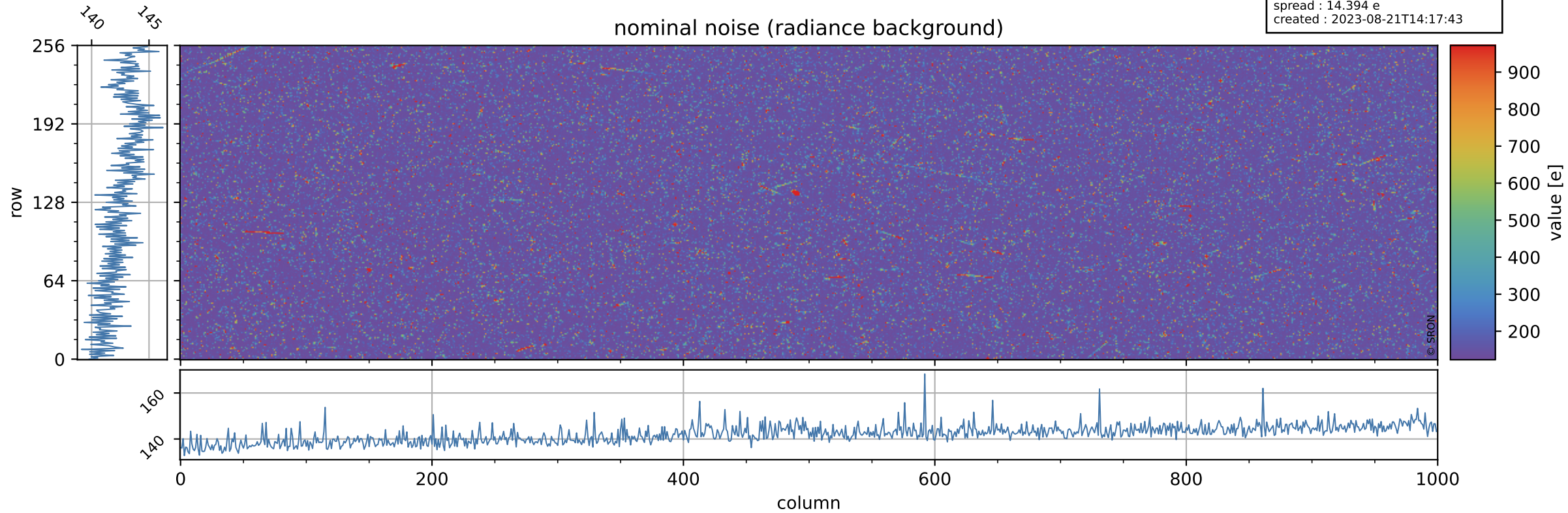


Tropomi SWIR background noise (swir)

orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
n_coad, t_exp : 2, 0.5383
median : 141.49 e
spread : 14.394 e
created : 2023-08-21T14:17:43

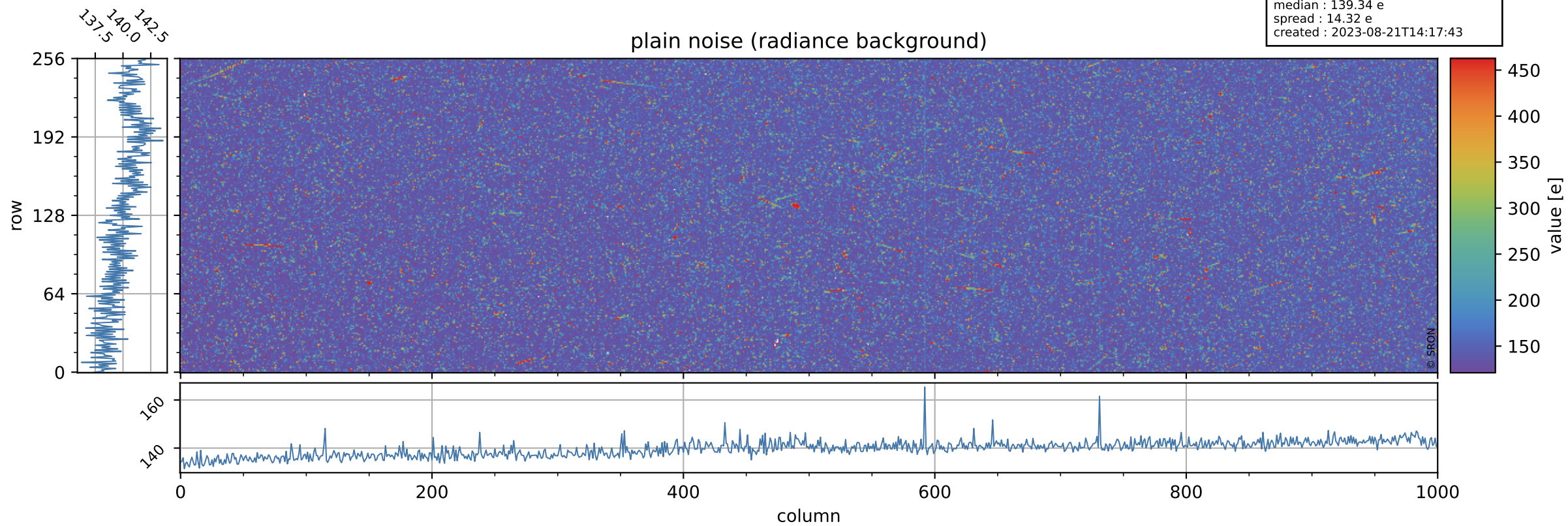
nominal noise (radiance background)



