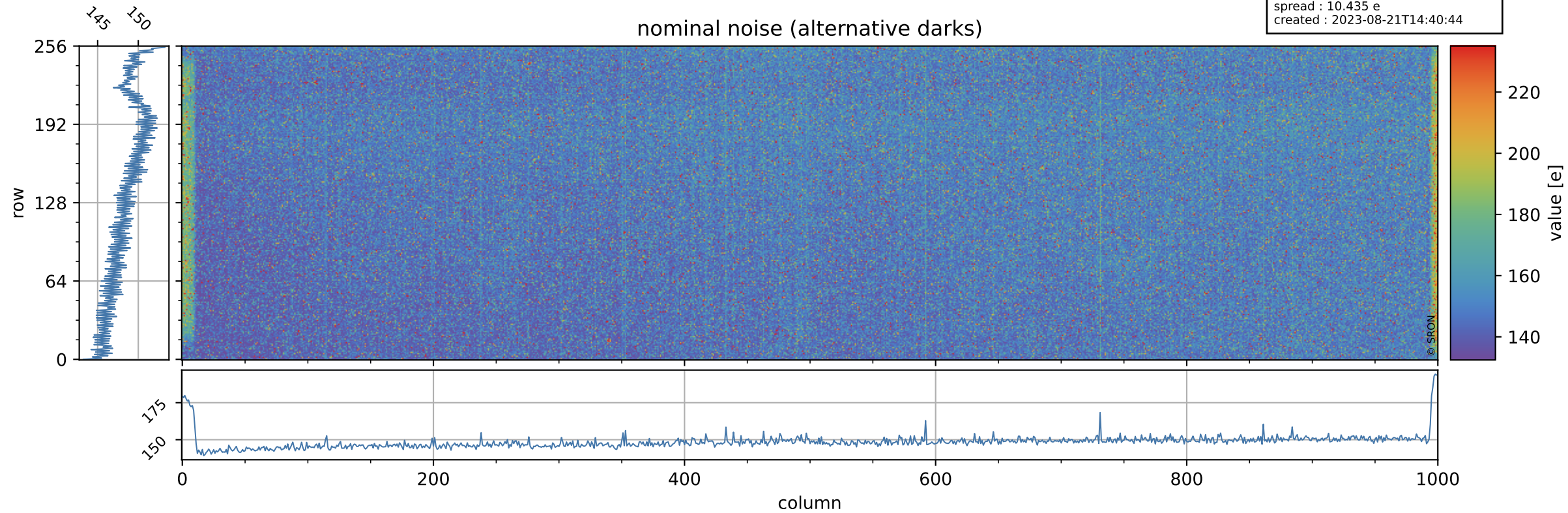


Tropomi SWIR background noise (swir)

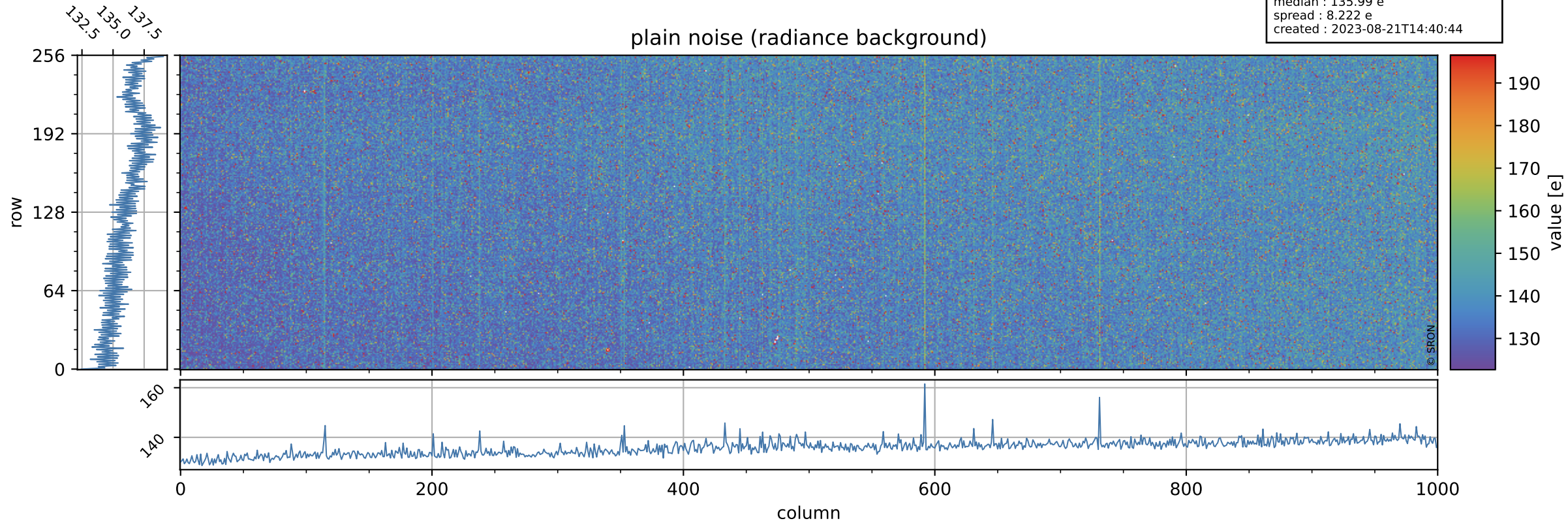
orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.435 e
created : 2023-08-21T14:40:44



