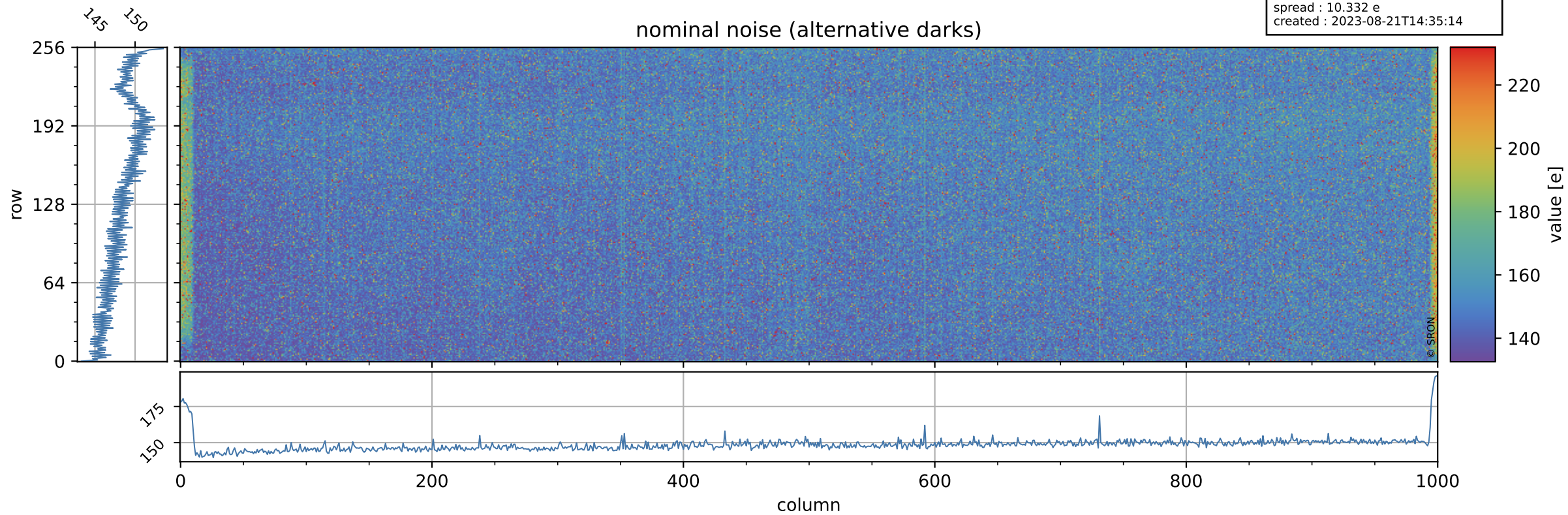


Tropomi SWIR background noise (swir)

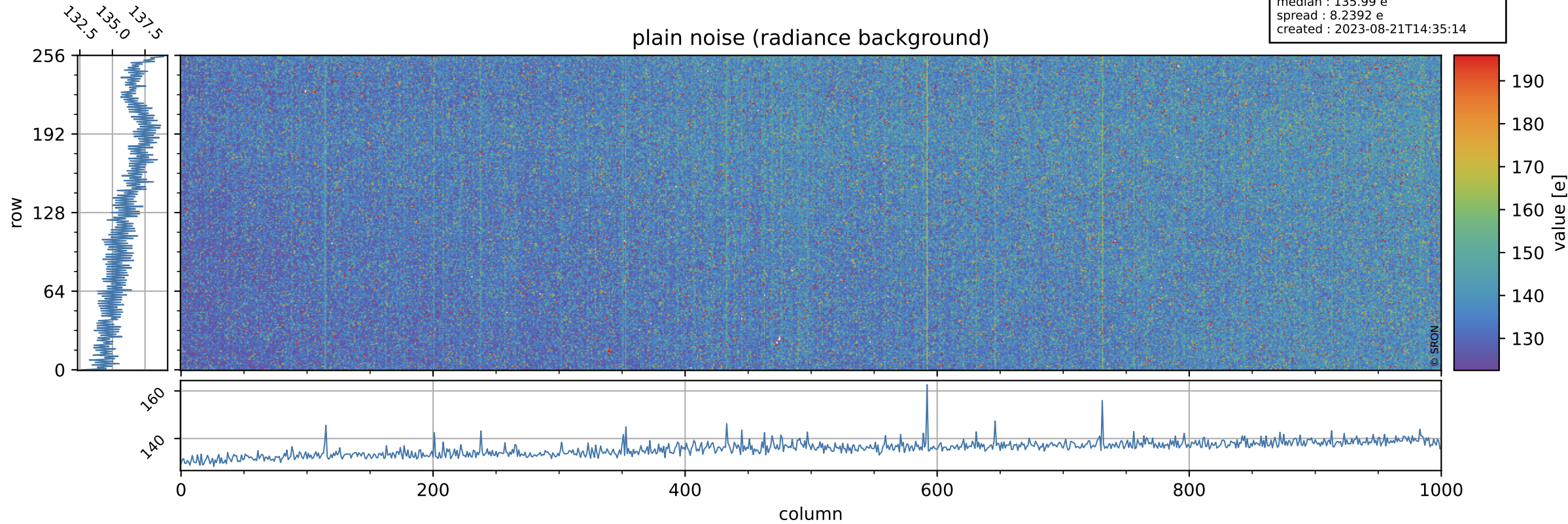
orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
n_coad, t_exp : 1, 1.0783
median : 148.31 e
spread : 10.332 e
created : 2023-08-21T14:35:14



Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
n_coad, t_exp : 2, 0.5383
median : 135.99 e
spread : 8.2392 e
created : 2023-08-21T14:35:14

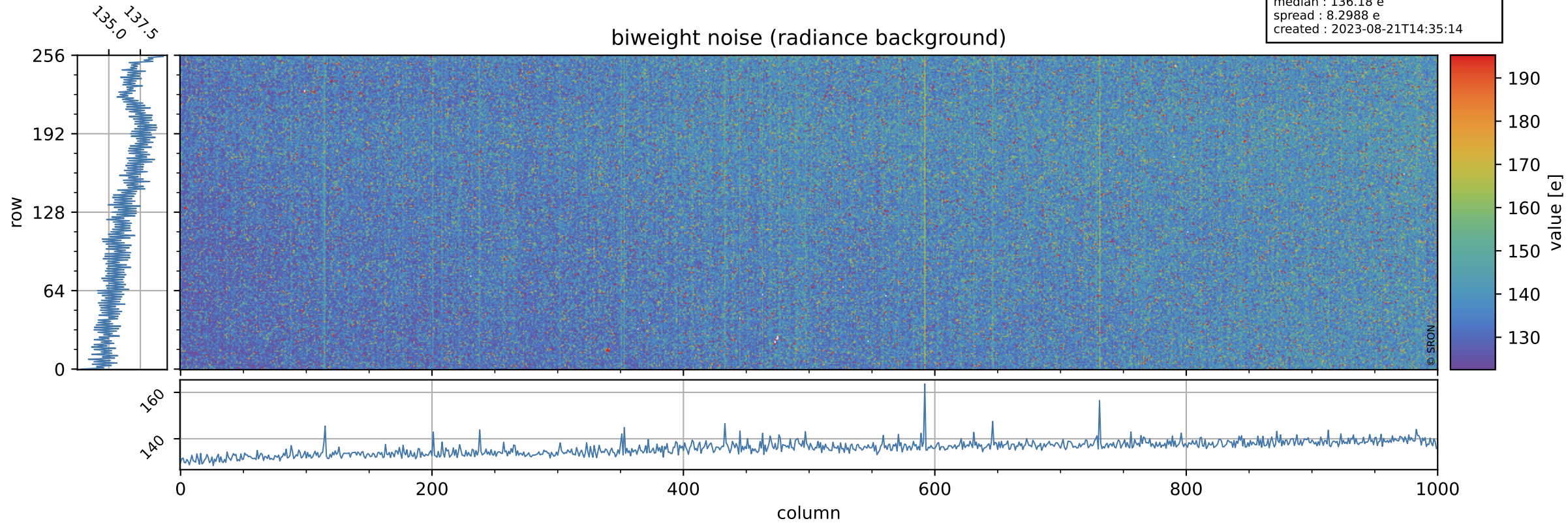
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.2988 e
created : 2023-08-21T14:35:14

