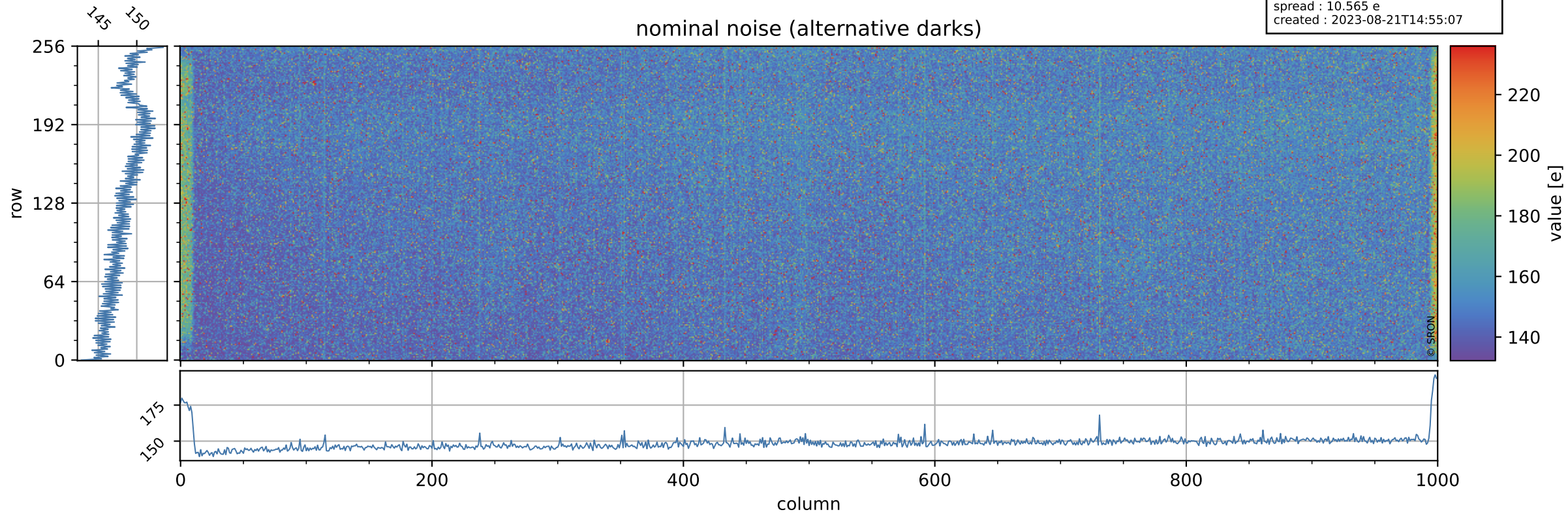


Tropomi SWIR background noise (swir)

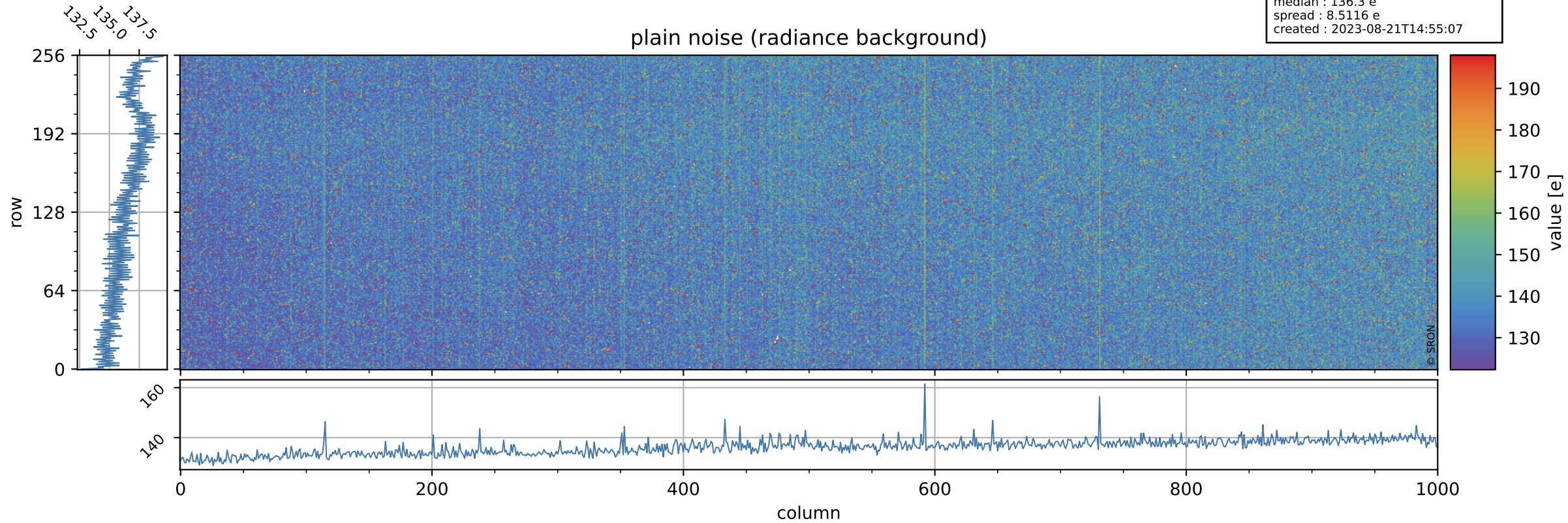
orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.565 e
created : 2023-08-21T14:55:07



