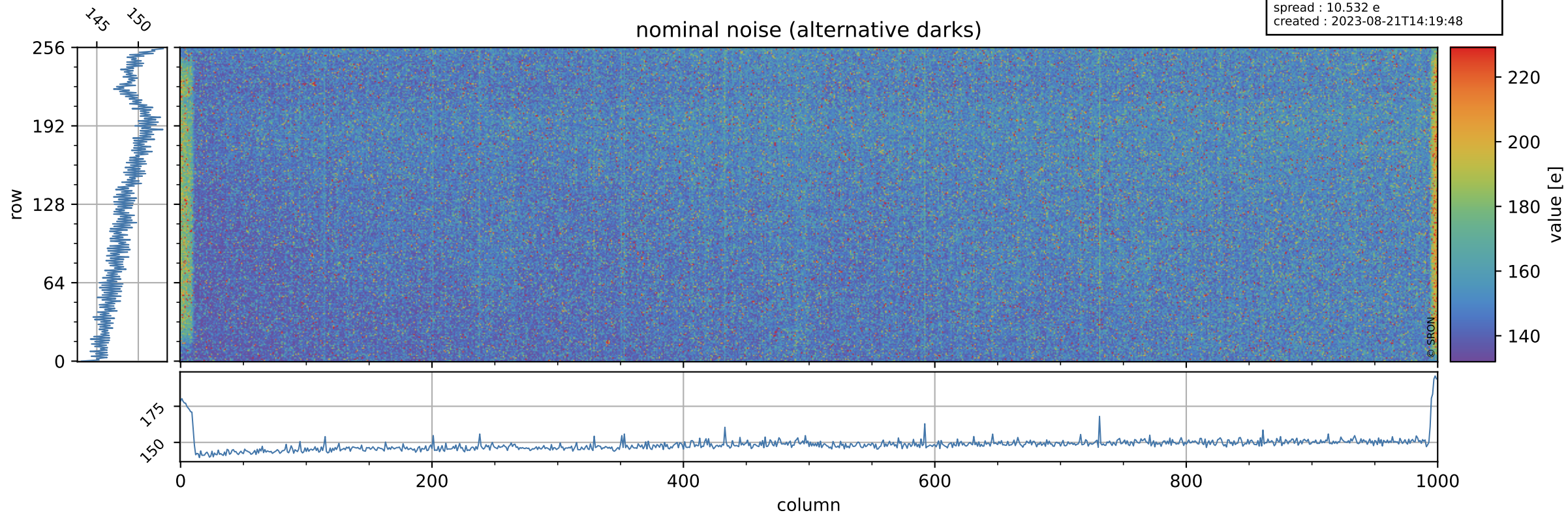


Tropomi SWIR background noise (swir)

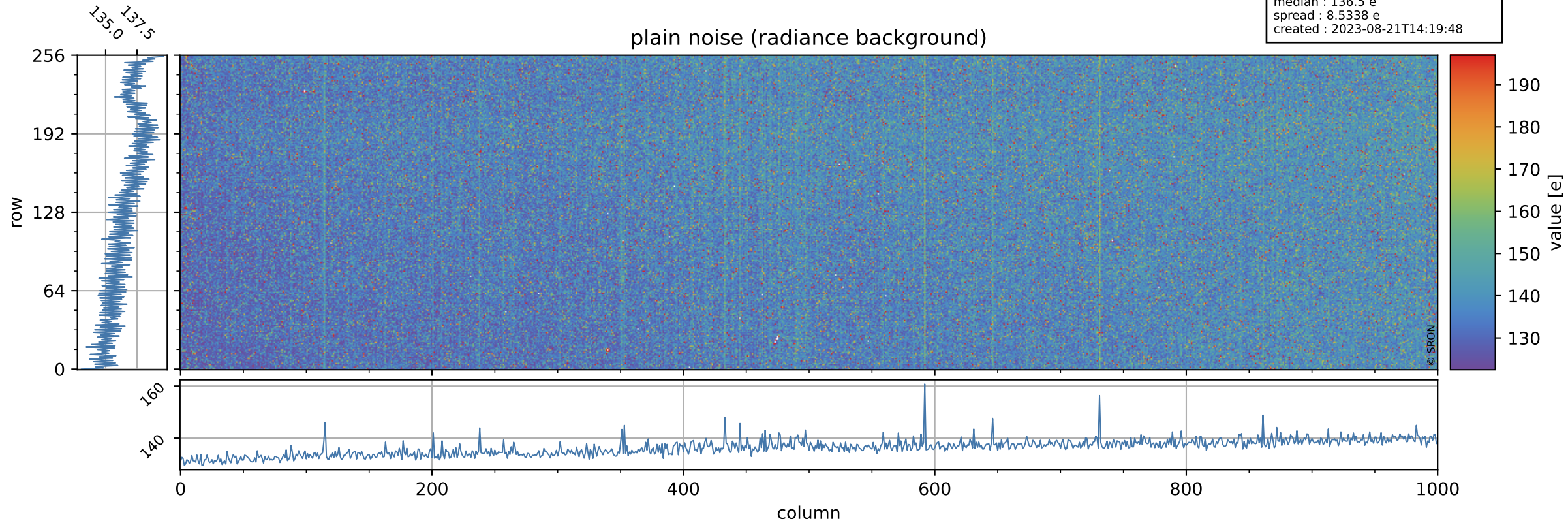
orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.532 e
created : 2023-08-21T14:19:48



Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
n_coad, t_exp : 2, 0.5383
median : 136.5 e
spread : 8.5338 e
created : 2023-08-21T14:19:48

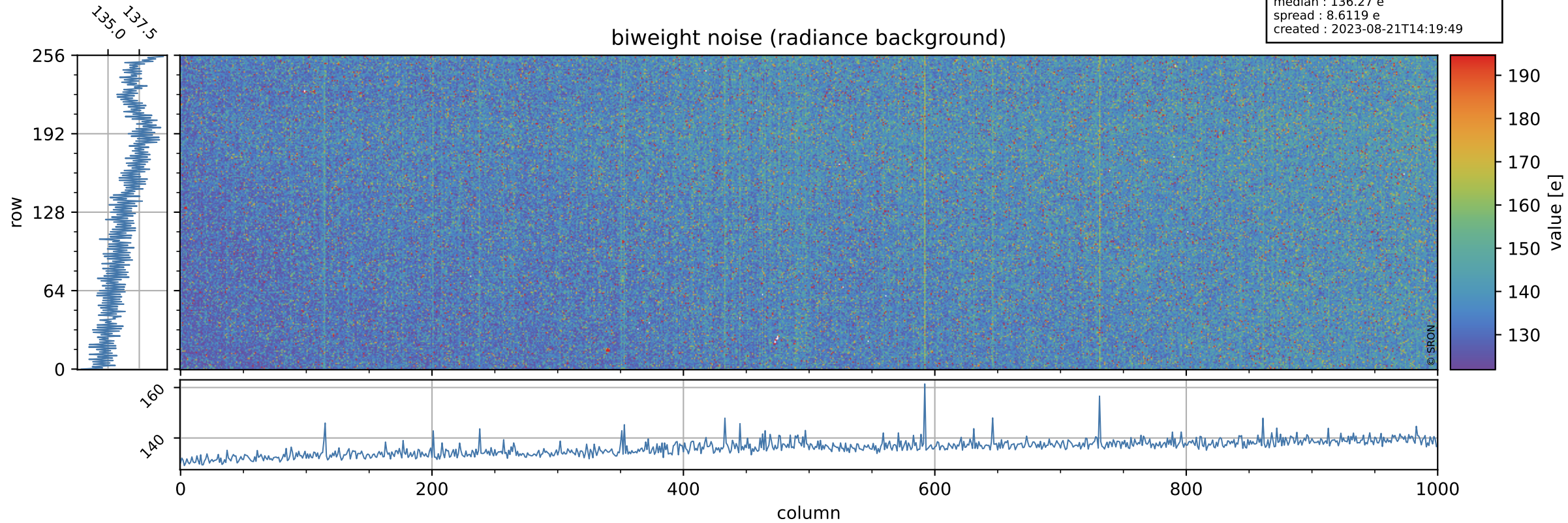
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.6119 e
created : 2023-08-21T14:19:49

