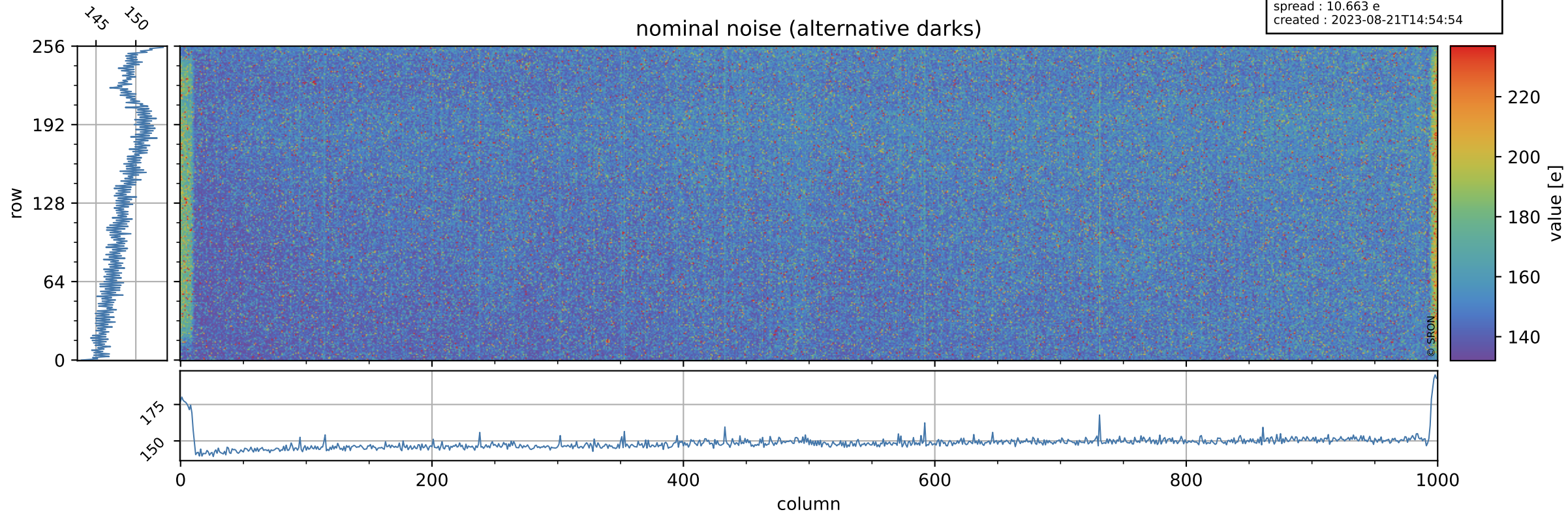


Tropomi SWIR background noise (swir)

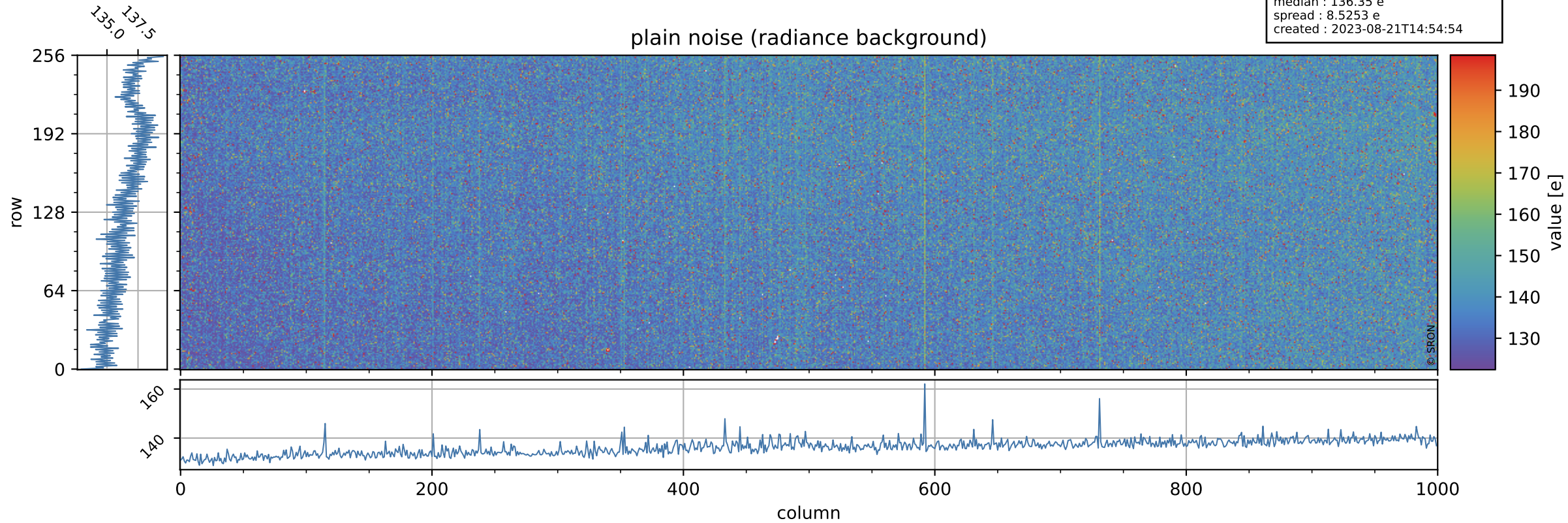
orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
n_coad, t_exp : 1, 1.0783
median : 148.37 e
spread : 10.663 e
created : 2023-08-21T14:54:54



