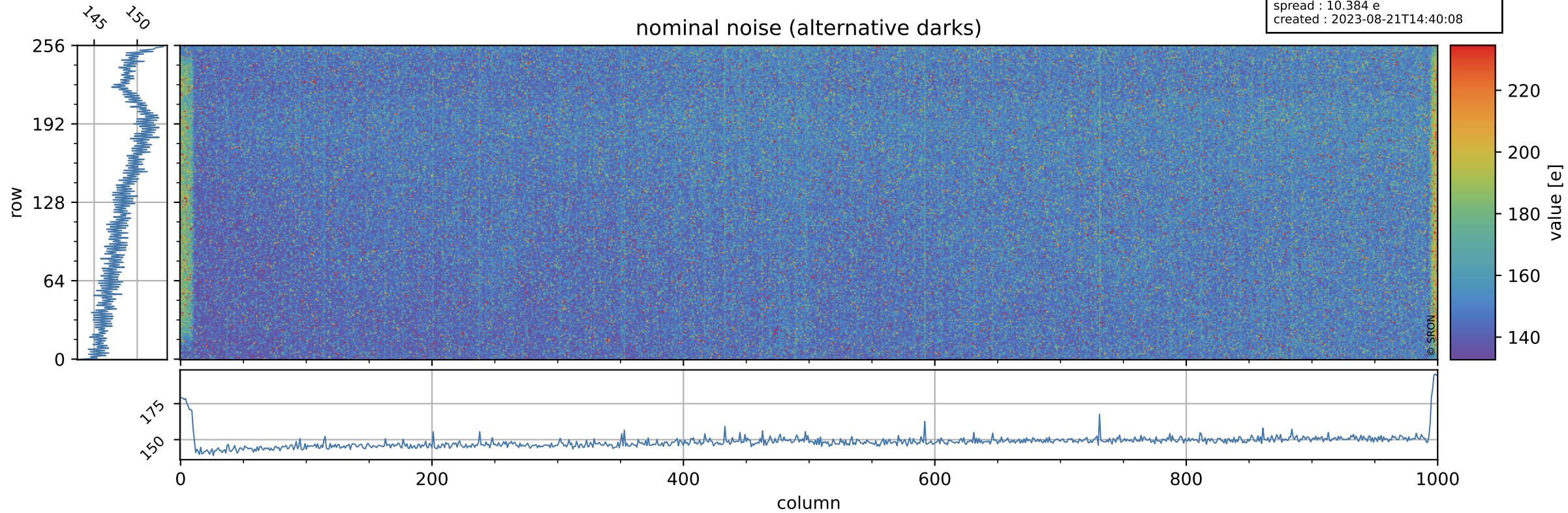


Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 10.384 e
created : 2023-08-21T14:40:08

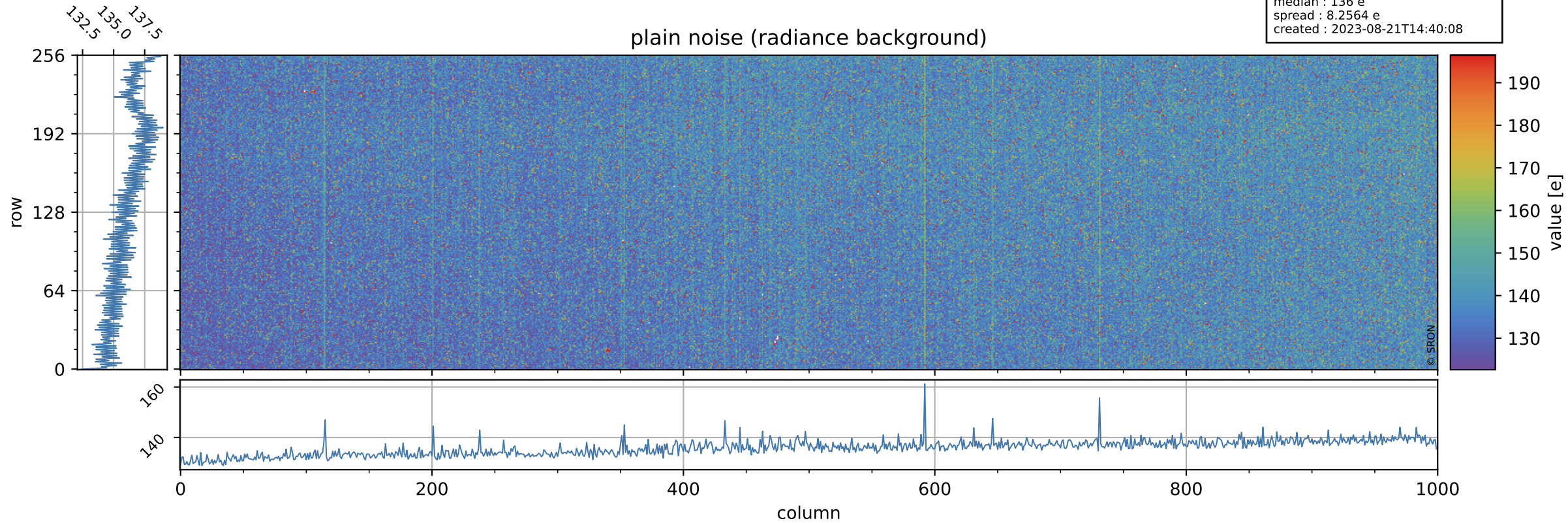
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2564 e
created : 2023-08-21T14:40:08