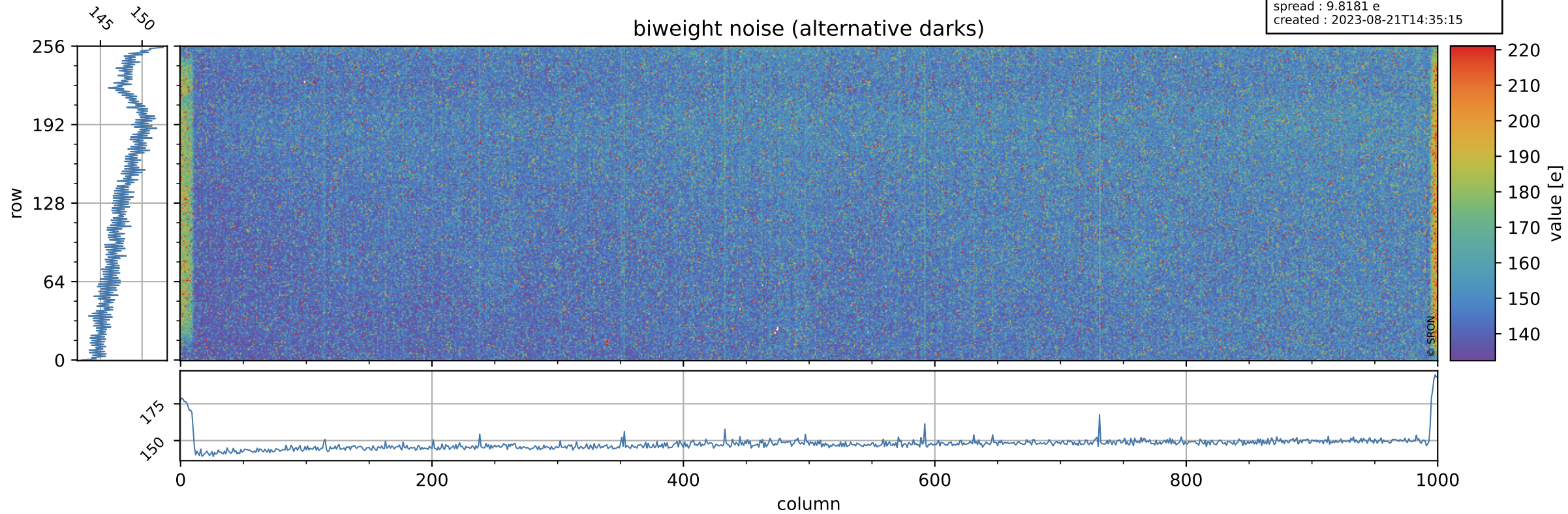
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
n_coad, t_exp : 1, 1.0783
median : 147.52 e
spread : 9.8181 e
created : 2023-08-21T14:35:15

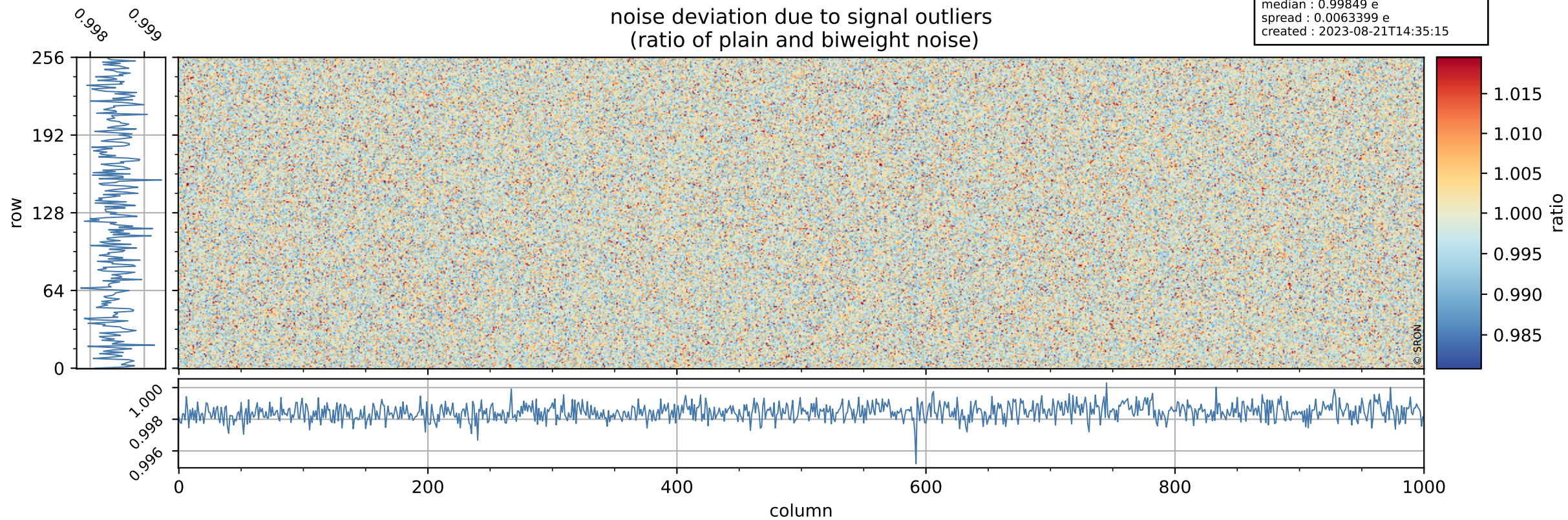
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