Tropomi SWIR background noise (swir)

orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
n_coad, t_exp : 2, 0.5383
median : 136.35 e
spread : 8.5253 e
created : 2023-08-21T14:54:54

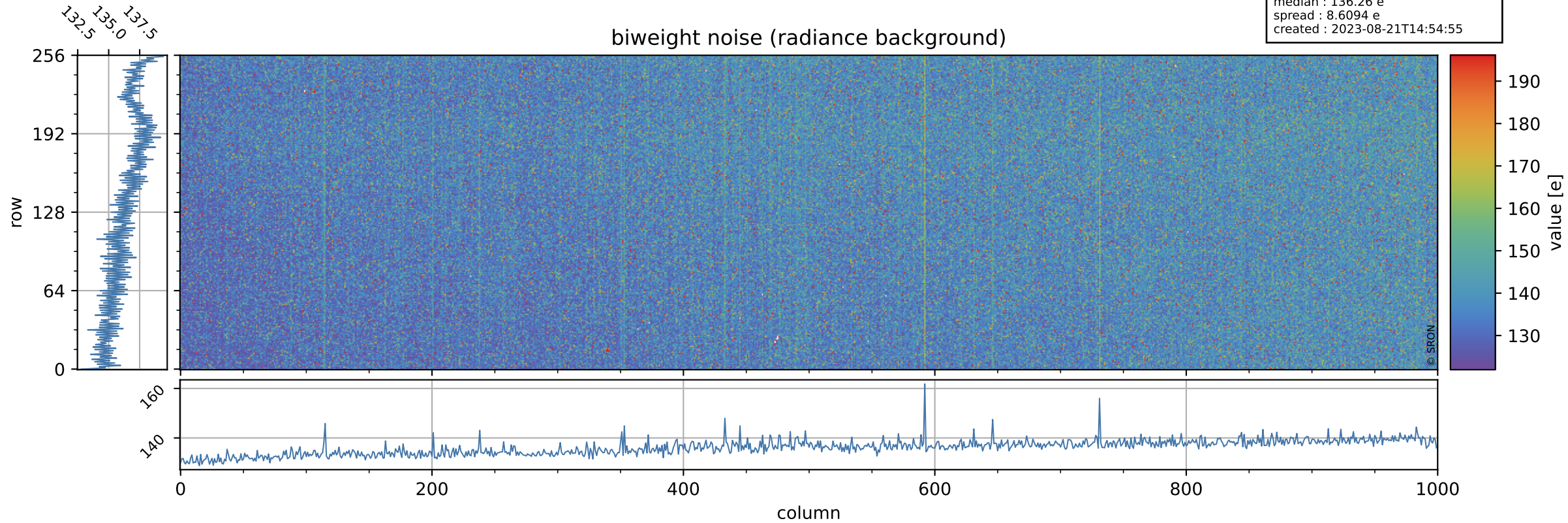
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
n_coad, t_exp : 2, 0.5383
median : 136.26 e
spread : 8.6094 e
created : 2023-08-21T14:54:55

