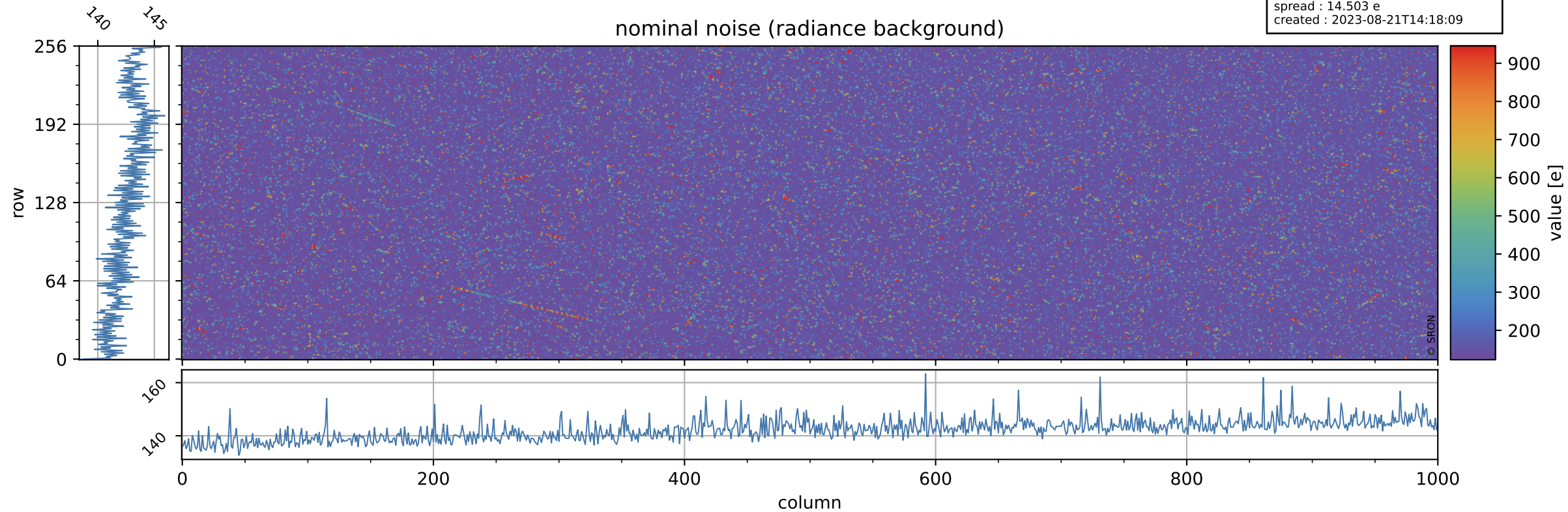


Tropomi SWIR background noise (swir)

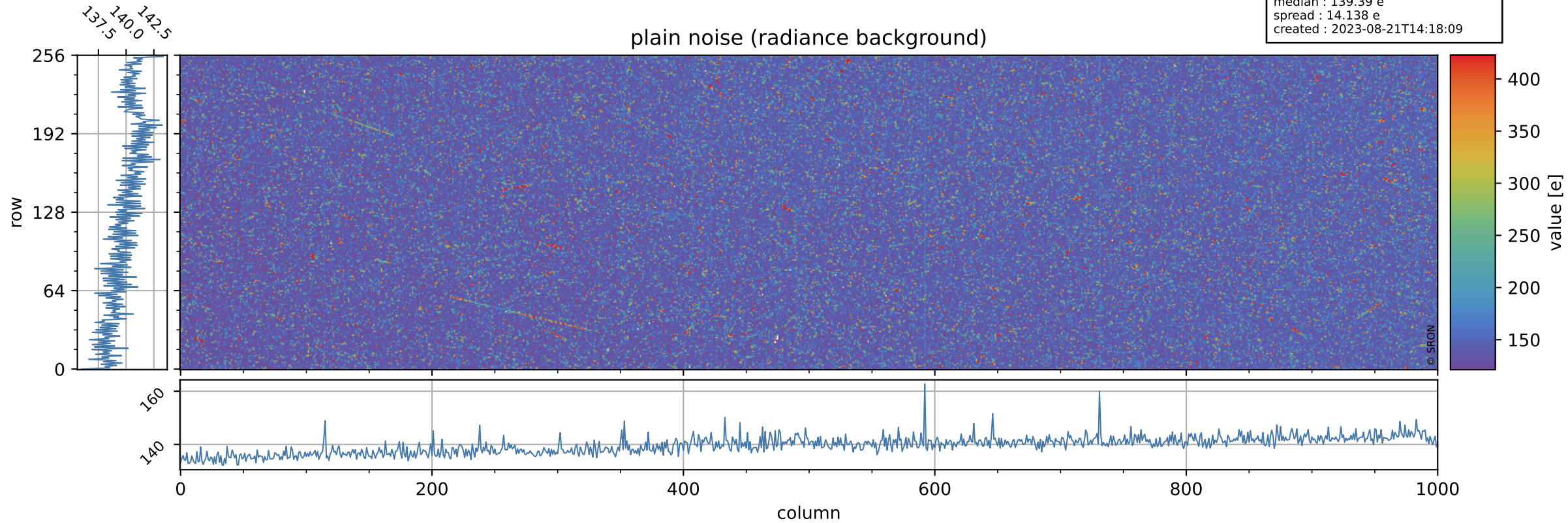
orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
n_coad, t_exp : 2, 0.5383
median : 141.54 e
spread : 14.503 e
created : 2023-08-21T14:18:09



