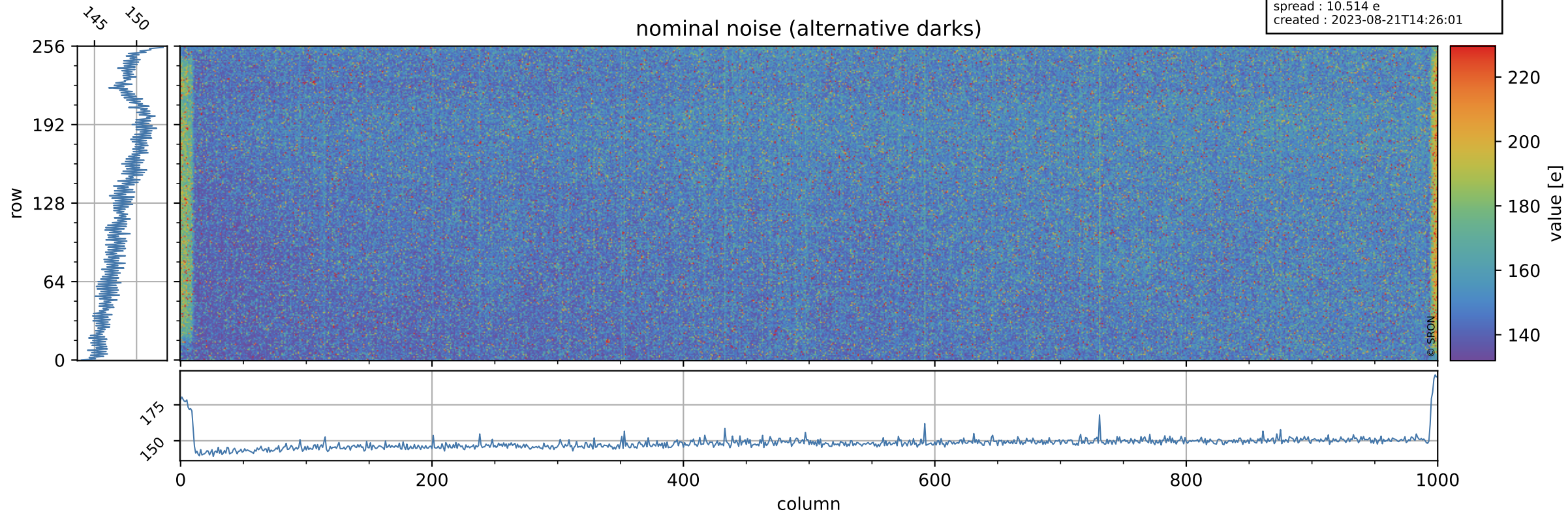


Tropomi SWIR background noise (swir)

orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.514 e
created : 2023-08-21T14:26:01

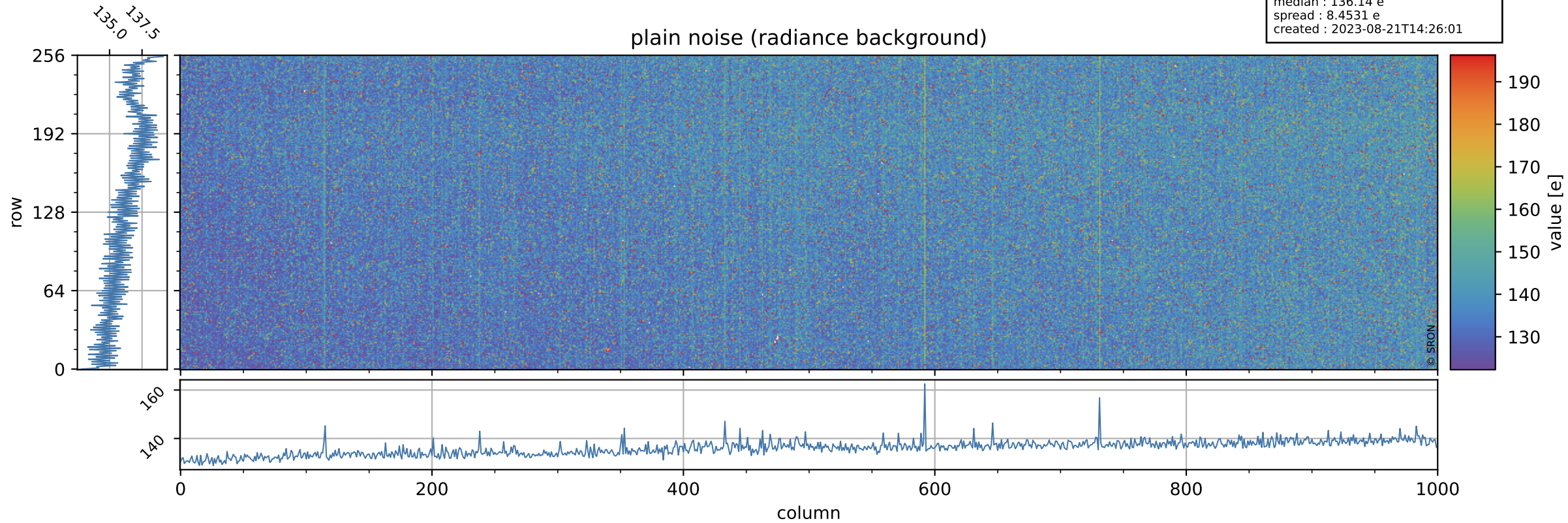
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
n_coad, t_exp : 2, 0.5383
median : 136.14 e
spread : 8.4531 e
created : 2023-08-21T14:26:01