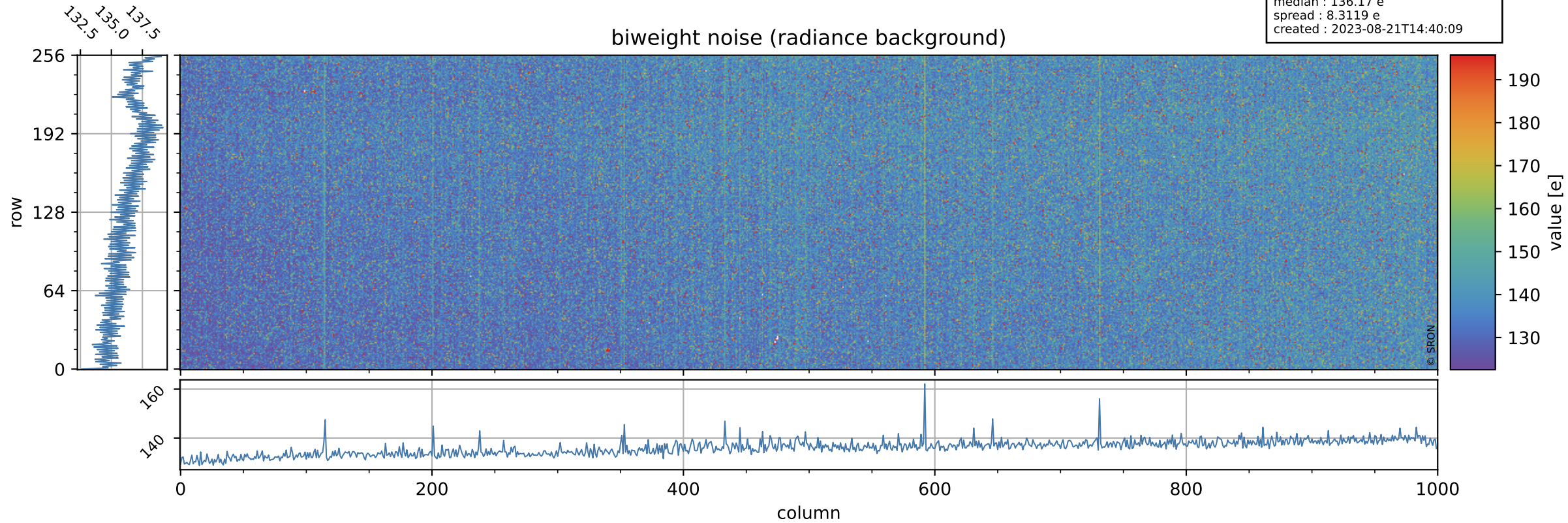
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
n_coad, t_exp : 2, 0.5383
median : 136.17 e
spread : 8.3119 e
created : 2023-08-21T14:40:09

