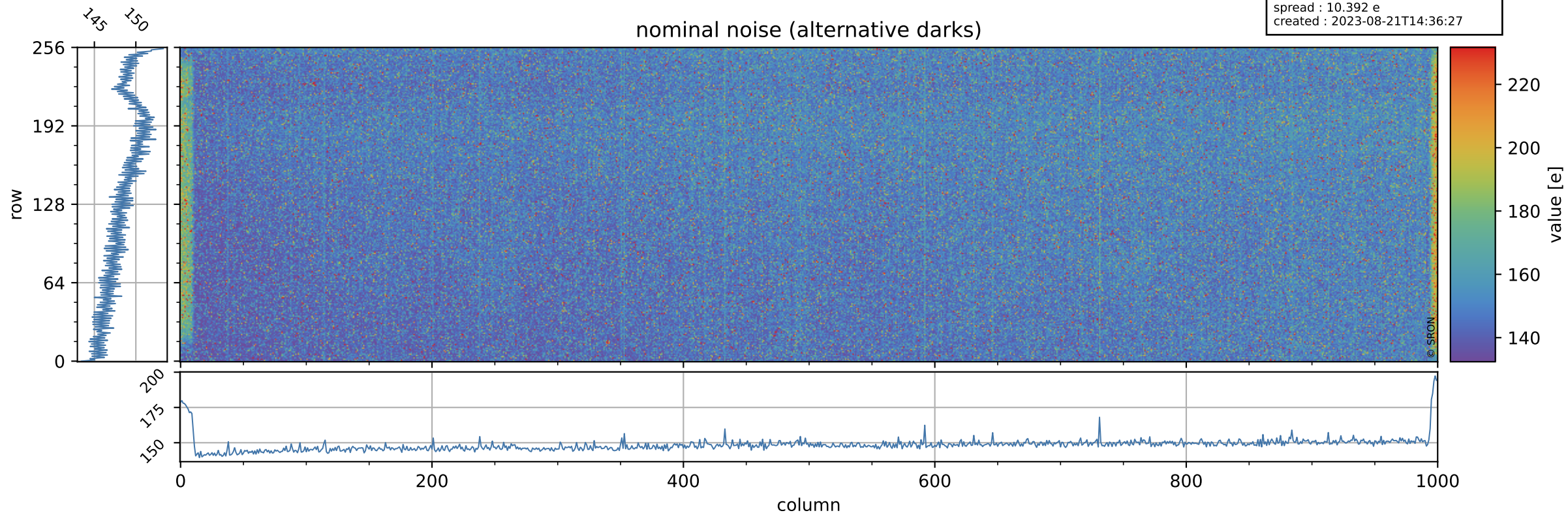


Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
n_coad, t_exp : 1, 1.0783
median : 148.3 e
spread : 10.392 e
created : 2023-08-21T14:36:27

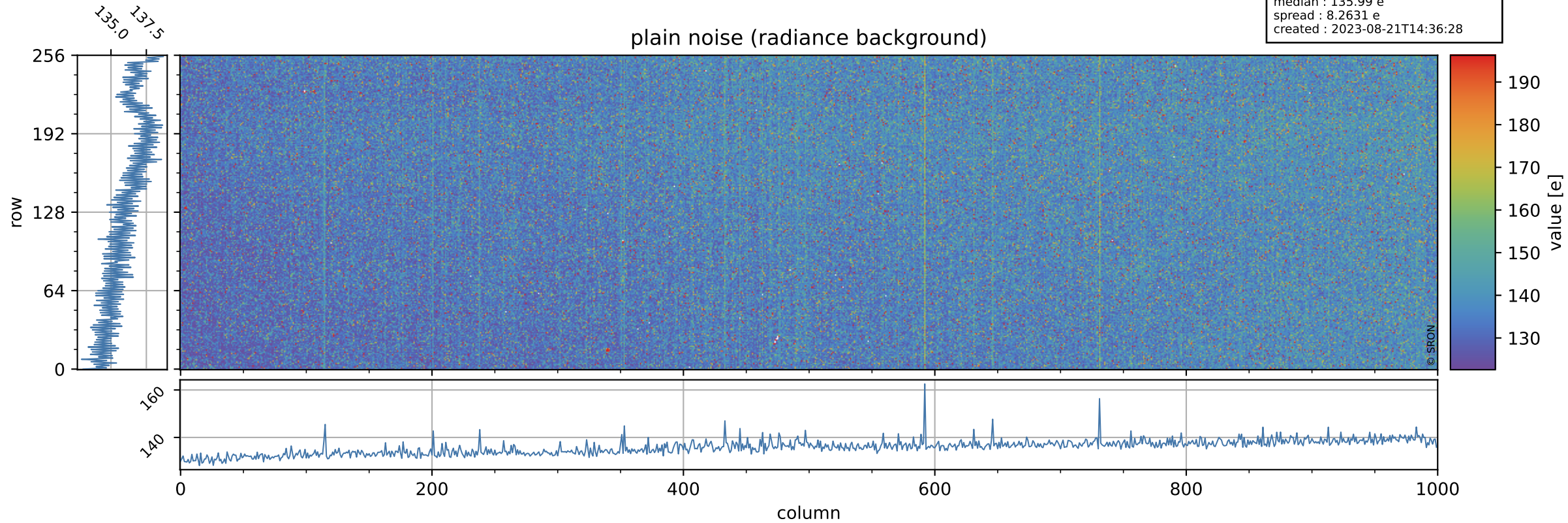
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2631 e
created : 2023-08-21T14:36:28

