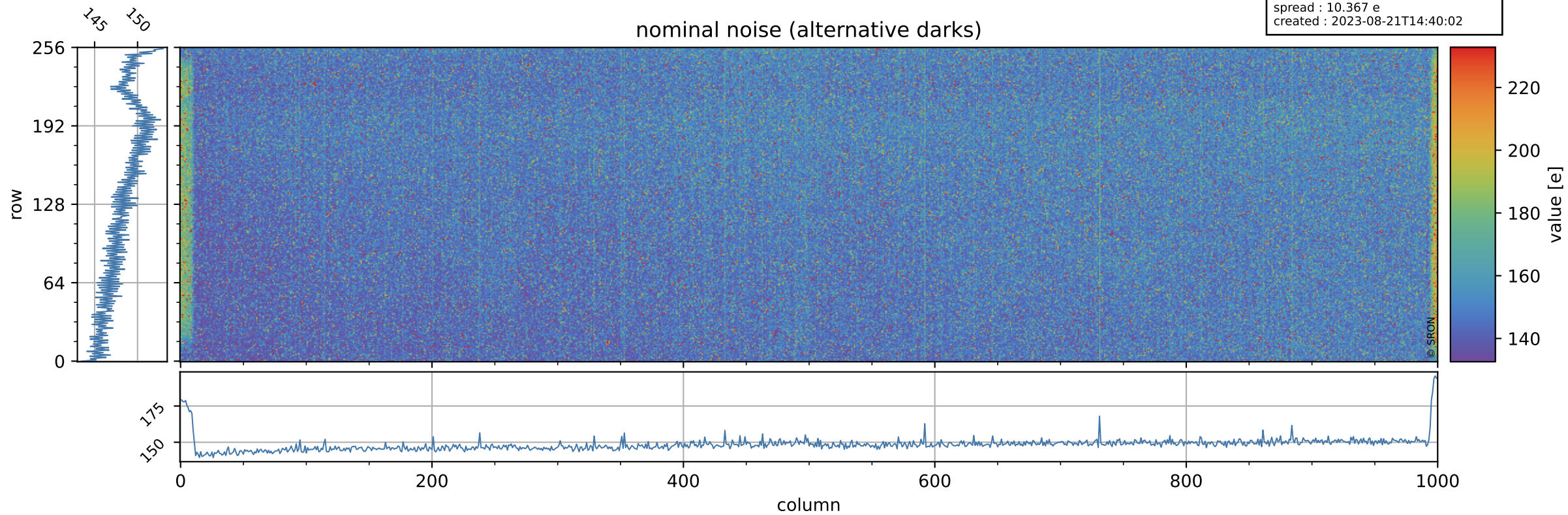


Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
n_coad, t_exp : 1, 1.0783
median : 148.27 e
spread : 10.367 e
created : 2023-08-21T14:40:02

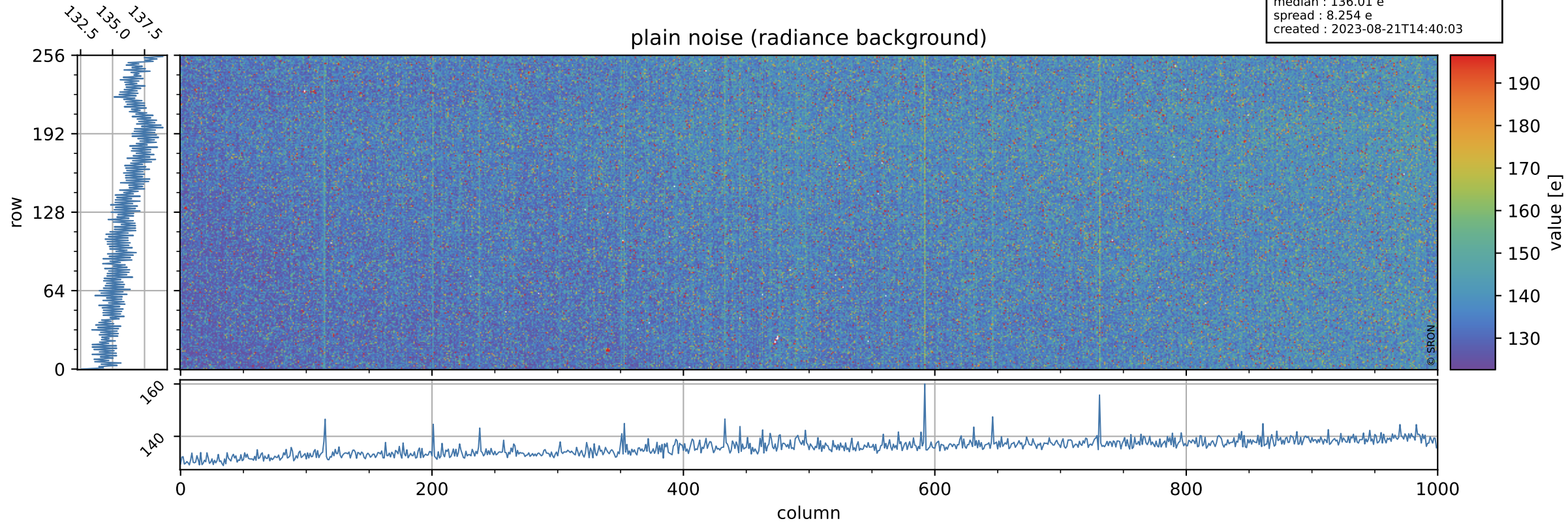
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
n_coad, t_exp : 2, 0.5383
median : 136.01 e
spread : 8.254 e
created : 2023-08-21T14:40:03