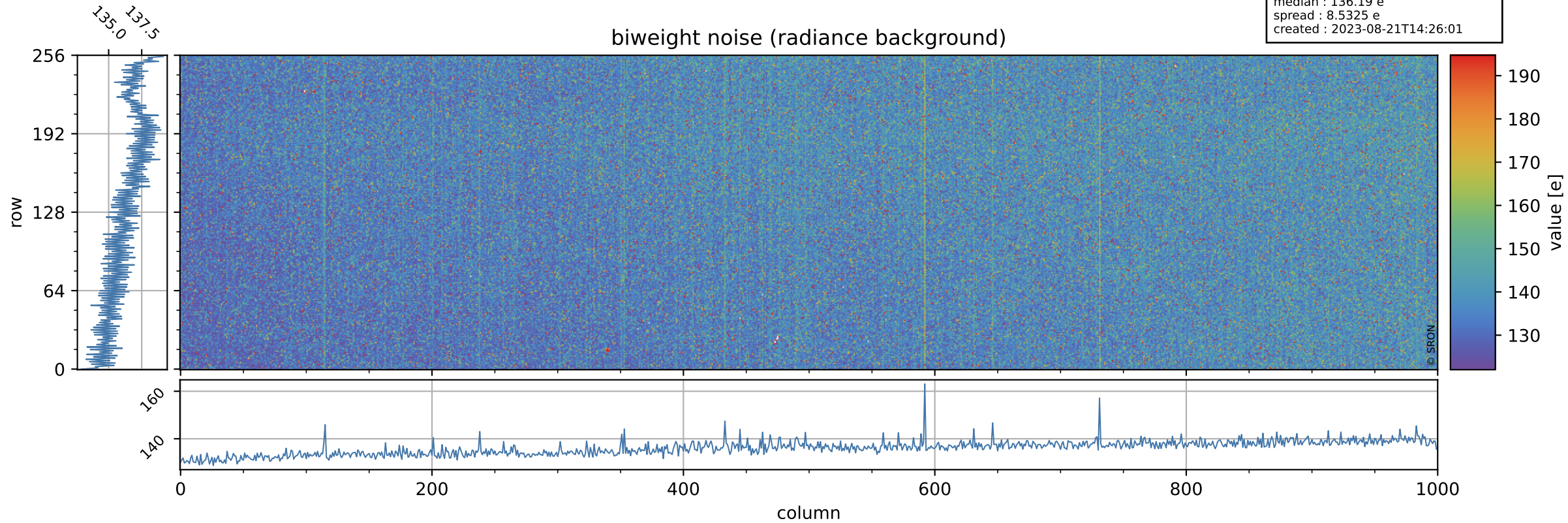
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.5325 e
created : 2023-08-21T14:26:01

