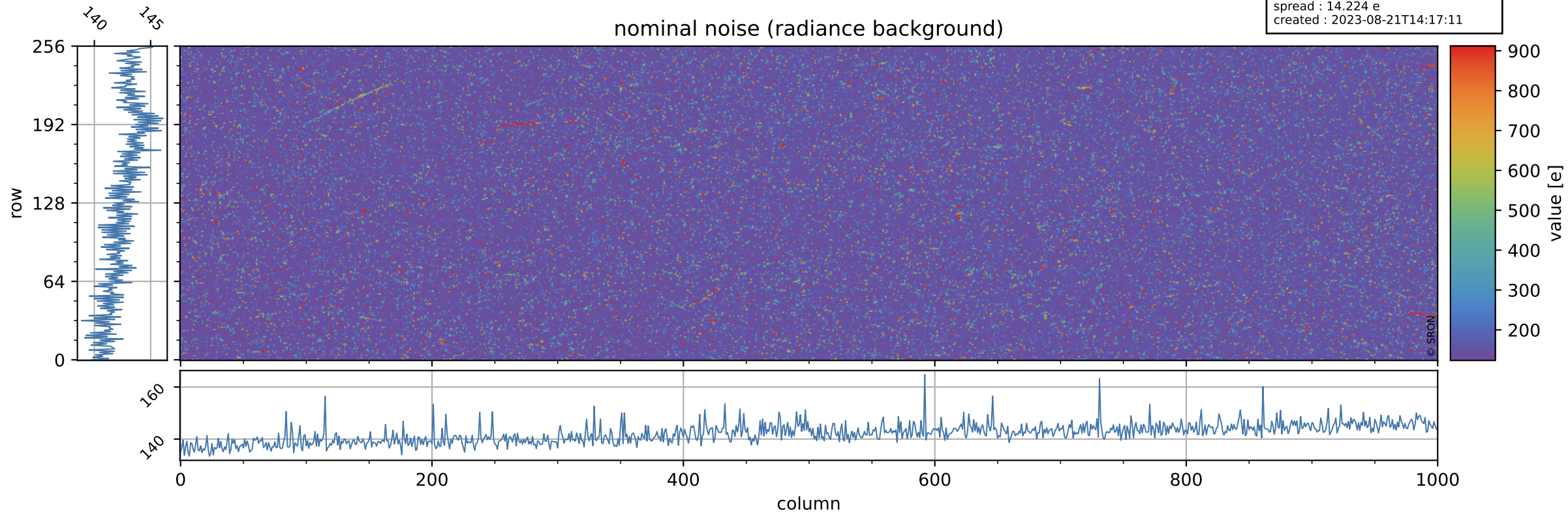


Tropomi SWIR background noise (swir)

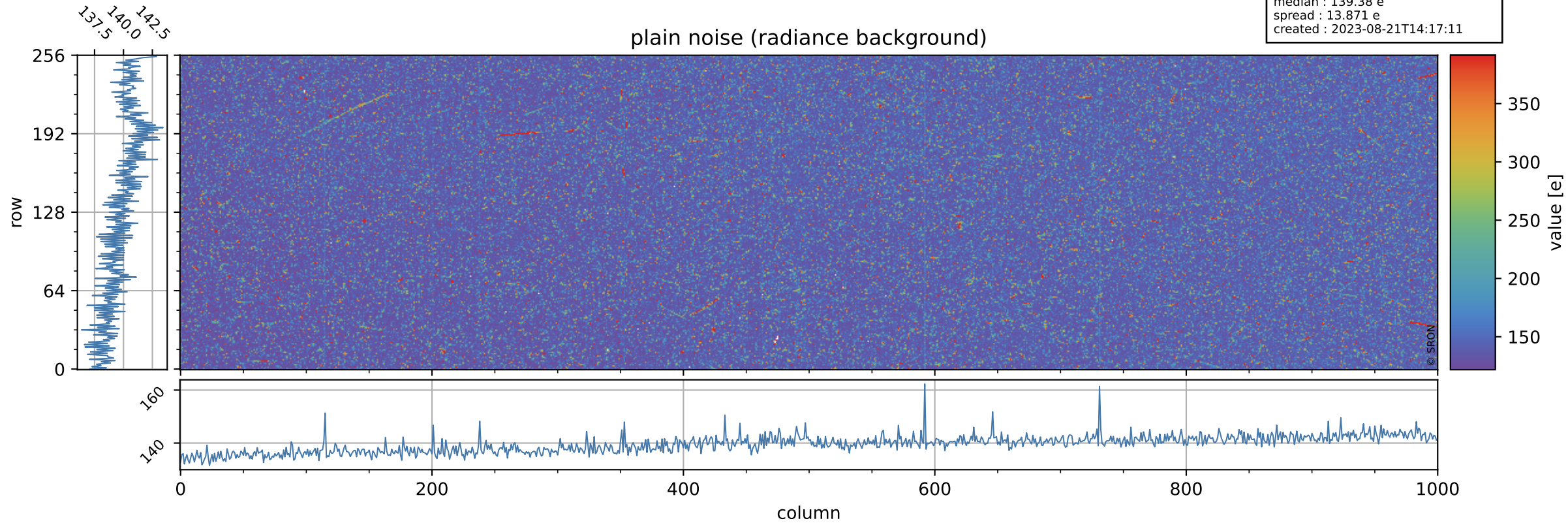
orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
n_coad, t_exp : 2, 0.5383
median : 141.52 e
spread : 14.224 e
created : 2023-08-21T14:17:11