Tropomi SWIR background noise (swir)

orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
n_coad, t_exp : 2, 0.5383
median : 136.3 e
spread : 8.5116 e
created : 2023-08-21T14:55:07

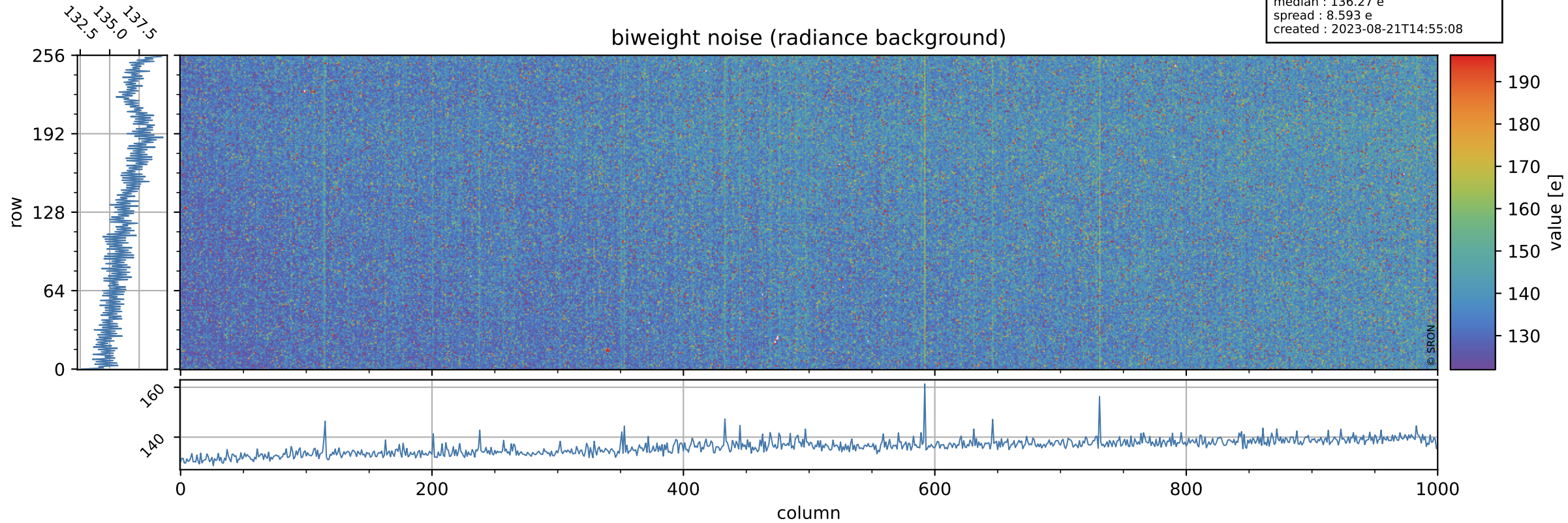
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
n_coad, t_exp : 2, 0.5383
median : 136.27 e
spread : 8.593 e
created : 2023-08-21T14:55:08