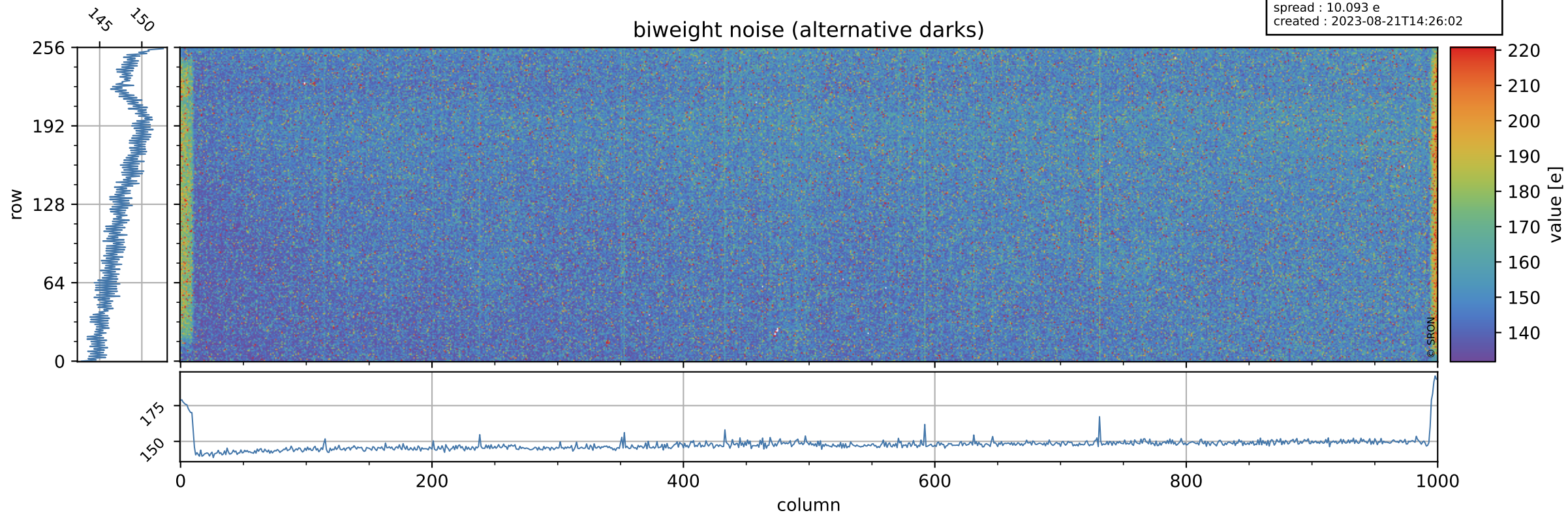
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
n_coad, t_exp : 1, 1.0783
median : 147.5 e
spread : 10.093 e
created : 2023-08-21T14:26:02

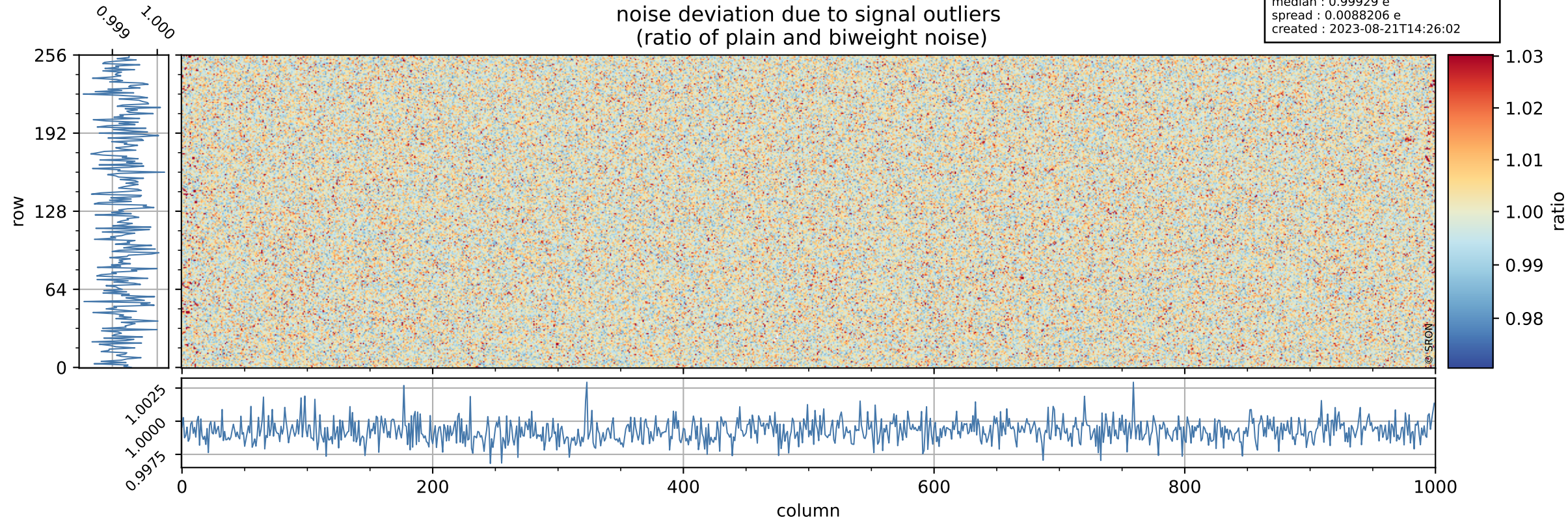
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

