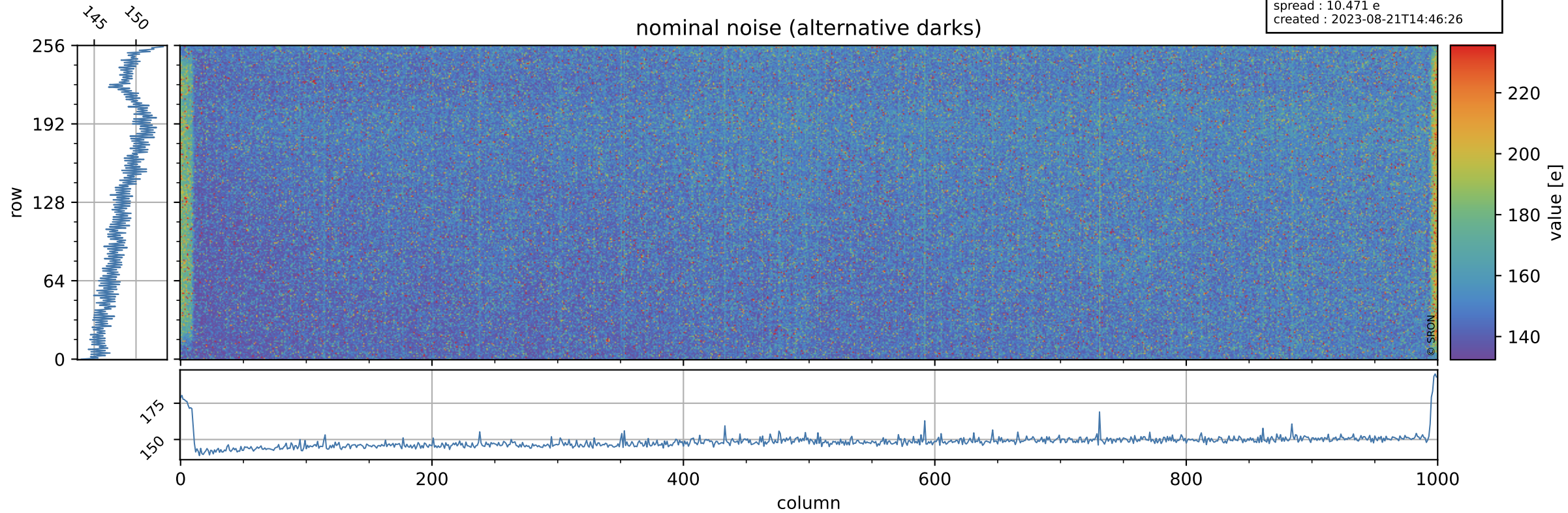


Tropomi SWIR background noise (swir)

orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.471 e
created : 2023-08-21T14:46:26

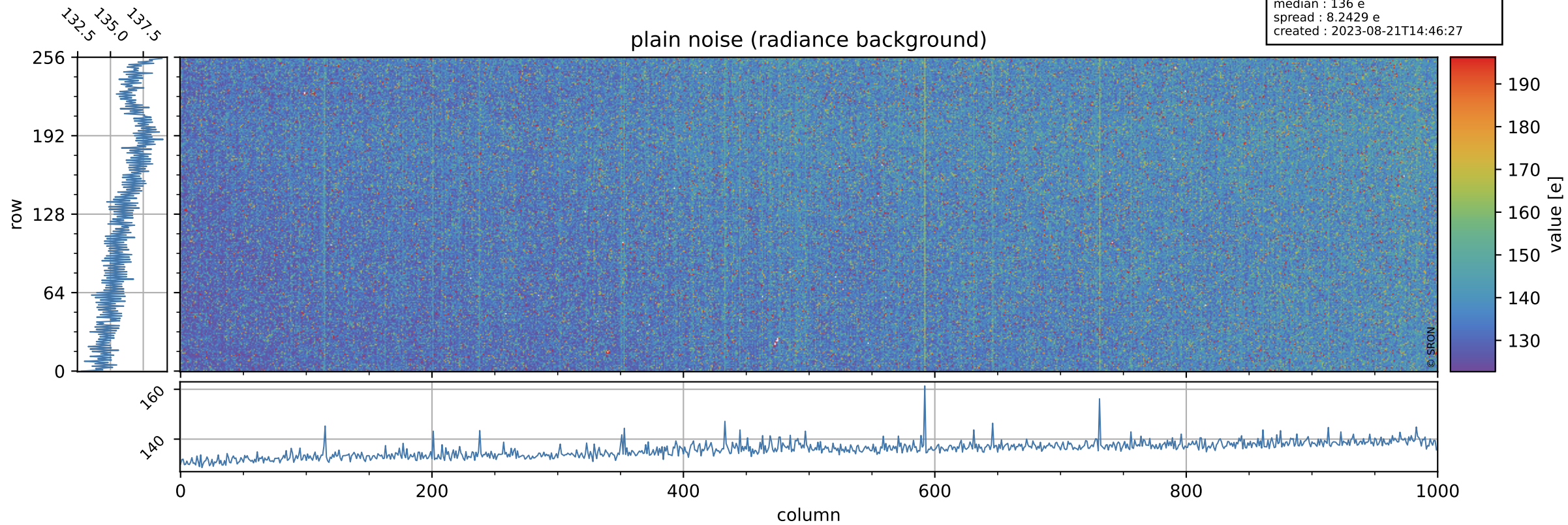
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2429 e
created : 2023-08-21T14:46:27

