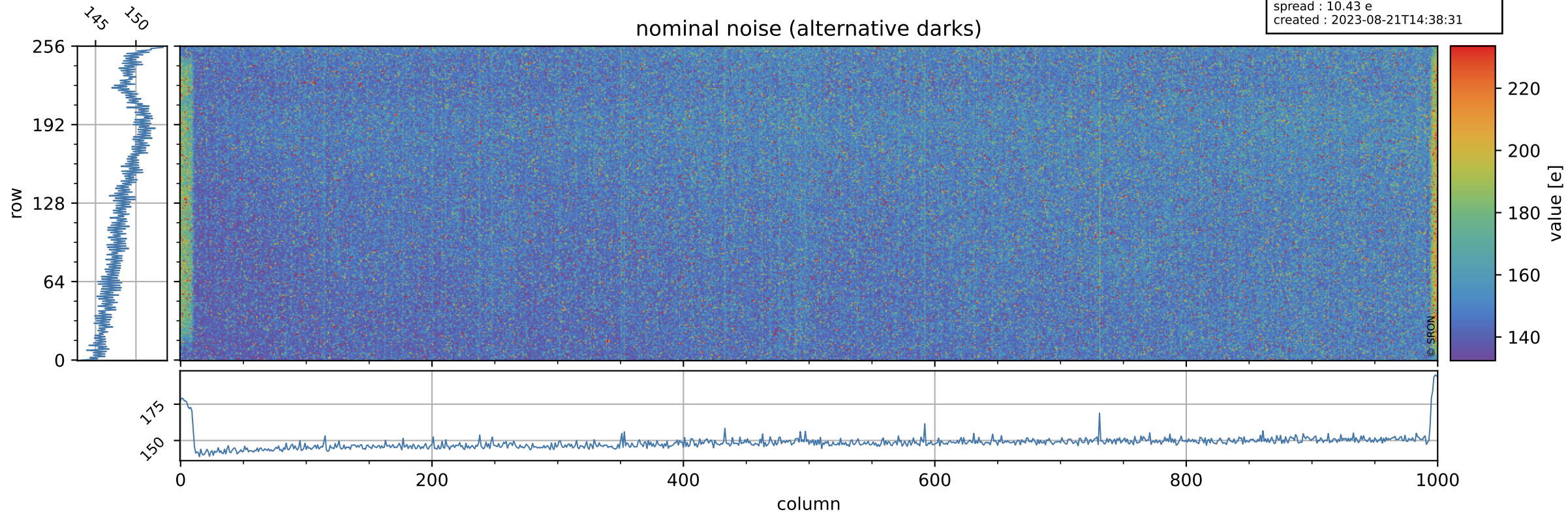


Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
n_coad, t_exp : 1, 1.0783
median : 148.35 e
spread : 10.43 e
created : 2023-08-21T14:38:31

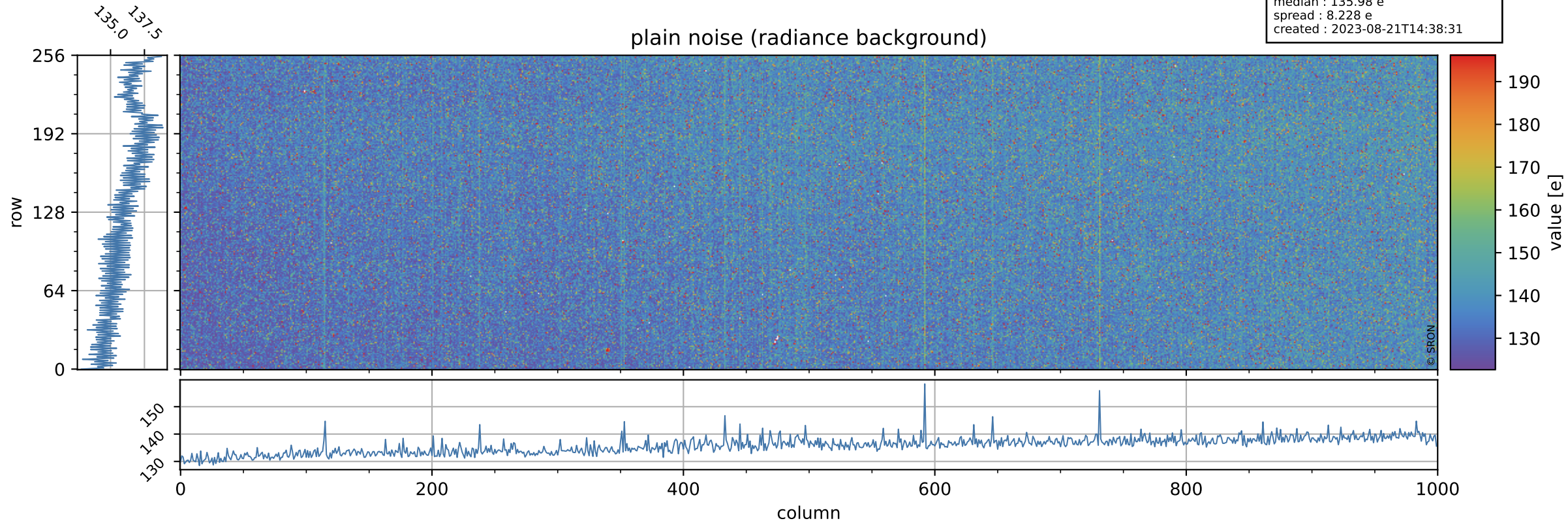
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
n_coad, t_exp : 2, 0.5383
median : 135.98 e
spread : 8.228 e
created : 2023-08-21T14:38:31