Tropomi SWIR background noise (swir)

orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
n_coad, t_exp : 2, 0.5383
median : 139.38 e
spread : 13.871 e
created : 2023-08-21T14:17:11

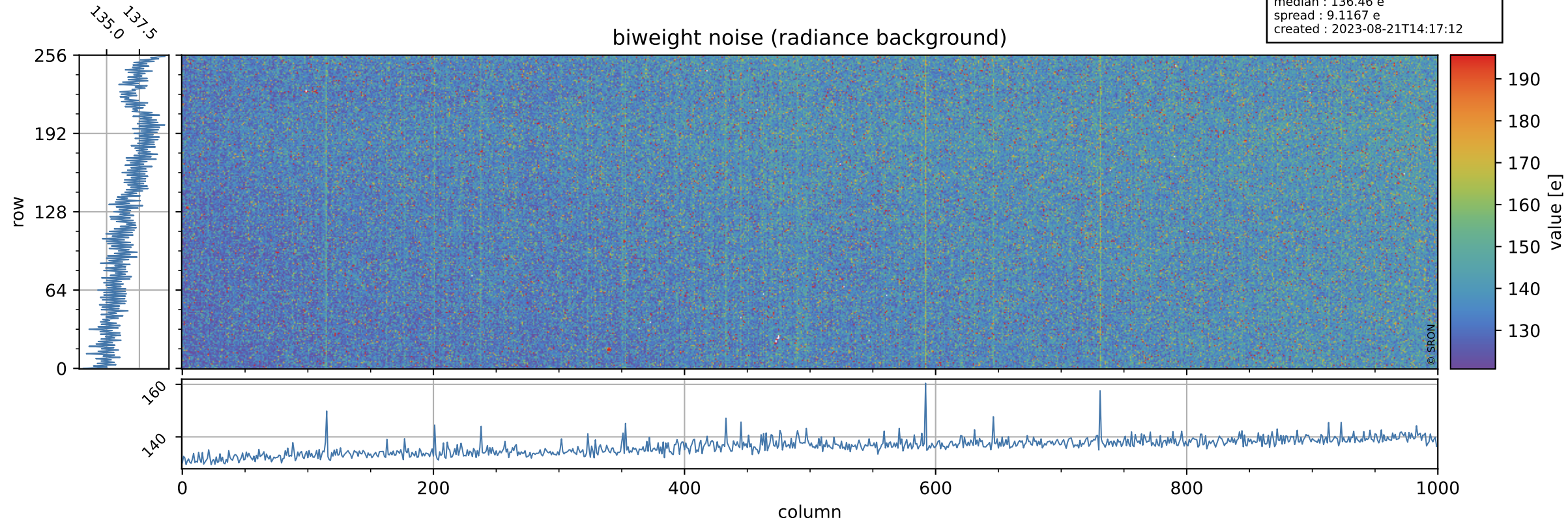
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
n_coad, t_exp : 2, 0.5383
median : 136.46 e
spread : 9.1167 e
created : 2023-08-21T14:17:12

