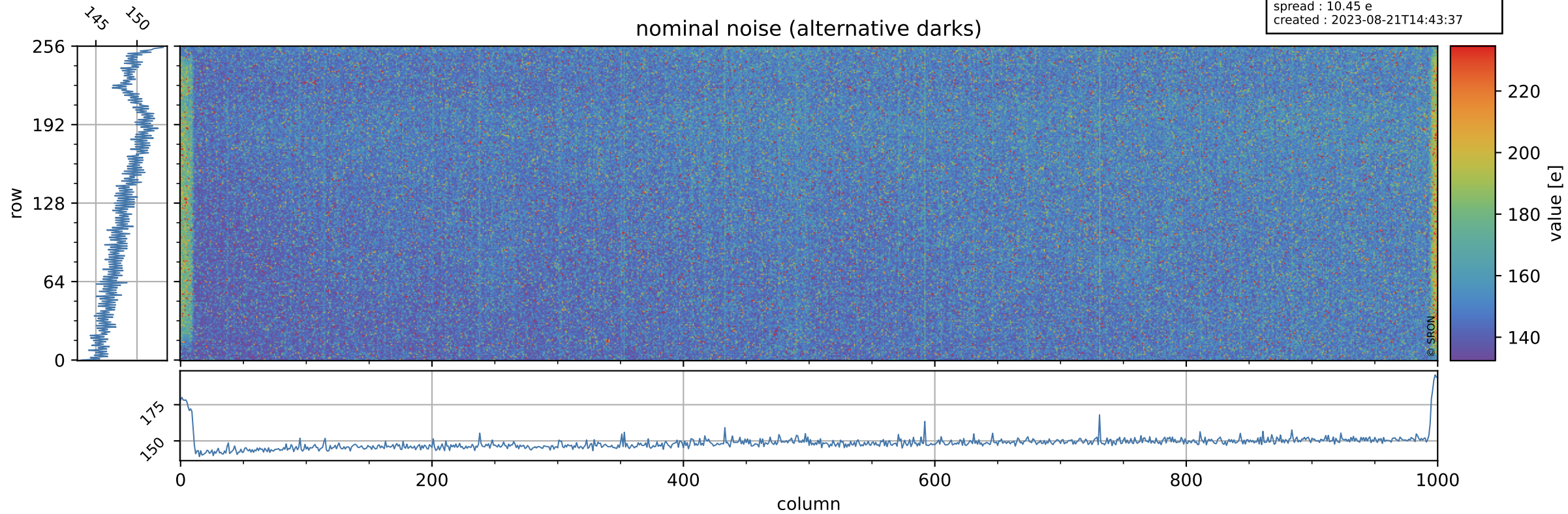


Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
n_coad, t_exp : 1, 1.0783
median : 148.41 e
spread : 10.45 e
created : 2023-08-21T14:43:37

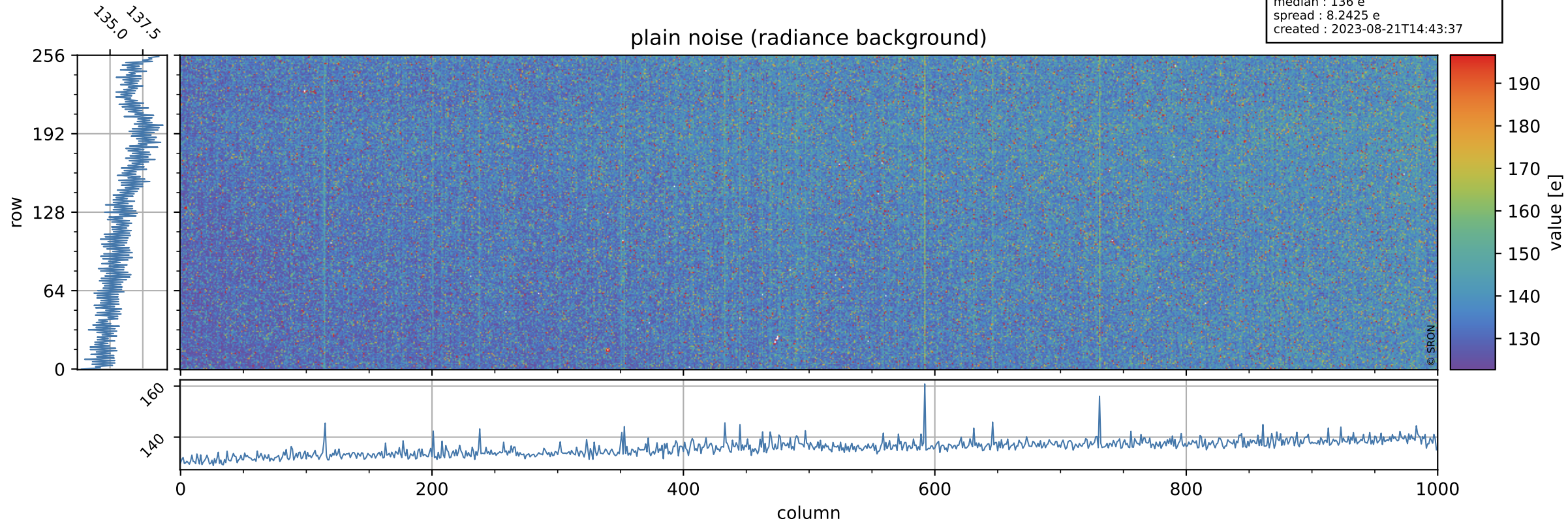
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
n_coad, t_exp : 2, 0.5383
median : 136 e
spread : 8.2425 e
created : 2023-08-21T14:43:37