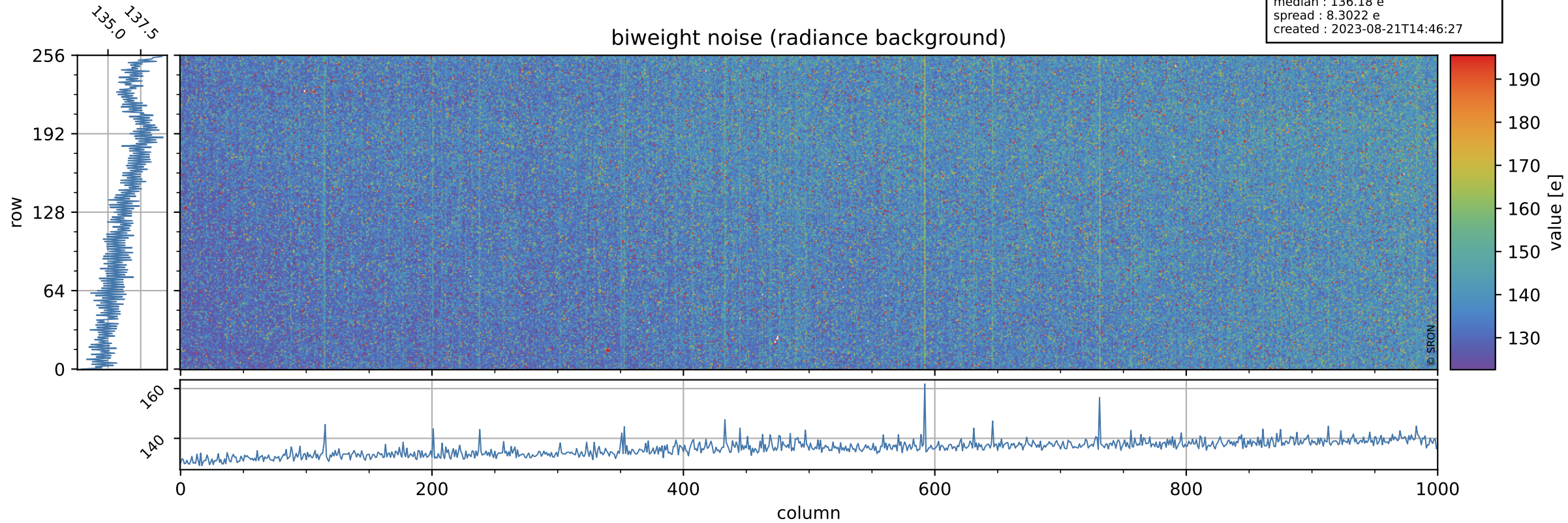
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3022 e
created : 2023-08-21T14:46:27

