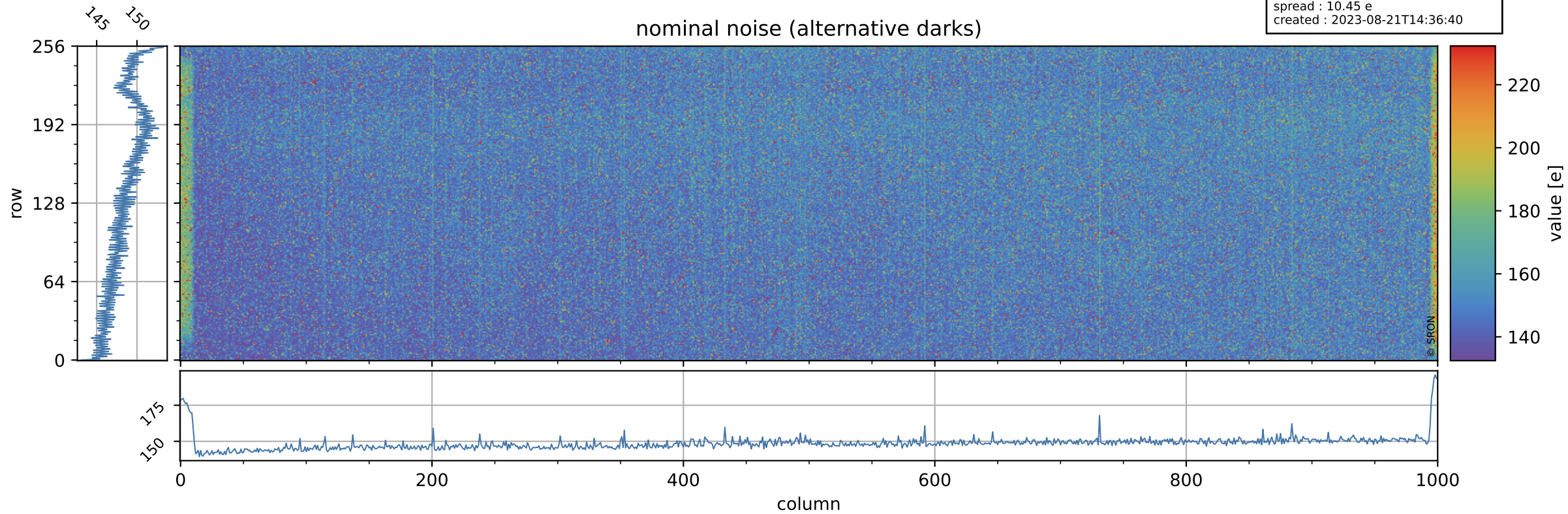


Tropomi SWIR background noise (swir)

orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
n_coad, t_exp : 1, 1.0783
median : 148.38 e
spread : 10.45 e
created : 2023-08-21T14:36:40

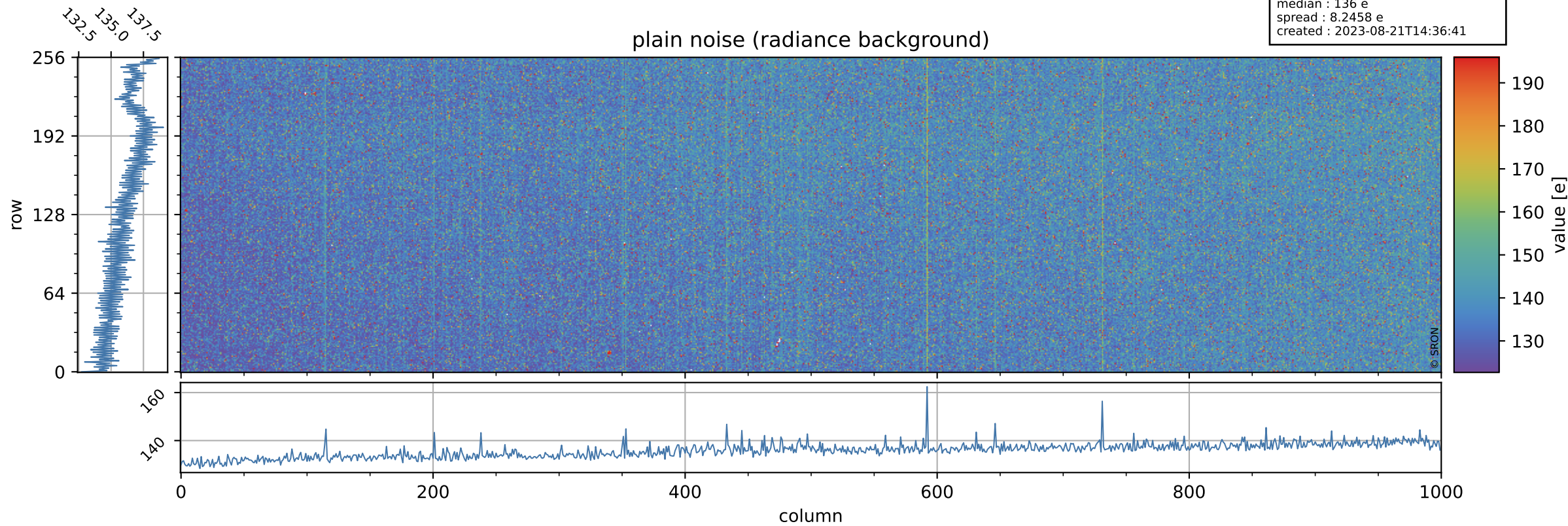
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2458 e
created : 2023-08-21T14:36:41

