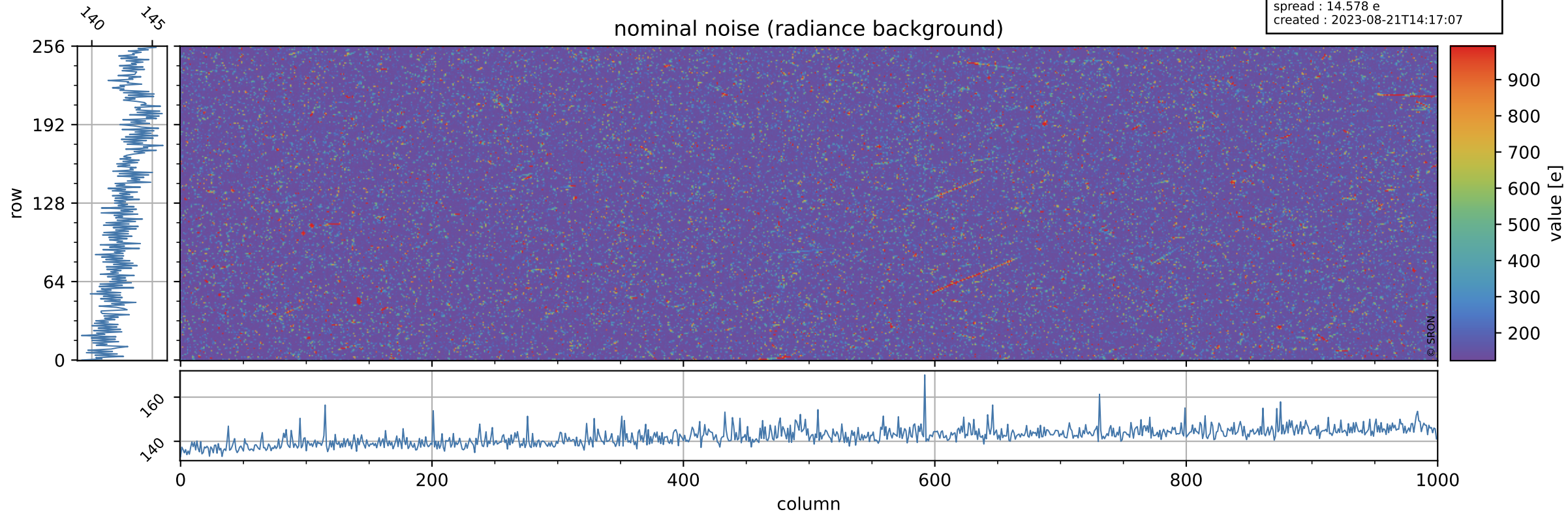


Tropomi SWIR background noise (swir)

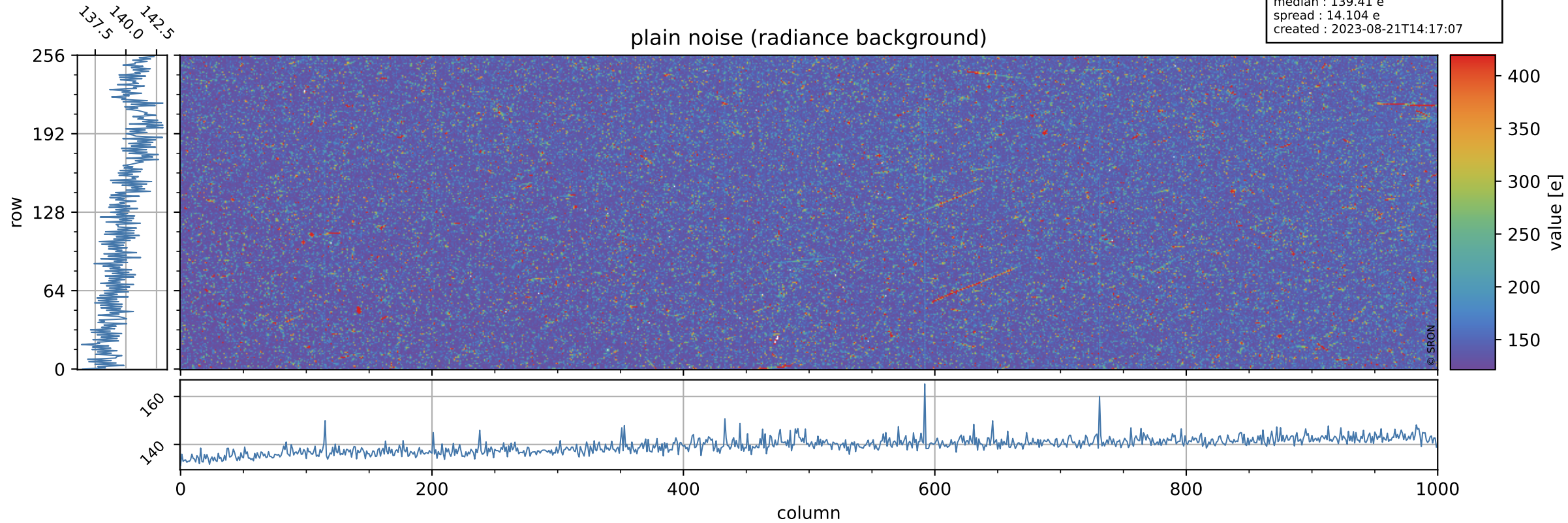
orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
n_coad, t_exp : 2, 0.5383
median : 141.62 e
spread : 14.578 e
created : 2023-08-21T14:17:07



