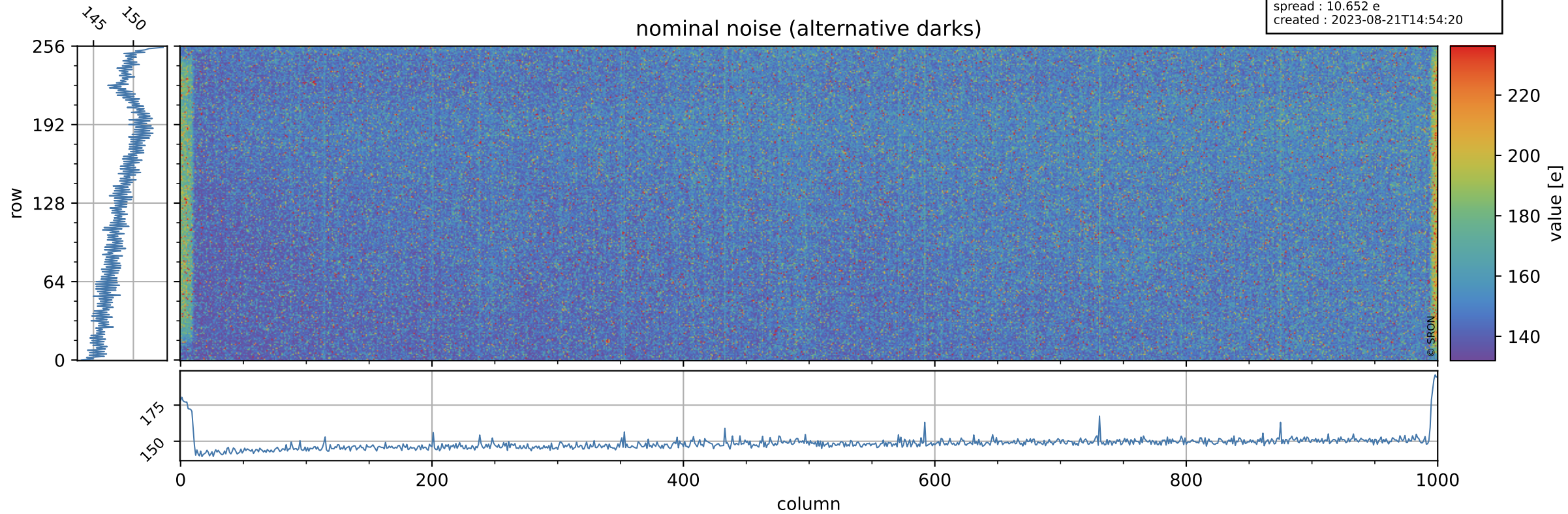


Tropomi SWIR background noise (swir)

orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 10.652 e
created : 2023-08-21T14:54:20

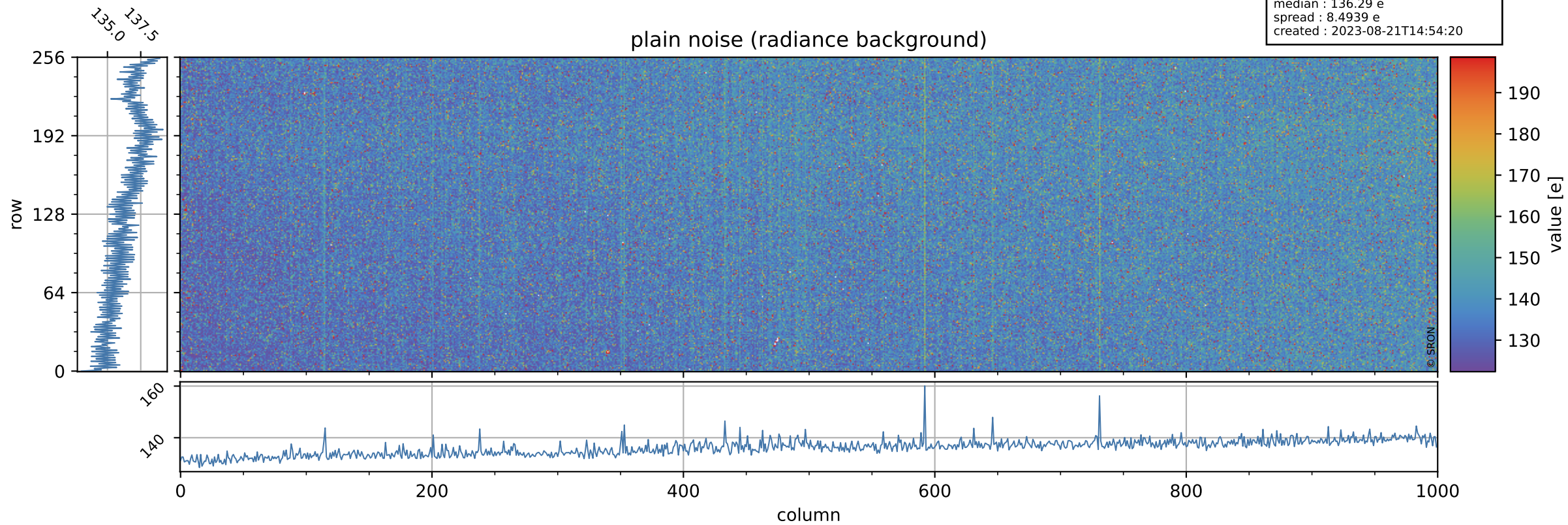
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
n_coad, t_exp : 2, 0.5383
median : 136.29 e
spread : 8.4939 e
created : 2023-08-21T14:54:20

