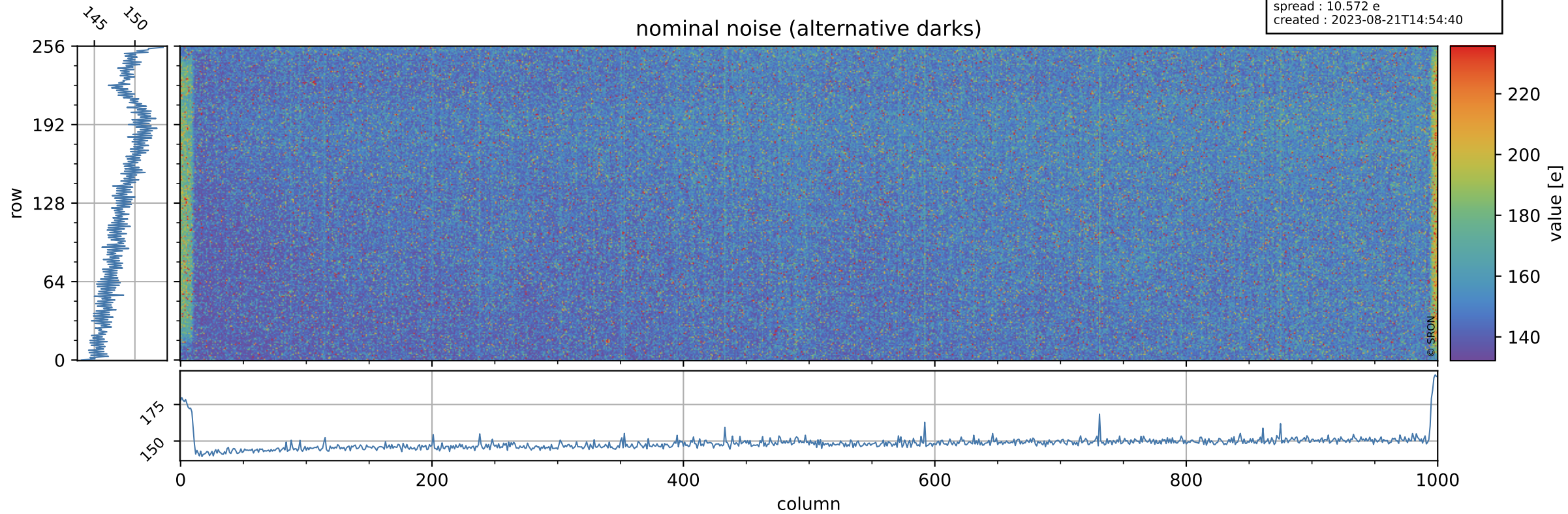


Tropomi SWIR background noise (swir)

orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.572 e
created : 2023-08-21T14:54:40

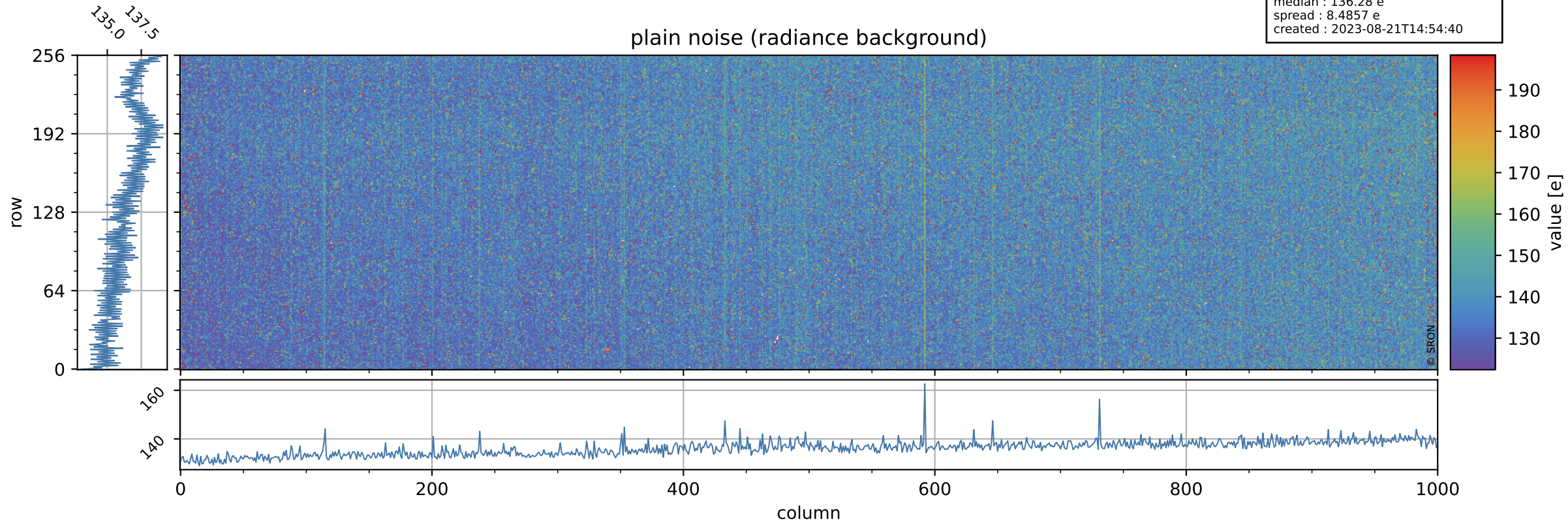
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.4857 e
created : 2023-08-21T14:54:40