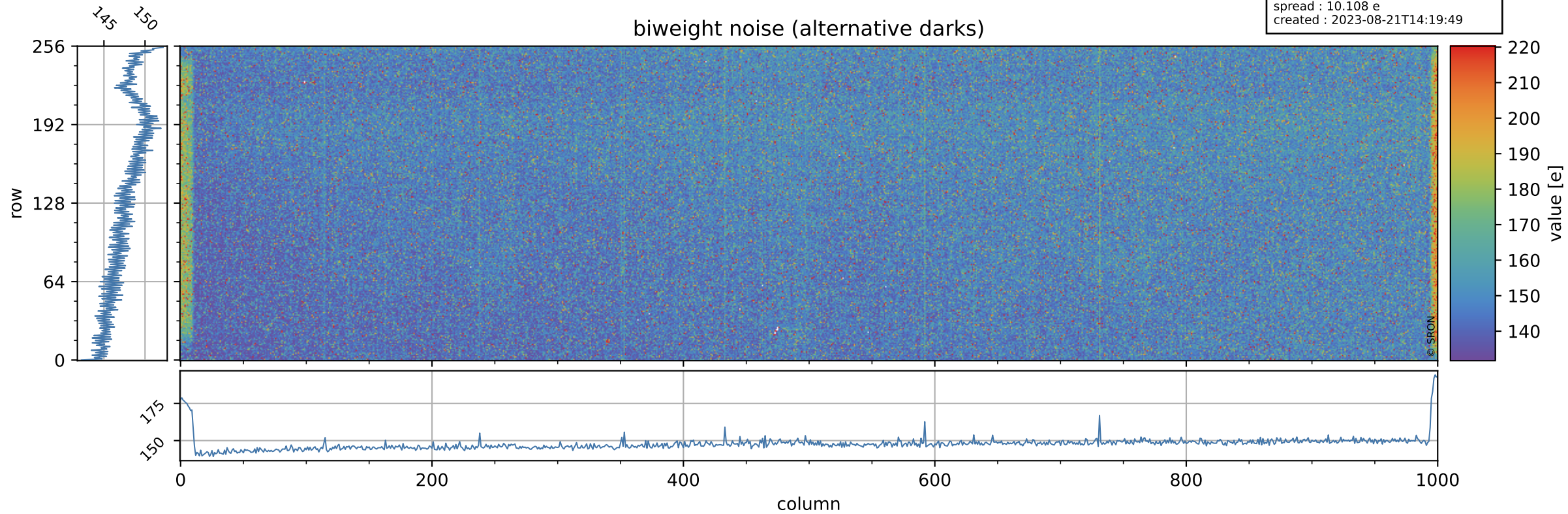
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 10.108 e
created : 2023-08-21T14:19:49

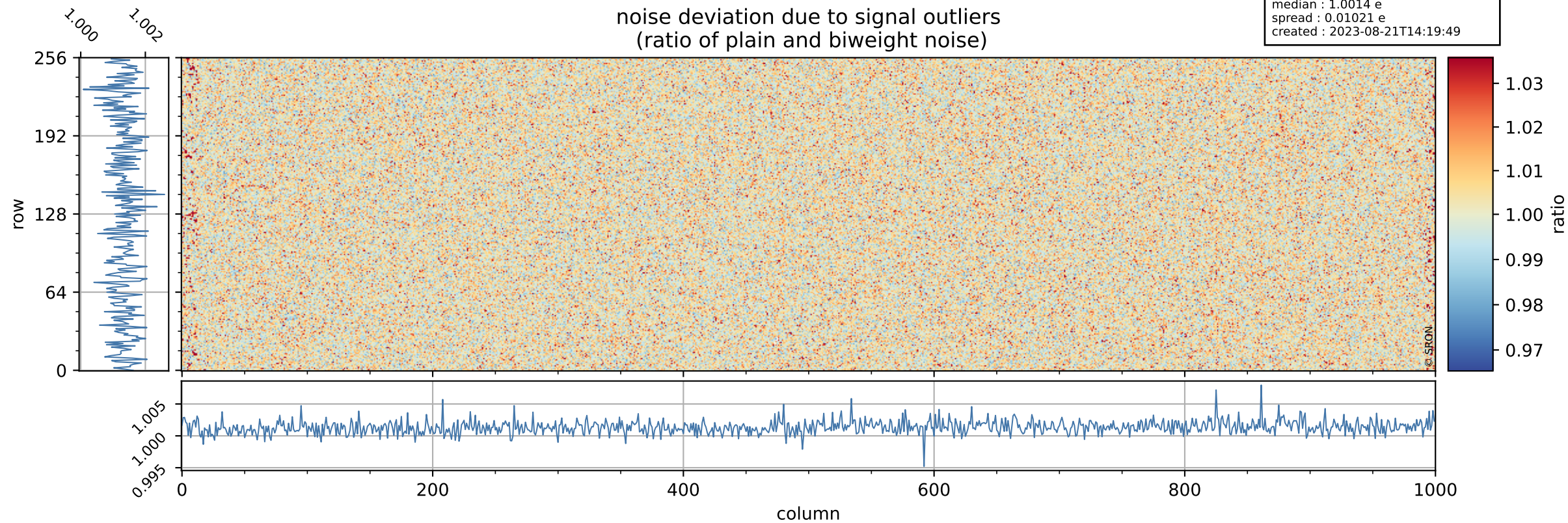
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

