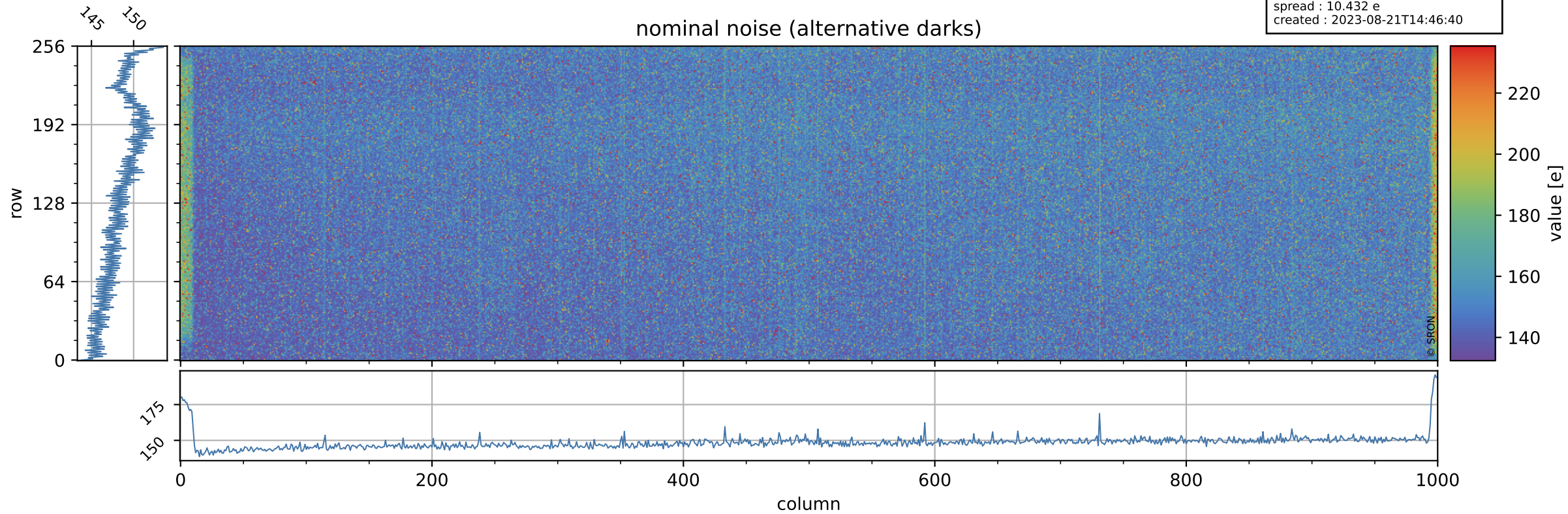


Tropomi SWIR background noise (swir)

orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
n_coad, t_exp : 1, 1.0783
median : 148.29 e
spread : 10.432 e
created : 2023-08-21T14:46:40

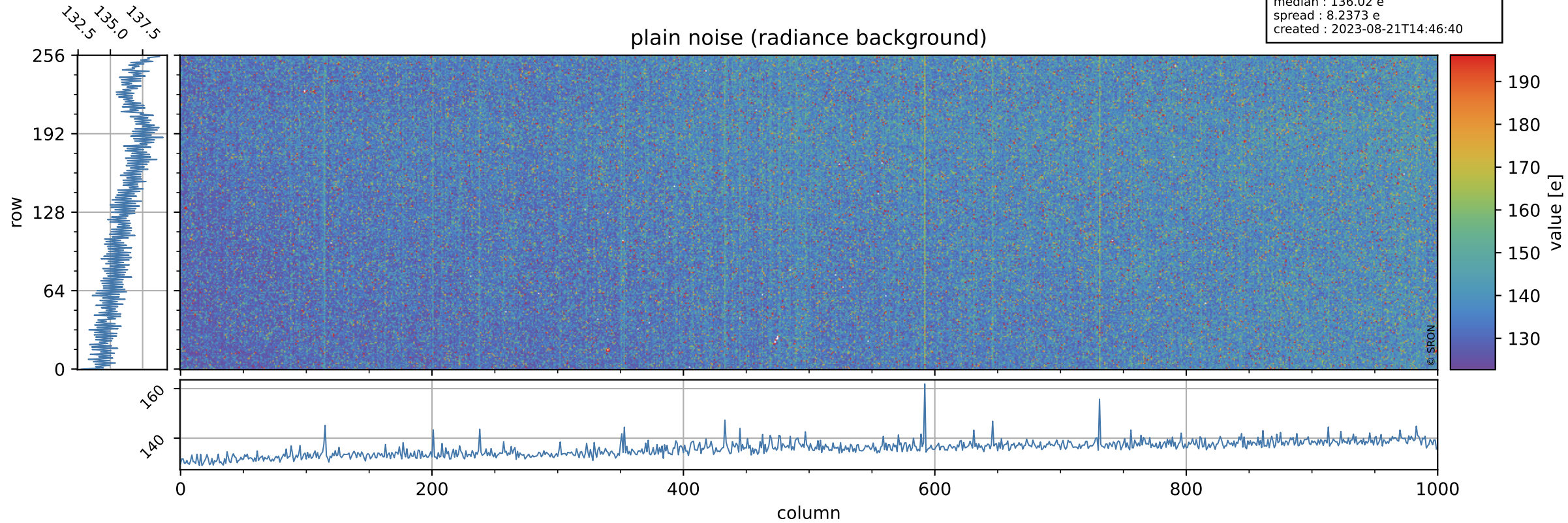
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2373 e
created : 2023-08-21T14:46:40

