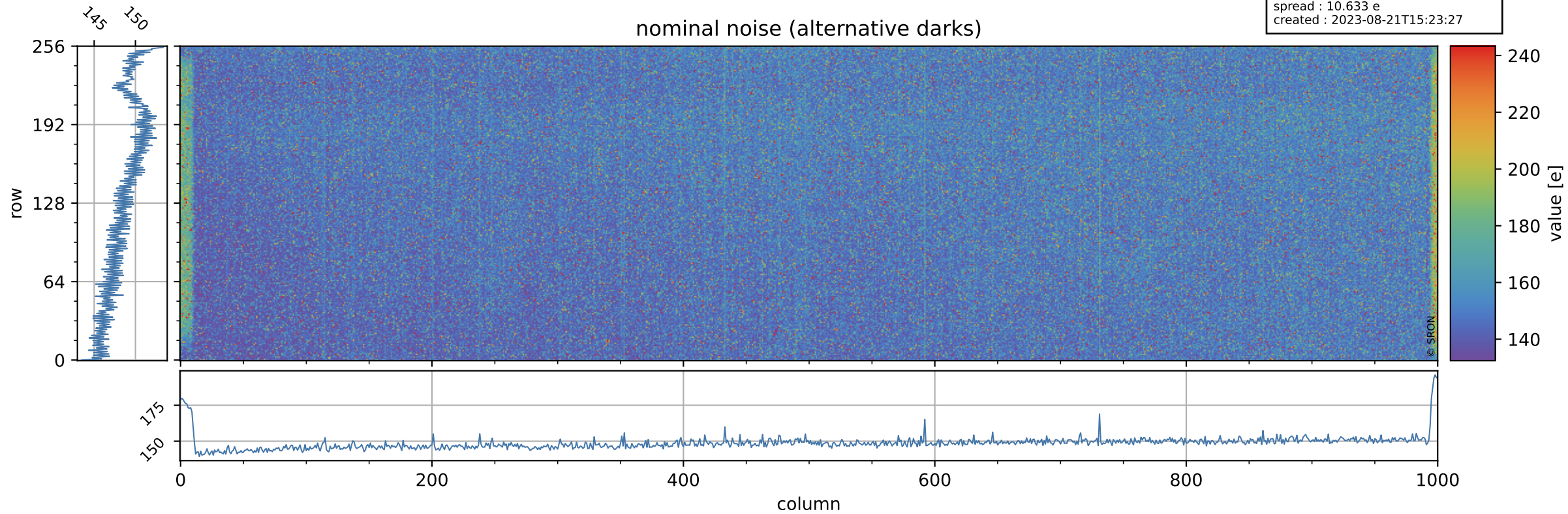


Tropomi SWIR background noise (swir)

orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
n_coad, t_exp : 1, 1.0783
median : 148.52 e
spread : 10.633 e
created : 2023-08-21T15:23:27

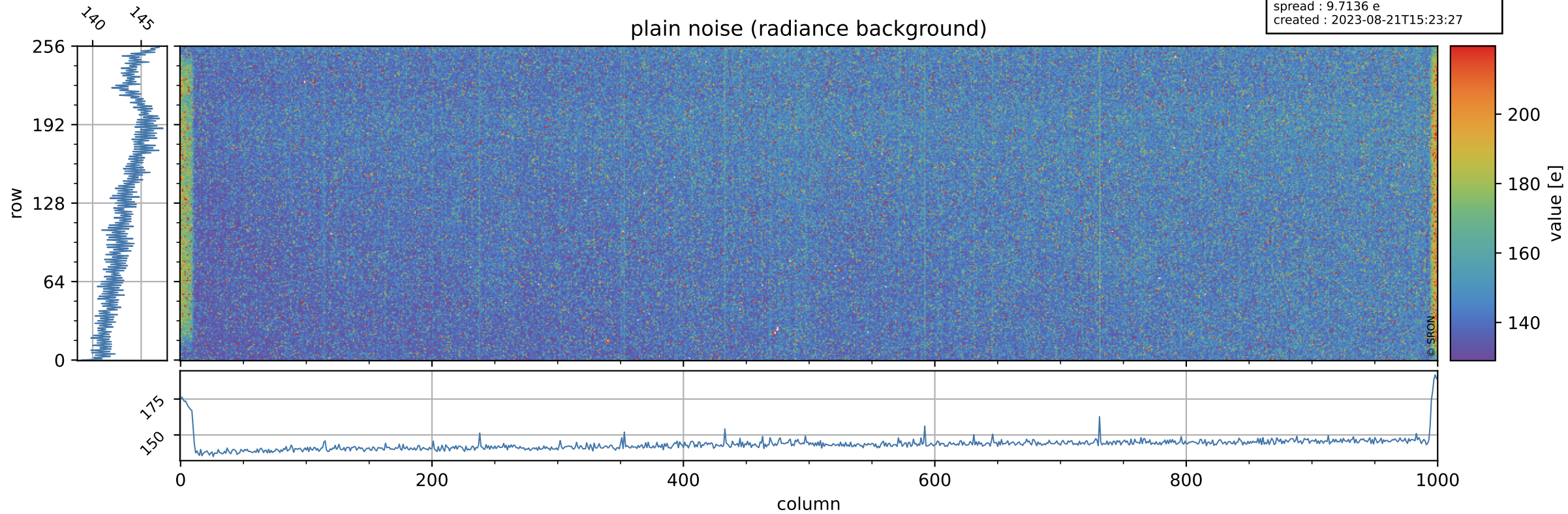
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
n_coad, t_exp : 1, 0.8383
median : 143.35 e
spread : 9.7136 e
created : 2023-08-21T15:23:27