Tropomi SWIR background noise (swir)

orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
n_coad, t_exp : 2, 0.5383
median : 139.39 e
spread : 14.138 e
created : 2023-08-21T14:18:09

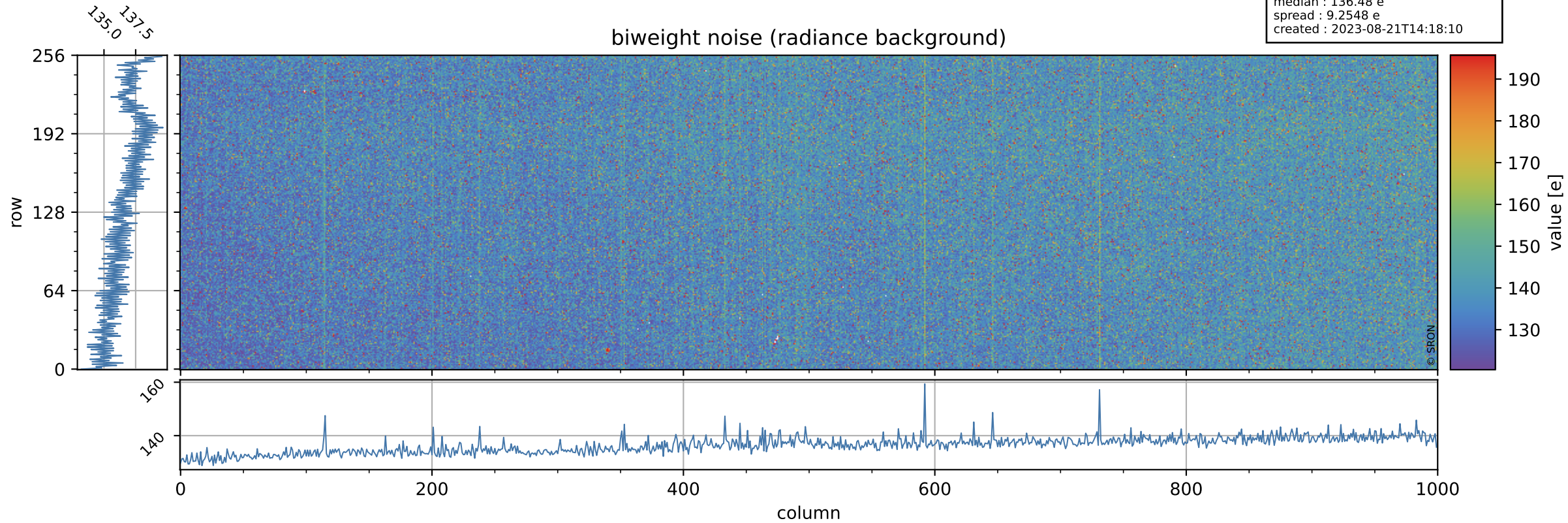
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
n_coad, t_exp : 2, 0.5383
median : 136.48 e
spread : 9.2548 e
created : 2023-08-21T14:18:10

