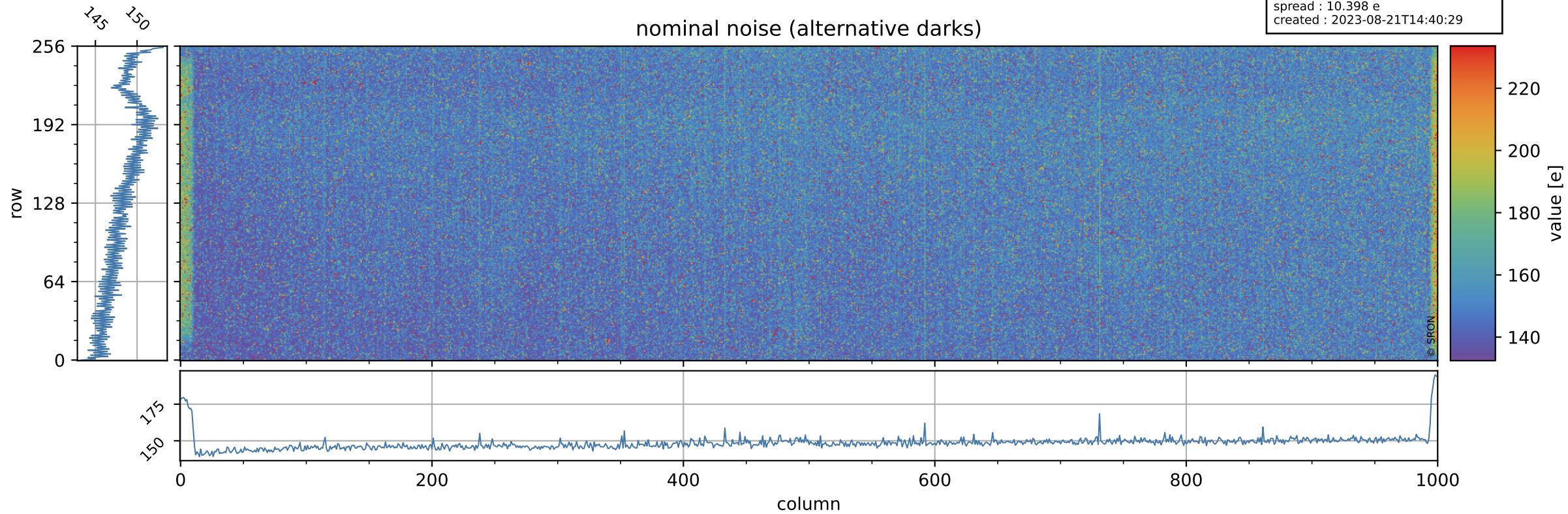


Tropomi SWIR background noise (swir)

orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
n_coad, t_exp : 1, 1.0783
median : 148.25 e
spread : 10.398 e
created : 2023-08-21T14:40:29

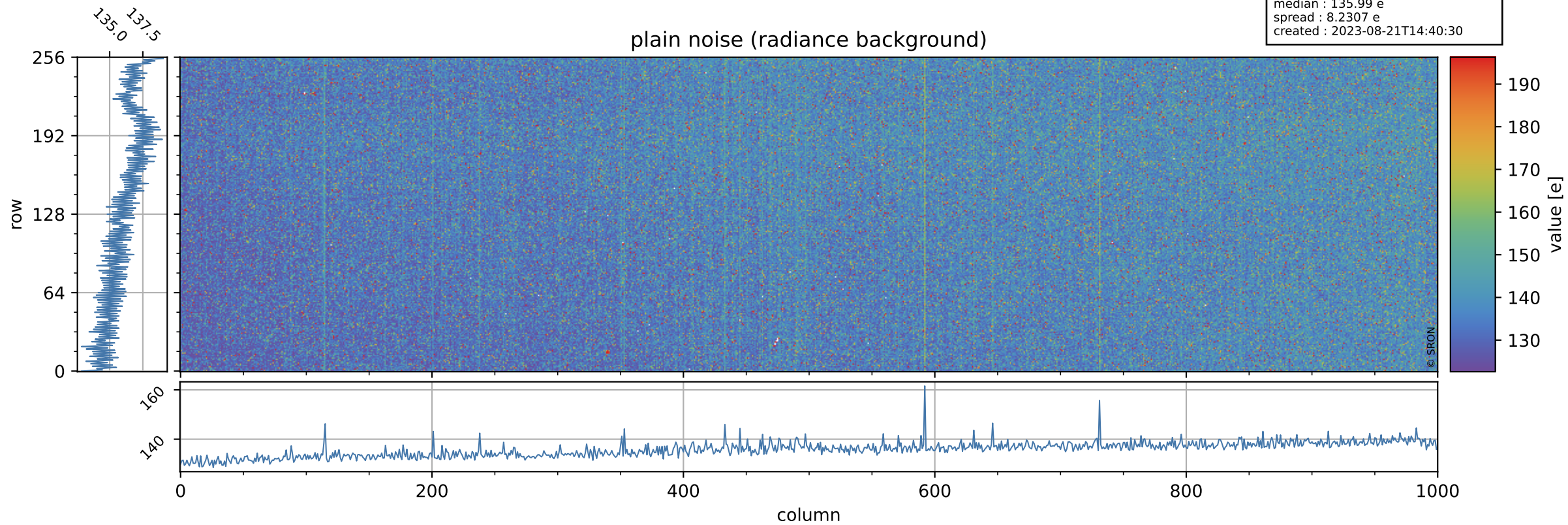
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2307 e
created : 2023-08-21T14:40:30