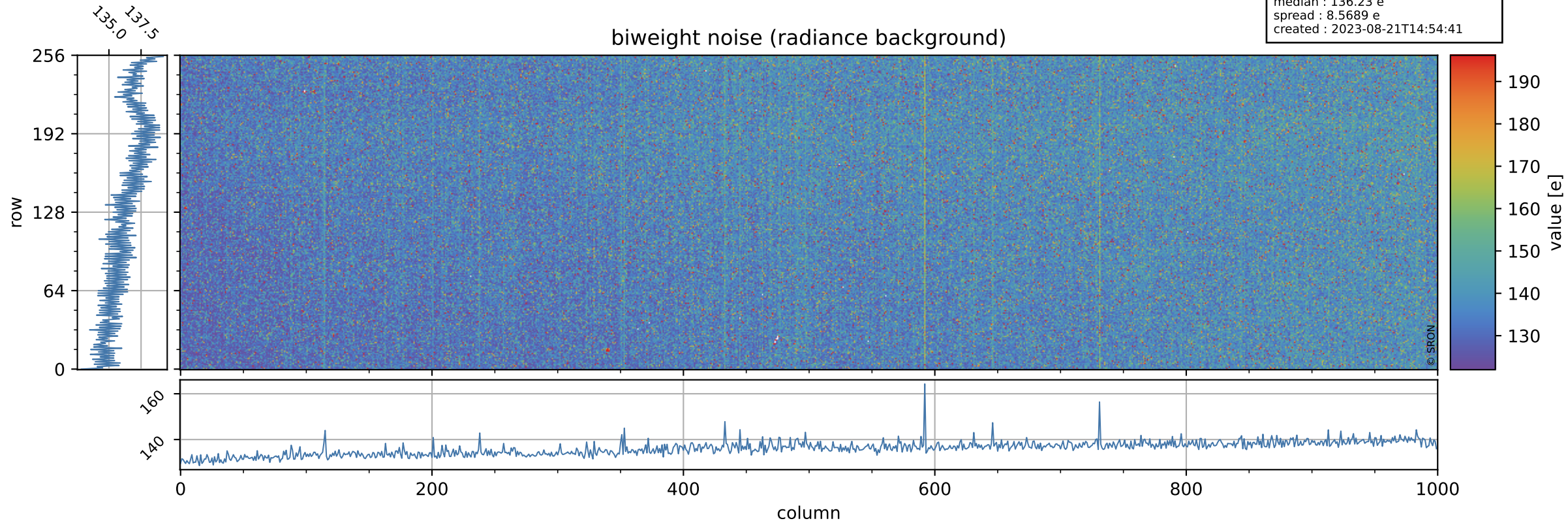
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.5689 e
created : 2023-08-21T14:54:41