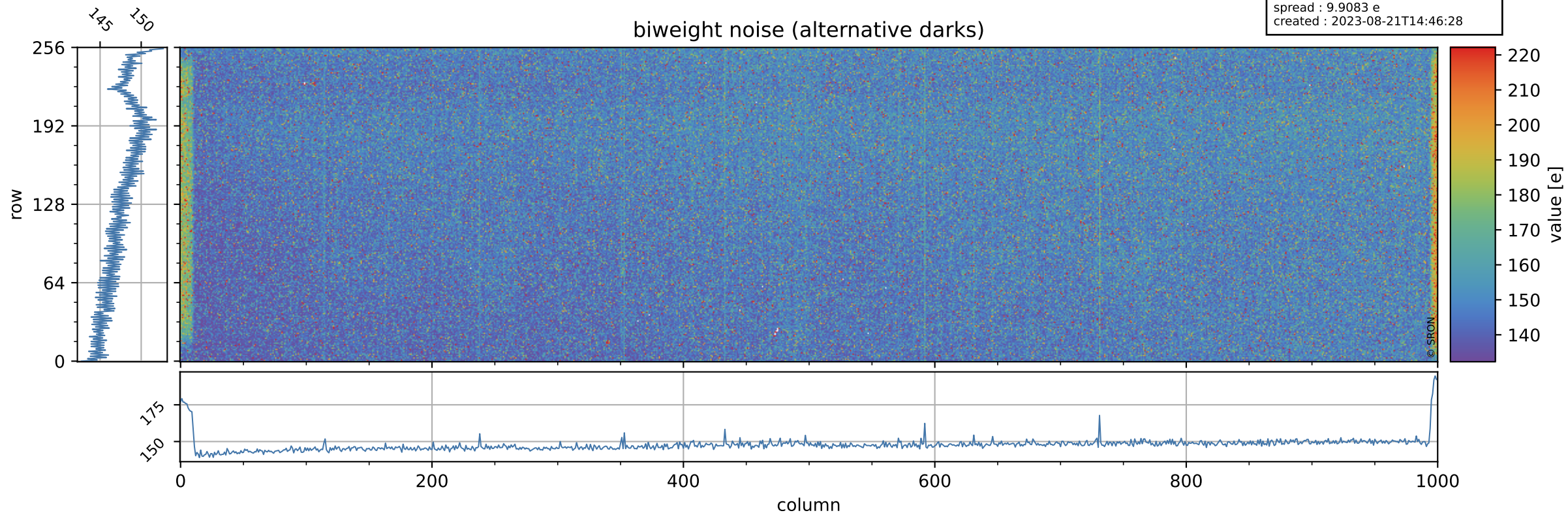
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9083 e
created : 2023-08-21T14:46:28

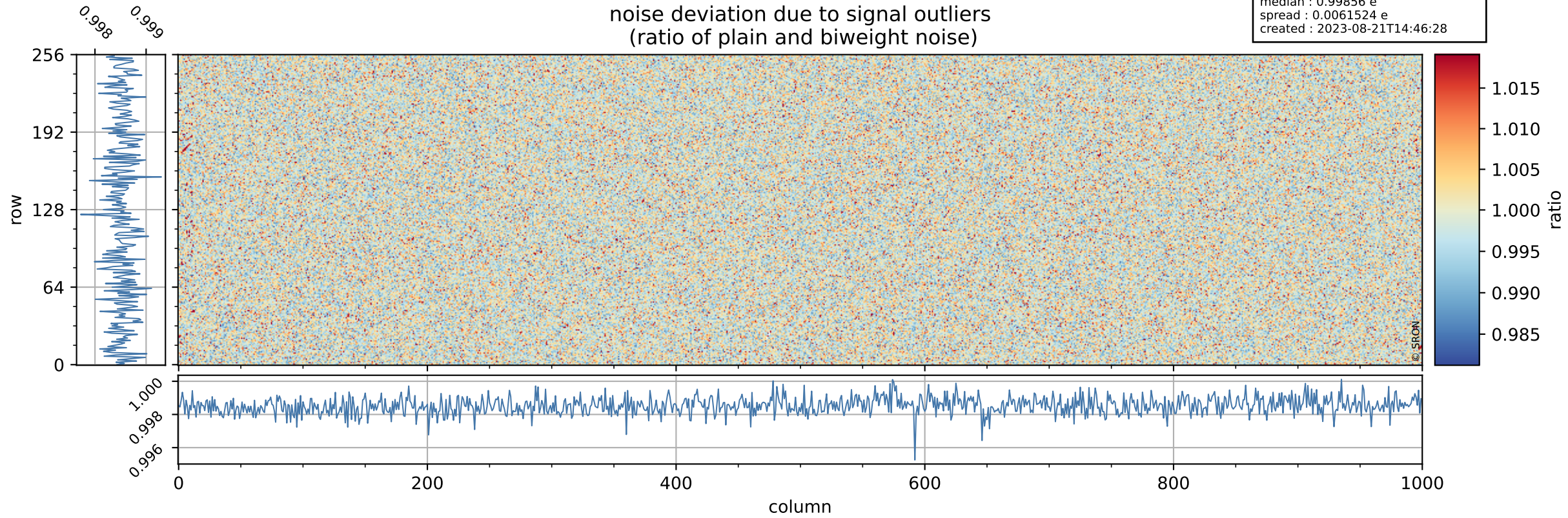
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