Tropomi SWIR background noise (swir)

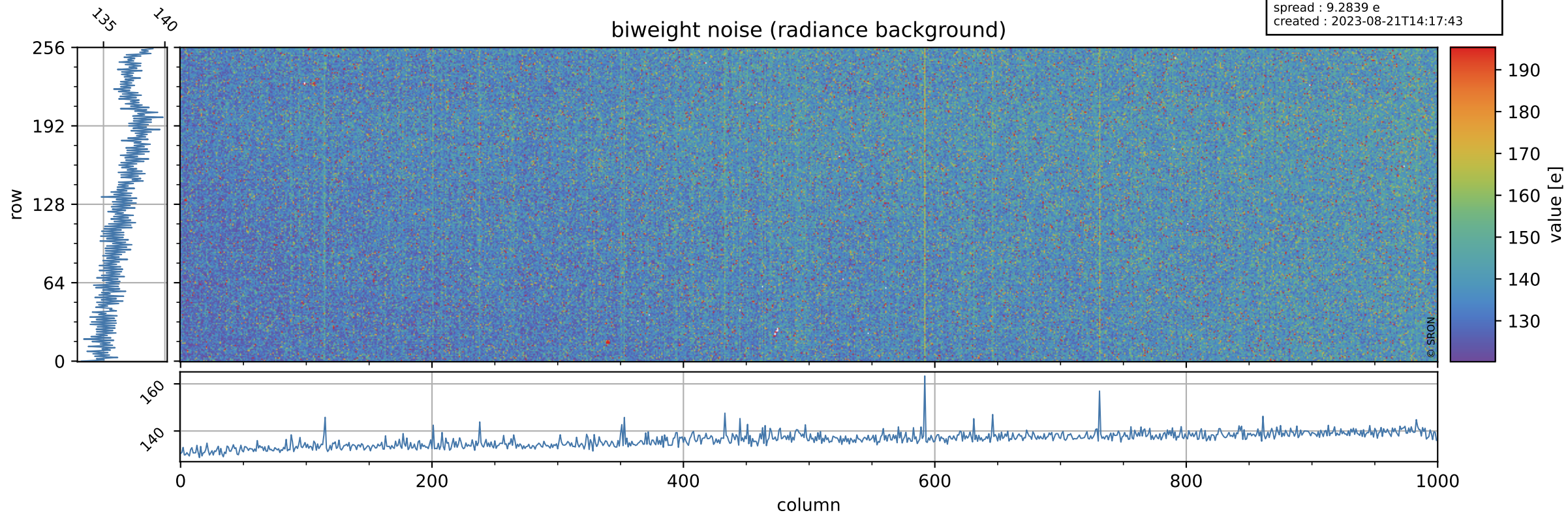
orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
n_coad, t_exp : 2, 0.5383
median : 139.34 e
spread : 14.32 e
created : 2023-08-21T14:17:43

plain noise (radiance background)



Tropomi SWIR background noise (swir)