Tropomi SWIR background noise (swir)

orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
n_coad, t_exp : 2, 0.5383
median : 139.41 e
spread : 14.104 e
created : 2023-08-21T14:17:07

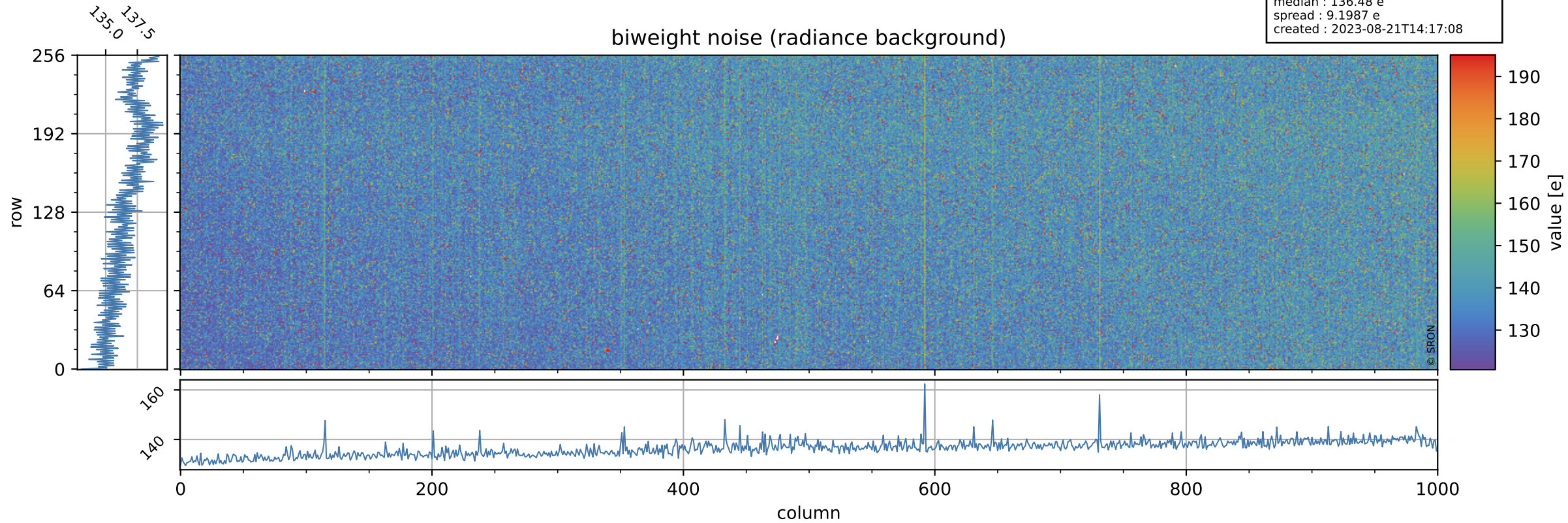
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
n_coad, t_exp : 2, 0.5383
median : 136.48 e
spread : 9.1987 e
created : 2023-08-21T14:17:08