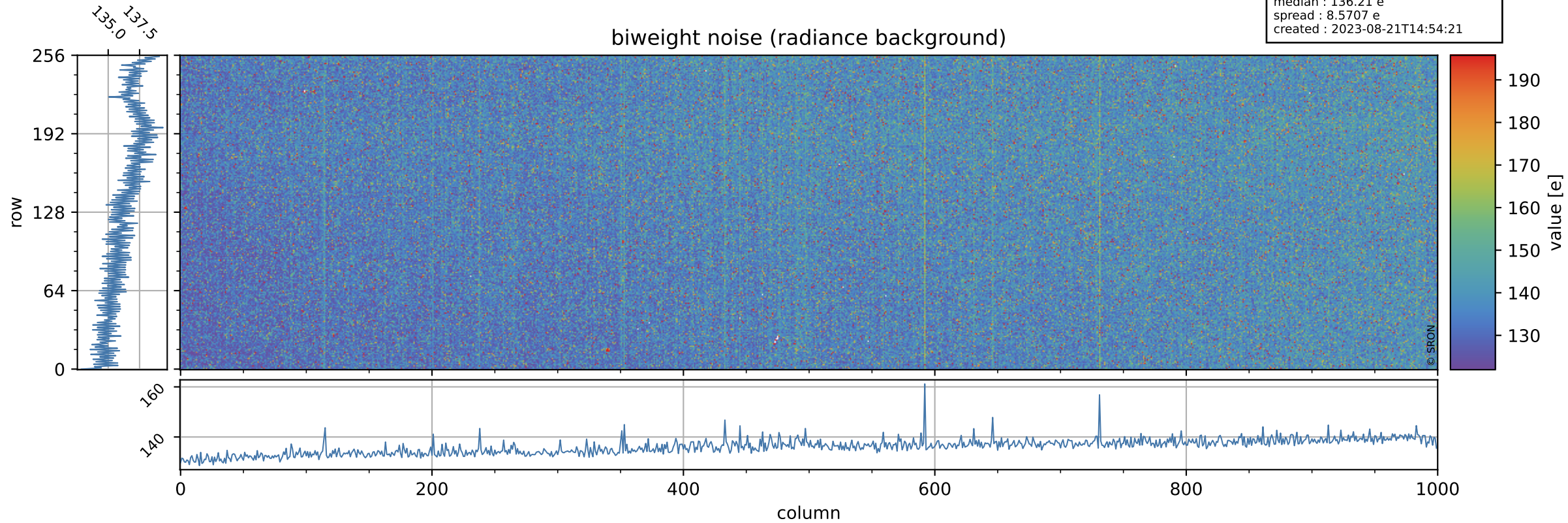
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
n_coad, t_exp : 2, 0.5383
median : 136.21 e
spread : 8.5707 e
created : 2023-08-21T14:54:21