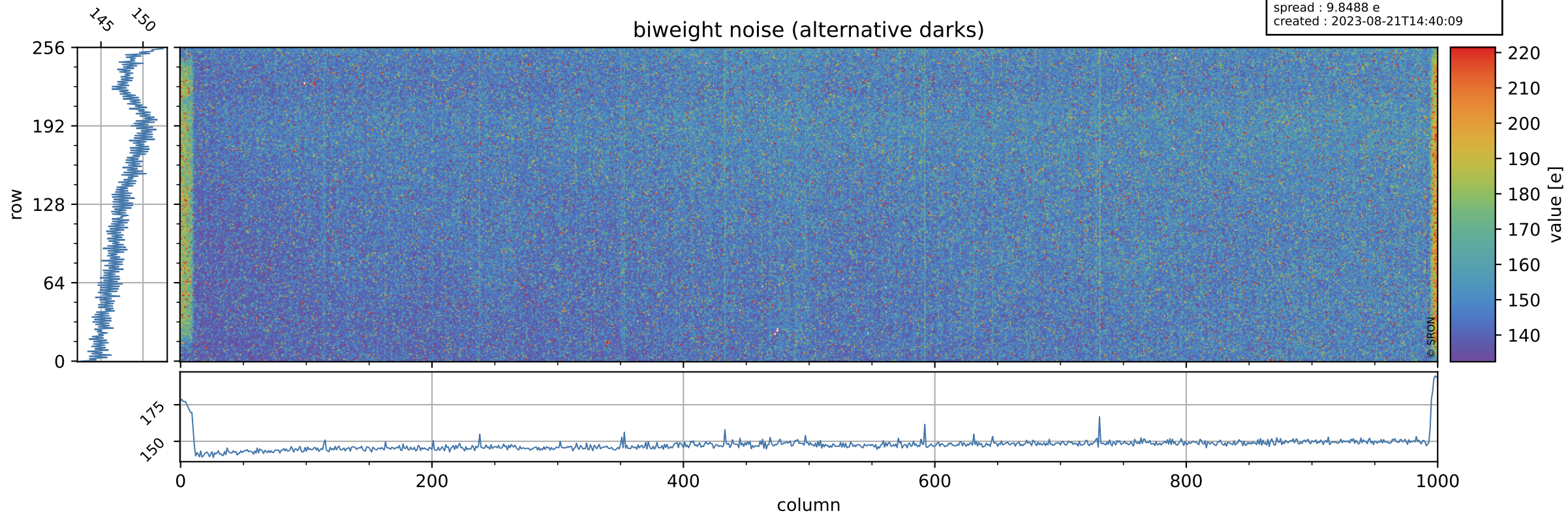
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
n_coad, t_exp : 1, 1.0783
median : 147.51 e
spread : 9.8488 e
created : 2023-08-21T14:40:09

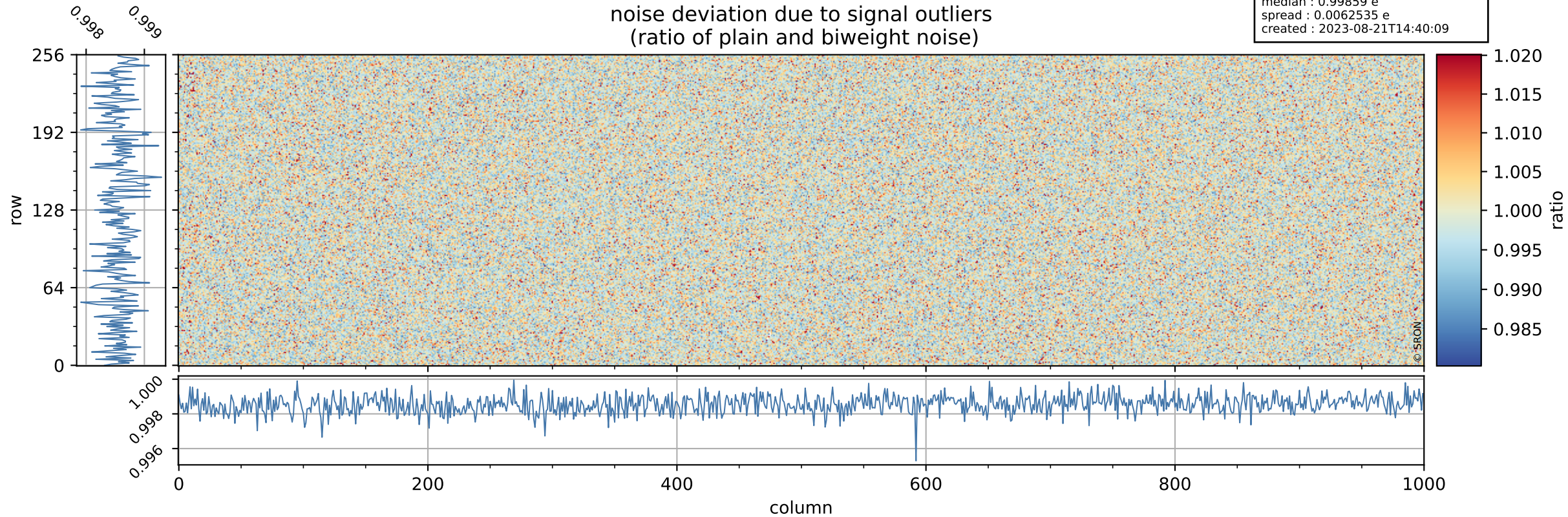
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