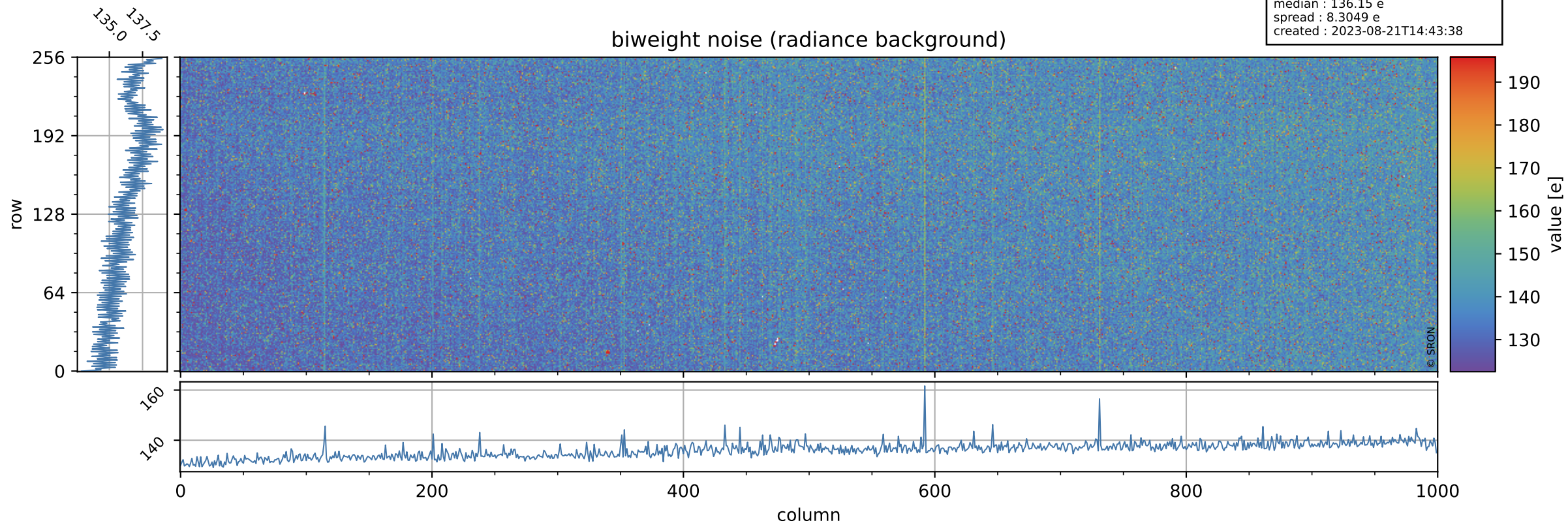
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
n_coad, t_exp : 2, 0.5383
median : 136.15 e
spread : 8.3049 e
created : 2023-08-21T14:43:38