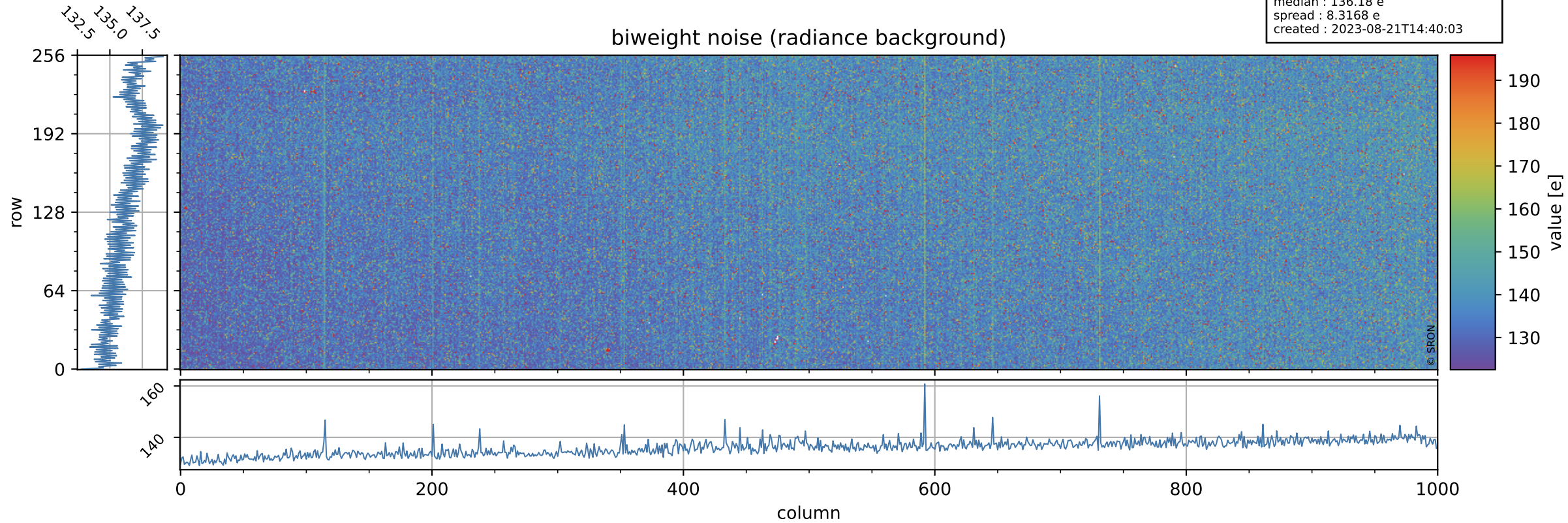
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3168 e
created : 2023-08-21T14:40:03