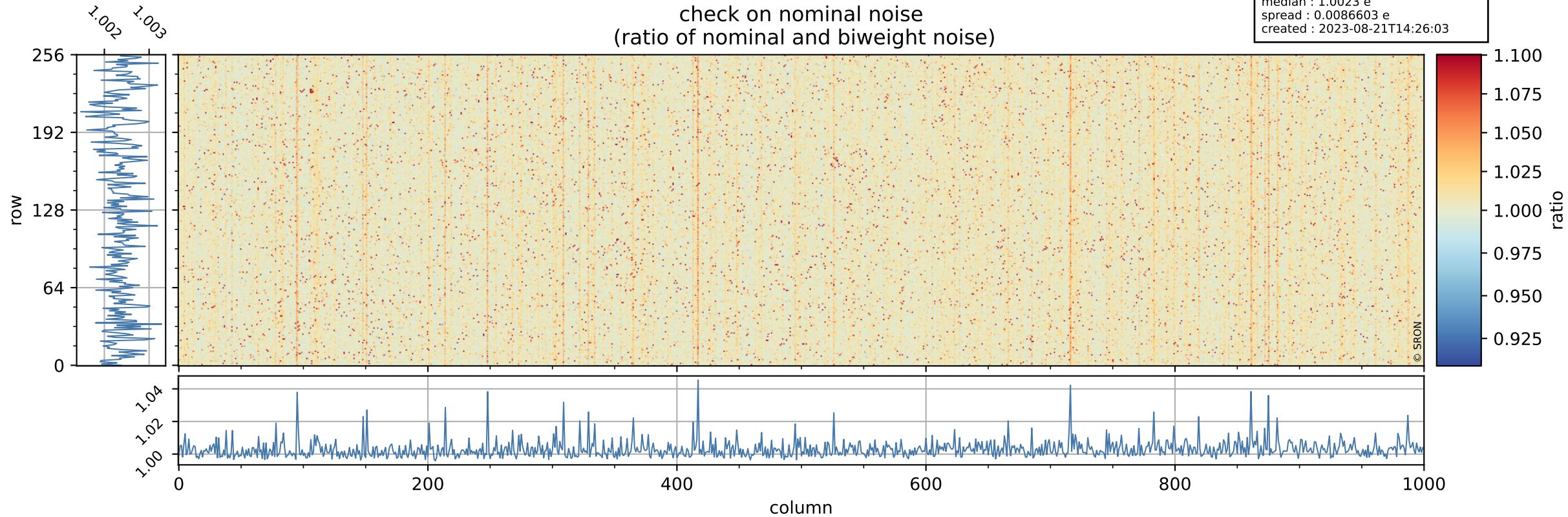
orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
median : 0.99929 e
spread : 0.0088206 e
created : 2023-08-21T14:26:02



Tropomi SWIR background noise (swir)