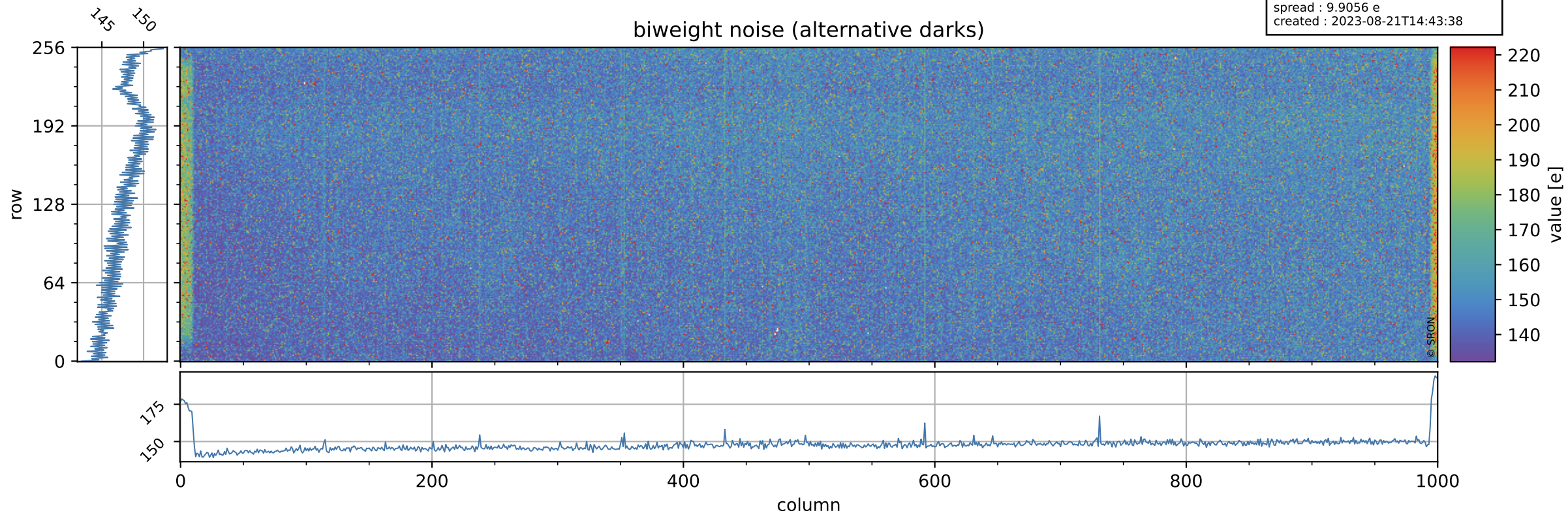
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
n_coad, t_exp : 1, 1.0783
median : 147.53 e
spread : 9.9056 e
created : 2023-08-21T14:43:38

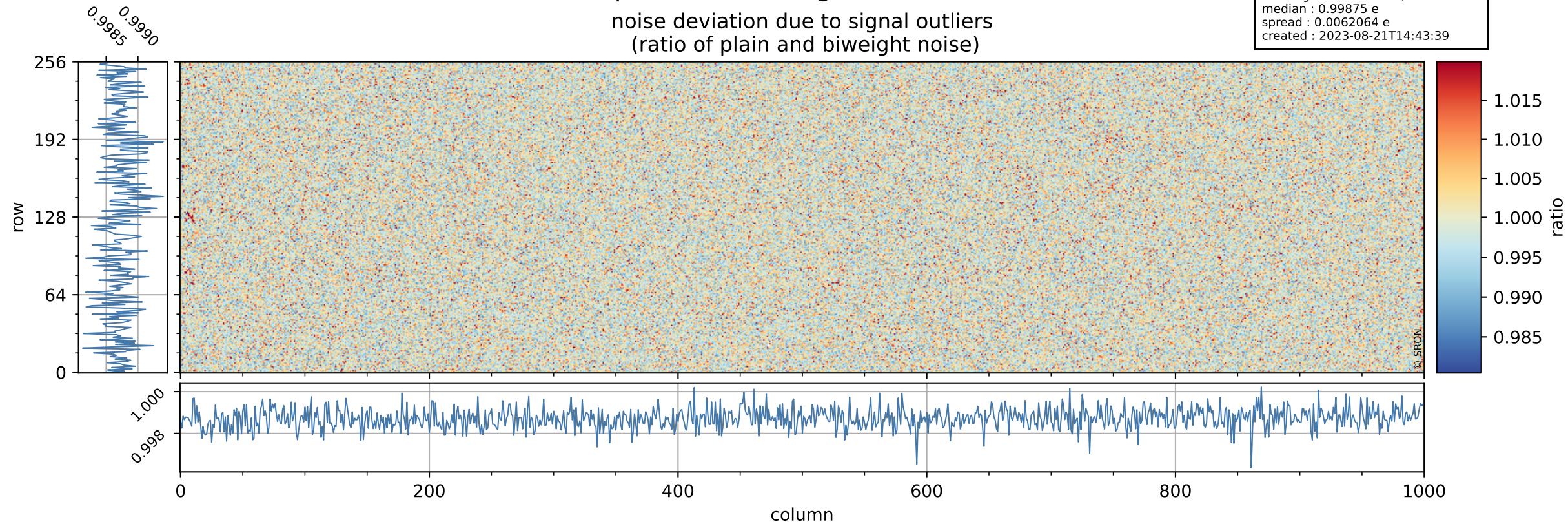
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