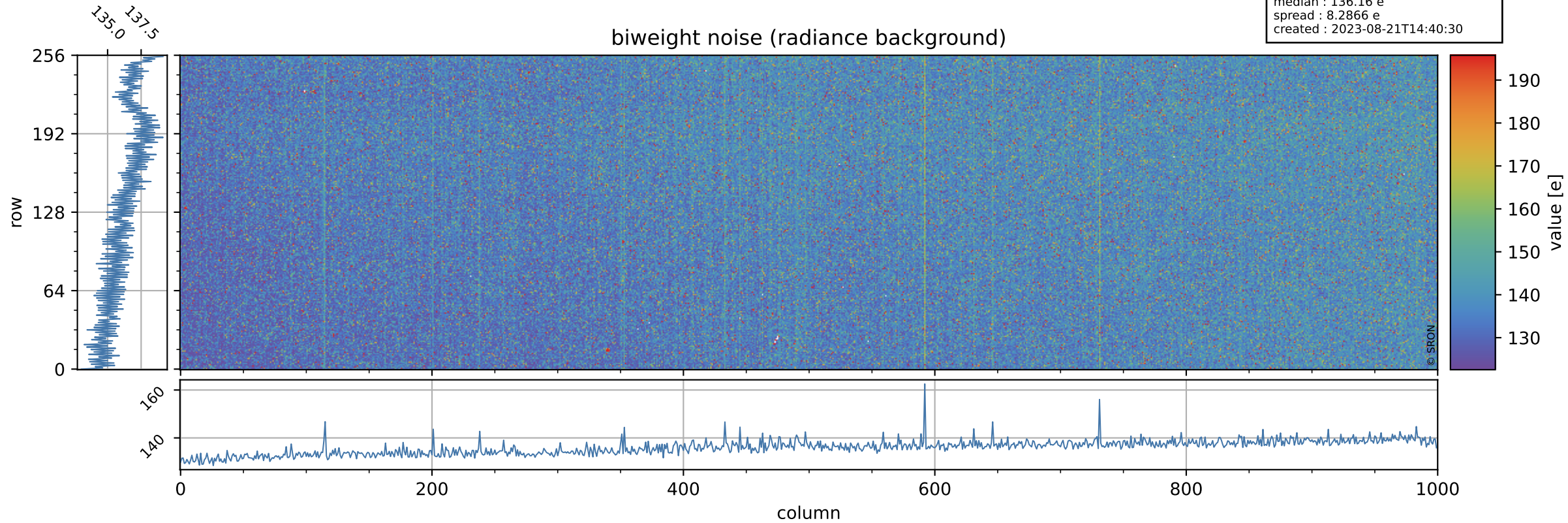
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2866 e
created : 2023-08-21T14:40:30