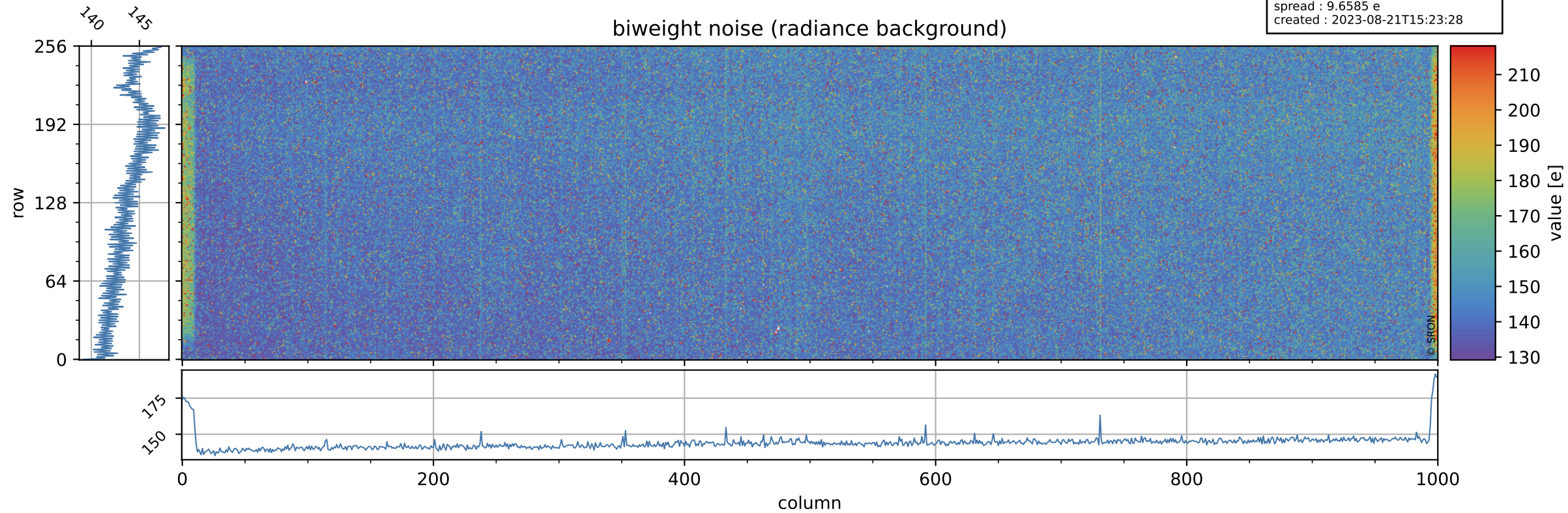
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
n_coad, t_exp : 1, 0.8383
median : 143.7 e
spread : 9.6585 e
created : 2023-08-21T15:23:28