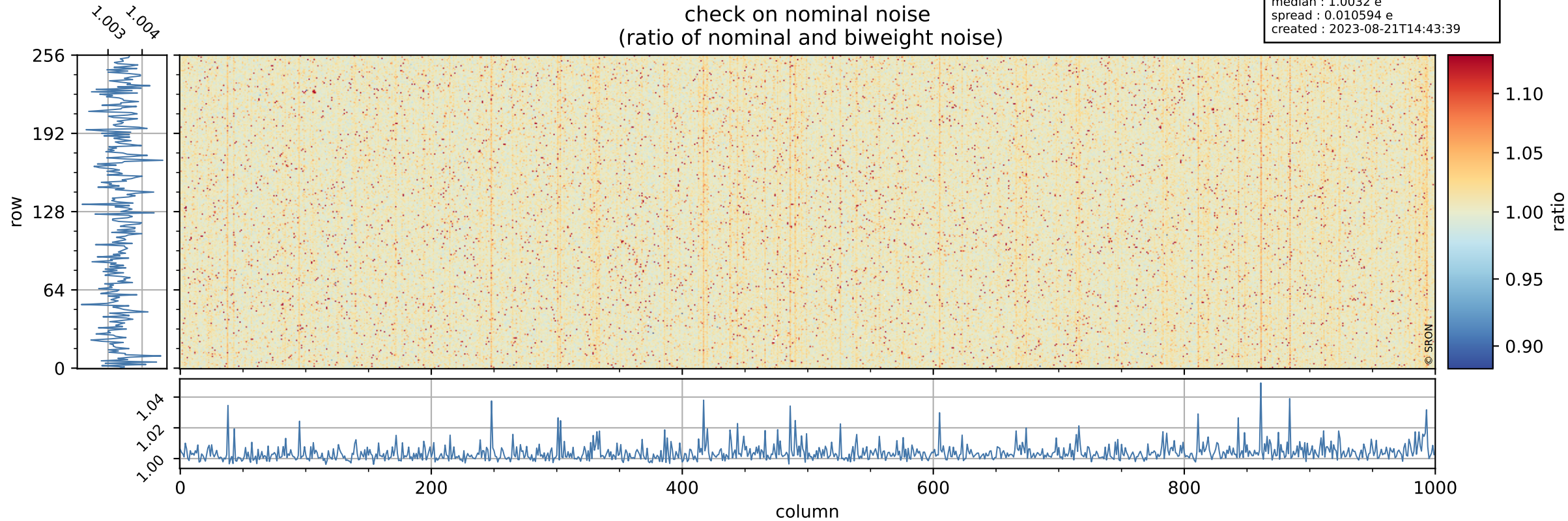
orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
median : 0.99875 e
spread : 0.0062064 e
created : 2023-08-21T14:43:39



Tropomi SWIR background noise (swir)

