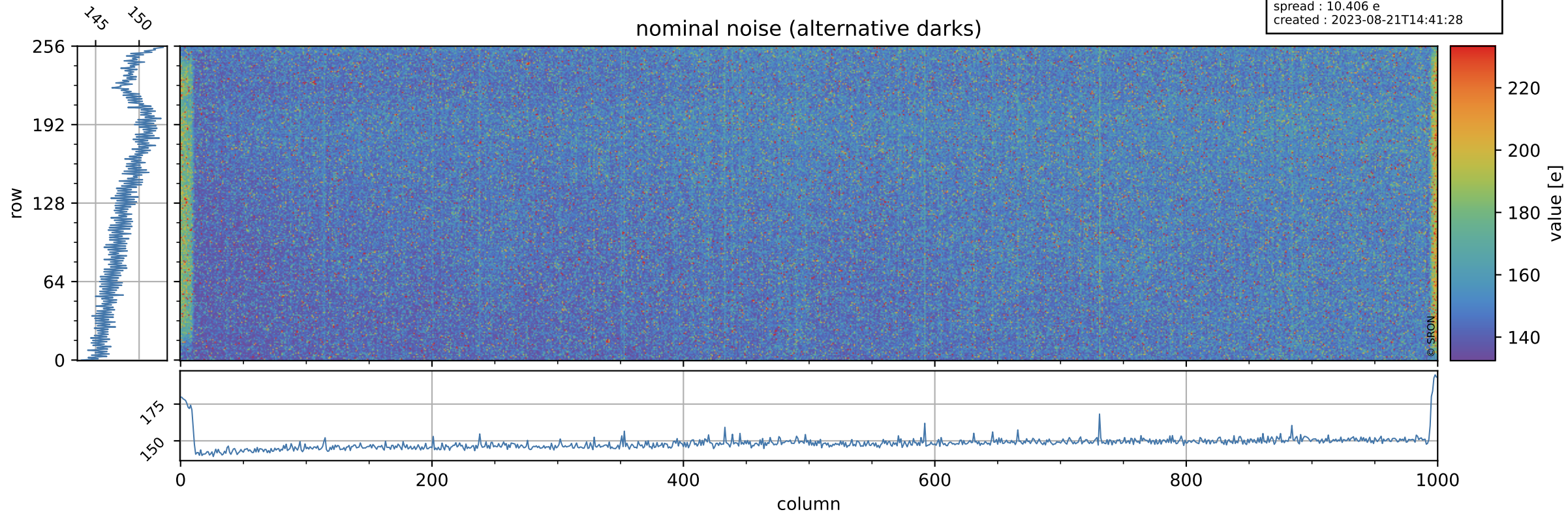


Tropomi SWIR background noise (swir)

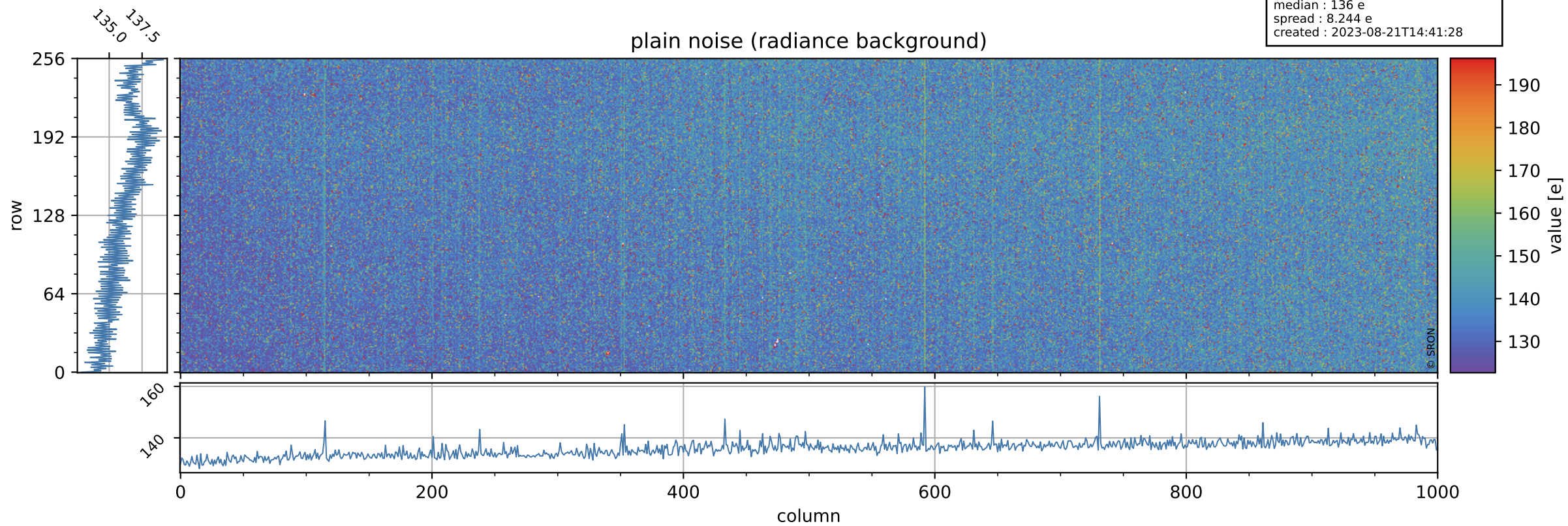
orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
n_coad, t_exp : 1, 1.0783
median : 148.28 e
spread : 10.406 e
created : 2023-08-21T14:41:28



