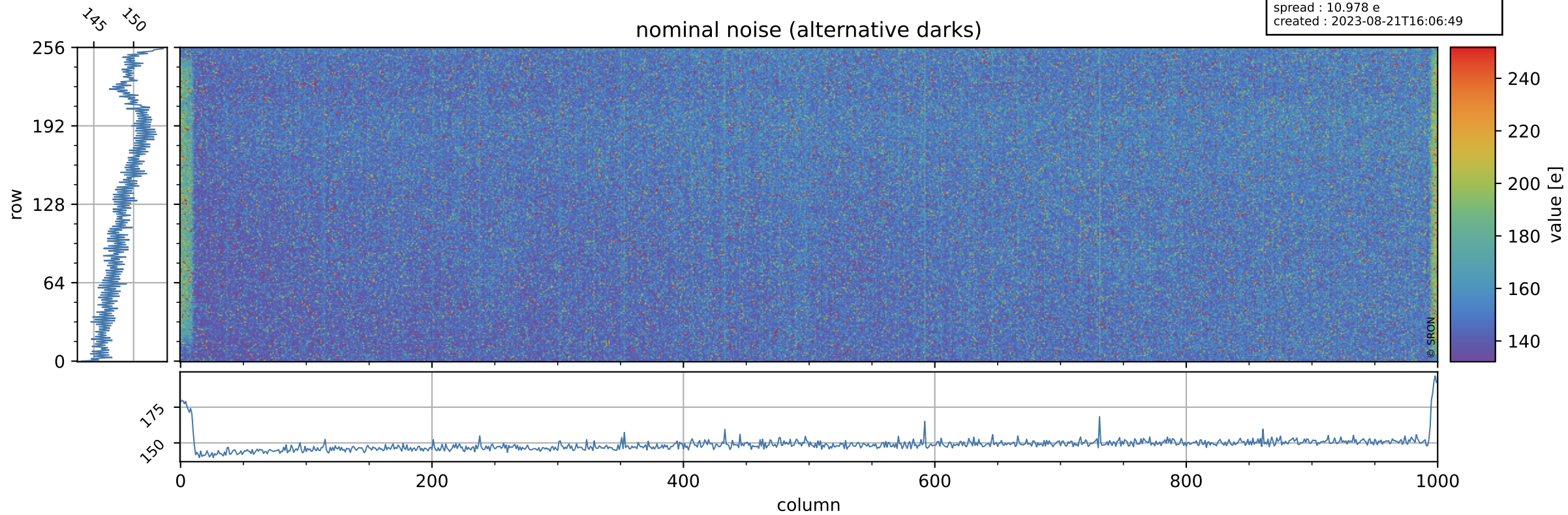


Tropomi SWIR background noise (swir)

orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
n_coad, t_exp : 1, 1.0783
median : 148.64 e
spread : 10.978 e
created : 2023-08-21T16:06:49

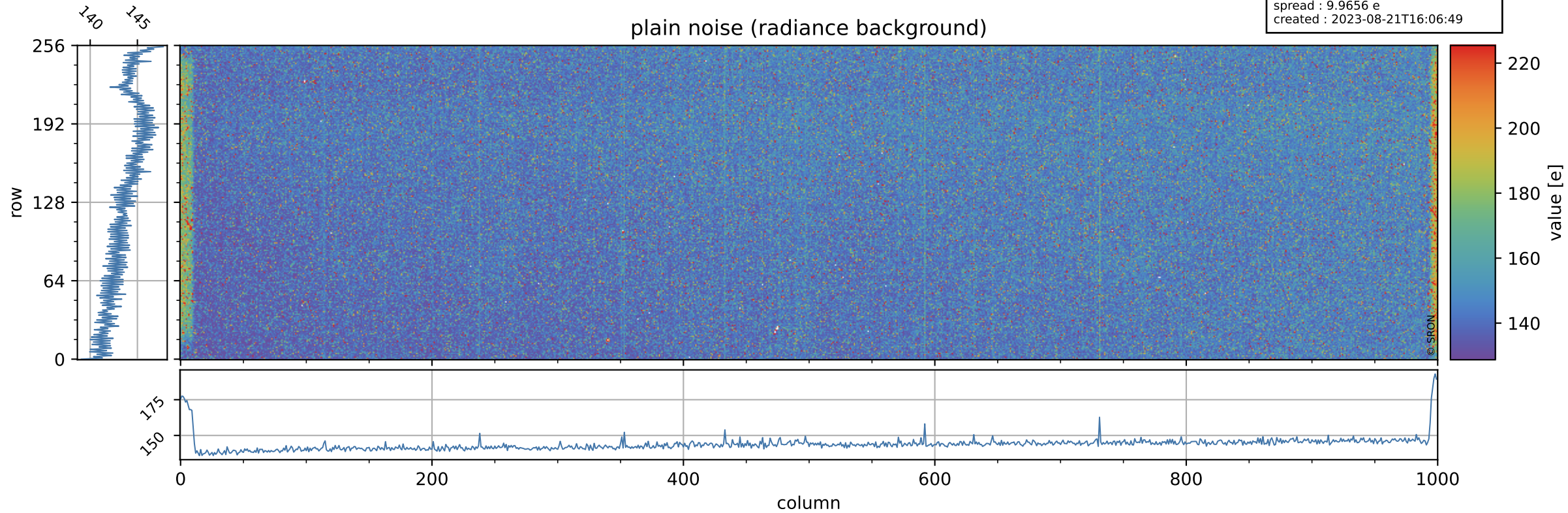
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
n_coad, t_exp : 1, 0.8383
median : 143.6 e
spread : 9.9656 e
created : 2023-08-21T16:06:49