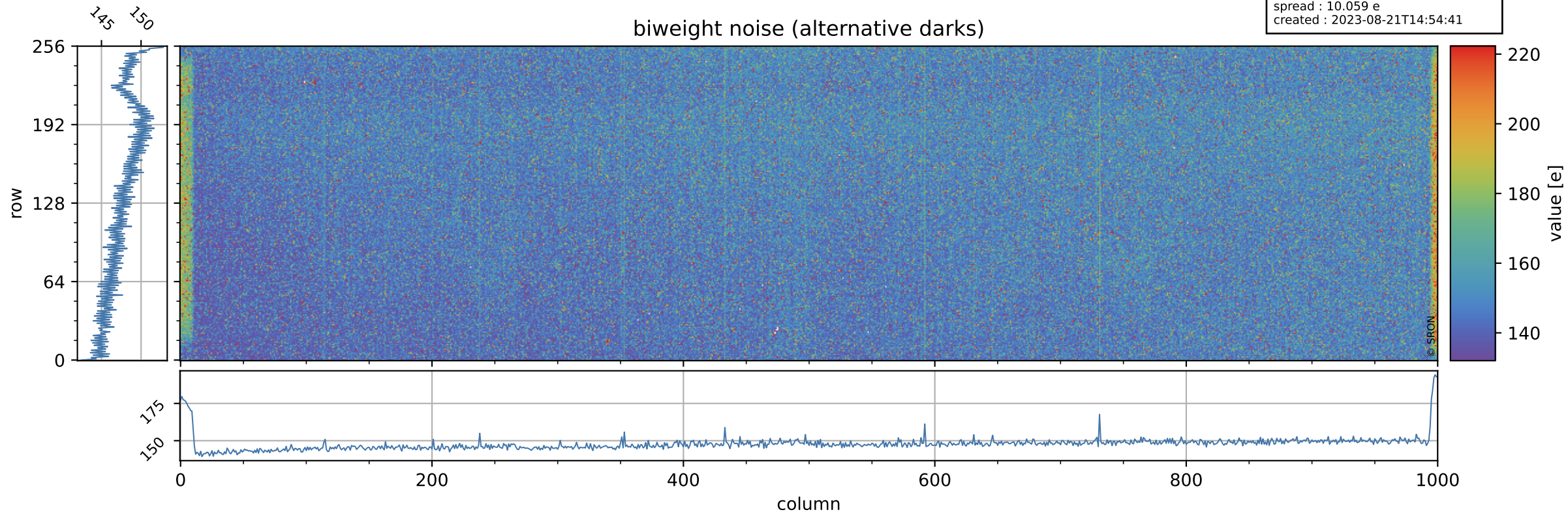
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.059 e
created : 2023-08-21T14:54:41

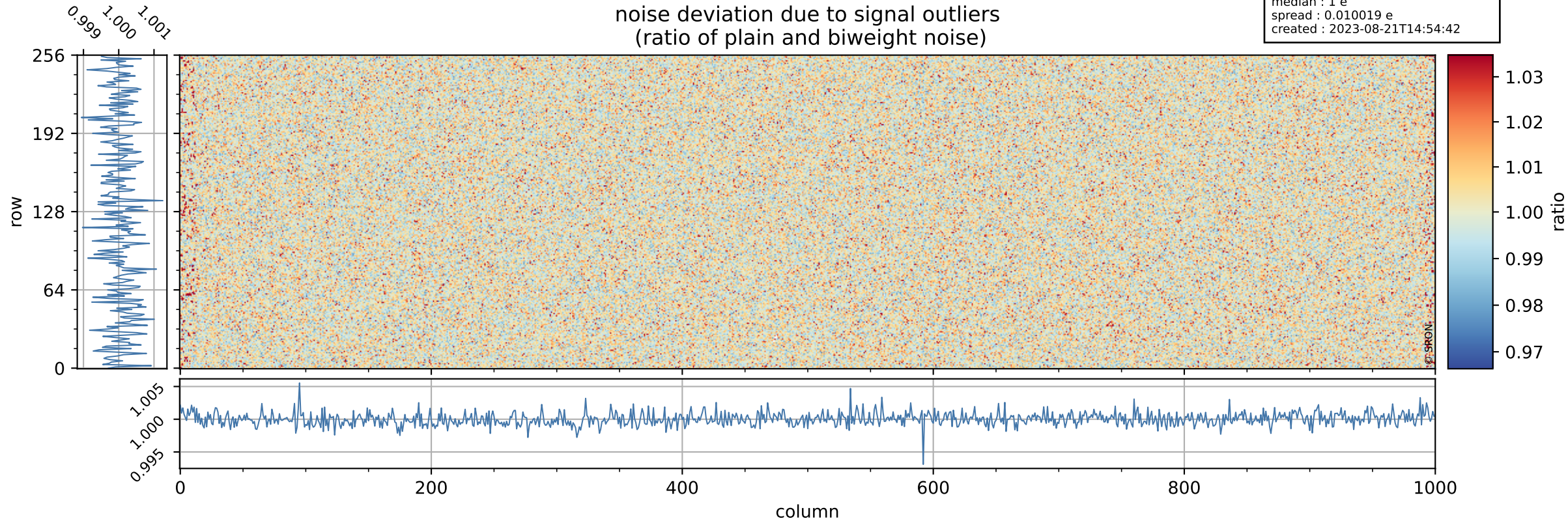
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