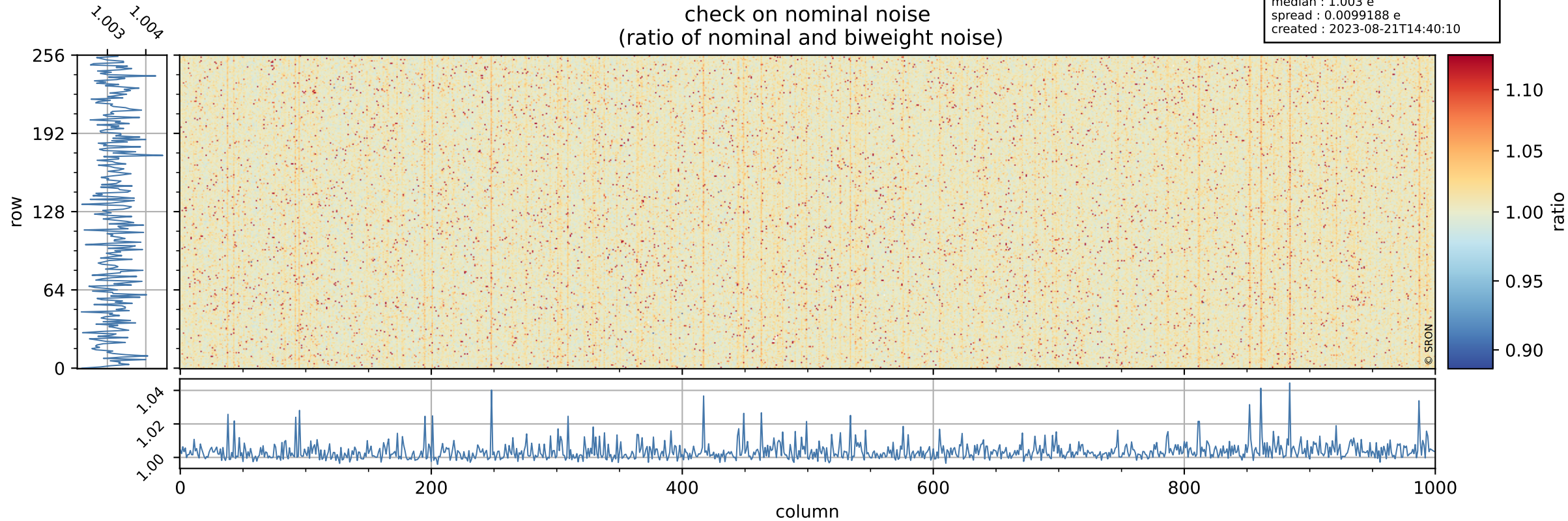
orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
median : 0.99859 e
spread : 0.0062535 e
created : 2023-08-21T14:40:09



Tropomi SWIR background noise (swir)