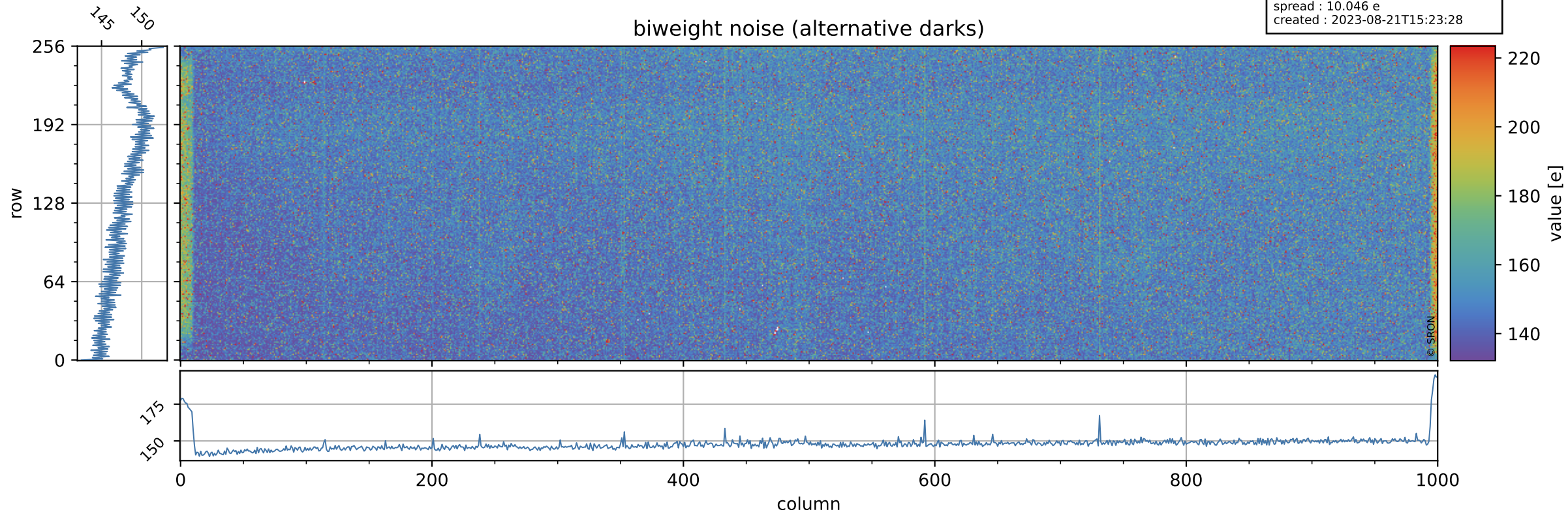
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
n_coad, t_exp : 1, 1.0783
median : 147.64 e
spread : 10.046 e
created : 2023-08-21T15:23:28

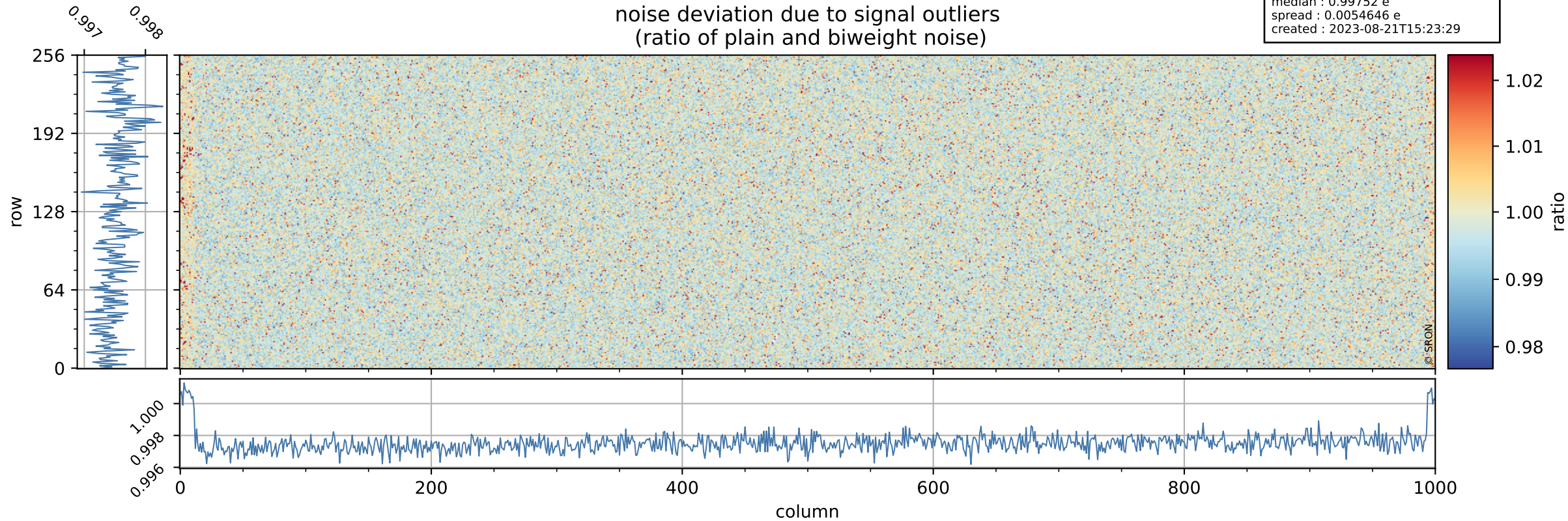
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

