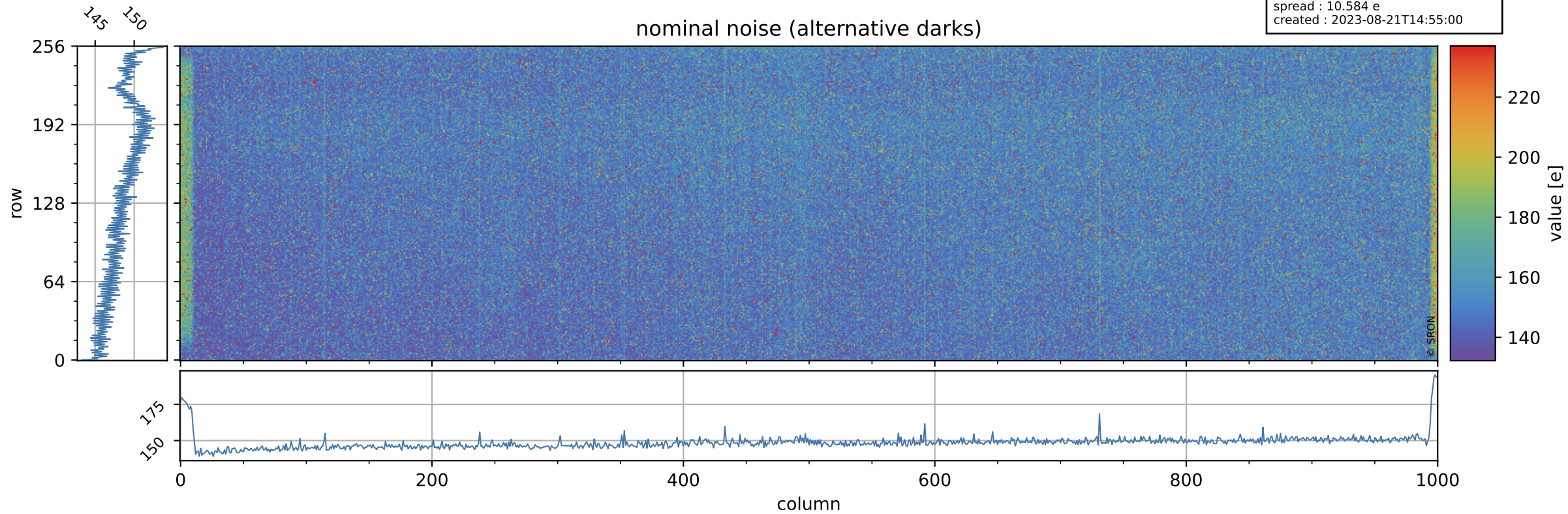


Tropomi SWIR background noise (swir)

orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
n_coad, t_exp : 1, 1.0783
median : 148.4 e
spread : 10.584 e
created : 2023-08-21T14:55:00

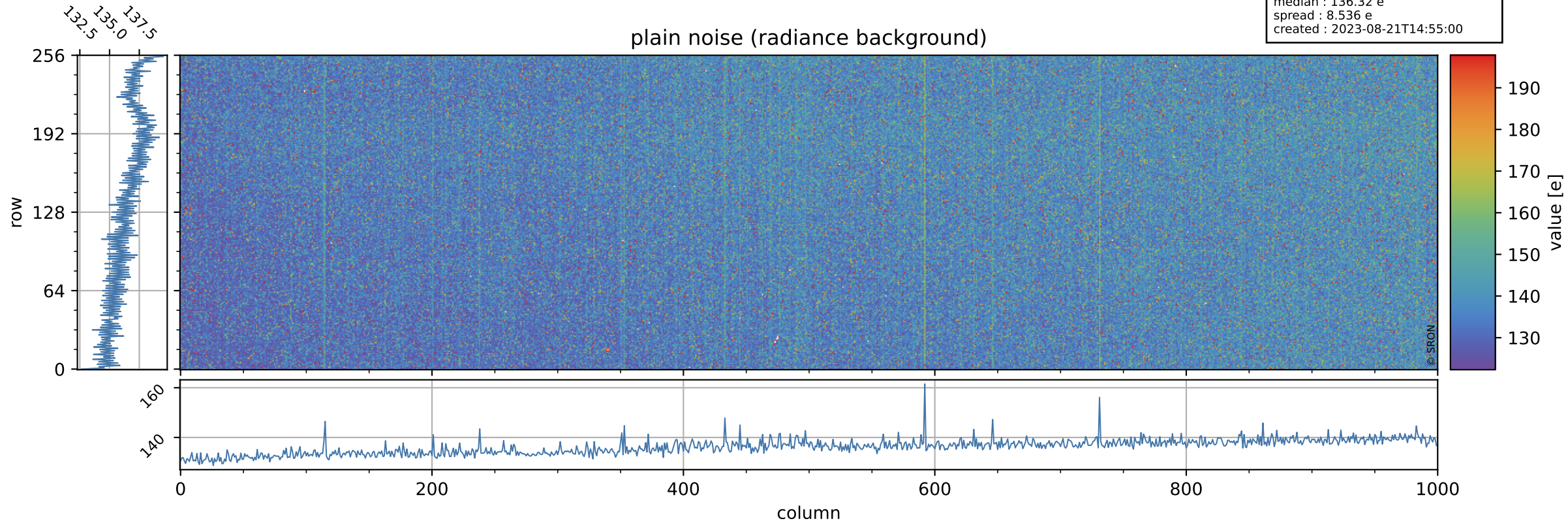
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