Tropomi SWIR background noise (swir)

orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.244 e
created : 2023-08-21T14:41:28

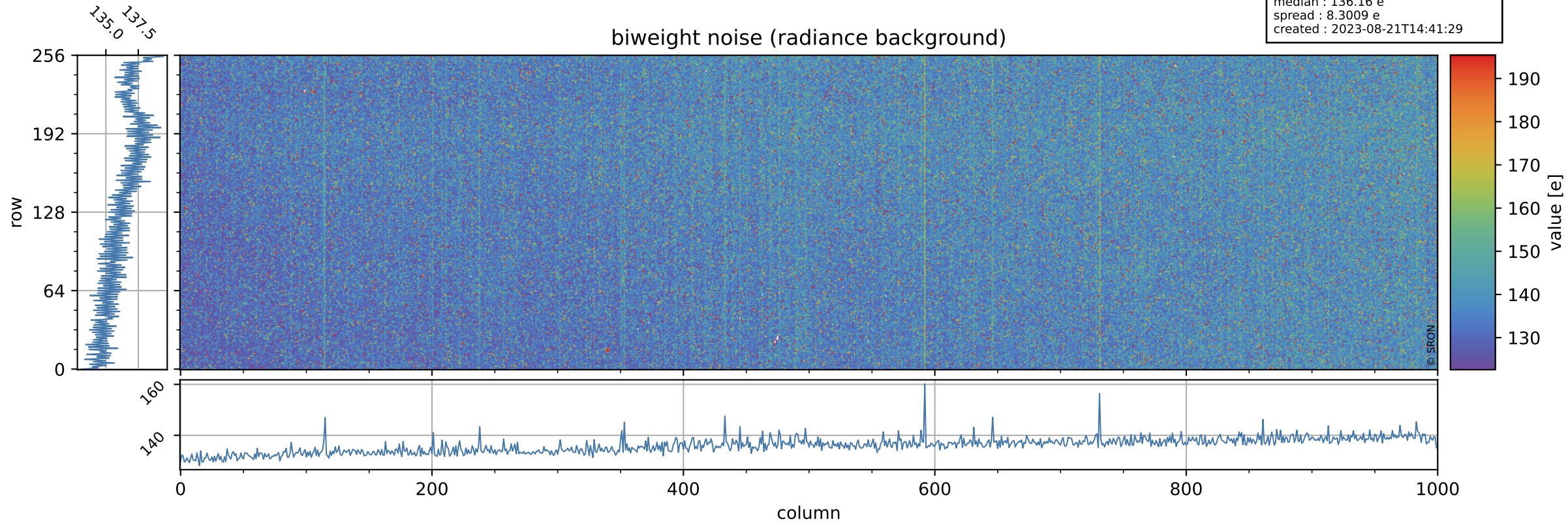
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.3009 e
created : 2023-08-21T14:41:29