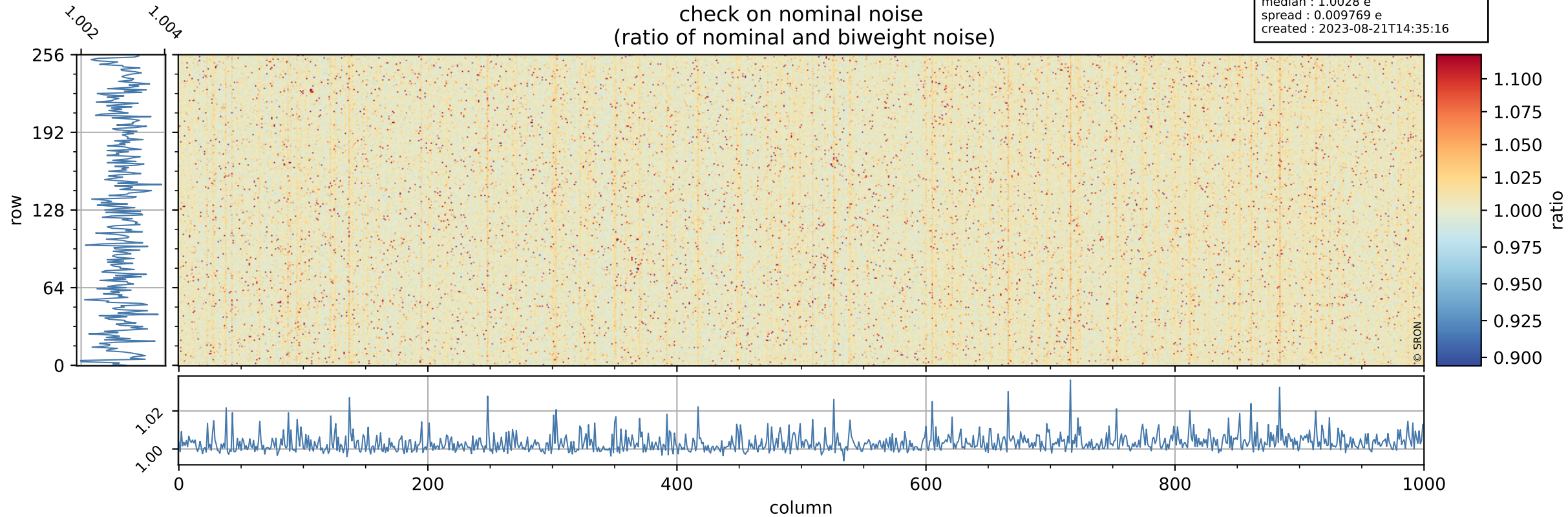
orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
median : 0.99849 e
spread : 0.0063399 e
created : 2023-08-21T14:35:15



Tropomi SWIR background noise (swir)