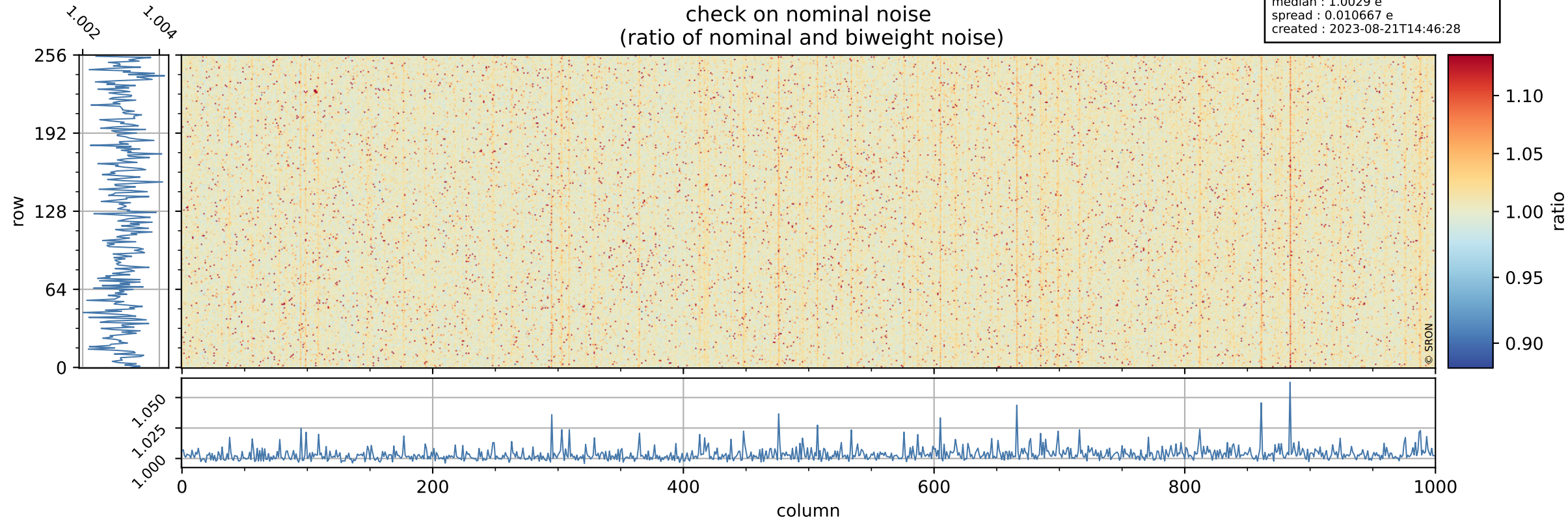
orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
median : 0.99856 e
spread : 0.0061524 e
created : 2023-08-21T14:46:28



Tropomi SWIR background noise (swir)