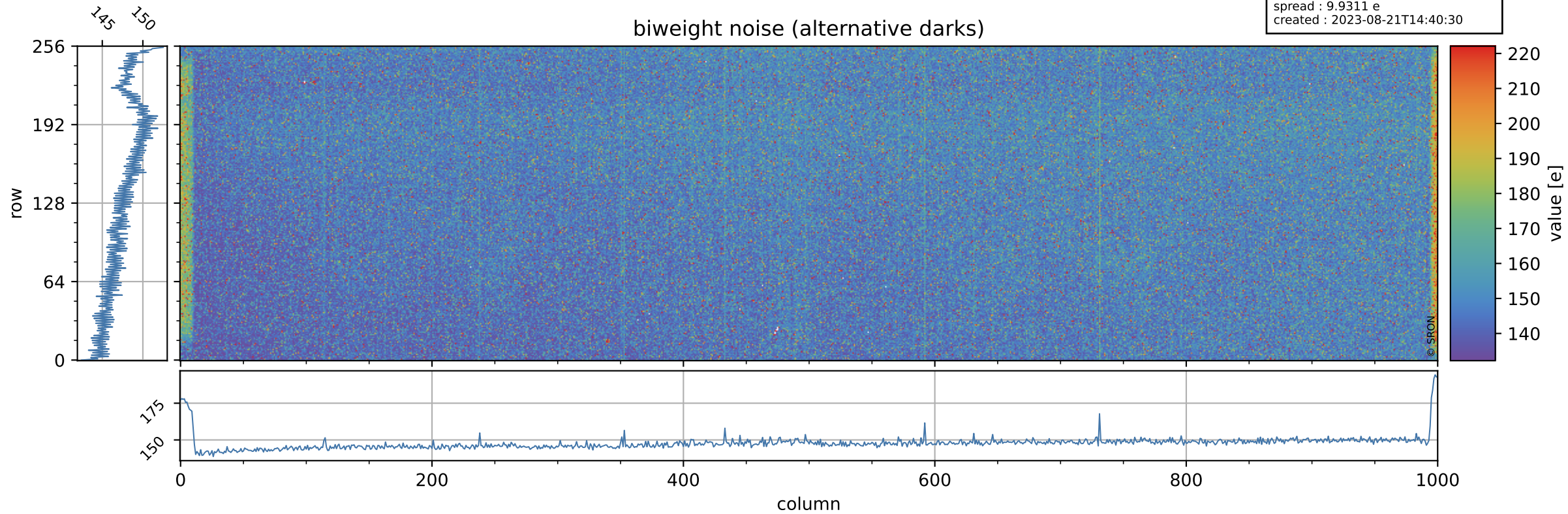
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
n_coad, t_exp : 1, 1.0783
median : 147.54 e
spread : 9.9311 e
created : 2023-08-21T14:40:30

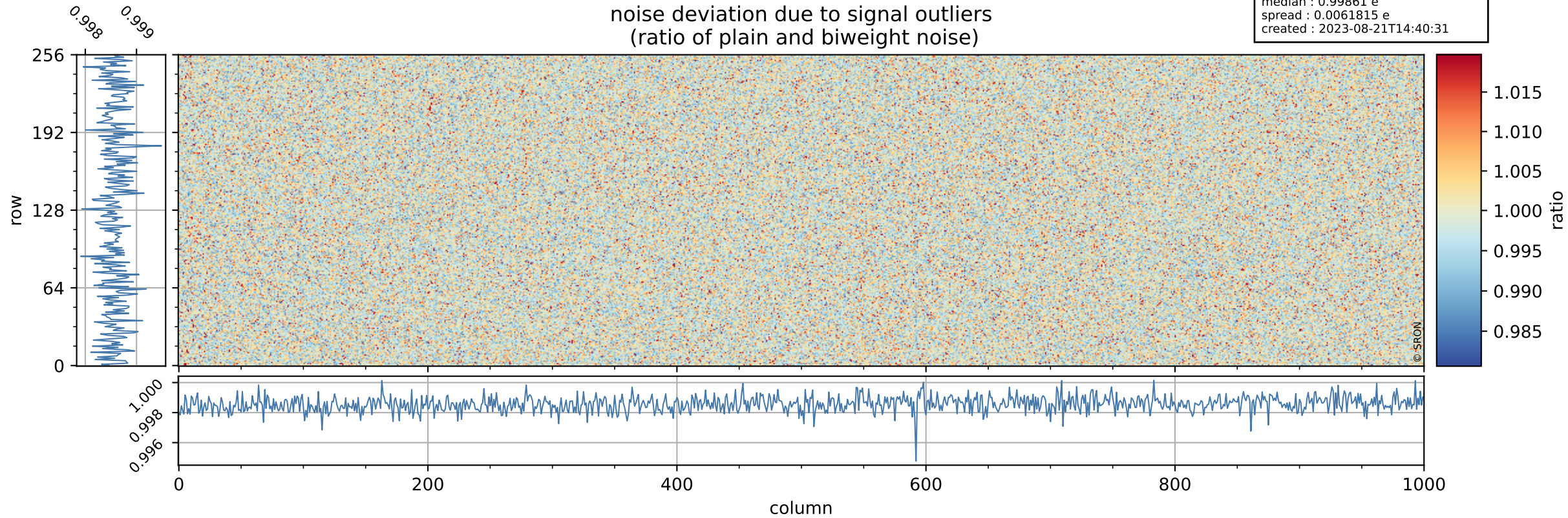
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