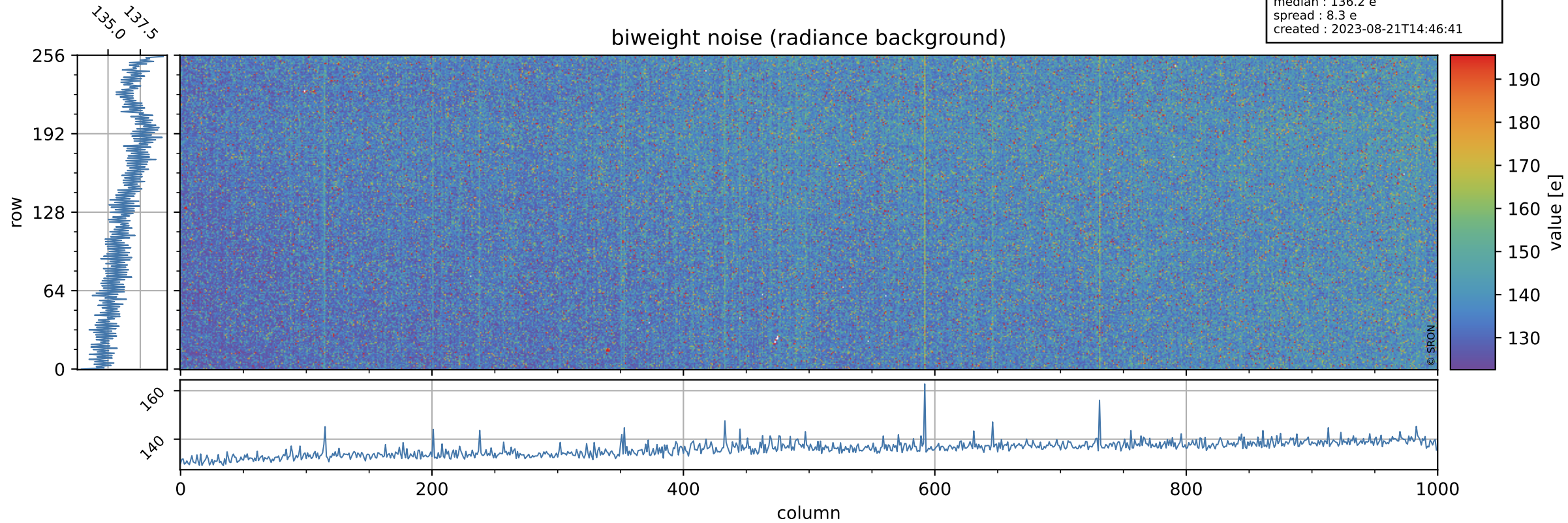
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
n_coad, t_exp : 2, 0.5383
median : 136.2 e
spread : 8.3 e
created : 2023-08-21T14:46:41