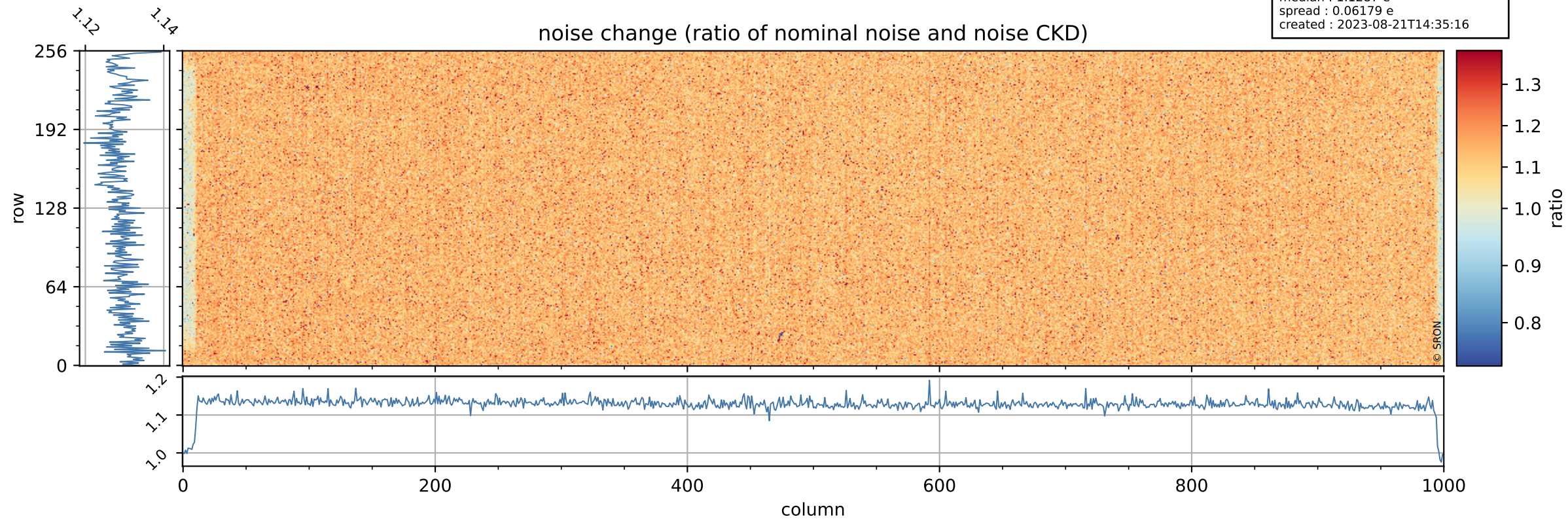
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
median : 1.0028 e
spread : 0.009769 e
created : 2023-08-21T14:35:16



Tropomi SWIR background noise (swir)

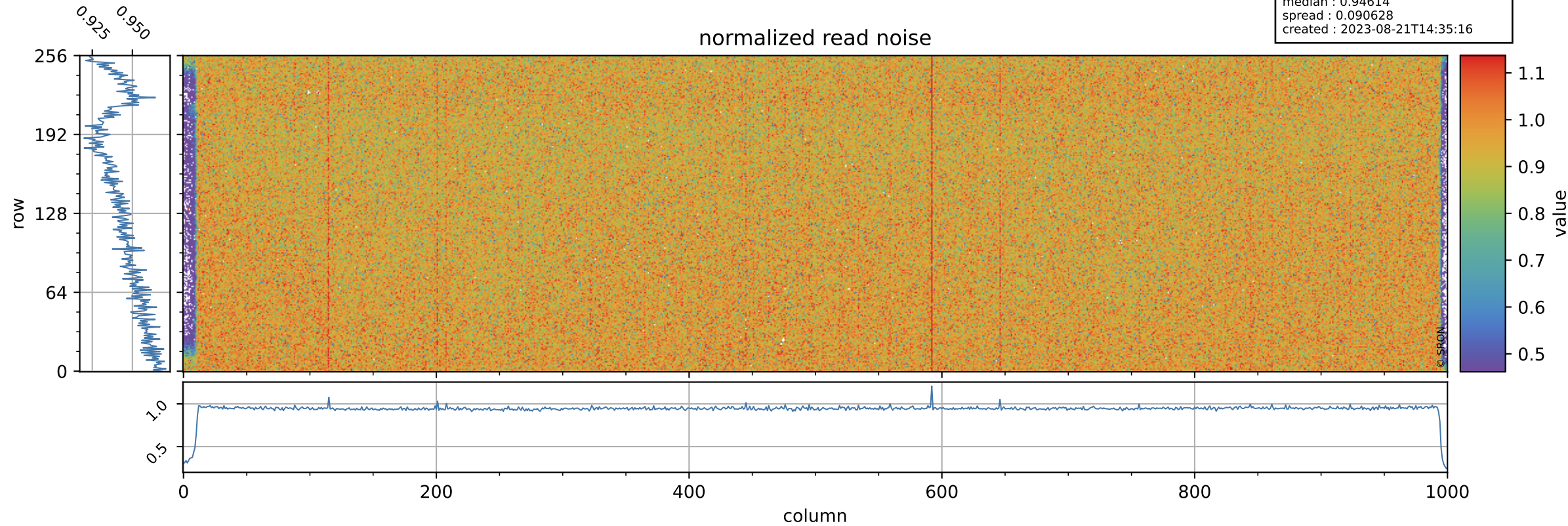
orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
median : 1.1287 e
spread : 0.06179 e
created : 2023-08-21T14:35:16