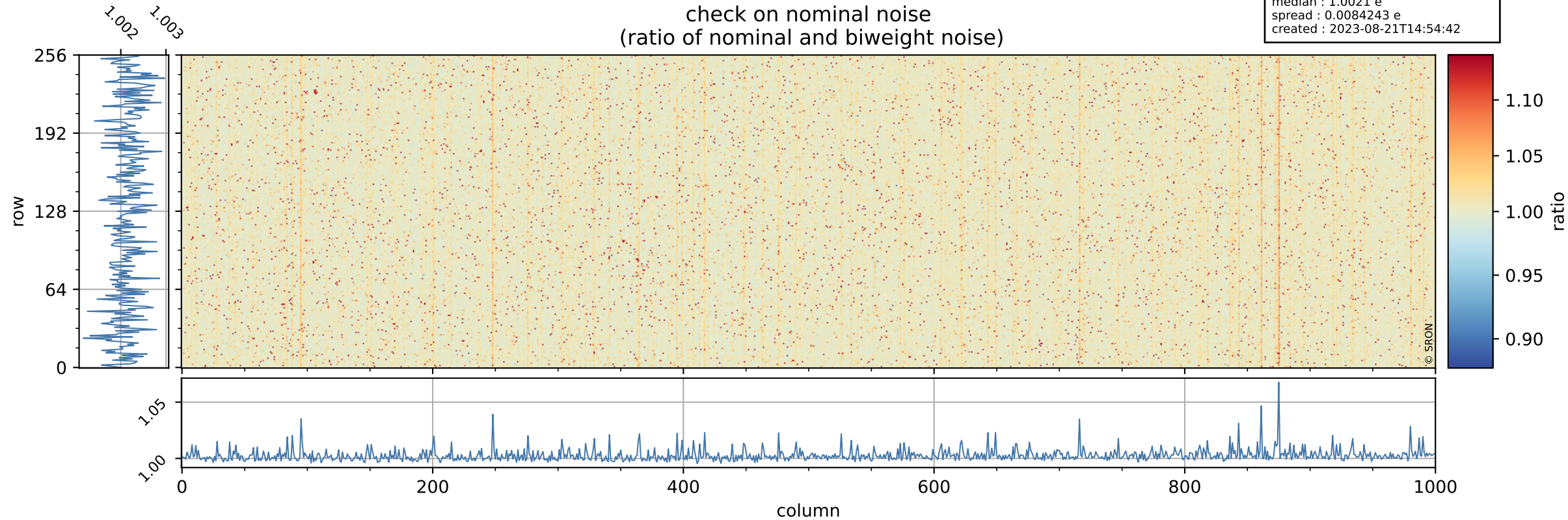
orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
median : 1 e
spread : 0.010019 e
created : 2023-08-21T14:54:42



Tropomi SWIR background noise (swir)