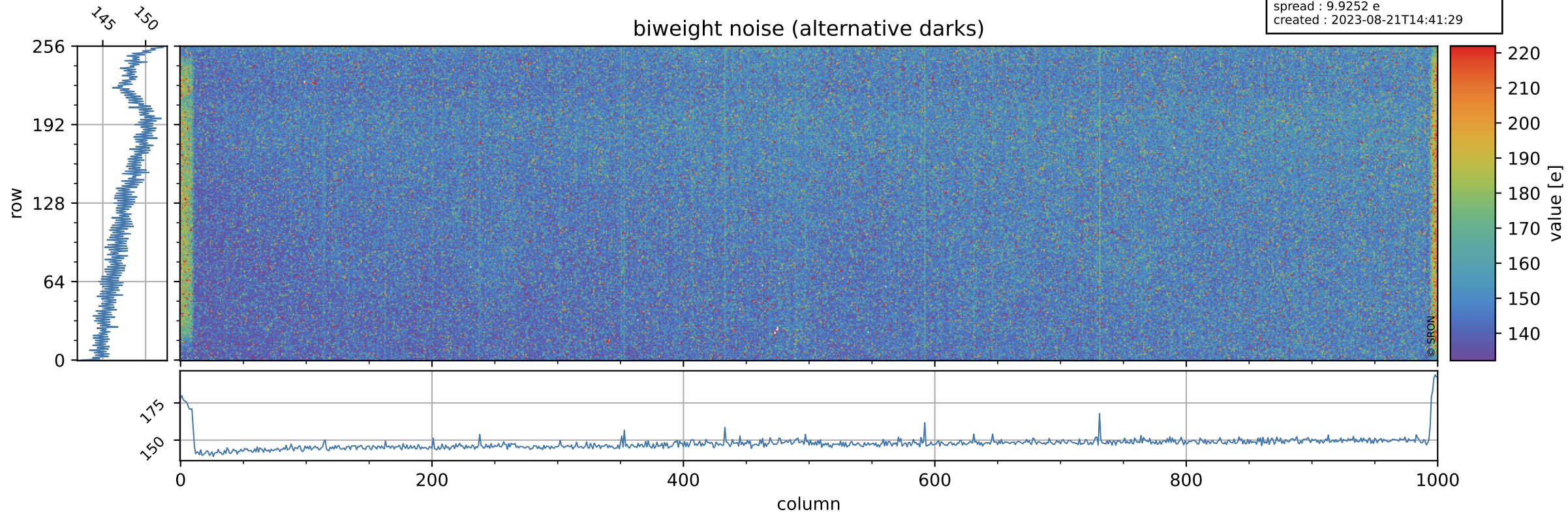
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9252 e
created : 2023-08-21T14:41:29

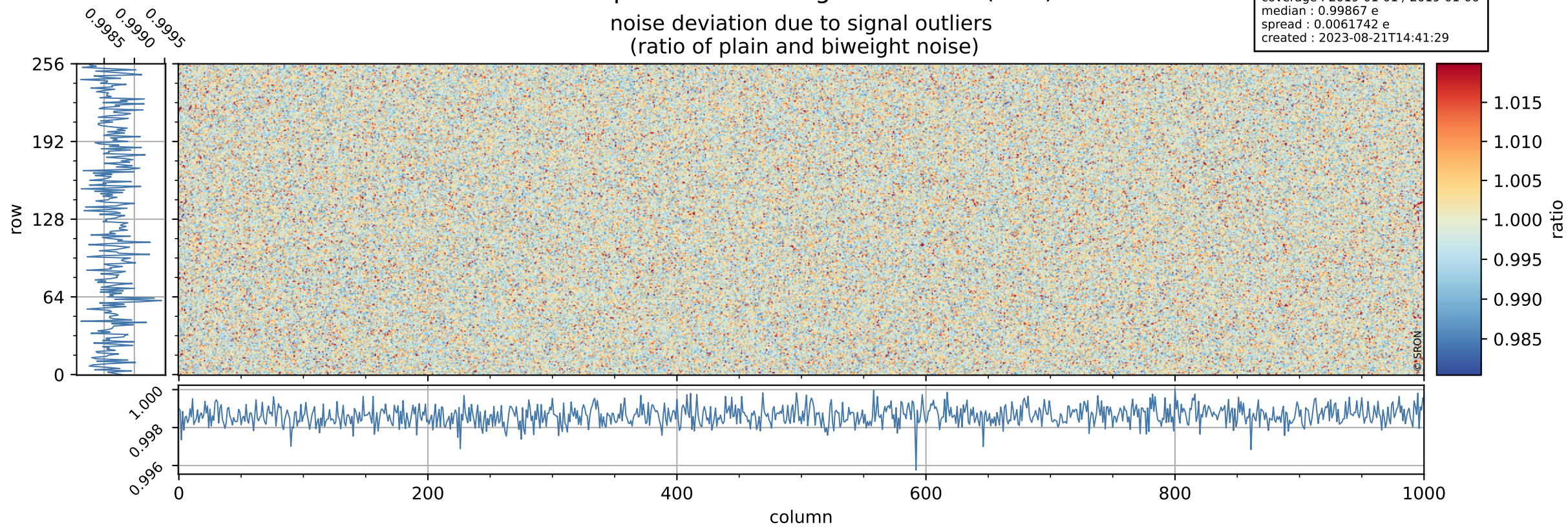
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