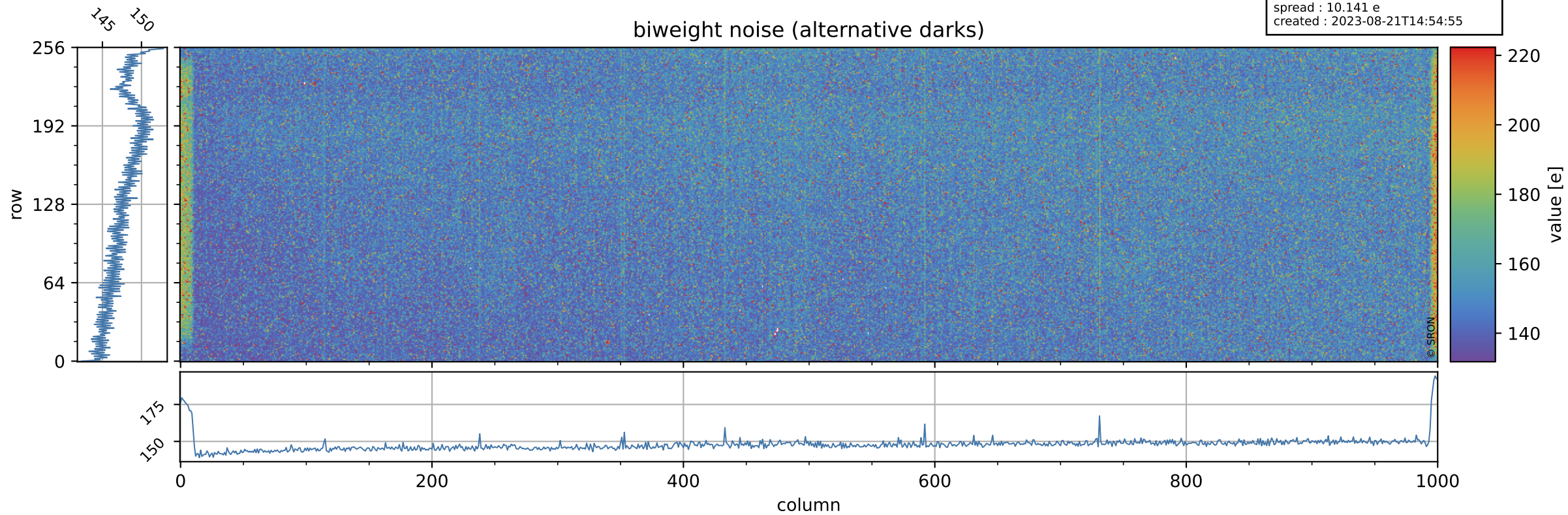
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
n_coad, t_exp : 1, 1.0783
median : 147.58 e
spread : 10.141 e
created : 2023-08-21T14:54:55

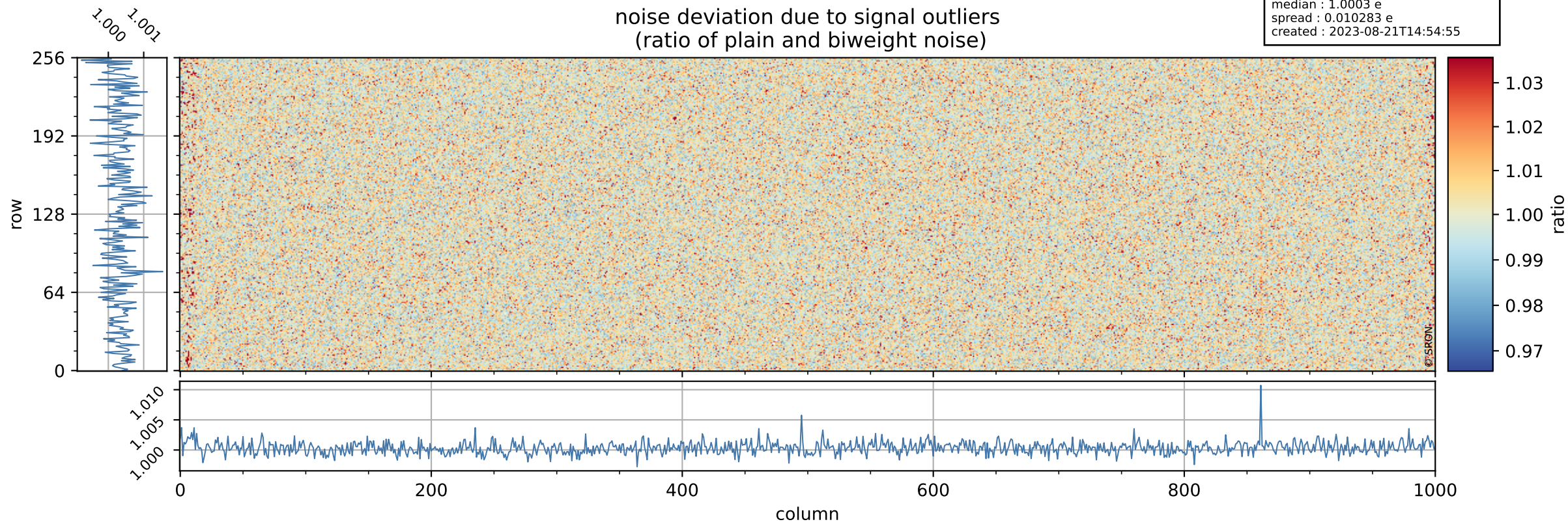
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