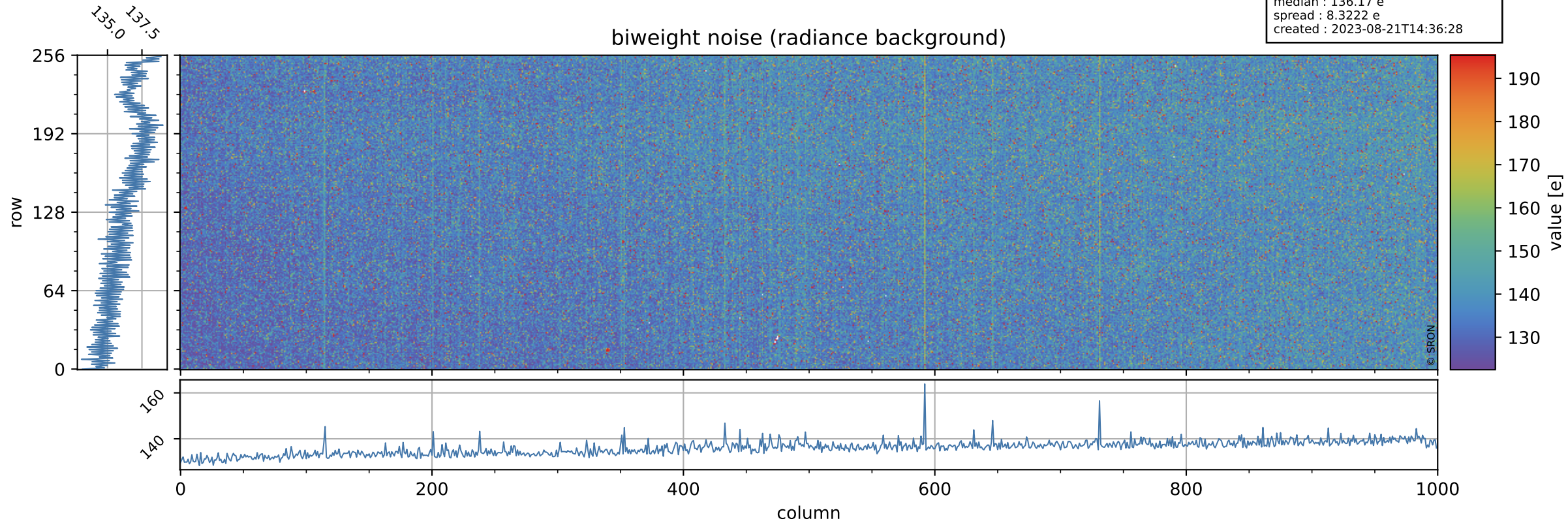
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3222 e
created : 2023-08-21T14:36:28