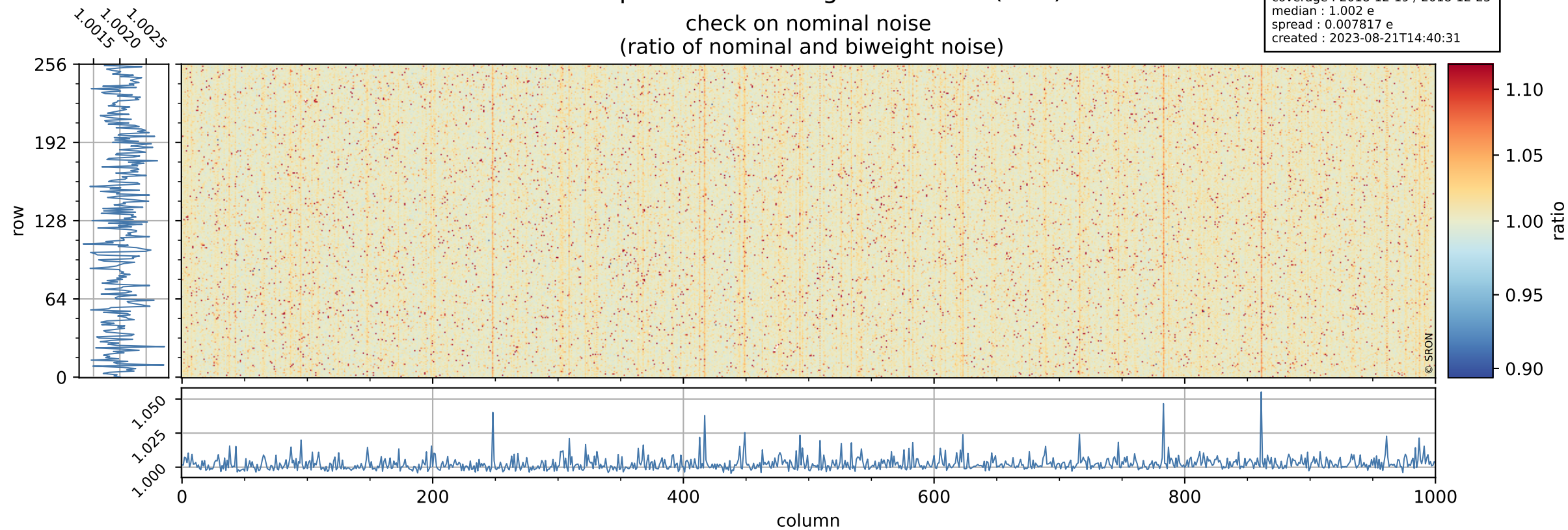
orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
median : 0.99861 e
spread : 0.0061815 e
created : 2023-08-21T14:40:31



Tropomi SWIR background noise (swir)