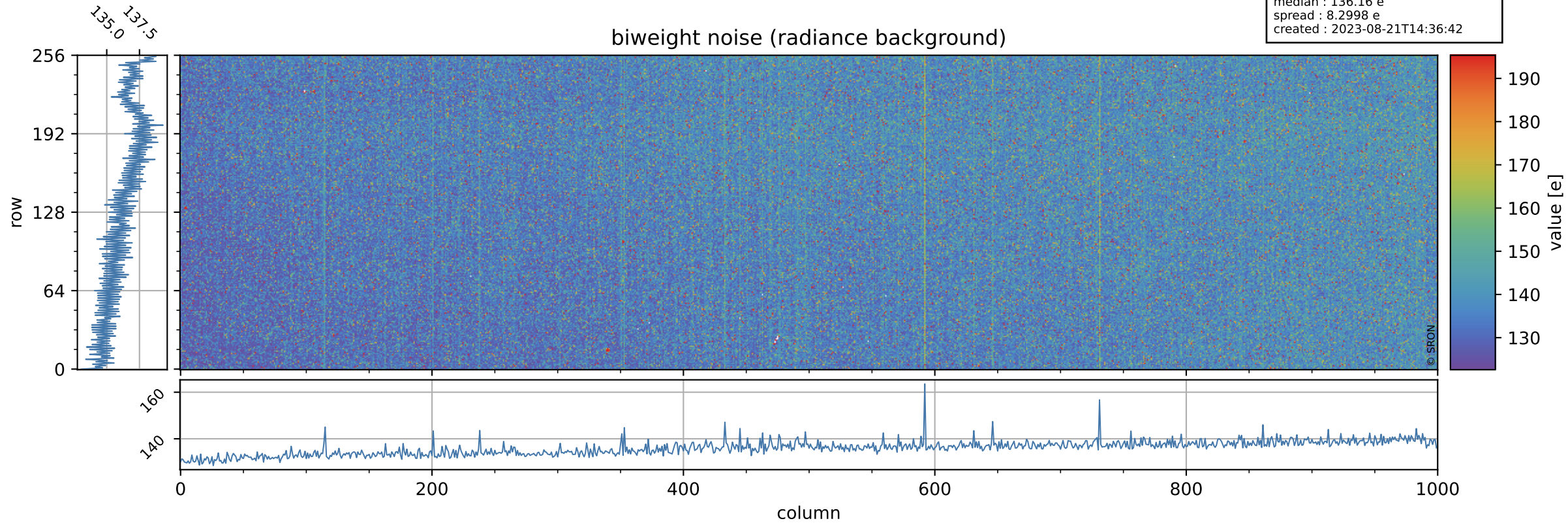
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2998 e
created : 2023-08-21T14:36:42