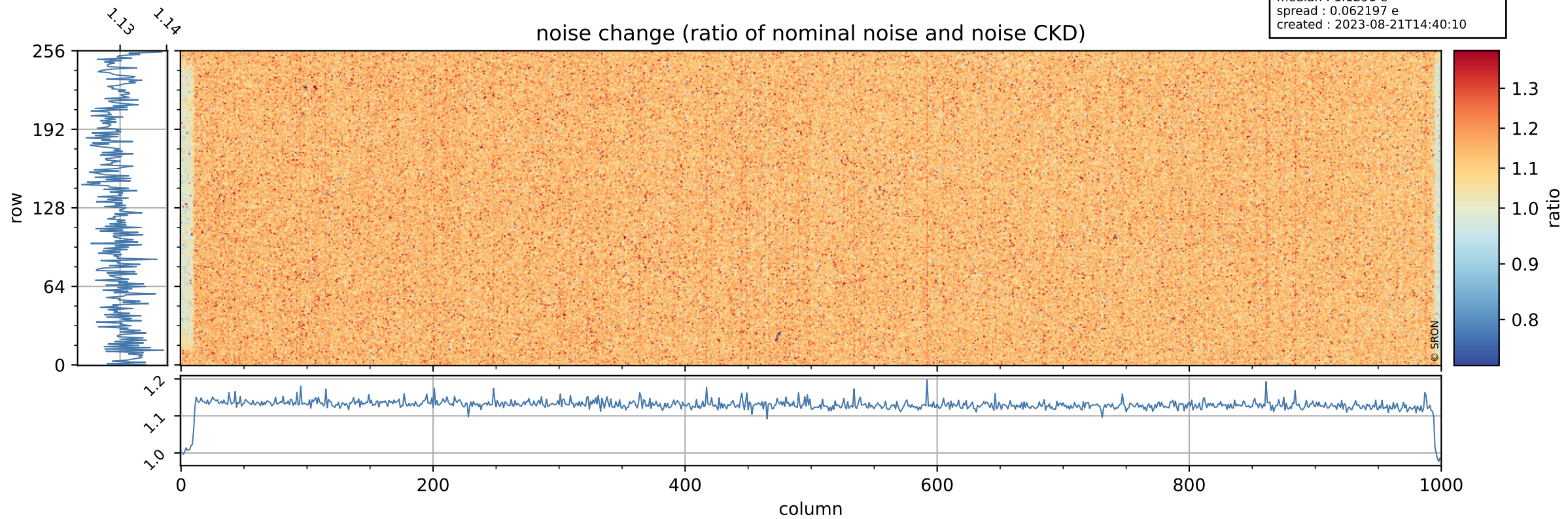
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
median : 1.003 e
spread : 0.0099188 e
created : 2023-08-21T14:40:10



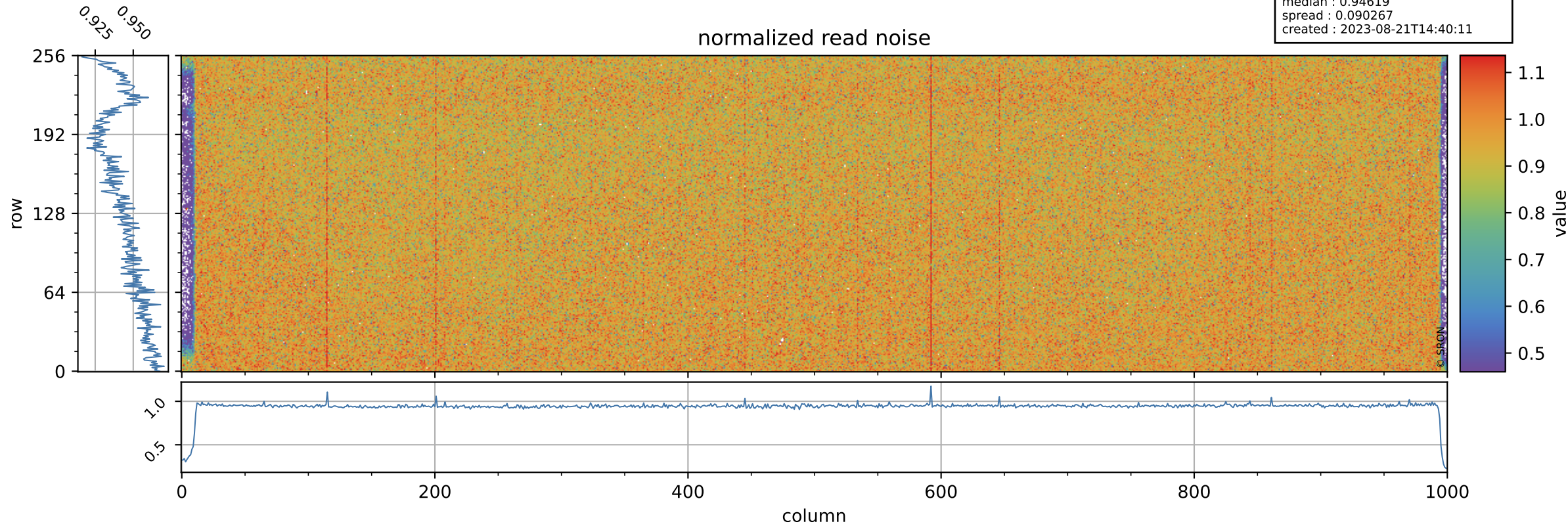
Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
median : 1.1291 e
spread : 0.062197 e
created : 2023-08-21T14:40:10