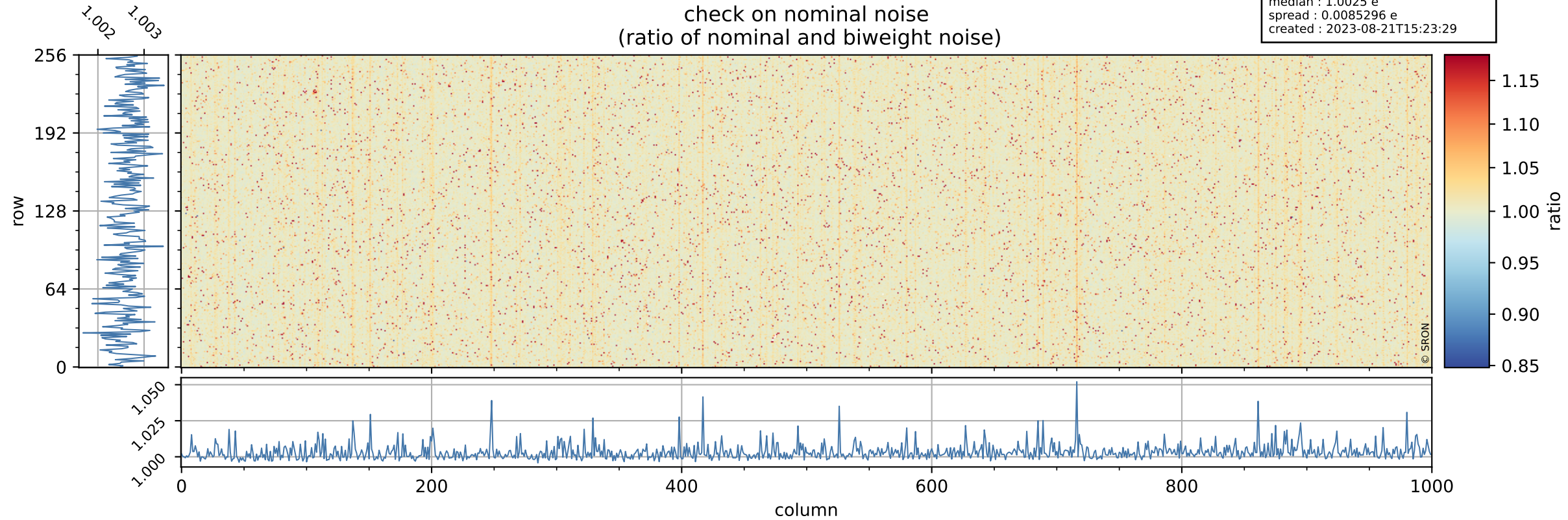
orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
median : 0.99752 e
spread : 0.0054646 e
created : 2023-08-21T15:23:29



Tropomi SWIR background noise (swir)