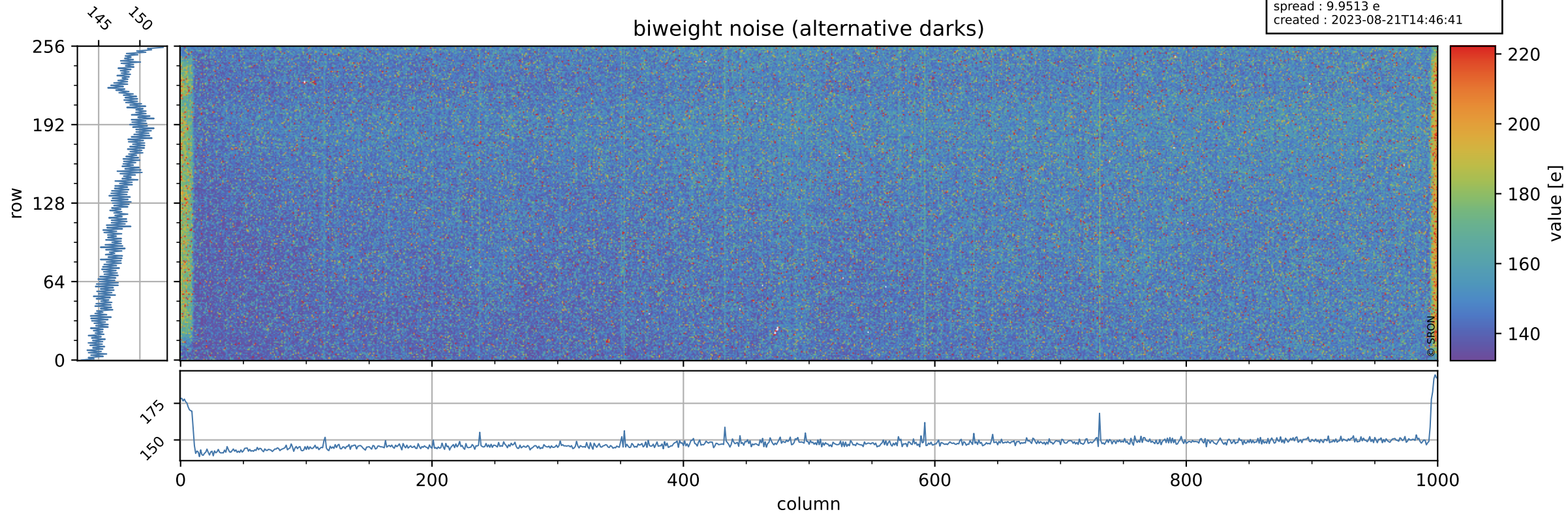
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
n_coad, t_exp : 1, 1.0783
median : 147.57 e
spread : 9.9513 e
created : 2023-08-21T14:46:41

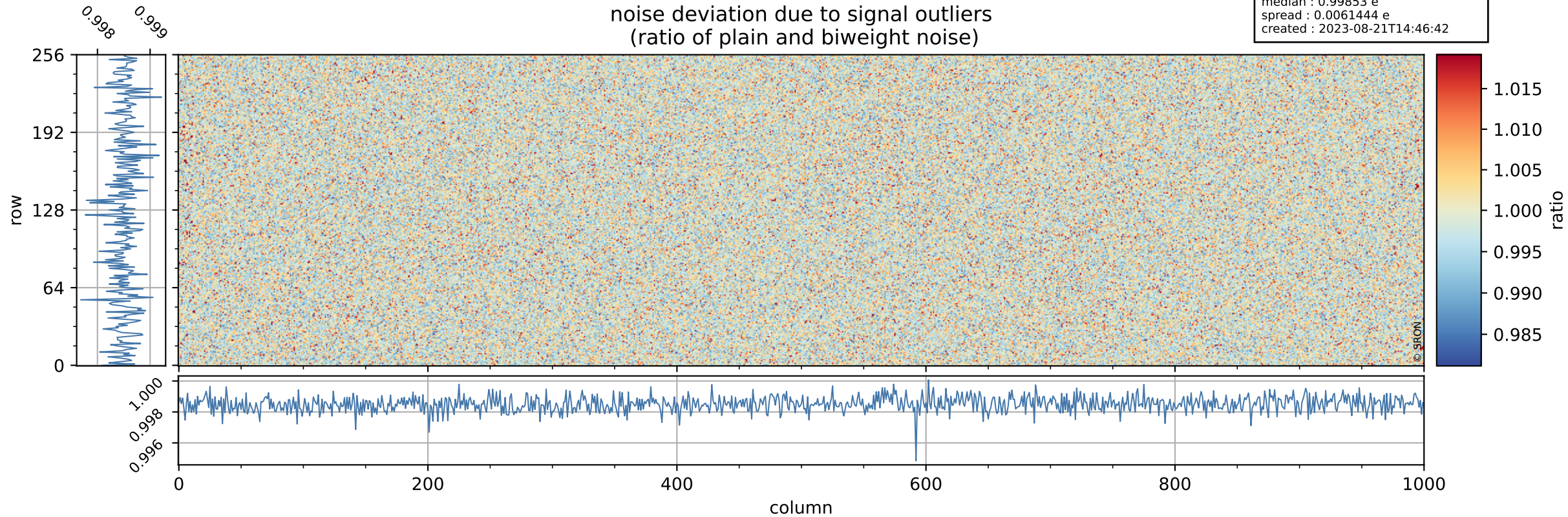
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