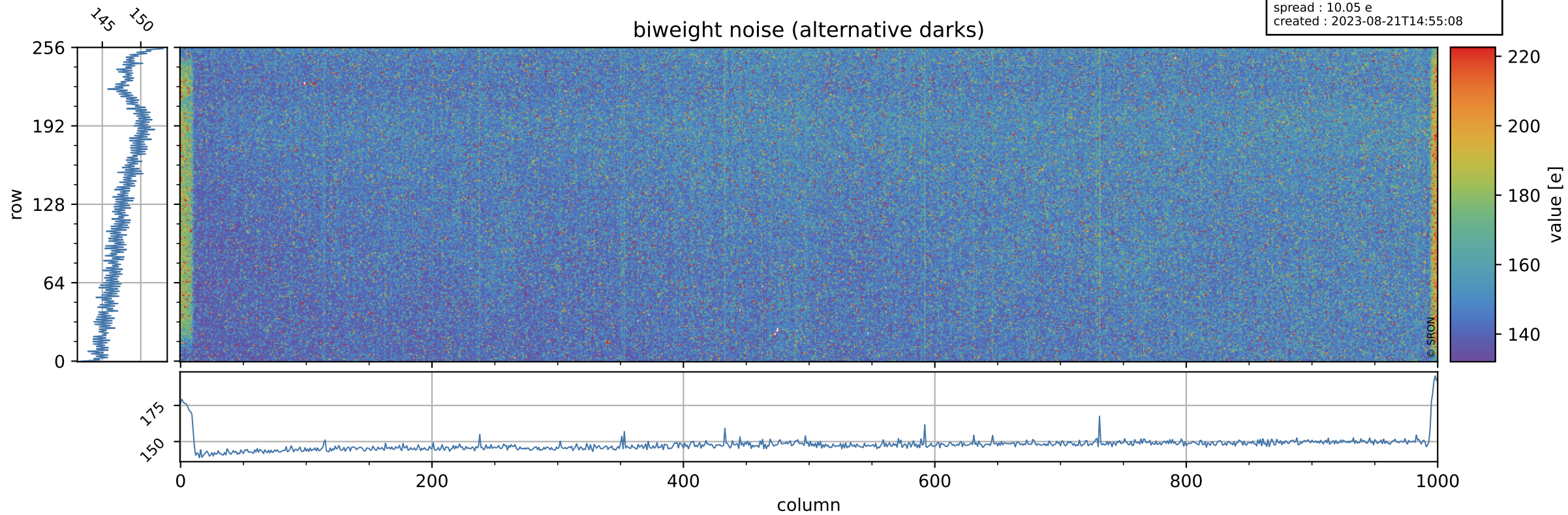
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
n_coad, t_exp : 1, 1.0783
median : 147.59 e
spread : 10.05 e
created : 2023-08-21T14:55:08

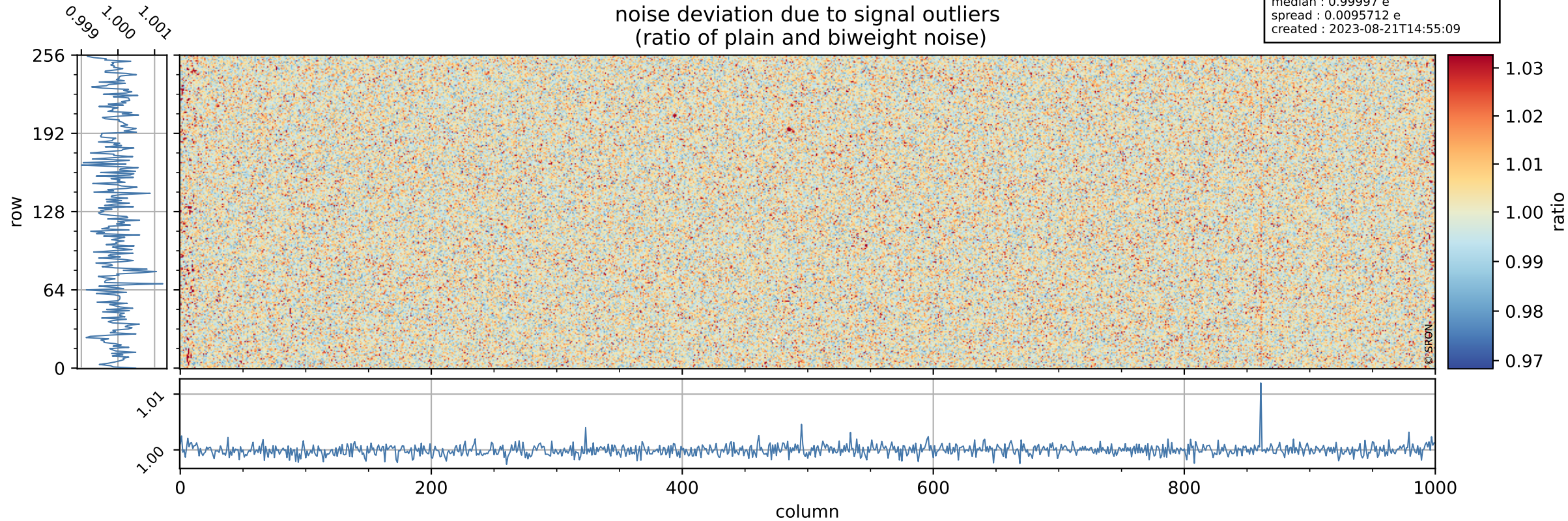
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