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

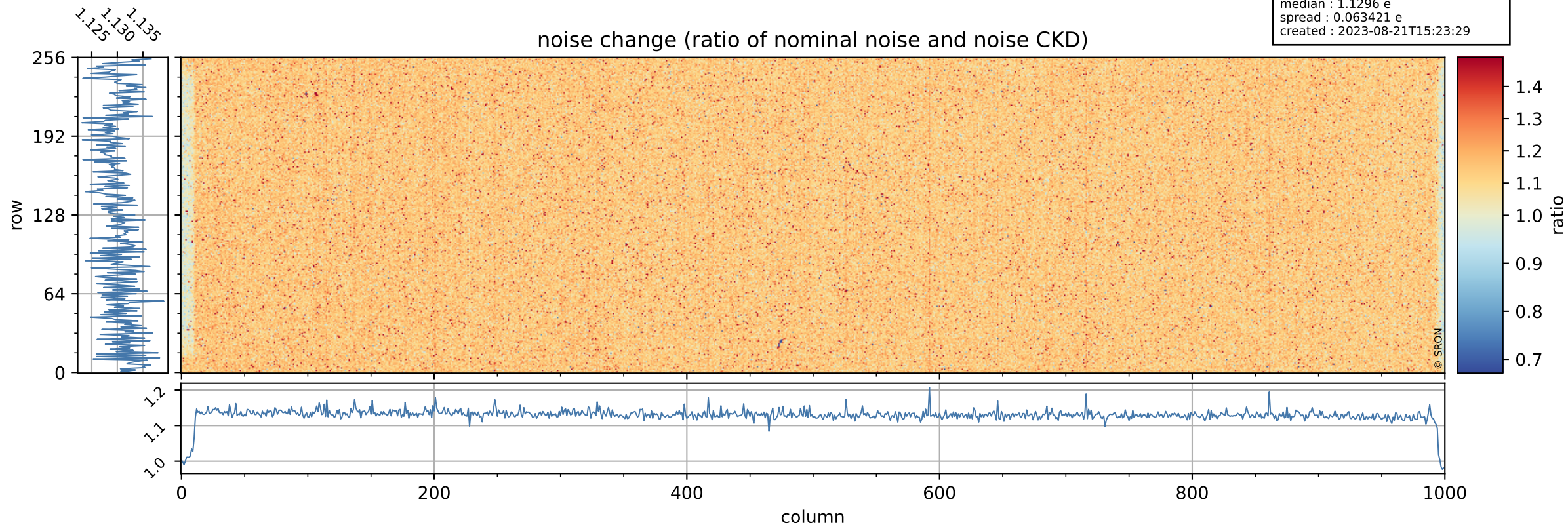
orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
median : 1.0025 e
spread : 0.0085296 e
created : 2023-08-21T15:23:29



Tropomi SWIR background noise (swir)

orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
median : 1.1296 e
spread : 0.063421 e
created : 2023-08-21T15:23:29

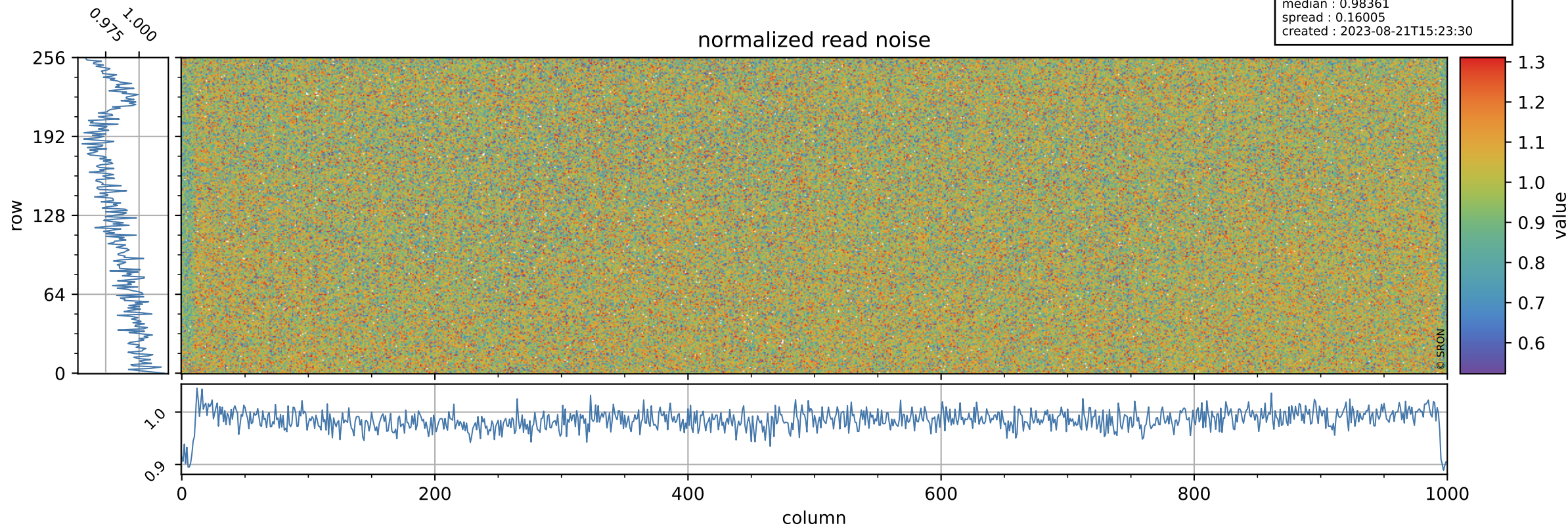
noise change (ratio of nominal noise and noise CKD)