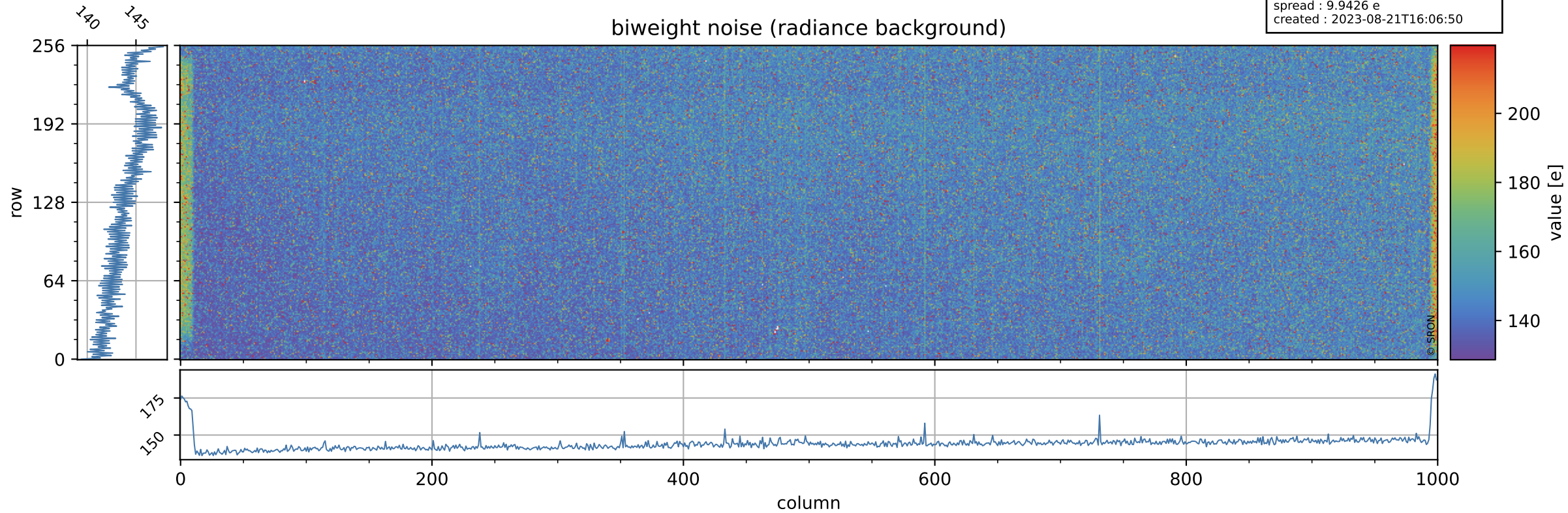
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
n_coad, t_exp : 1, 0.8383
median : 143.79 e
spread : 9.9426 e
created : 2023-08-21T16:06:50

