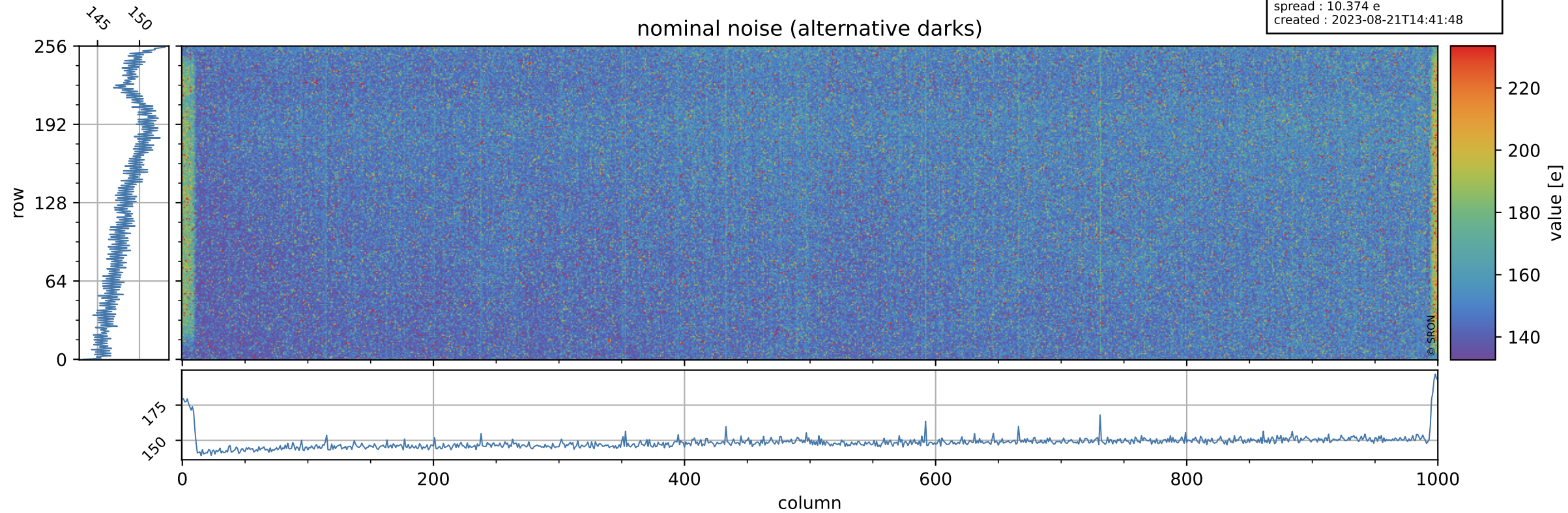


Tropomi SWIR background noise (swir)