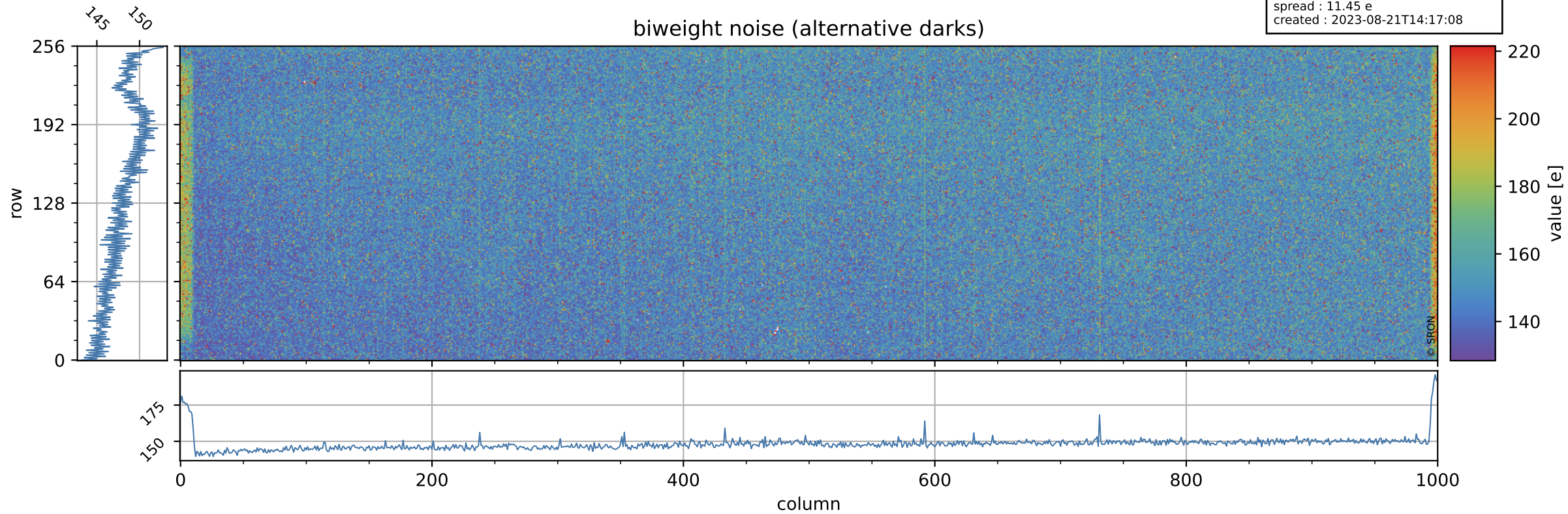
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
n_coad, t_exp : 1, 1.0783
median : 147.85 e
spread : 11.45 e
created : 2023-08-21T14:17:08

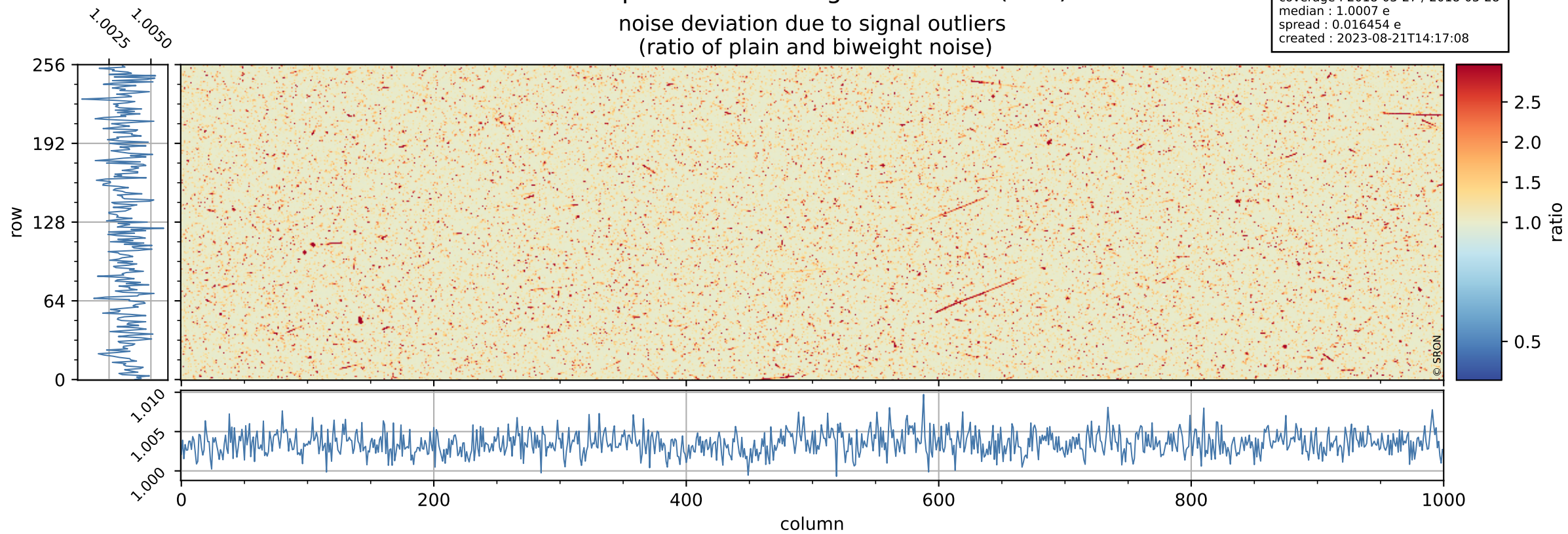
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