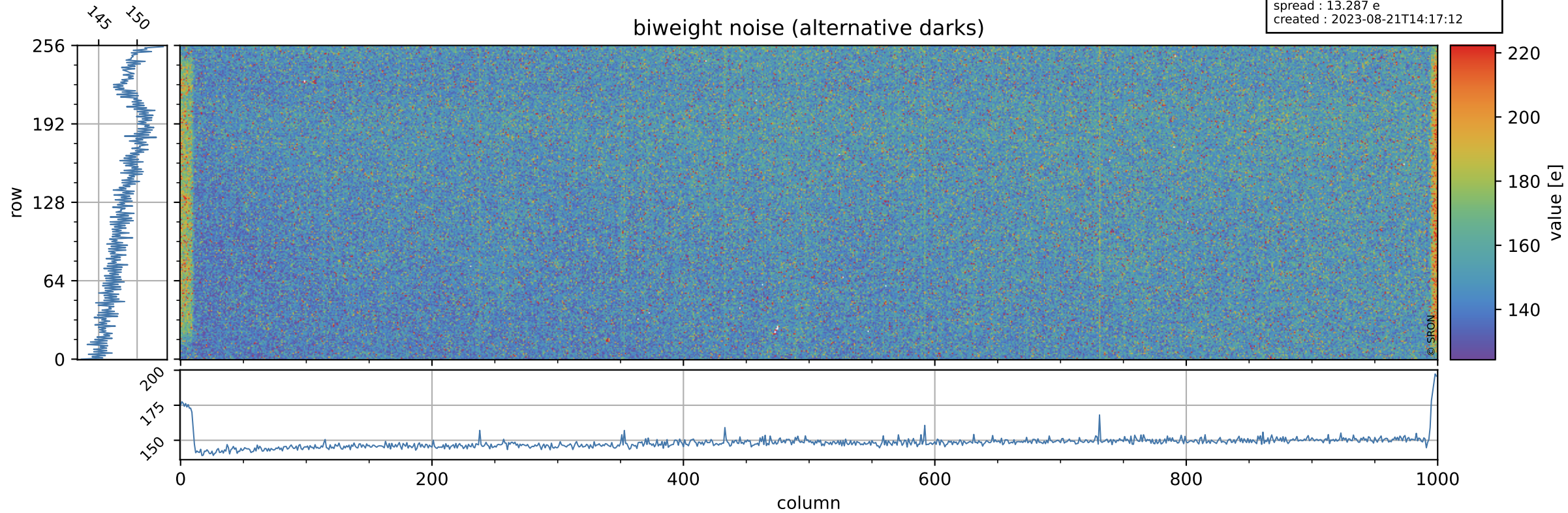
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
n_coad, t_exp : 1, 1.0783
median : 148.06 e
spread : 13.287 e
created : 2023-08-21T14:17:12

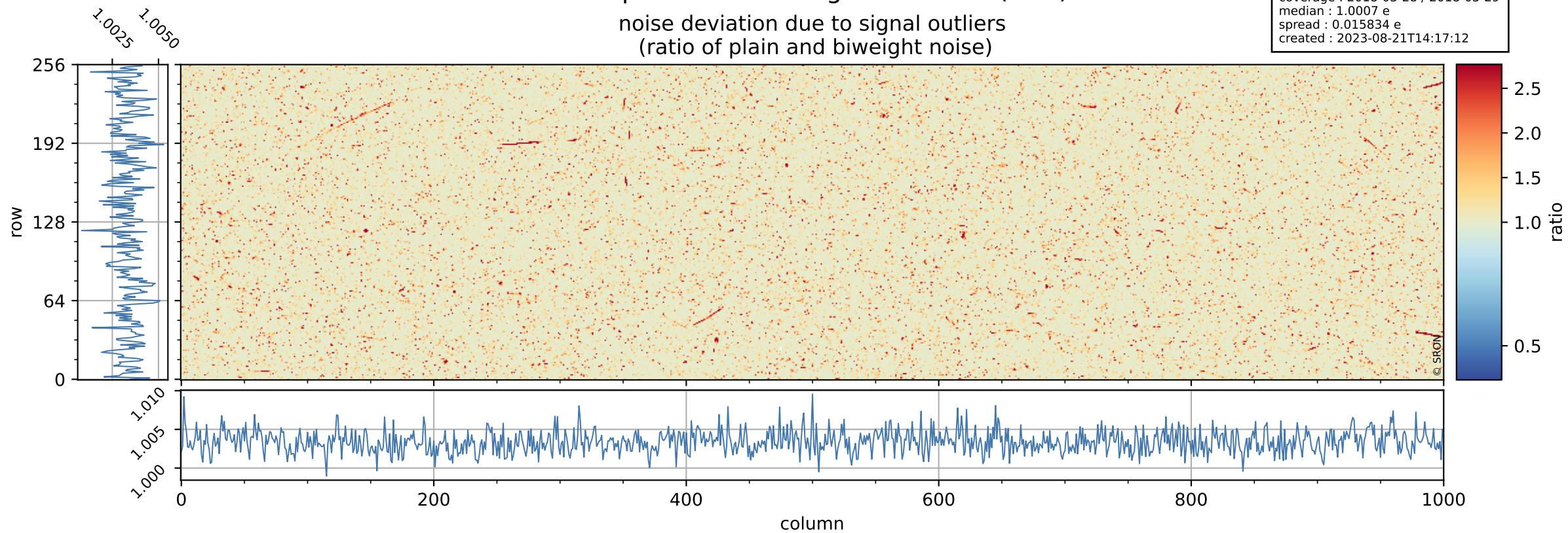
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