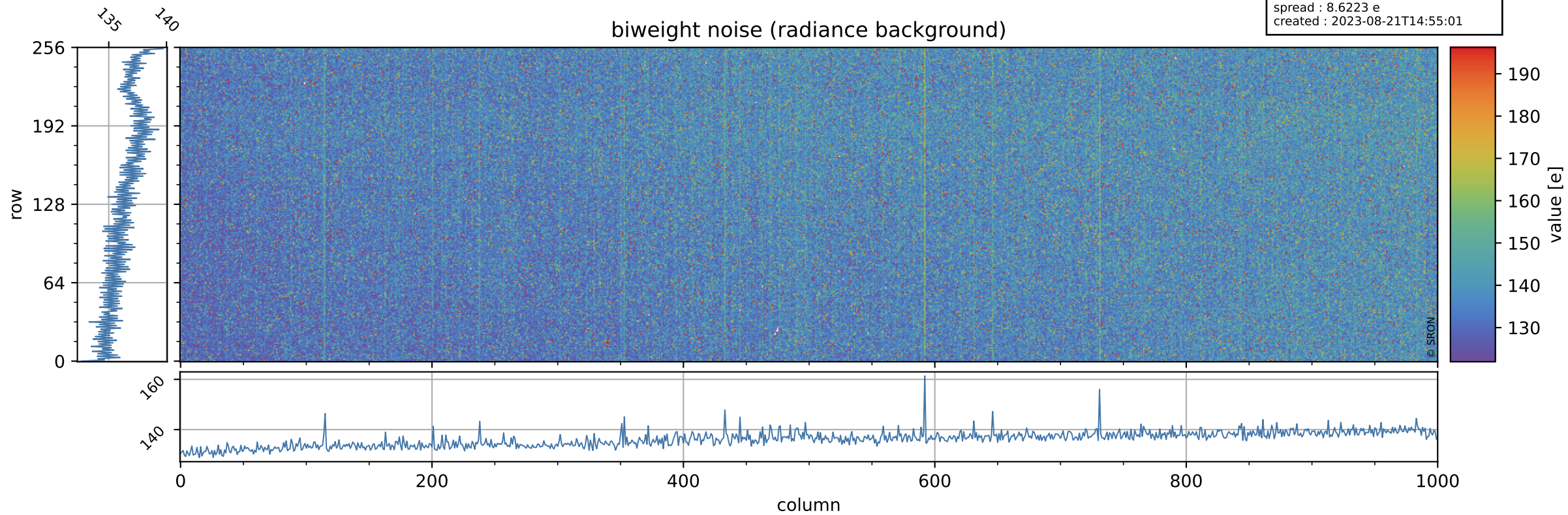
orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
n_coad, t_exp : 2, 0.5383
median : 136.32 e
spread : 8.536 e
created : 2023-08-21T14:55:00

plain noise (radiance background)



Tropomi SWIR background noise (swir)