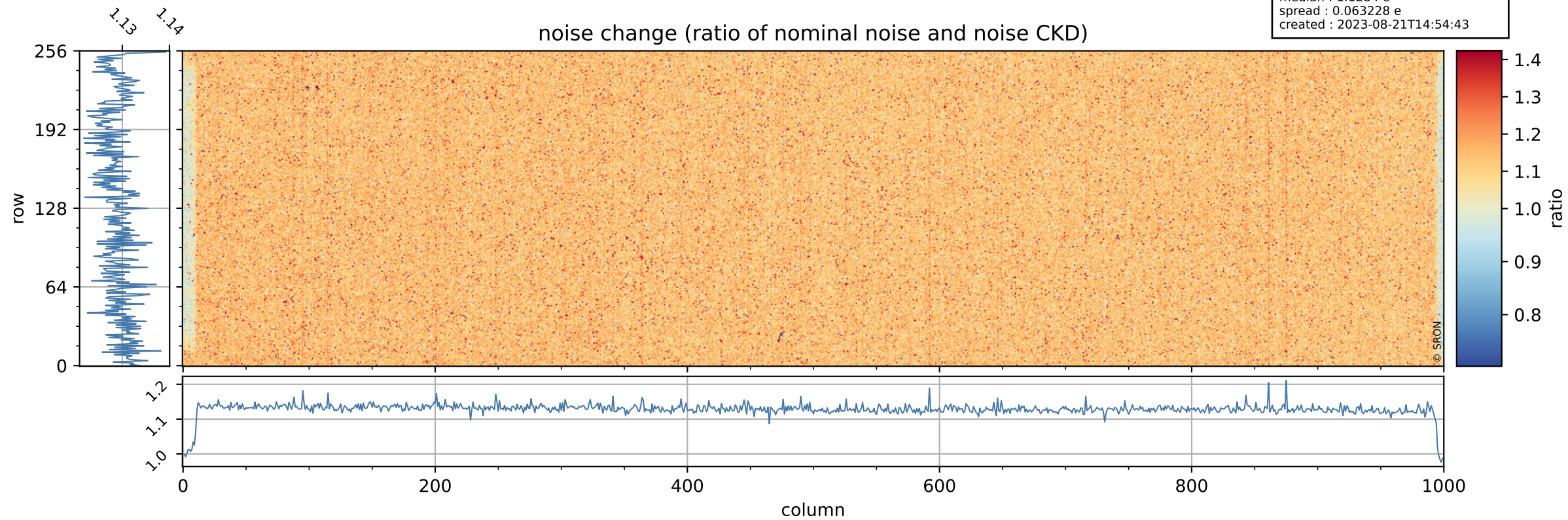
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
median : 1.0021 e
spread : 0.0084243 e
created : 2023-08-21T14:54:42



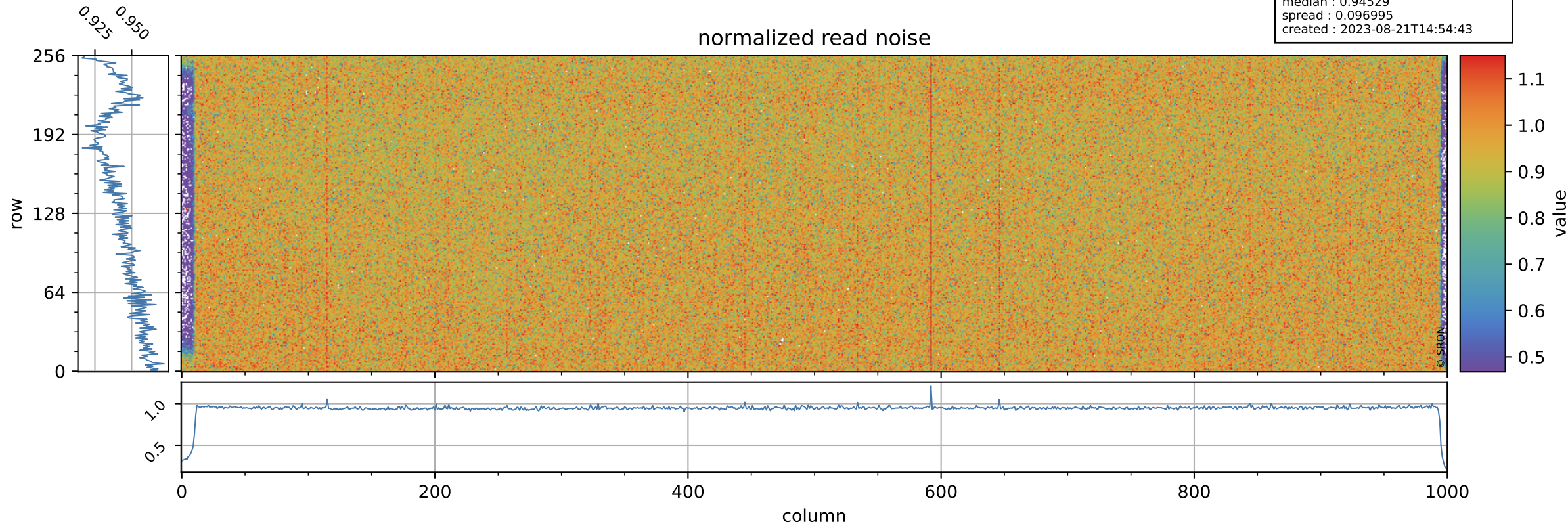
Tropomi SWIR background noise (swir)

orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
median : 1.1284 e
spread : 0.063228 e
created : 2023-08-21T14:54:43