Tropomi SWIR background noise (swir)

orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.222 e
created : 2023-08-21T14:40:44

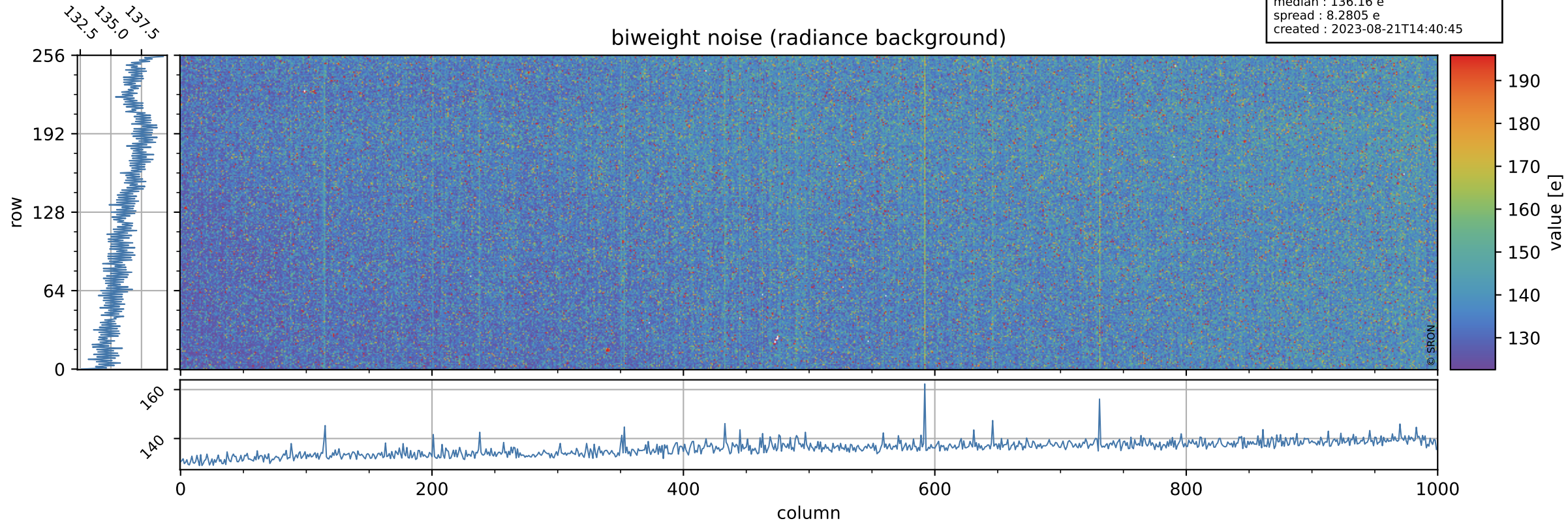
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
n_coad, t_exp : 2, 0.5383
median : 136.16 e
spread : 8.2805 e
created : 2023-08-21T14:40:45