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

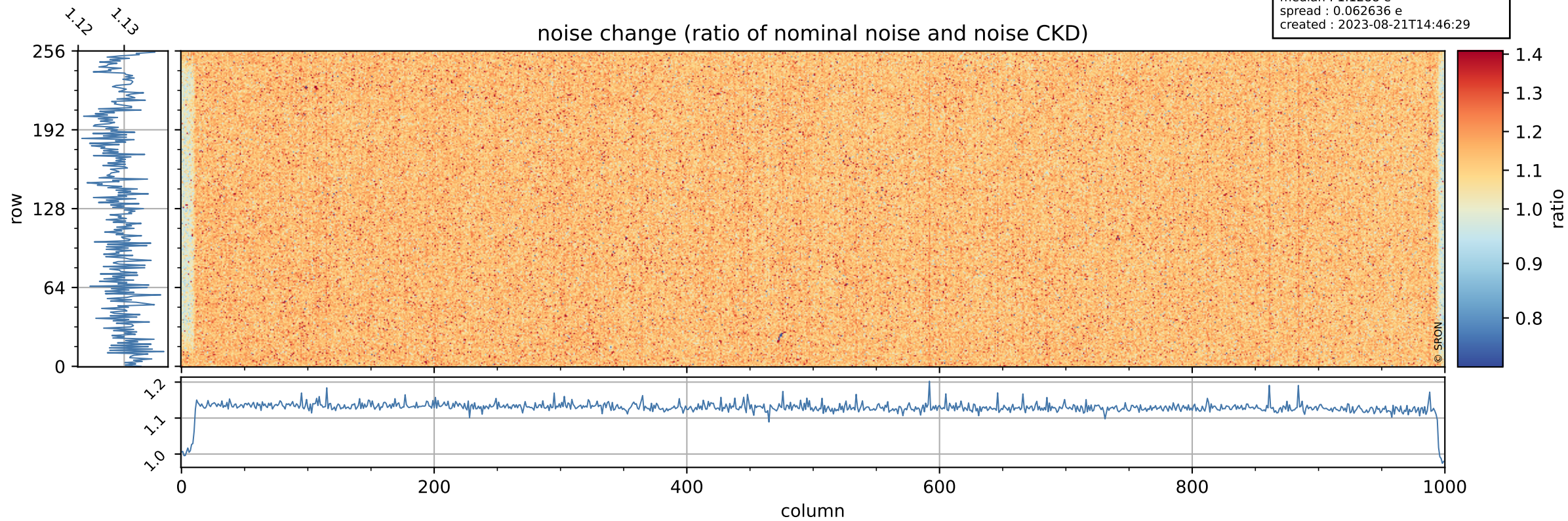
orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
median : 1.0029 e
spread : 0.010667 e
created : 2023-08-21T14:46:28



Tropomi SWIR background noise (swir)

orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
median : 1.1288 e
spread : 0.062636 e
created : 2023-08-21T14:46:29

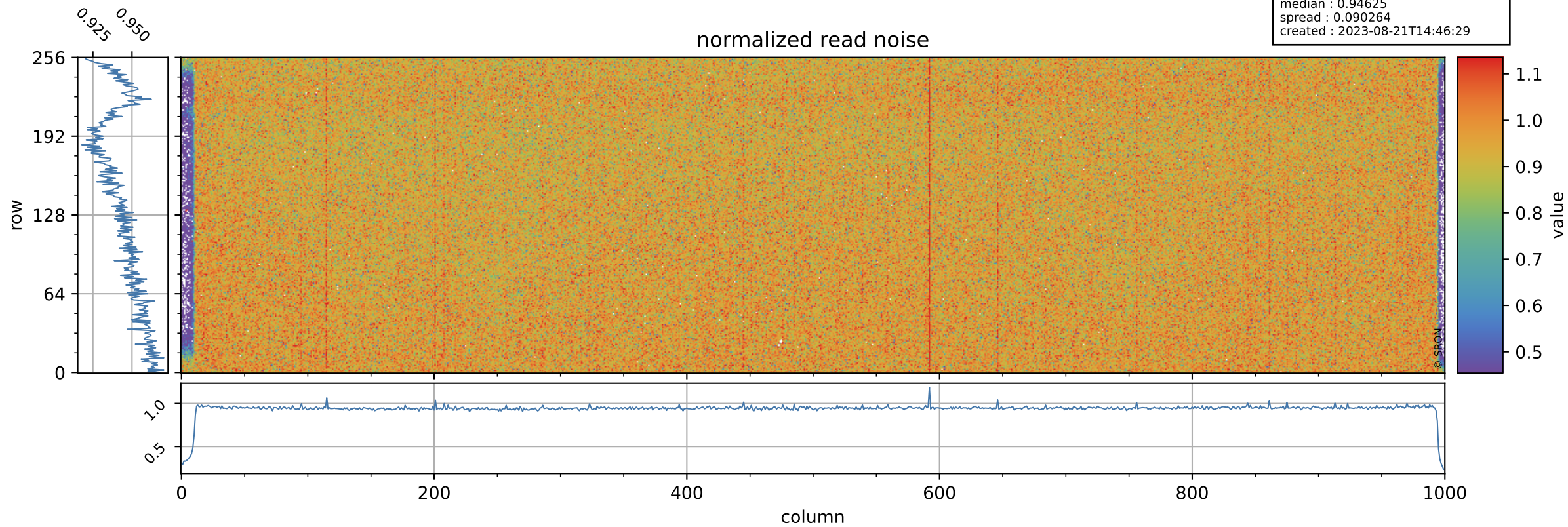
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