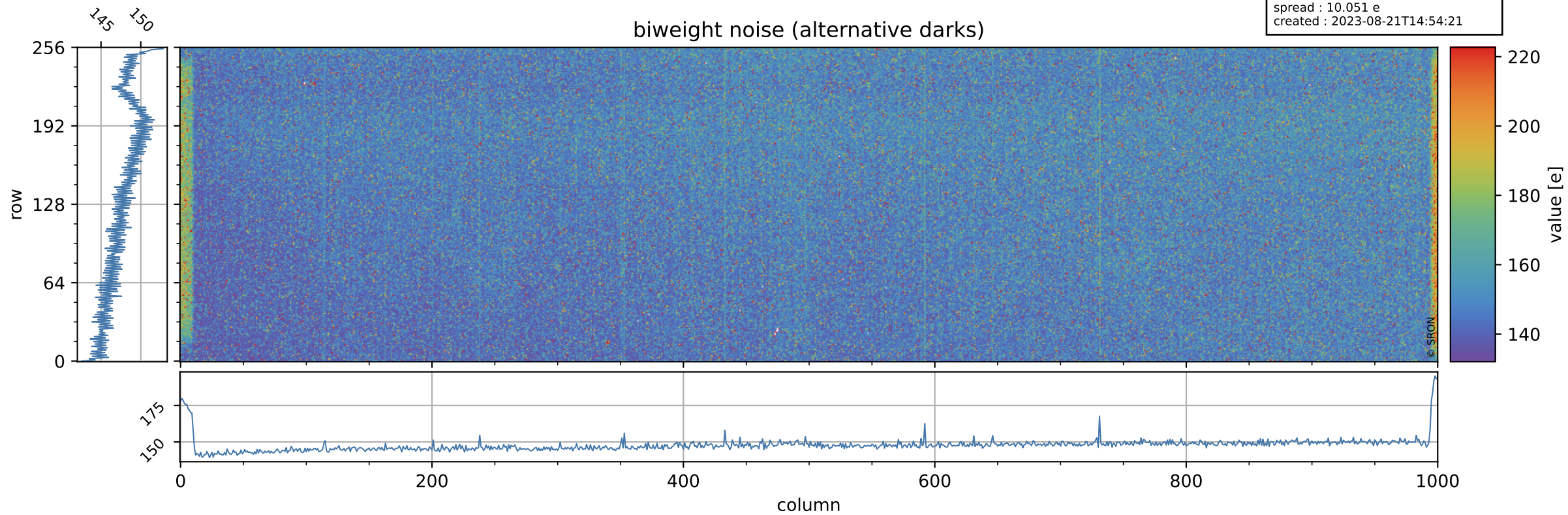
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
n_coad, t_exp : 1, 1.0783
median : 147.6 e
spread : 10.051 e
created : 2023-08-21T14:54:21

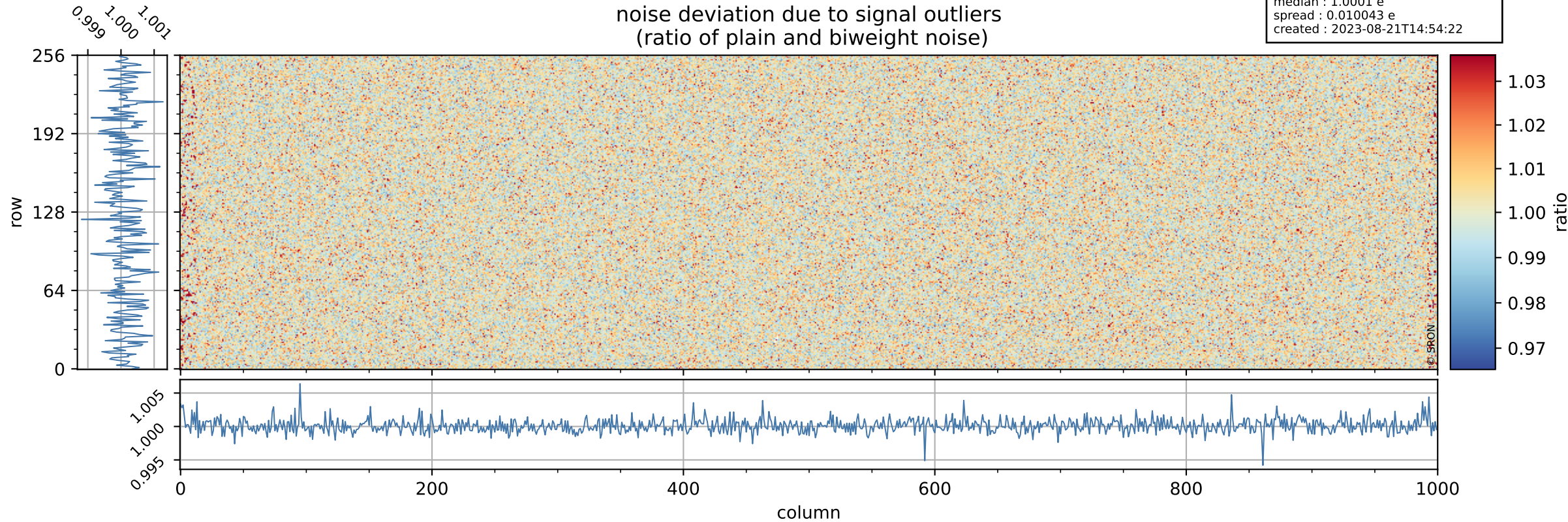
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