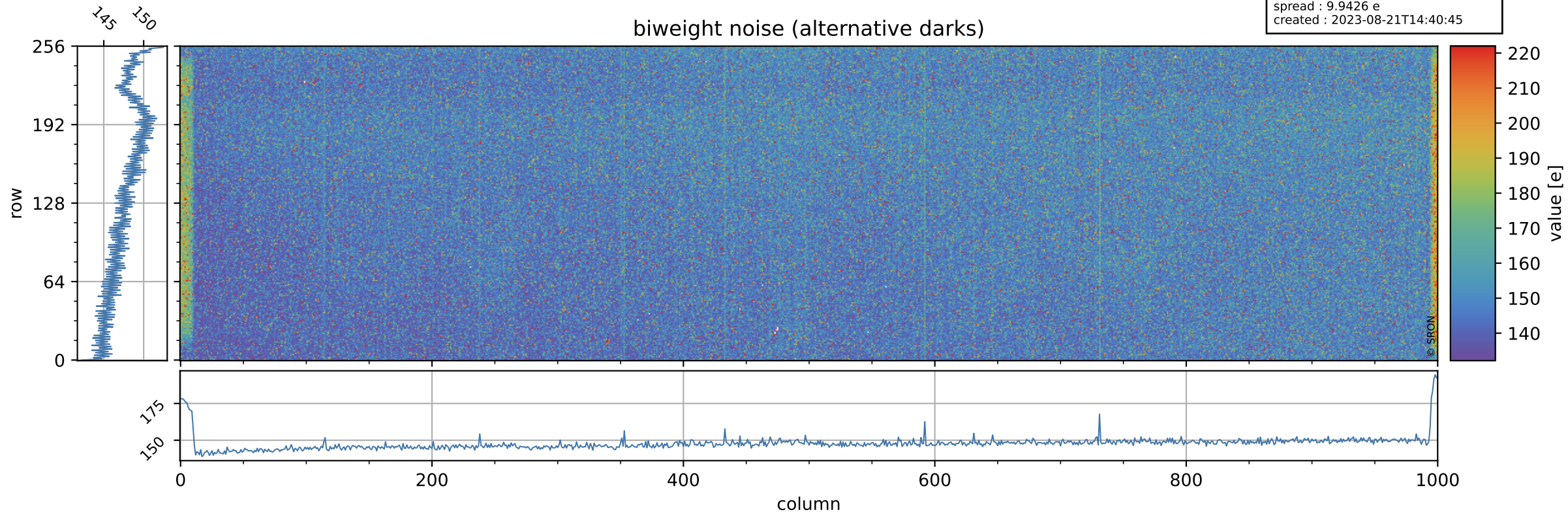
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.9426 e
created : 2023-08-21T14:40:45

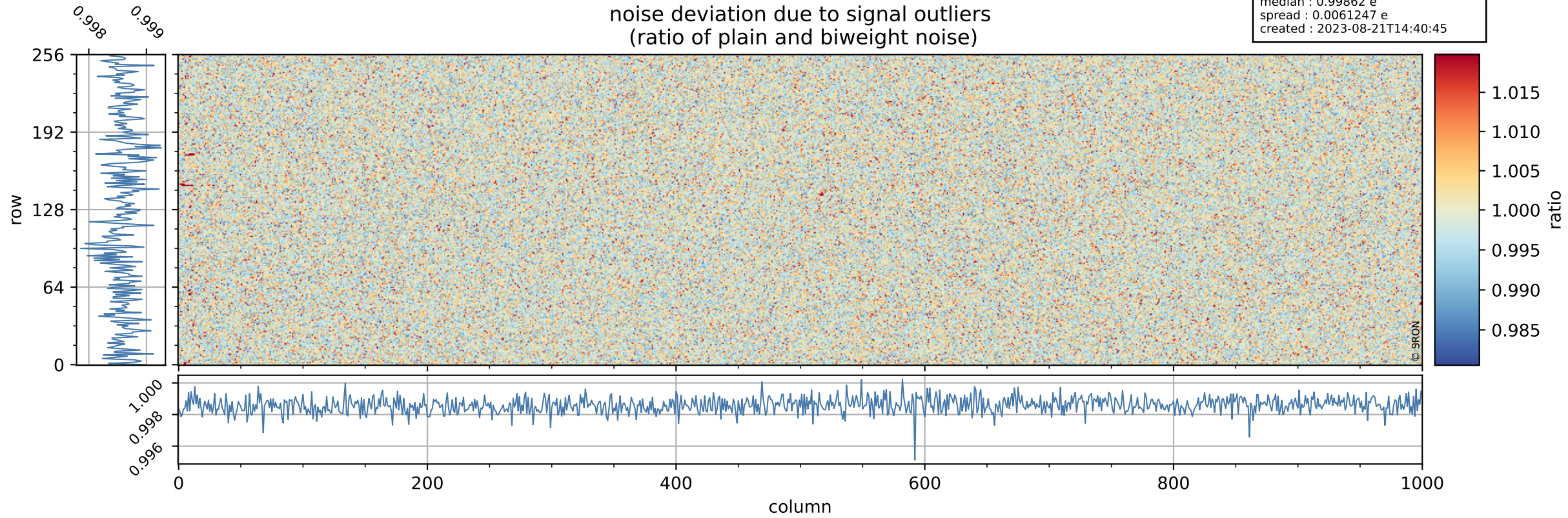
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