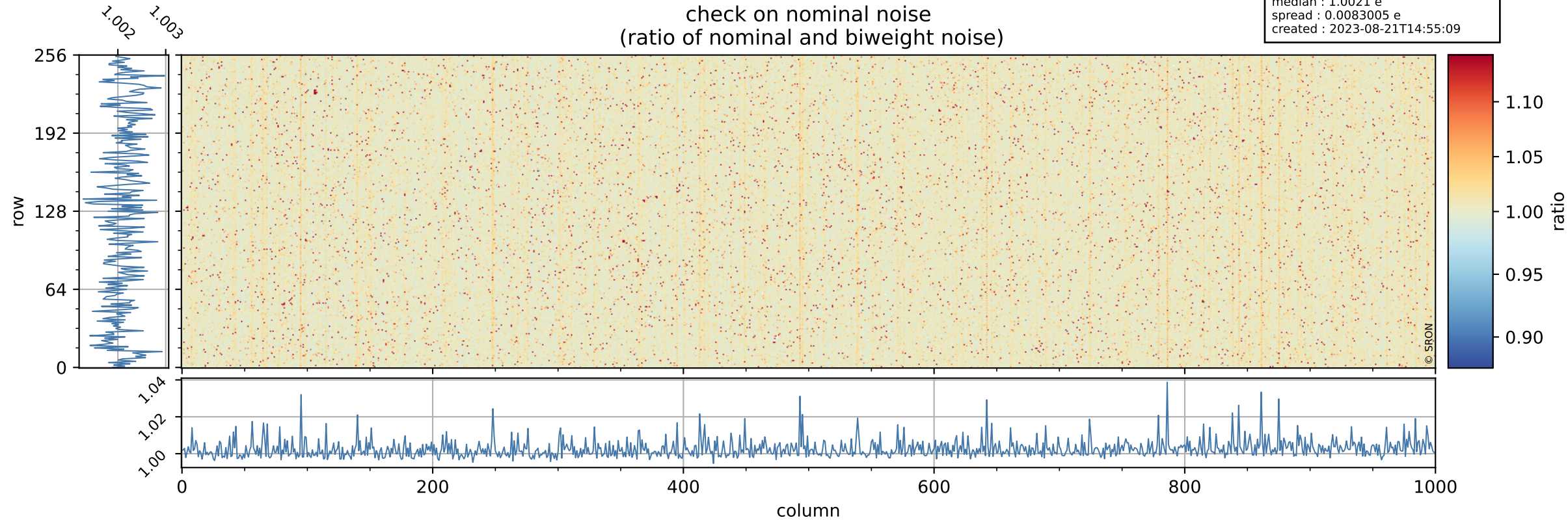
orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
median : 0.99997 e
spread : 0.0095712 e
created : 2023-08-21T14:55:09



Tropomi SWIR background noise (swir)