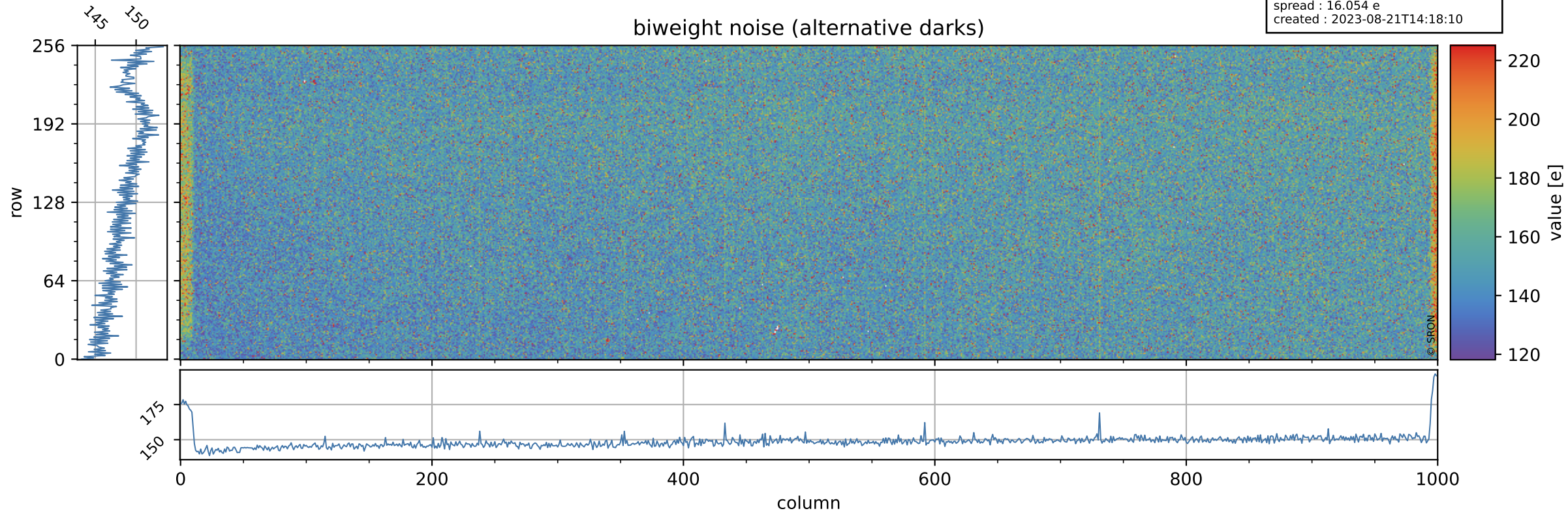
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
n_coad, t_exp : 1, 1.0783
median : 148.34 e
spread : 16.054 e
created : 2023-08-21T14:18:10

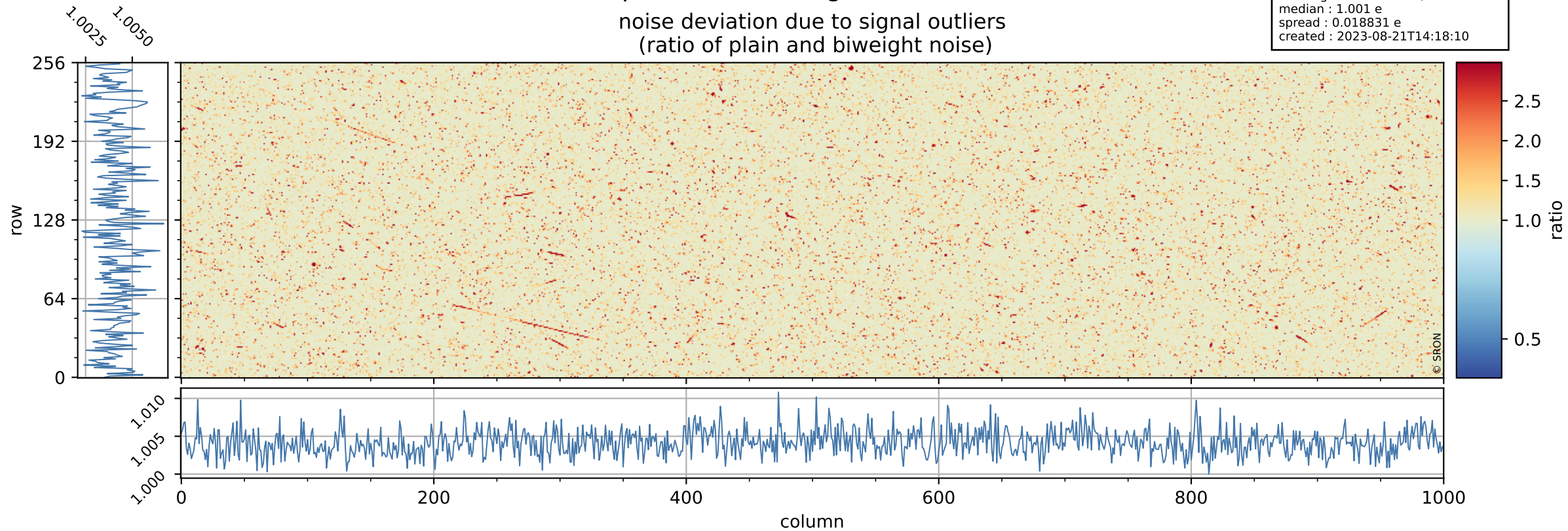
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