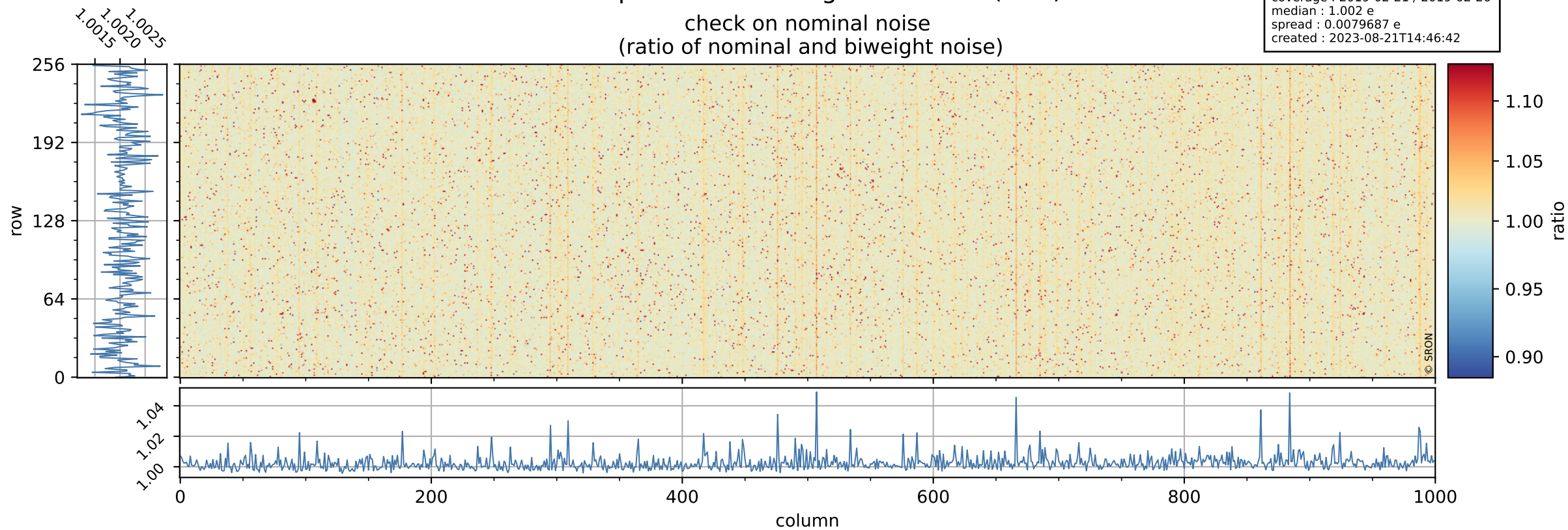
orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
median : 0.99853 e
spread : 0.0061444 e
created : 2023-08-21T14:46:42



Tropomi SWIR background noise (swir)