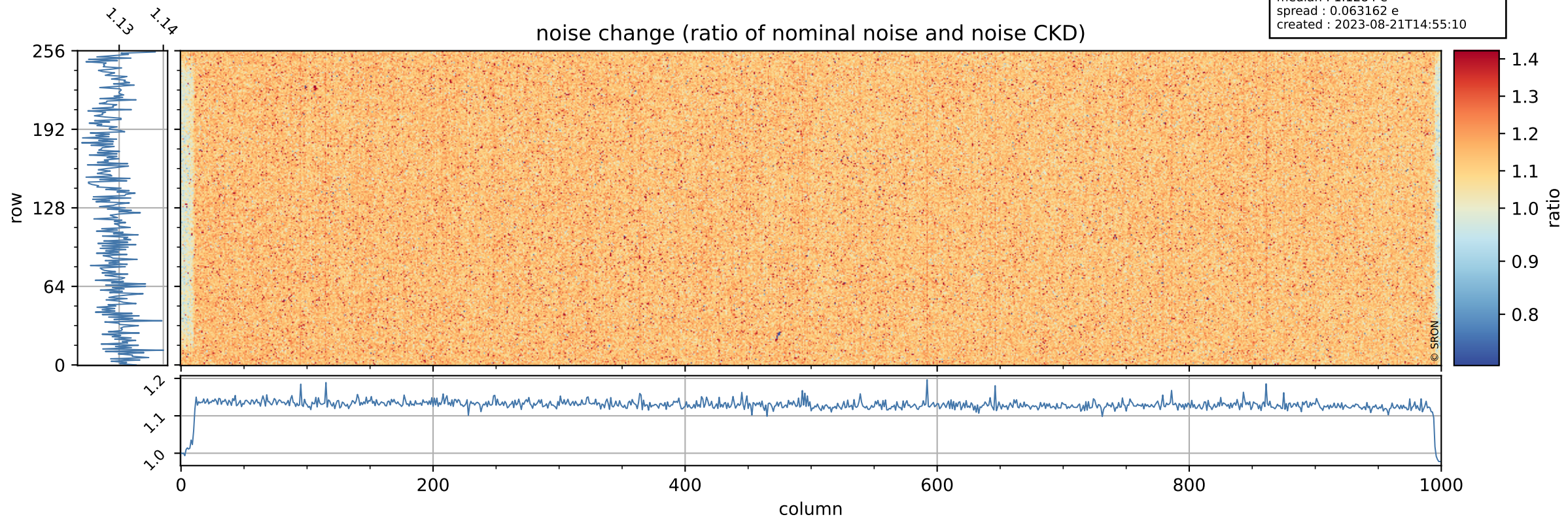
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
median : 1.0021 e
spread : 0.0083005 e
created : 2023-08-21T14:55:09



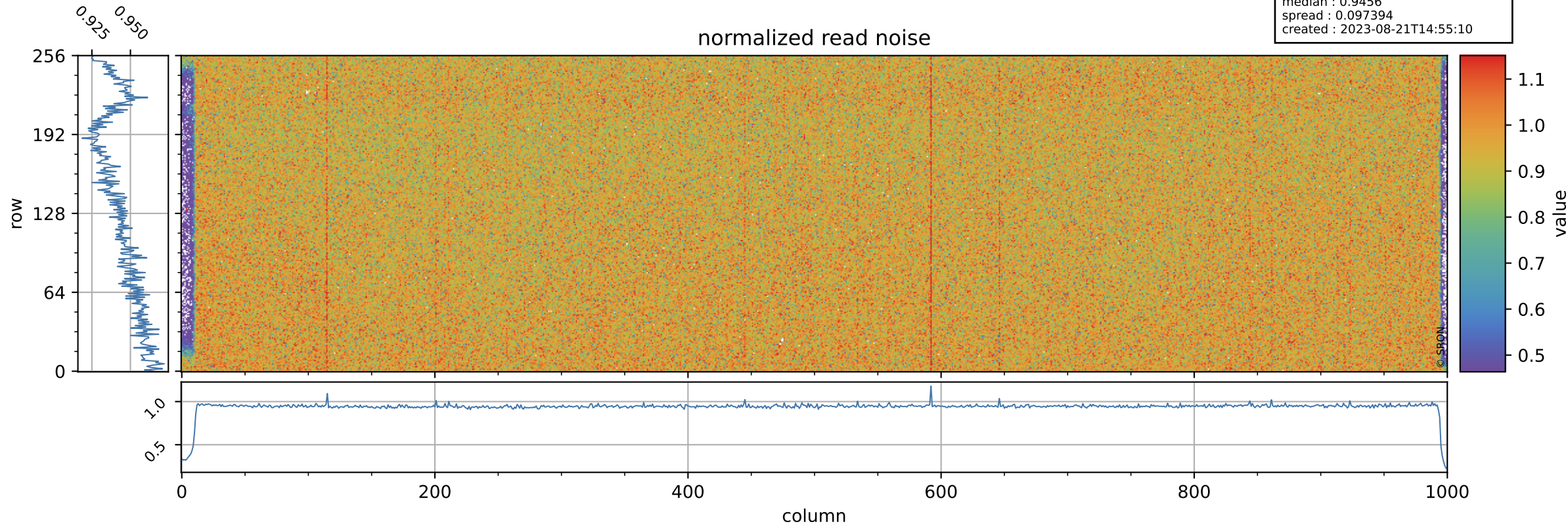
Tropomi SWIR background noise (swir)

orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
median : 1.1284 e
spread : 0.063162 e
created : 2023-08-21T14:55:10