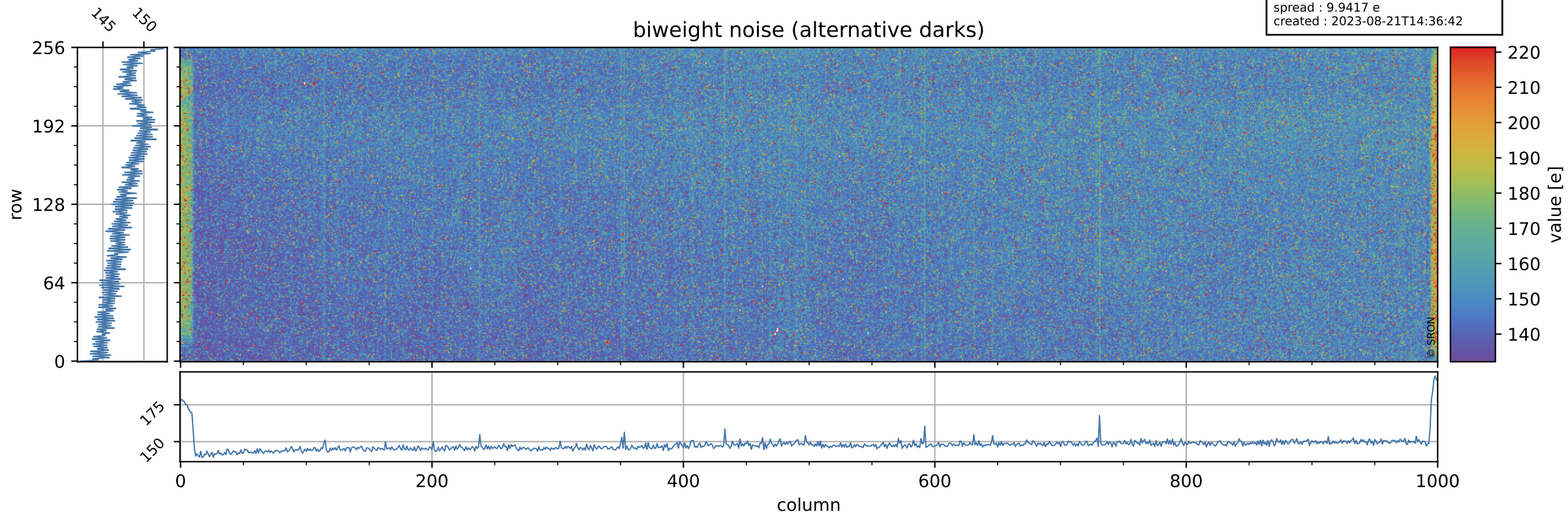
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9417 e
created : 2023-08-21T14:36:42

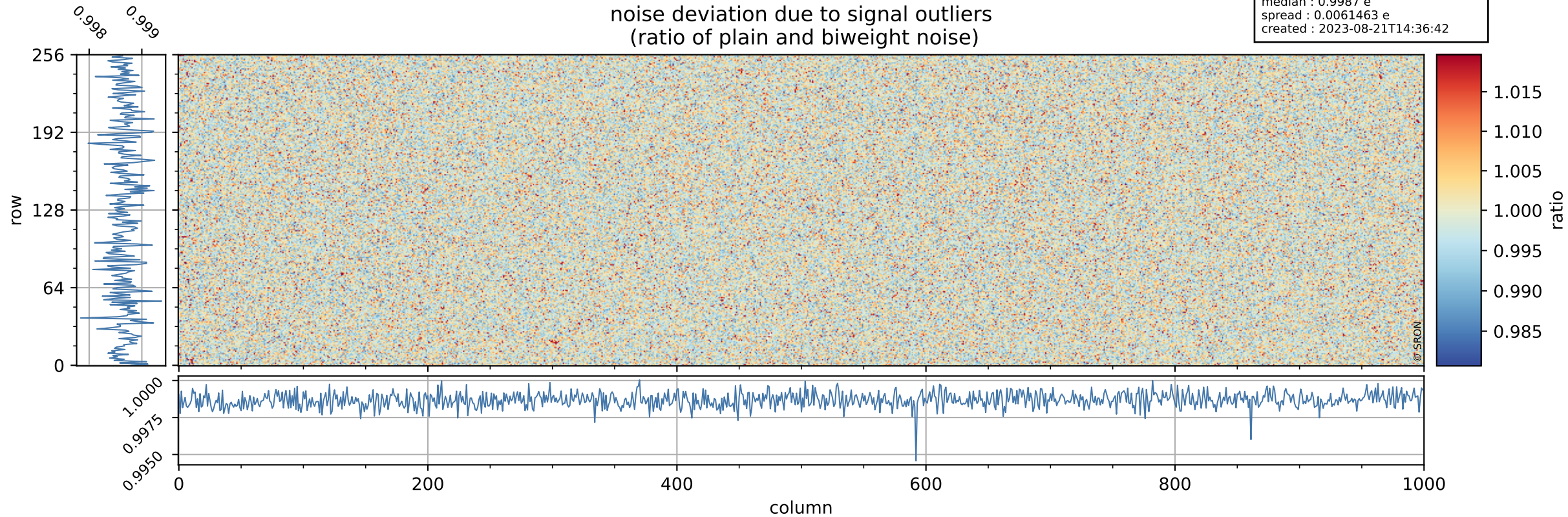
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