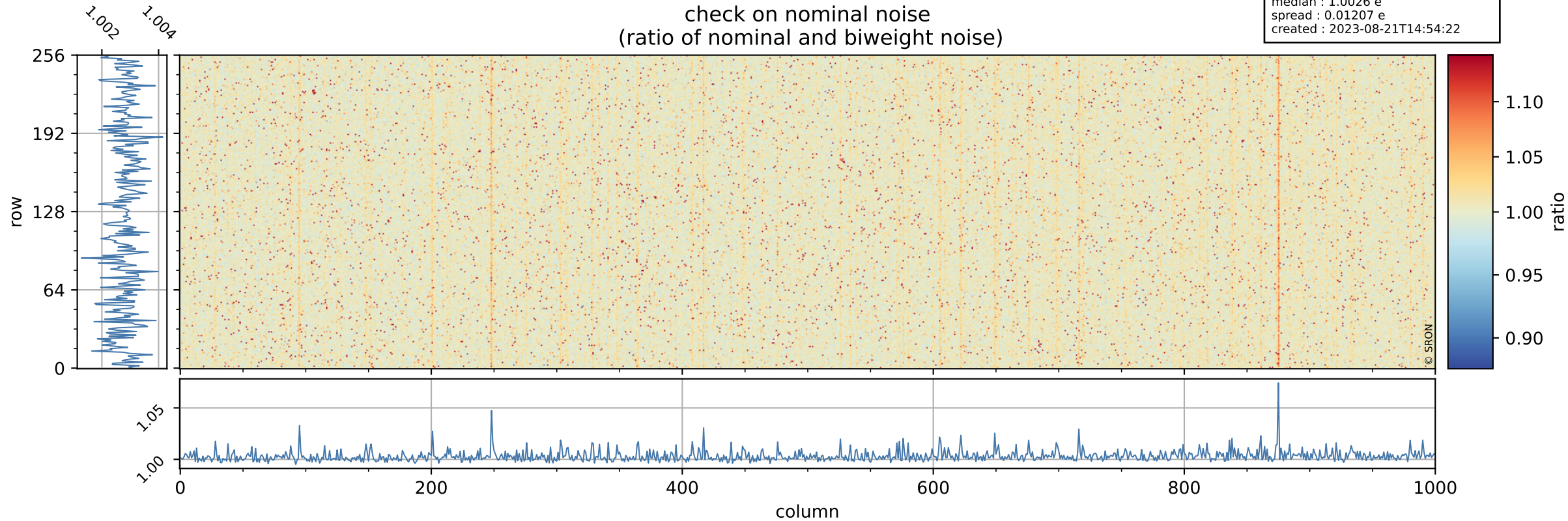
orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
median : 1.0001 e
spread : 0.010043 e
created : 2023-08-21T14:54:22



Tropomi SWIR background noise (swir)