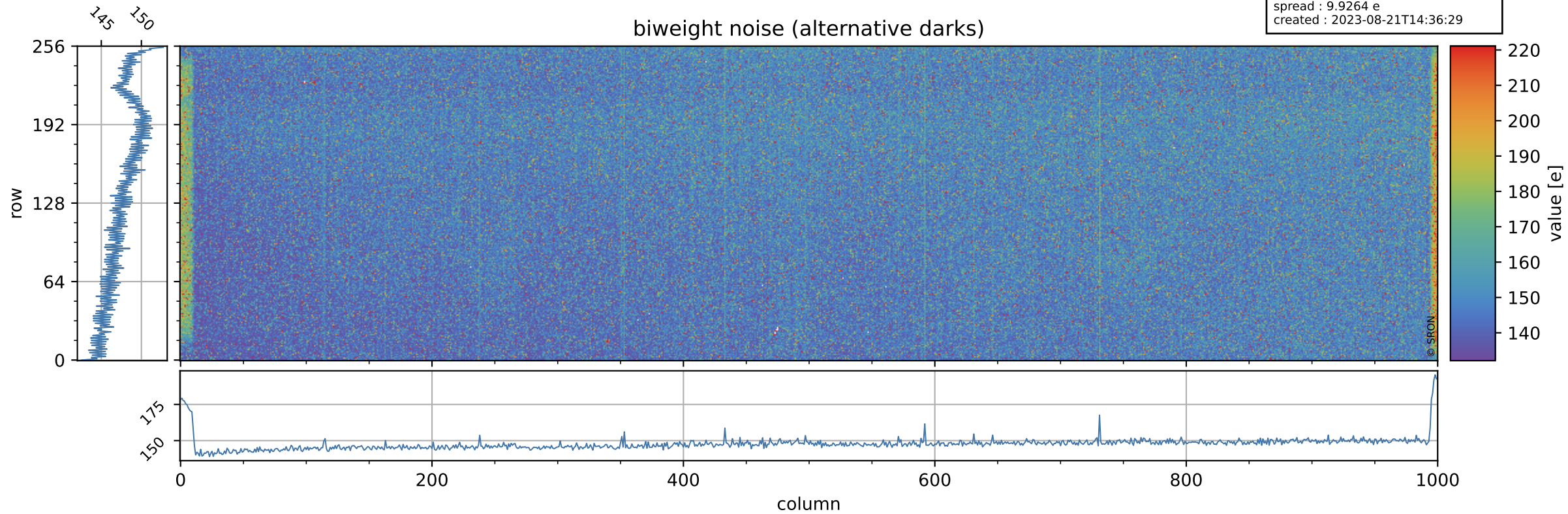
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9264 e
created : 2023-08-21T14:36:29

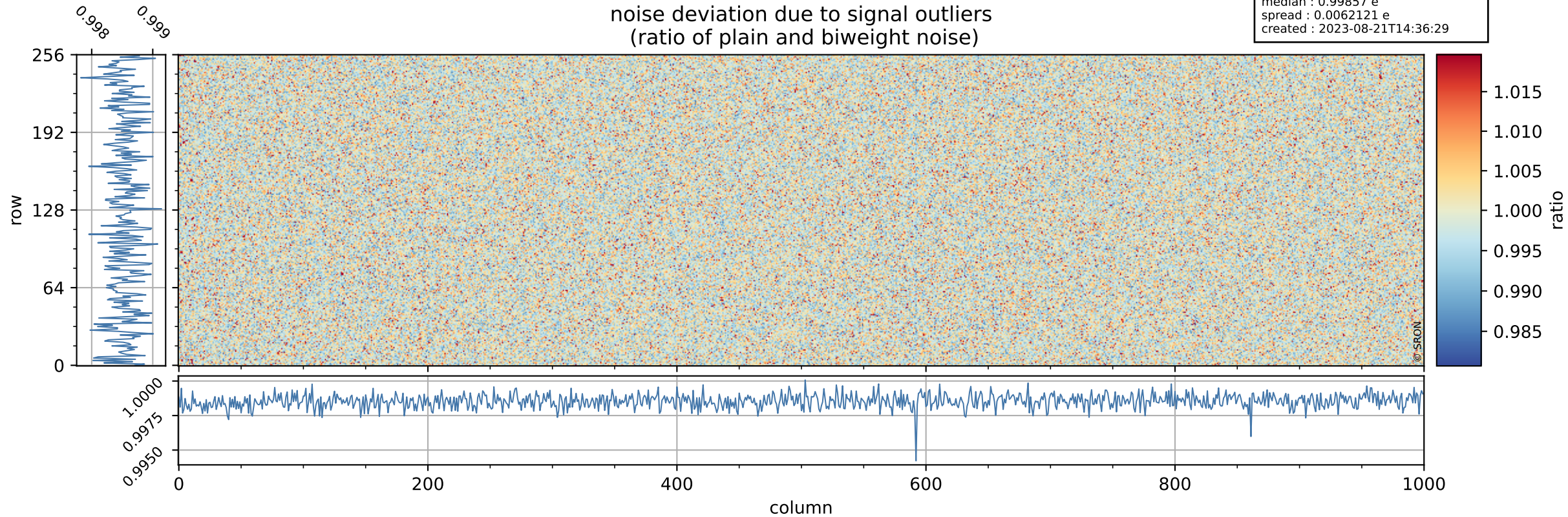
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