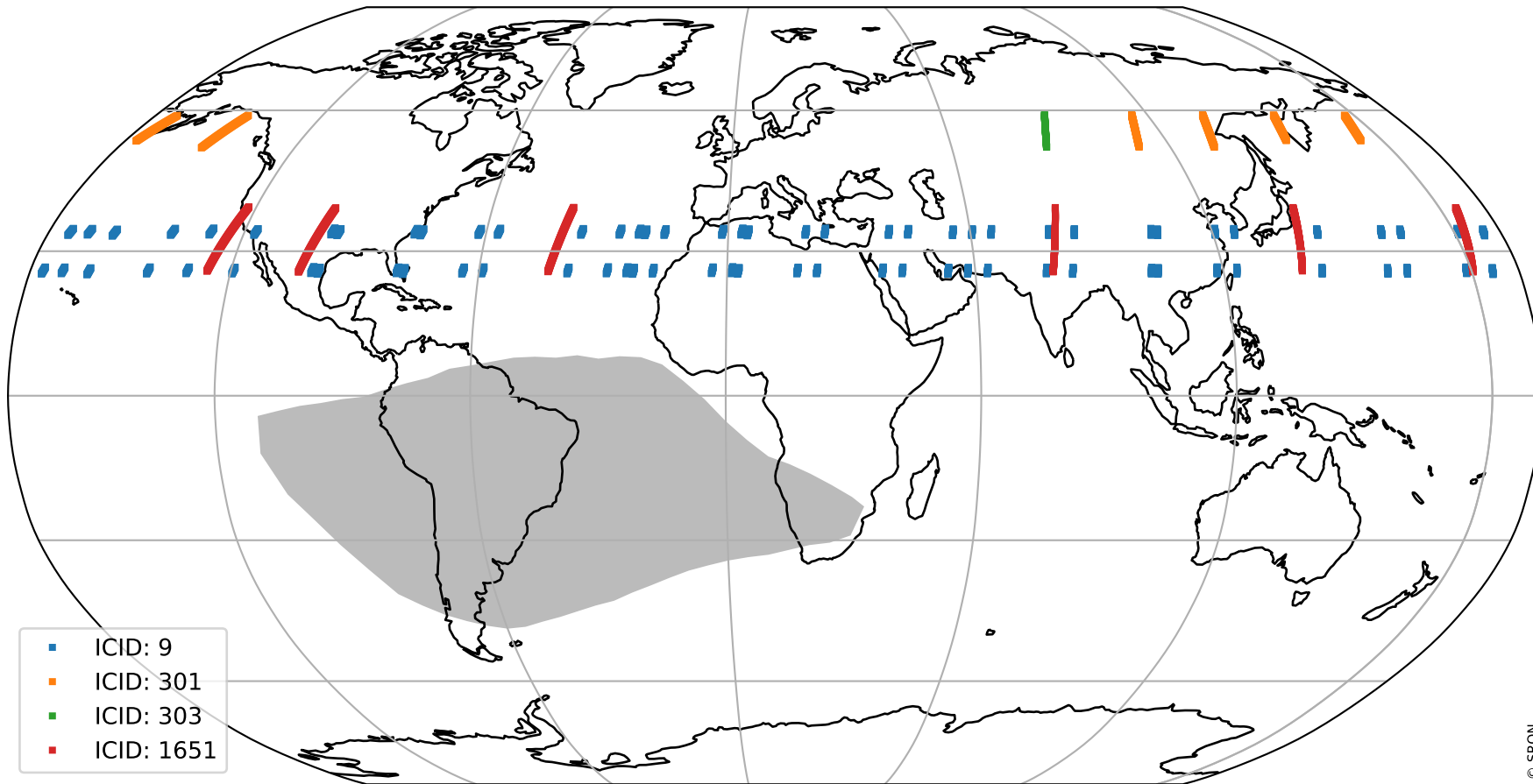
Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
median : 0.94619
spread : 0.090267
created : 2023-08-21T14:40:11