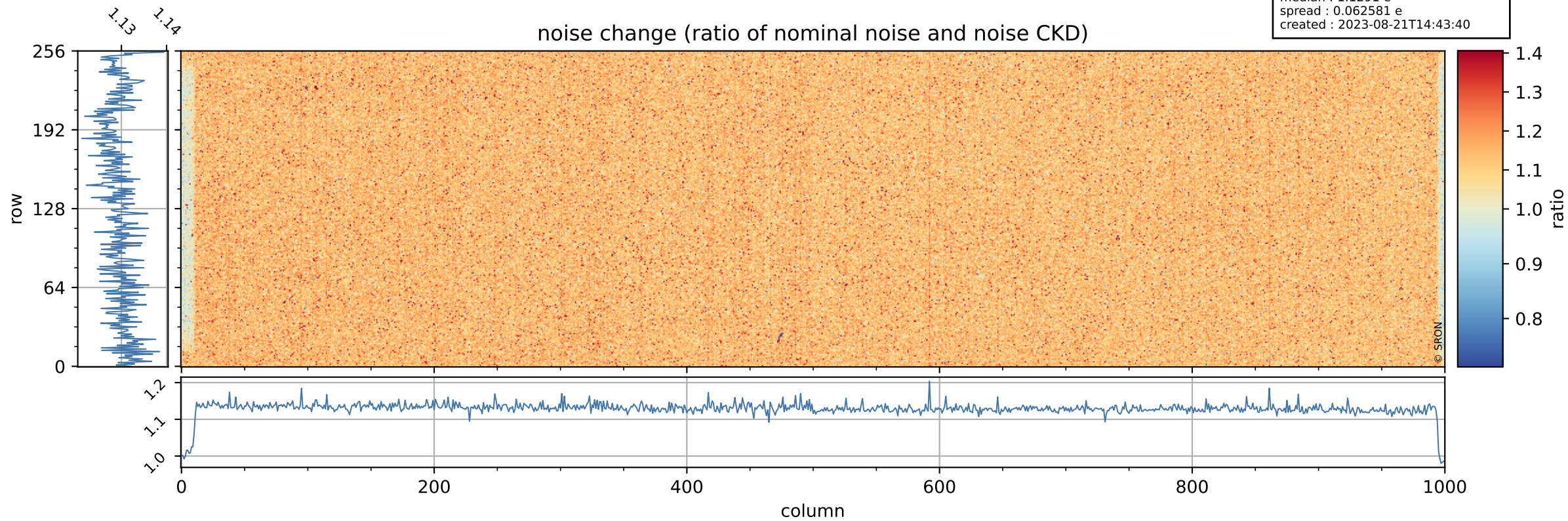
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
median : 1.0032 e
spread : 0.010594 e
created : 2023-08-21T14:43:39



Tropomi SWIR background noise (swir)

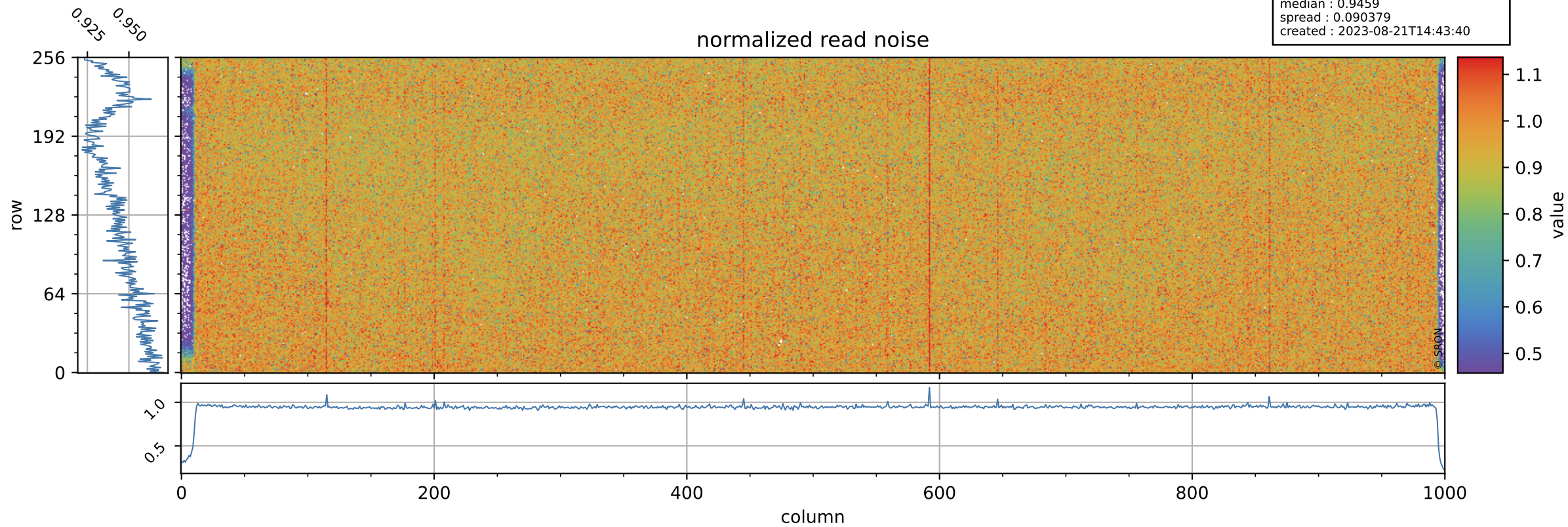
orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
median : 1.1291 e
spread : 0.062581 e
created : 2023-08-21T14:43:40