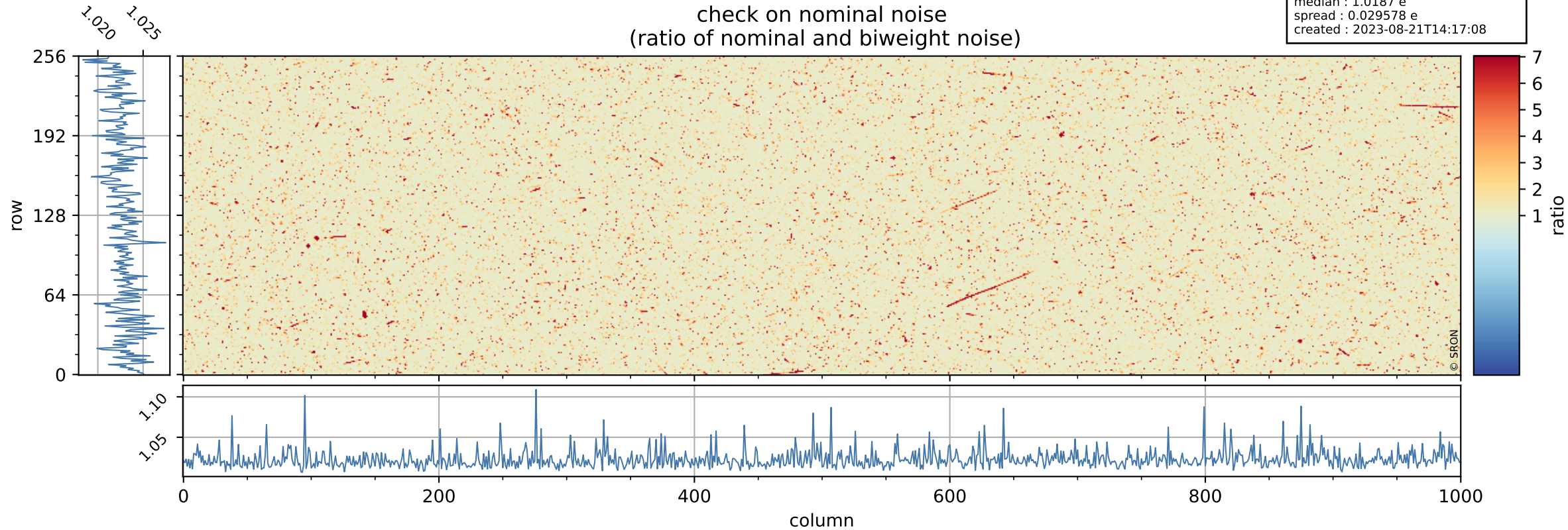
orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
median : 1.0007 e
spread : 0.016454 e
created : 2023-08-21T14:17:08



Tropomi SWIR background noise (swir)