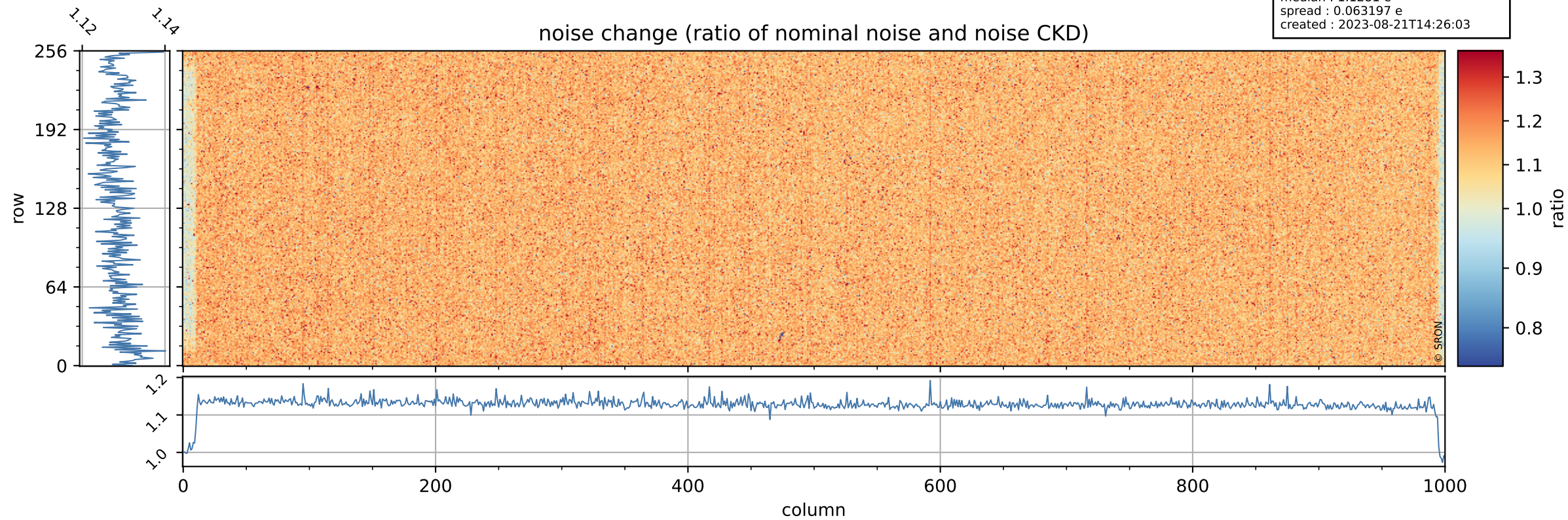
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
median : 1.0023 e
spread : 0.0086603 e
created : 2023-08-21T14:26:03



Tropomi SWIR background noise (swir)

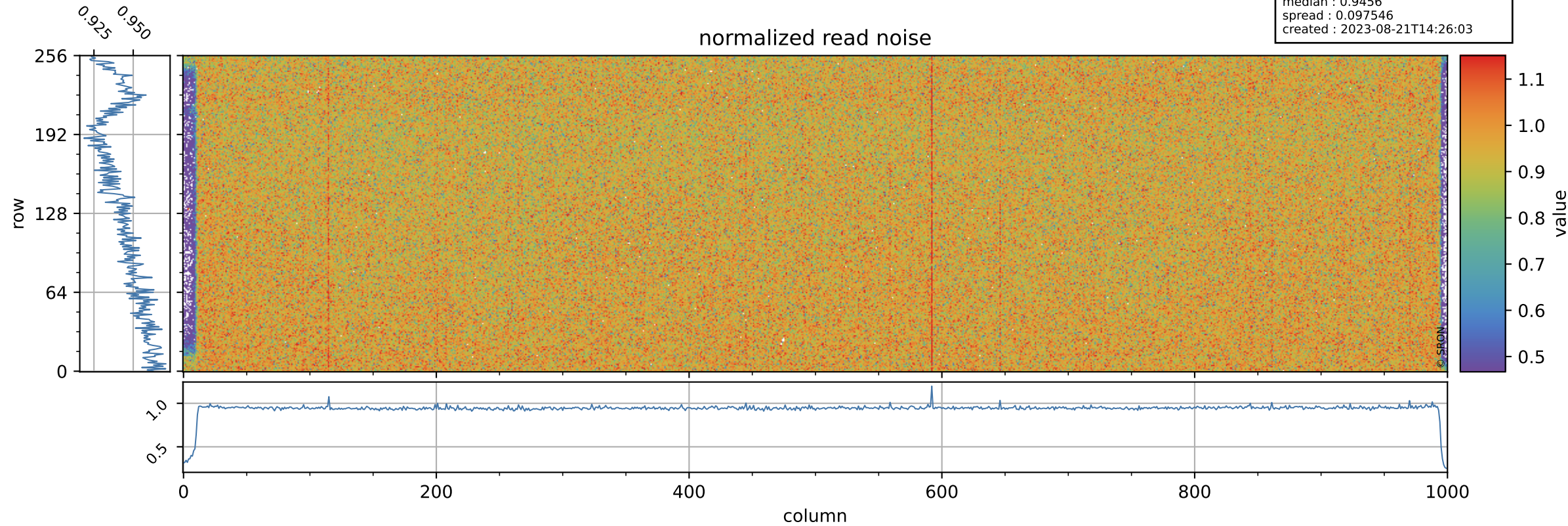
orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
median : 1.1281 e
spread : 0.063197 e
created : 2023-08-21T14:26:03