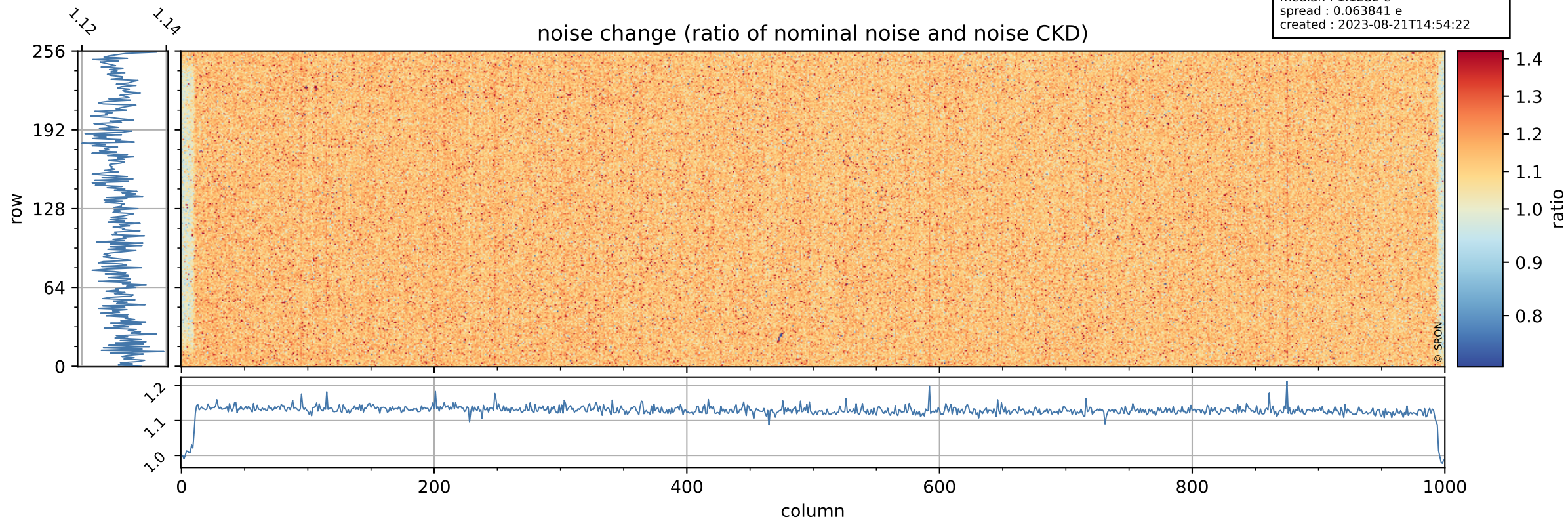
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
median : 1.0026 e
spread : 0.01207 e
created : 2023-08-21T14:54:22



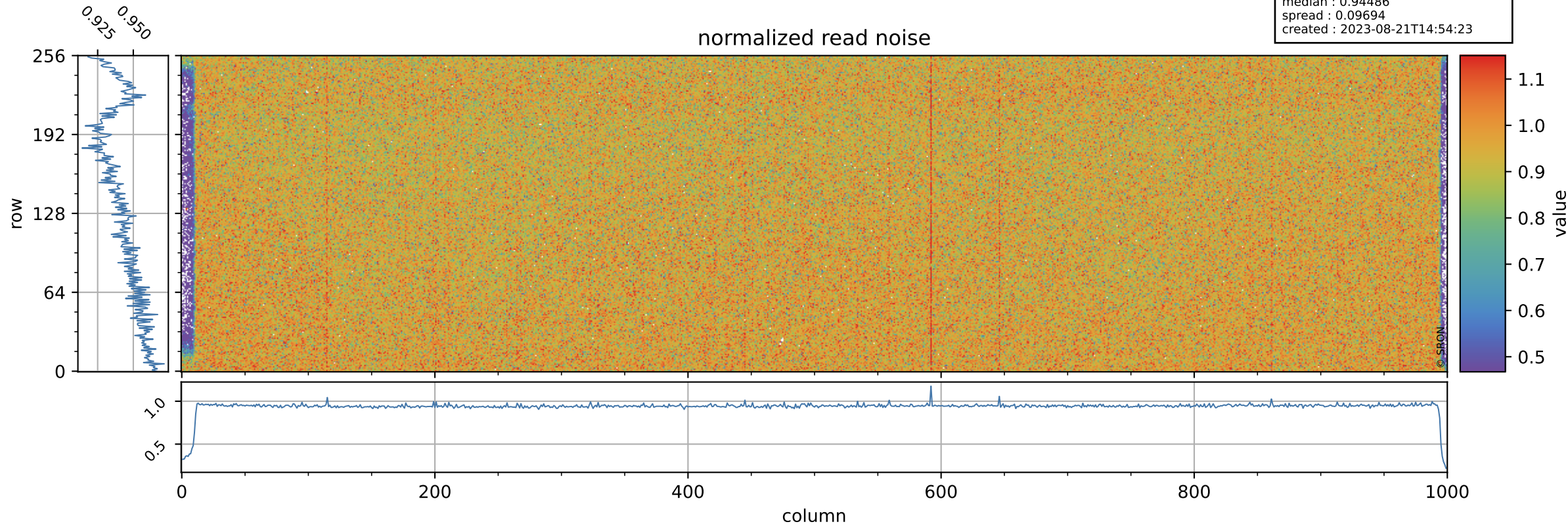
Tropomi SWIR background noise (swir)

orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
median : 1.1282 e
spread : 0.063841 e
created : 2023-08-21T14:54:22