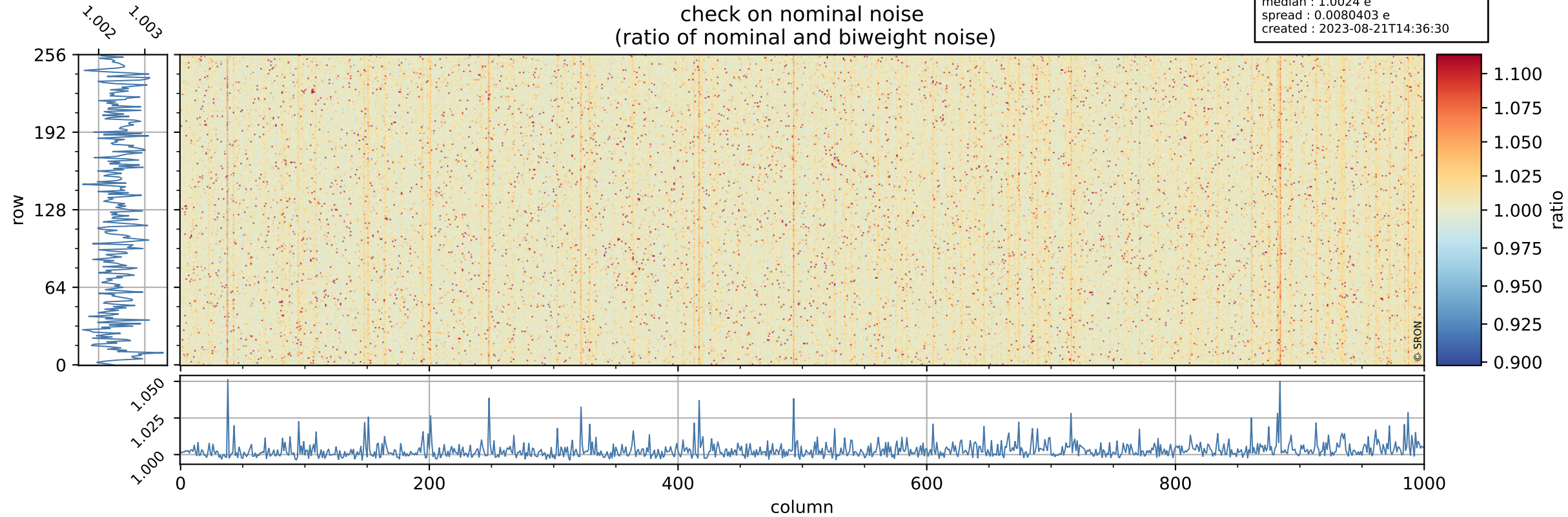
orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
median : 0.99857 e
spread : 0.0062121 e
created : 2023-08-21T14:36:29



Tropomi SWIR background noise (swir)