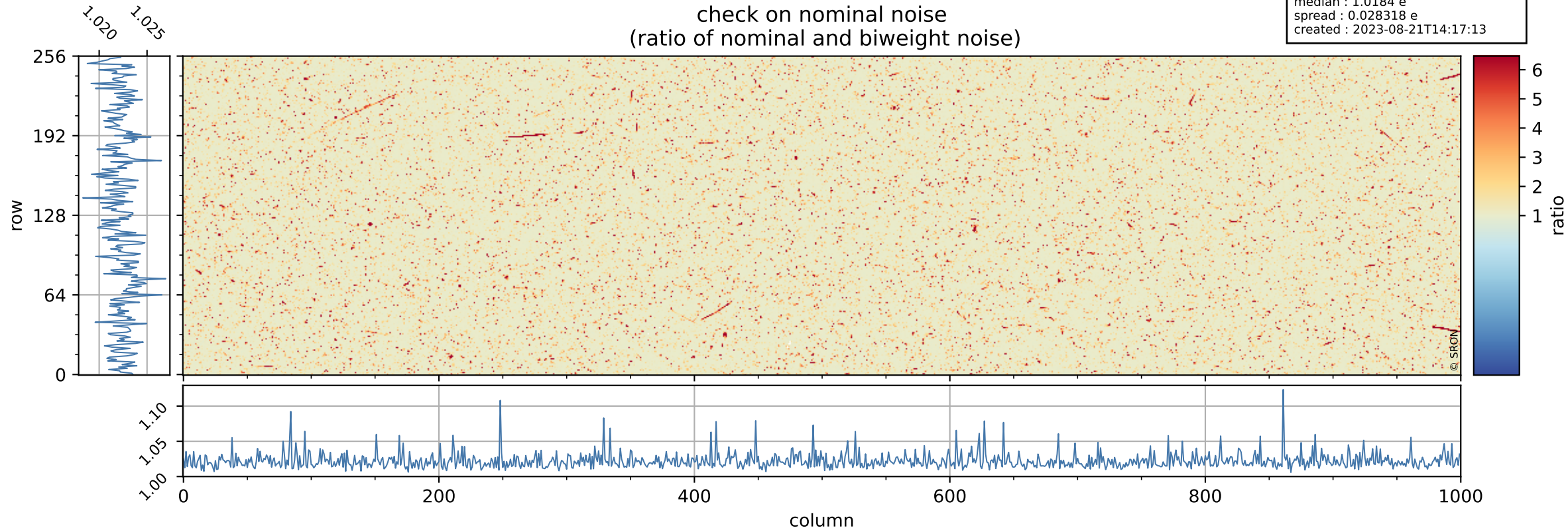
orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
median : 1.0007 e
spread : 0.015834 e
created : 2023-08-21T14:17:12



Tropomi SWIR background noise (swir)