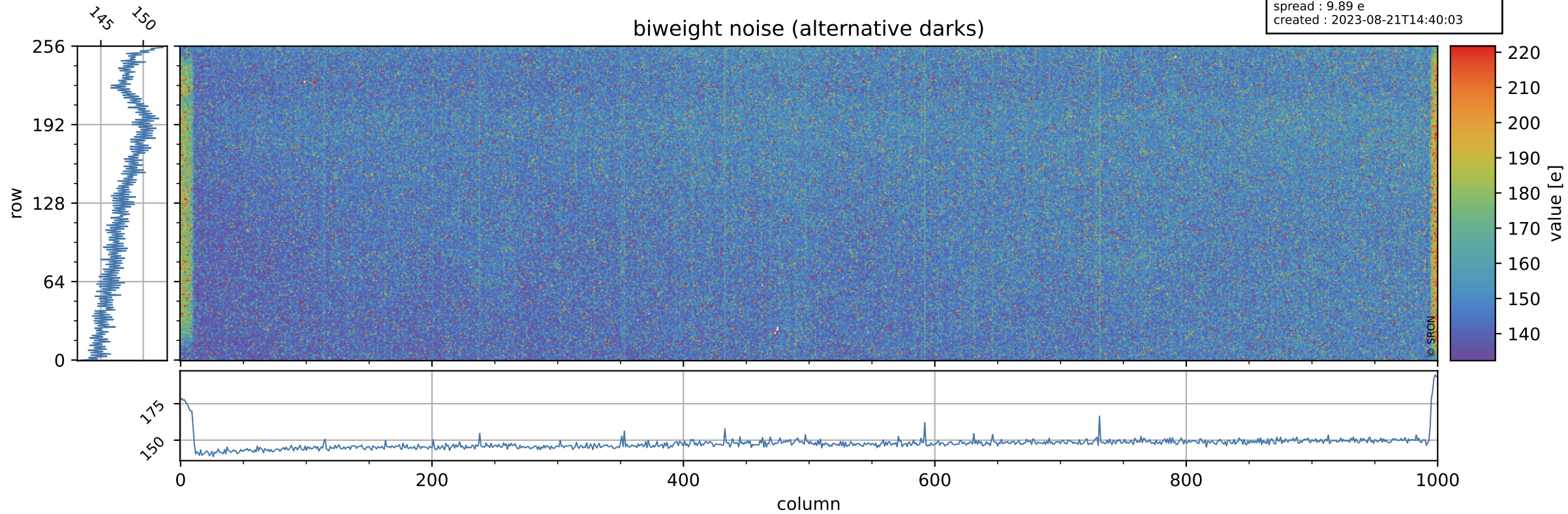
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.89 e
created : 2023-08-21T14:40:03

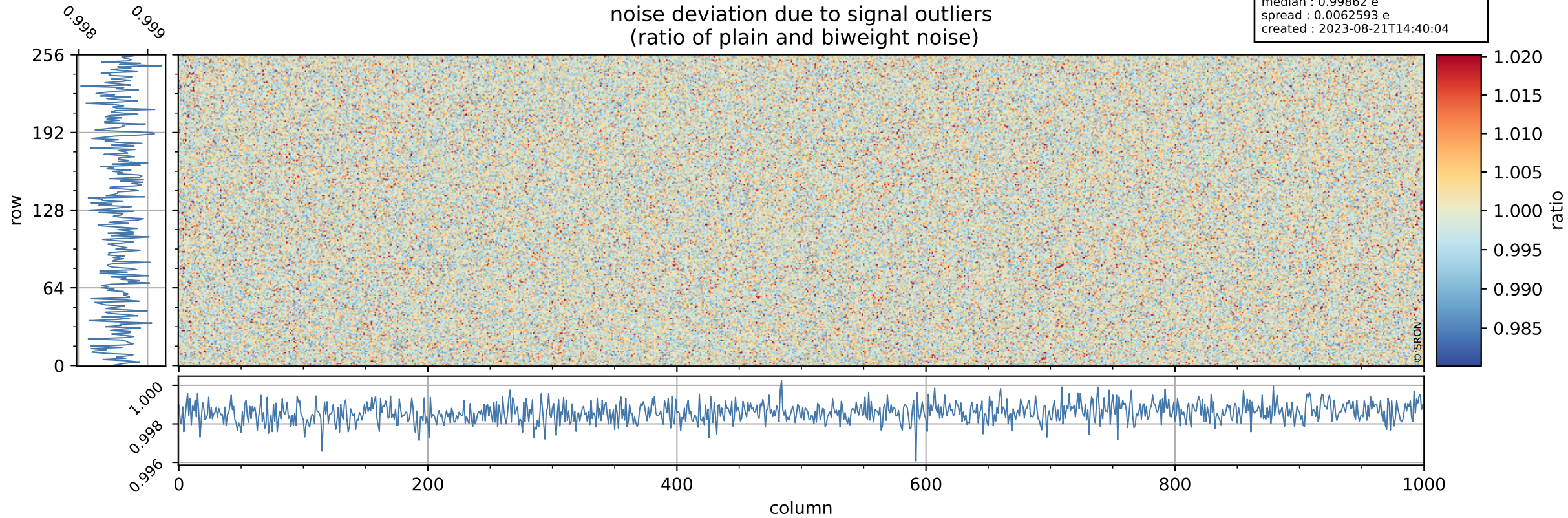
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