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

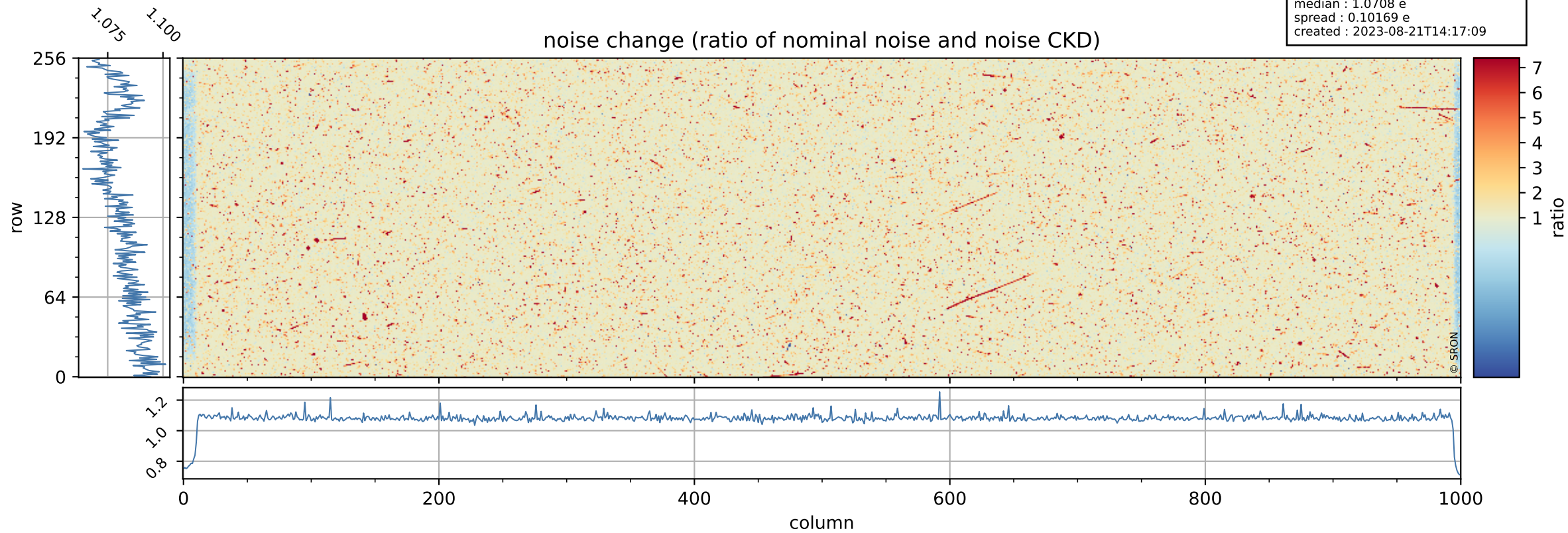
orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
median : 1.0187 e
spread : 0.029578 e
created : 2023-08-21T14:17:08



Tropomi SWIR background noise (swir)

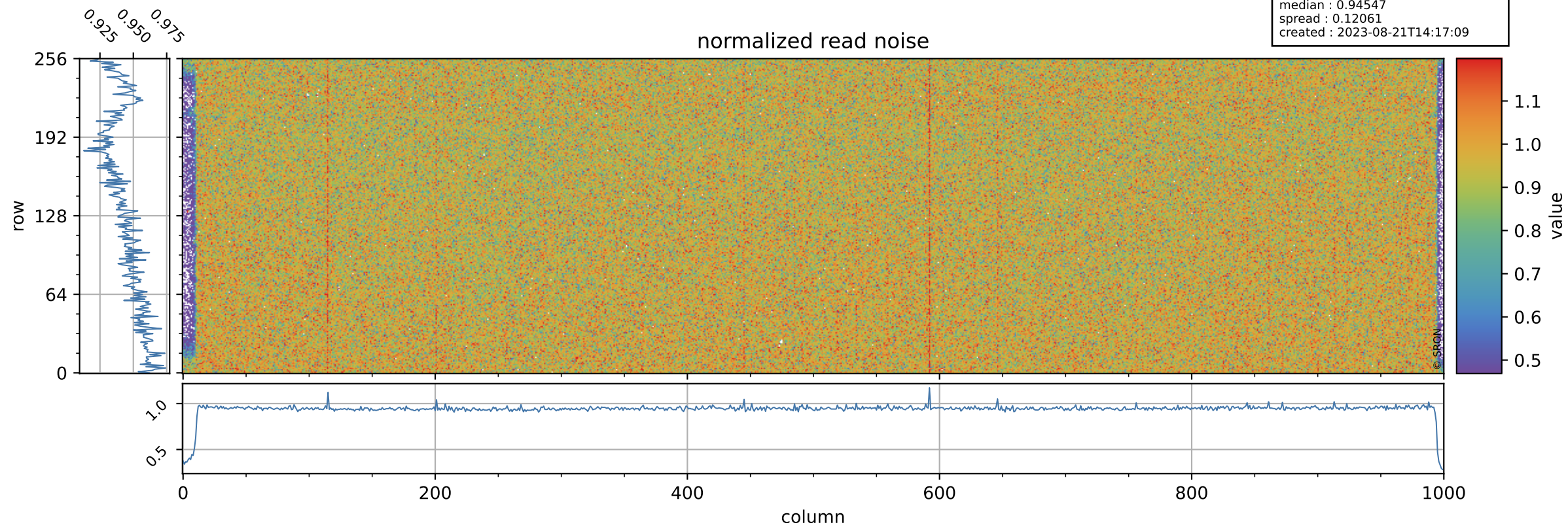
orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
median : 1.0708 e
spread : 0.10169 e
created : 2023-08-21T14:17:09