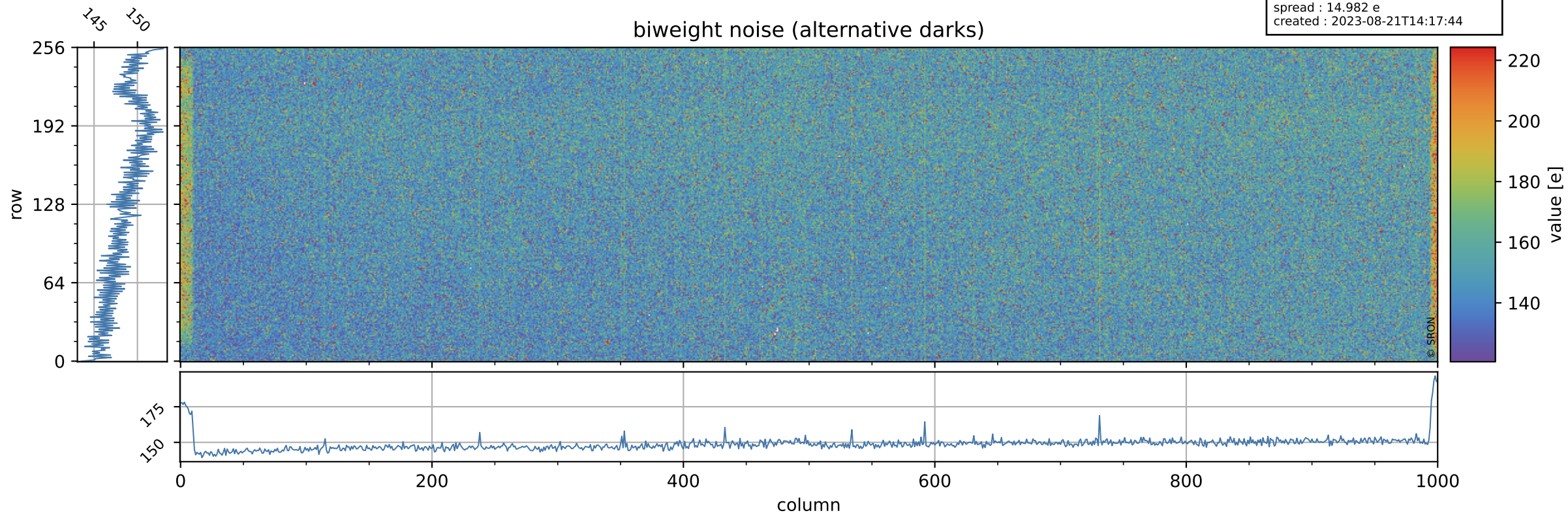
orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
n_coad, t_exp : 2, 0.5383
median : 136.43 e
spread : 9.2839 e
created : 2023-08-21T14:17:43



Tropomi SWIR background noise (swir)

orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
n_coad, t_exp : 1, 1.0783
median : 148.36 e
spread : 14.982 e
created : 2023-08-21T14:17:44

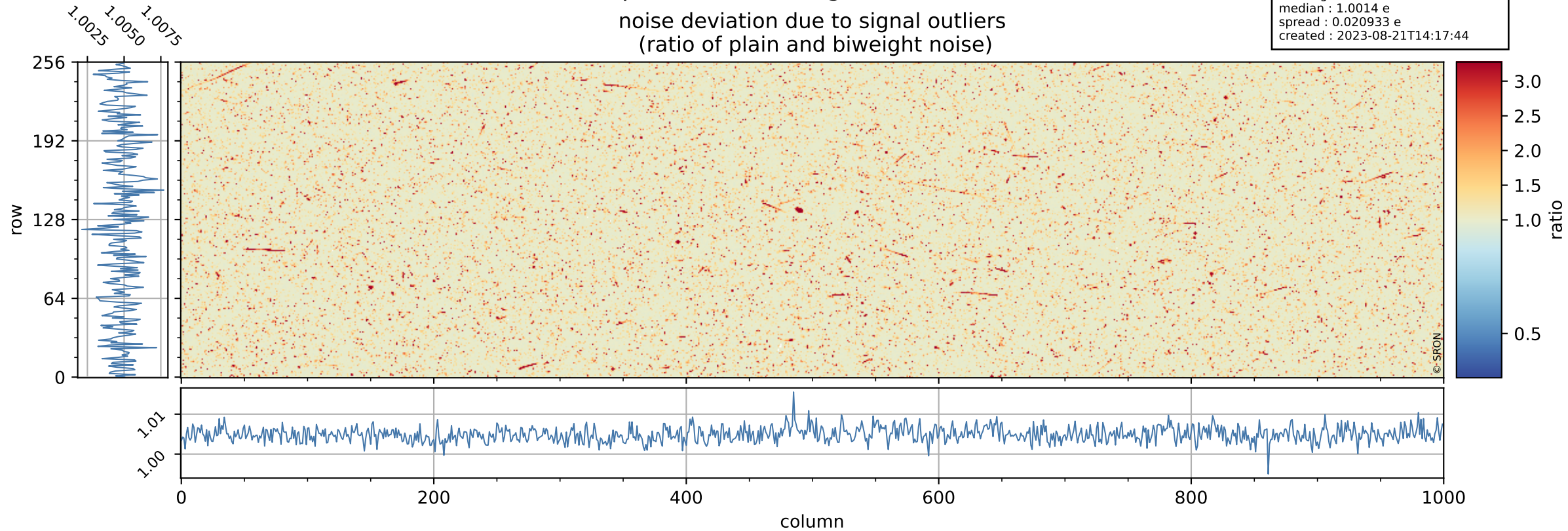
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