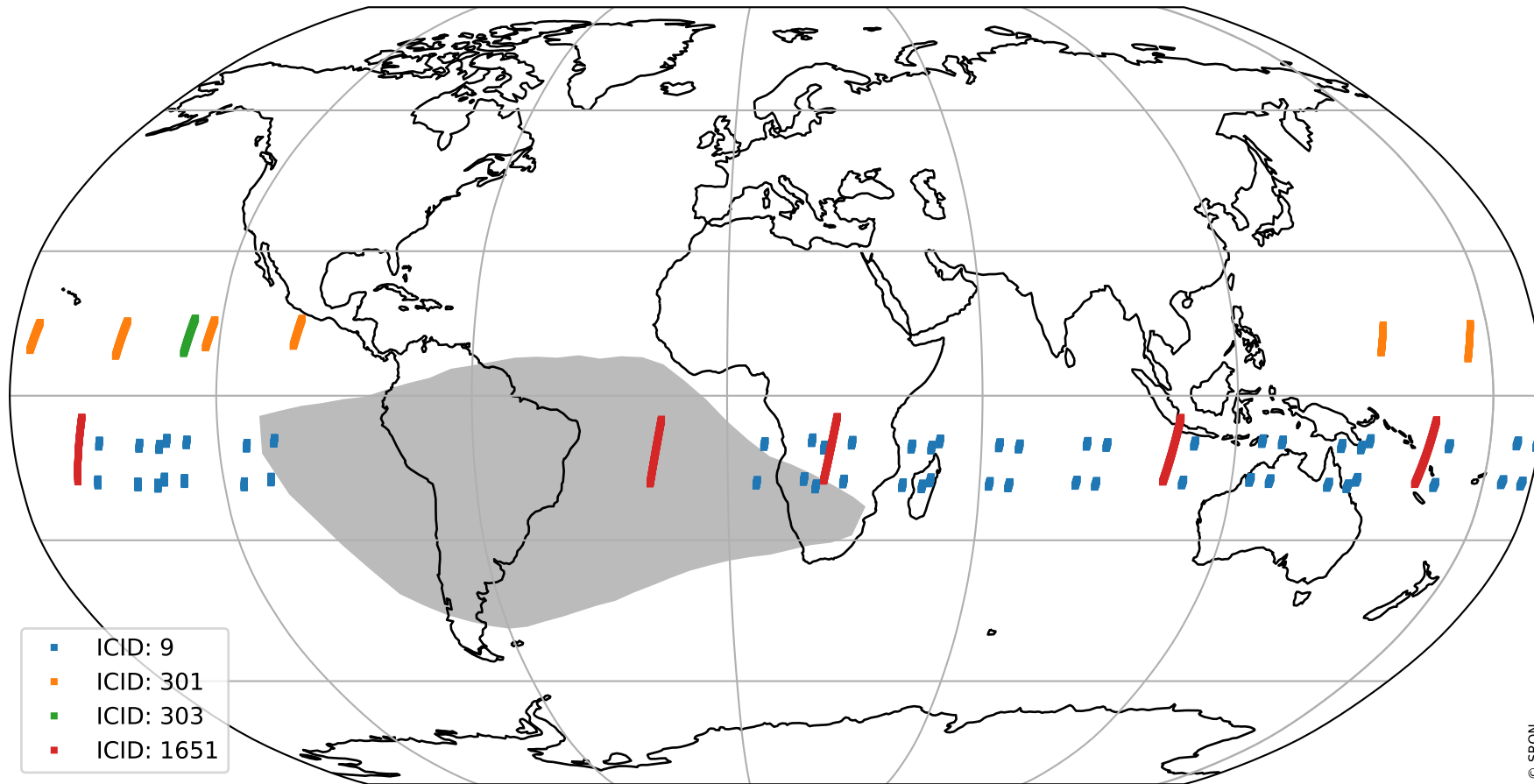
Tropomi SWIR background noise (swir)

orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
median : 0.94529
spread : 0.096995
created : 2023-08-21T14:54:43