Tropomi SWIR background noise (swir)

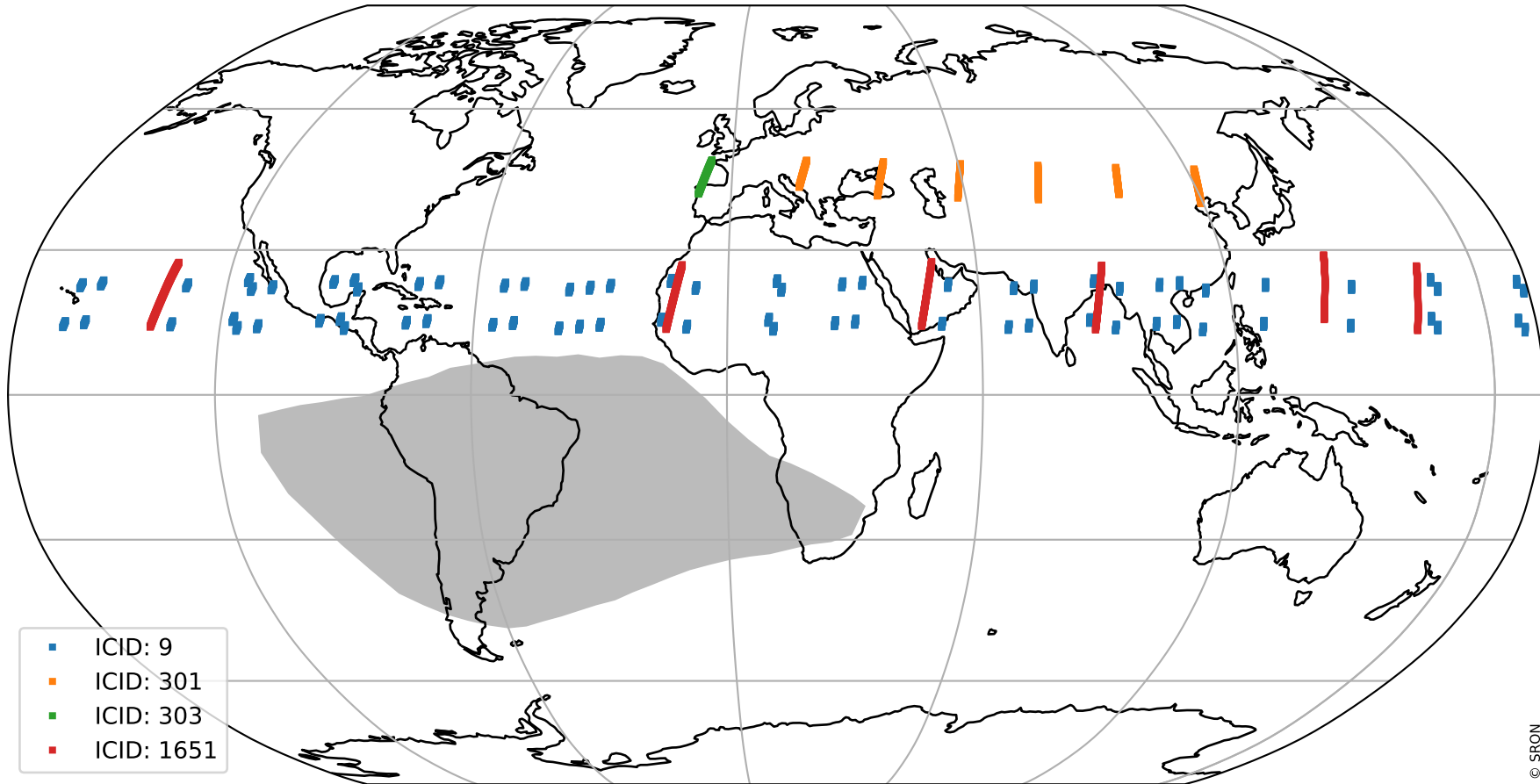
orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
median : 0.94614
spread : 0.090628
created : 2023-08-21T14:35:16