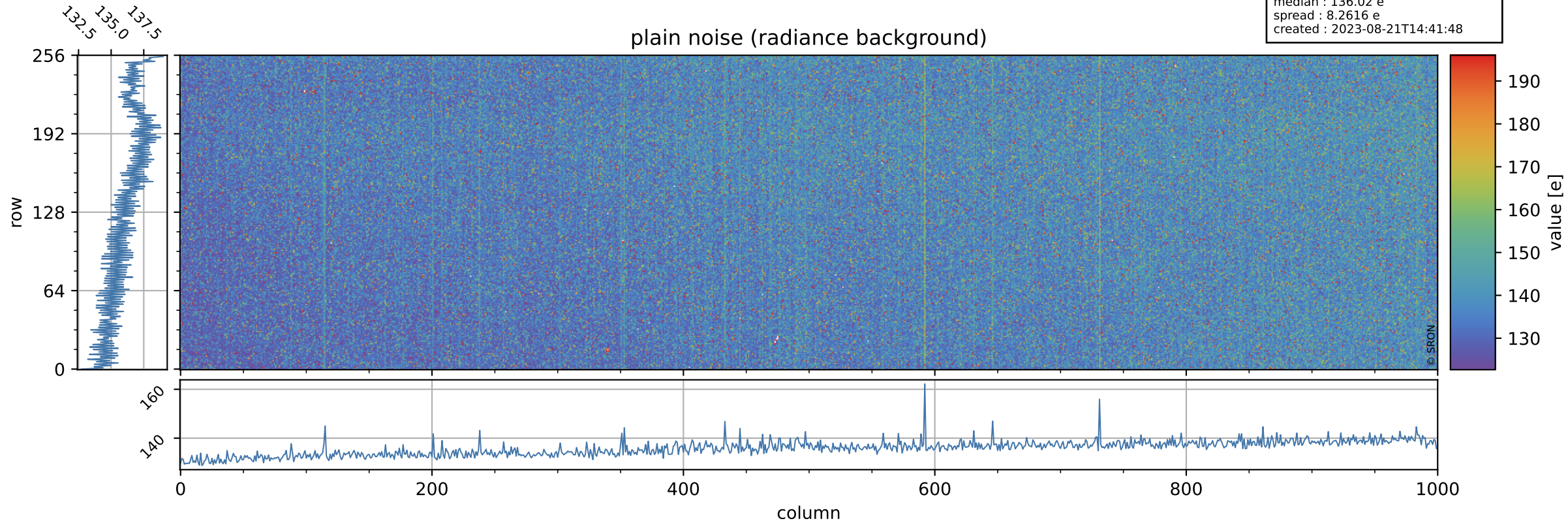
orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
n_coad, t_exp : 1, 1.0783
median : 148.33 e
spread : 10.374 e
created : 2023-08-21T14:41:48



Tropomi SWIR background noise (swir)

orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2616 e
created : 2023-08-21T14:41:48

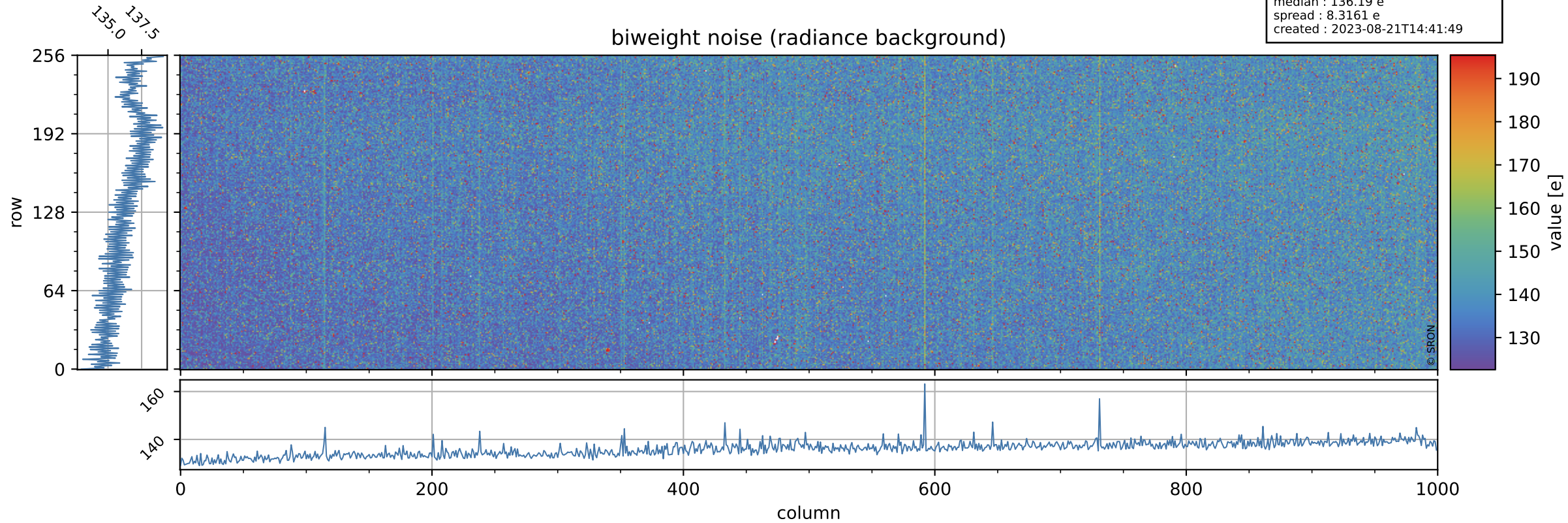
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
n_coad, t_exp : 2, 0.5383
median : 136.19 e
spread : 8.3161 e
created : 2023-08-21T14:41:49