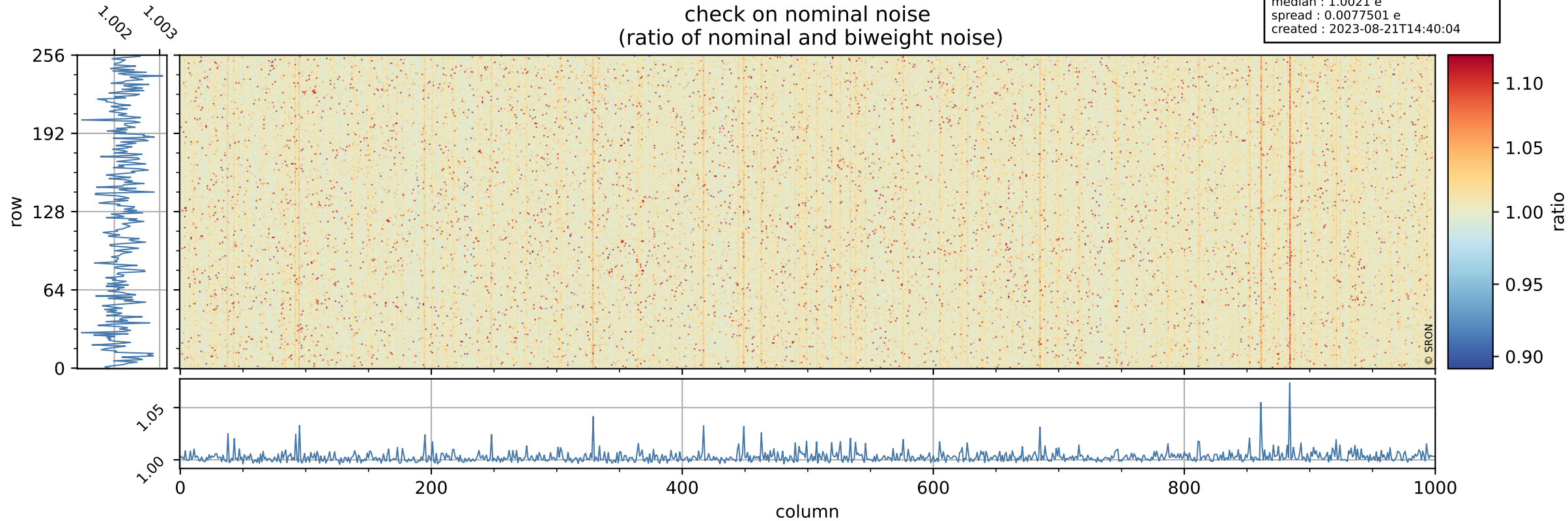
orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
median : 0.99862 e
spread : 0.0062593 e
created : 2023-08-21T14:40:04



Tropomi SWIR background noise (swir)