Tropomi SWIR background noise (swir)

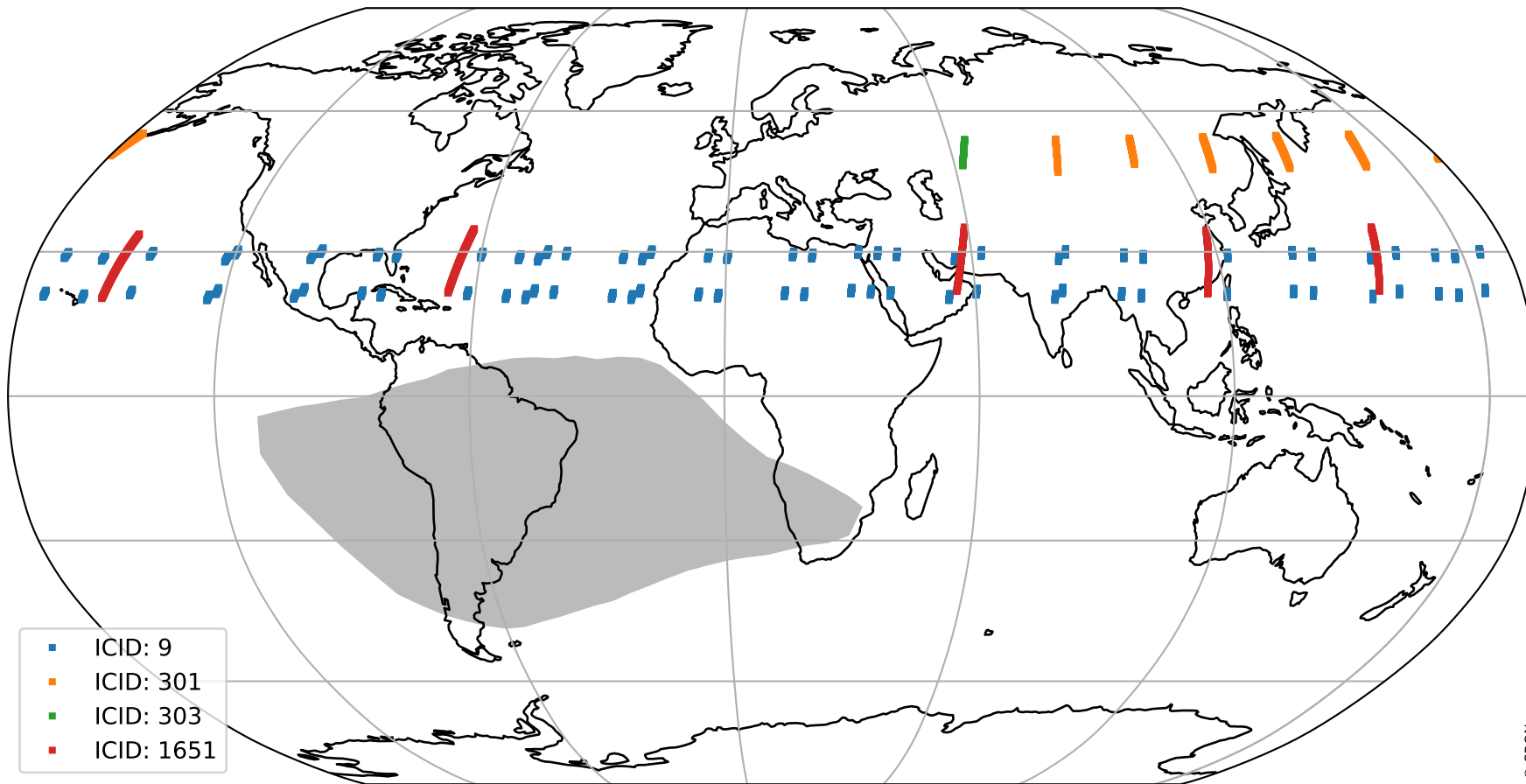
orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
median : 0.9459
spread : 0.090379
created : 2023-08-21T14:43:40

