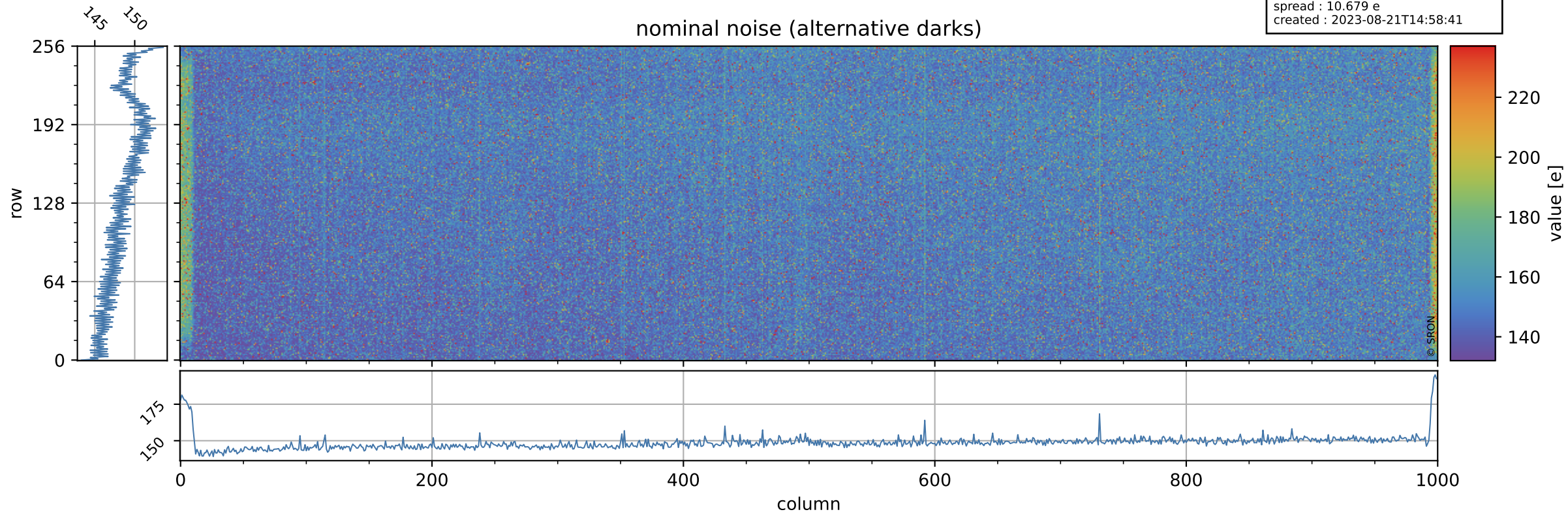


Tropomi SWIR background noise (swir)

orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
n_coad, t_exp : 1, 1.0783
median : 148.39 e
spread : 10.679 e
created : 2023-08-21T14:58:41

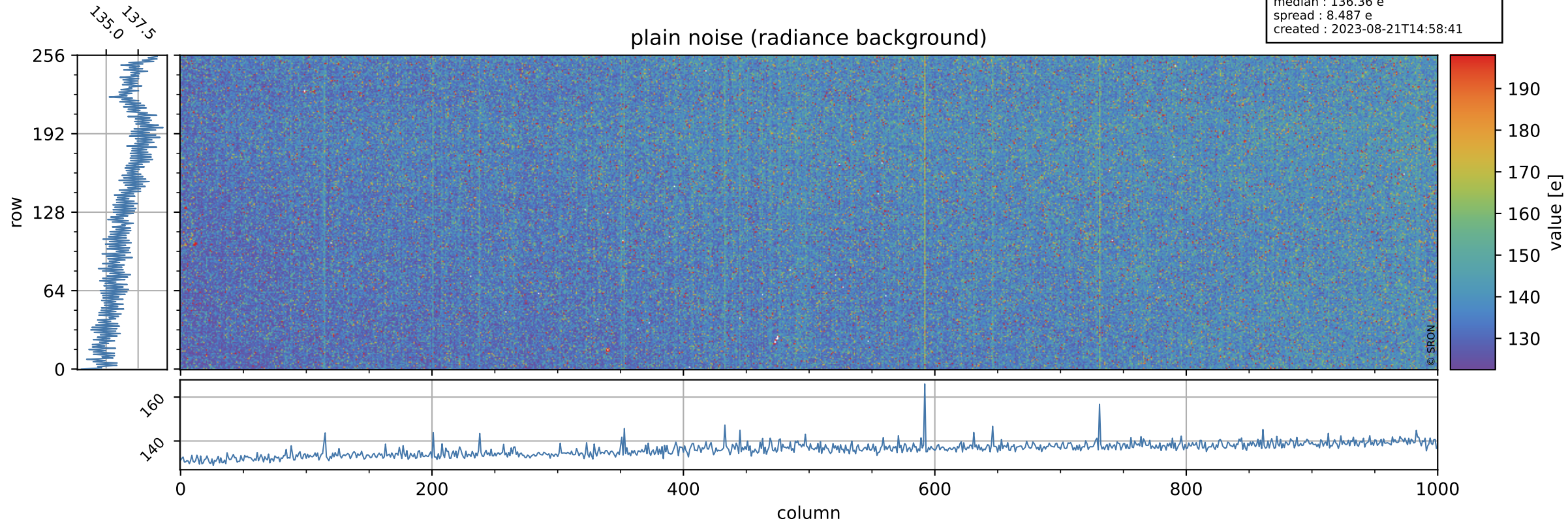
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
n_coad, t_exp : 2, 0.5383
median : 136.36 e
spread : 8.487 e
created : 2023-08-21T14:58:41