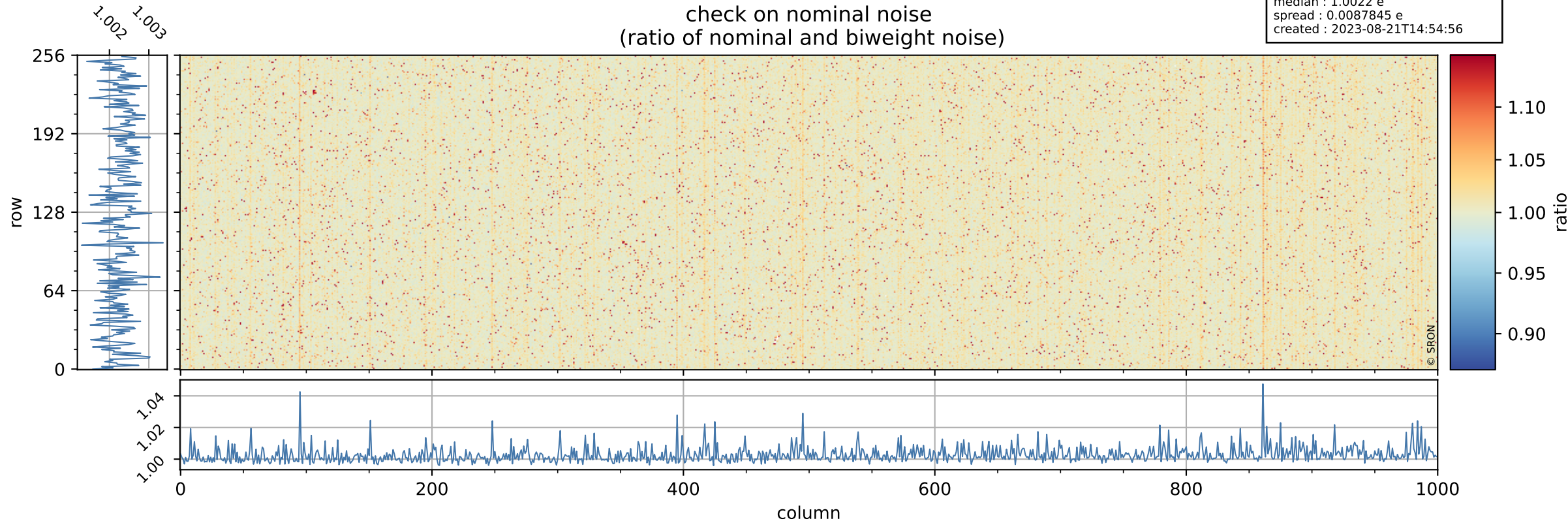
orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
median : 1.0003 e
spread : 0.010283 e
created : 2023-08-21T14:54:55



Tropomi SWIR background noise (swir)