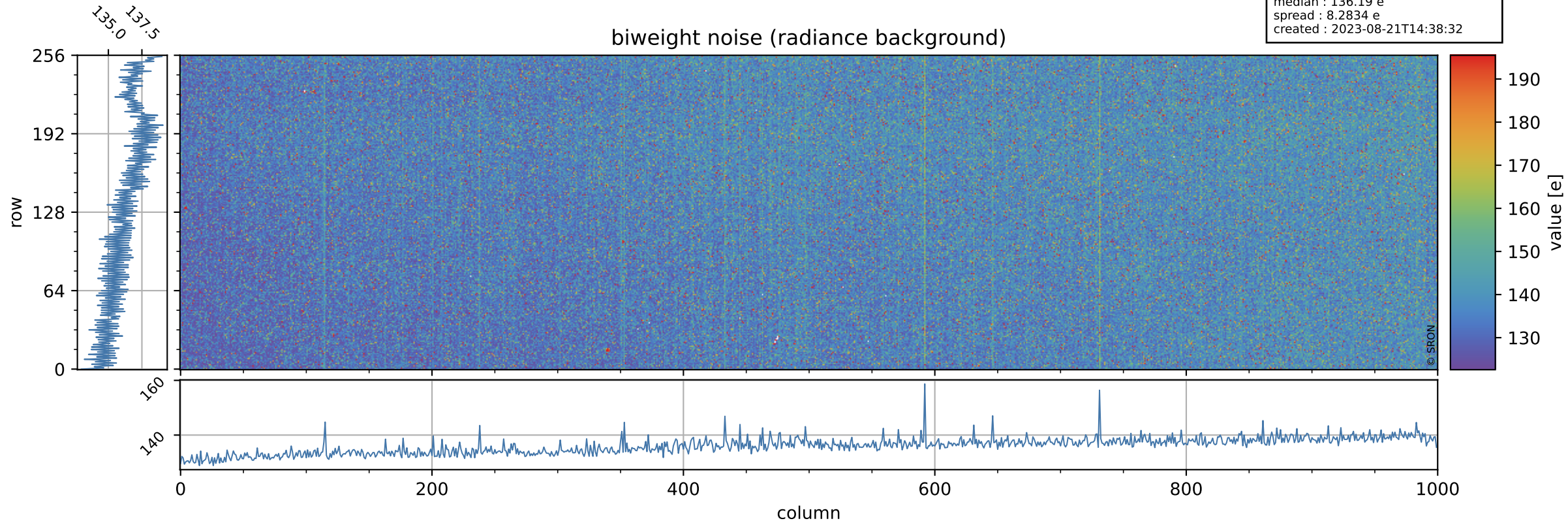
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.2834 e
created : 2023-08-21T14:38:32