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

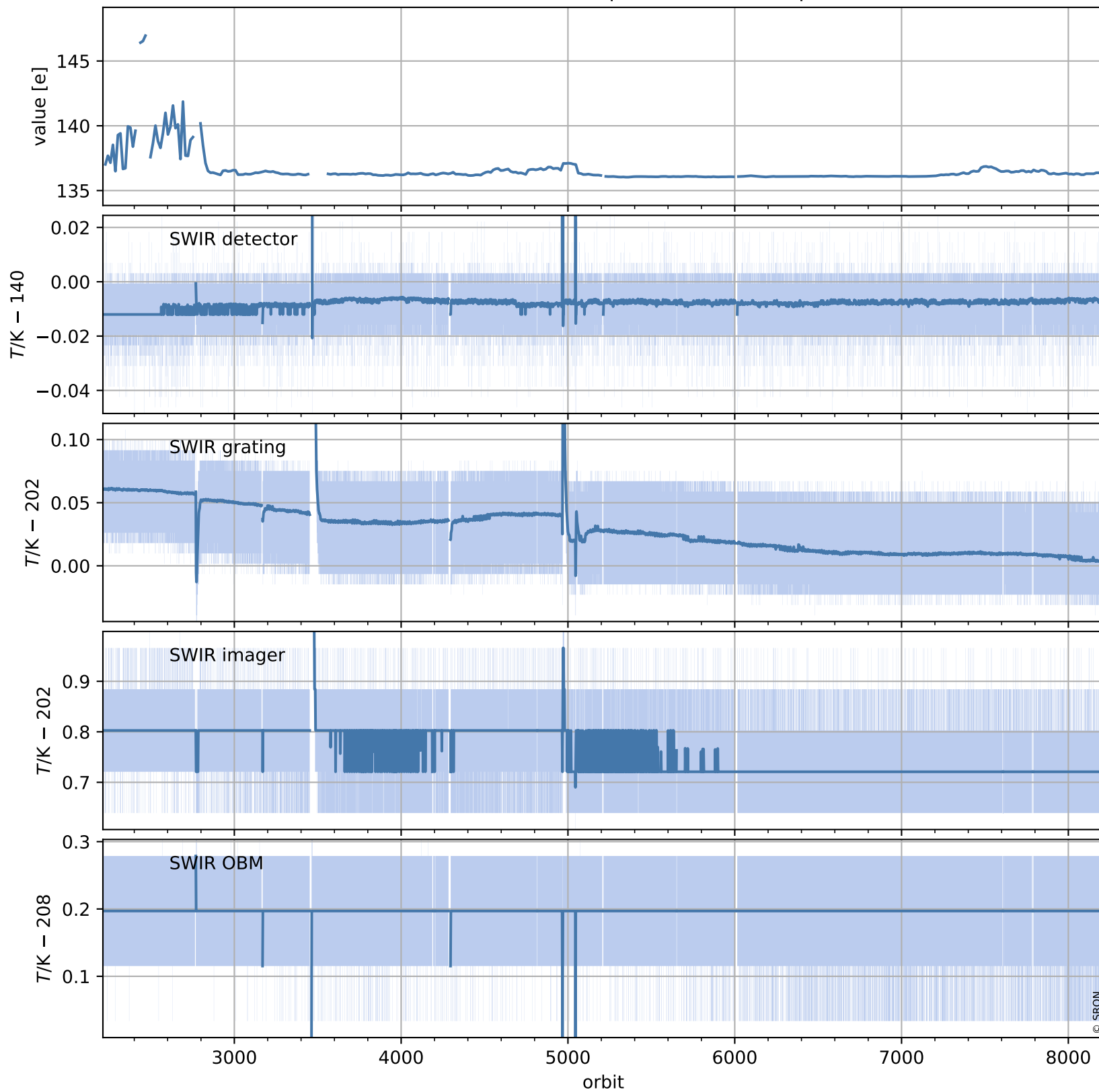
orbits : 12 in [8137, 8212]
coverage : 2019-05-09 / 2019-05-14
created : 2023-08-21T14:54:44