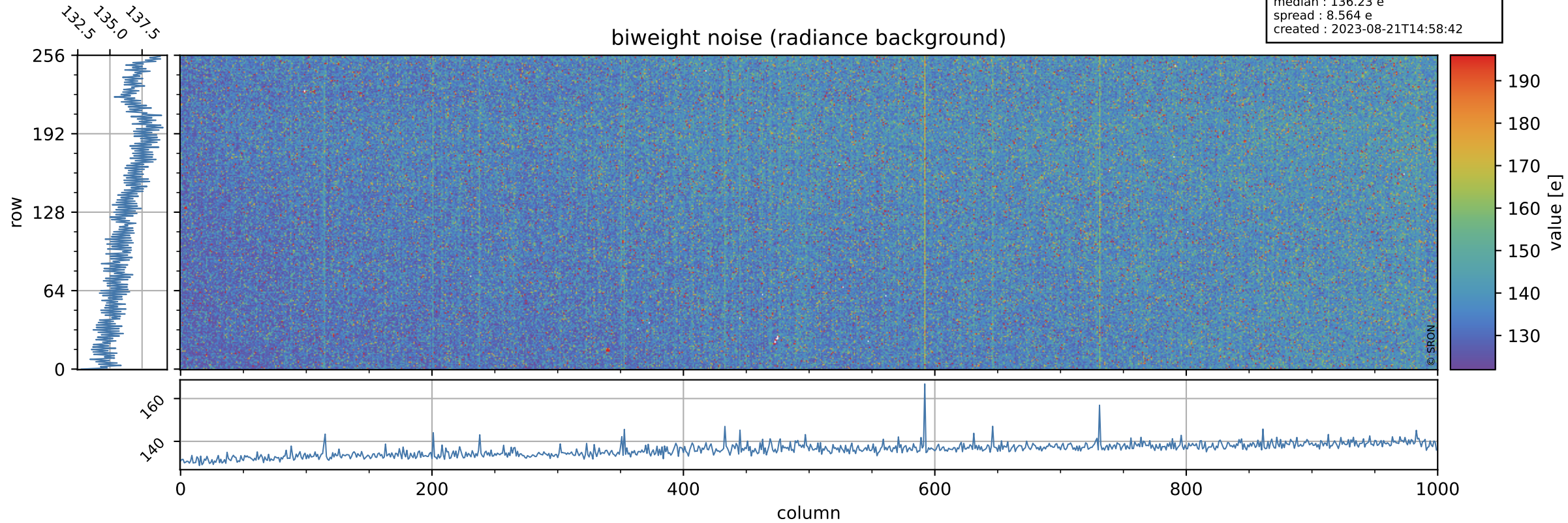
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
n_coad, t_exp : 2, 0.5383
median : 136.23 e
spread : 8.564 e
created : 2023-08-21T14:58:42