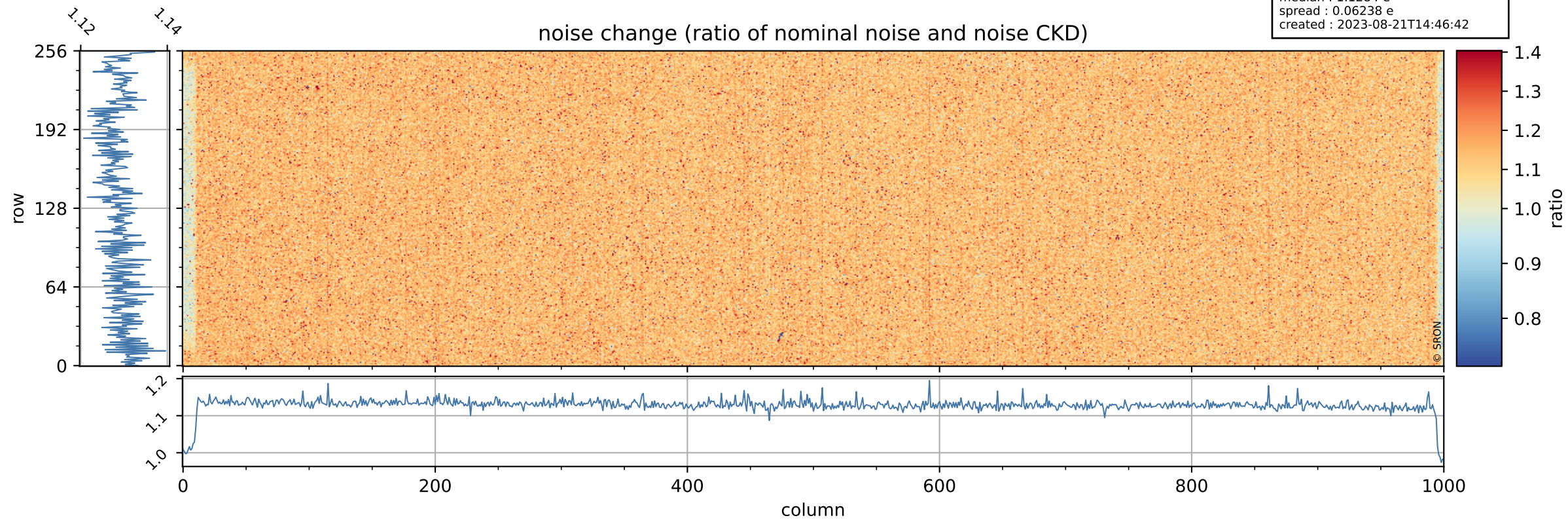
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
median : 1.002 e
spread : 0.0079687 e
created : 2023-08-21T14:46:42



Tropomi SWIR background noise (swir)

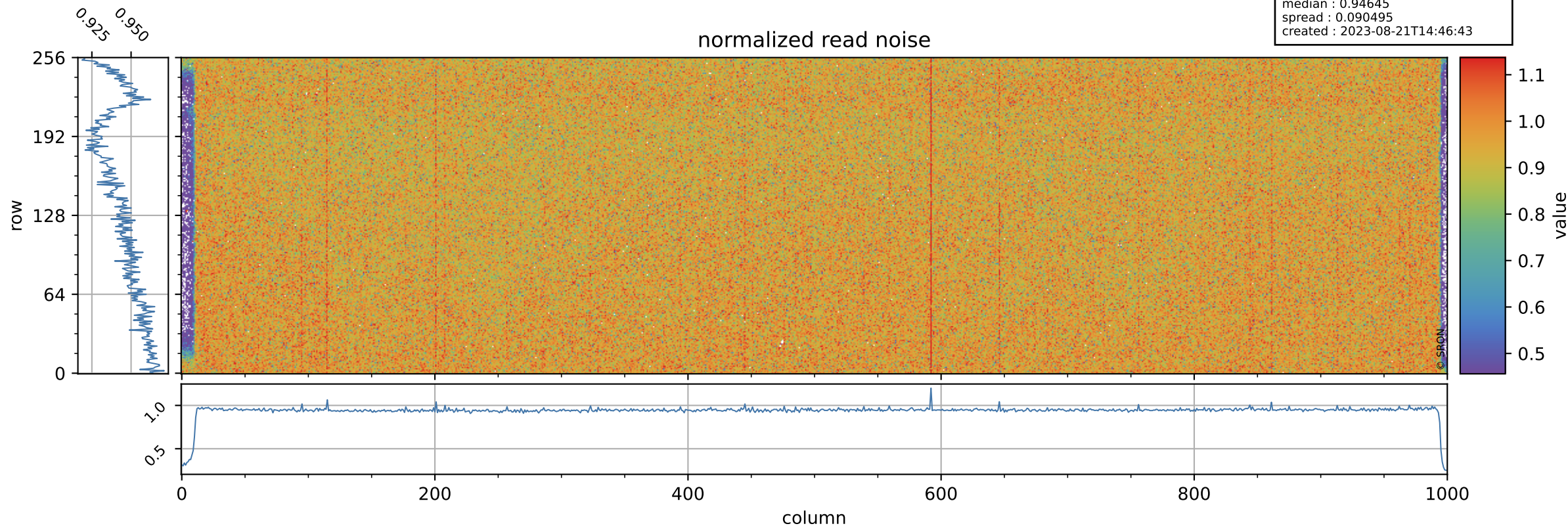
orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
median : 1.1284 e
spread : 0.06238 e
created : 2023-08-21T14:46:42