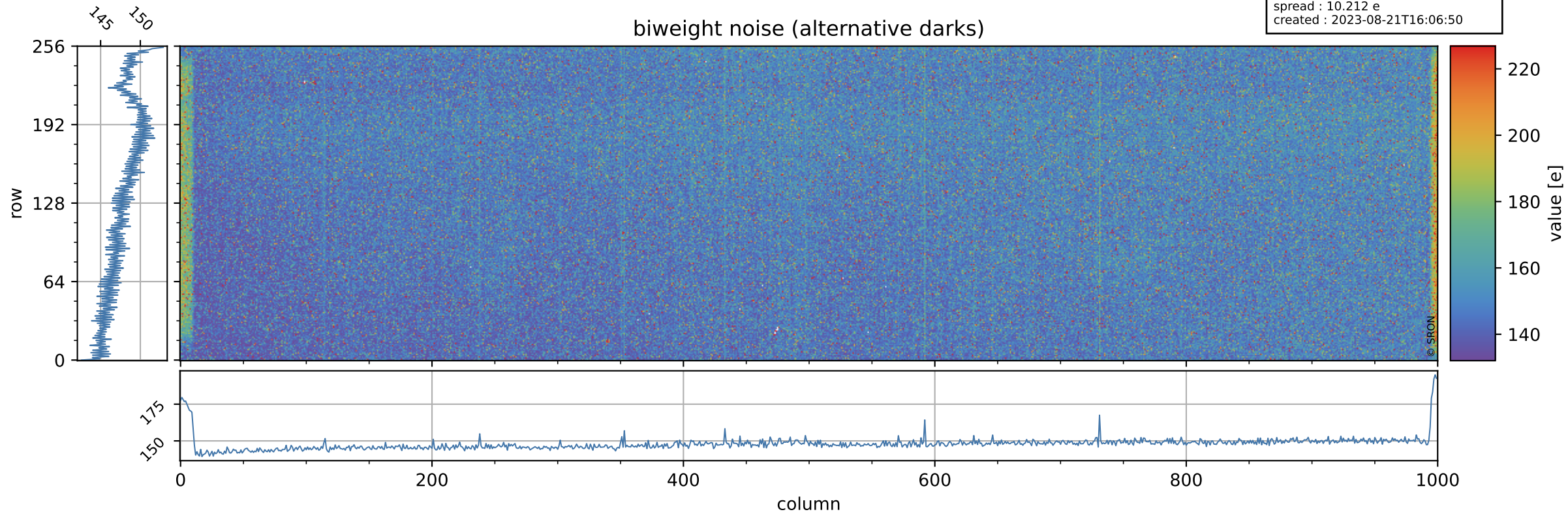
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
n_coad, t_exp : 1, 1.0783
median : 147.75 e
spread : 10.212 e
created : 2023-08-21T16:06:50

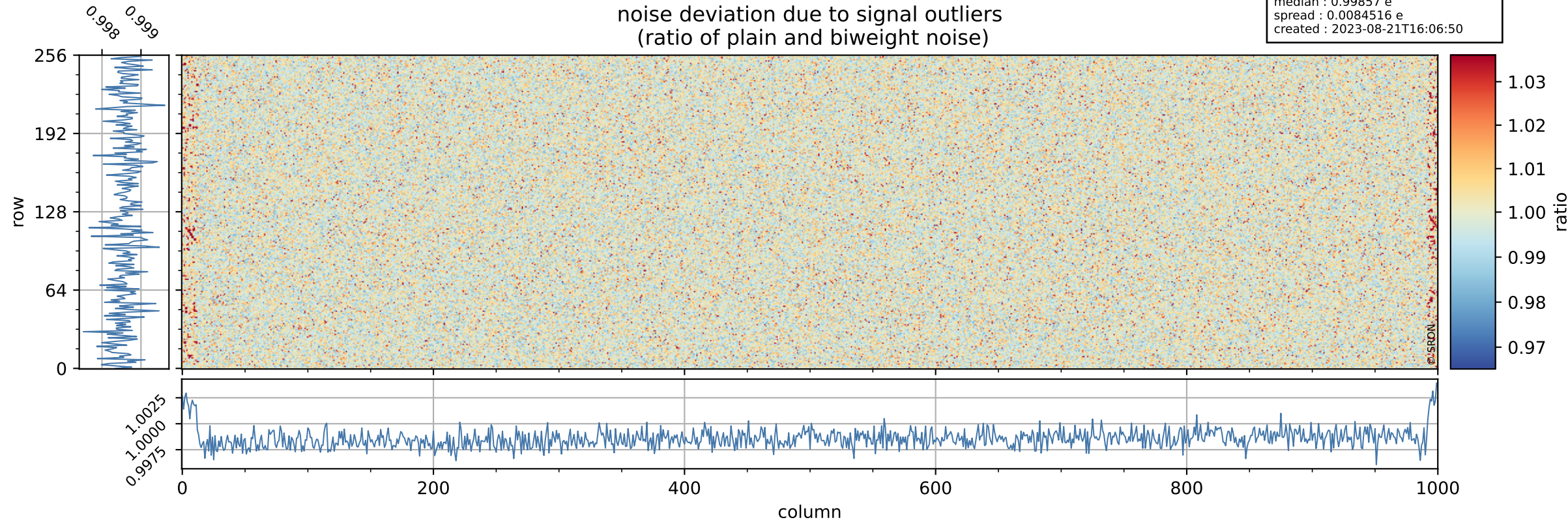
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