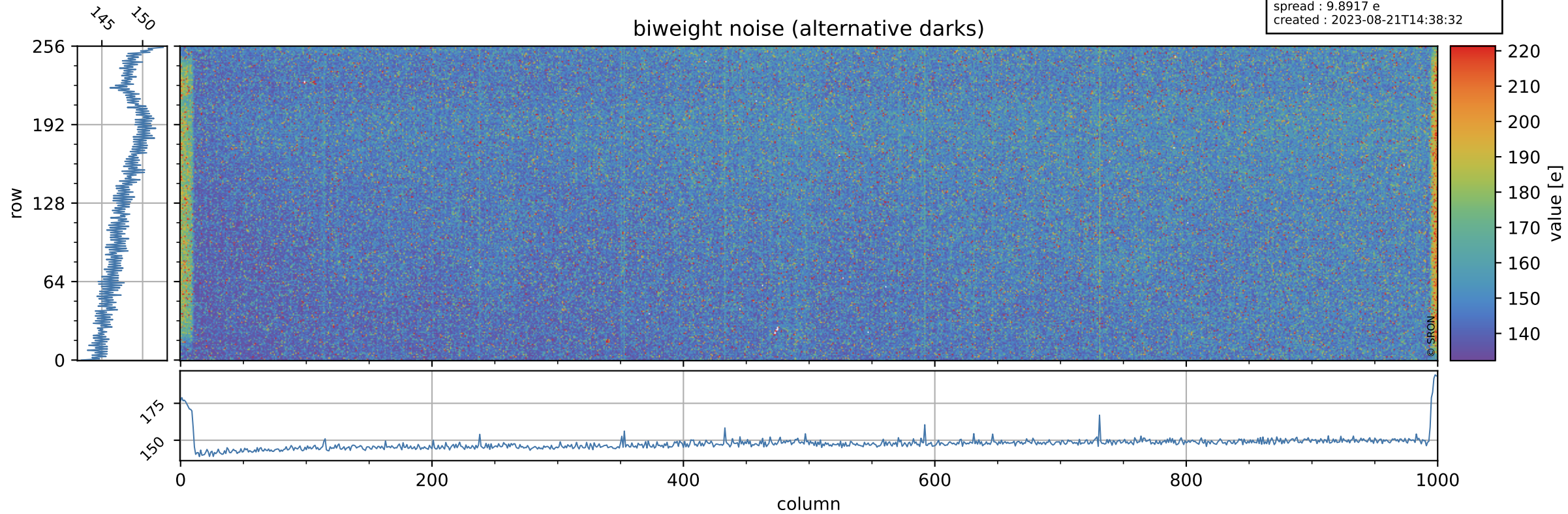
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
n_coad, t_exp : 1, 1.0783
median : 147.56 e
spread : 9.8917 e
created : 2023-08-21T14:38:32

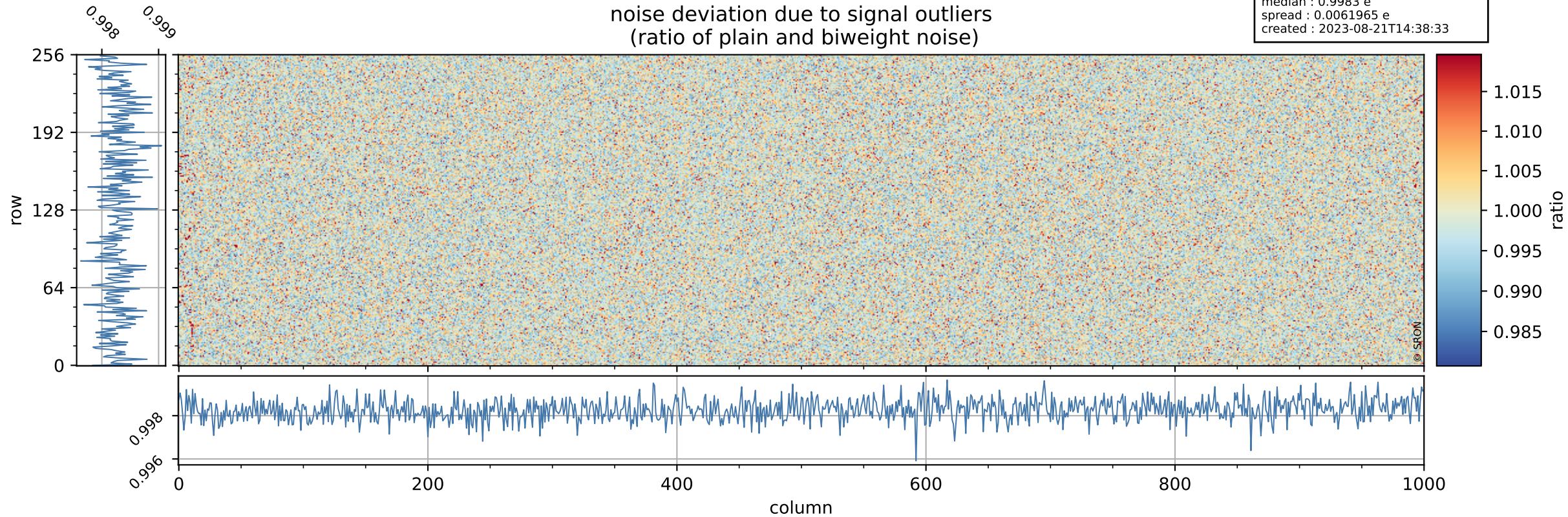
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