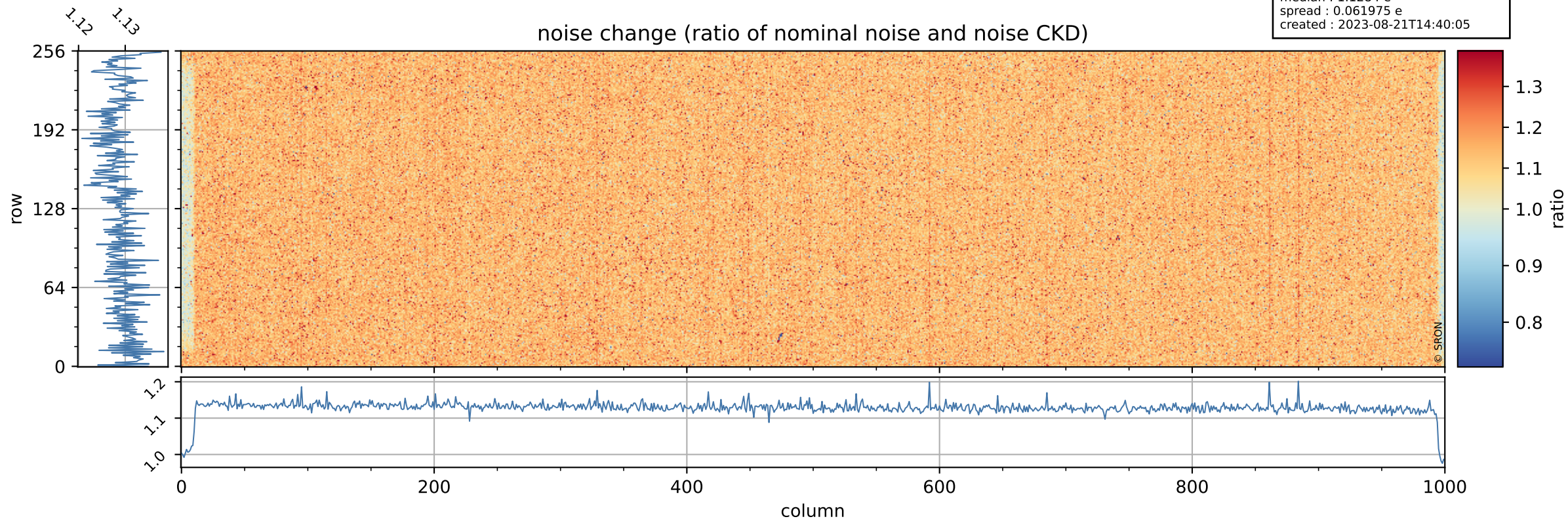
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
median : 1.0021 e
spread : 0.0077501 e
created : 2023-08-21T14:40:04



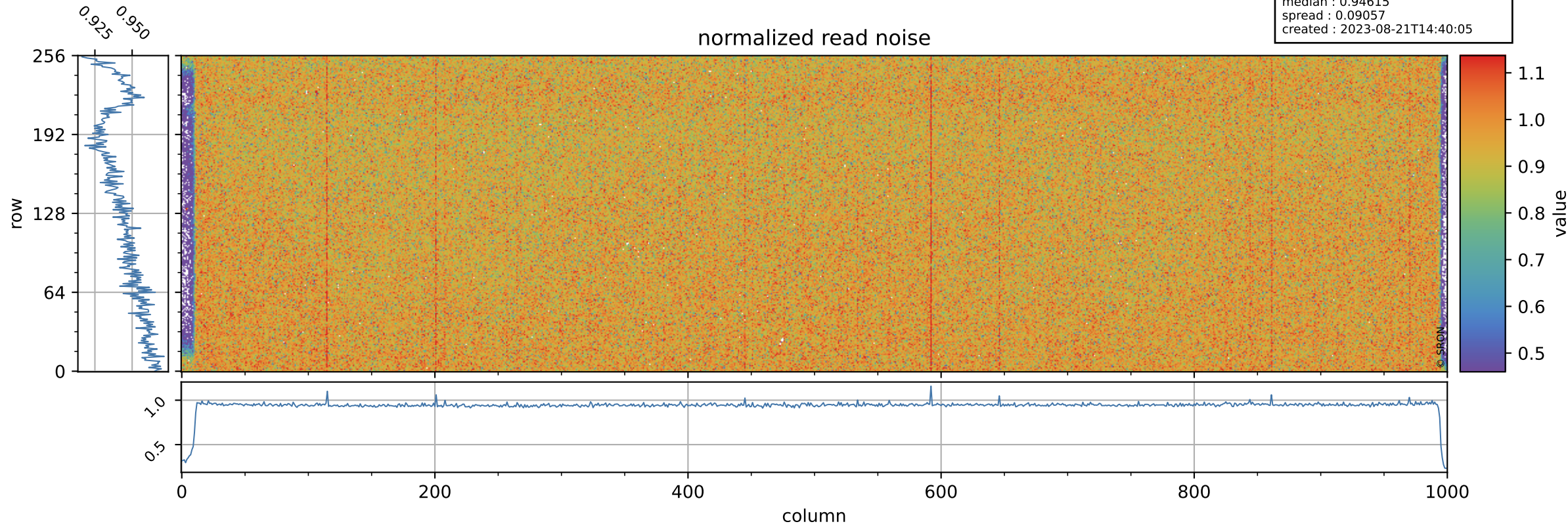
Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
median : 1.1284 e
spread : 0.061975 e
created : 2023-08-21T14:40:05