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

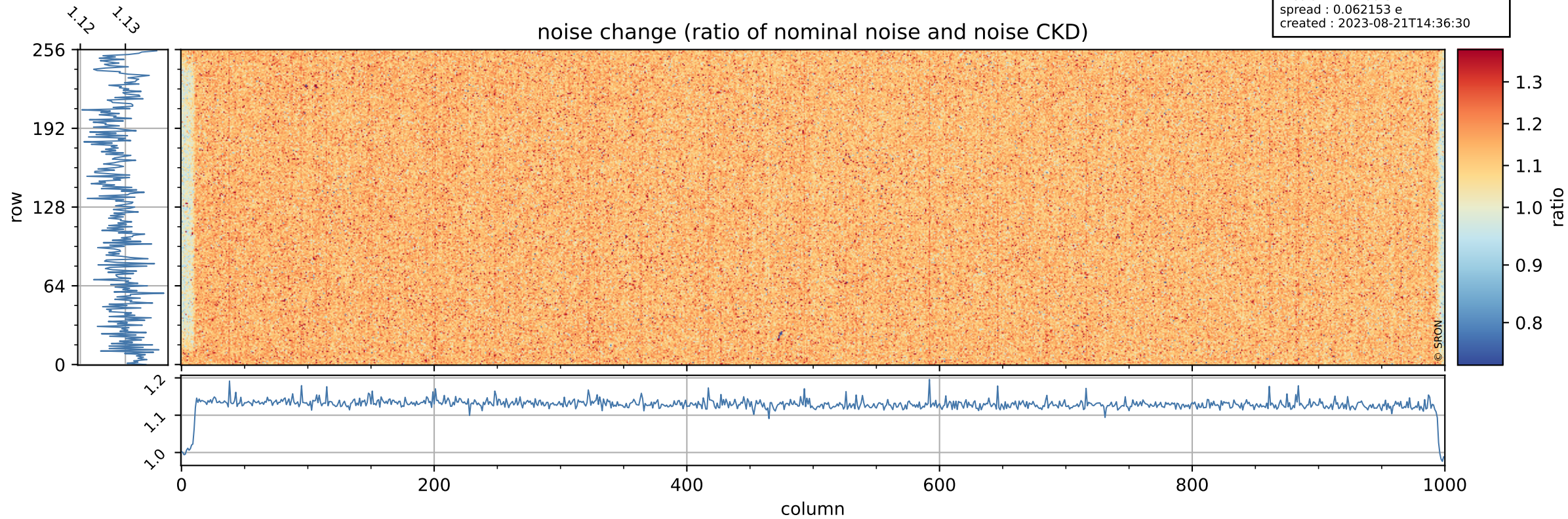
orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
median : 1.0024 e
spread : 0.0080403 e
created : 2023-08-21T14:36:30



Tropomi SWIR background noise (swir)

orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
median : 1.1286 e
spread : 0.062153 e
created : 2023-08-21T14:36:30

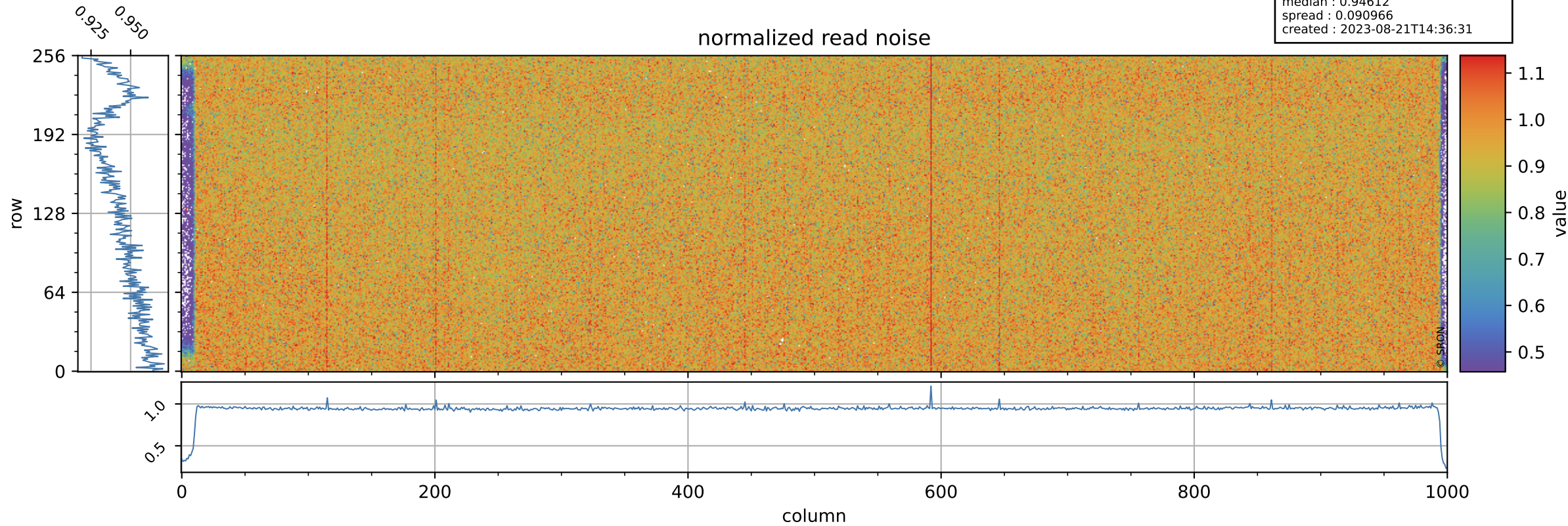
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