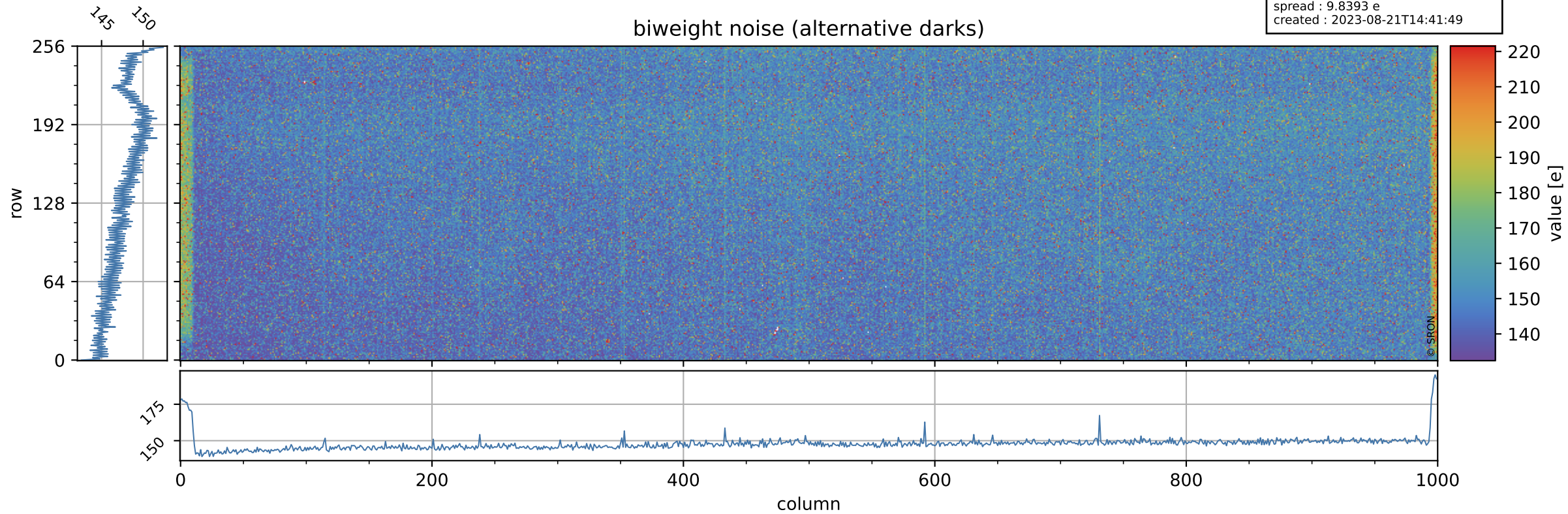
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.8393 e
created : 2023-08-21T14:41:49