Tropomi SWIR background noise (swir)

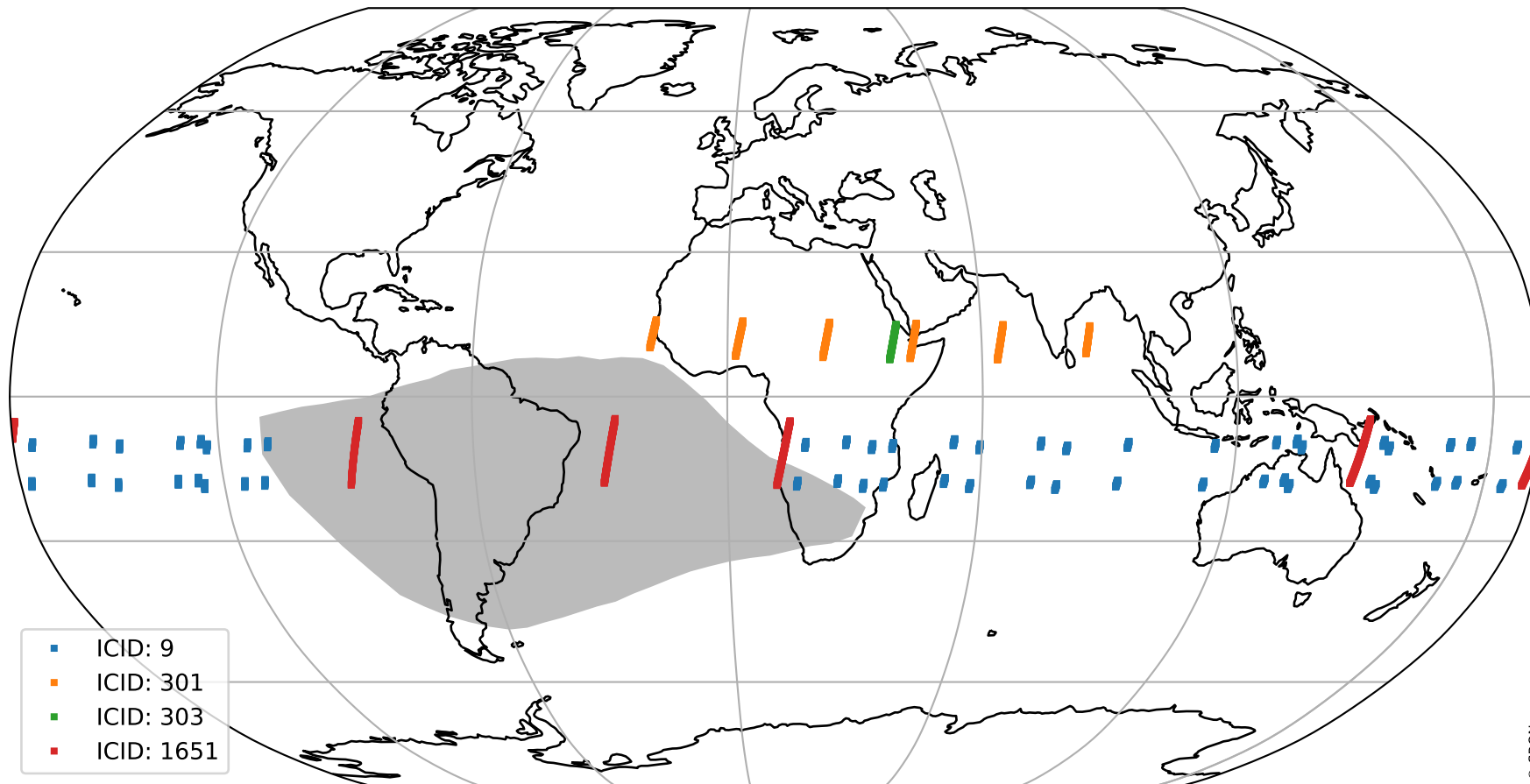
orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
median : 0.9456
spread : 0.097546
created : 2023-08-21T14:26:03