noise change (ratio of nominal noise and noise CKD)



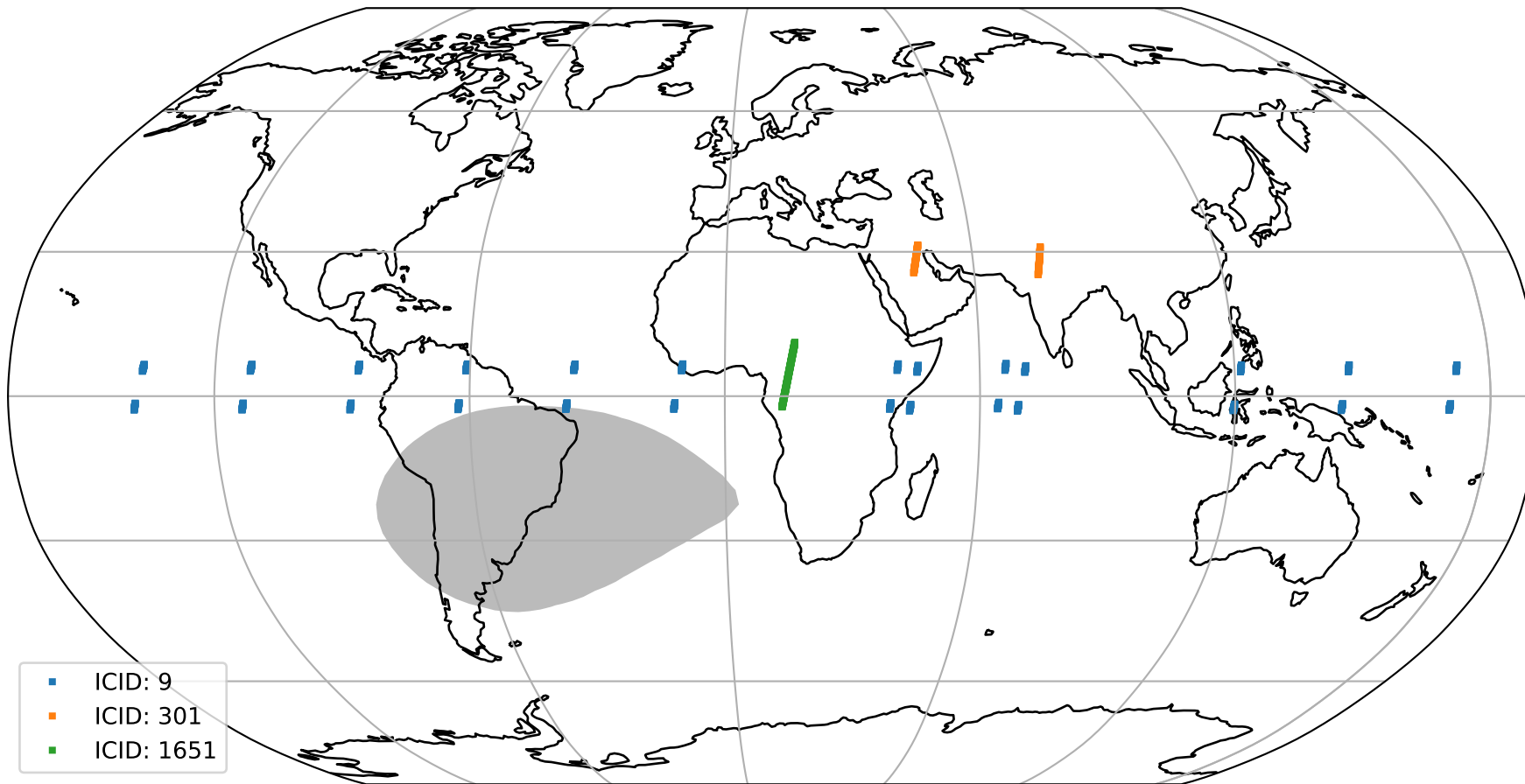
Tropomi SWIR background noise (swir)

orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
median : 0.94547
spread : 0.12061
created : 2023-08-21T14:17:09