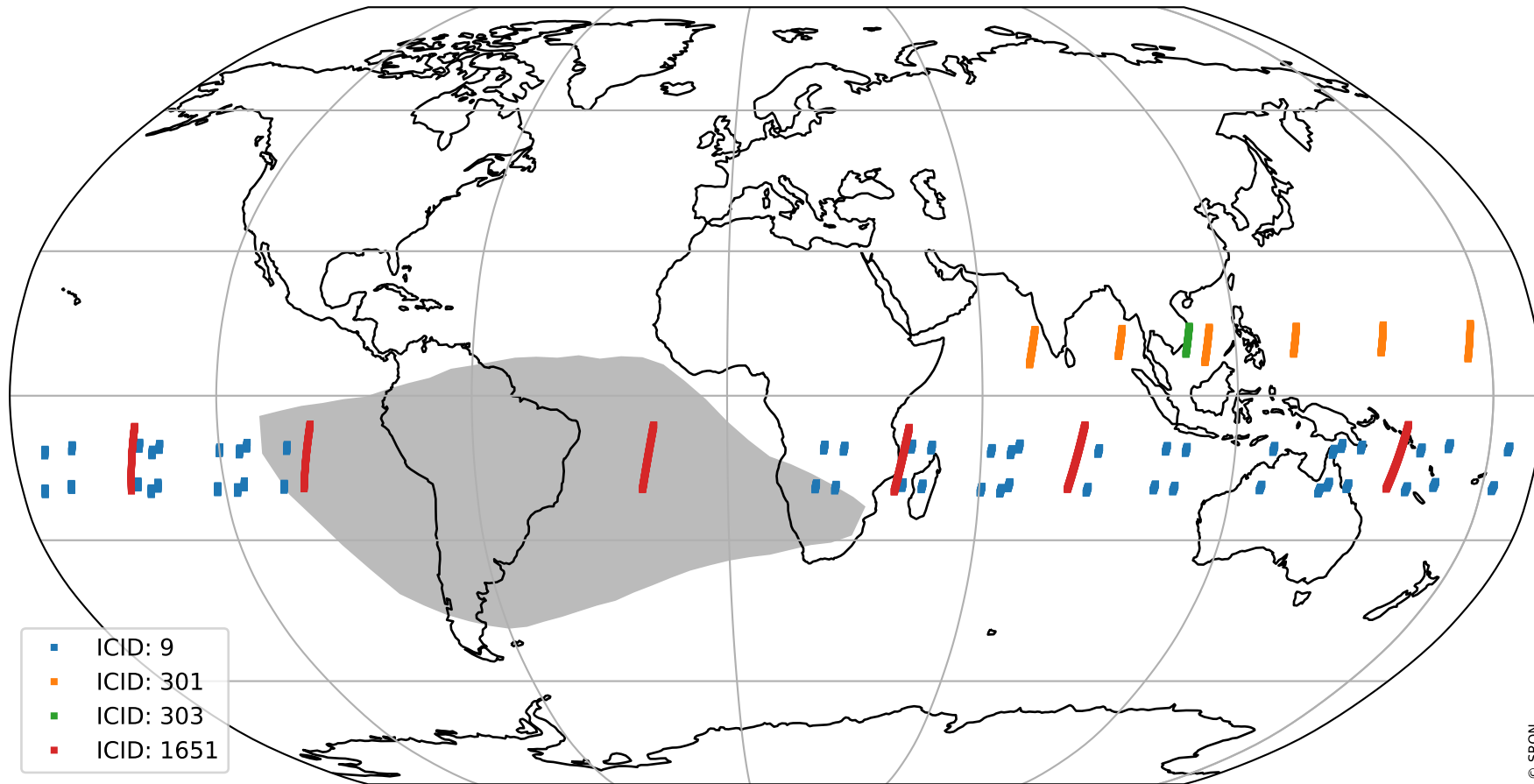
Tropomi SWIR background noise (swir)

orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
median : 0.9456
spread : 0.097394
created : 2023-08-21T14:55:10