Tropomi SWIR background noise (swir)

orbits : [2212, 8212]
coverage : 2018-03-18 / 2019-05-14
created : 2023-08-21T14:54:44

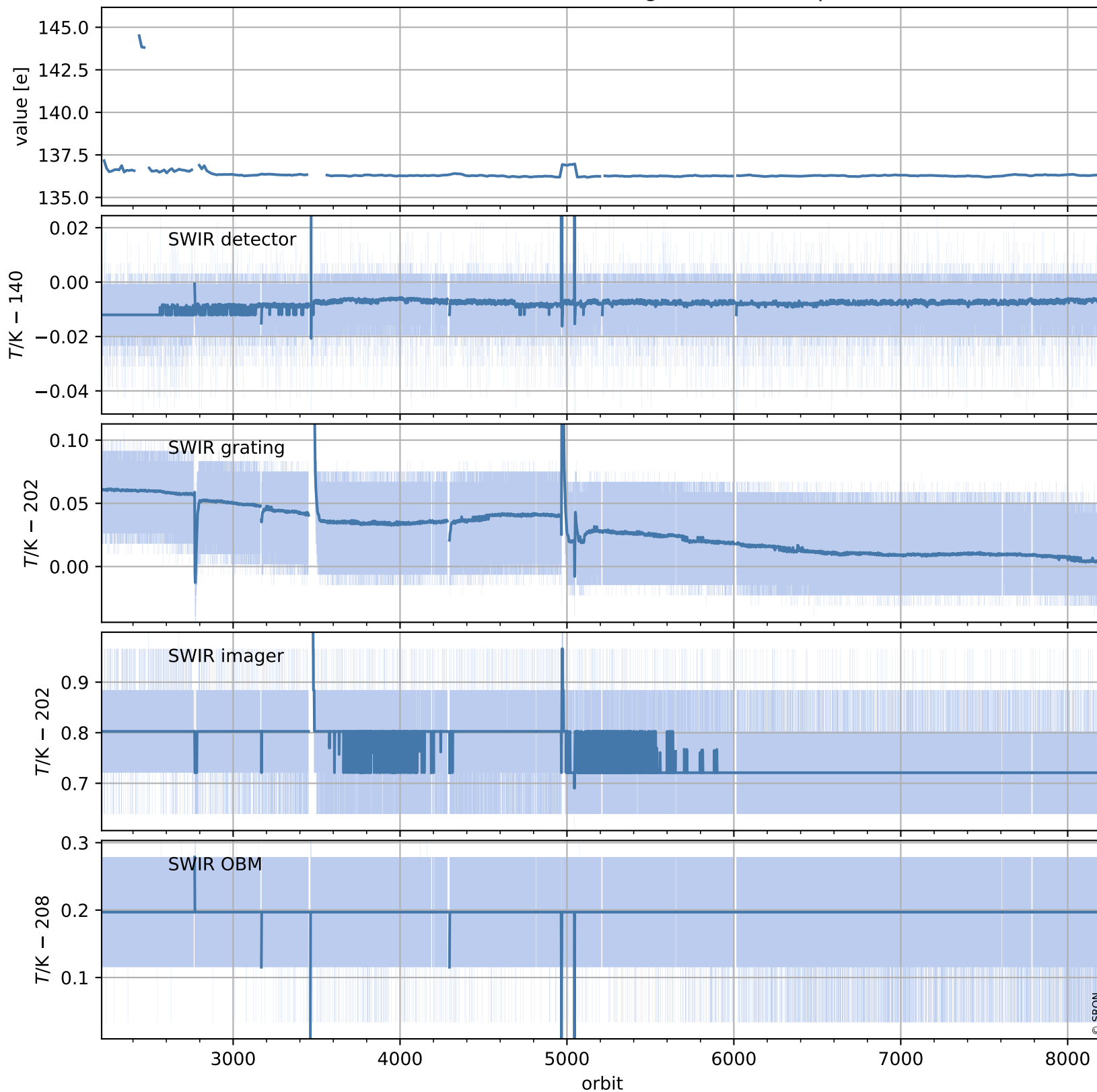
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8212]
coverage : 2018-03-18 / 2019-05-14
created : 2023-08-21T14:54:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8212]
coverage : 2018-03-18 / 2019-05-14
created : 2023-08-21T14:54:45

trend of normalized read-noise & temperatures