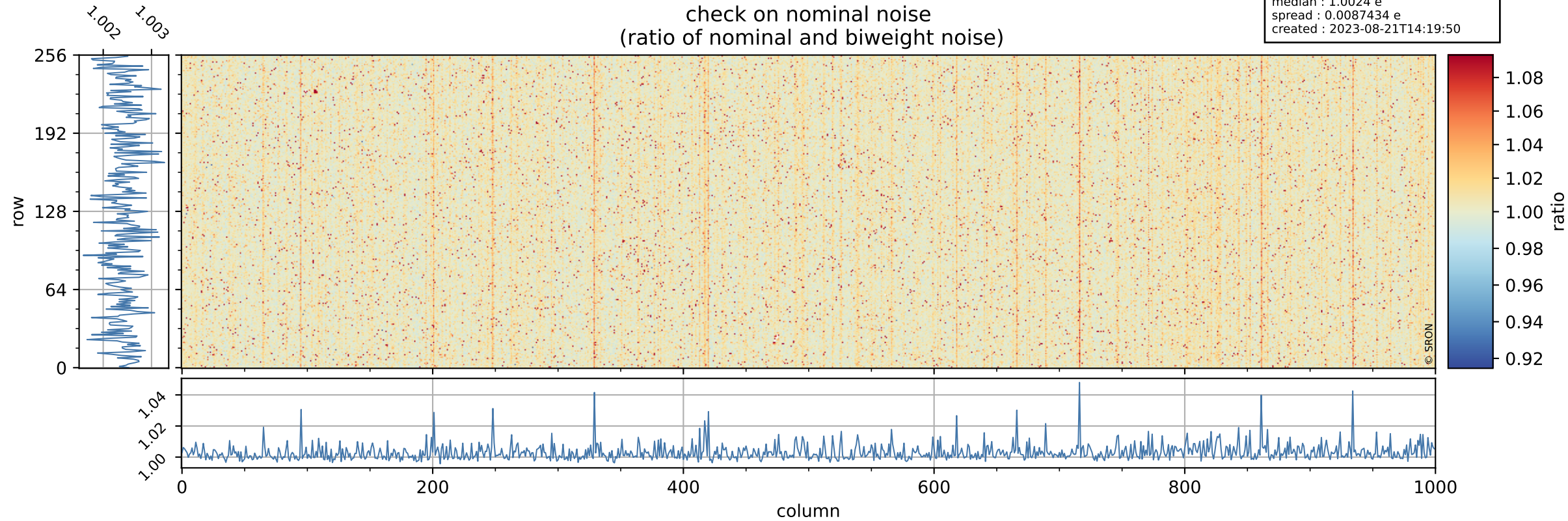
orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
median : 1.0014 e
spread : 0.01021 e
created : 2023-08-21T14:19:49



Tropomi SWIR background noise (swir)