Tropomi SWIR background noise (swir)

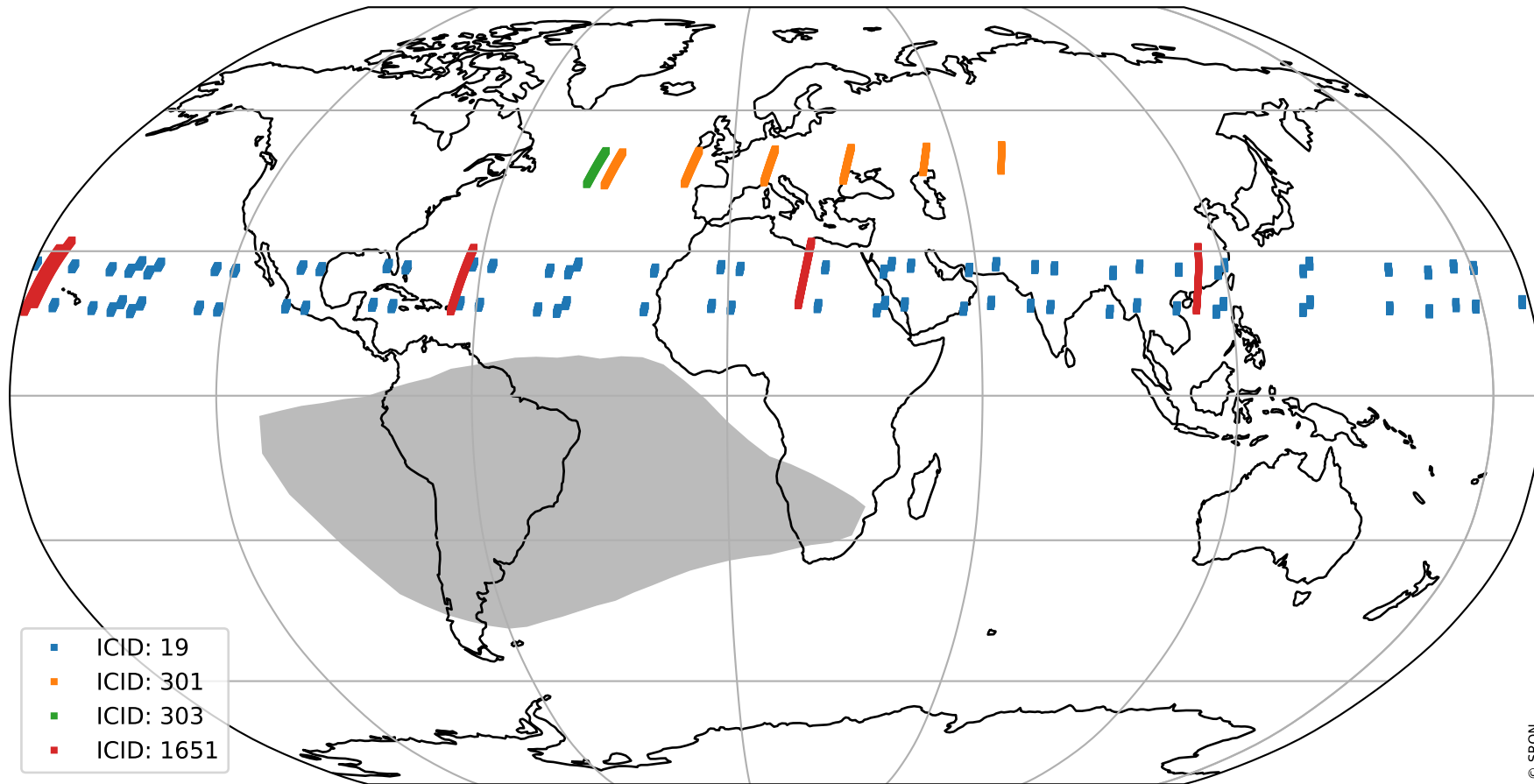
orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
median : 0.98361
spread : 0.16005
created : 2023-08-21T15:23:30