normalized read noise



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

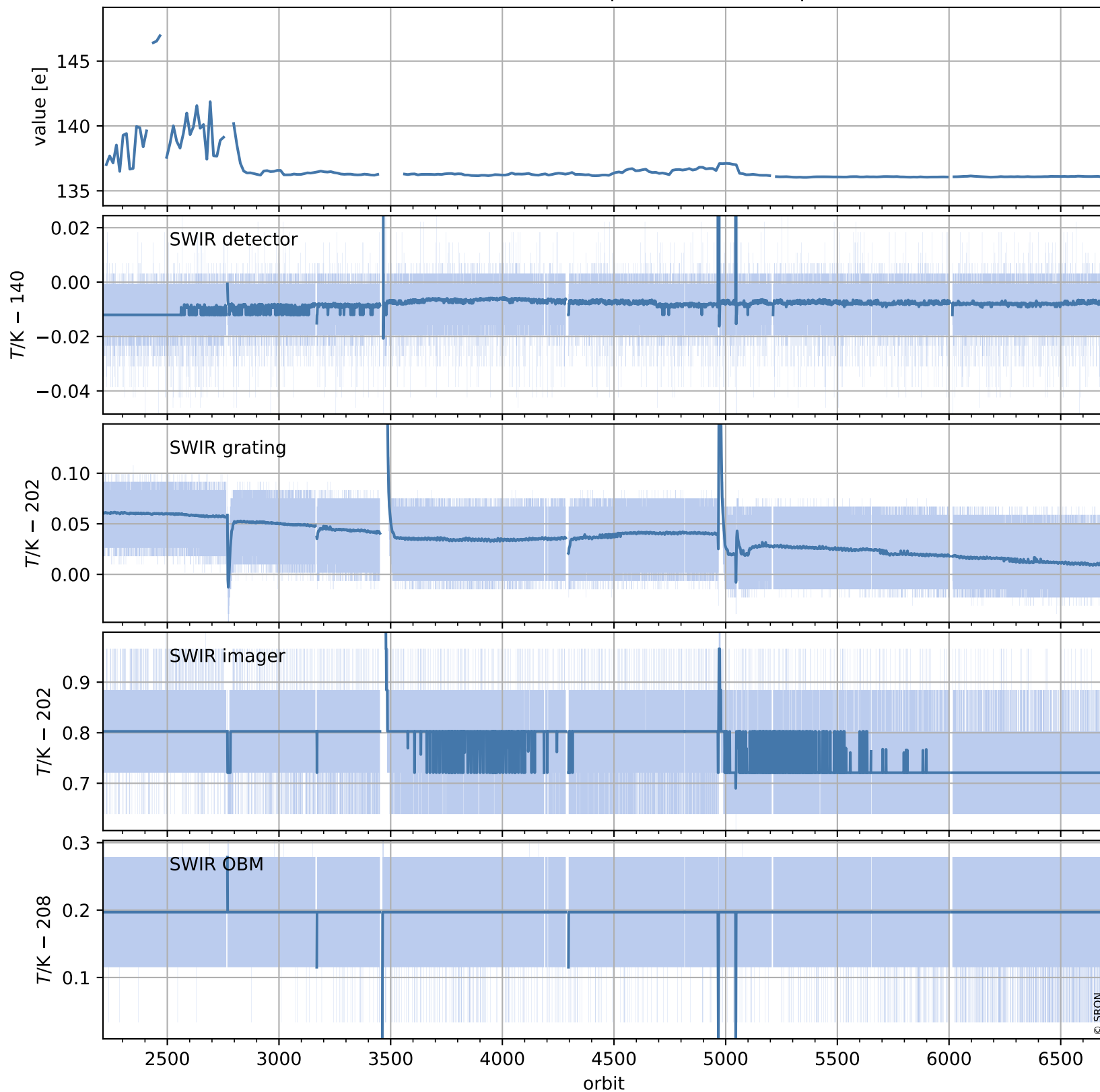
orbits : 12 in [6607, 6697]
coverage : 2019-01-22 / 2019-01-28
created : 2023-08-21T14:43:40