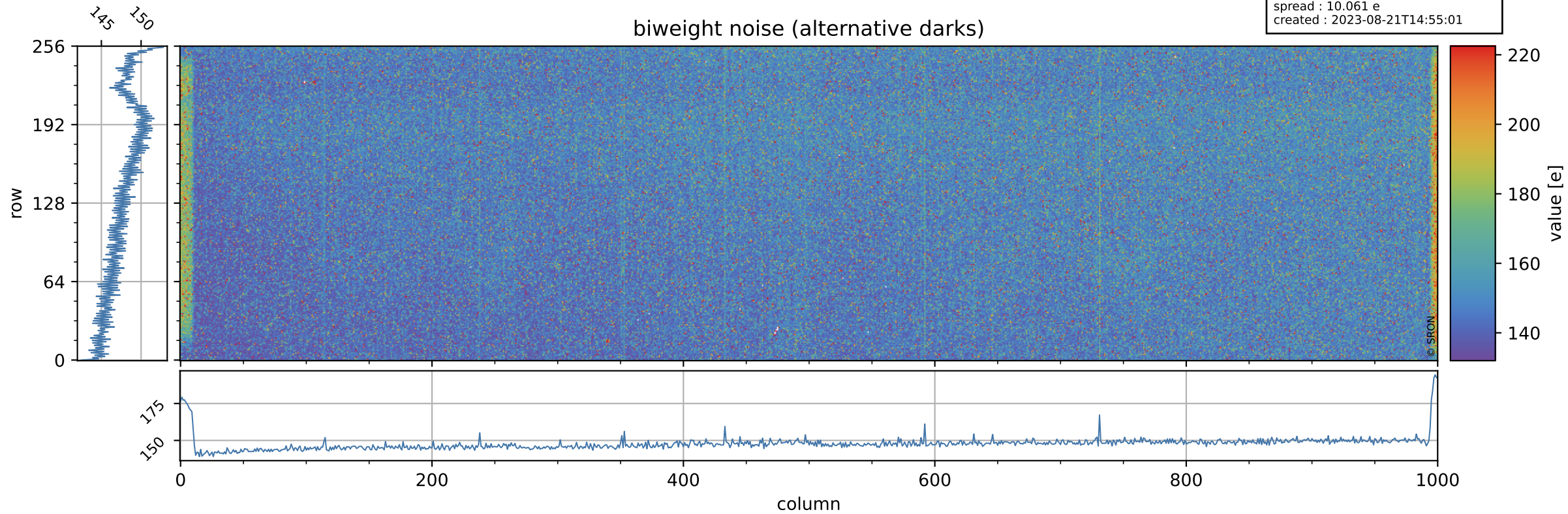
orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
n_coad, t_exp : 2, 0.5383
median : 136.28 e
spread : 8.6223 e
created : 2023-08-21T14:55:01



Tropomi SWIR background noise (swir)

orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.061 e
created : 2023-08-21T14:55:01

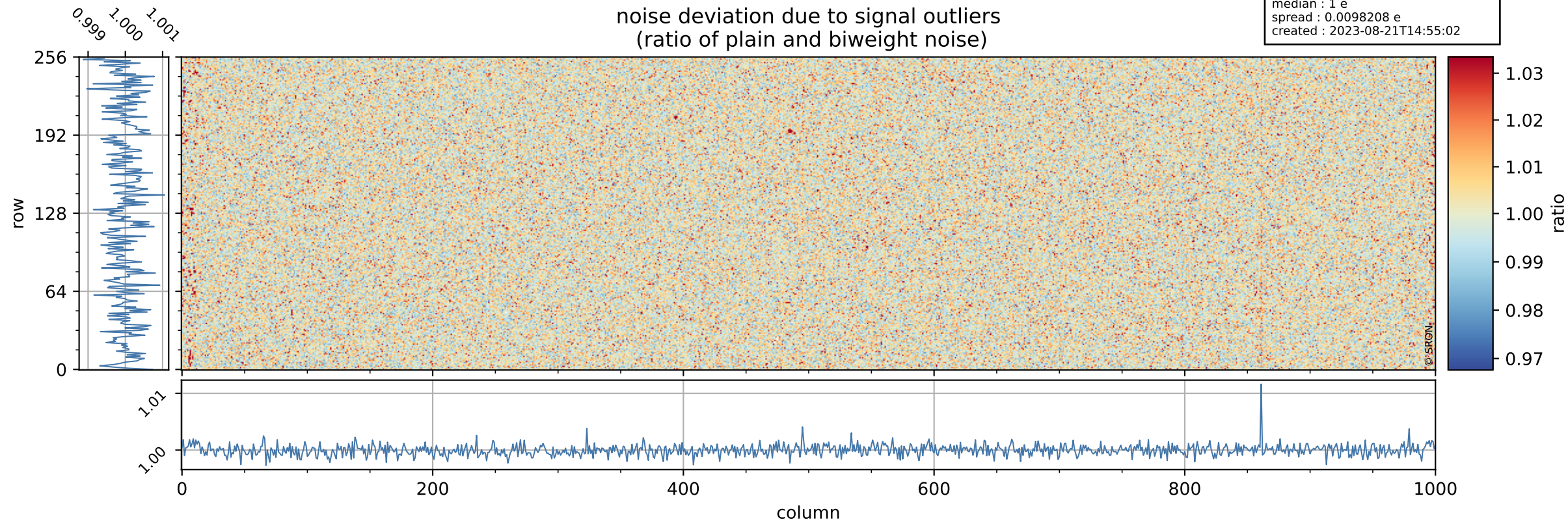
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