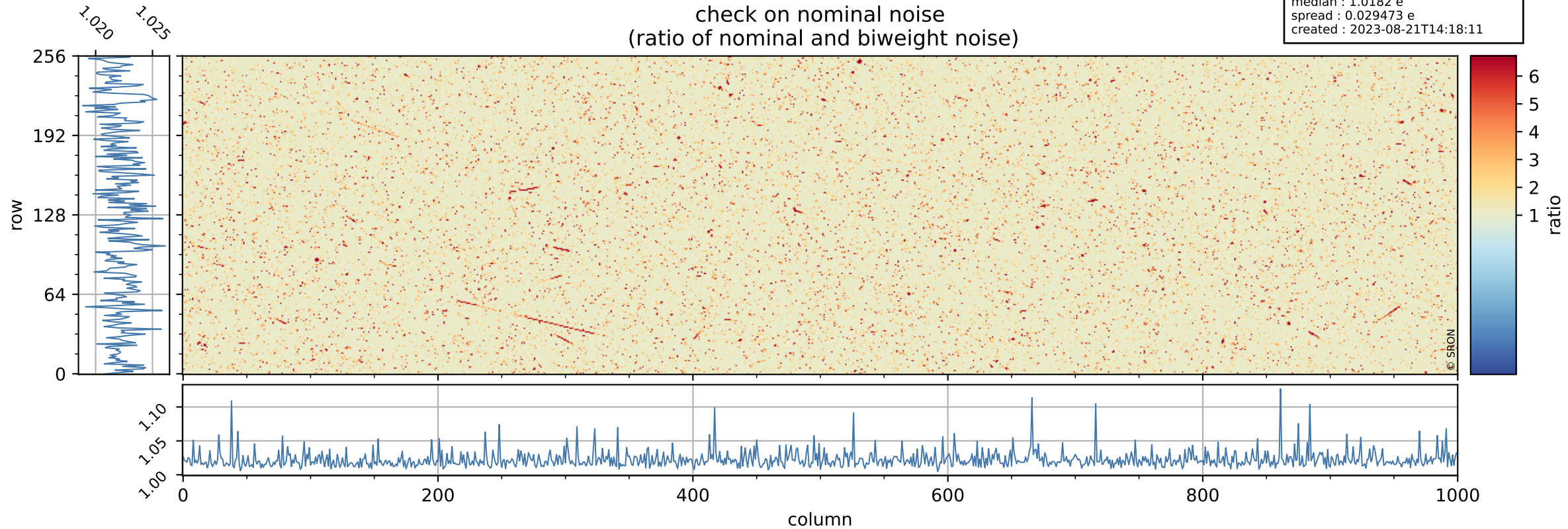
orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
median : 1.001 e
spread : 0.018831 e
created : 2023-08-21T14:18:10



Tropomi SWIR background noise (swir)