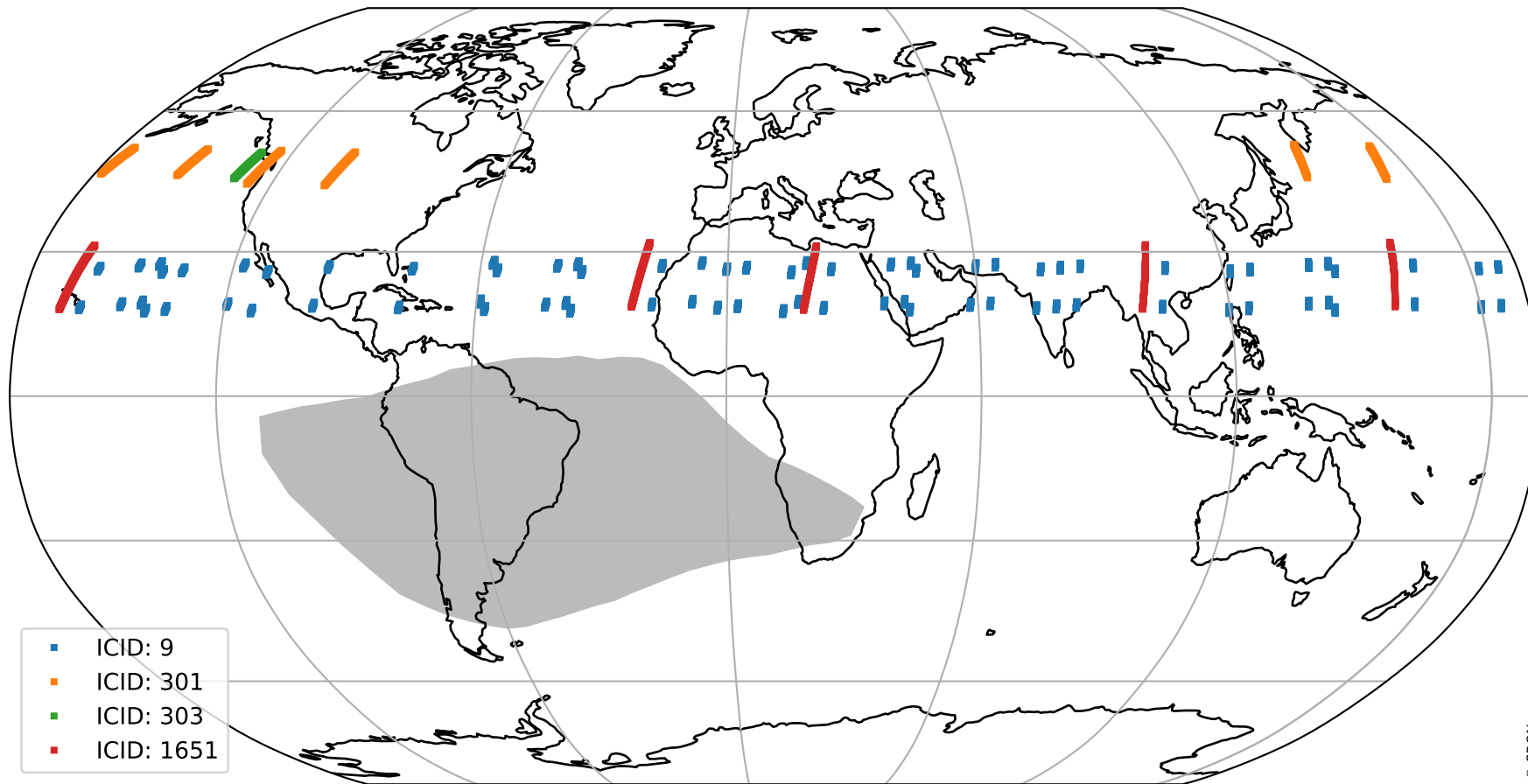
orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
median : 0.94612
spread : 0.090966
created : 2023-08-21T14:36:31