normalized read noise



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

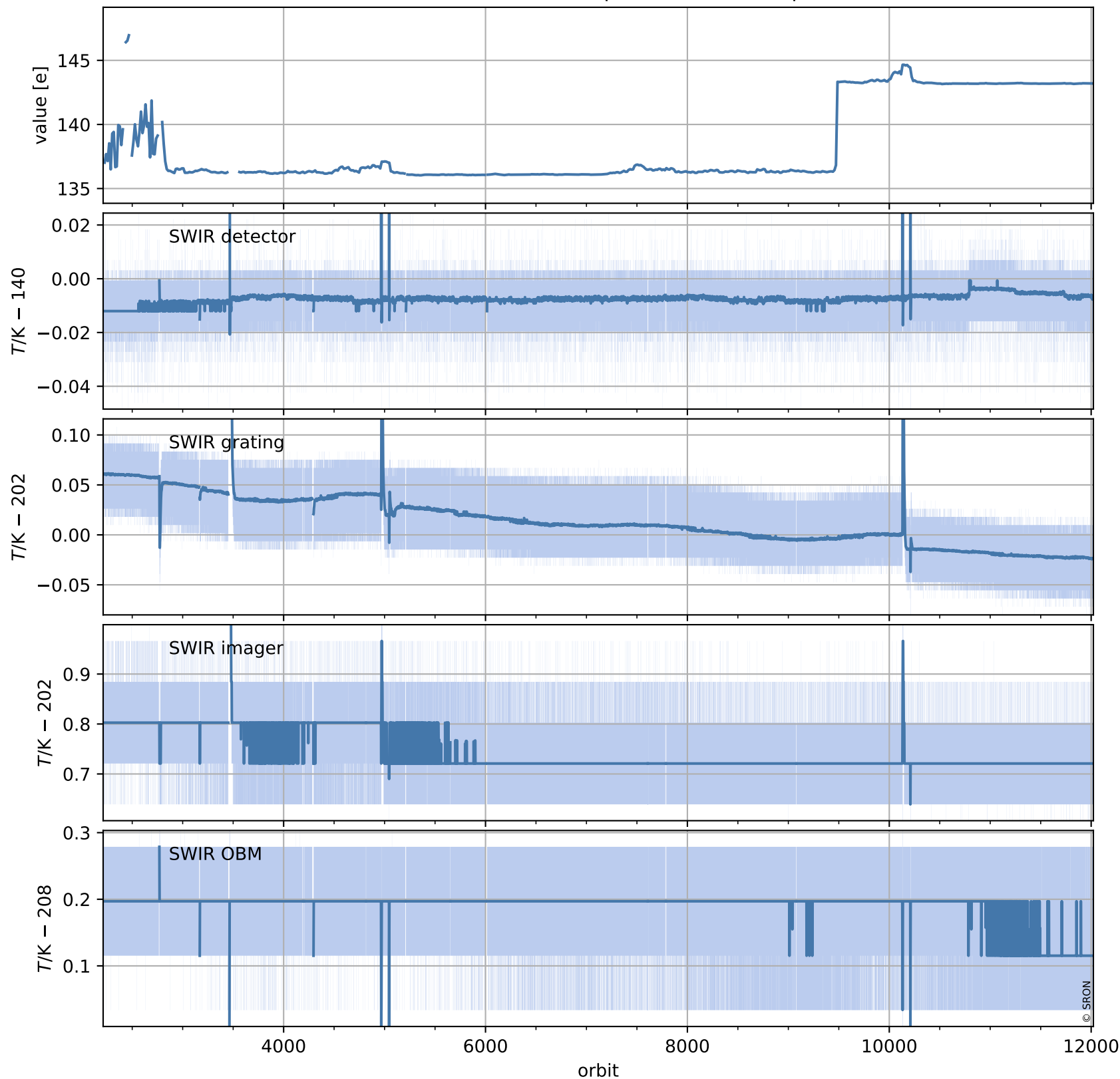
orbits : 12 in [11932, 12022]
coverage : 2020-02-01 / 2020-02-07
created : 2023-08-21T15:23:30