normalized read noise



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

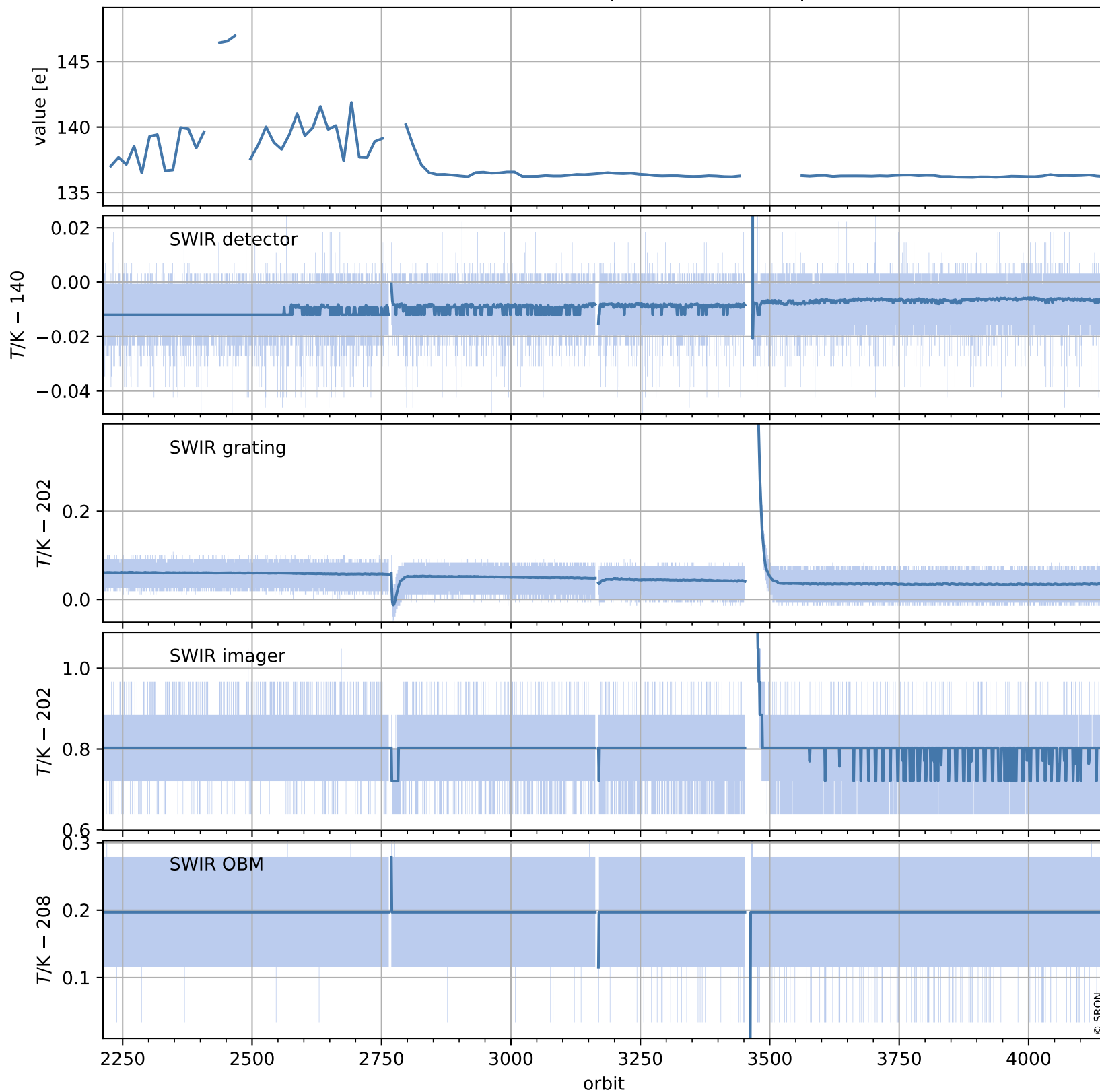
orbits : 12 in [4072, 4147]
coverage : 2018-07-26 / 2018-08-01
created : 2023-08-21T14:26:04