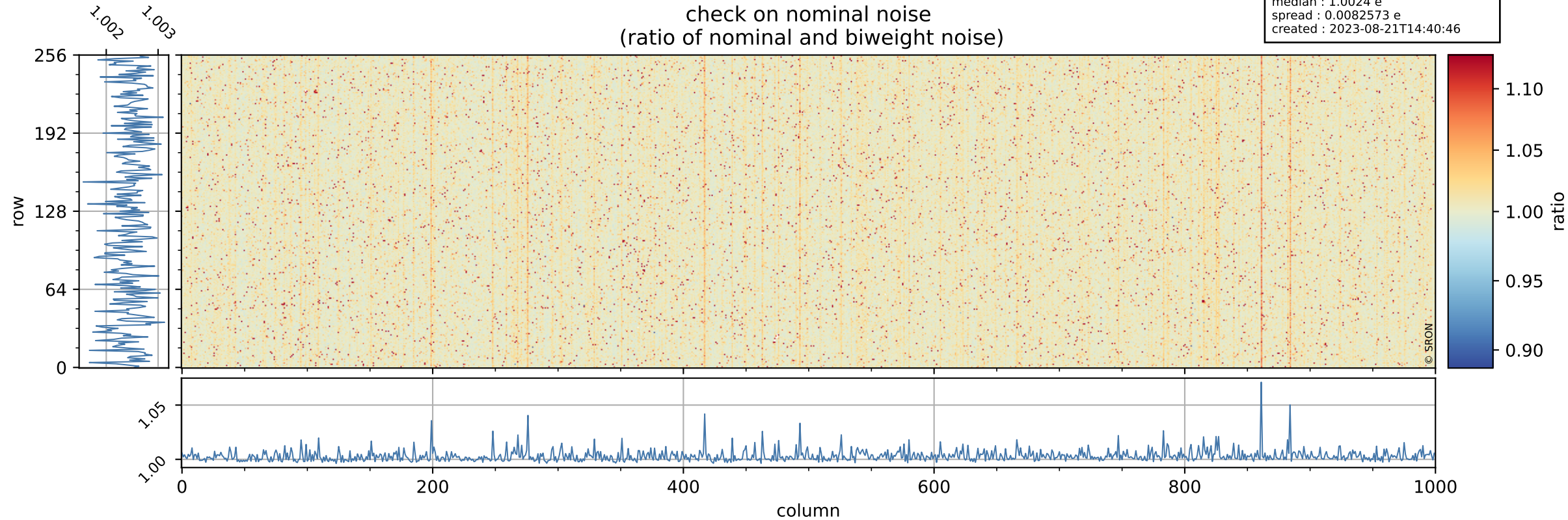
orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
median : 0.99862 e
spread : 0.0061247 e
created : 2023-08-21T14:40:45



Tropomi SWIR background noise (swir)