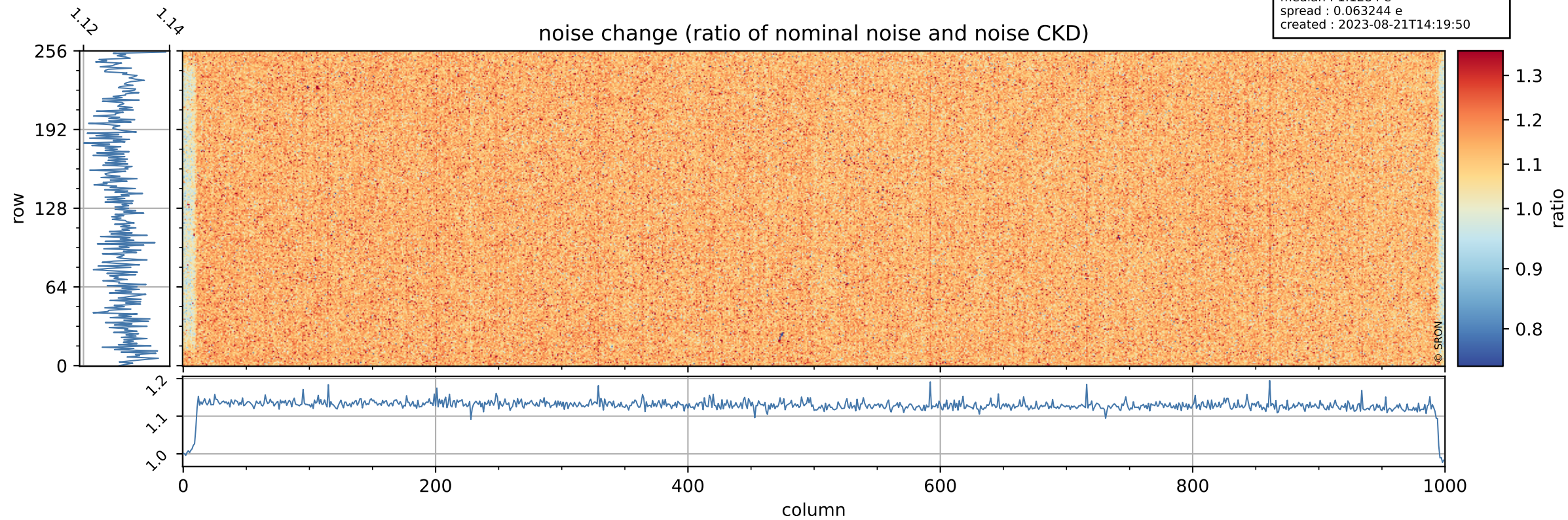
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
median : 1.0024 e
spread : 0.0087434 e
created : 2023-08-21T14:19:50



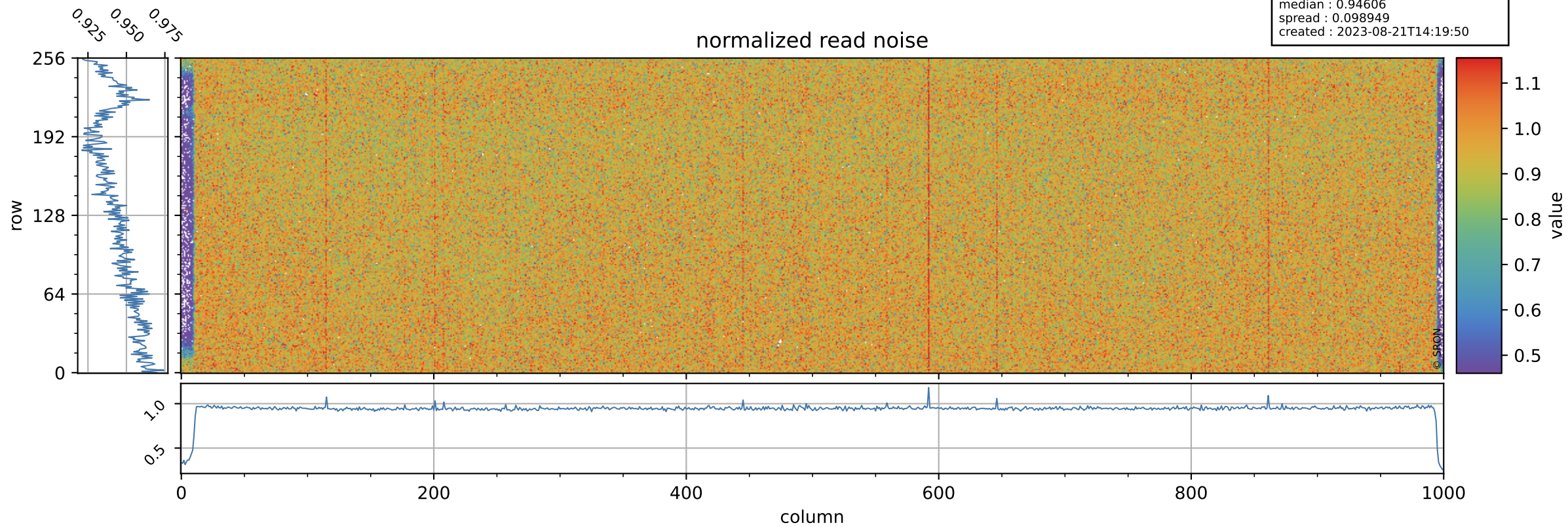
Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
median : 1.1284 e
spread : 0.063244 e
created : 2023-08-21T14:19:50