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

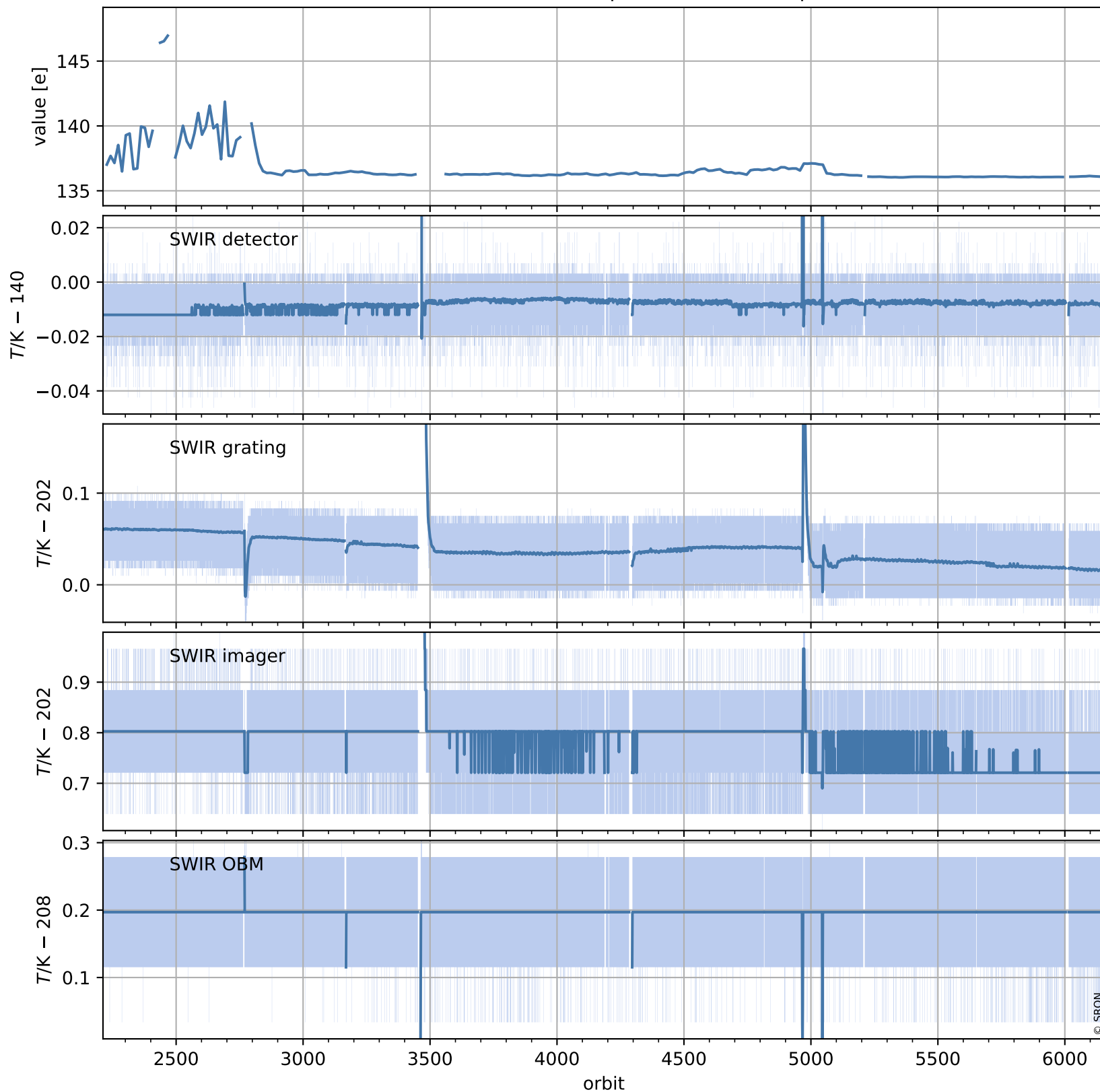
orbits : 13 in [6067, 6157]
coverage : 2018-12-15 / 2018-12-21
created : 2023-08-21T14:40:11