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

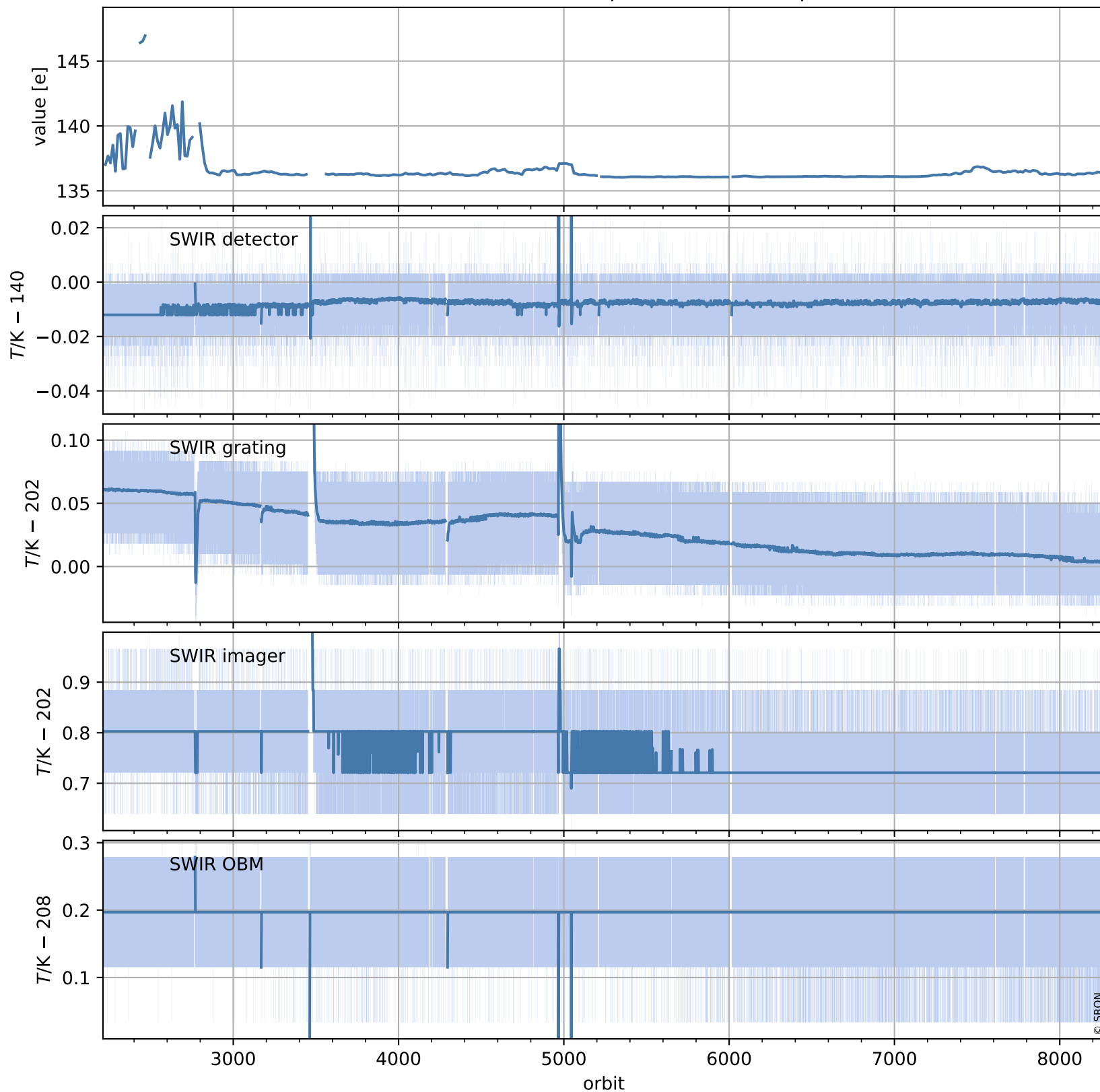
orbits : 13 in [8182, 8272]
coverage : 2019-05-13 / 2019-05-18
created : 2023-08-21T14:55:11