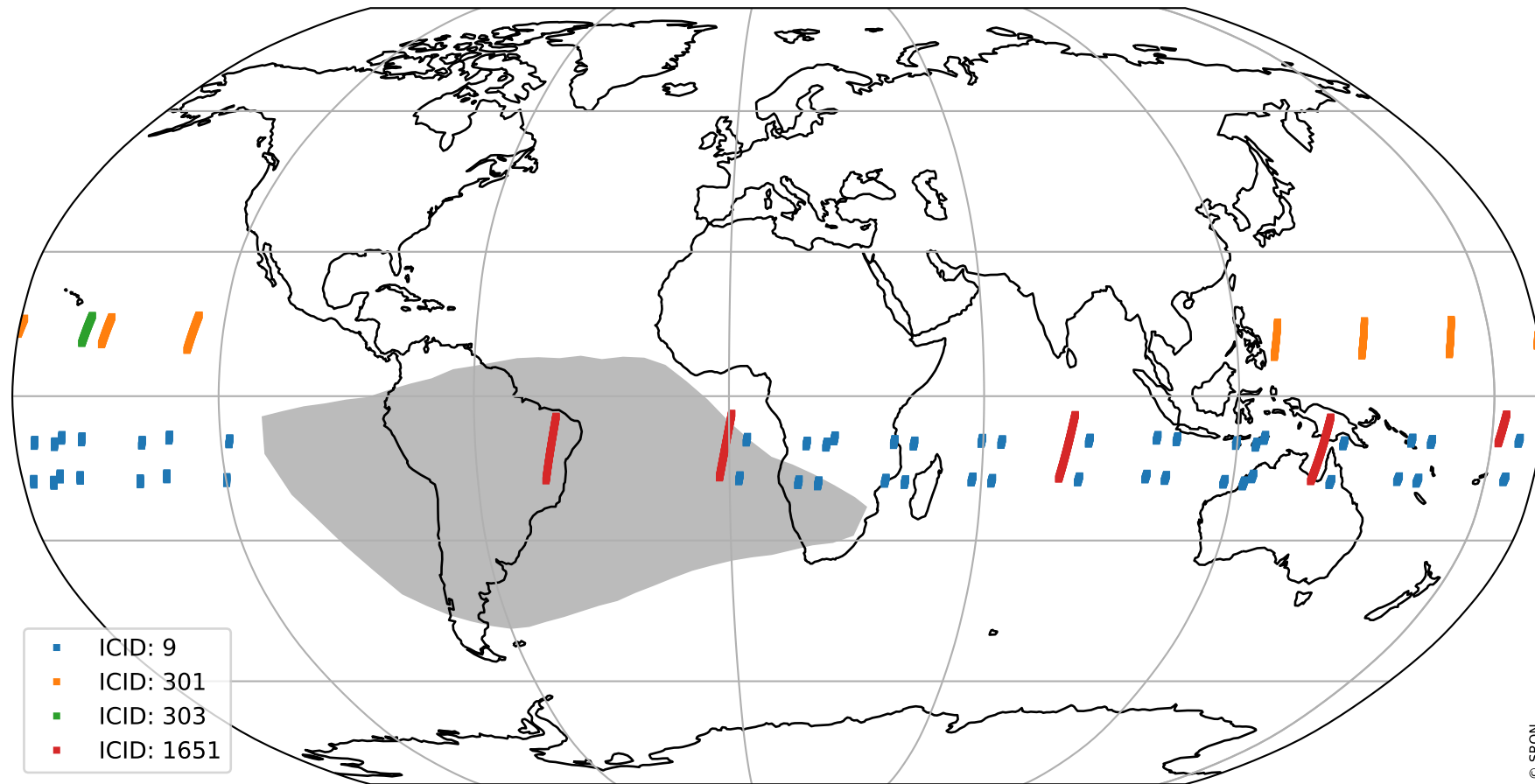
Tropomi SWIR background noise (swir)

orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
median : 0.94606
spread : 0.098949
created : 2023-08-21T14:19:50