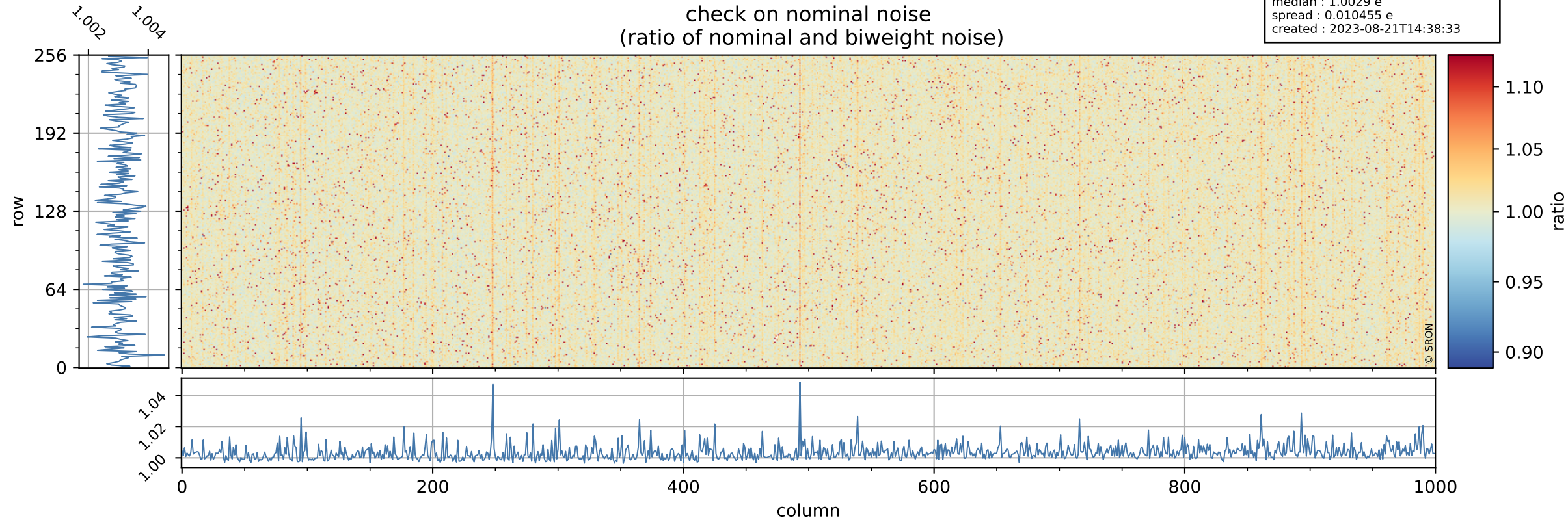
orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
median : 0.9983 e
spread : 0.0061965 e
created : 2023-08-21T14:38:33



Tropomi SWIR background noise (swir)