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

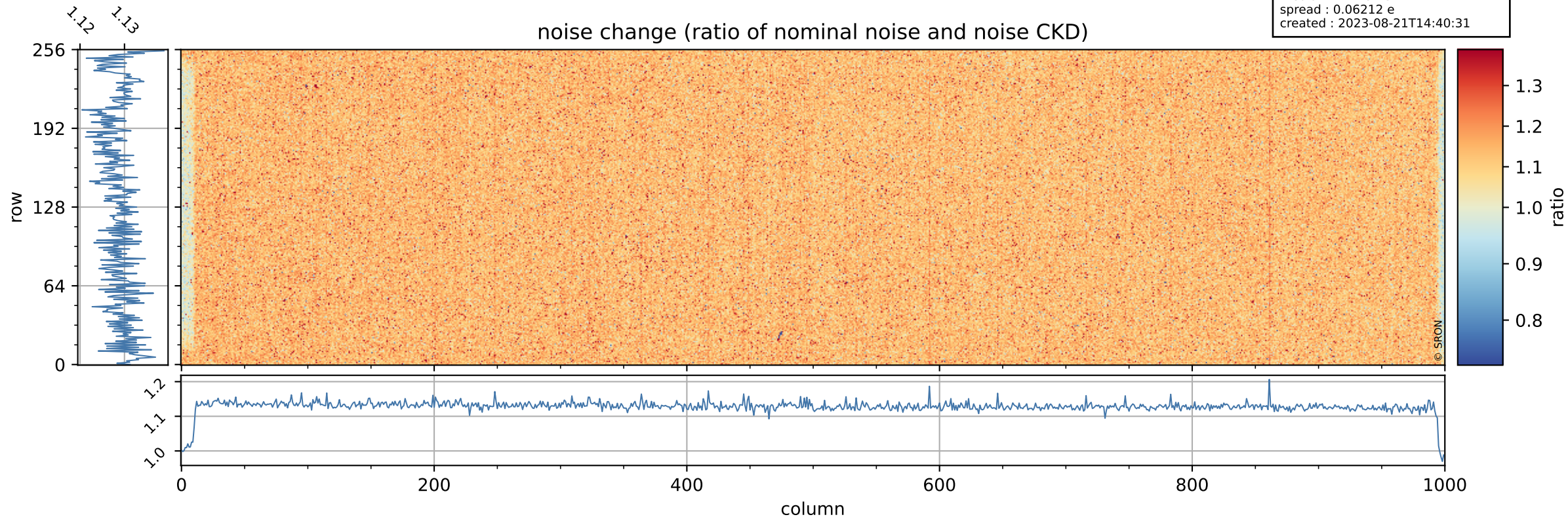
orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
median : 1.002 e
spread : 0.007817 e
created : 2023-08-21T14:40:31



Tropomi SWIR background noise (swir)

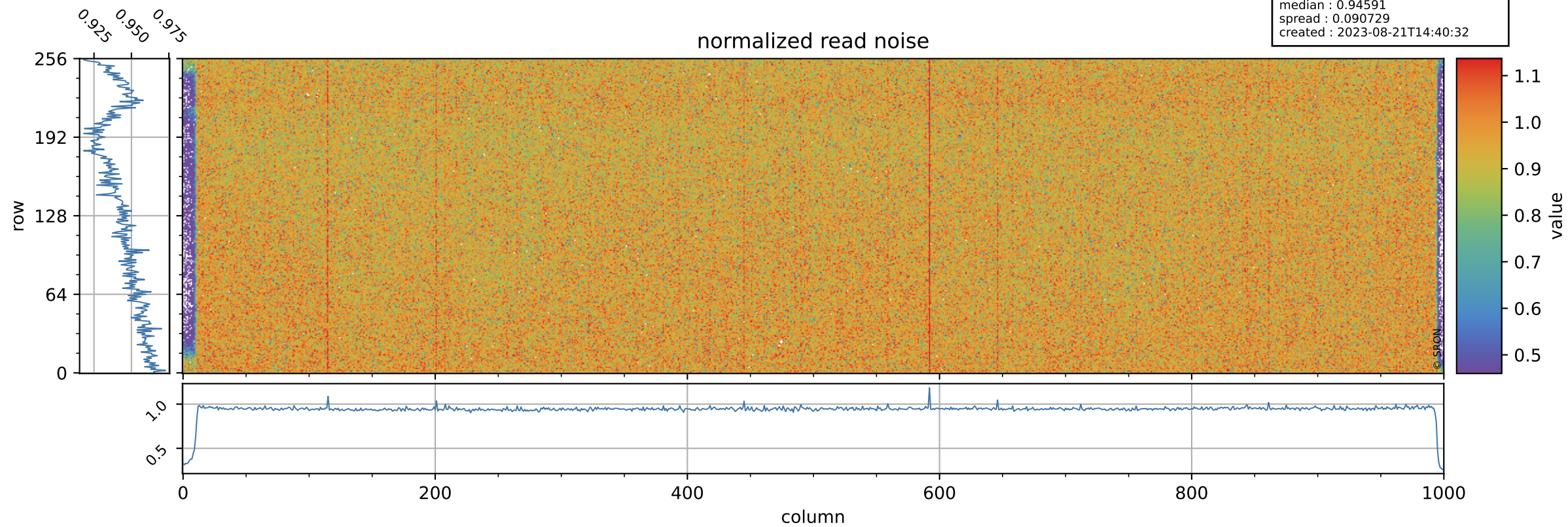
orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
median : 1.1282 e
spread : 0.06212 e
created : 2023-08-21T14:40:31

noise change (ratio of nominal noise and noise CKD)