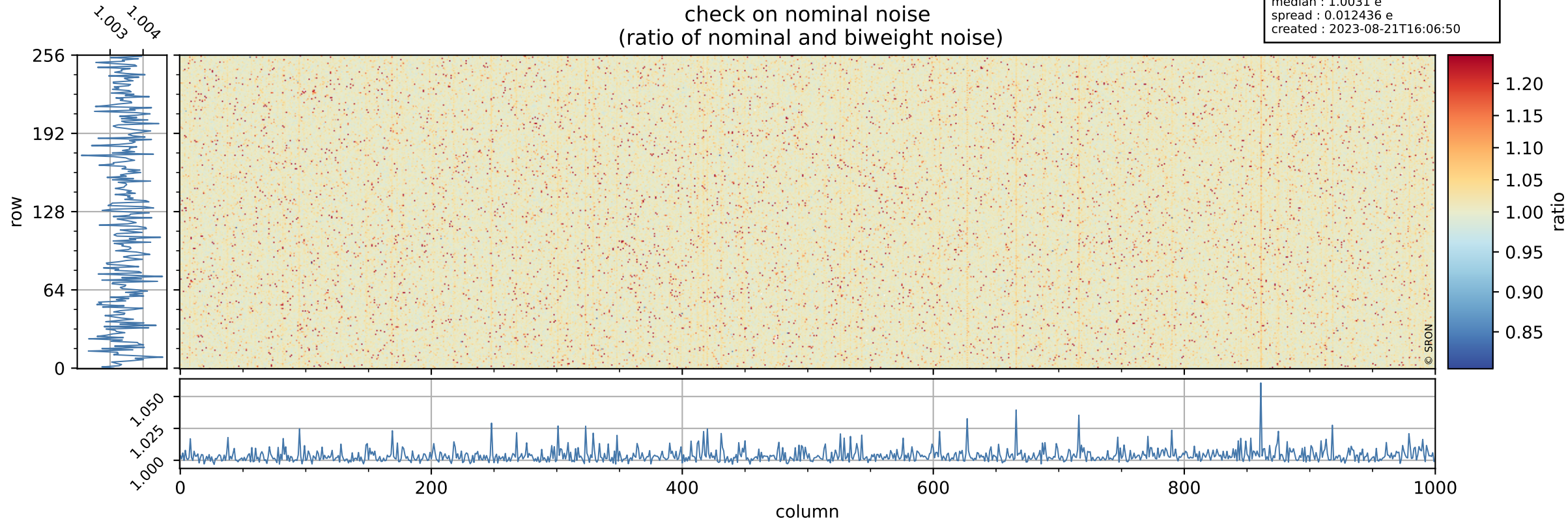
orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
median : 0.99857 e
spread : 0.0084516 e
created : 2023-08-21T16:06:50



Tropomi SWIR background noise (swir)