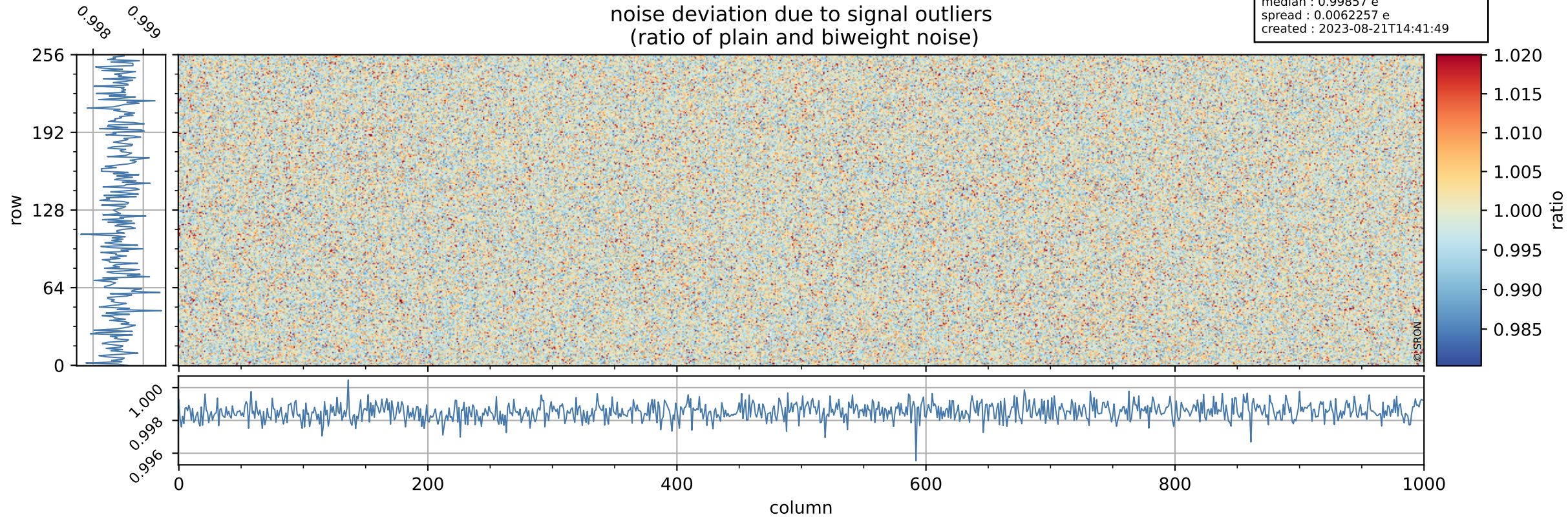
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

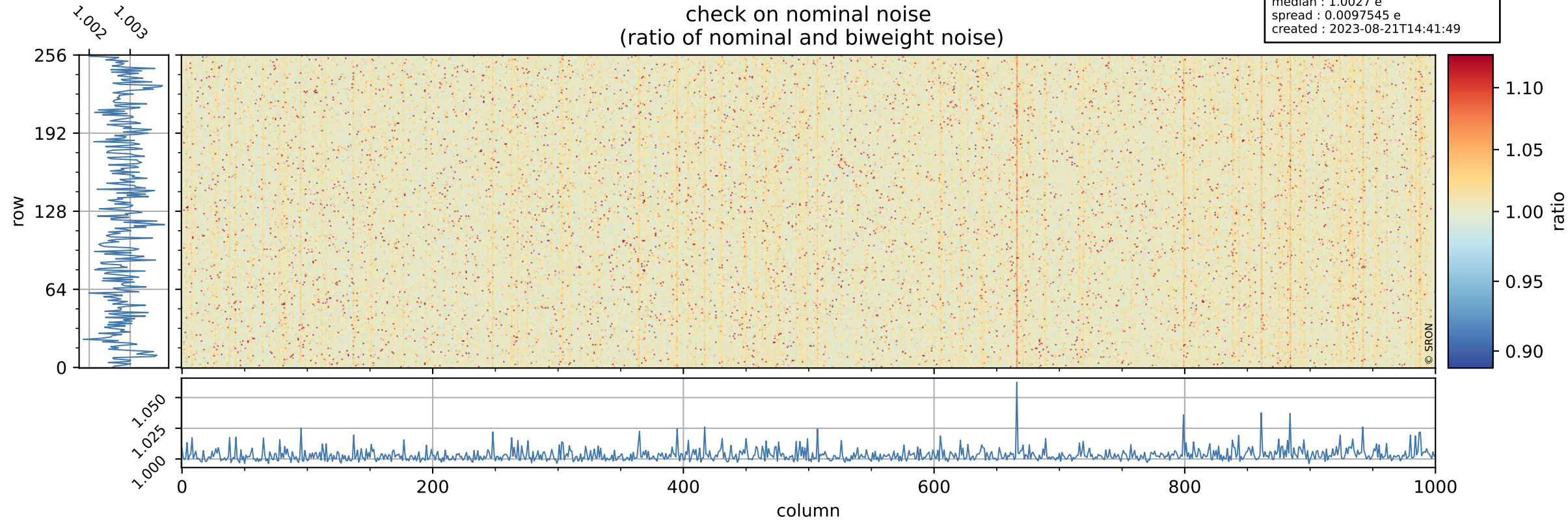
orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
median : 0.99857 e
spread : 0.0062257 e
created : 2023-08-21T14:41:49