normalized read noise



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

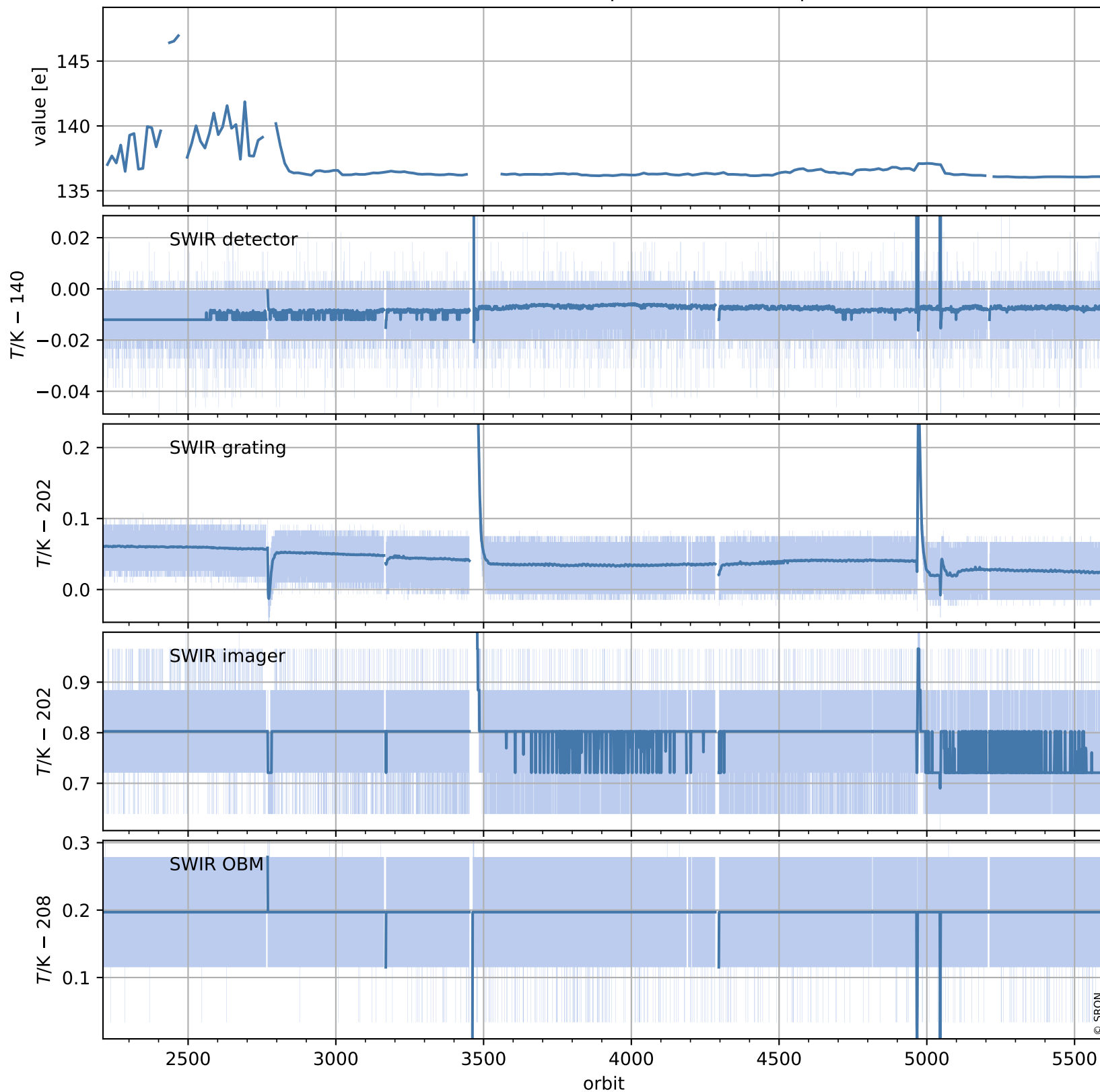
orbits : 12 in [5527, 5602]
coverage : 2018-11-06 / 2018-11-11
created : 2023-08-21T14:36:31