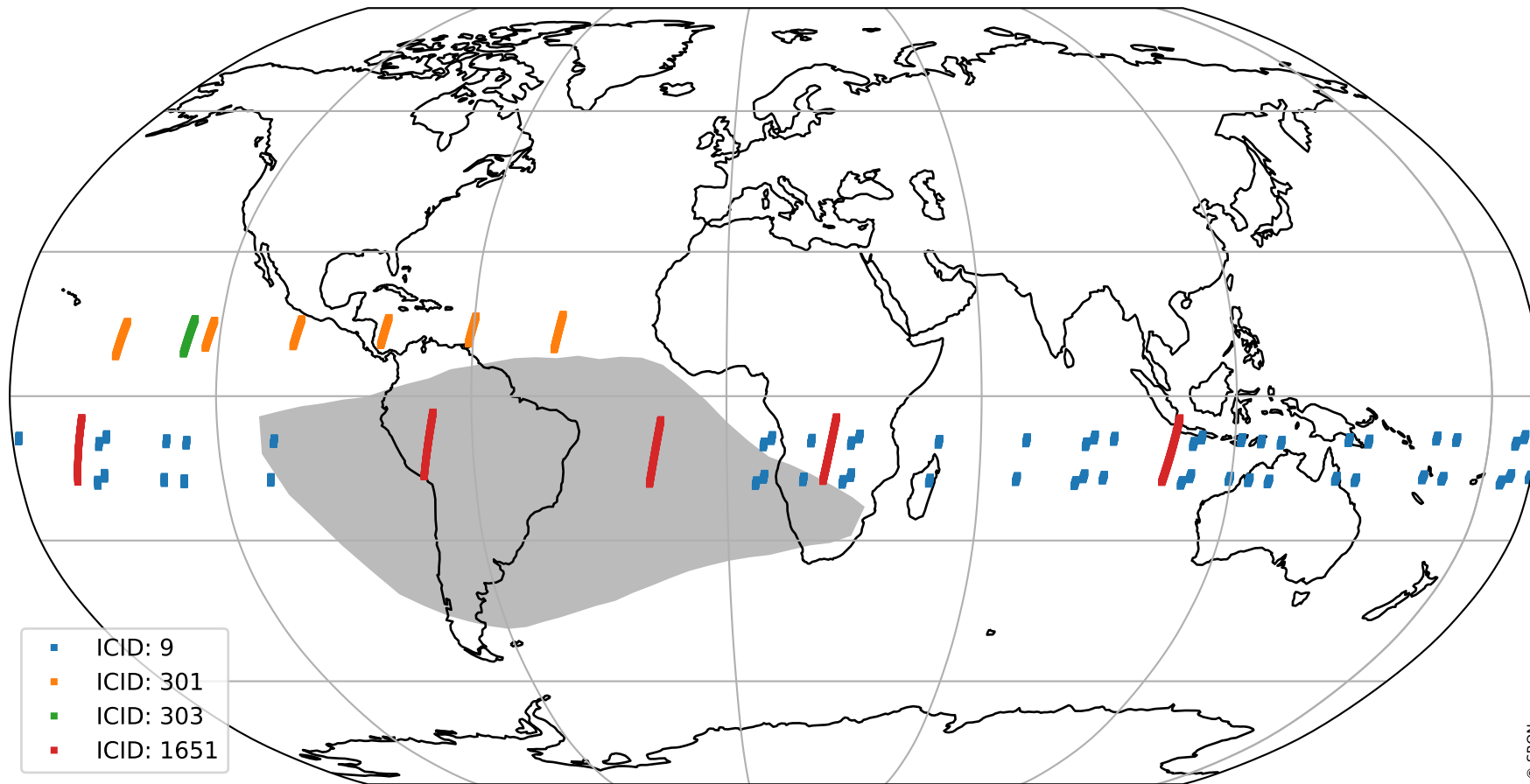
Tropomi SWIR background noise (swir)

orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
median : 0.94486
spread : 0.09694
created : 2023-08-21T14:54:23