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

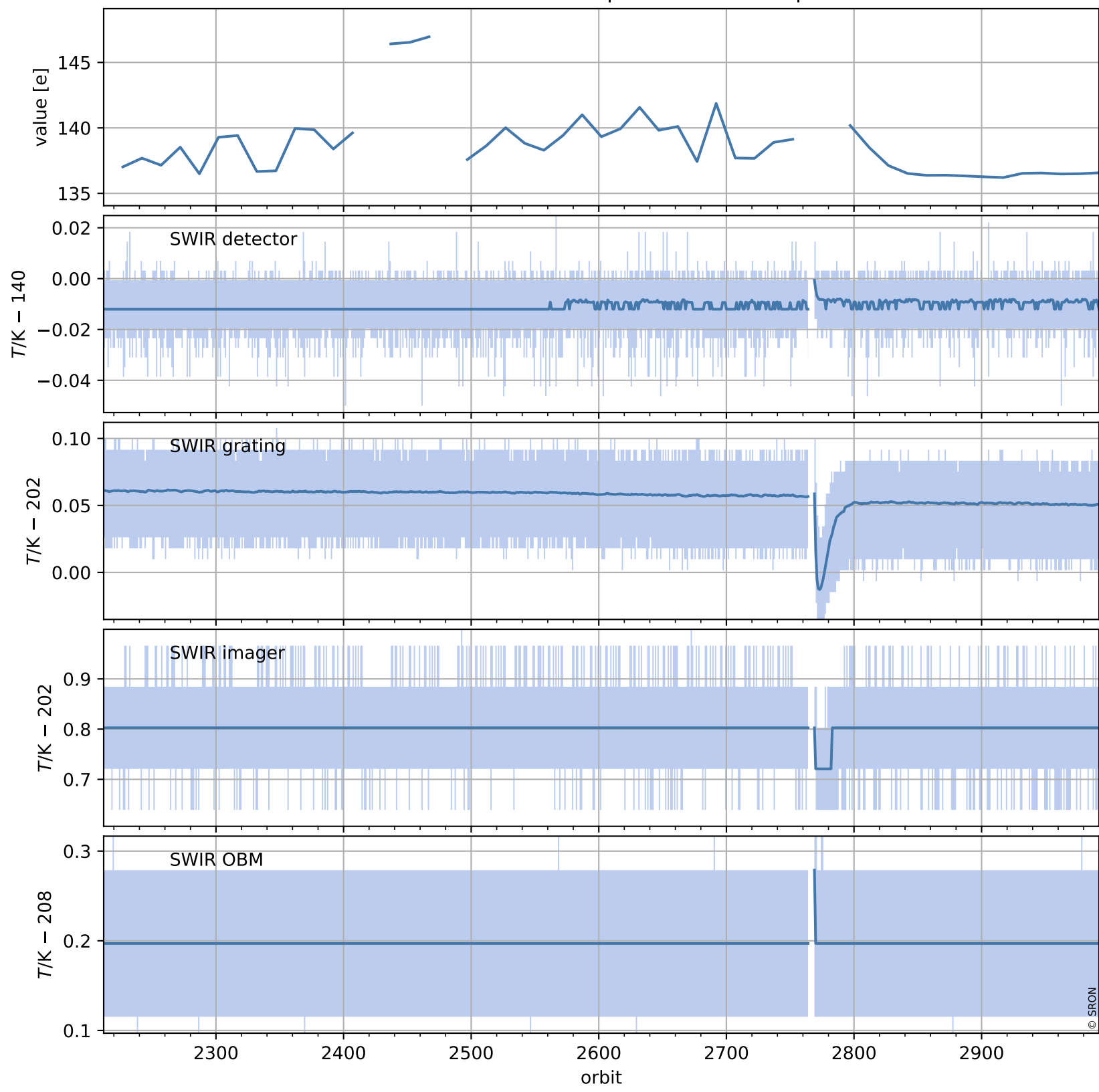
orbits : 12 in [2917, 2992]
coverage : 2018-05-06 / 2018-05-11
created : 2023-08-21T14:19:50