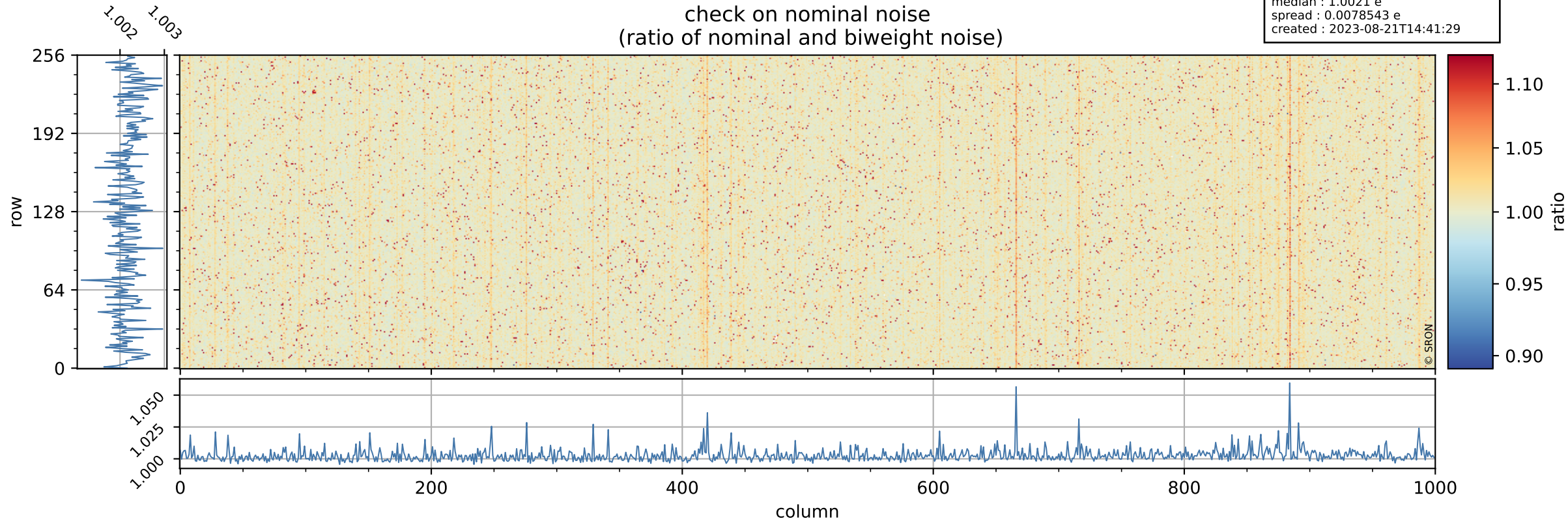
orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
median : 0.99867 e
spread : 0.0061742 e
created : 2023-08-21T14:41:29



Tropomi SWIR background noise (swir)