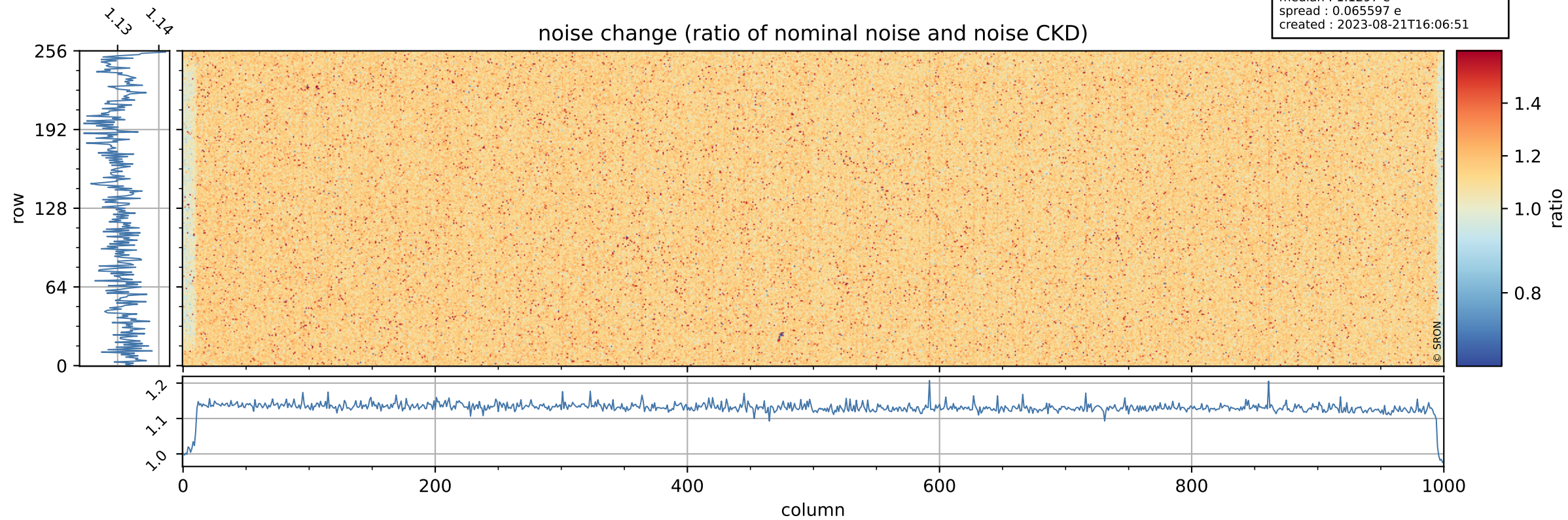
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
median : 1.0031 e
spread : 0.012436 e
created : 2023-08-21T16:06:50



Tropomi SWIR background noise (swir)

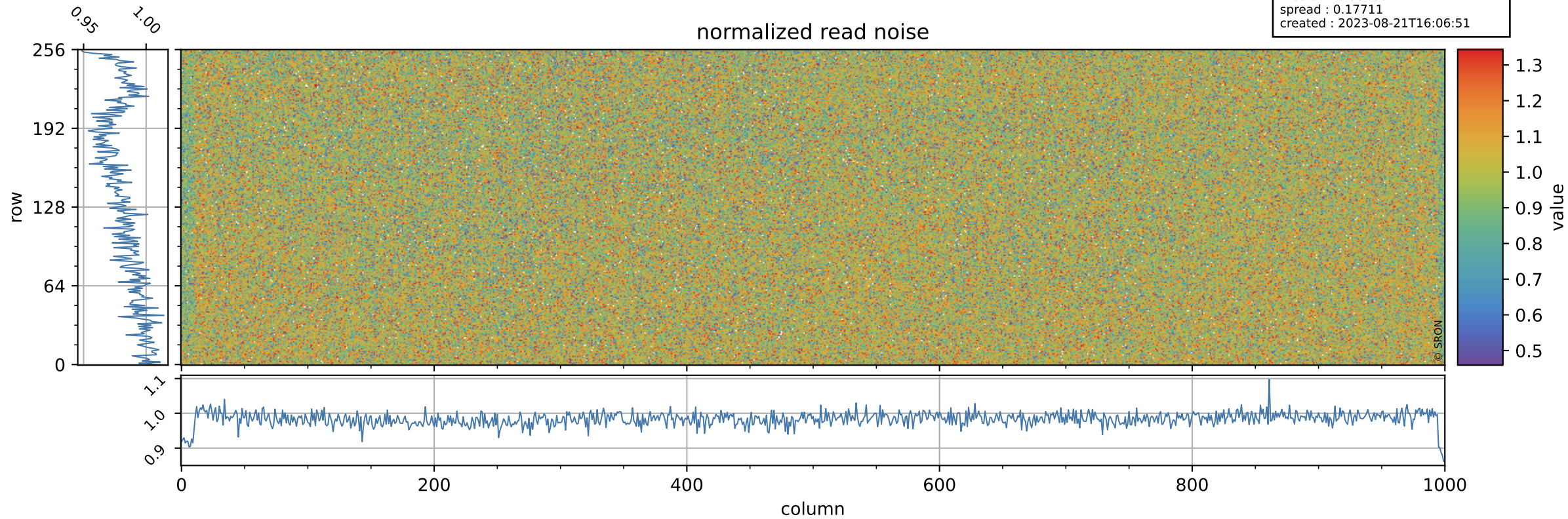
orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
median : 1.1297 e
spread : 0.065597 e
created : 2023-08-21T16:06:51