Tropomi SWIR background noise (swir)

orbits : [2212, 4147]
coverage : 2018-03-18 / 2018-08-01
created : 2023-08-21T14:26:04

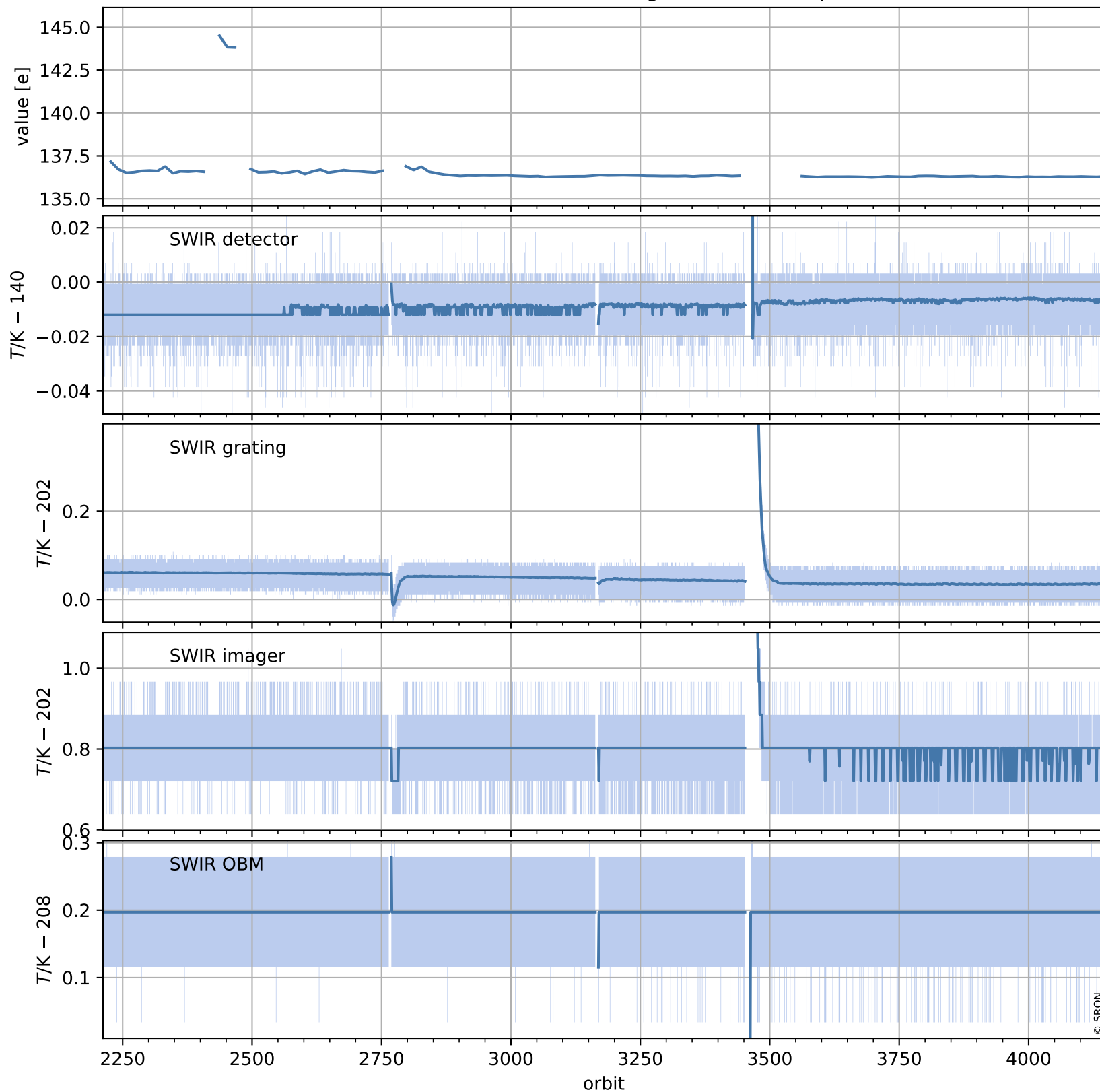
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4147]
coverage : 2018-03-18 / 2018-08-01
created : 2023-08-21T14:26:05

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 4147]
coverage : 2018-03-18 / 2018-08-01
created : 2023-08-21T14:26:06

trend of normalized read-noise & temperatures