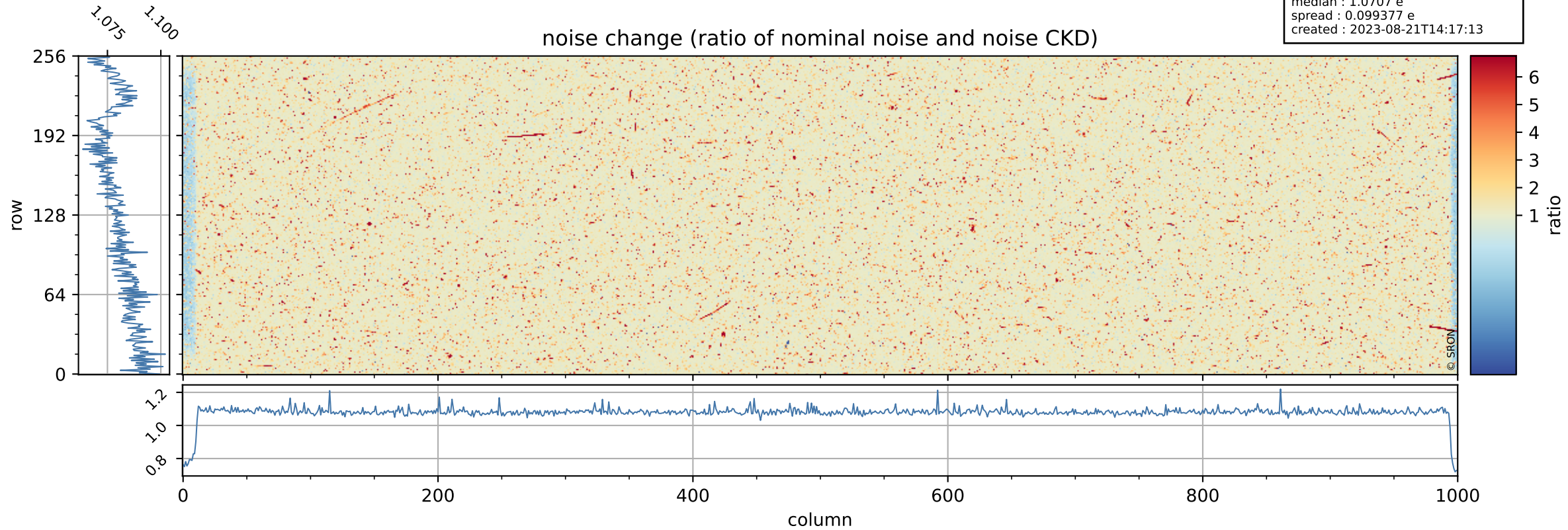
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
median : 1.0184 e
spread : 0.028318 e
created : 2023-08-21T14:17:13



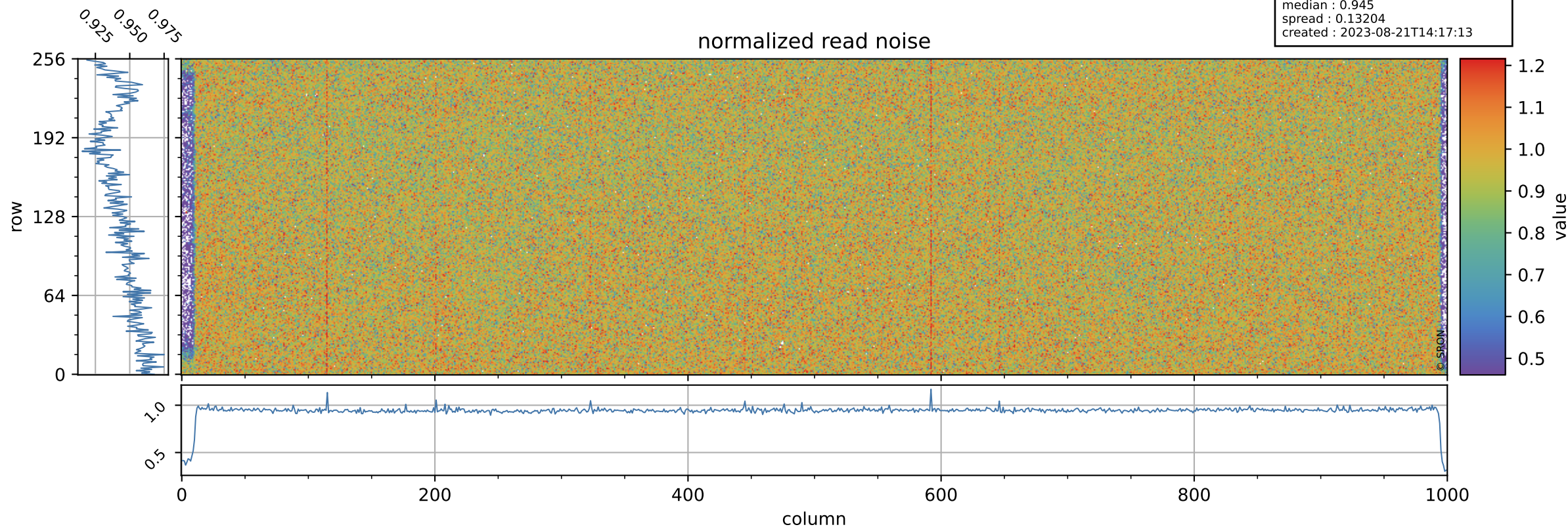
Tropomi SWIR background noise (swir)

orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
median : 1.0707 e
spread : 0.099377 e
created : 2023-08-21T14:17:13



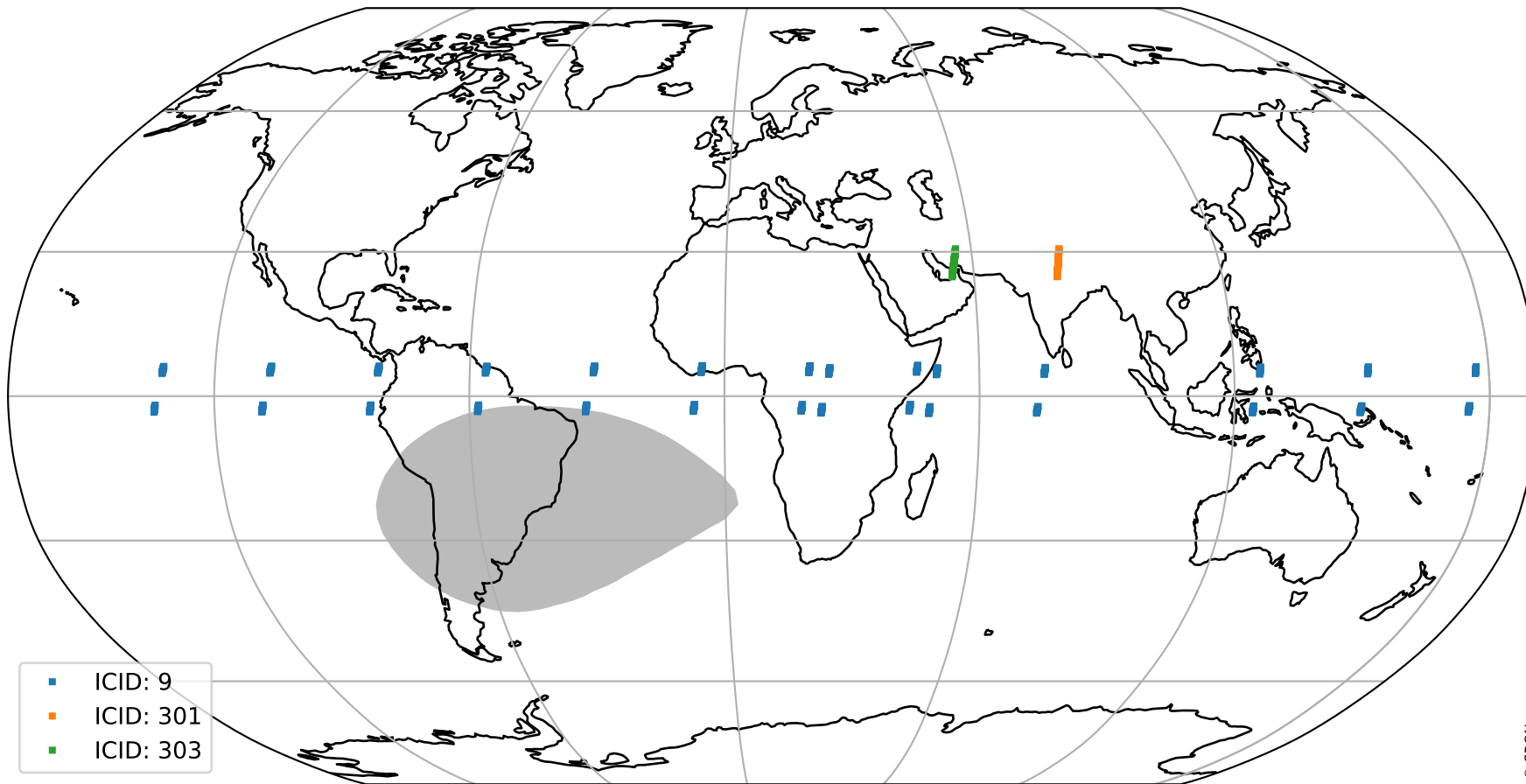
Tropomi SWIR background noise (swir)

orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
median : 0.945
spread : 0.13204
created : 2023-08-21T14:17:13