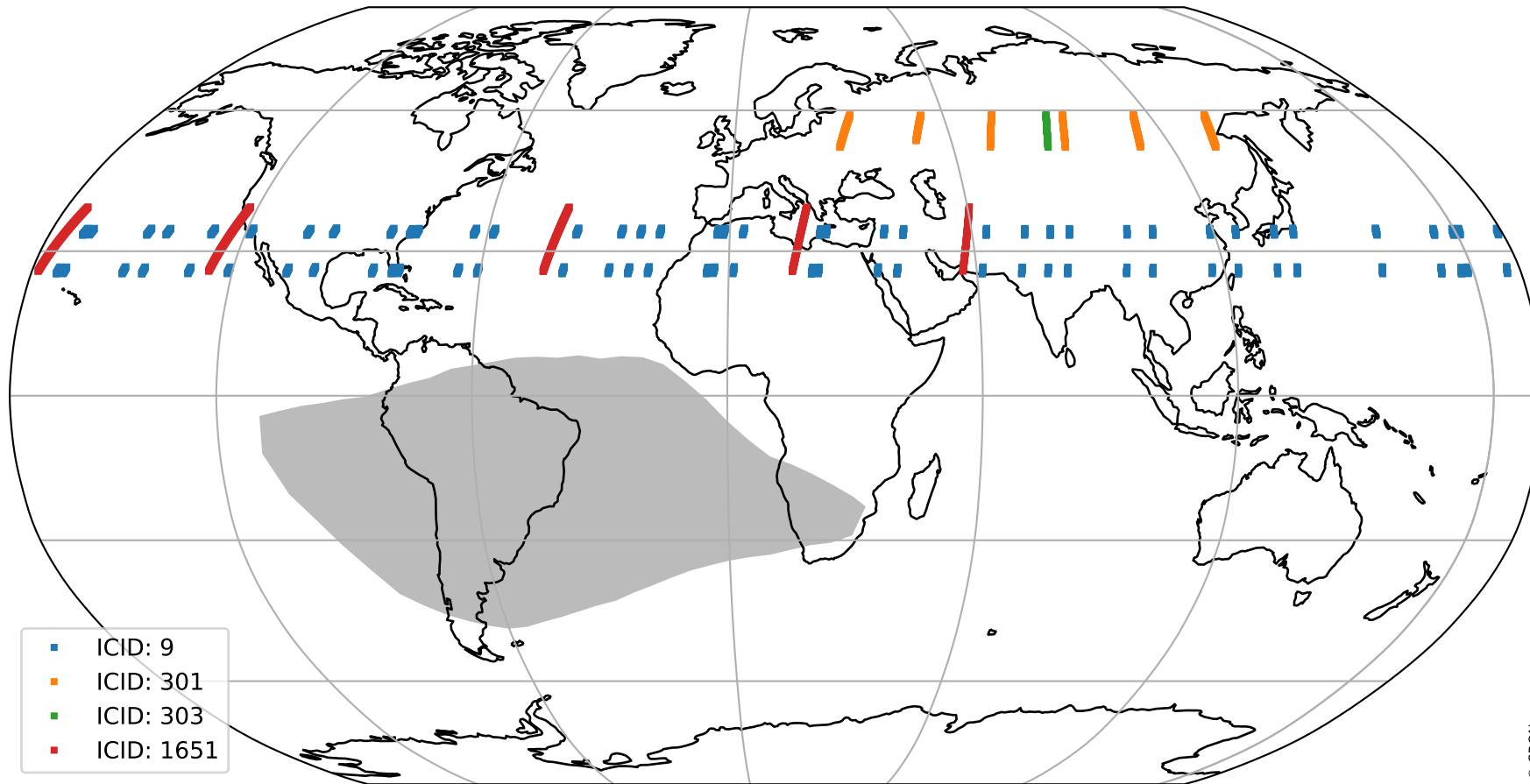
Tropomi SWIR background noise (swir)

orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
median : 0.94591
spread : 0.090729
created : 2023-08-21T14:40:32