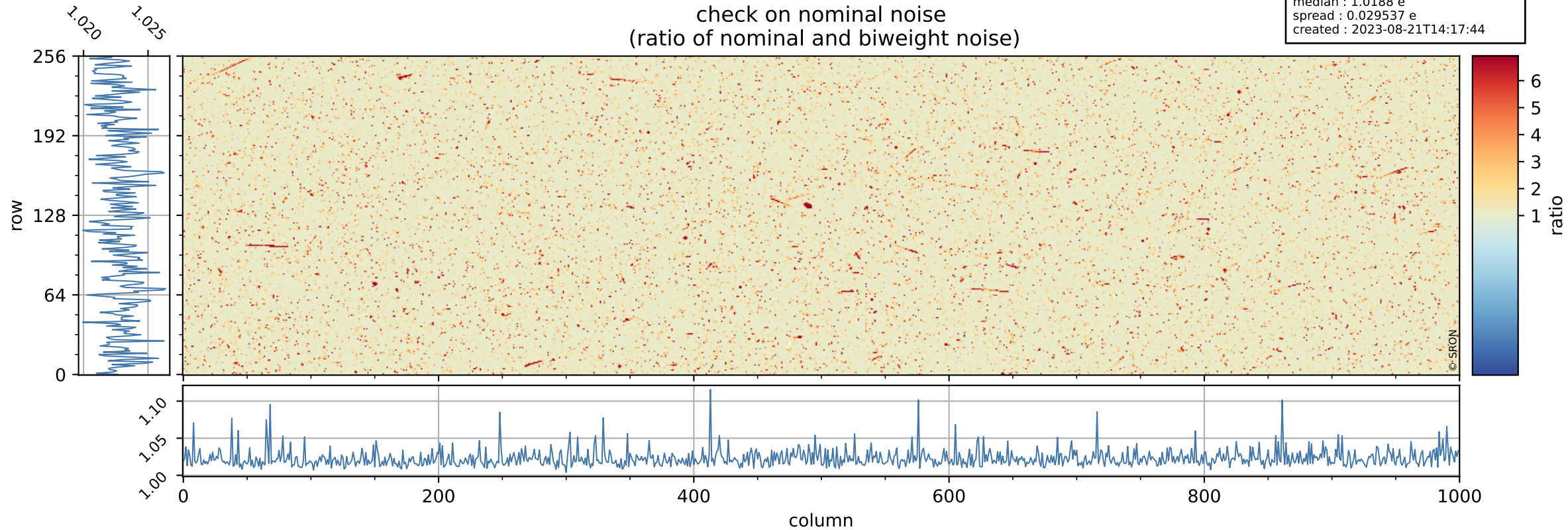
orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
median : 1.0014 e
spread : 0.020933 e
created : 2023-08-21T14:17:44



Tropomi SWIR background noise (swir)