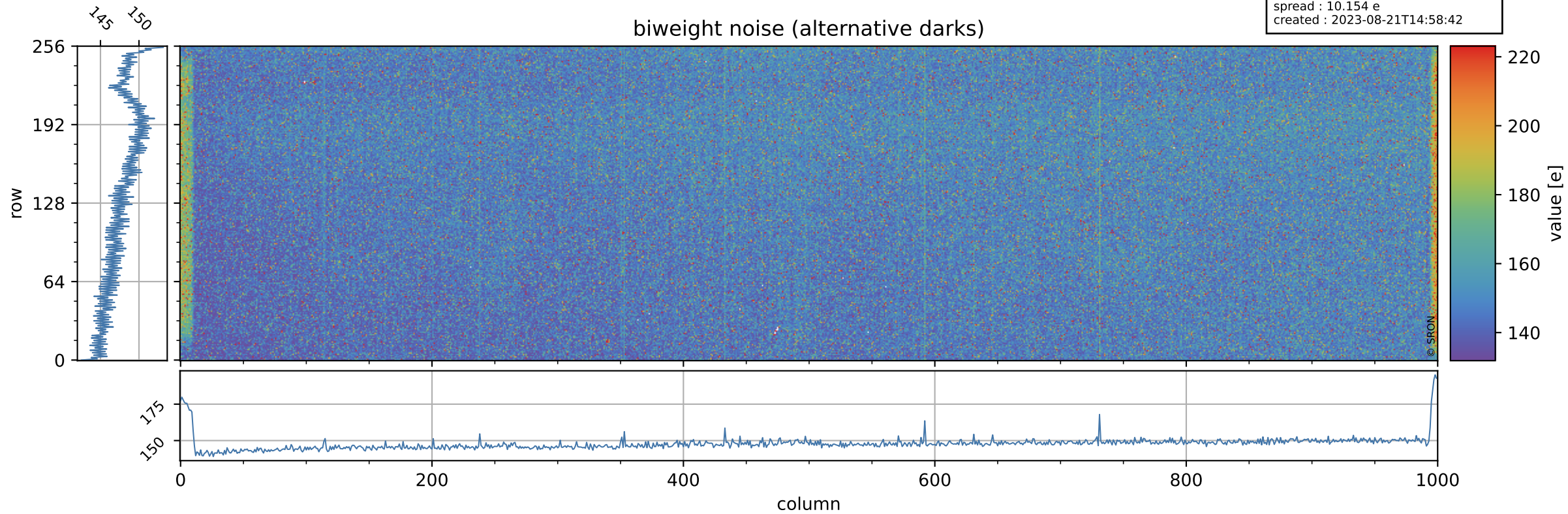
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
n_coad, t_exp : 1, 1.0783
median : 147.63 e
spread : 10.154 e
created : 2023-08-21T14:58:42

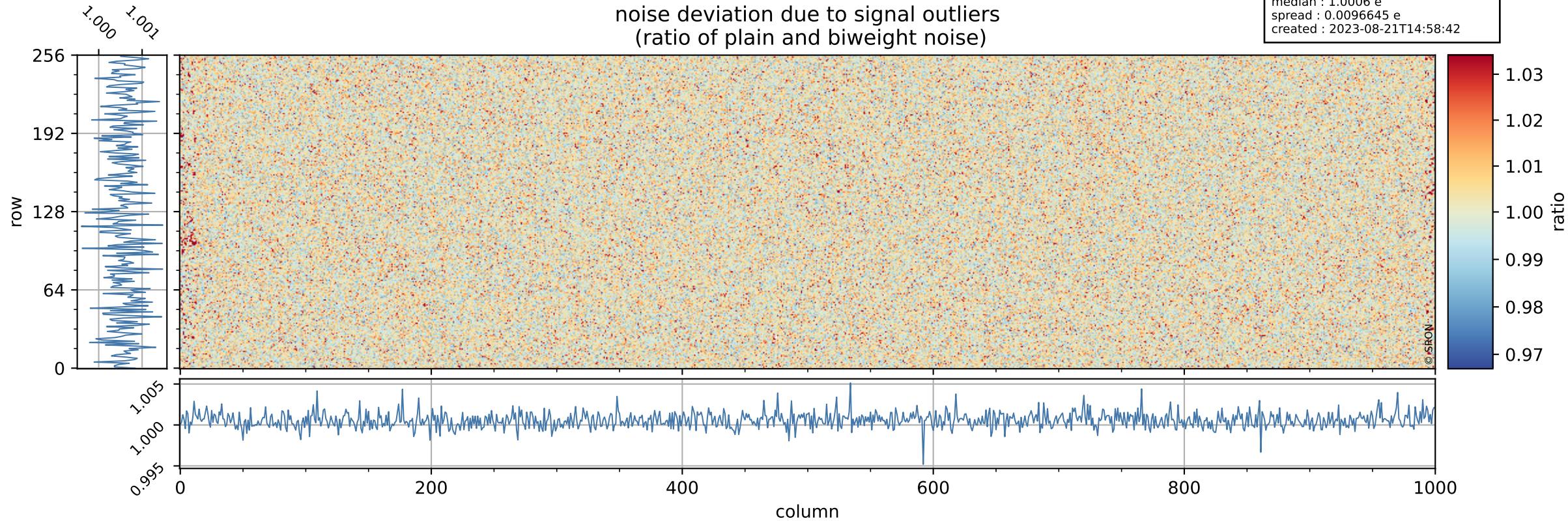
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