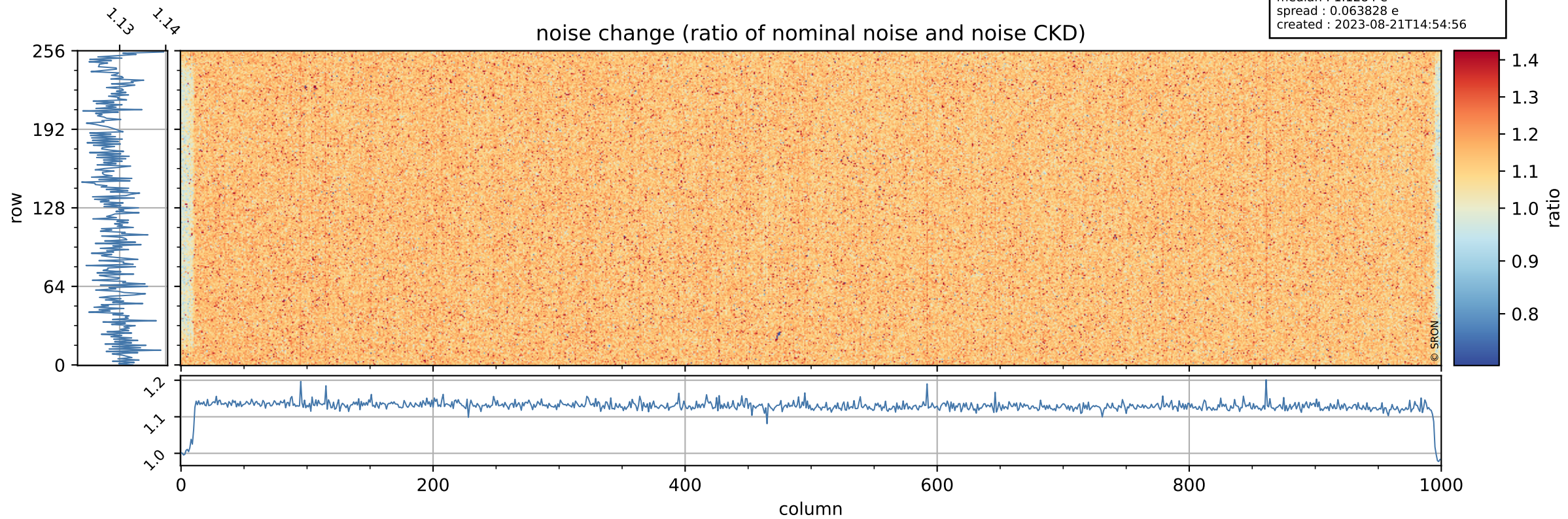
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
median : 1.0022 e
spread : 0.0087845 e
created : 2023-08-21T14:54:56



Tropomi SWIR background noise (swir)

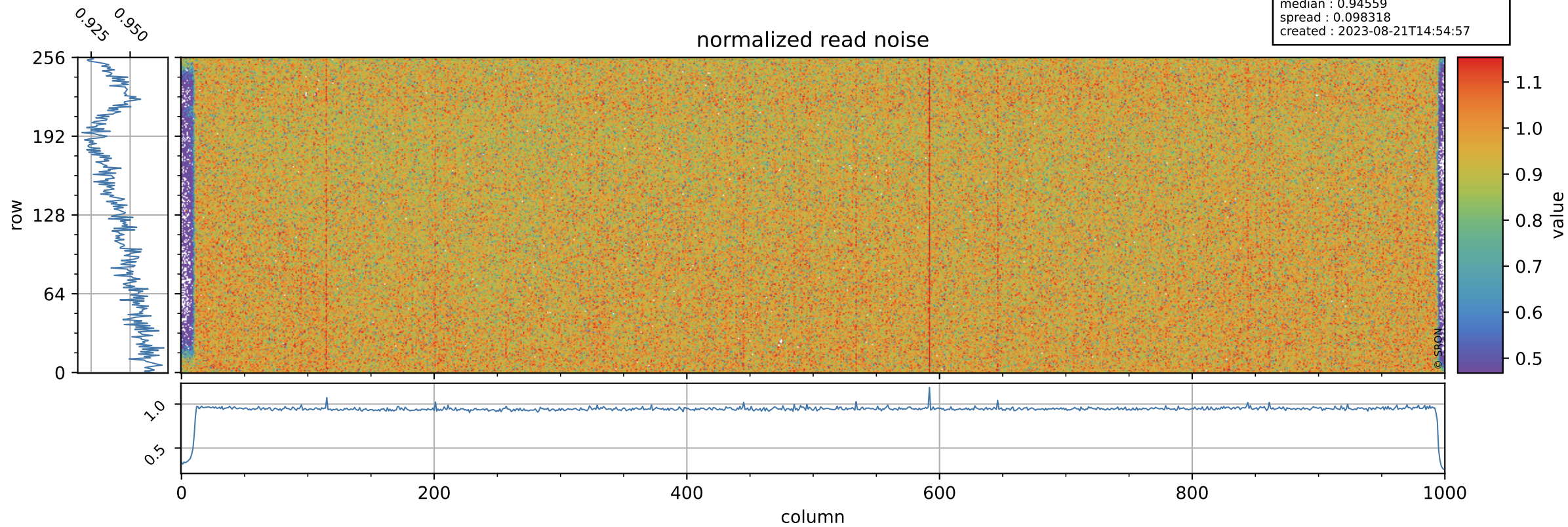
orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
median : 1.1284 e
spread : 0.063828 e
created : 2023-08-21T14:54:56