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

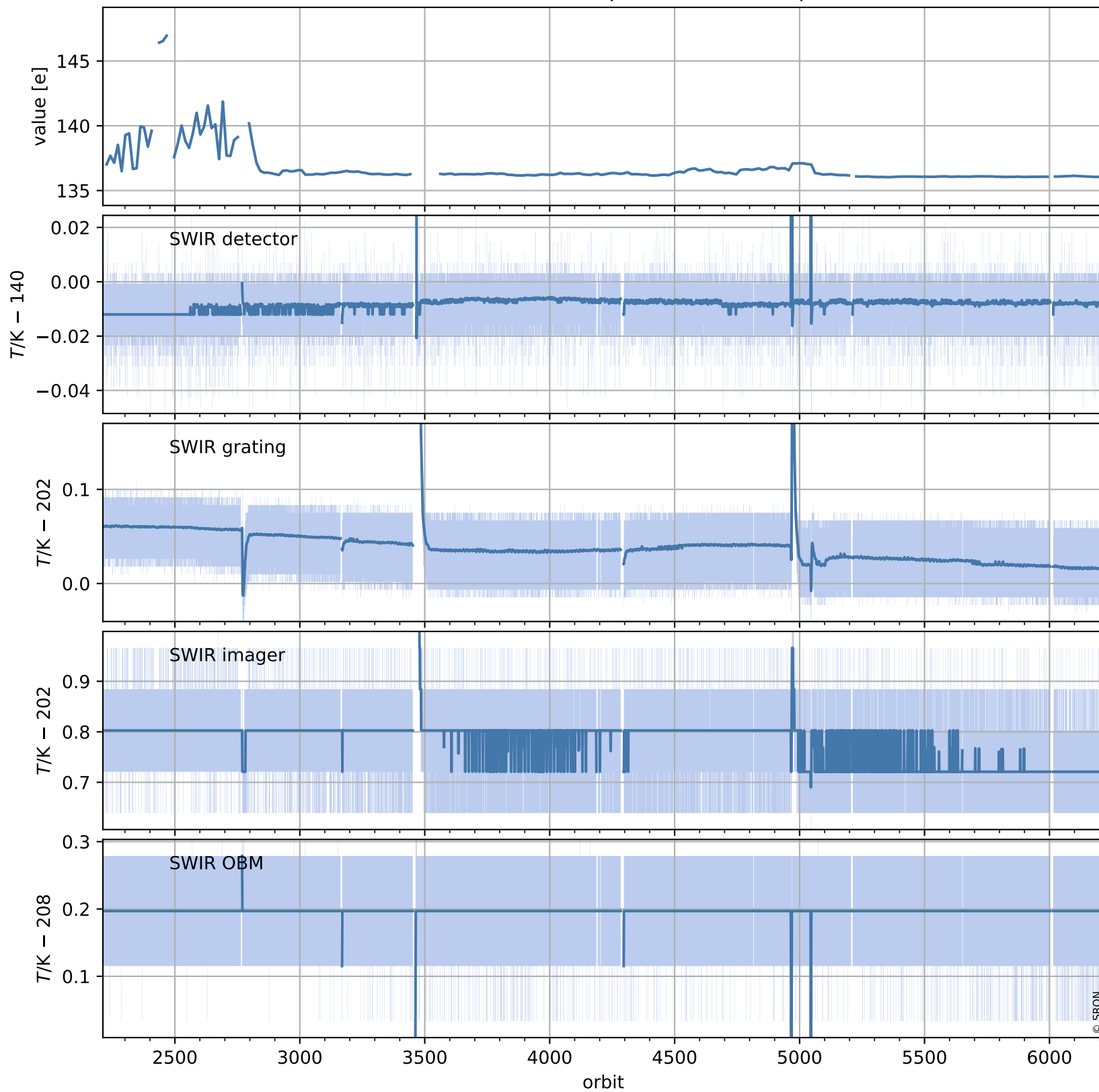
orbits : 12 in [6142, 6217]
coverage : 2018-12-19 / 2018-12-25
created : 2023-08-21T14:40:32