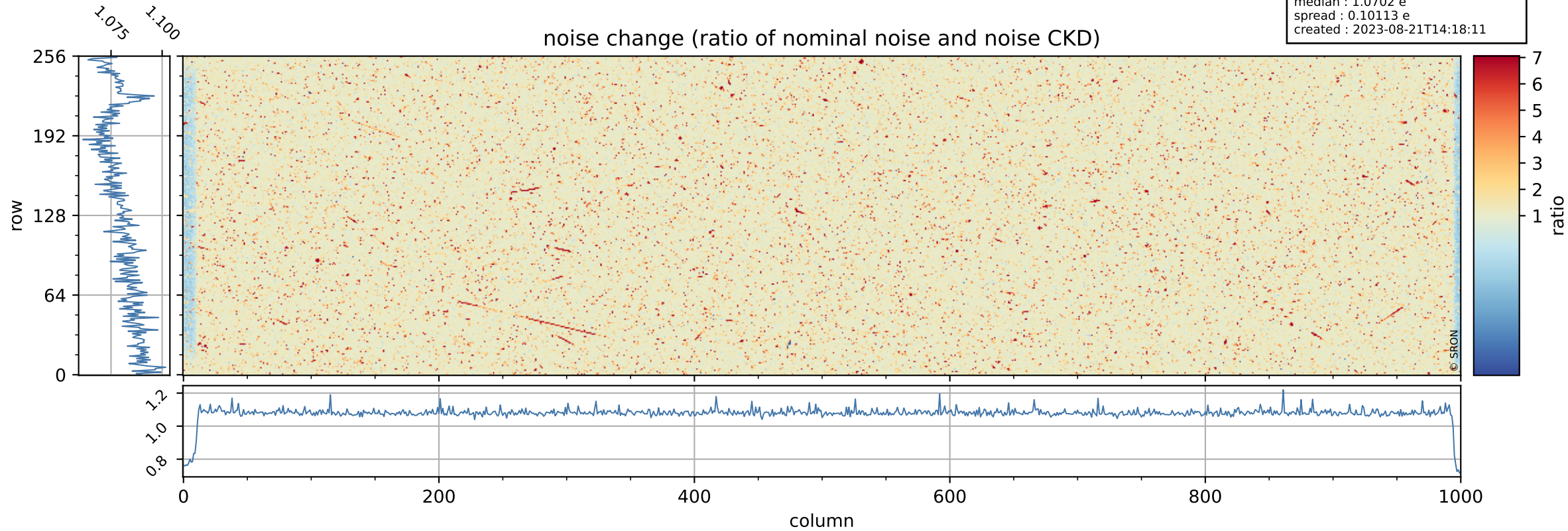
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
median : 1.0182 e
spread : 0.029473 e
created : 2023-08-21T14:18:11



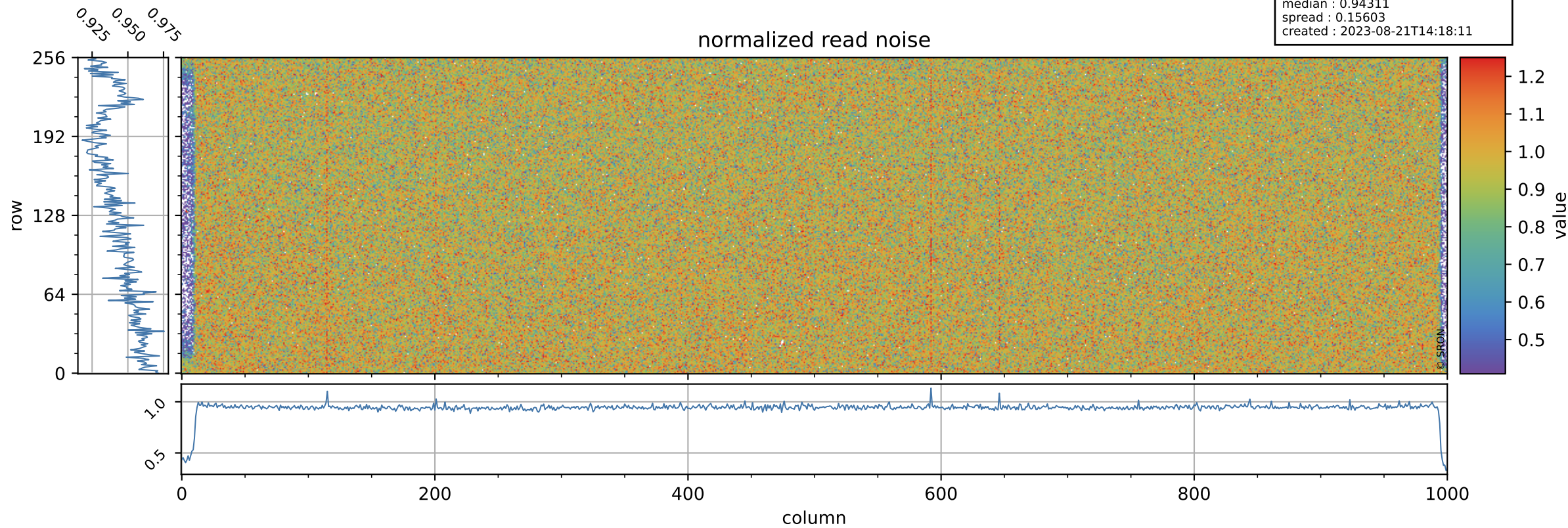
Tropomi SWIR background noise (swir)

orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
median : 1.0702 e
spread : 0.10113 e
created : 2023-08-21T14:18:11



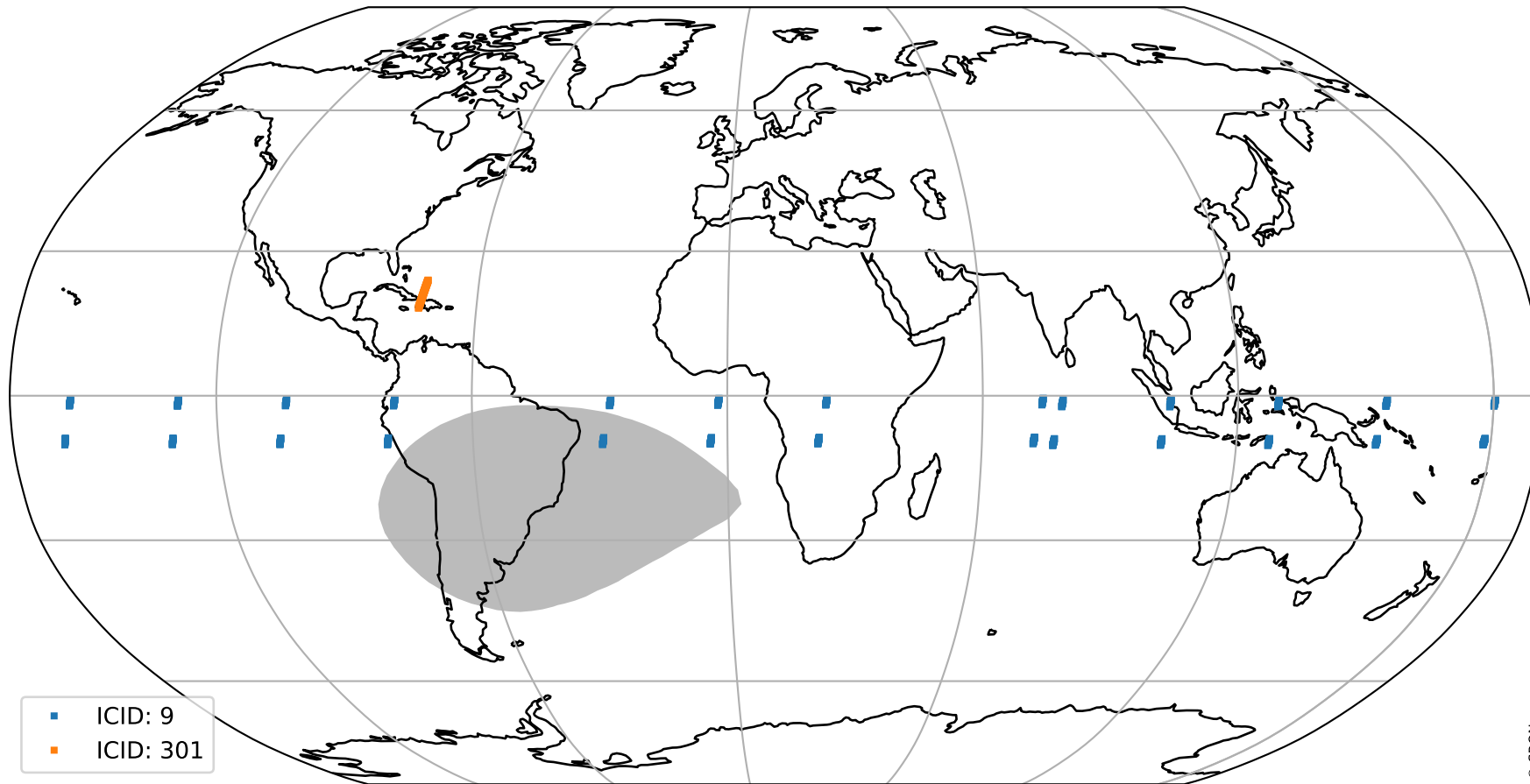
Tropomi SWIR background noise (swir)

orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
median : 0.94311
spread : 0.15603
created : 2023-08-21T14:18:11