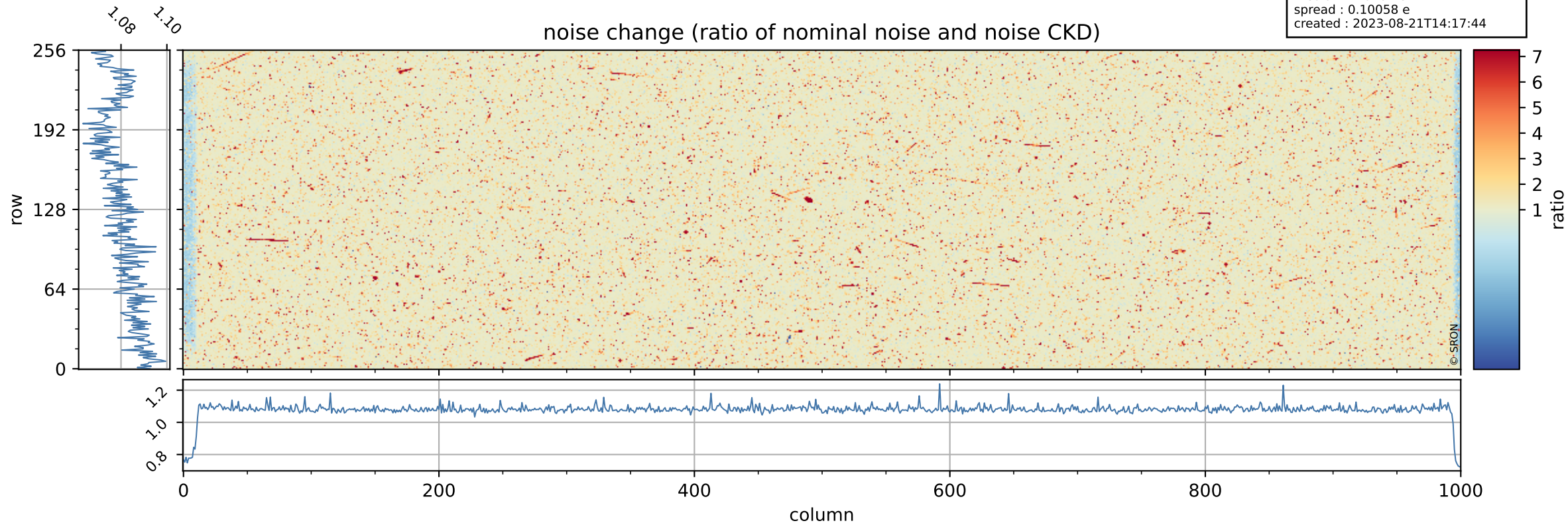
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
median : 1.0188 e
spread : 0.029537 e
created : 2023-08-21T14:17:44



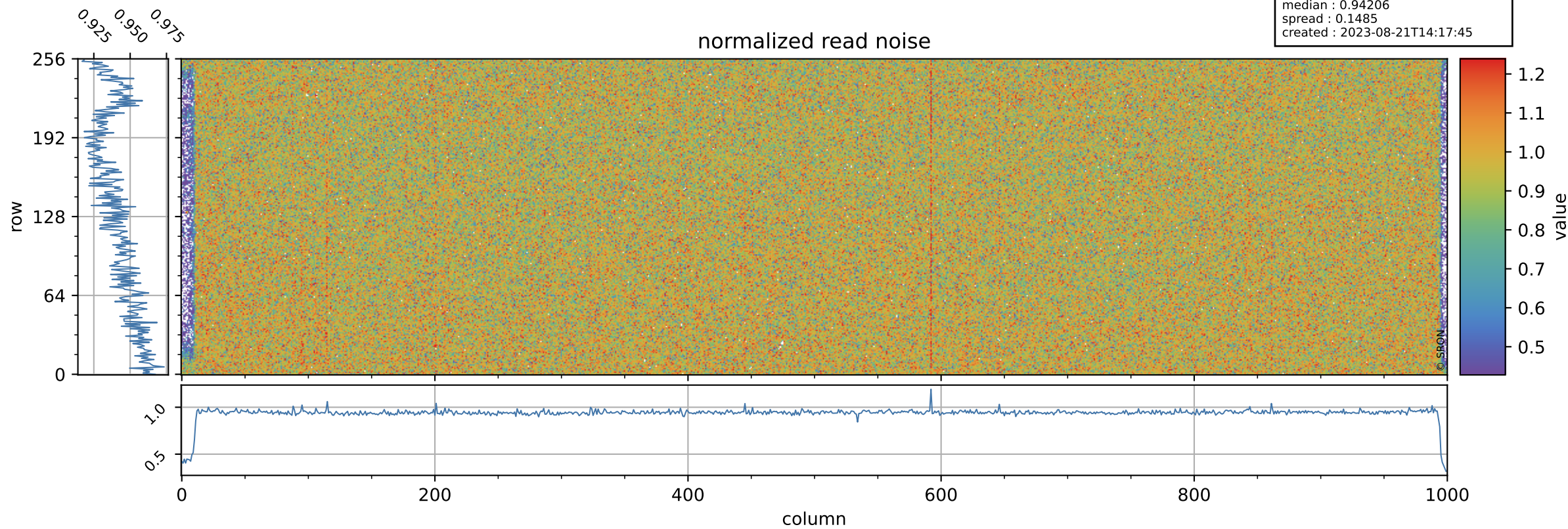
Tropomi SWIR background noise (swir)

orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
median : 1.0701 e
spread : 0.10058 e
created : 2023-08-21T14:17:44



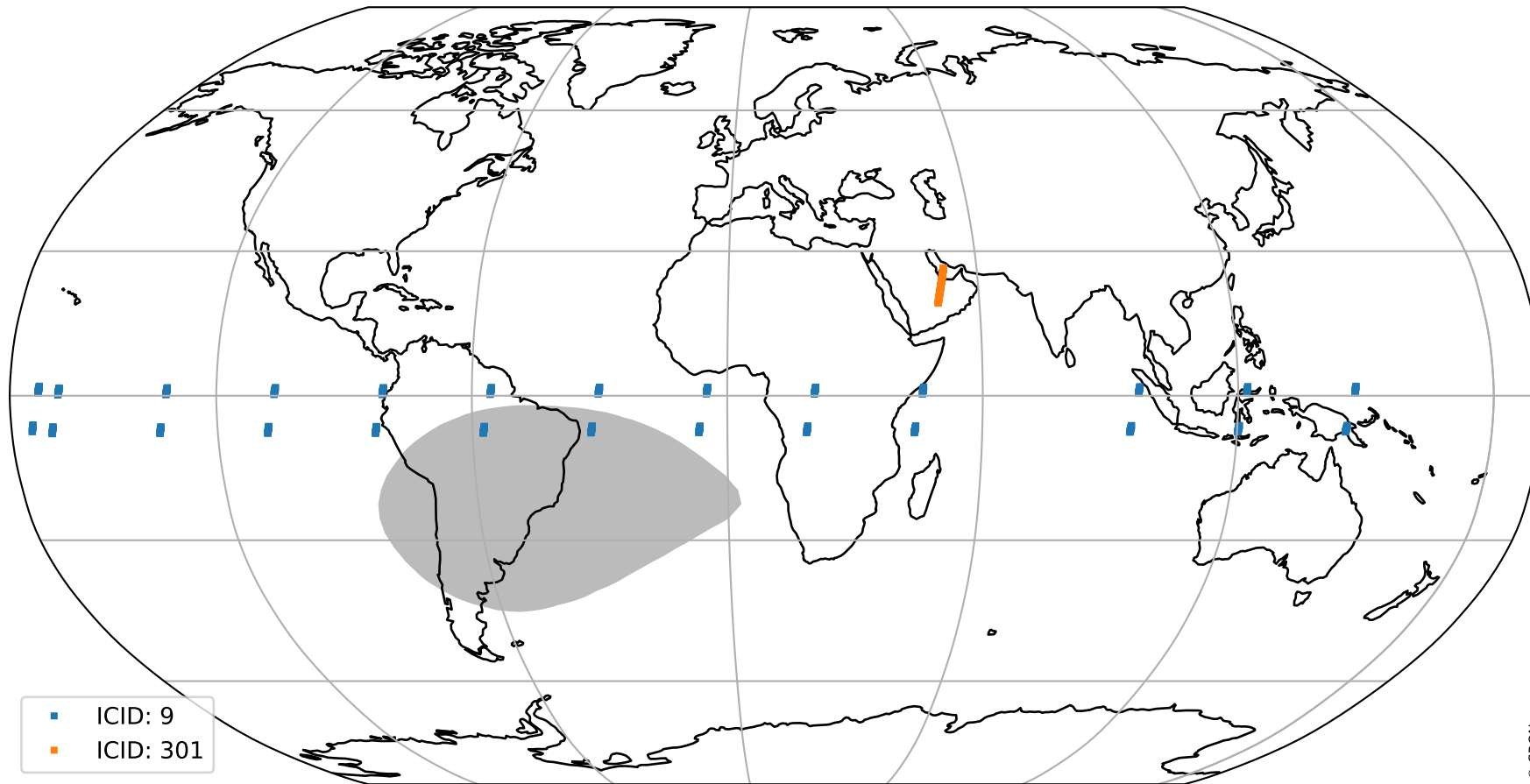
Tropomi SWIR background noise (swir)

orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
median : 0.94206
spread : 0.1485
created : 2023-08-21T14:17:45