Tropomi SWIR background noise (swir)

orbits : [2212, 6217]
coverage : 2018-03-18 / 2018-12-25
created : 2023-08-21T14:40:32

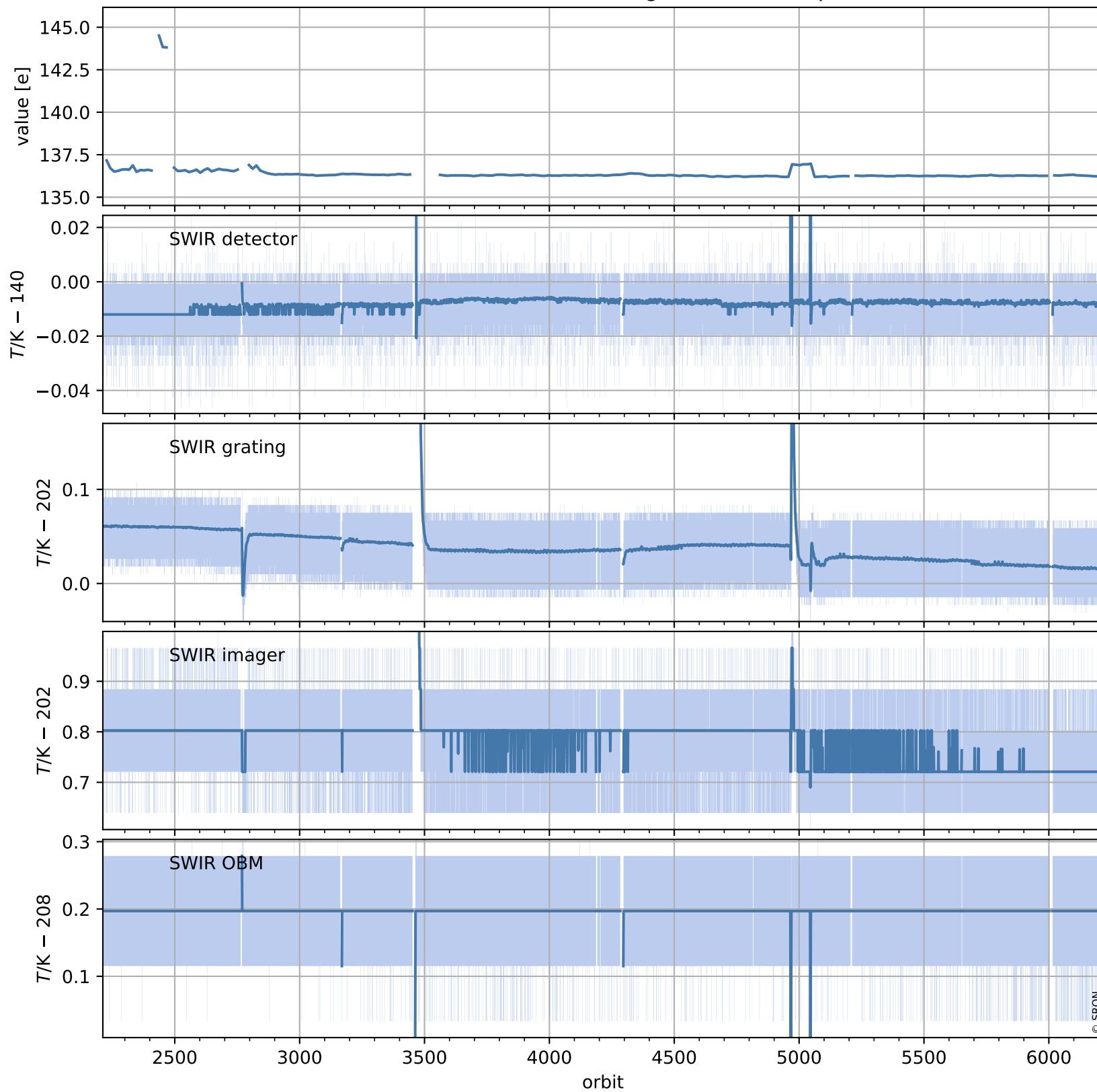
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6217]
coverage : 2018-03-18 / 2018-12-25
created : 2023-08-21T14:40:33

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6217]
coverage : 2018-03-18 / 2018-12-25
created : 2023-08-21T14:40:33

trend of normalized read-noise & temperatures