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

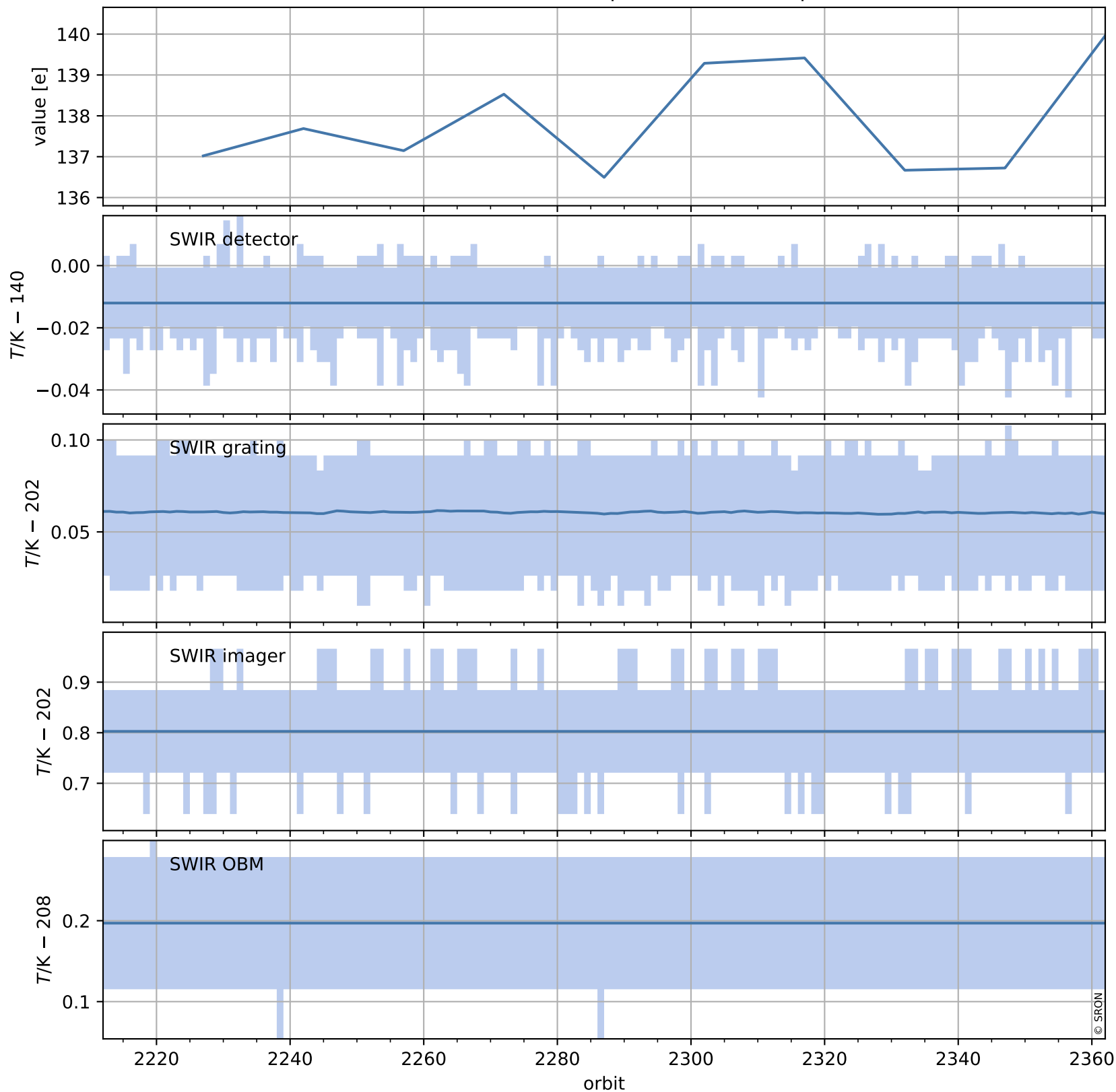
orbits : 13 in [2347, 2362]
coverage : 2018-03-27 / 2018-03-28
created : 2023-08-21T14:17:09