Tropomi SWIR background noise (swir)

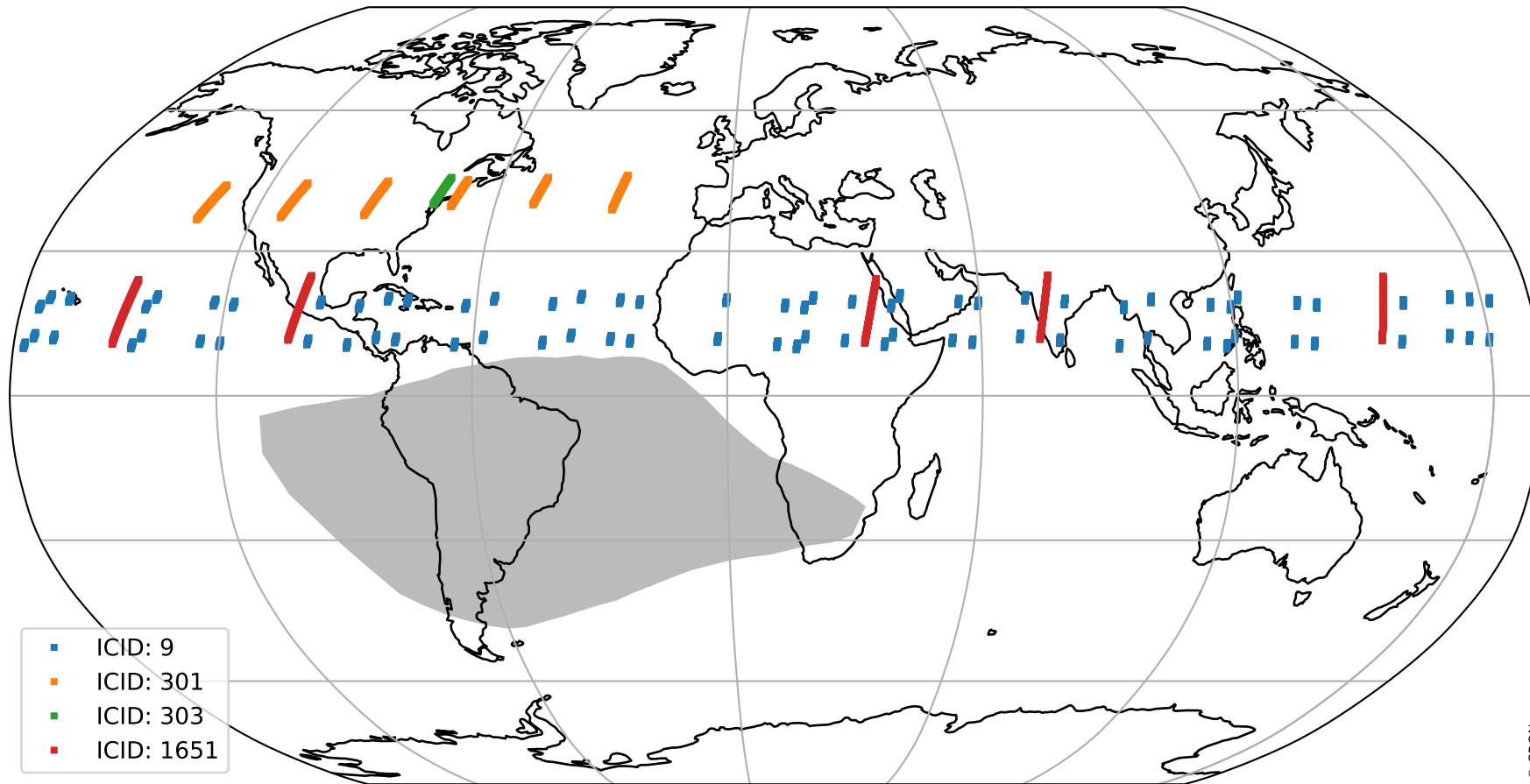
orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
median : 0.94645
spread : 0.090495
created : 2023-08-21T14:46:43