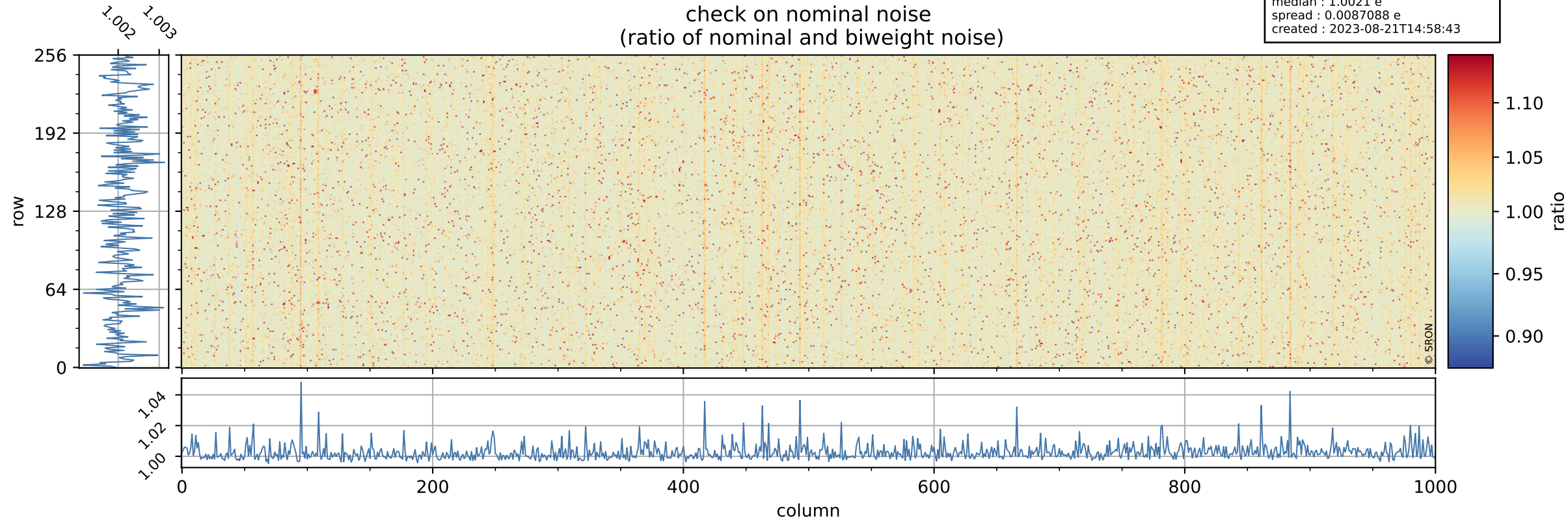
orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
median : 1.0006 e
spread : 0.0096645 e
created : 2023-08-21T14:58:42



Tropomi SWIR background noise (swir)