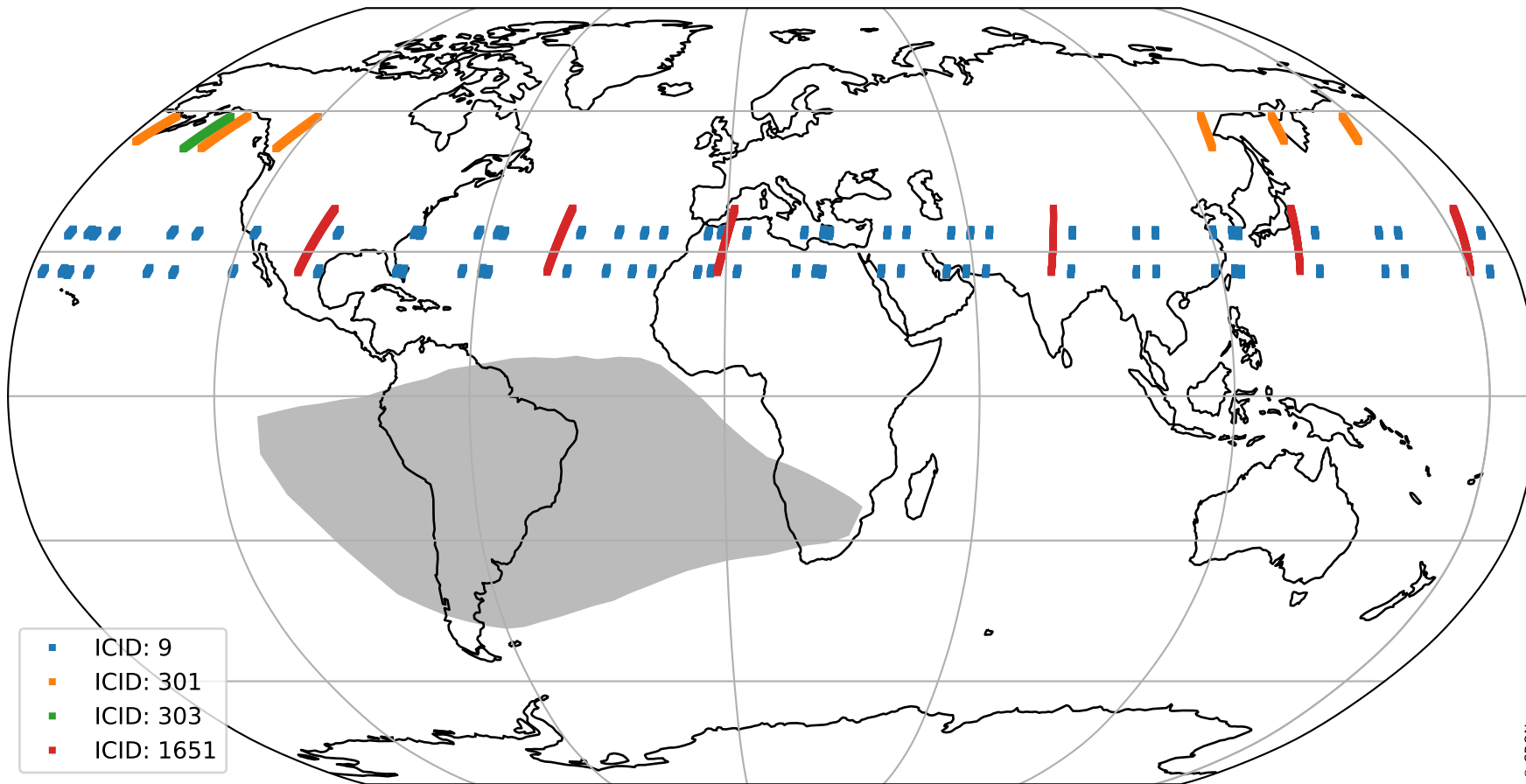
Tropomi SWIR background noise (swir)

orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
median : 0.94615
spread : 0.09057
created : 2023-08-21T14:40:05