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

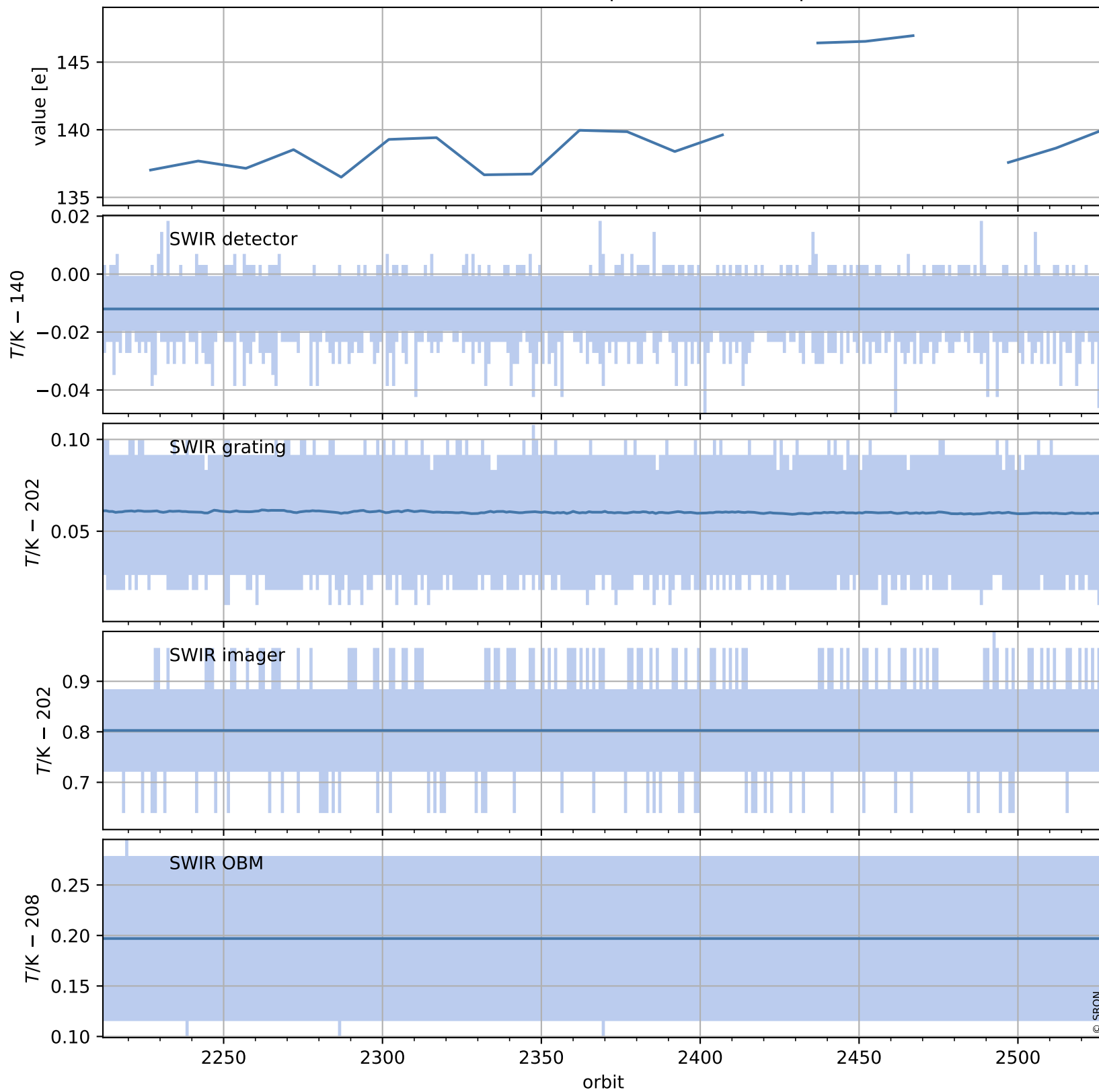
orbits : 13 in [2512, 2527]
coverage : 2018-04-08 / 2018-04-09
created : 2023-08-21T14:17:45