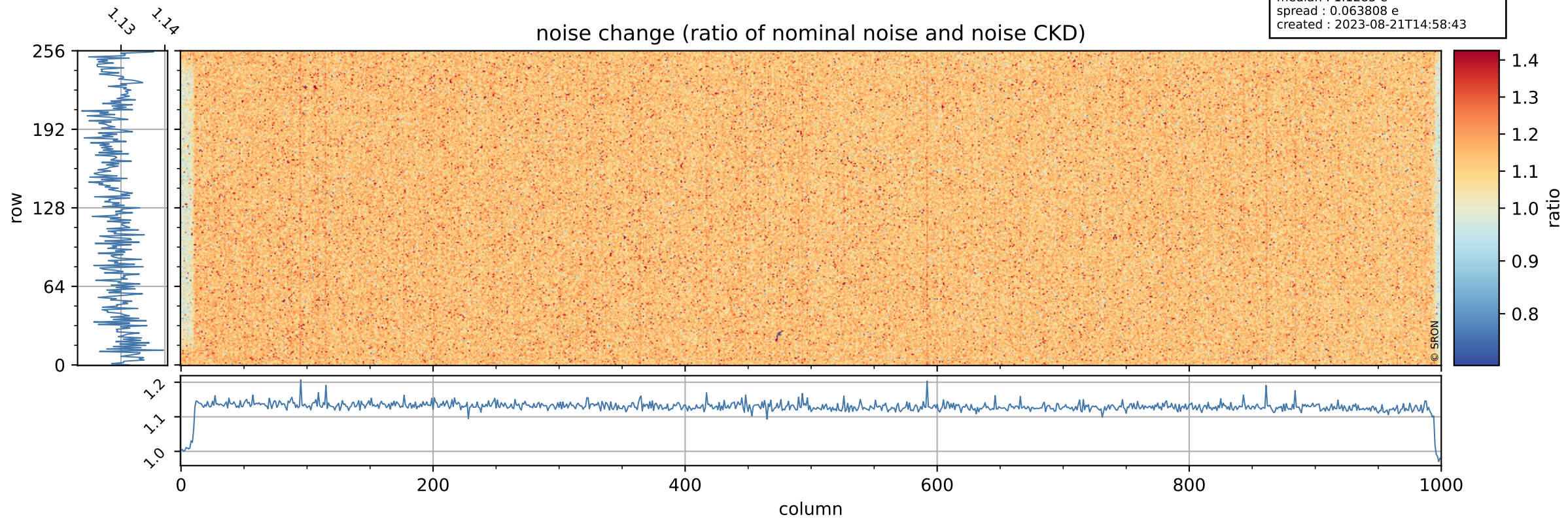
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
median : 1.0021 e
spread : 0.0087088 e
created : 2023-08-21T14:58:43



Tropomi SWIR background noise (swir)

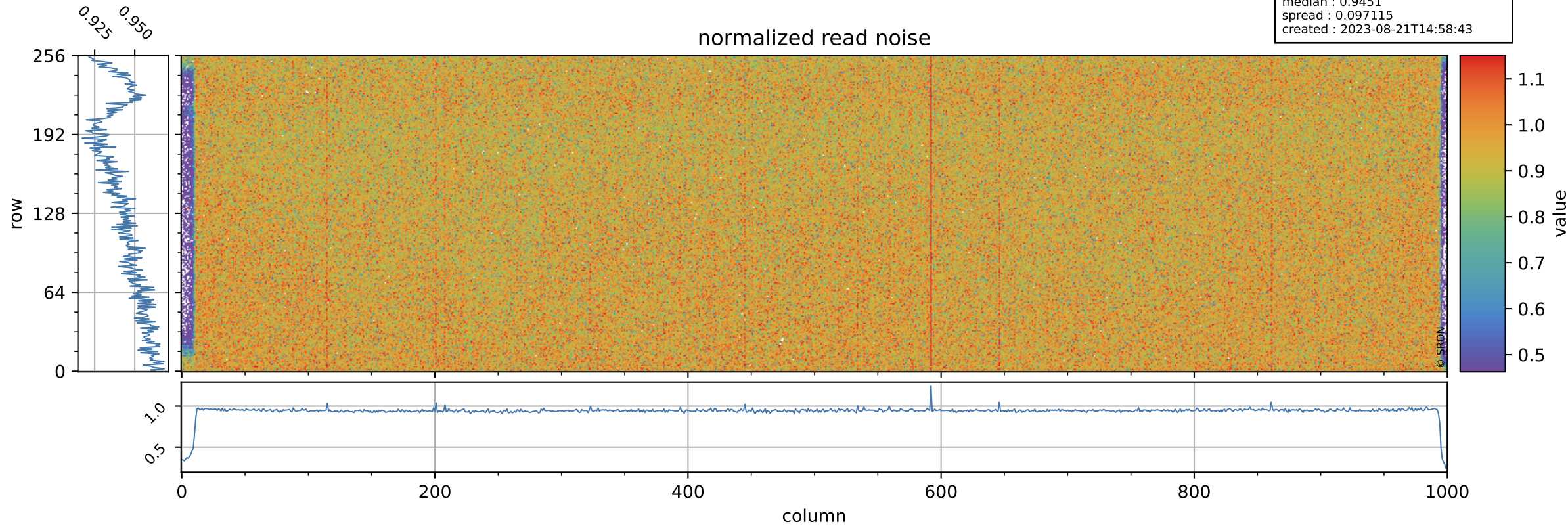
orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
median : 1.1285 e
spread : 0.063808 e
created : 2023-08-21T14:58:43