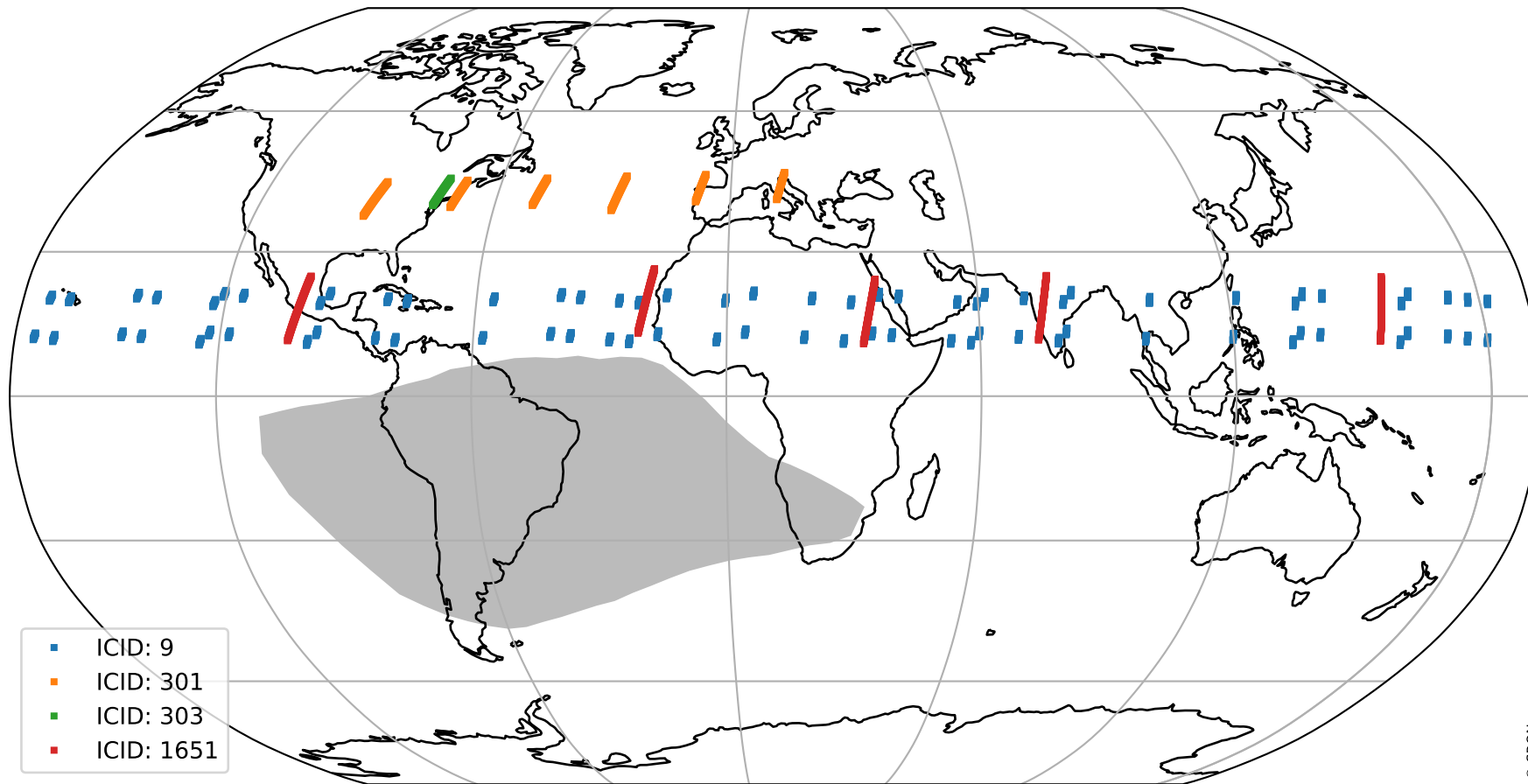
orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
median : 0.94625
spread : 0.090264
created : 2023-08-21T14:46:29