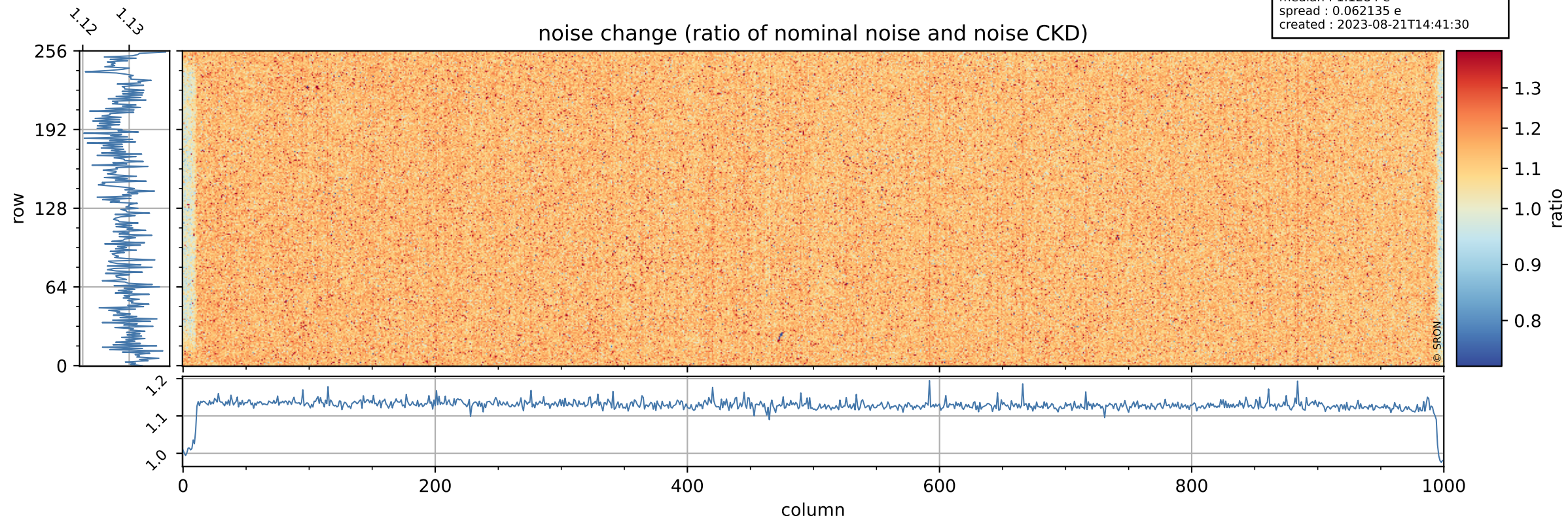
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
median : 1.0021 e
spread : 0.0078543 e
created : 2023-08-21T14:41:29



Tropomi SWIR background noise (swir)

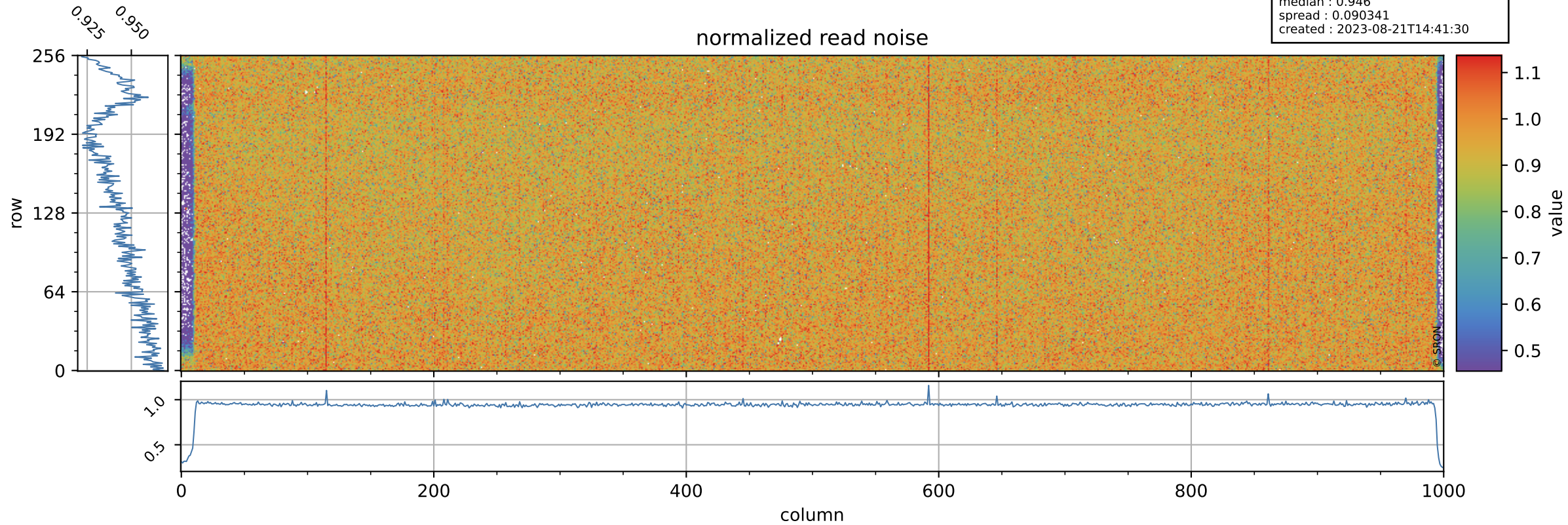
orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
median : 1.1284 e
spread : 0.062135 e
created : 2023-08-21T14:41:30