Tropomi SWIR background noise (swir)

orbits : [2212, 6697]
coverage : 2018-03-18 / 2019-01-28
created : 2023-08-21T14:43:41

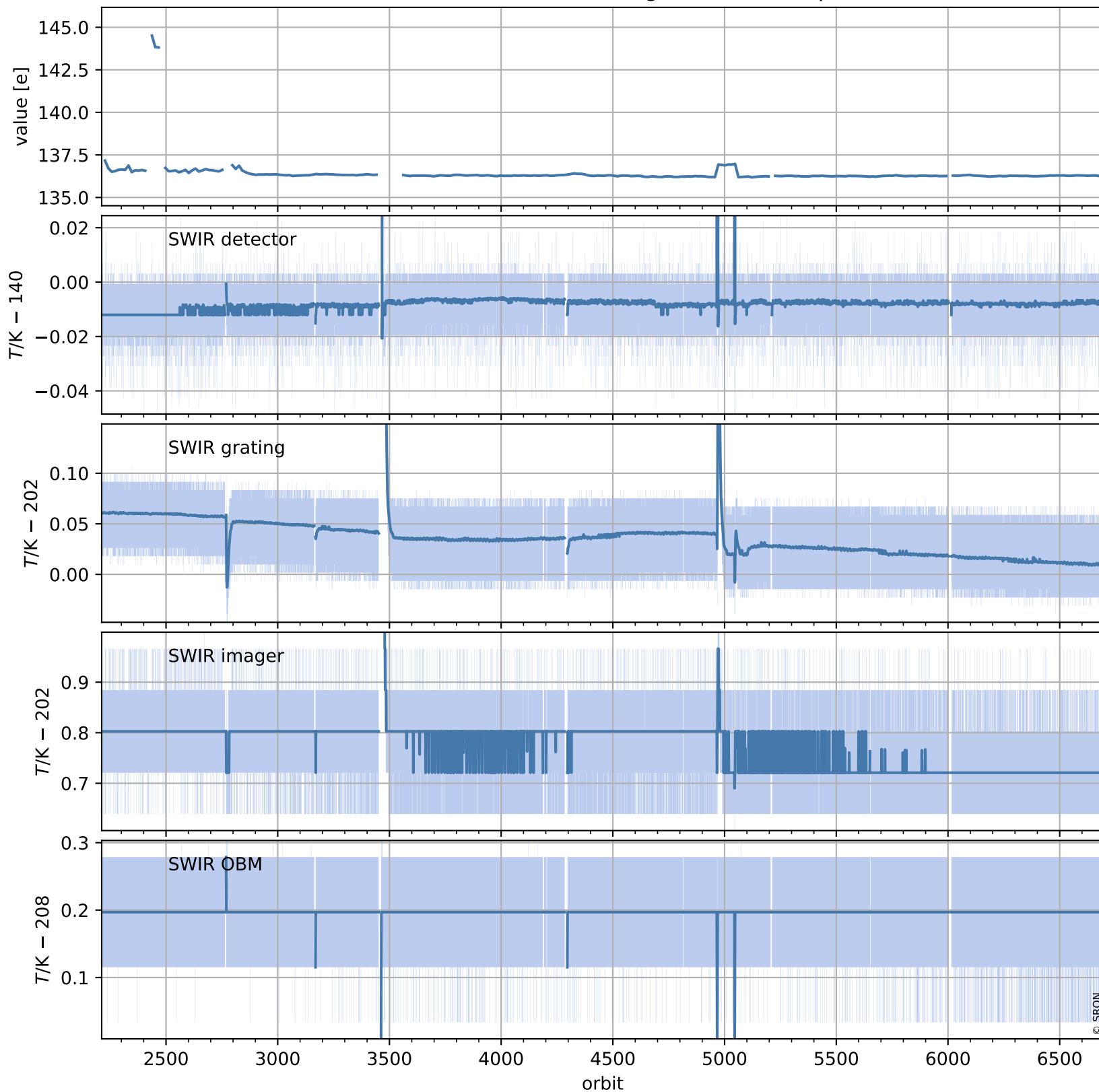
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6697]
coverage : 2018-03-18 / 2019-01-28
created : 2023-08-21T14:43:42

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6697]
coverage : 2018-03-18 / 2019-01-28
created : 2023-08-21T14:43:42

trend of normalized read-noise & temperatures