Tropomi SWIR background noise (swir)

orbits : [2212, 8272]
coverage : 2018-03-18 / 2019-05-18
created : 2023-08-21T14:55:11

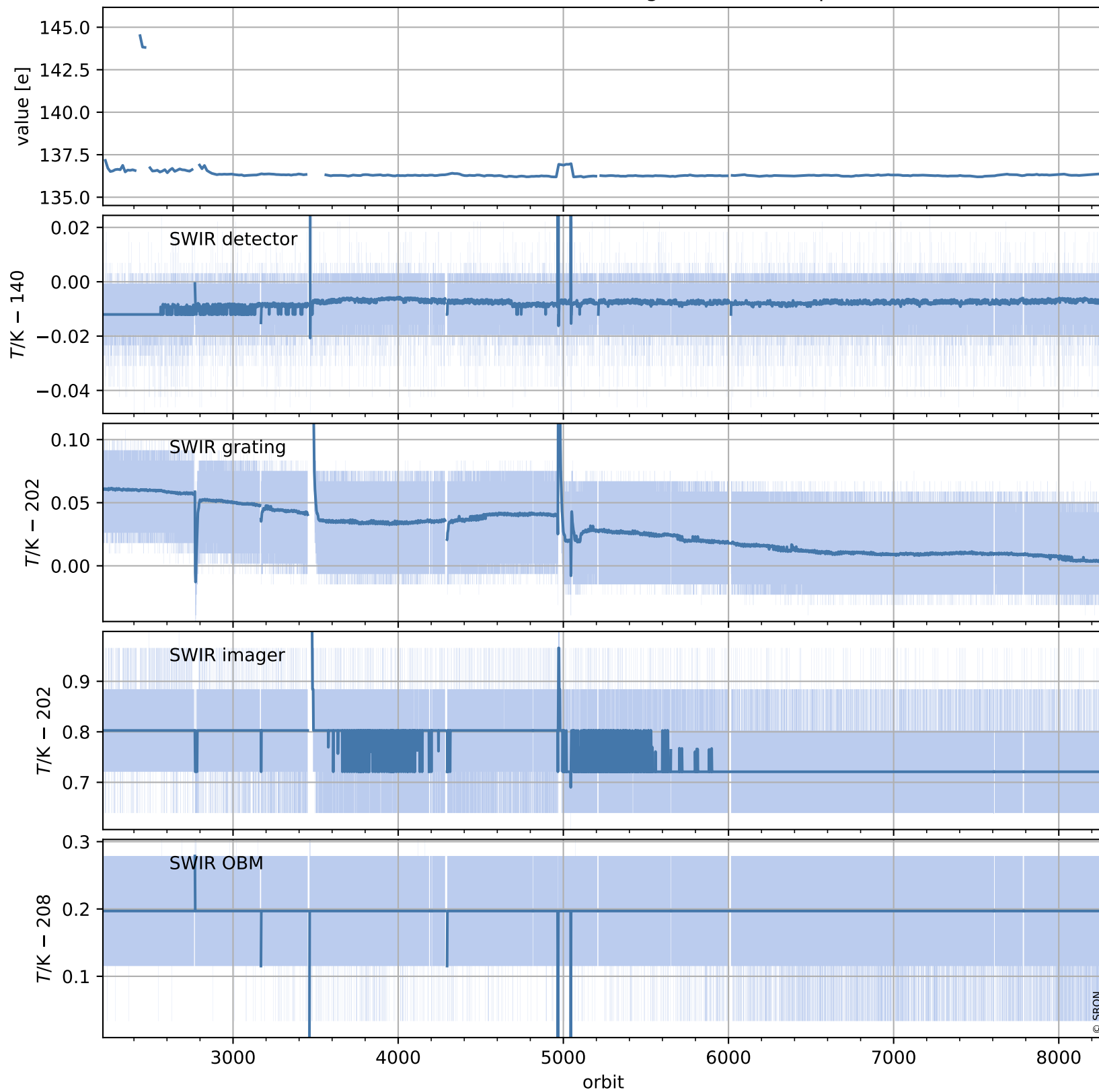
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8272]
coverage : 2018-03-18 / 2019-05-18
created : 2023-08-21T14:55:12

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8272]
coverage : 2018-03-18 / 2019-05-18
created : 2023-08-21T14:55:13

trend of normalized read-noise & temperatures