Tropomi SWIR background noise (swir)

orbits : [2212, 12022]
coverage : 2018-03-18 / 2020-02-07
created : 2023-08-21T15:23:30

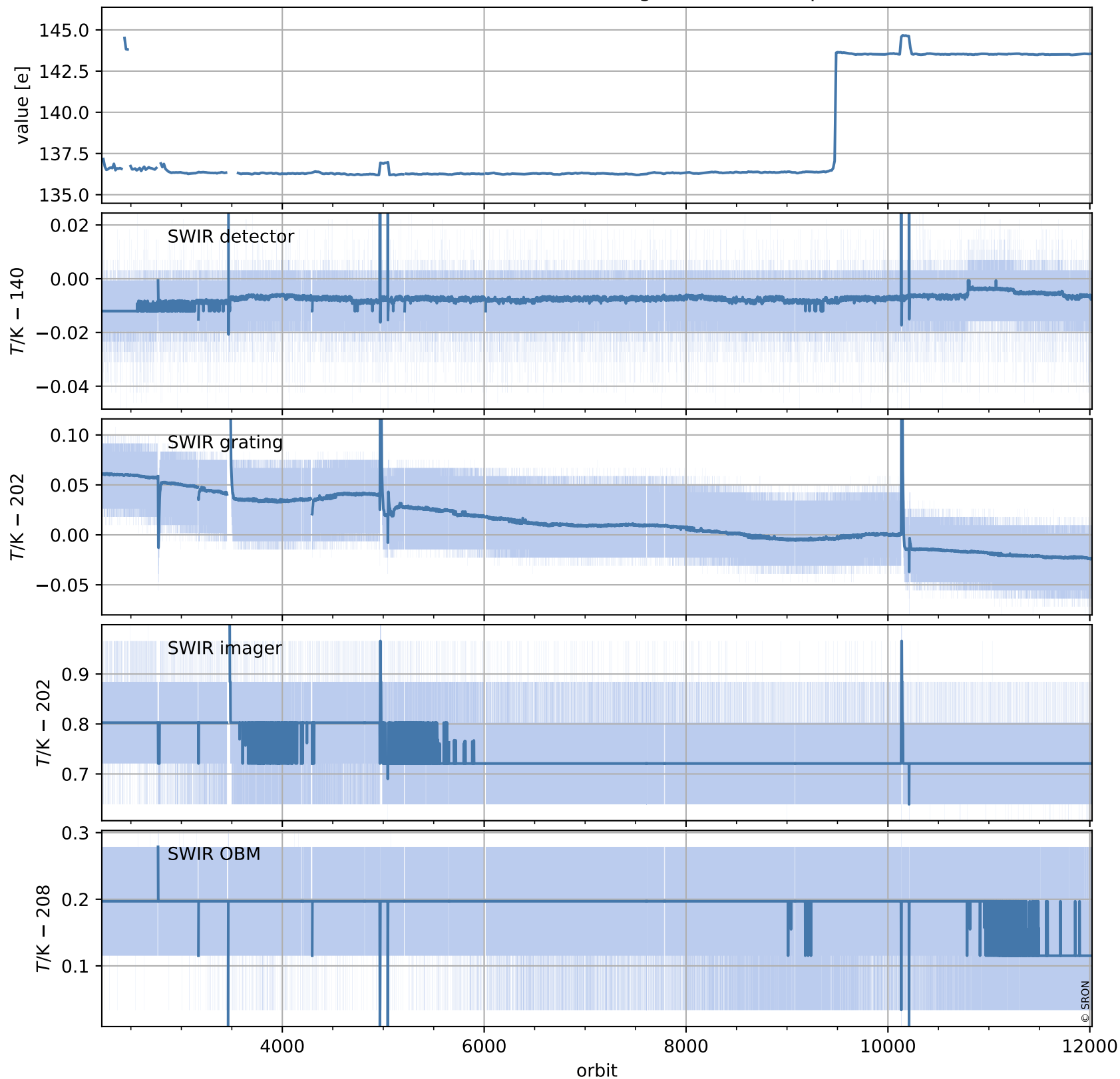
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12022]
coverage : 2018-03-18 / 2020-02-07
created : 2023-08-21T15:23:31

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 12022]
coverage : 2018-03-18 / 2020-02-07
created : 2023-08-21T15:23:31

trend of normalized read-noise & temperatures