Tropomi SWIR background noise (swir)

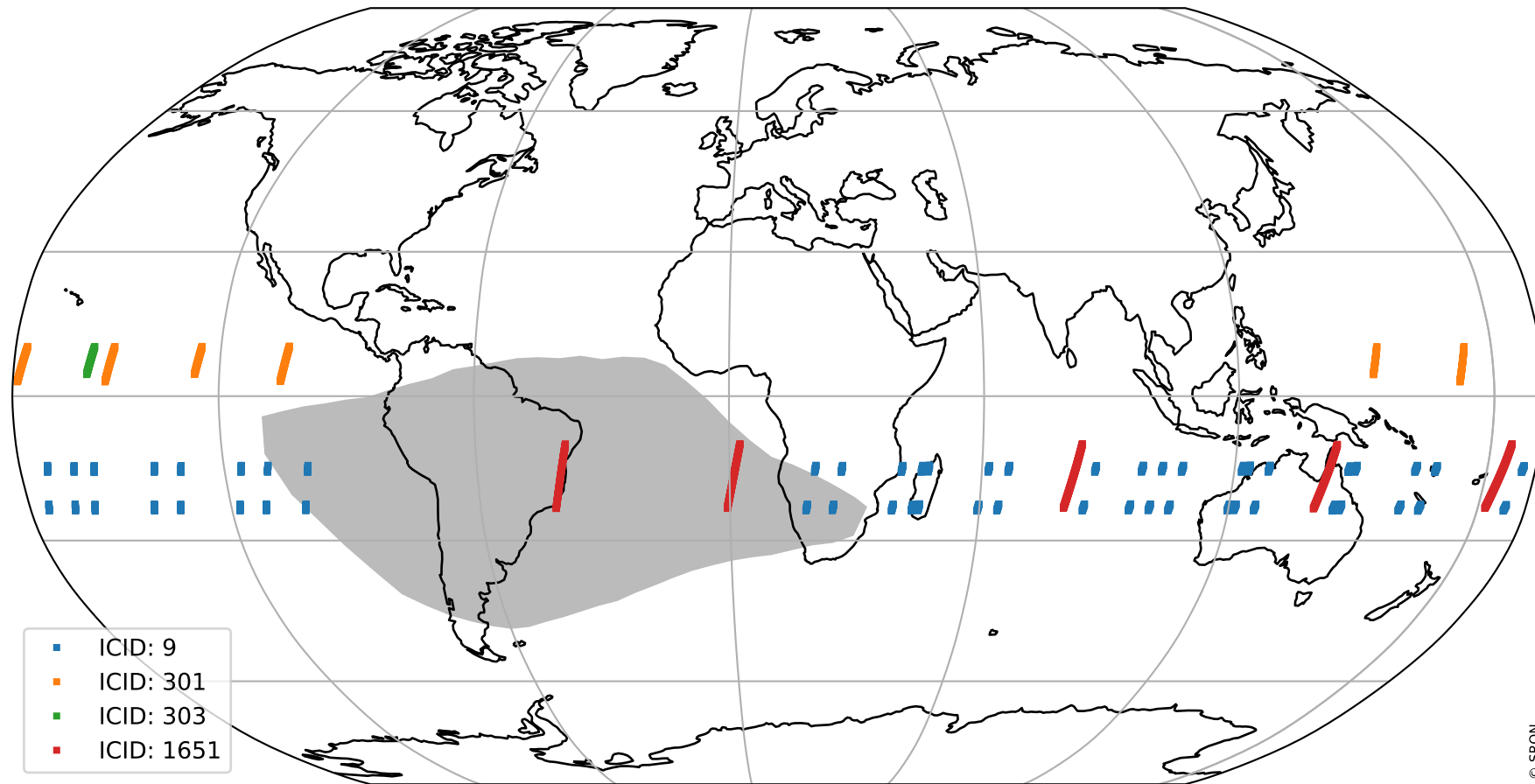
orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
median : 0.9451
spread : 0.097115
created : 2023-08-21T14:58:43