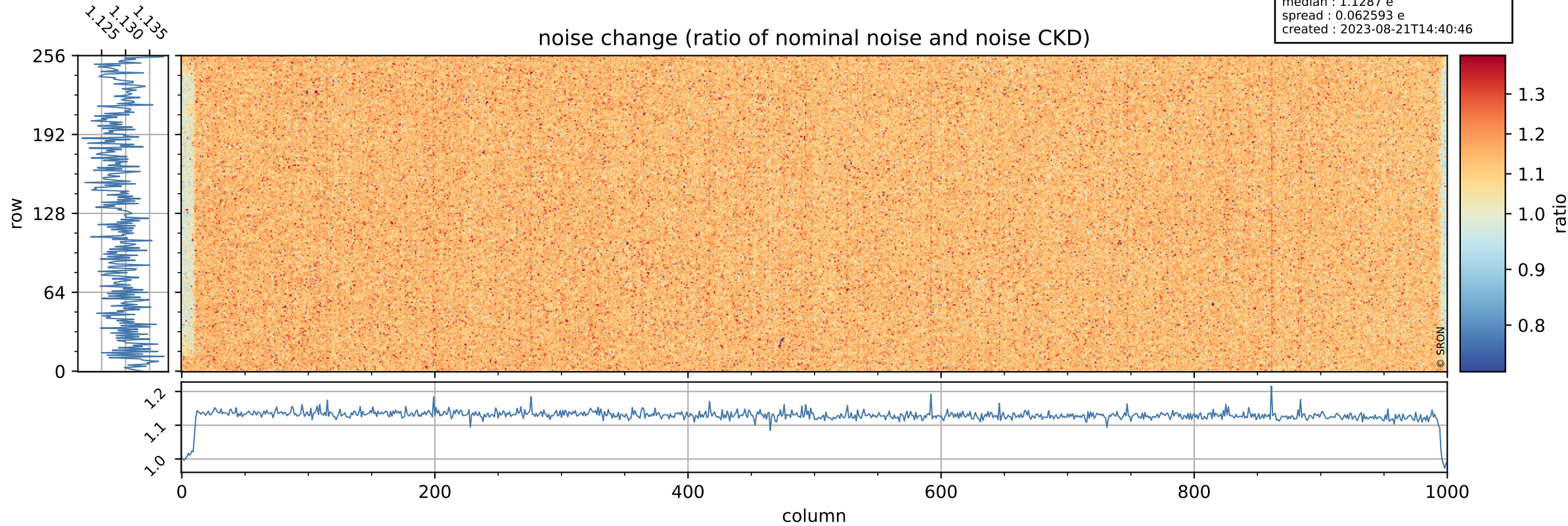
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
median : 1.0024 e
spread : 0.0082573 e
created : 2023-08-21T14:40:46



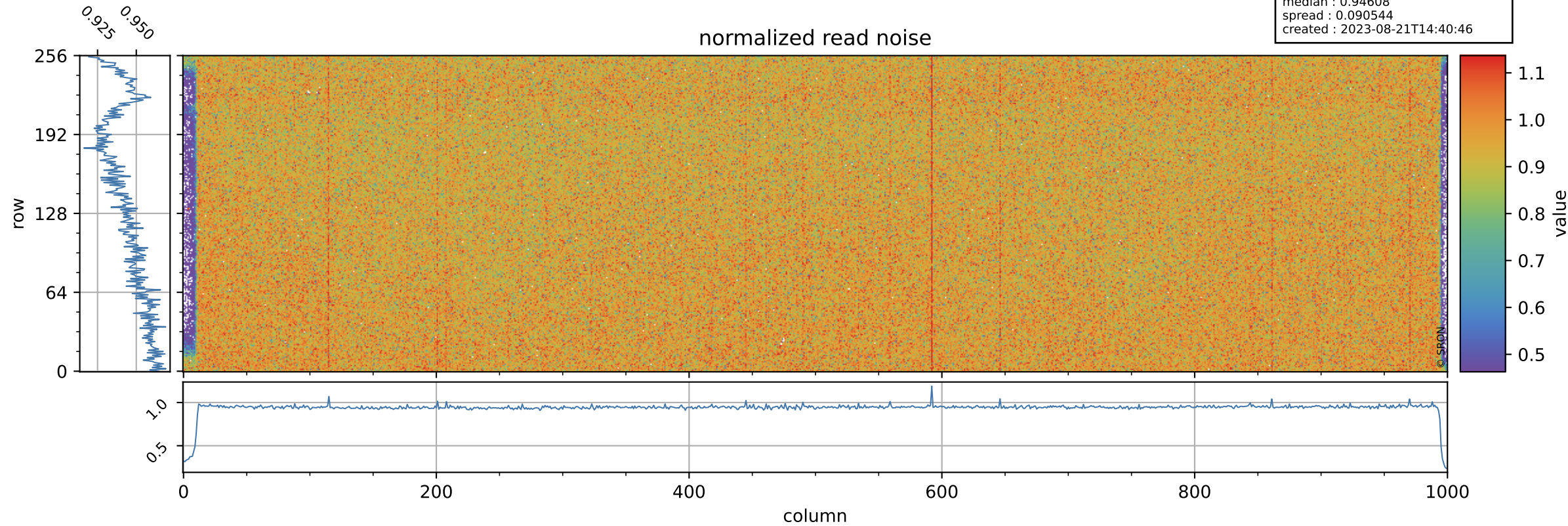
Tropomi SWIR background noise (swir)

orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
median : 1.1287 e
spread : 0.062593 e
created : 2023-08-21T14:40:46