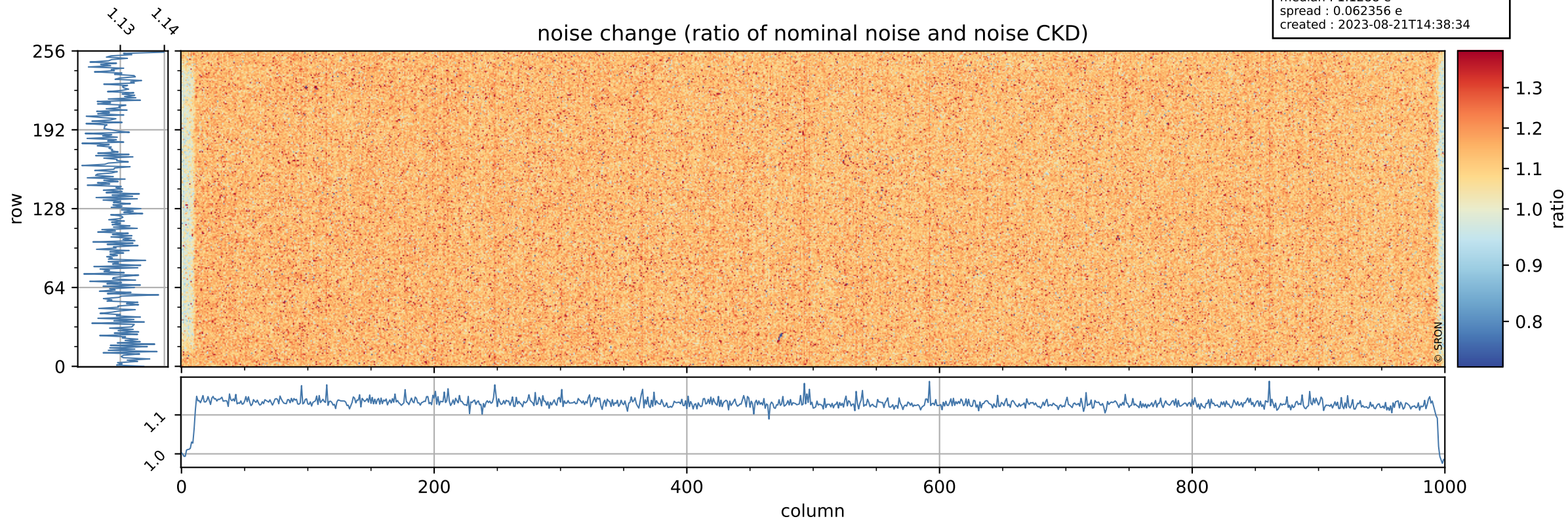
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
median : 1.0029 e
spread : 0.010455 e
created : 2023-08-21T14:38:33



Tropomi SWIR background noise (swir)

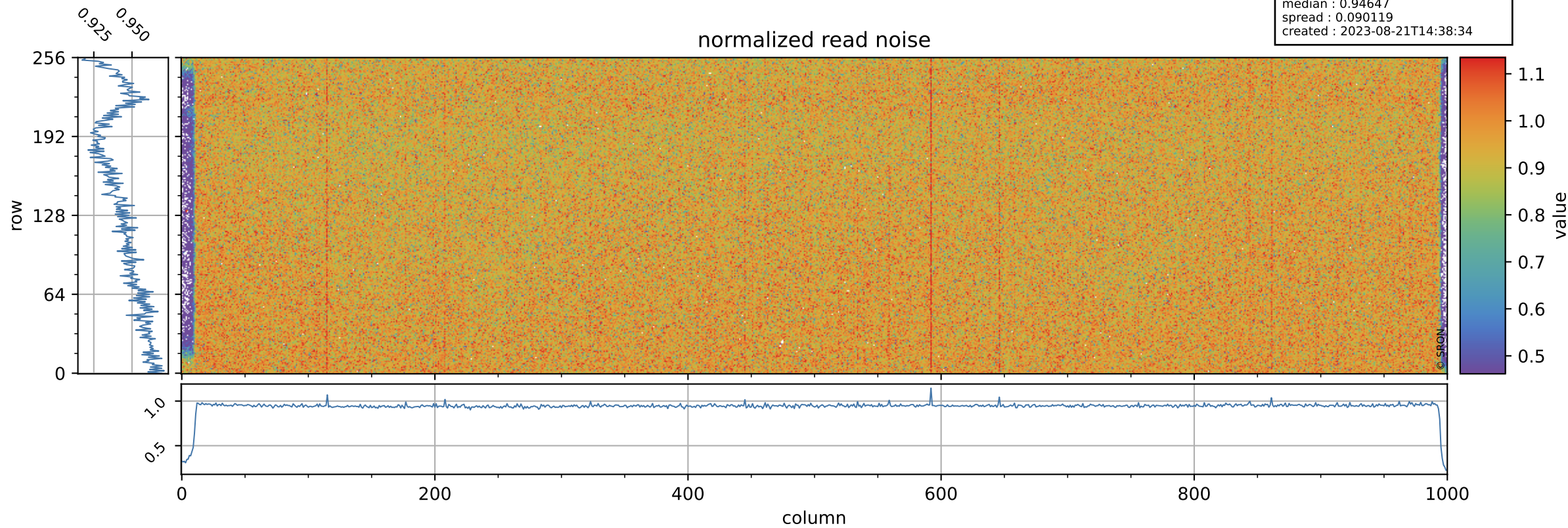
orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
median : 1.1288 e
spread : 0.062356 e
created : 2023-08-21T14:38:34