Tropomi SWIR background noise (swir)

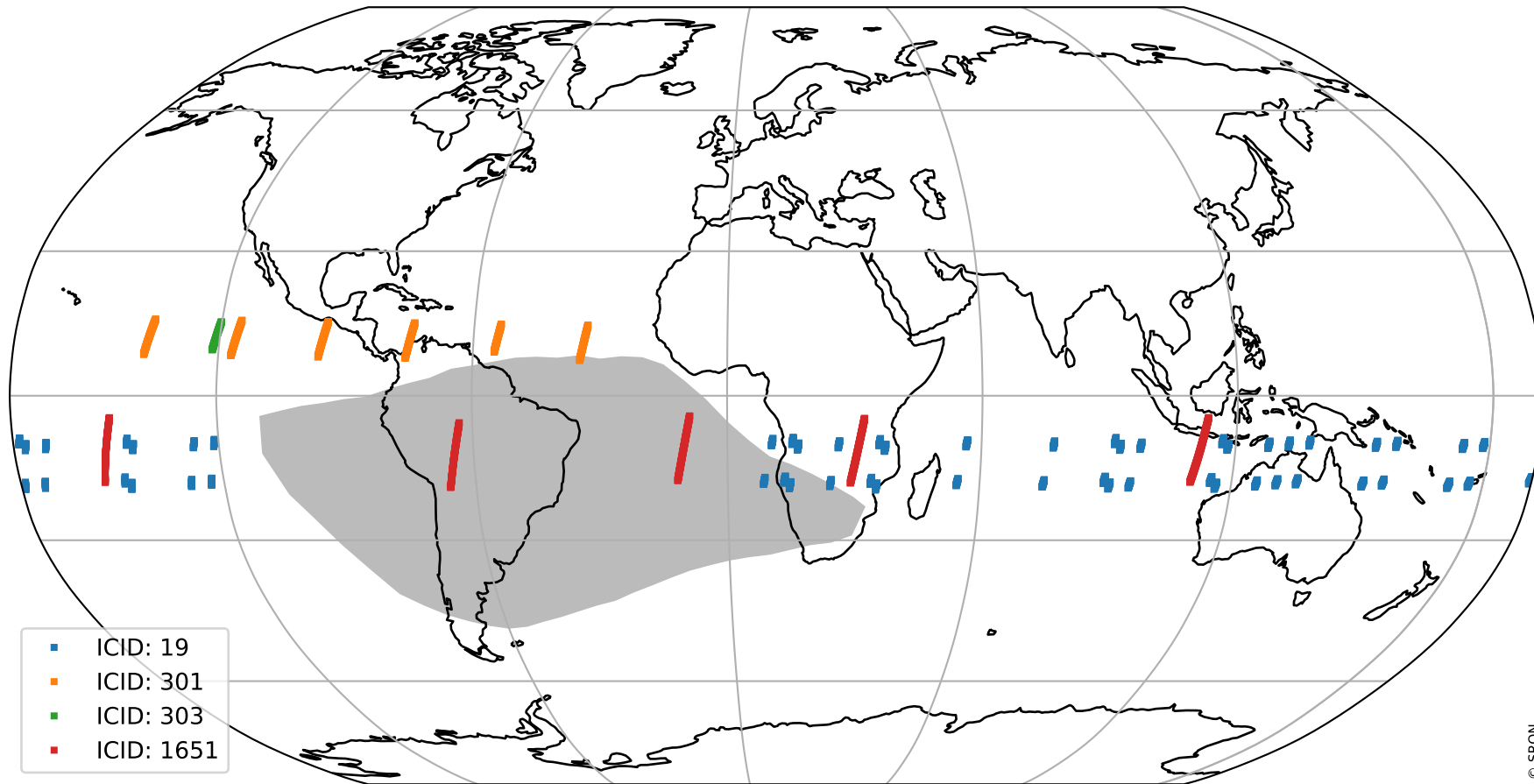
orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
median : 0.98206
spread : 0.17711
created : 2023-08-21T16:06:51