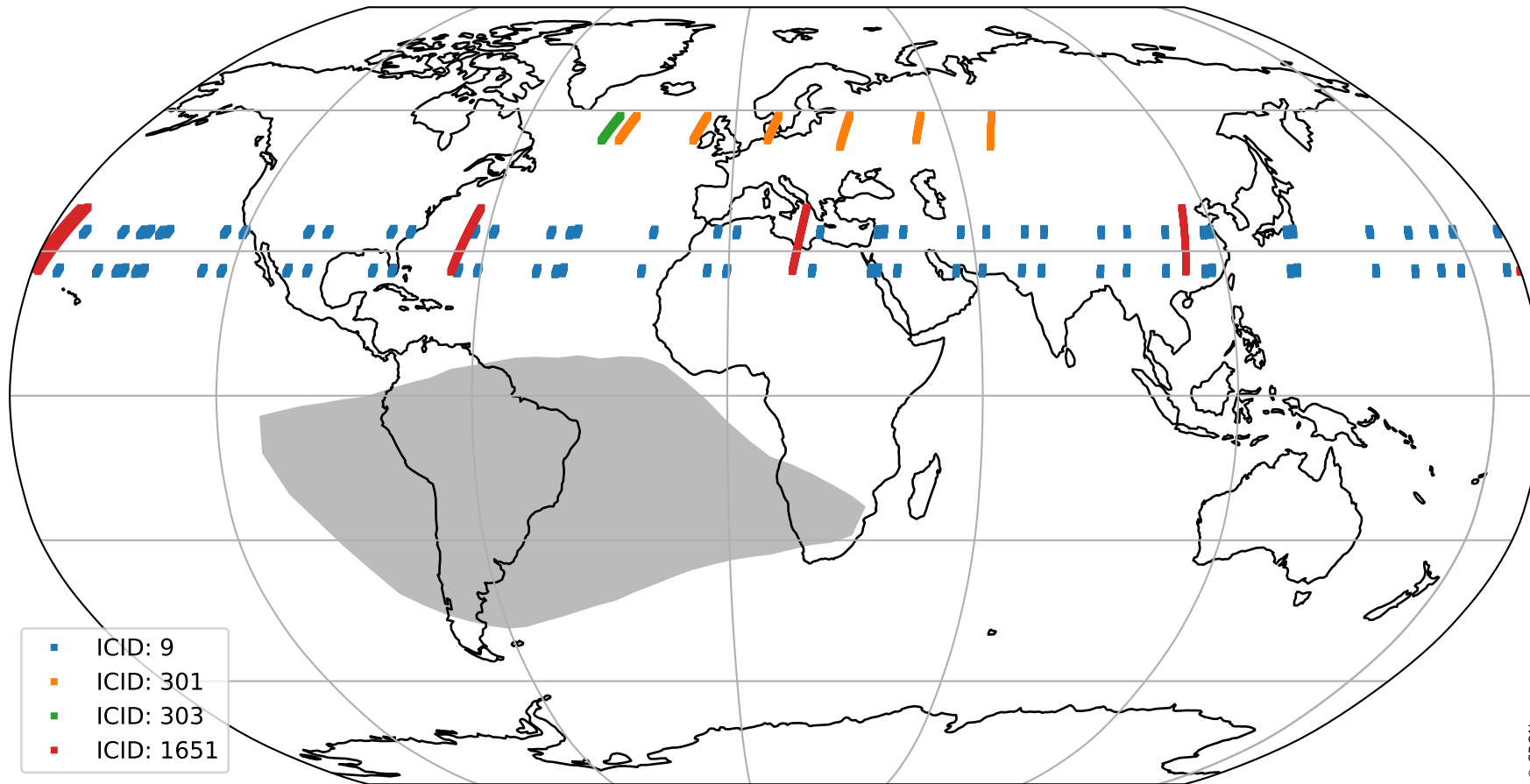
Tropomi SWIR background noise (swir)

orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
median : 0.94608
spread : 0.090544
created : 2023-08-21T14:40:46