Tropomi SWIR background noise (swir)

orbits : [2212, 5602]
coverage : 2018-03-18 / 2018-11-11
created : 2023-08-21T14:36:32

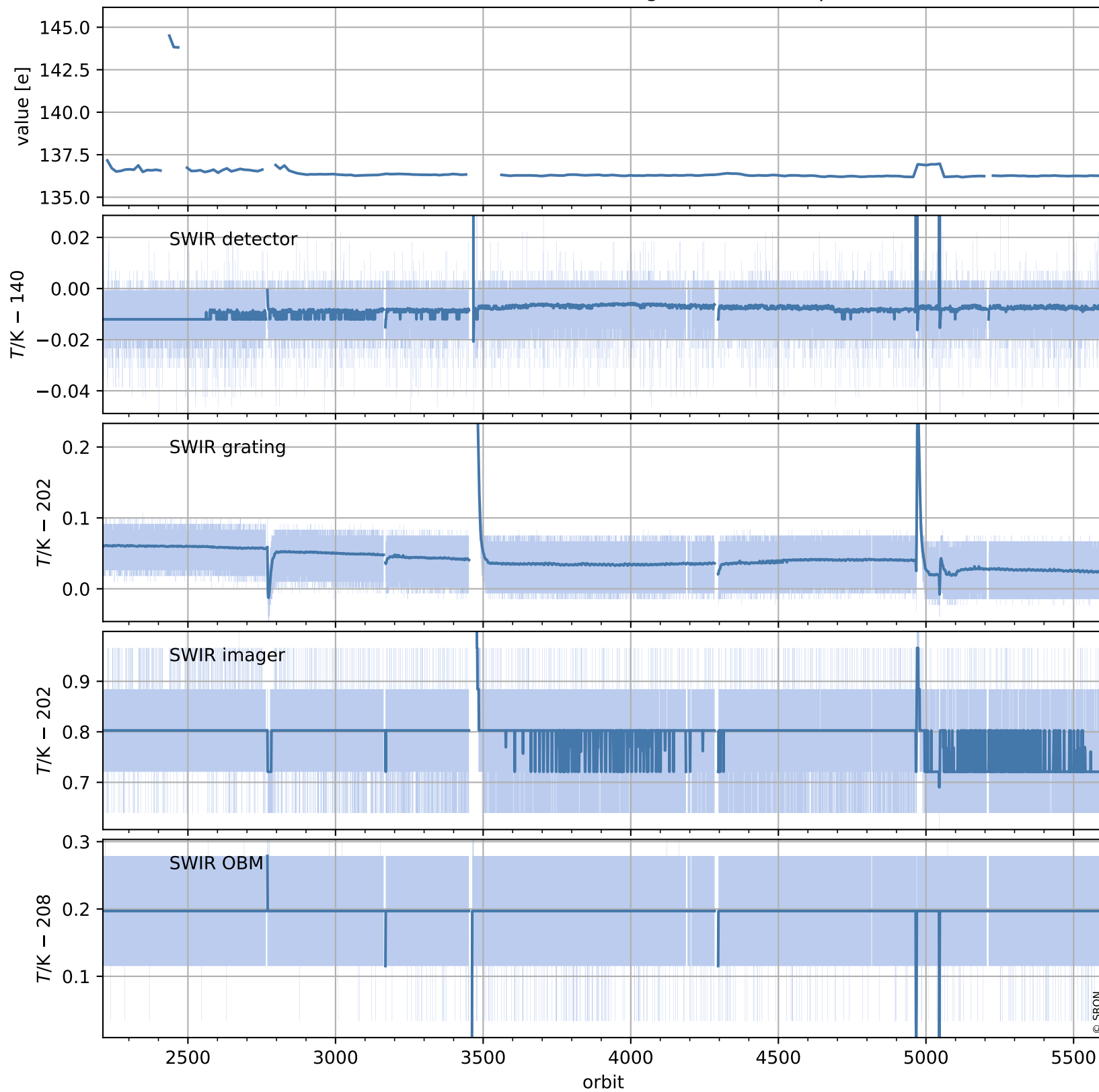
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5602]
coverage : 2018-03-18 / 2018-11-11
created : 2023-08-21T14:36:32

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5602]
coverage : 2018-03-18 / 2018-11-11
created : 2023-08-21T14:36:33

trend of normalized read-noise & temperatures