normalized read noise



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

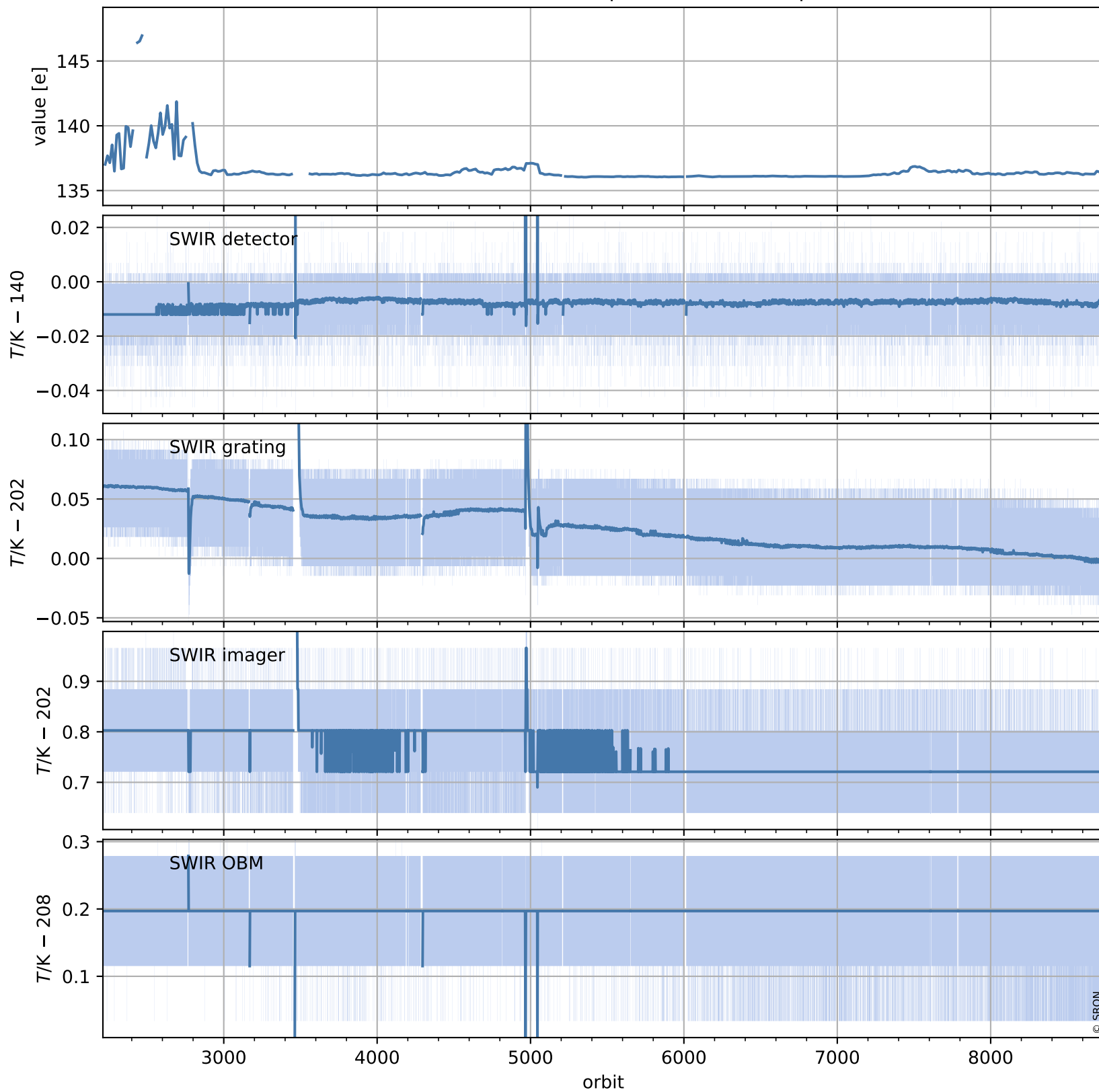
orbits : 12 in [8662, 8737]
coverage : 2019-06-15 / 2019-06-20
created : 2023-08-21T14:58:44