Tropomi SWIR background noise (swir)

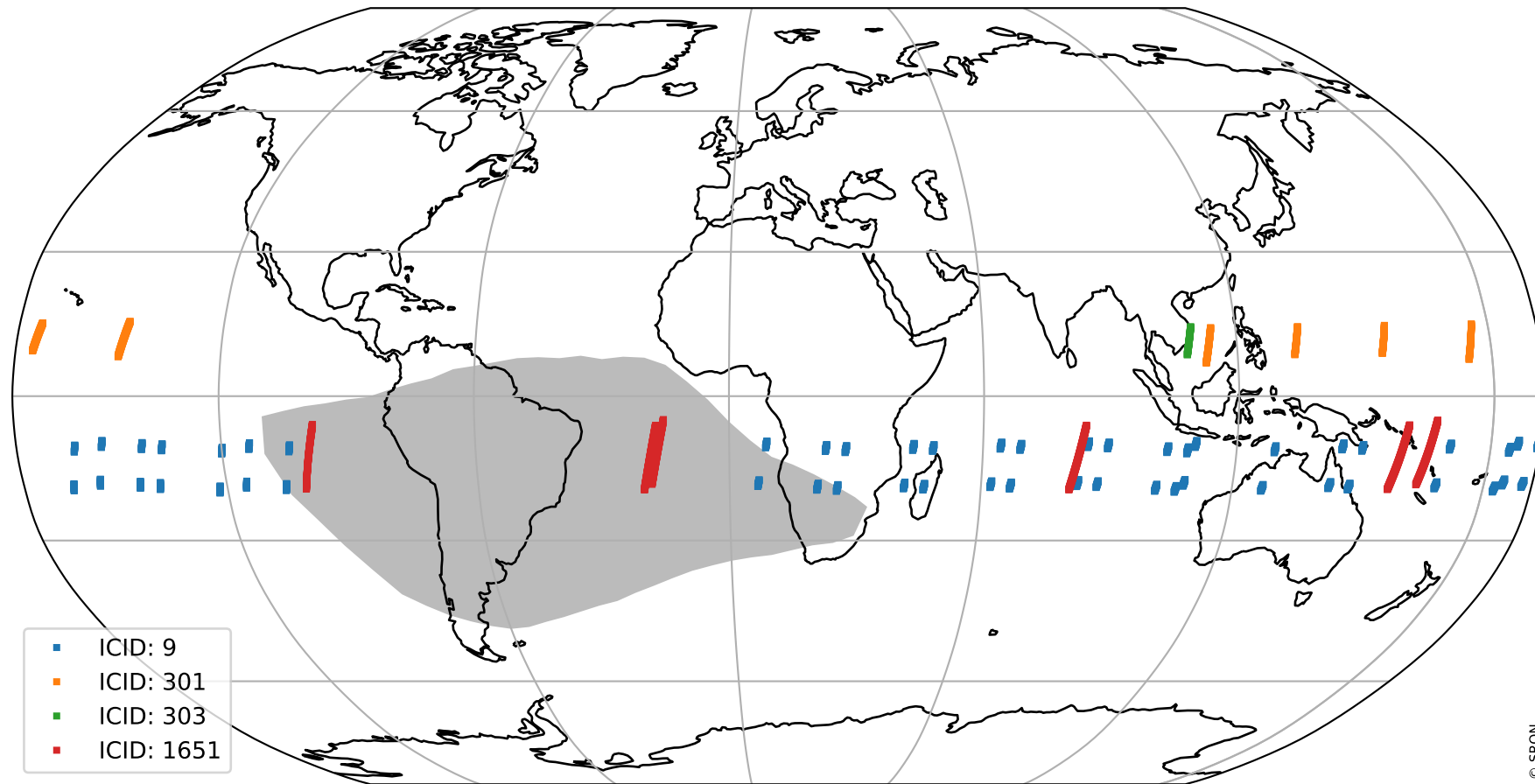
orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
median : 0.94559
spread : 0.098318
created : 2023-08-21T14:54:57