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

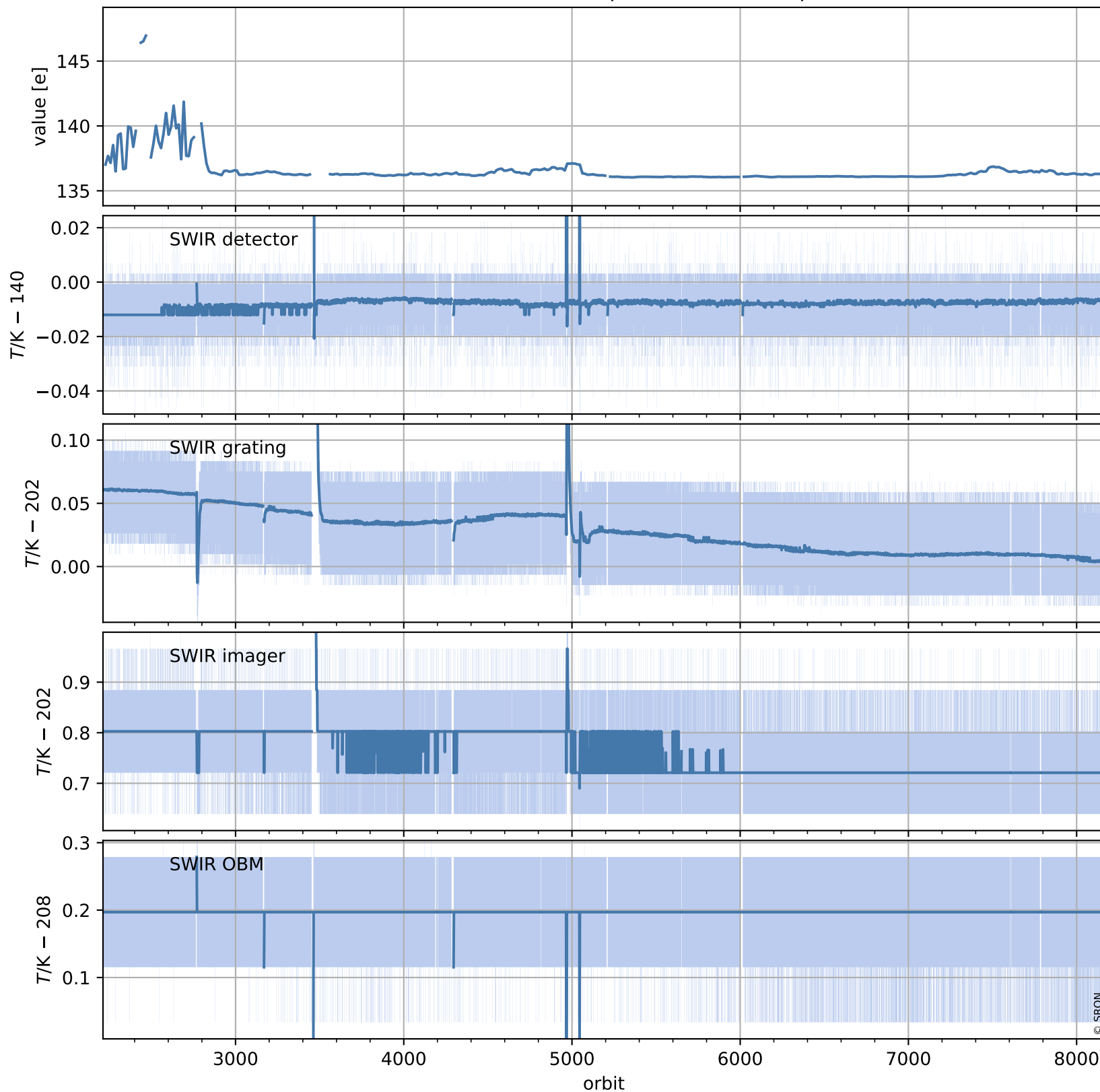
orbits : 12 in [8077, 8167]
coverage : 2019-05-06 / 2019-05-12
created : 2023-08-21T14:54:23