Tropomi SWIR background noise (swir)

orbits : [2212, 2362]
coverage : 2018-03-18 / 2018-03-28
created : 2023-08-21T14:17:09

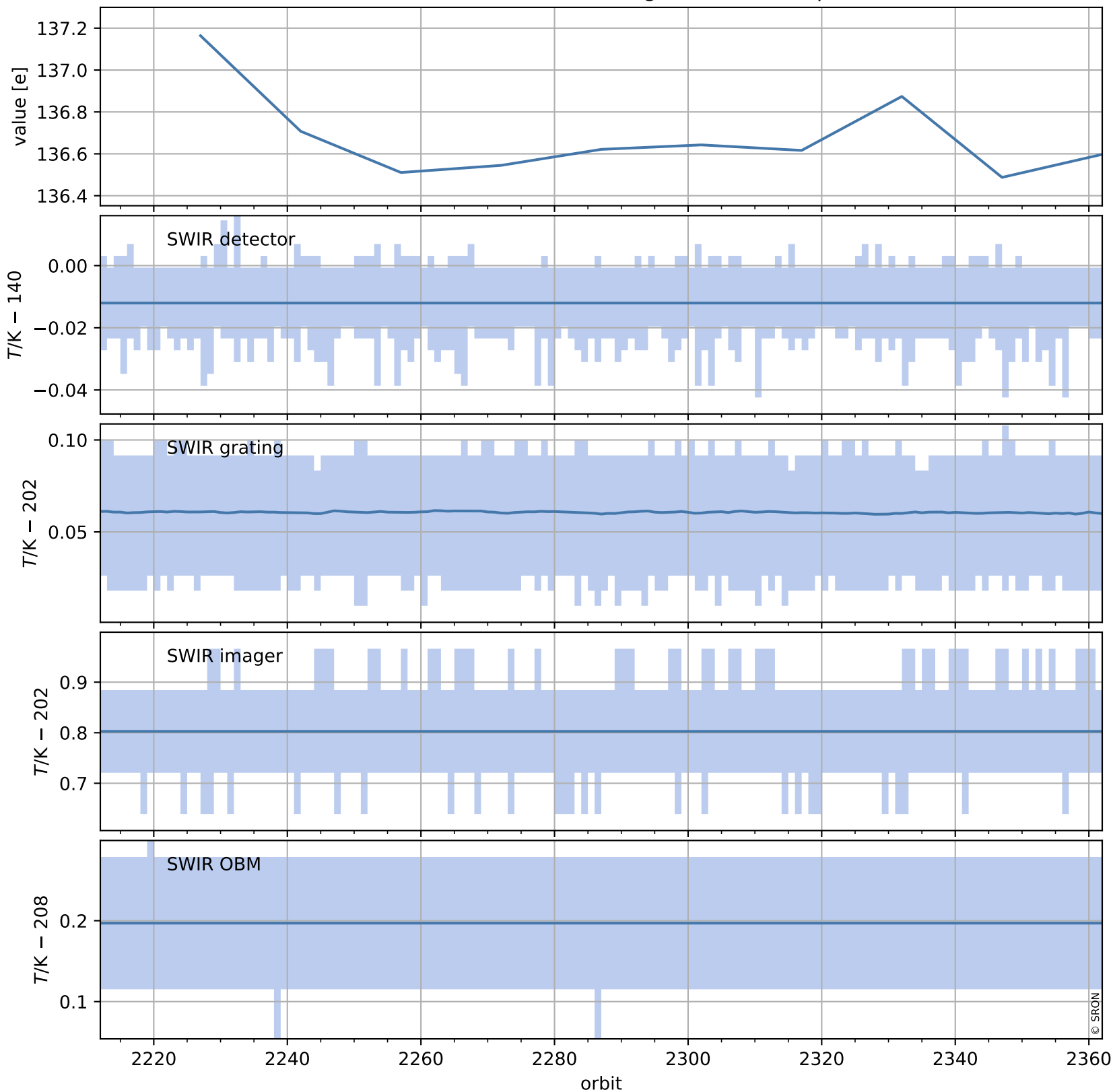
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2362]
coverage : 2018-03-18 / 2018-03-28
created : 2023-08-21T14:17:10

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2362]
coverage : 2018-03-18 / 2018-03-28
created : 2023-08-21T14:17:10

trend of normalized read-noise & temperatures