normalized read noise



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

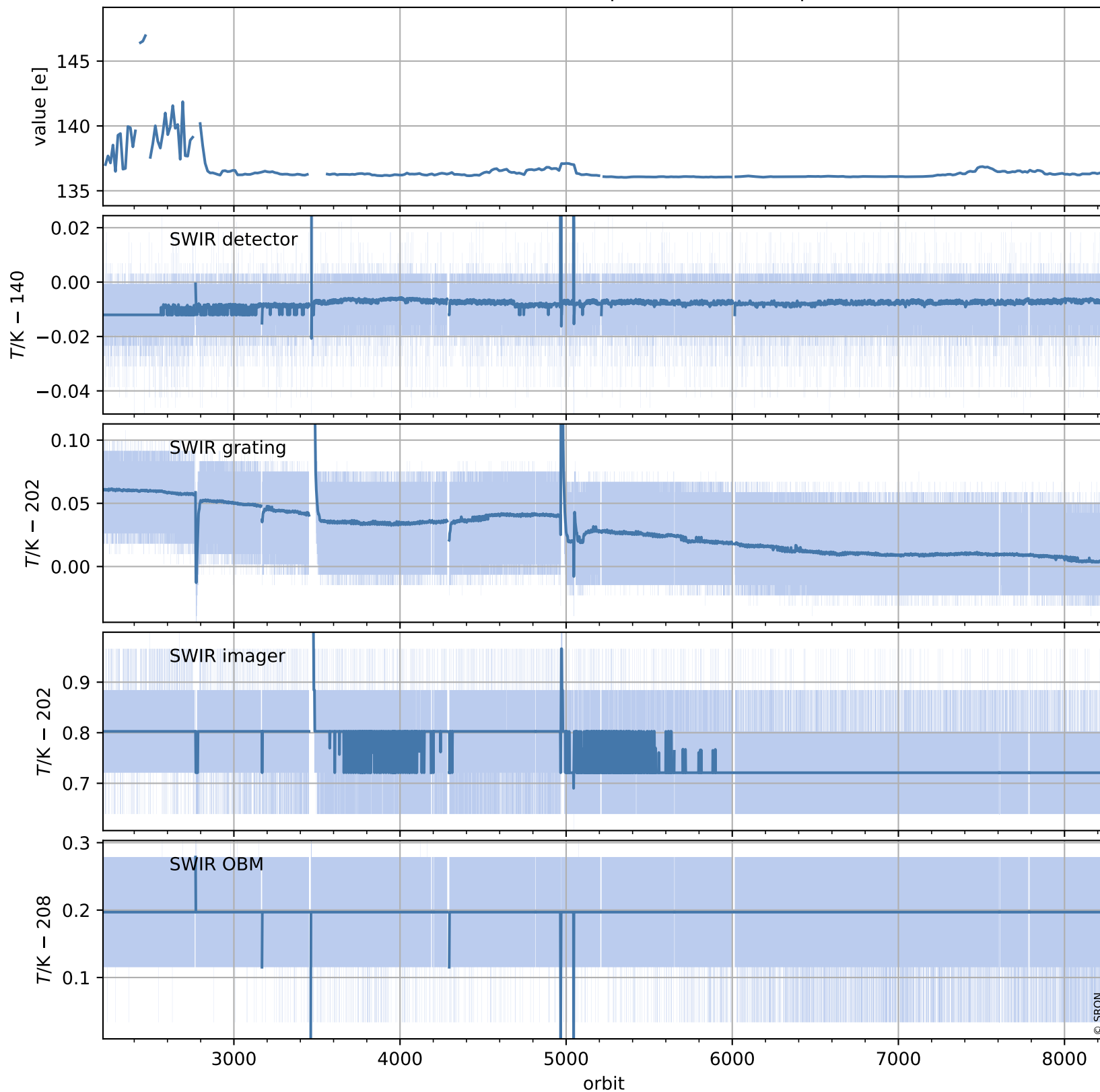
orbits : 13 in [8152, 8242]
coverage : 2019-05-11 / 2019-05-17
created : 2023-08-21T14:54:57