Tropomi SWIR background noise (swir)

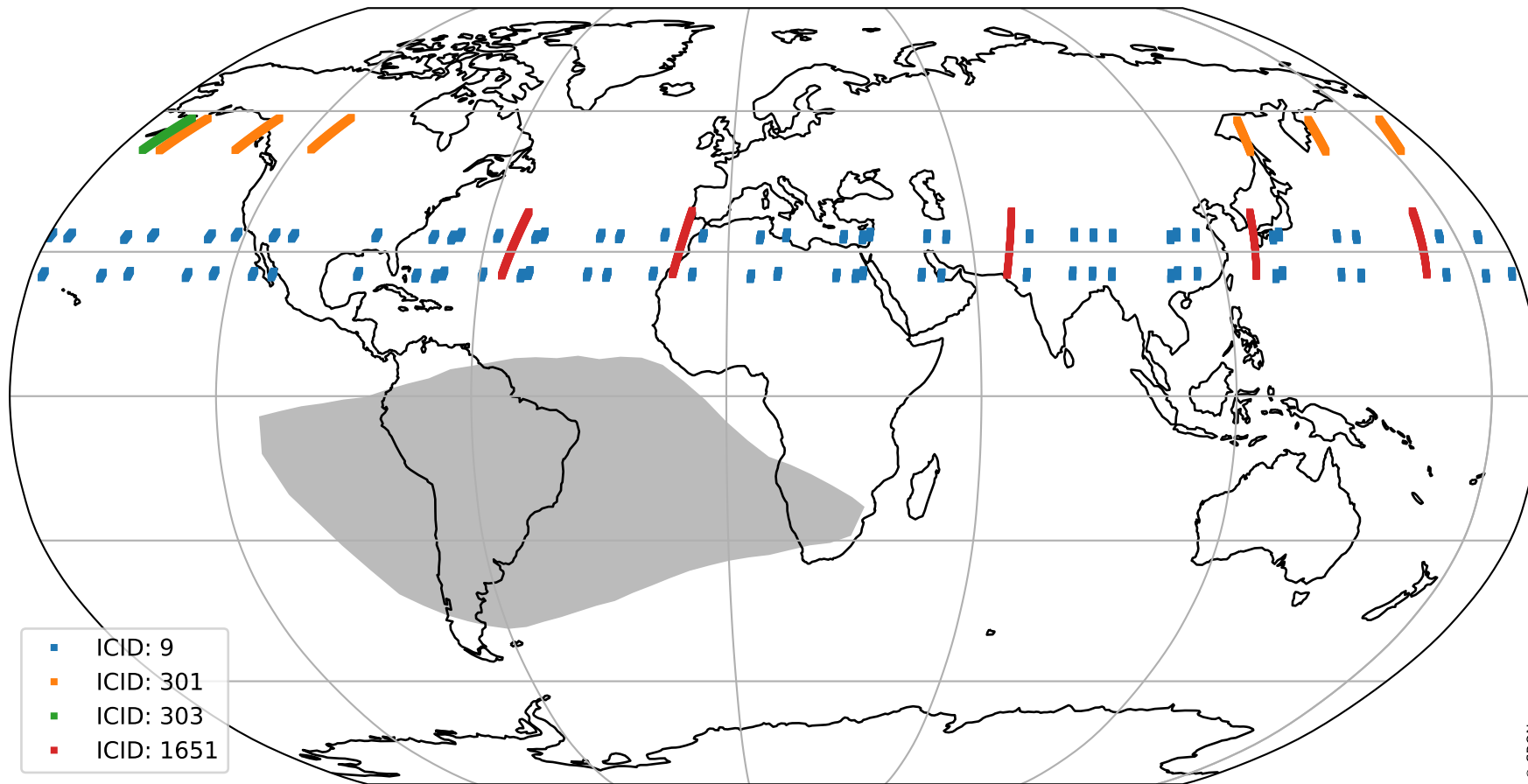
orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
median : 0.946
spread : 0.090341
created : 2023-08-21T14:41:30