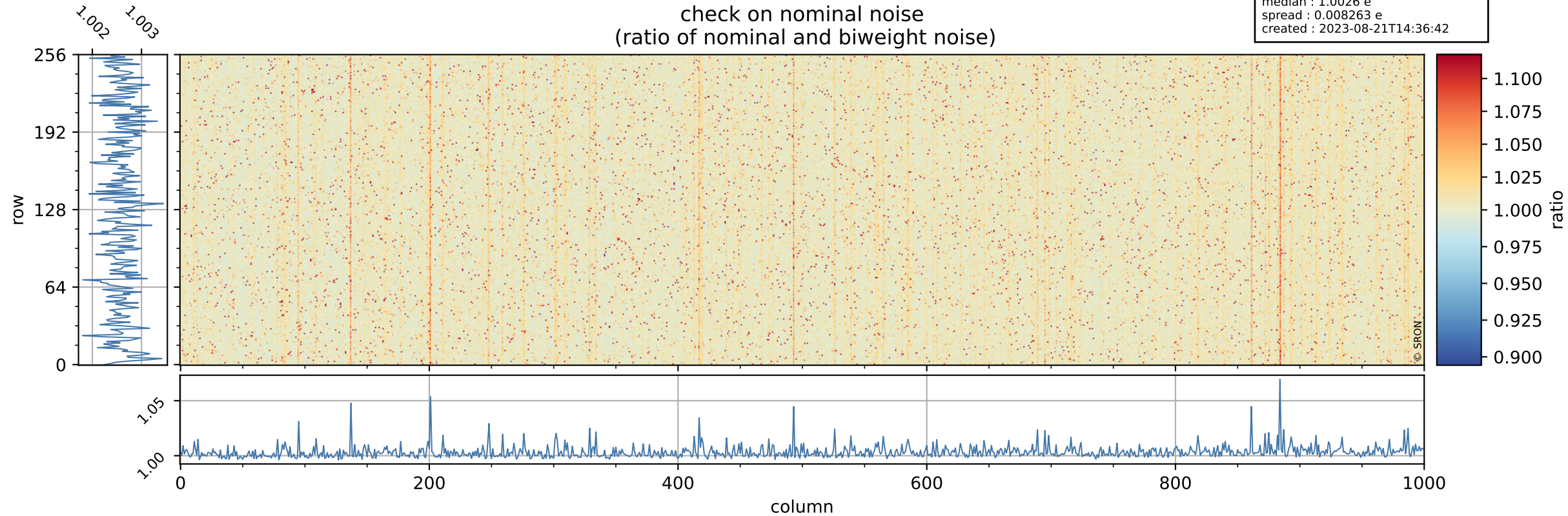
orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
median : 0.9987 e
spread : 0.0061463 e
created : 2023-08-21T14:36:42



Tropomi SWIR background noise (swir)