normalized read noise



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

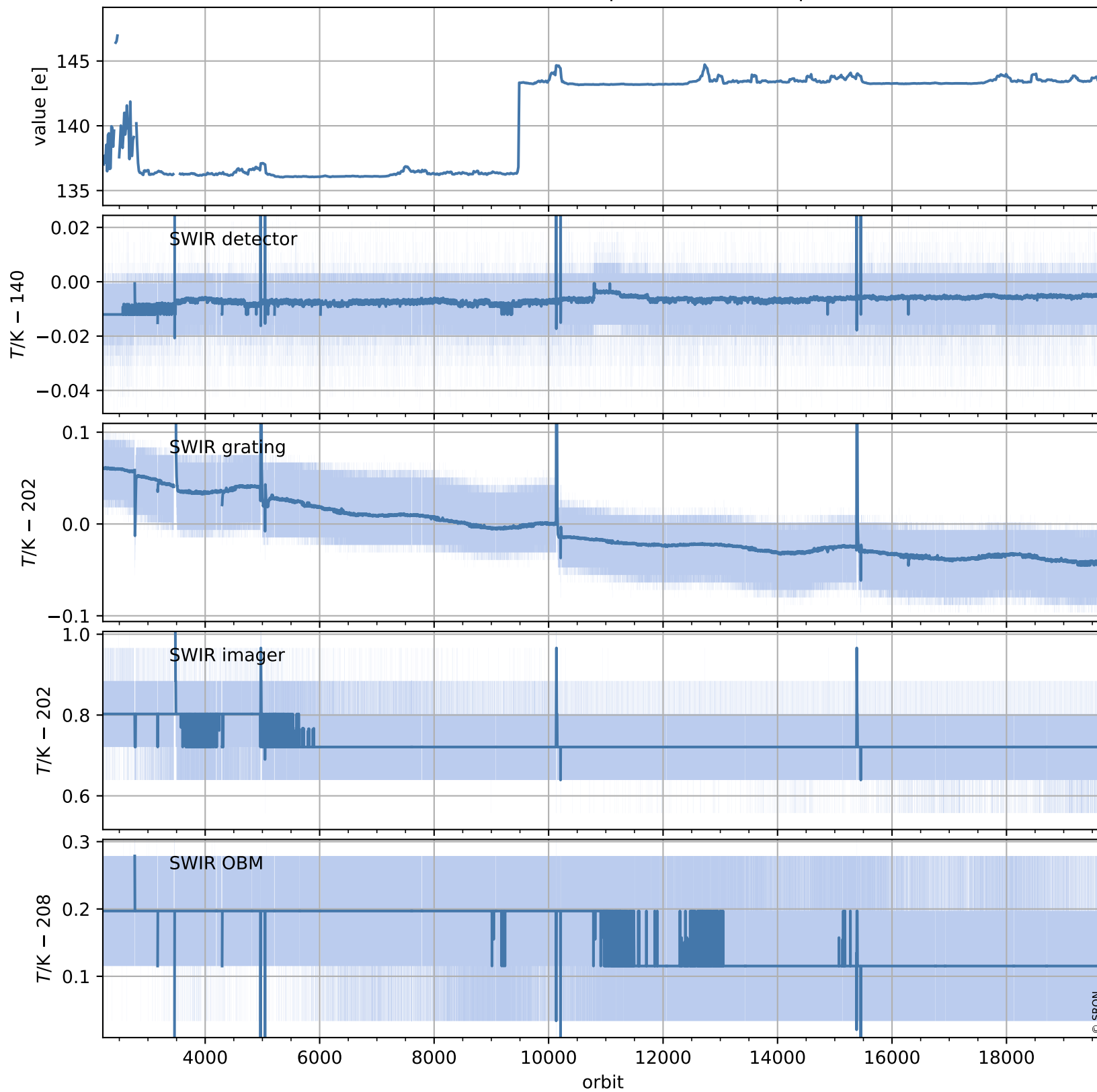
orbits : 12 in [19597, 19687]
coverage : 2021-07-26 / 2021-08-01
created : 2023-08-21T16:06:52