Tropomi SWIR background noise (swir)

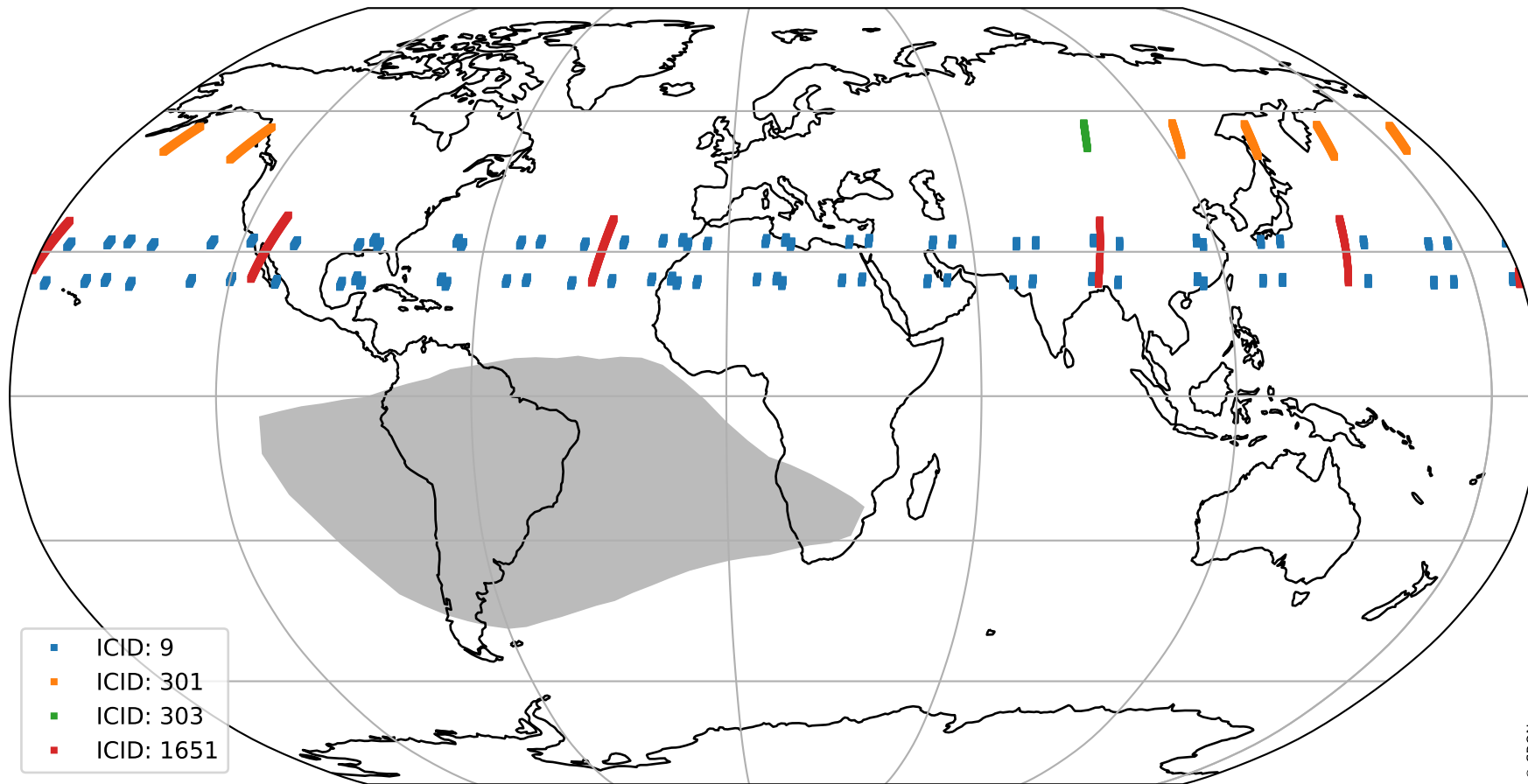
orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
median : 0.94647
spread : 0.090119
created : 2023-08-21T14:38:34