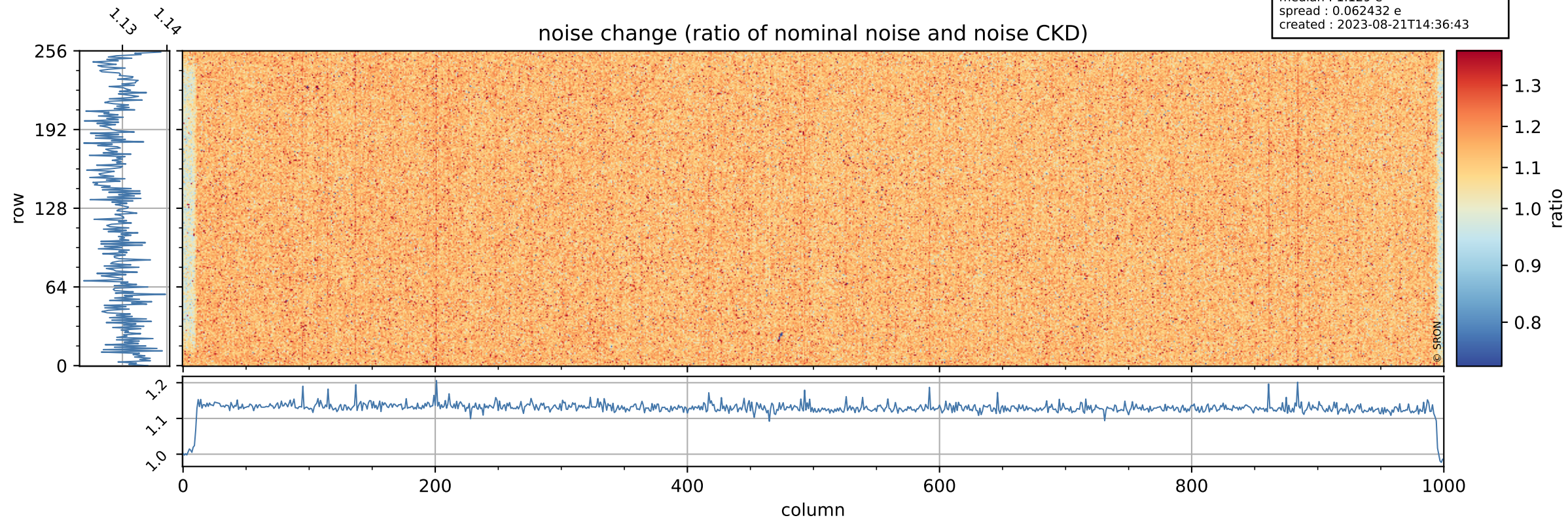
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
median : 1.0026 e
spread : 0.008263 e
created : 2023-08-21T14:36:42



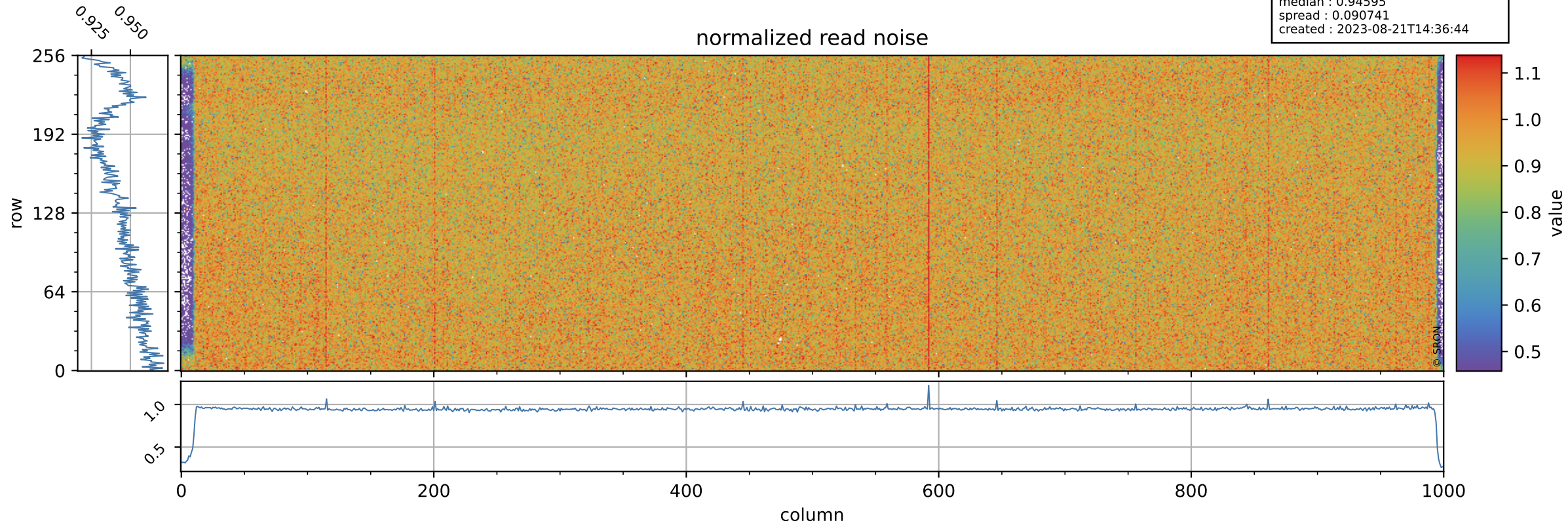
Tropomi SWIR background noise (swir)

orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
median : 1.129 e
spread : 0.062432 e
created : 2023-08-21T14:36:43