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

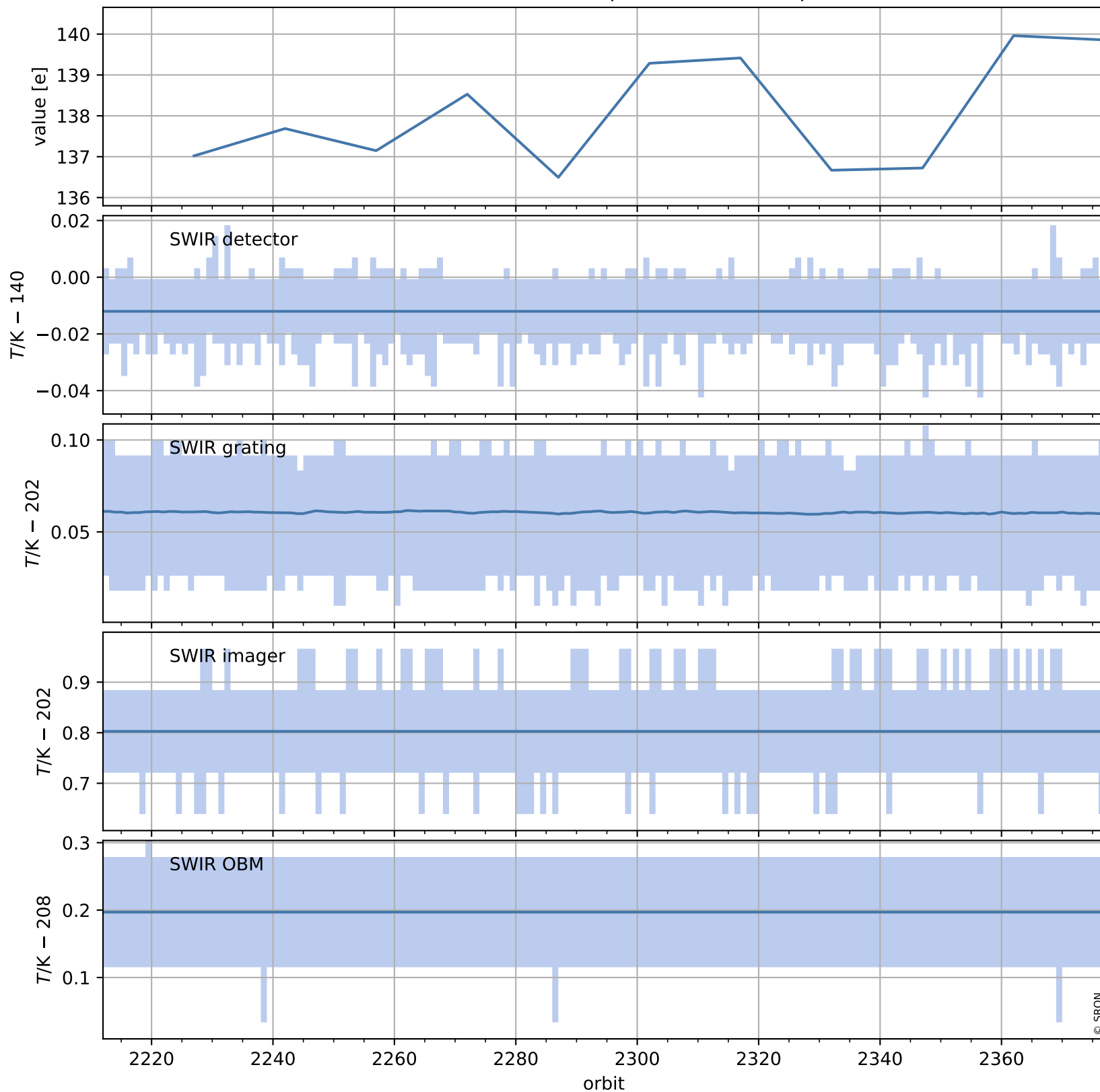
orbits : 14 in [2362, 2377]
coverage : 2018-03-28 / 2018-03-29
created : 2023-08-21T14:17:14