Tropomi SWIR background noise (swir)

orbits : [2212, 2527]
coverage : 2018-03-18 / 2018-04-09
created : 2023-08-21T14:17:45

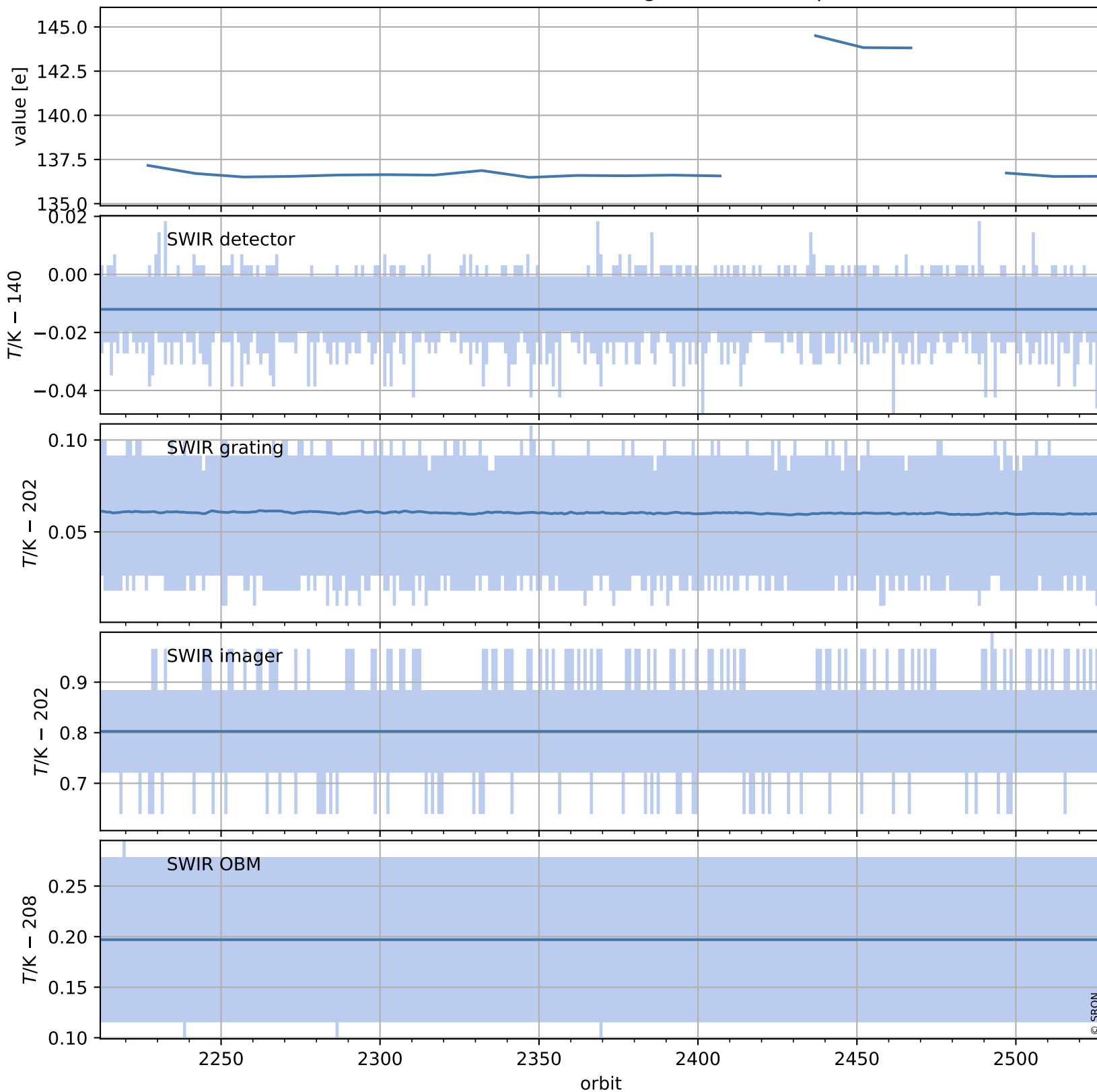
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2527]
coverage : 2018-03-18 / 2018-04-09
created : 2023-08-21T14:17:46

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 2527]
coverage : 2018-03-18 / 2018-04-09
created : 2023-08-21T14:17:46

trend of normalized read-noise & temperatures