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

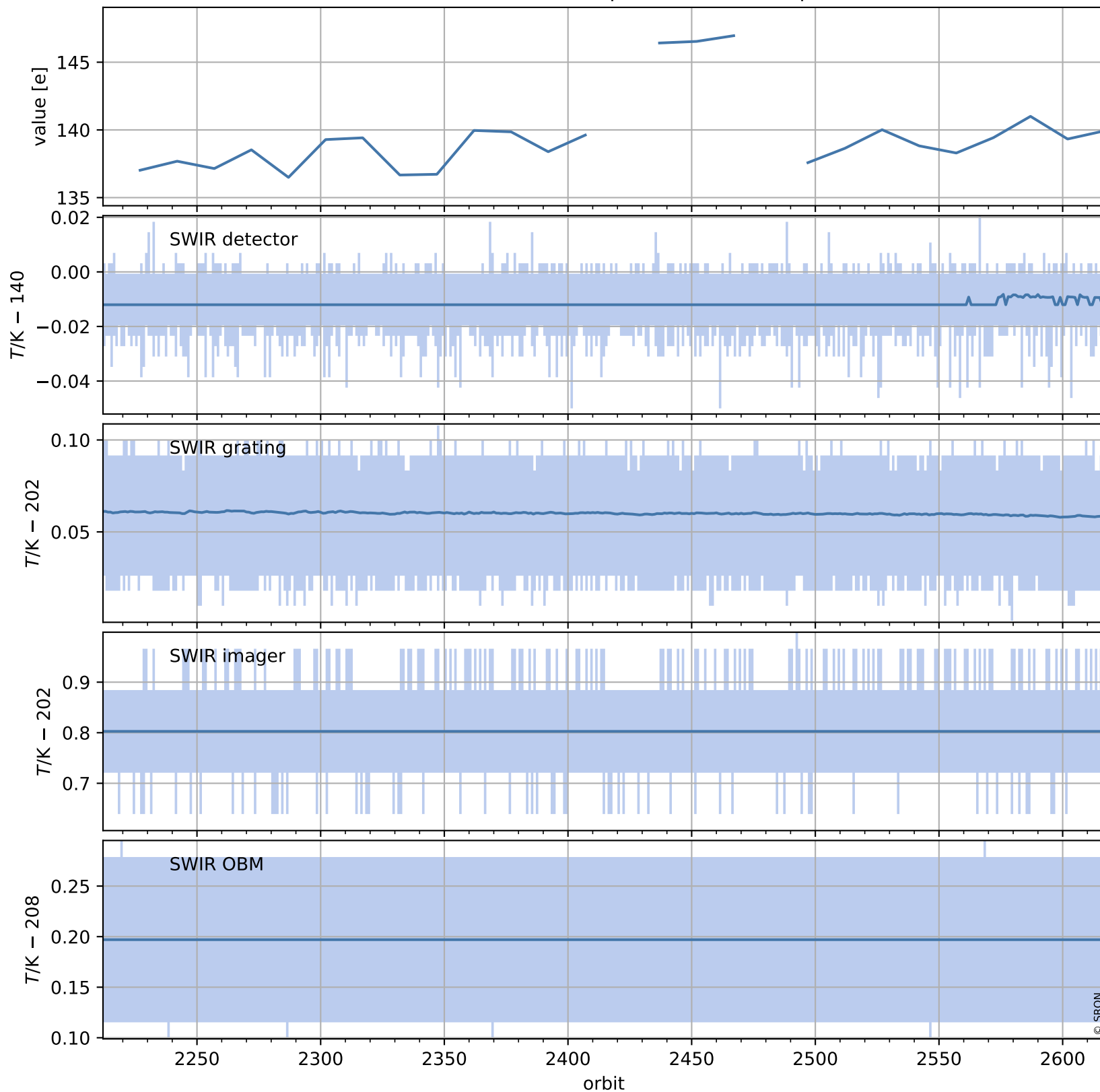
orbits : 13 in [2602, 2617]
coverage : 2018-04-14 / 2018-04-15
created : 2023-08-21T14:18:11