Tropomi SWIR background noise (swir)

orbits : [2212, 2992]
coverage : 2018-03-18 / 2018-05-11
created : 2023-08-21T14:19:51

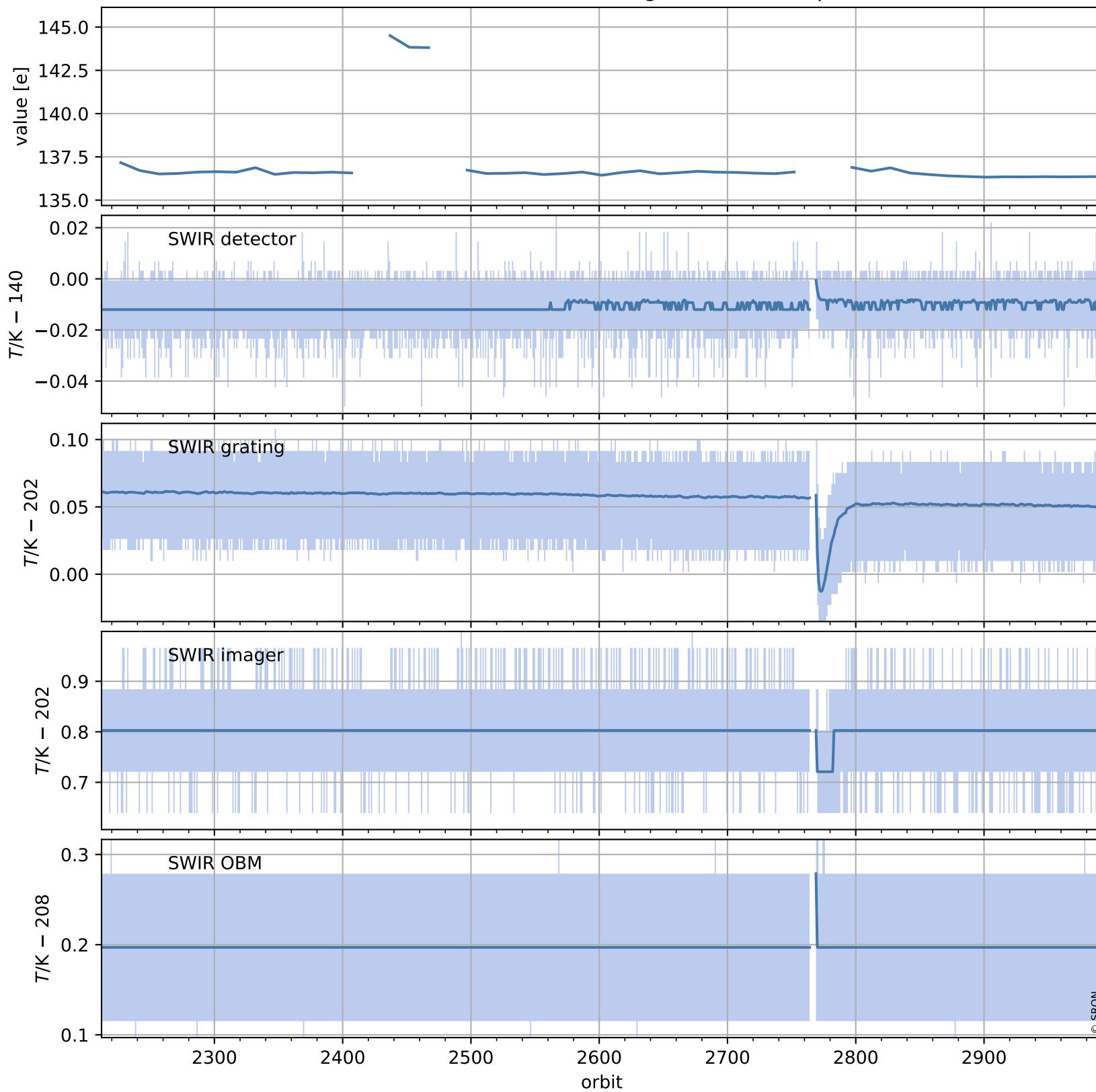
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2992]
coverage : 2018-03-18 / 2018-05-11
created : 2023-08-21T14:19:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2992]
coverage : 2018-03-18 / 2018-05-11
created : 2023-08-21T14:19:52

trend of normalized read-noise & temperatures