Tropomi SWIR background noise (swir)

orbits : [2212, 8242]
coverage : 2018-03-18 / 2019-05-17
created : 2023-08-21T14:54:57

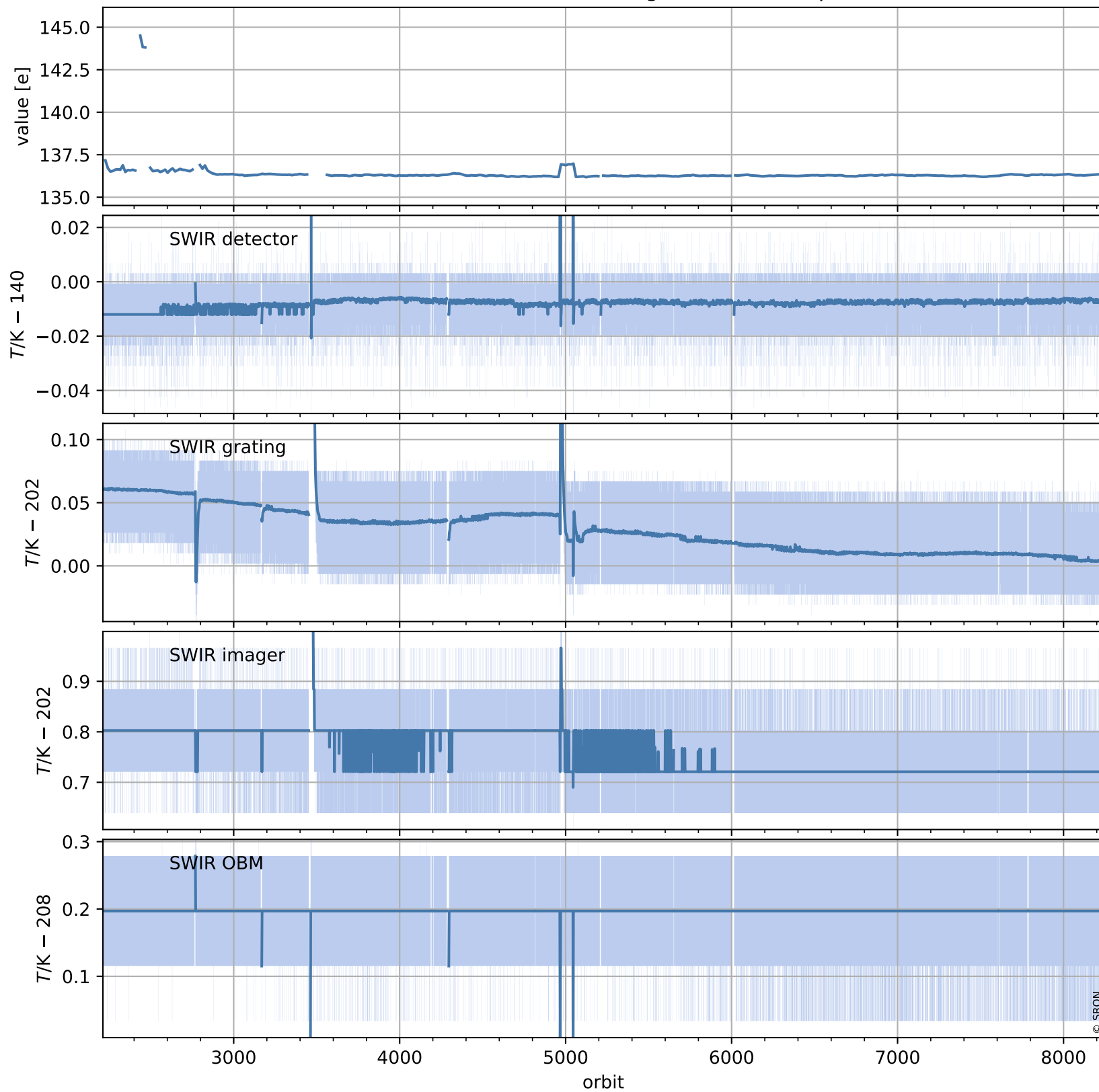
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8242]
coverage : 2018-03-18 / 2019-05-17
created : 2023-08-21T14:54:58

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 8242]
coverage : 2018-03-18 / 2019-05-17
created : 2023-08-21T14:54:59

trend of normalized read-noise & temperatures