Tropomi SWIR background noise (swir)

orbits : [2212, 2617]
coverage : 2018-03-18 / 2018-04-15
created : 2023-08-21T14:18:12

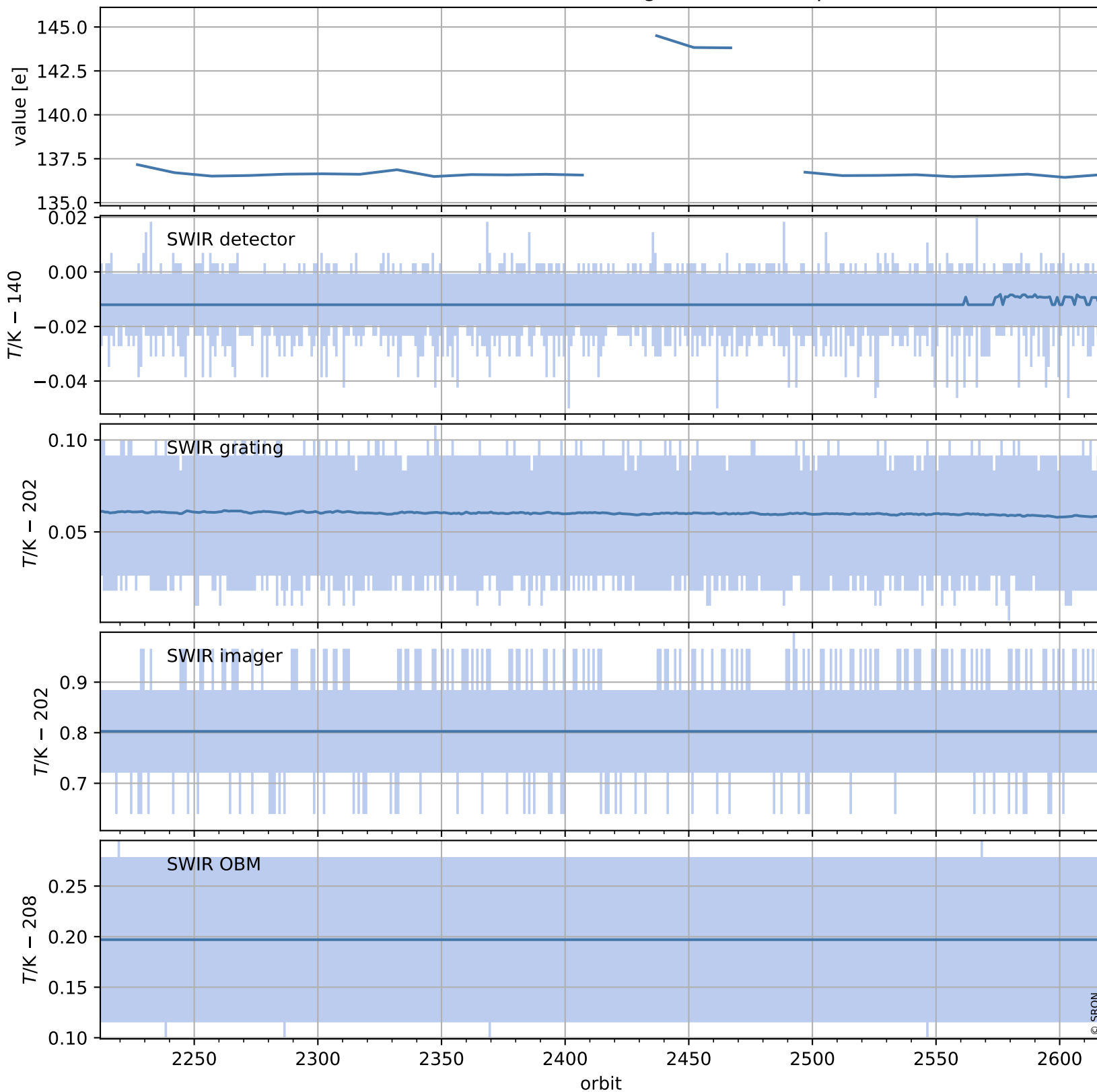
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2617]
coverage : 2018-03-18 / 2018-04-15
created : 2023-08-21T14:18:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2617]
coverage : 2018-03-18 / 2018-04-15
created : 2023-08-21T14:18:13

trend of normalized read-noise & temperatures