normalized read noise



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

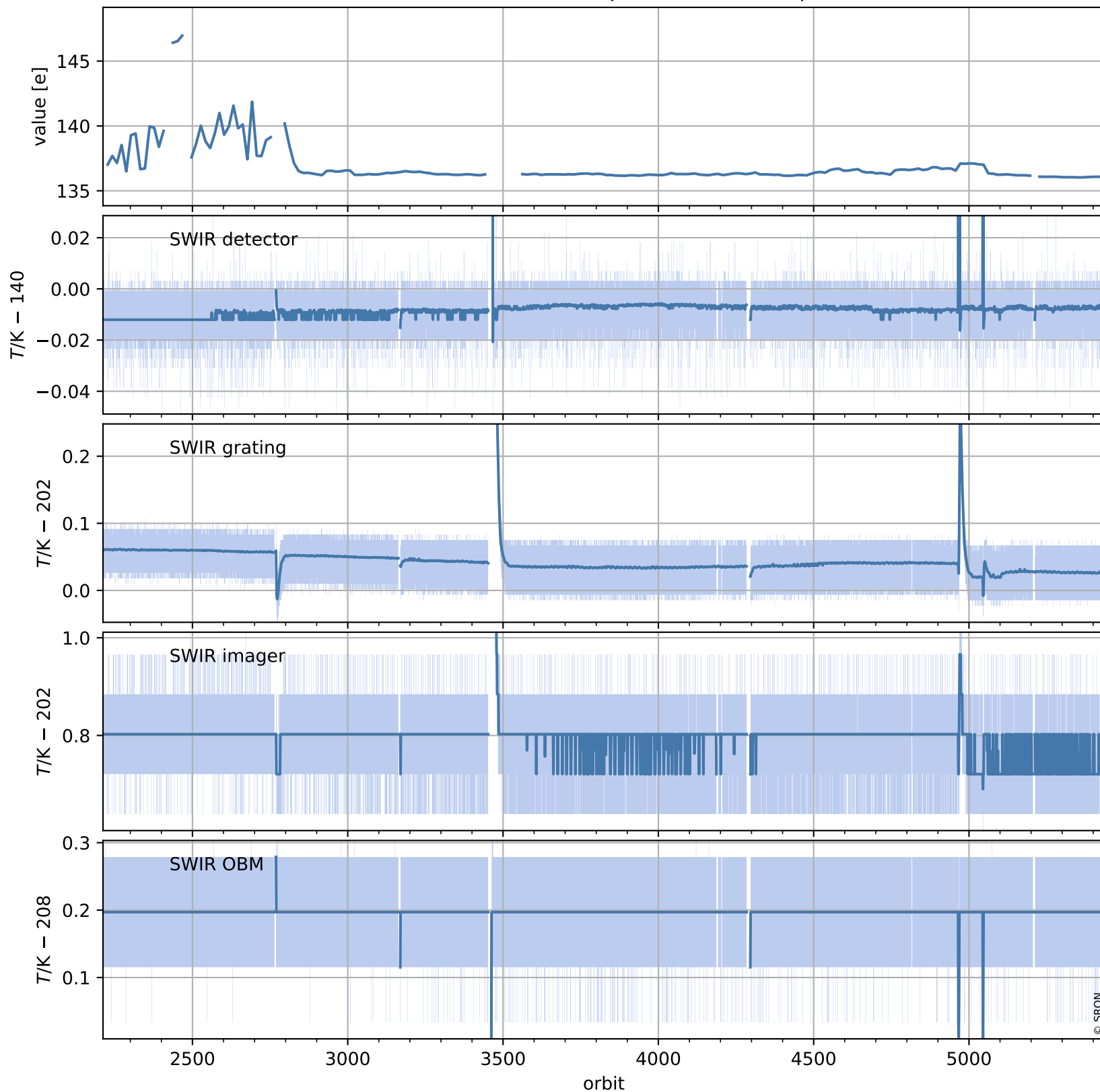
orbits : 13 in [5347, 5437]
coverage : 2018-10-25 / 2018-10-31
created : 2023-08-21T14:35:17