normalized read noise



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

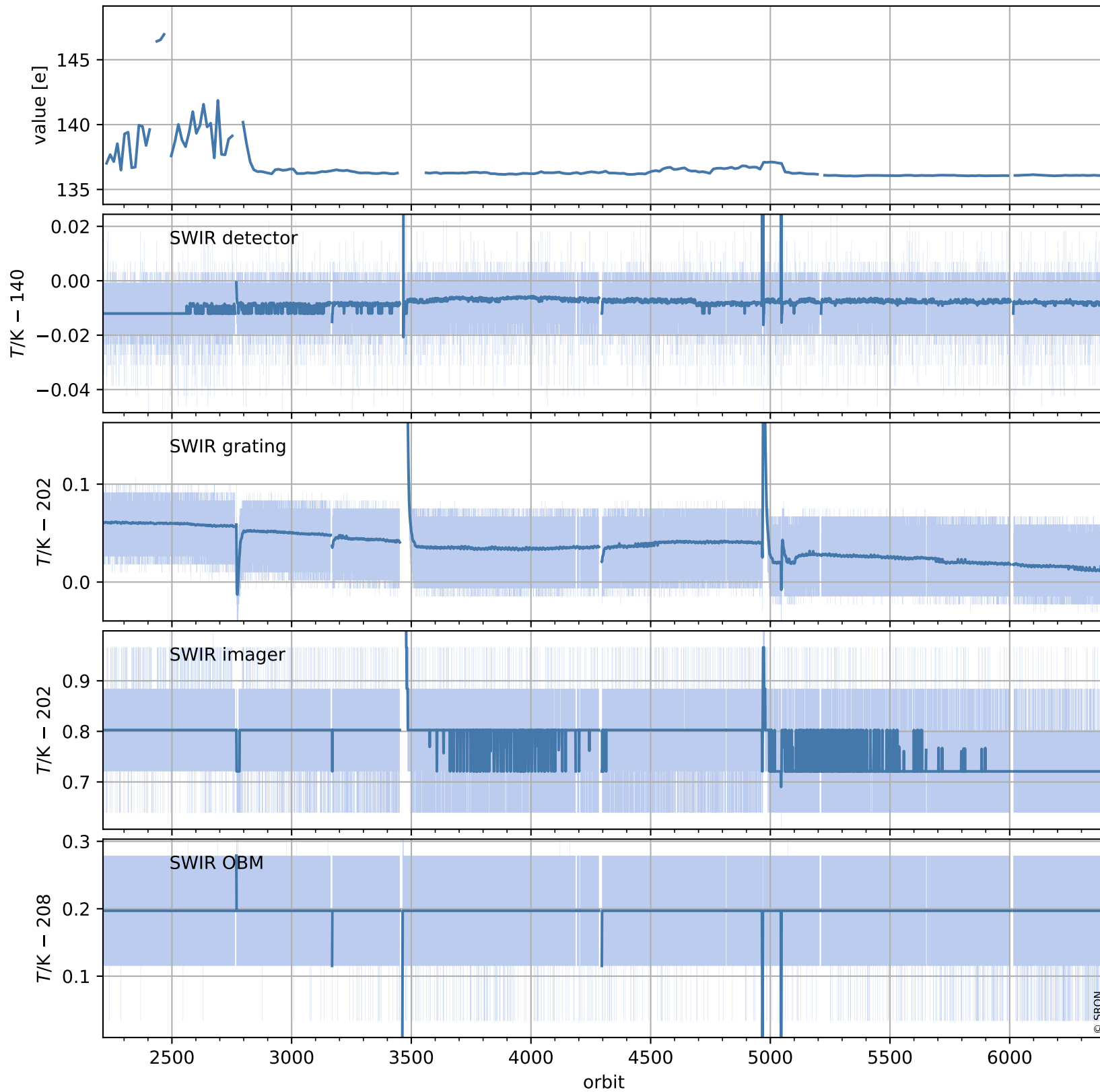
orbits : 12 in [6322, 6397]
coverage : 2019-01-01 / 2019-01-06
created : 2023-08-21T14:41:30