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

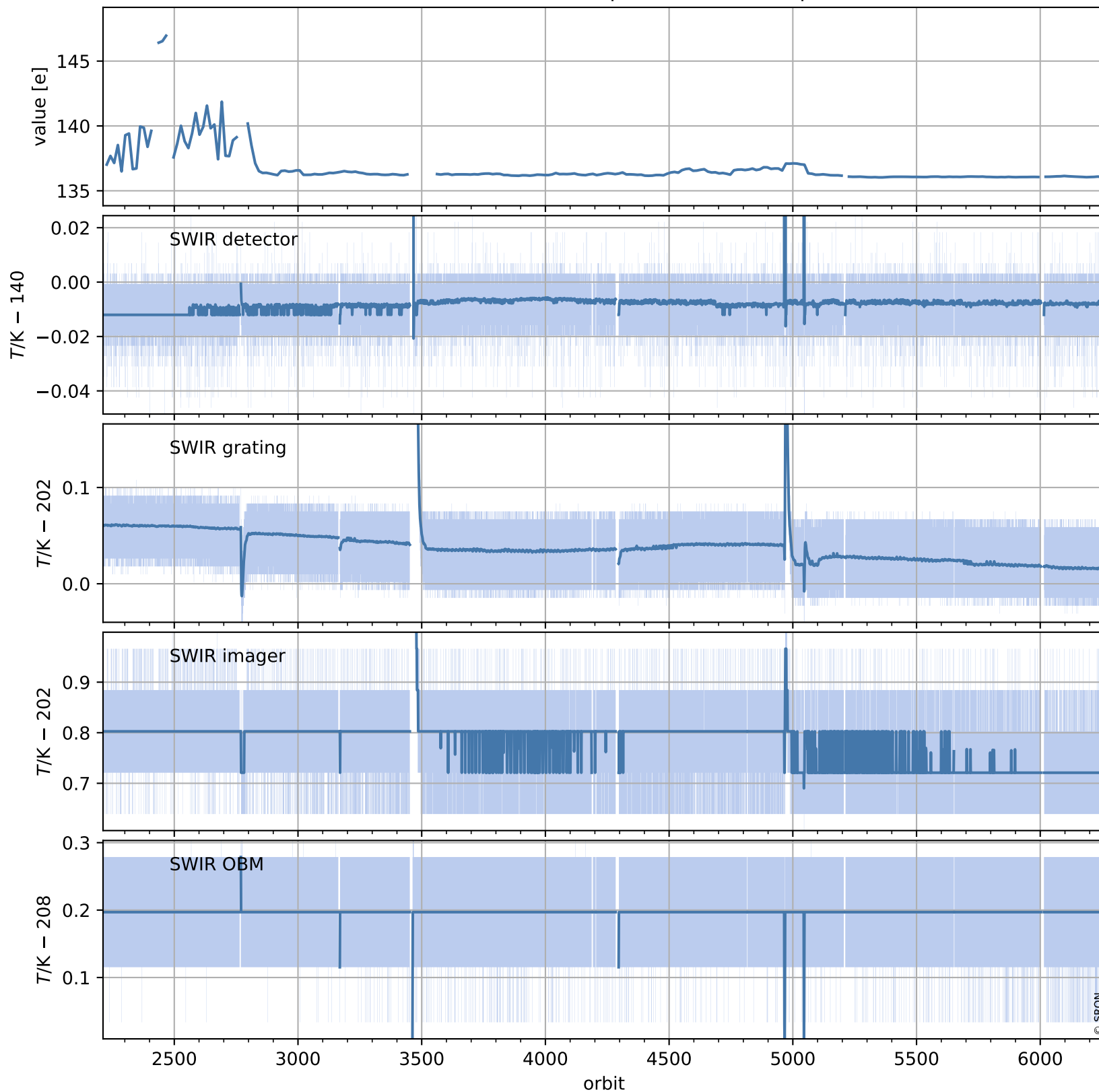
orbits : 12 in [6172, 6262]
coverage : 2018-12-22 / 2018-12-28
created : 2023-08-21T14:40:46