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

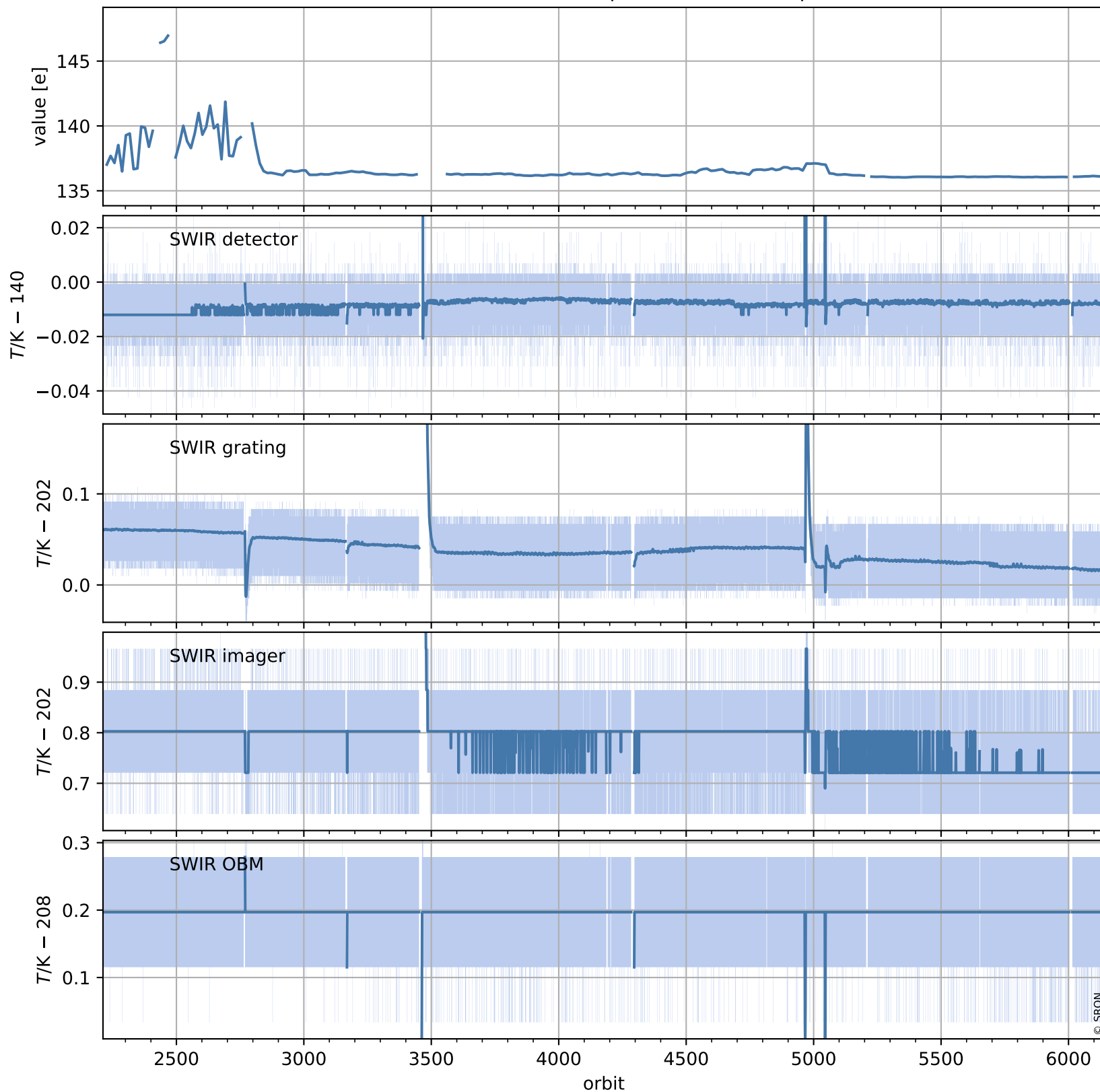
orbits : 13 in [6067, 6142]
coverage : 2018-12-14 / 2018-12-19
created : 2023-08-21T14:40:05