Tropomi SWIR background noise (swir)

orbits : [2212, 19687]
coverage : 2018-03-18 / 2021-08-01
created : 2023-08-21T16:06:52

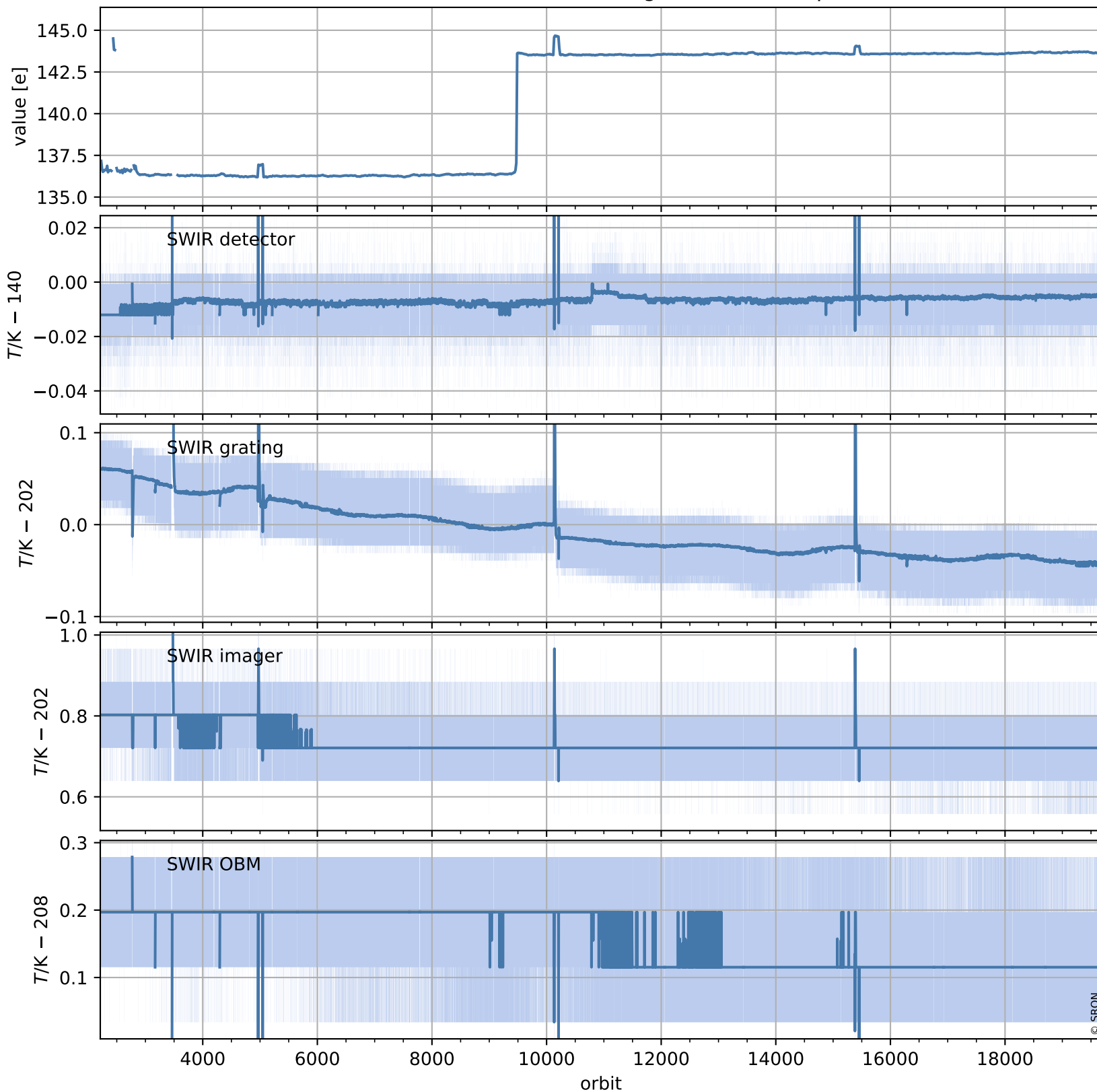
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19687]
coverage : 2018-03-18 / 2021-08-01
created : 2023-08-21T16:06:53

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 19687]
coverage : 2018-03-18 / 2021-08-01
created : 2023-08-21T16:06:53

trend of normalized read-noise & temperatures