Tropomi SWIR background noise (swir)

orbits : [2212, 2377]
coverage : 2018-03-18 / 2018-03-29
created : 2023-08-21T14:17:14

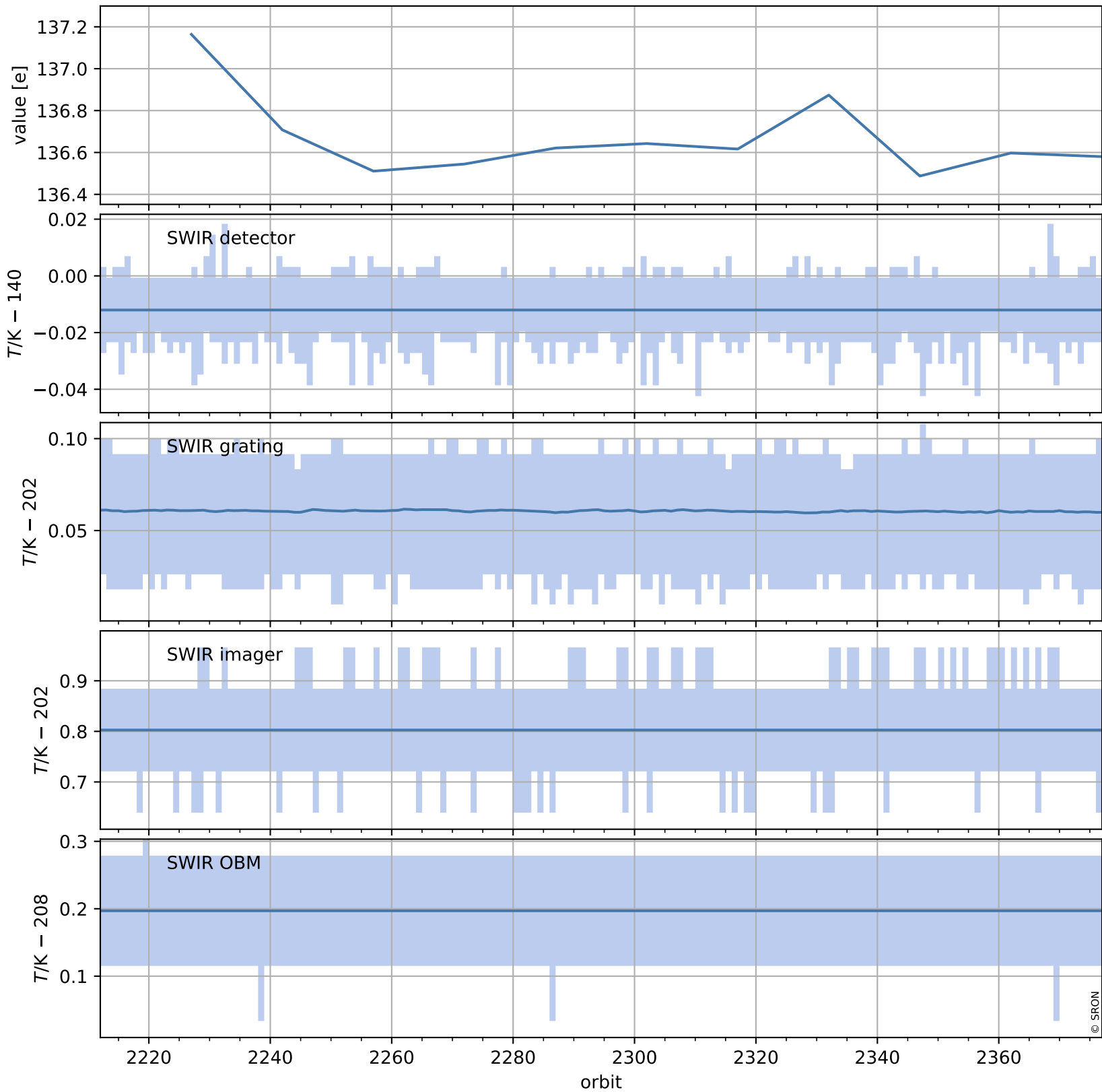
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2377]
coverage : 2018-03-18 / 2018-03-29
created : 2023-08-21T14:17:14

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2377]
coverage : 2018-03-18 / 2018-03-29
created : 2023-08-21T14:17:15

trend of normalized read-noise & temperatures