Tropomi SWIR background noise (swir)

orbits : [2212, 5437]
coverage : 2018-03-18 / 2018-10-31
created : 2023-08-21T14:35:17

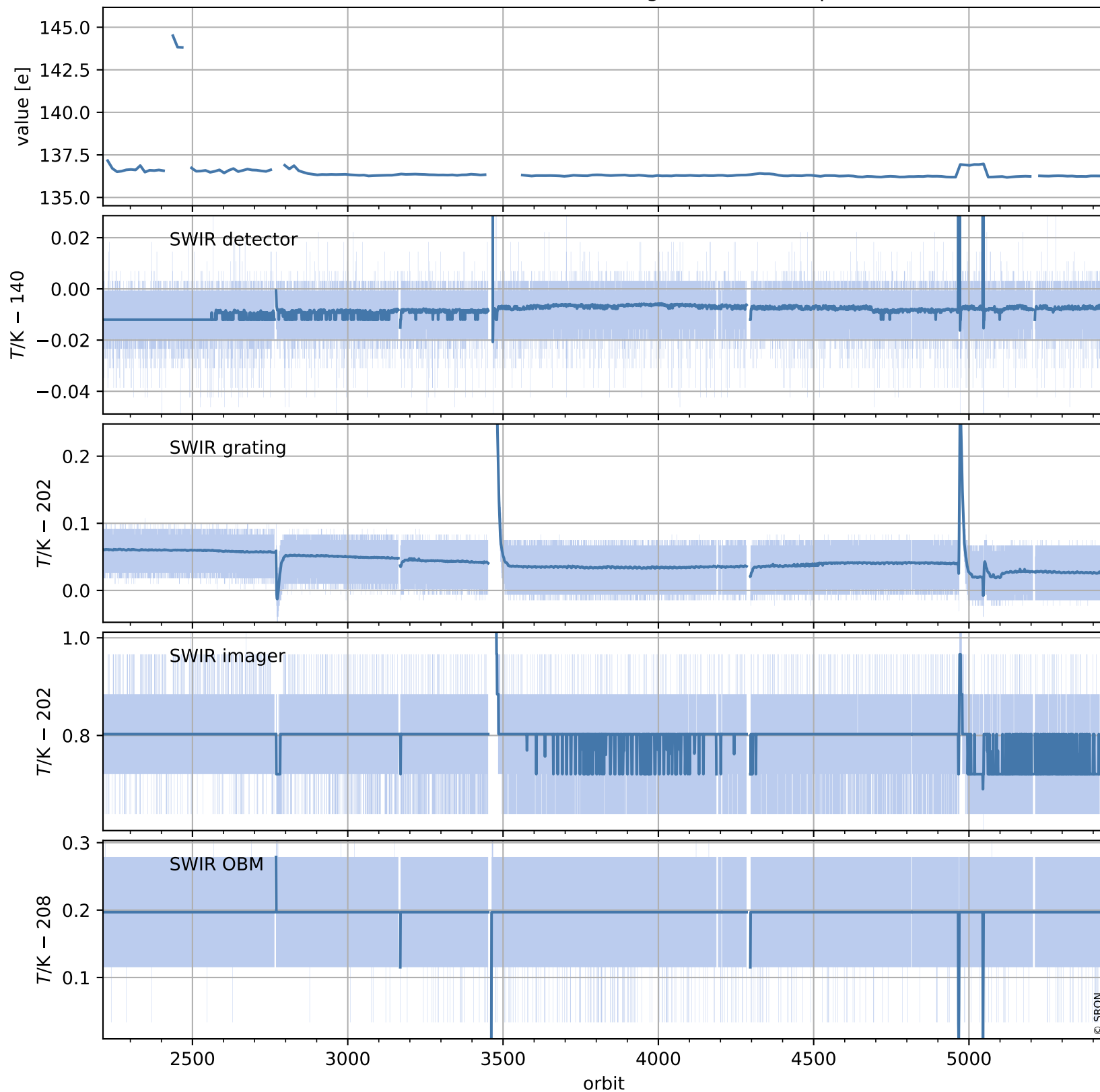
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5437]
coverage : 2018-03-18 / 2018-10-31
created : 2023-08-21T14:35:18

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 5437]
coverage : 2018-03-18 / 2018-10-31
created : 2023-08-21T14:35:19

trend of normalized read-noise & temperatures