Tropomi SWIR background noise (swir)

orbits : [2212, 8167]
coverage : 2018-03-18 / 2019-05-12
created : 2023-08-21T14:54:24

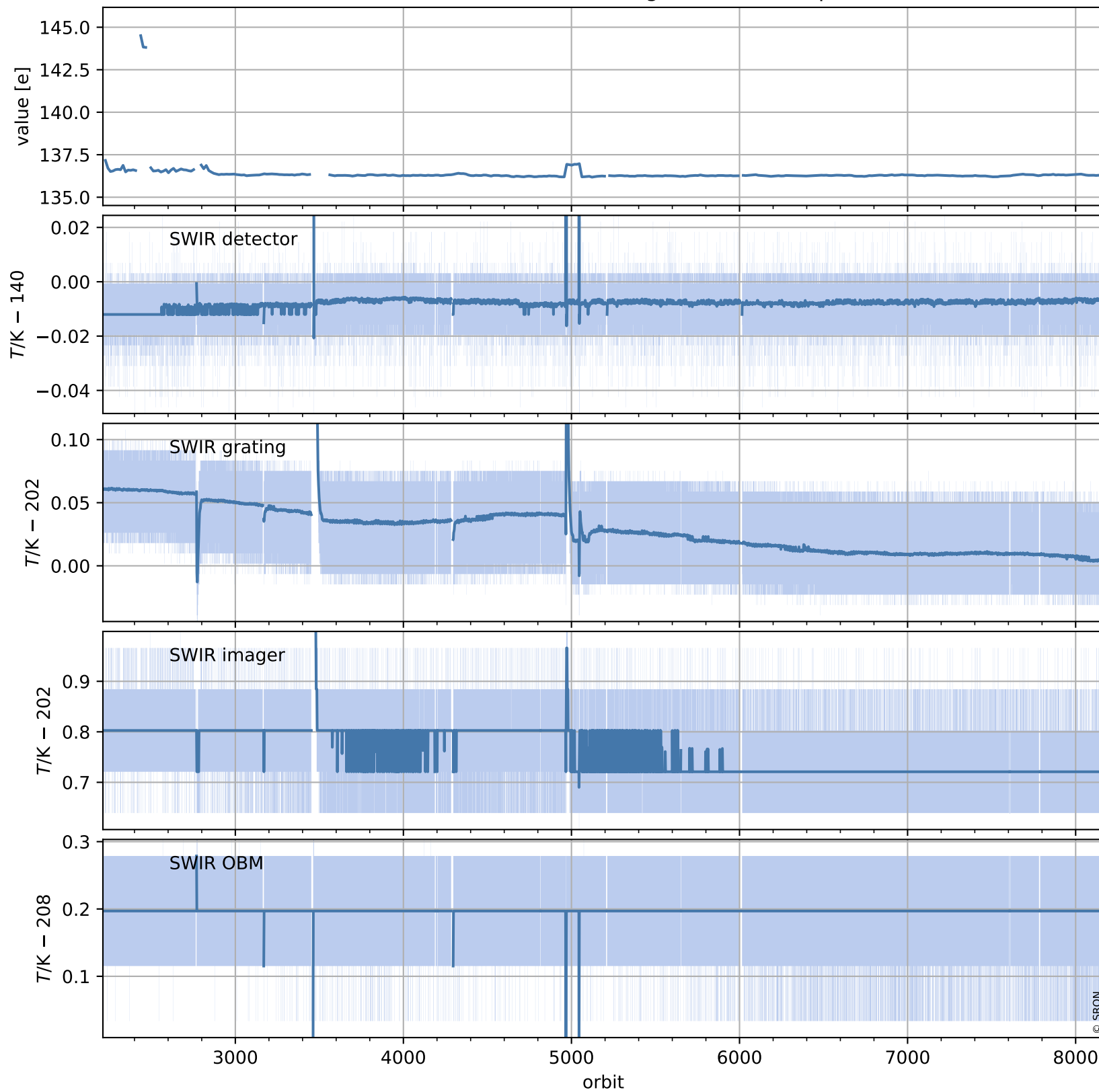
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8167]
coverage : 2018-03-18 / 2019-05-12
created : 2023-08-21T14:54:25

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8167]
coverage : 2018-03-18 / 2019-05-12
created : 2023-08-21T14:54:25

trend of normalized read-noise & temperatures