normalized read noise



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

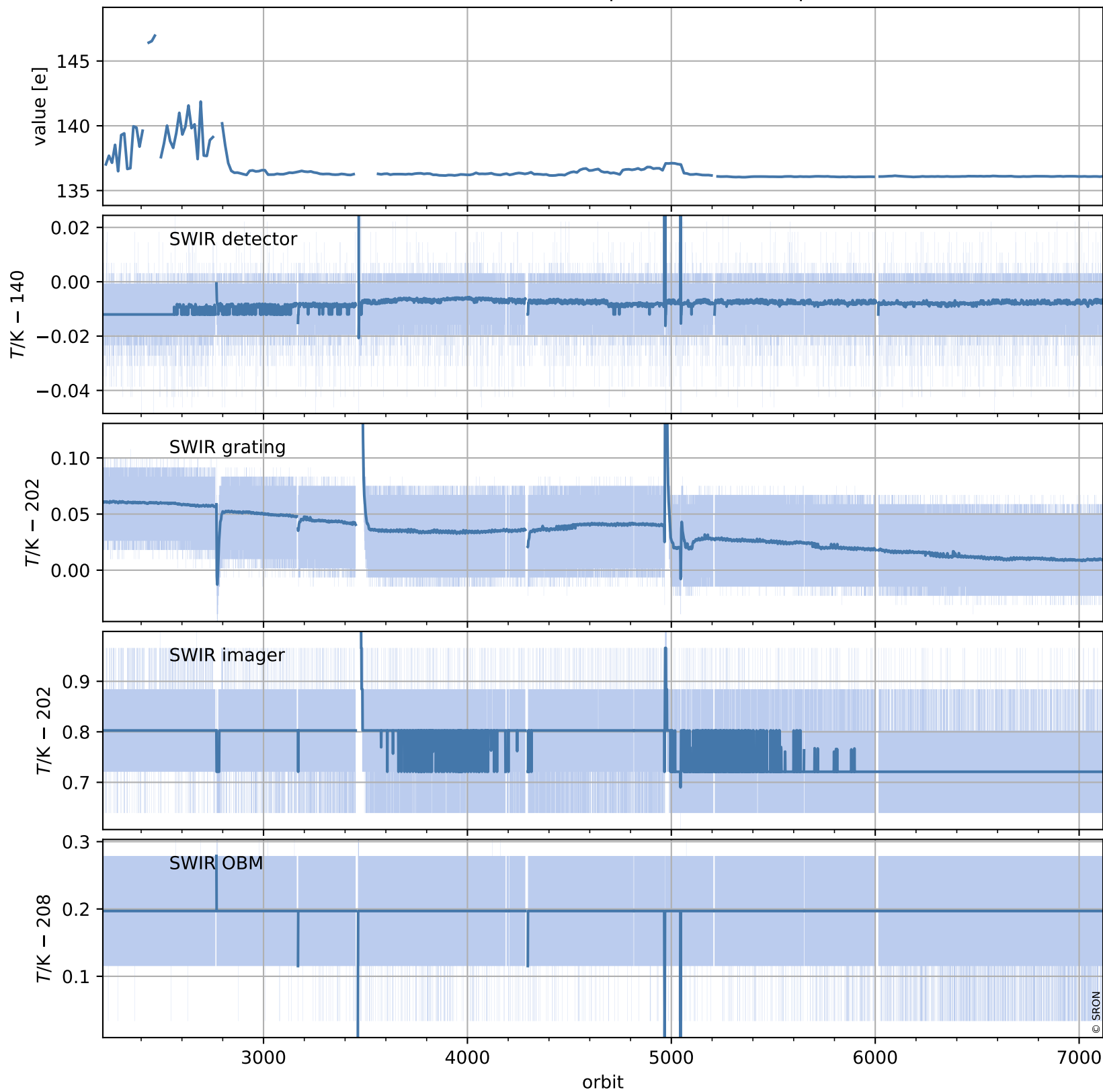
orbits : 12 in [7042, 7117]
coverage : 2019-02-21 / 2019-02-26
created : 2023-08-21T14:46:43