normalized read noise



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

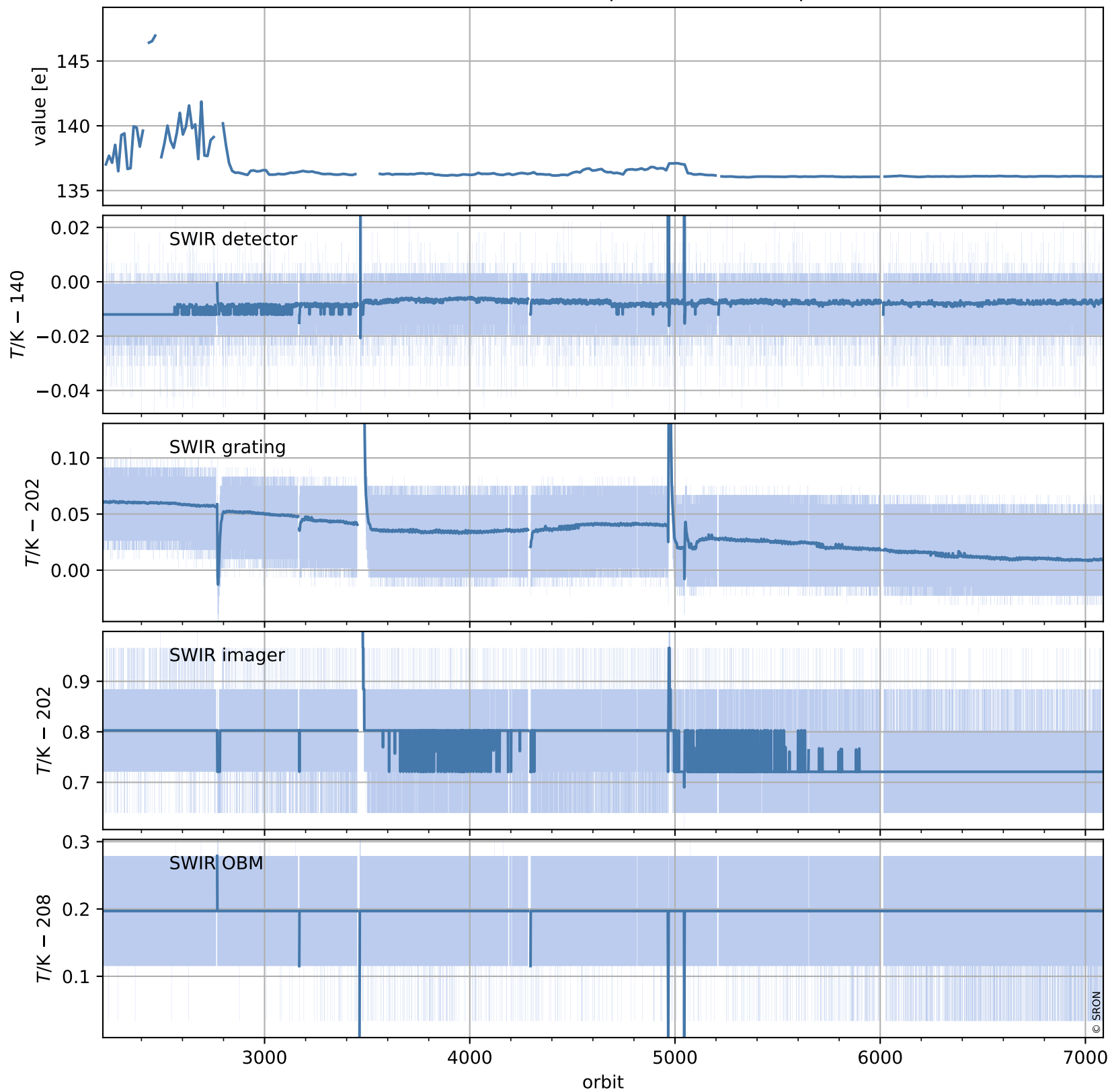
orbits : 12 in [6997, 7087]
coverage : 2019-02-18 / 2019-02-24
created : 2023-08-21T14:46:30