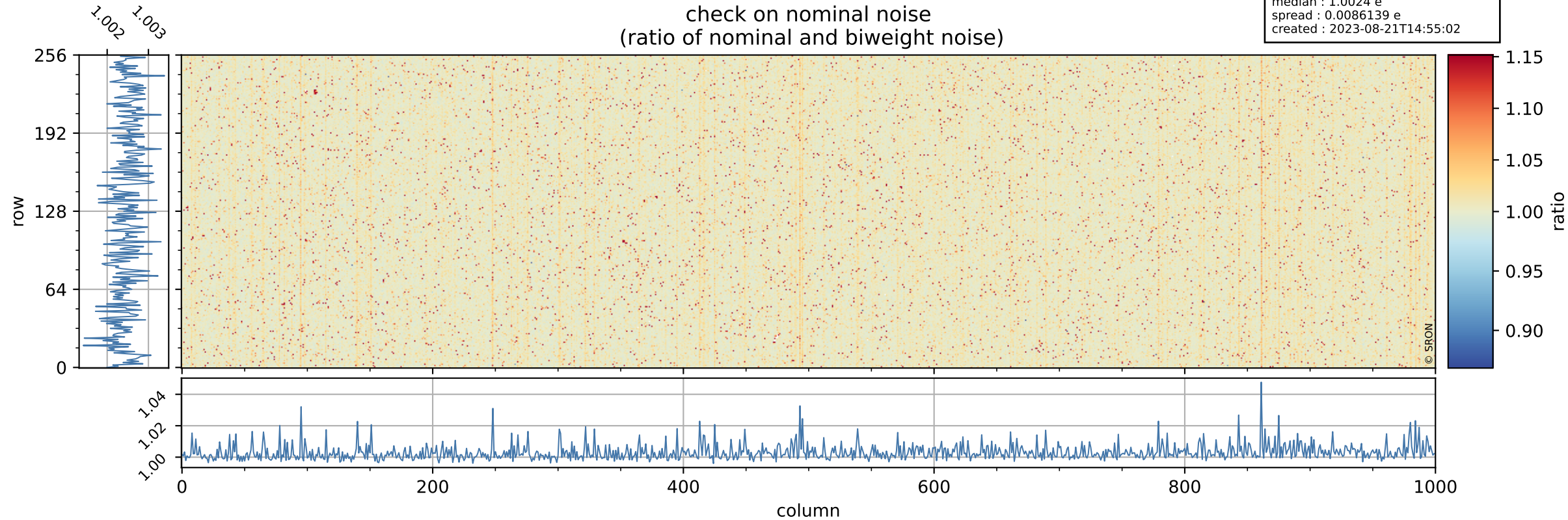
orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
median : 1 e
spread : 0.0098208 e
created : 2023-08-21T14:55:02



Tropomi SWIR background noise (swir)