Tropomi SWIR background noise (swir)

orbits : [2212, 7117]
coverage : 2018-03-18 / 2019-02-26
created : 2023-08-21T14:46:44

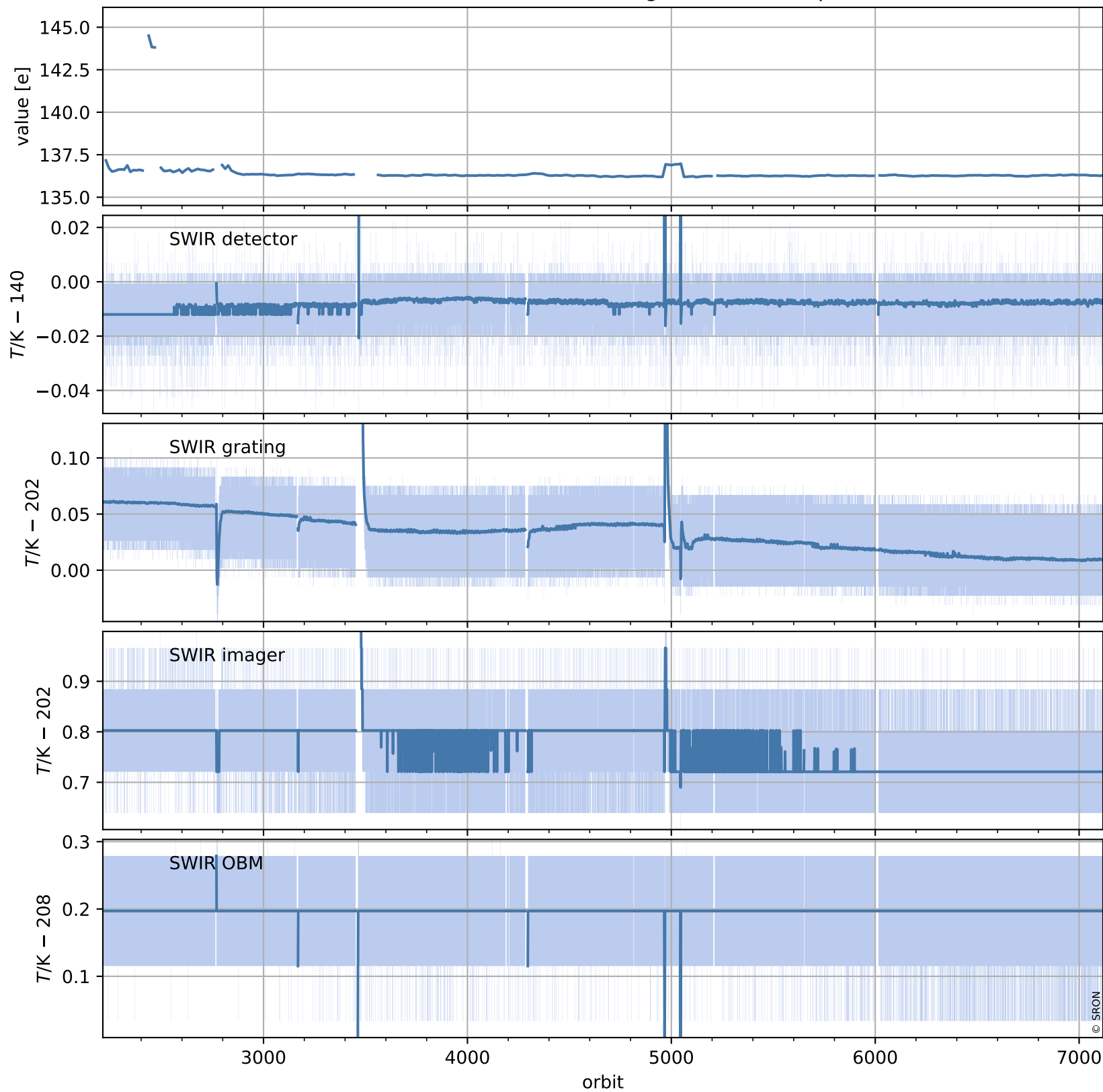
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7117]
coverage : 2018-03-18 / 2019-02-26
created : 2023-08-21T14:46:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 7117]
coverage : 2018-03-18 / 2019-02-26
created : 2023-08-21T14:46:45

trend of normalized read-noise & temperatures