Tropomi SWIR background noise (swir)

orbits : [2212, 8737]
coverage : 2018-03-18 / 2019-06-20
created : 2023-08-21T14:58:44

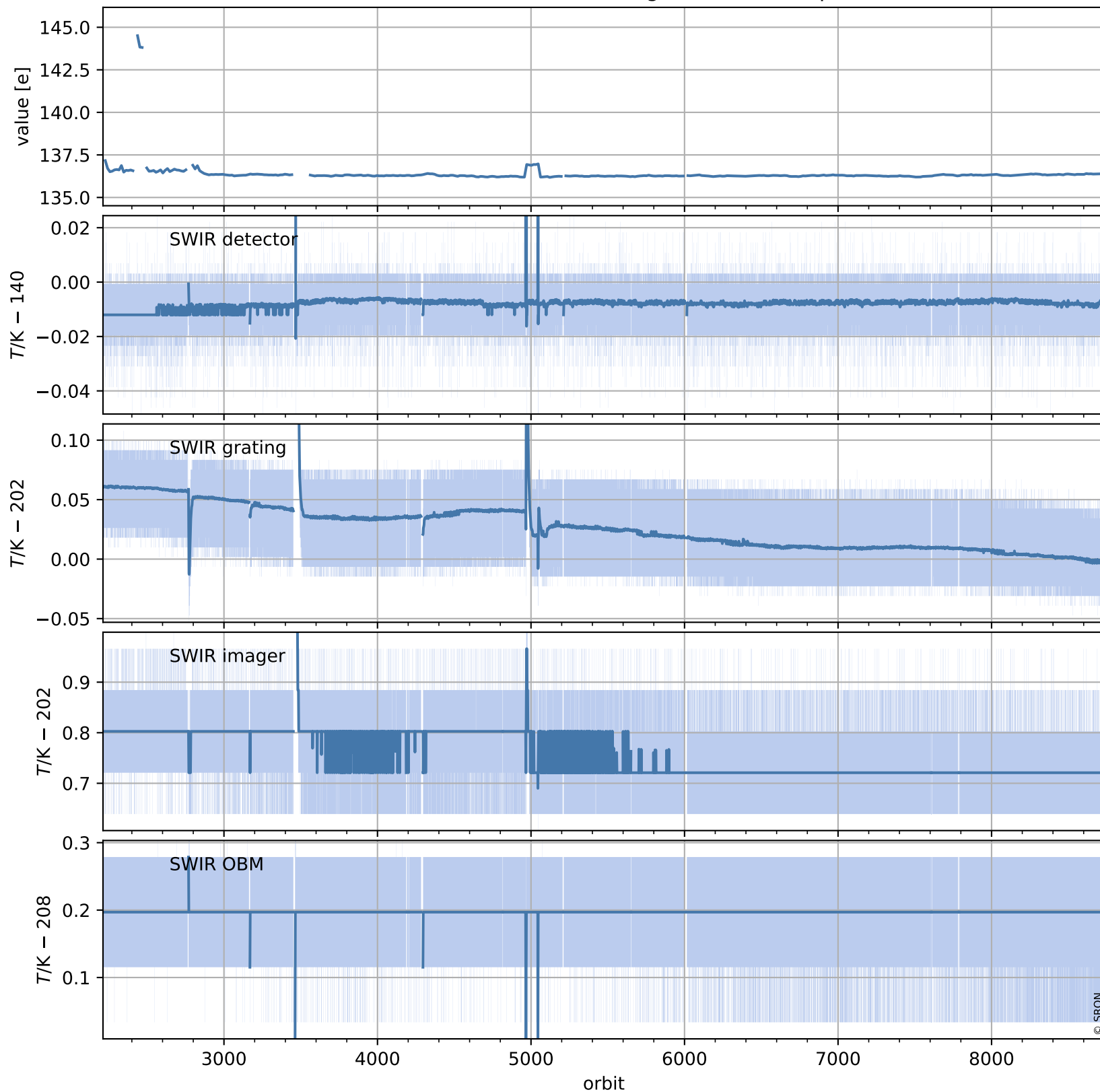
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8737]
coverage : 2018-03-18 / 2019-06-20
created : 2023-08-21T14:58:45

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8737]
coverage : 2018-03-18 / 2019-06-20
created : 2023-08-21T14:58:46

trend of normalized read-noise & temperatures