normalized read noise



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

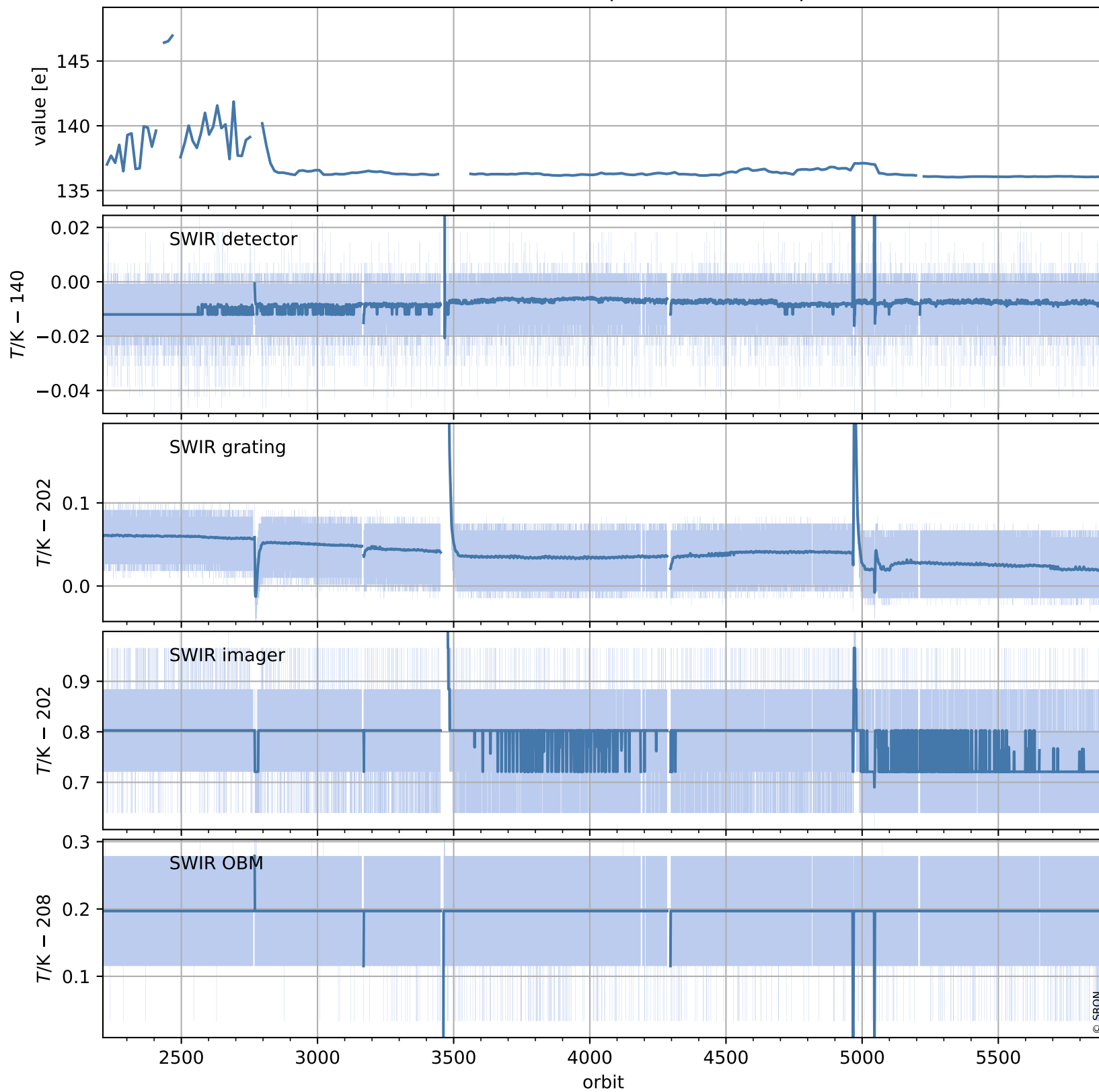
orbits : 12 in [5797, 5887]
coverage : 2018-11-26 / 2018-12-02
created : 2023-08-21T14:38:34