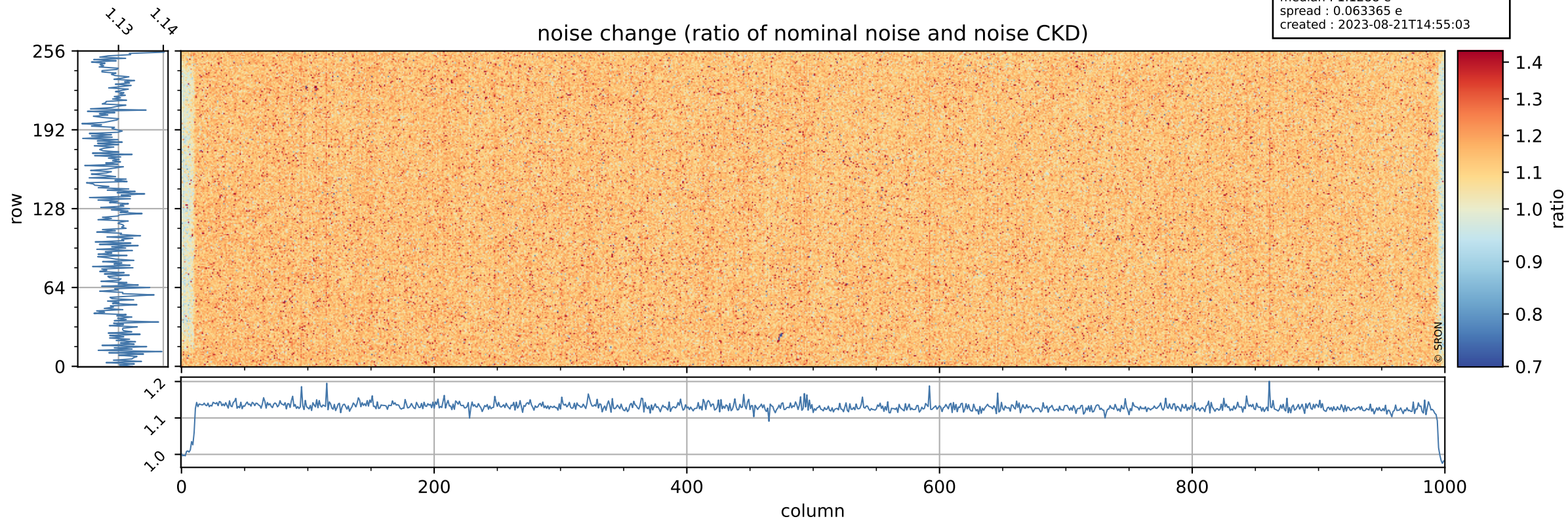
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
median : 1.0024 e
spread : 0.0086139 e
created : 2023-08-21T14:55:02



Tropomi SWIR background noise (swir)

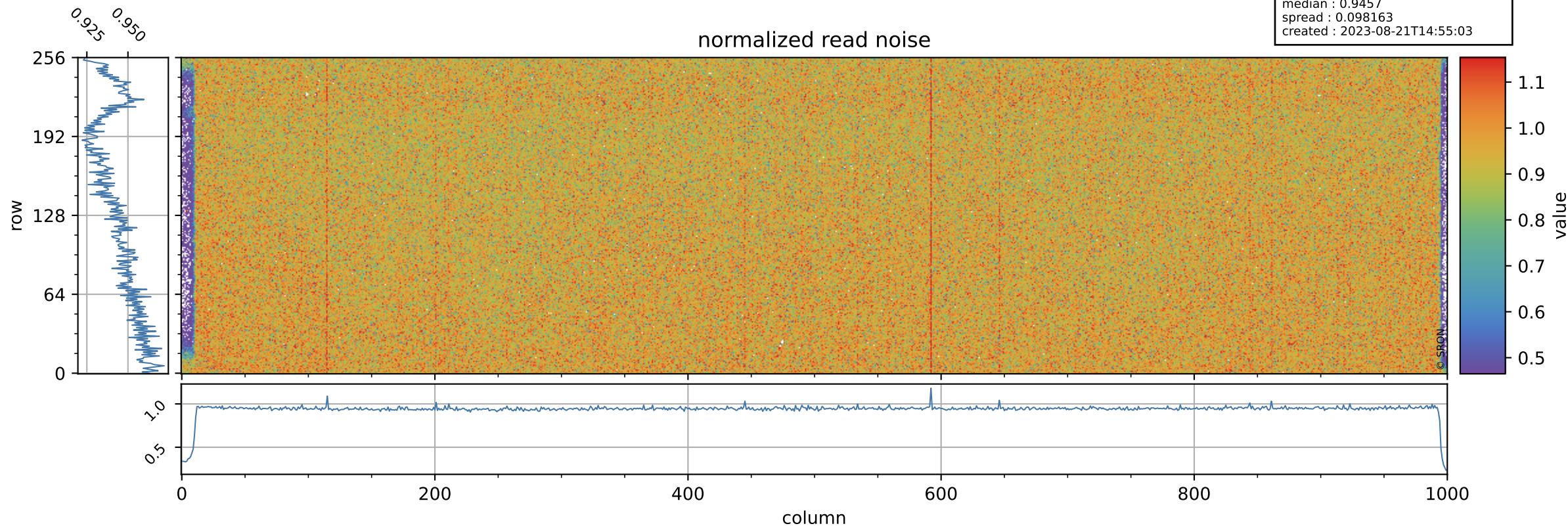
orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
median : 1.1288 e
spread : 0.063365 e
created : 2023-08-21T14:55:03