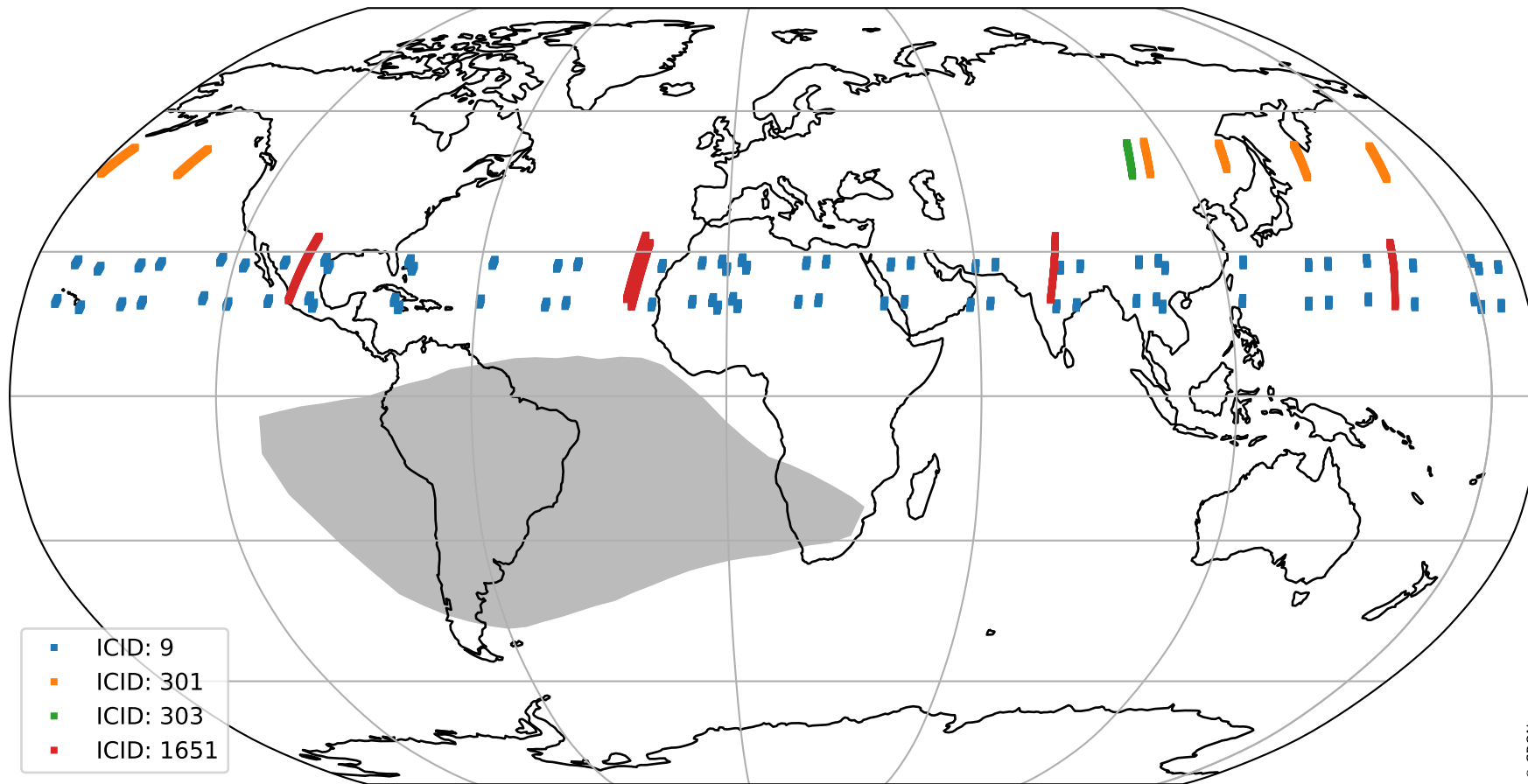
Tropomi SWIR background noise (swir)

orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
median : 0.94595
spread : 0.090741
created : 2023-08-21T14:36:44