Tropomi SWIR background noise (swir)

orbits : [2212, 6157]
coverage : 2018-03-18 / 2018-12-21
created : 2023-08-21T14:40:11

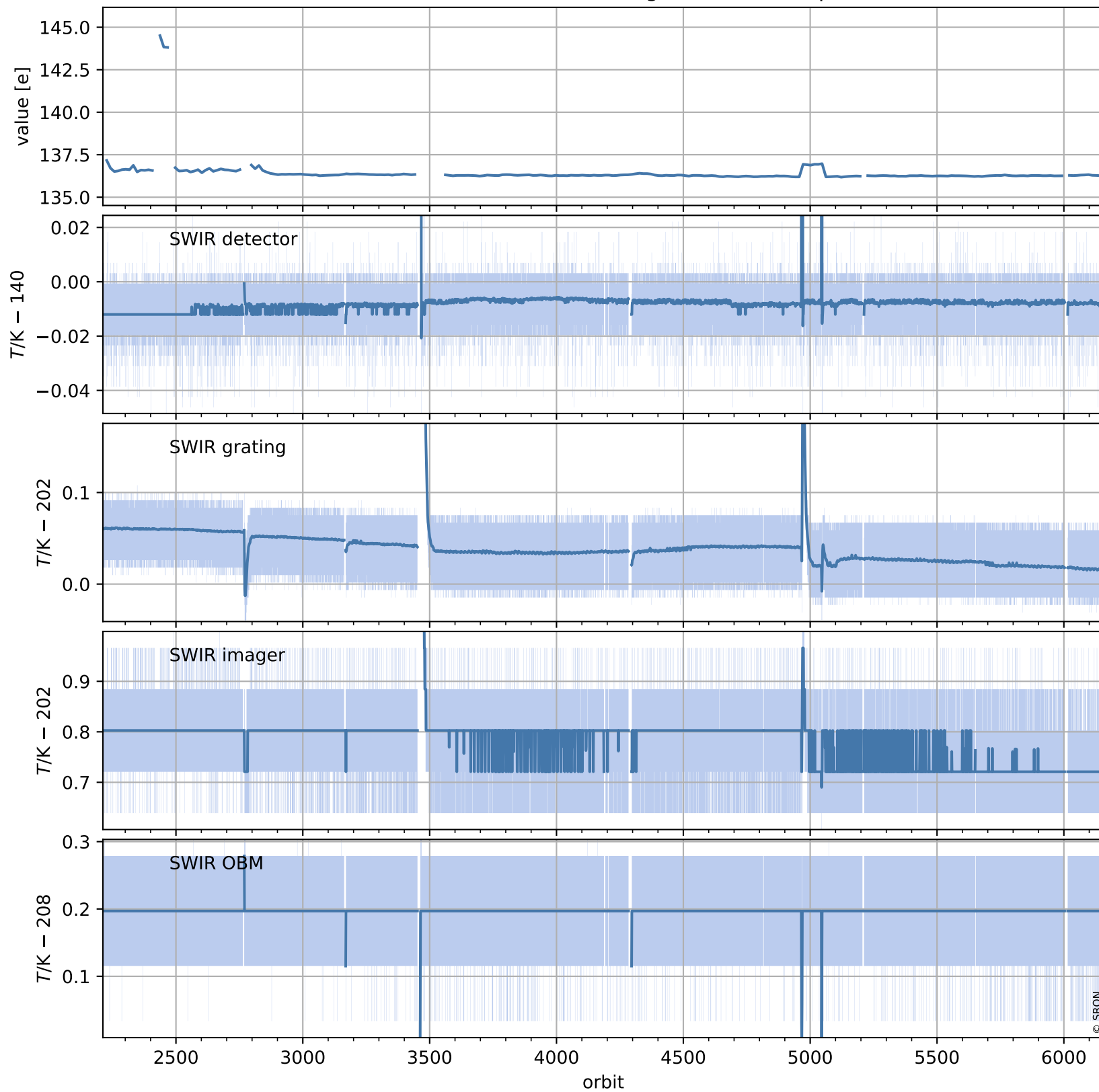
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6157]
coverage : 2018-03-18 / 2018-12-21
created : 2023-08-21T14:40:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6157]
coverage : 2018-03-18 / 2018-12-21
created : 2023-08-21T14:40:12

trend of normalized read-noise & temperatures