Tropomi SWIR background noise (swir)

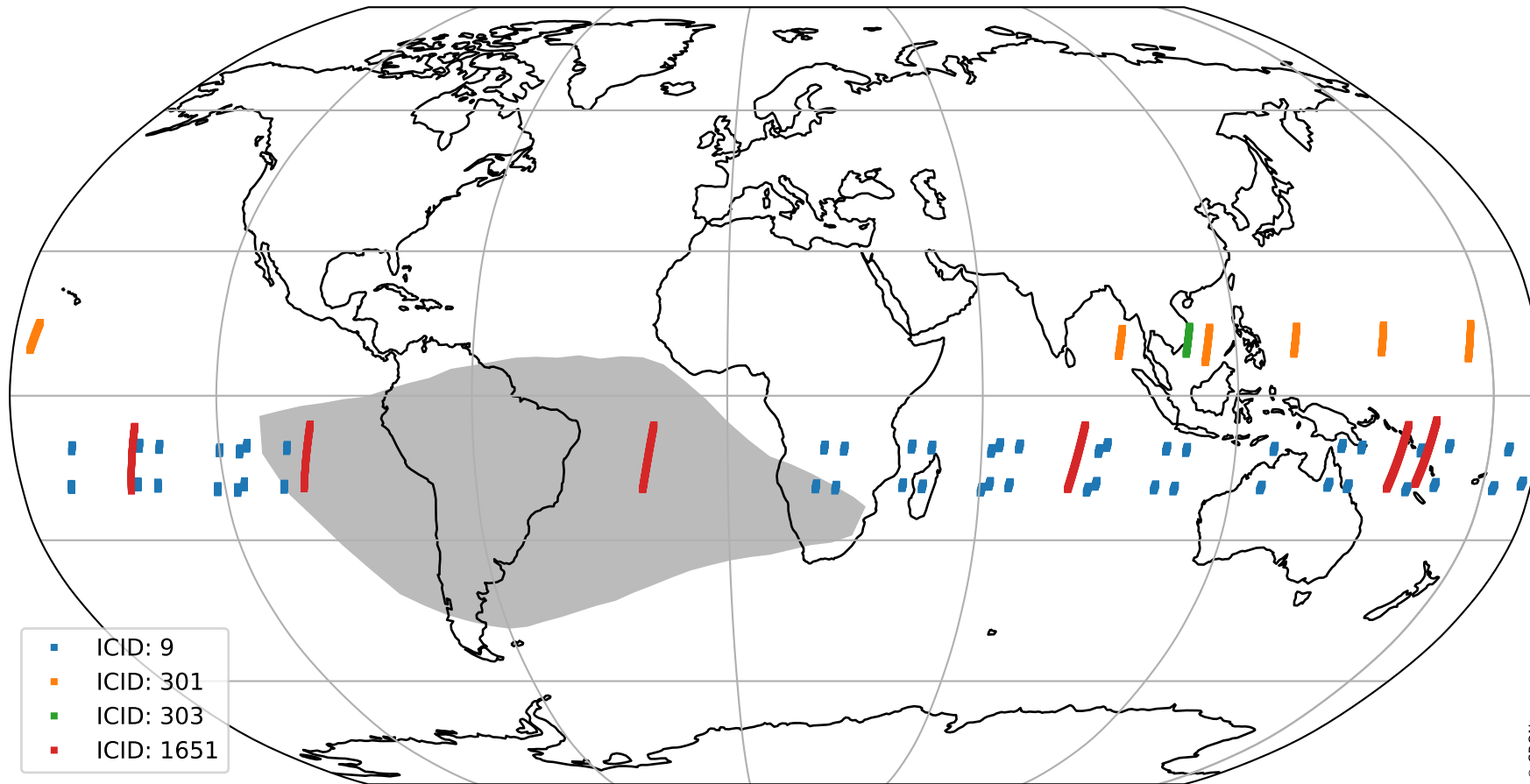
orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
median : 0.9457
spread : 0.098163
created : 2023-08-21T14:55:03