Tropomi SWIR background noise (swir)

orbits : [2212, 6397]
coverage : 2018-03-18 / 2019-01-06
created : 2023-08-21T14:41:31

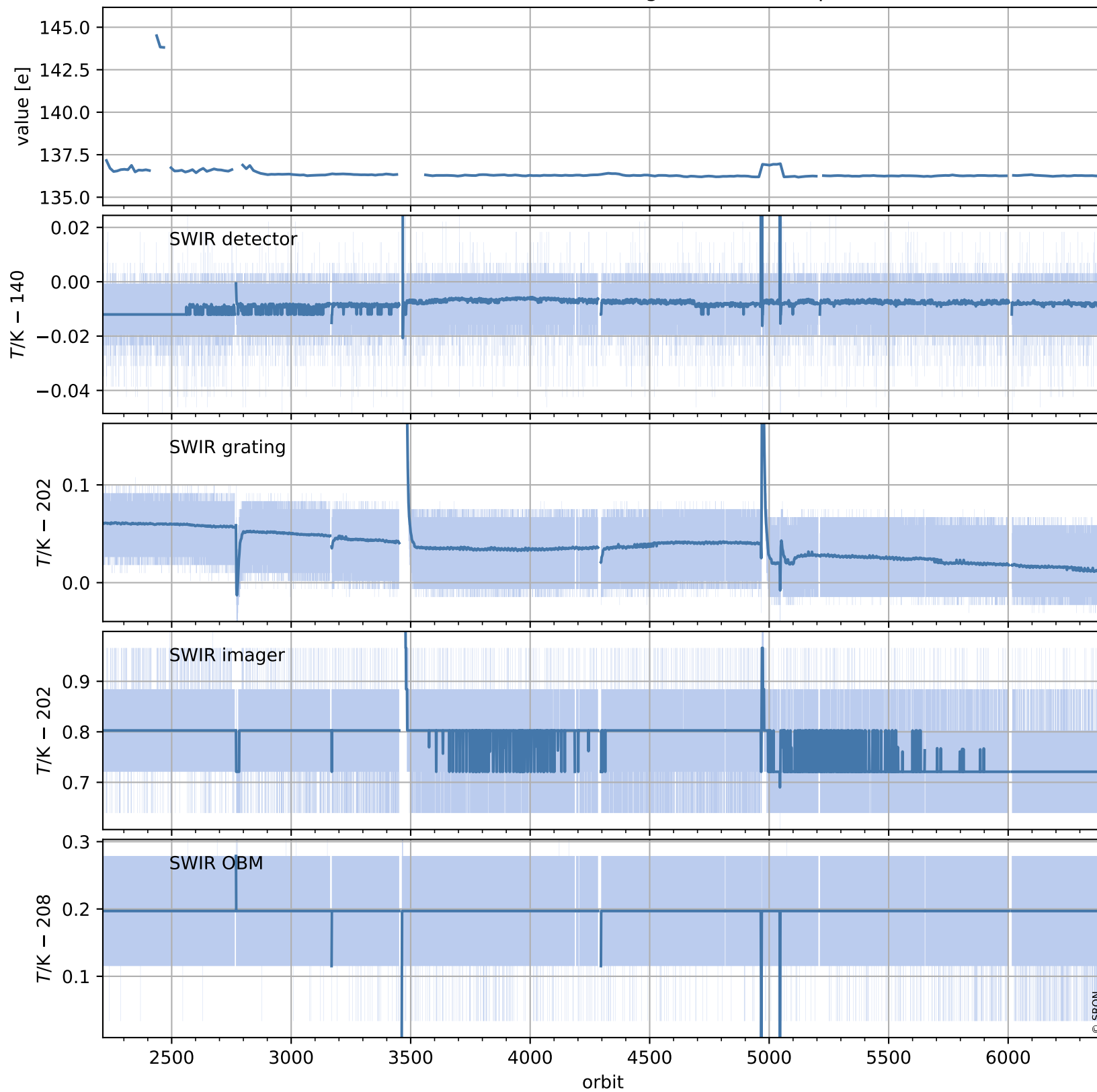
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6397]
coverage : 2018-03-18 / 2019-01-06
created : 2023-08-21T14:41:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6397]
coverage : 2018-03-18 / 2019-01-06
created : 2023-08-21T14:41:32

trend of normalized read-noise & temperatures