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

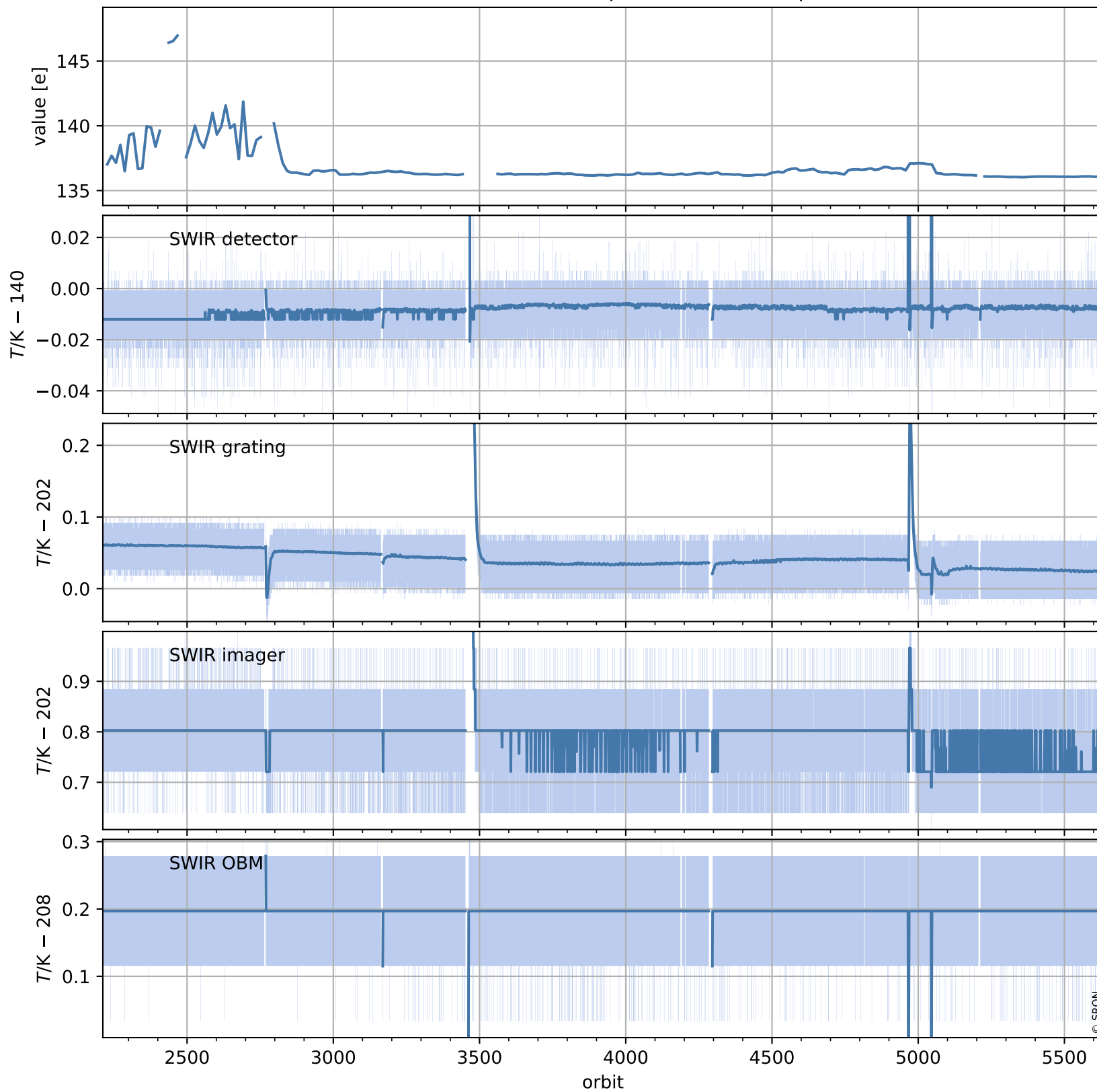
orbits : 12 in [5542, 5632]
coverage : 2018-11-08 / 2018-11-14
created : 2023-08-21T14:36:44