normalized read noise



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

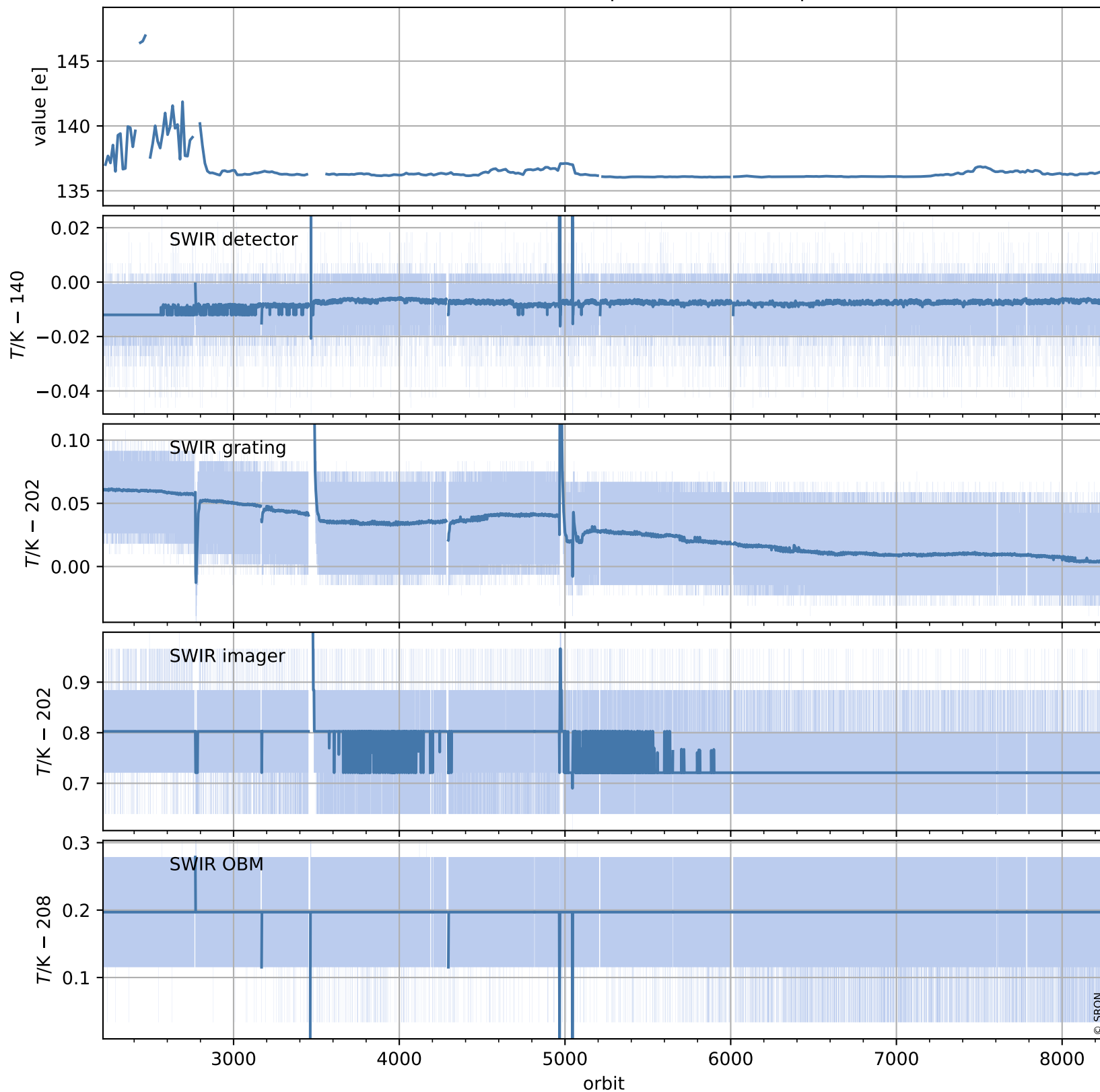
orbits : 13 in [8167, 8257]
coverage : 2019-05-12 / 2019-05-18
created : 2023-08-21T14:55:04