Tropomi SWIR background noise (swir)

orbits : [2212, 7087]
coverage : 2018-03-18 / 2019-02-24
created : 2023-08-21T14:46:30

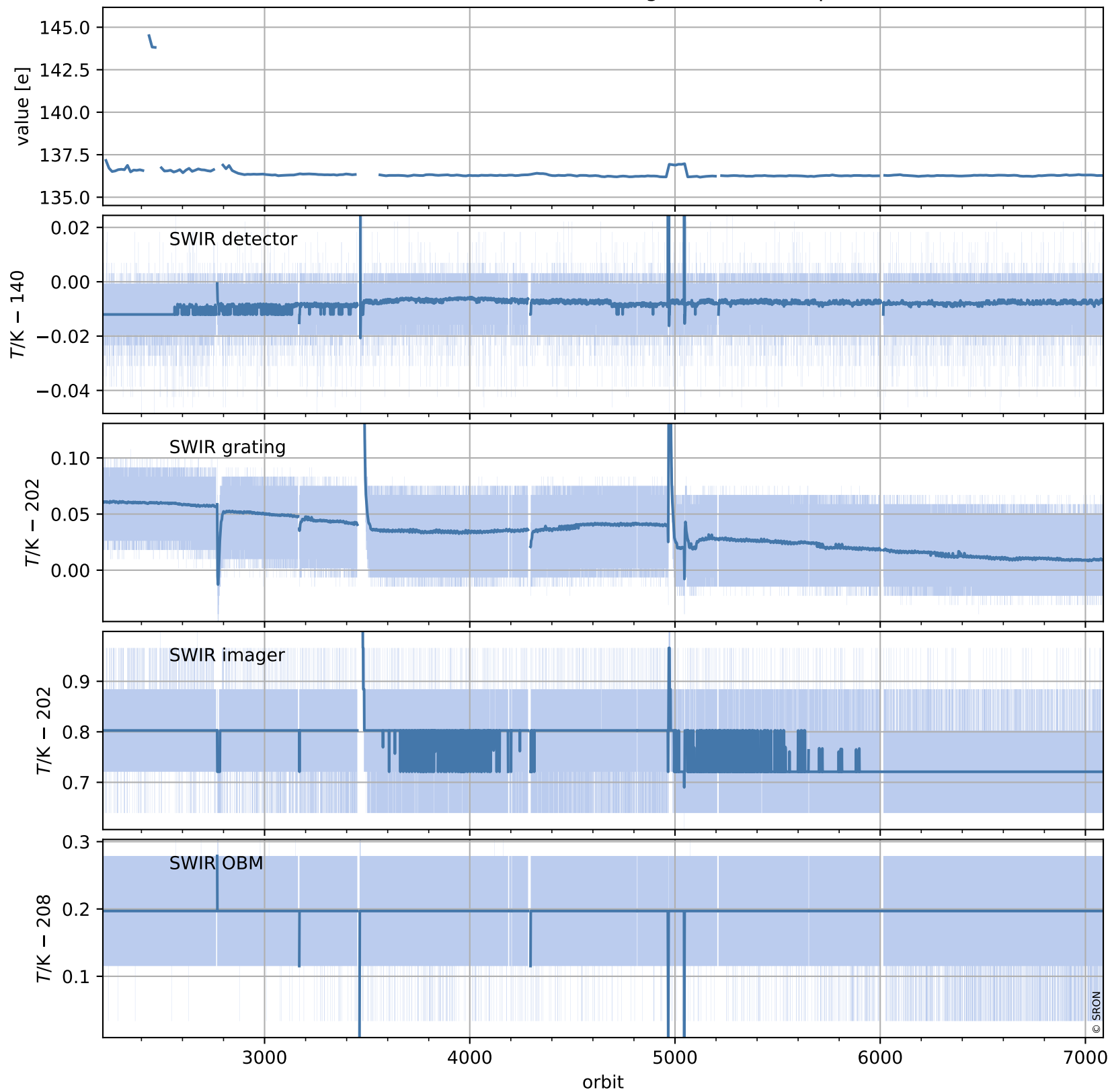
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7087]
coverage : 2018-03-18 / 2019-02-24
created : 2023-08-21T14:46:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7087]
coverage : 2018-03-18 / 2019-02-24
created : 2023-08-21T14:46:32

trend of normalized read-noise & temperatures