Tropomi SWIR background noise (swir)

orbits : [2212, 6262]
coverage : 2018-03-18 / 2018-12-28
created : 2023-08-21T14:40:47

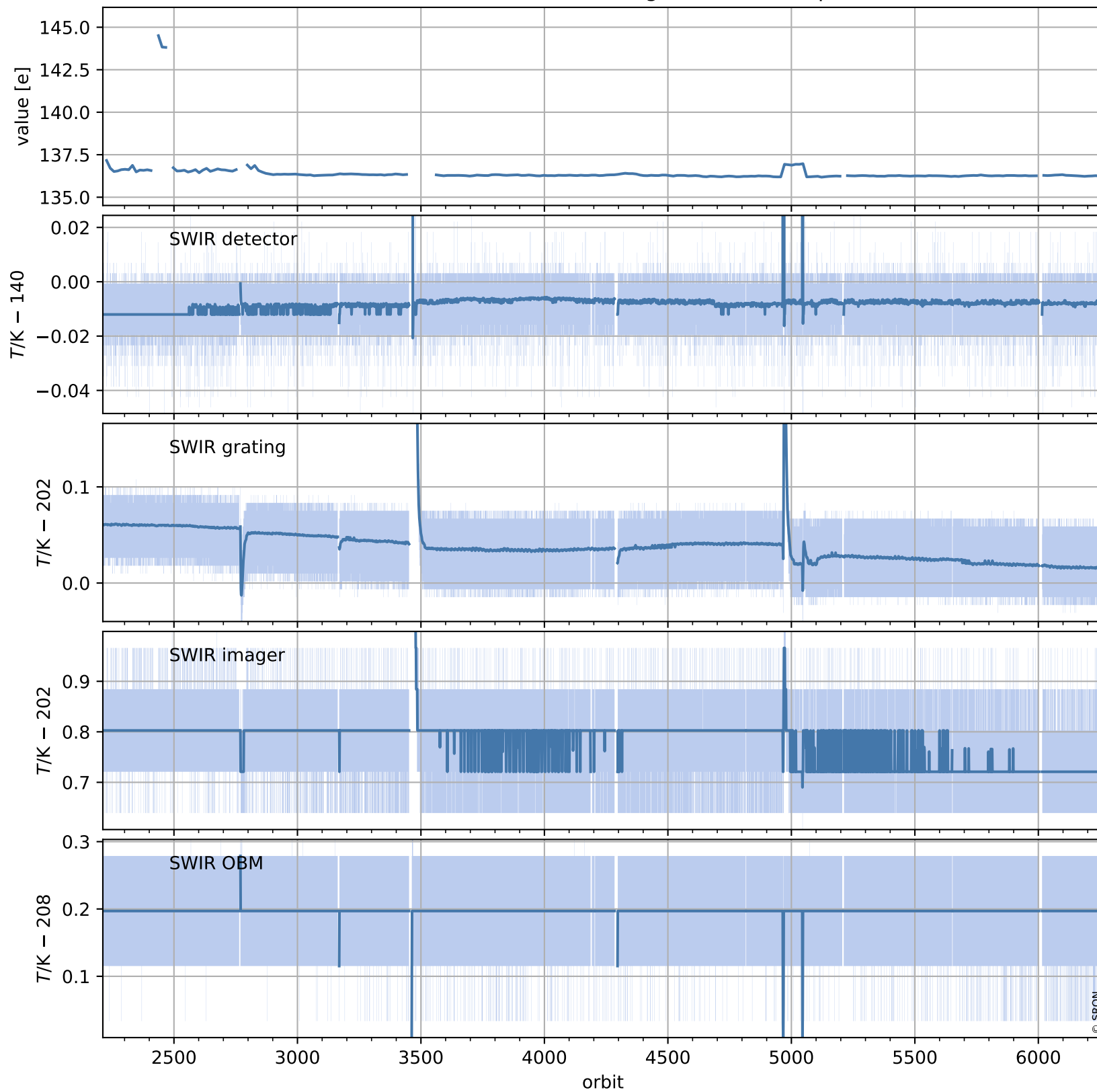
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6262]
coverage : 2018-03-18 / 2018-12-28
created : 2023-08-21T14:40:47

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6262]
coverage : 2018-03-18 / 2018-12-28
created : 2023-08-21T14:40:48

trend of normalized read-noise & temperatures