Tropomi SWIR background noise (swir)

orbits : [2212, 8257]
coverage : 2018-03-18 / 2019-05-18
created : 2023-08-21T14:55:04

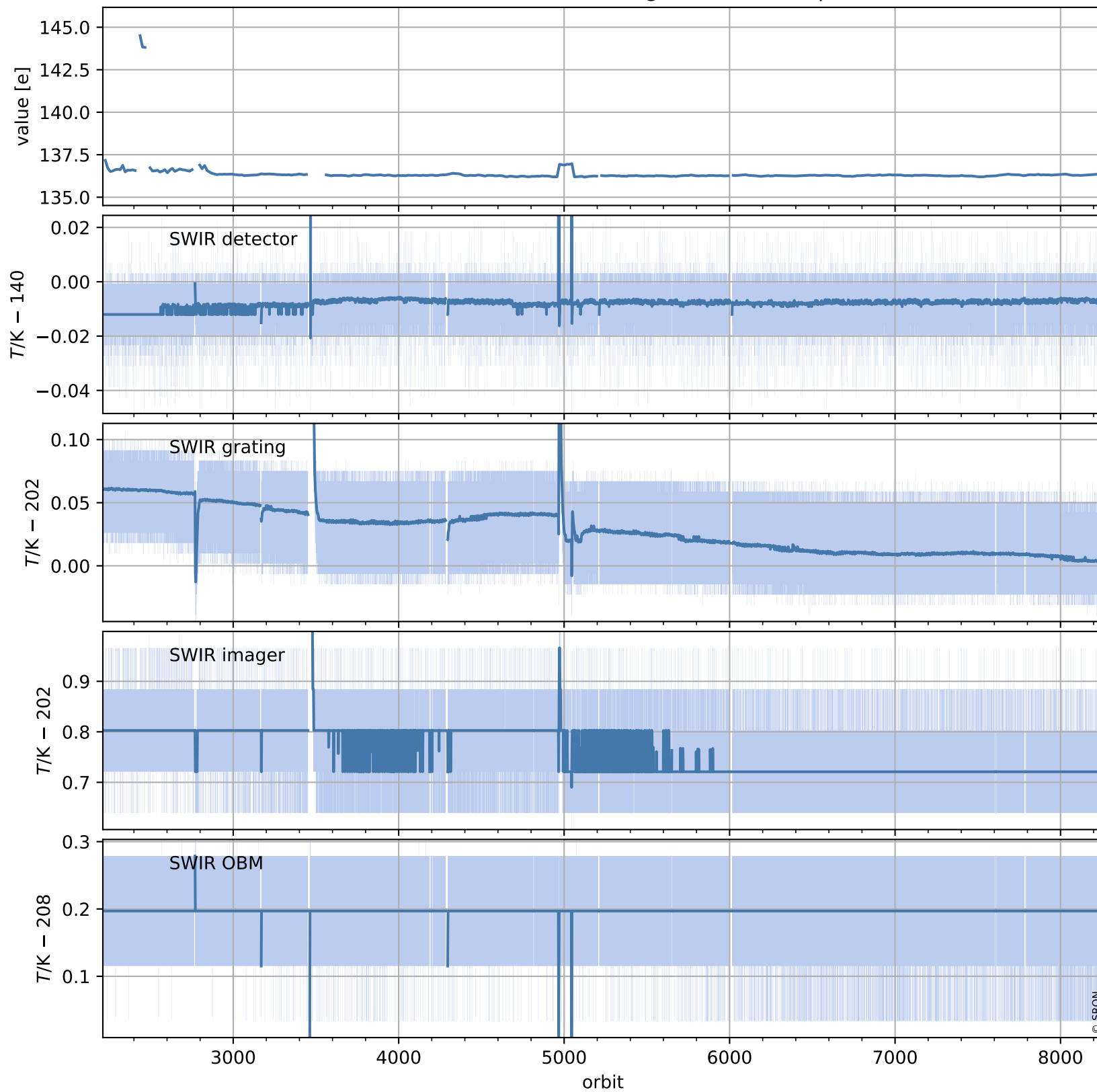
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8257]
coverage : 2018-03-18 / 2019-05-18
created : 2023-08-21T14:55:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8257]
coverage : 2018-03-18 / 2019-05-18
created : 2023-08-21T14:55:06

trend of normalized read-noise & temperatures