Tropomi SWIR background noise (swir)

orbits : [2212, 5632]
coverage : 2018-03-18 / 2018-11-14
created : 2023-08-21T14:36:45

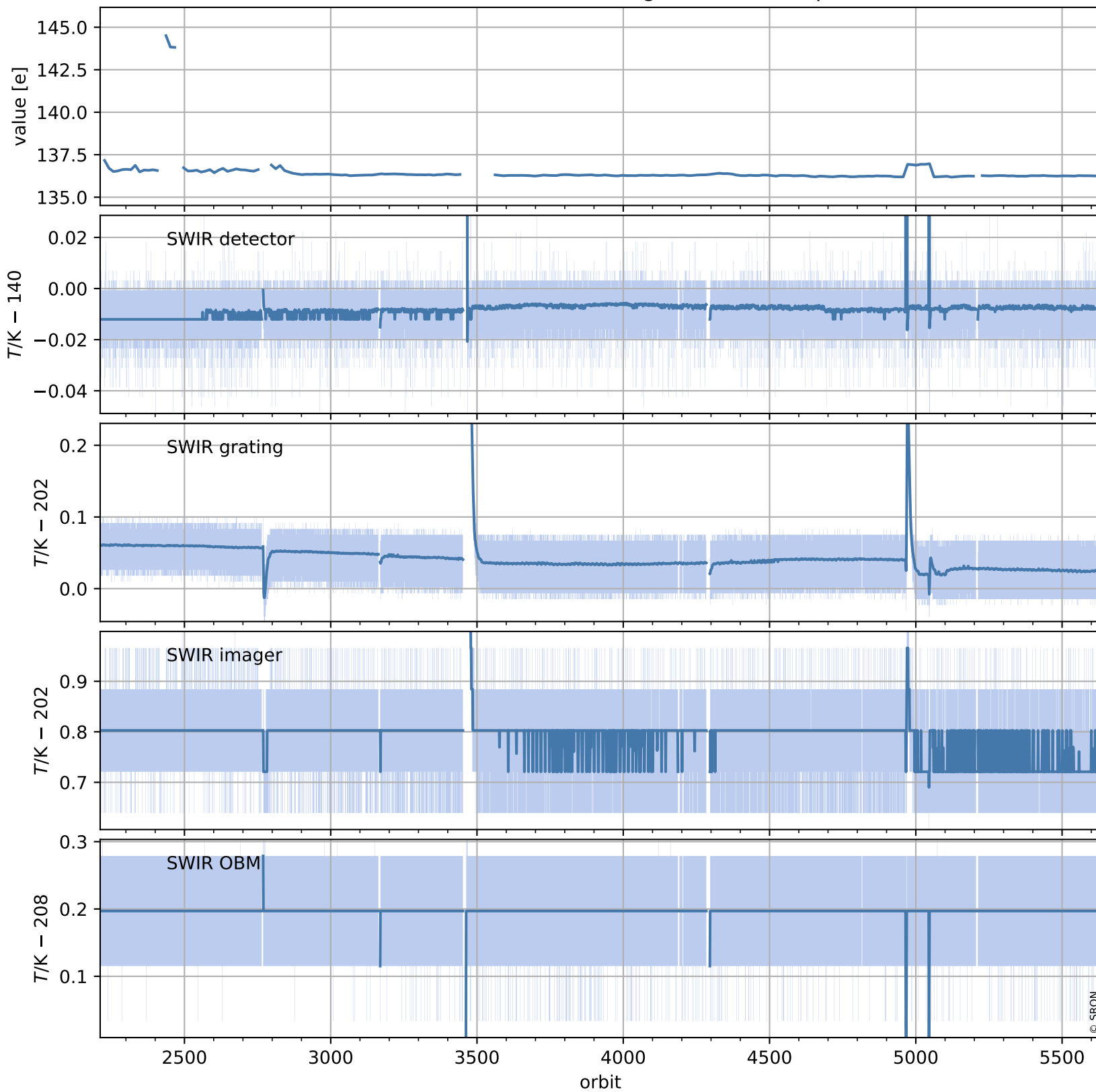
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5632]
coverage : 2018-03-18 / 2018-11-14
created : 2023-08-21T14:36:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5632]
coverage : 2018-03-18 / 2018-11-14
created : 2023-08-21T14:36:46

trend of normalized read-noise & temperatures