Tropomi SWIR background noise (swir)

orbits : [2212, 6142]
coverage : 2018-03-18 / 2018-12-19
created : 2023-08-21T14:40:06

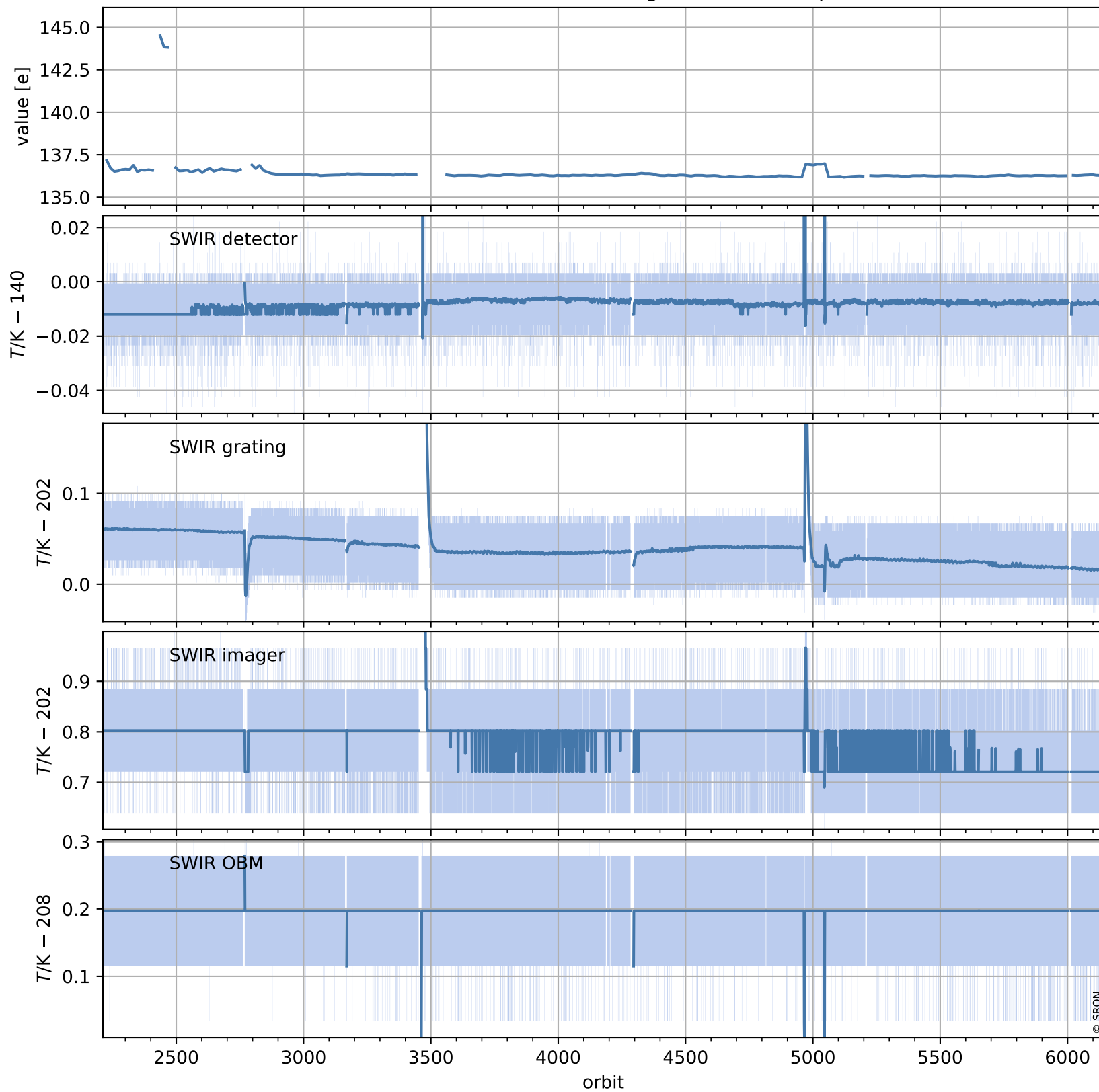
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6142]
coverage : 2018-03-18 / 2018-12-19
created : 2023-08-21T14:40:06

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6142]
coverage : 2018-03-18 / 2018-12-19
created : 2023-08-21T14:40:07

trend of normalized read-noise & temperatures