Tropomi SWIR background noise (swir)

orbits : [2212, 5887]
coverage : 2018-03-18 / 2018-12-02
created : 2023-08-21T14:38:35

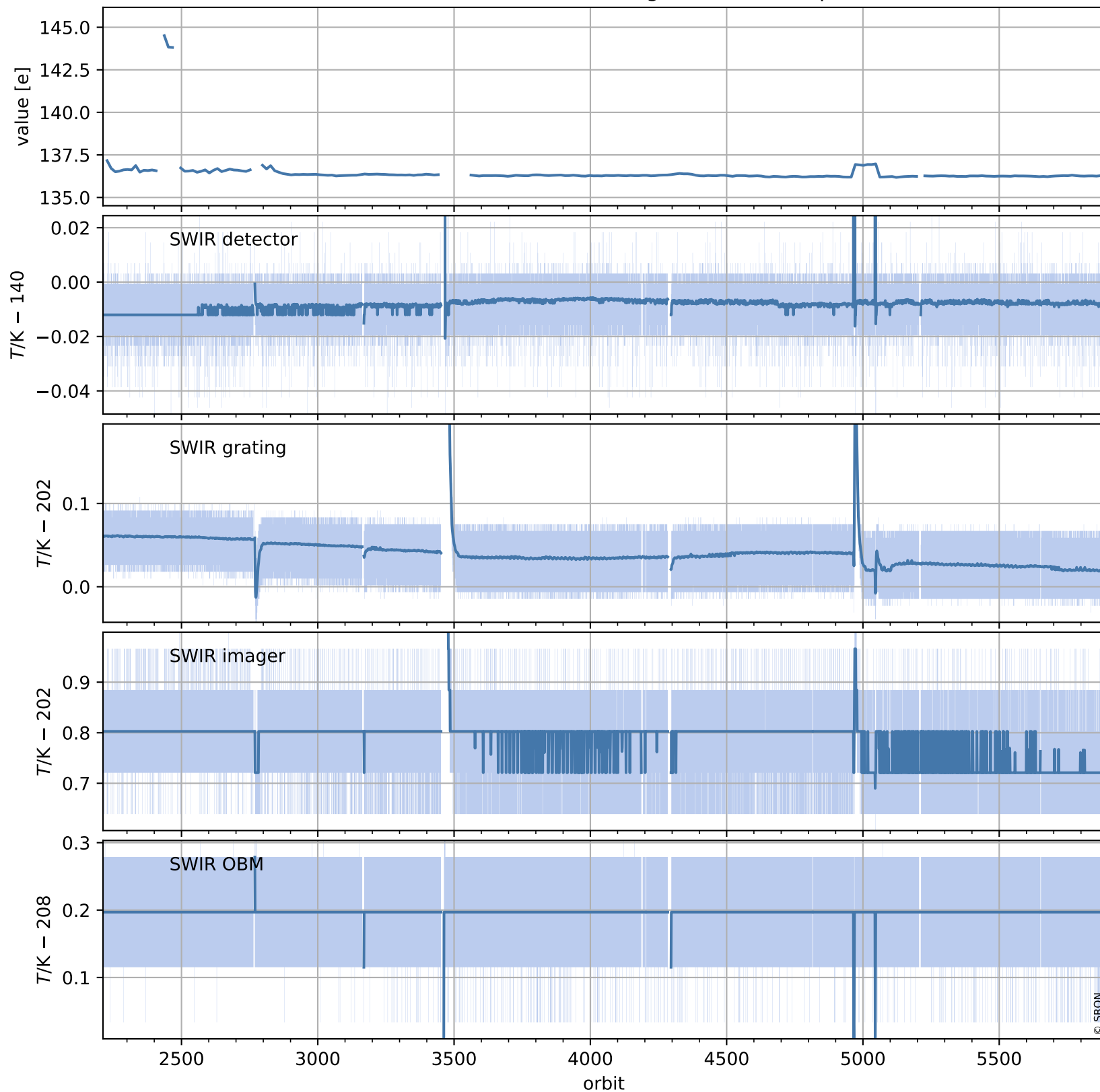
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5887]
coverage : 2018-03-18 / 2018-12-02
created : 2023-08-21T14:38:35

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5887]
coverage : 2018-03-18 / 2018-12-02
created : 2023-08-21T14:38:36

trend of normalized read-noise & temperatures