Tropomi SWIR background noise (swir)

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

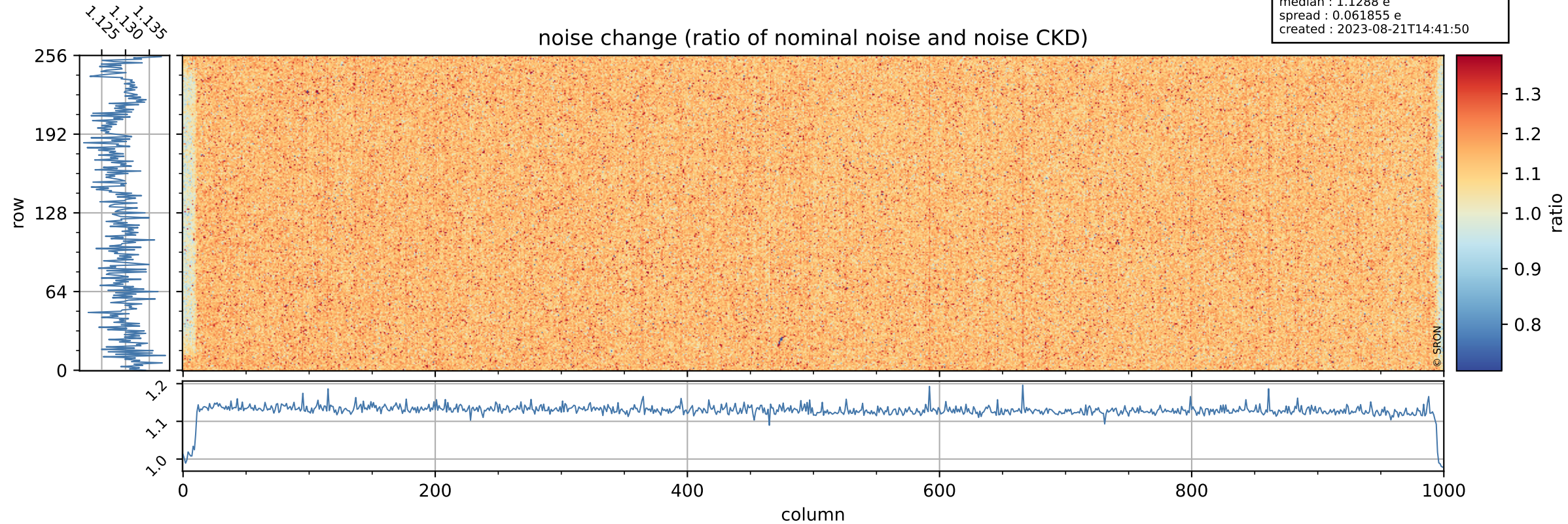
orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
median : 1.0027 e
spread : 0.0097545 e
created : 2023-08-21T14:41:49



Tropomi SWIR background noise (swir)

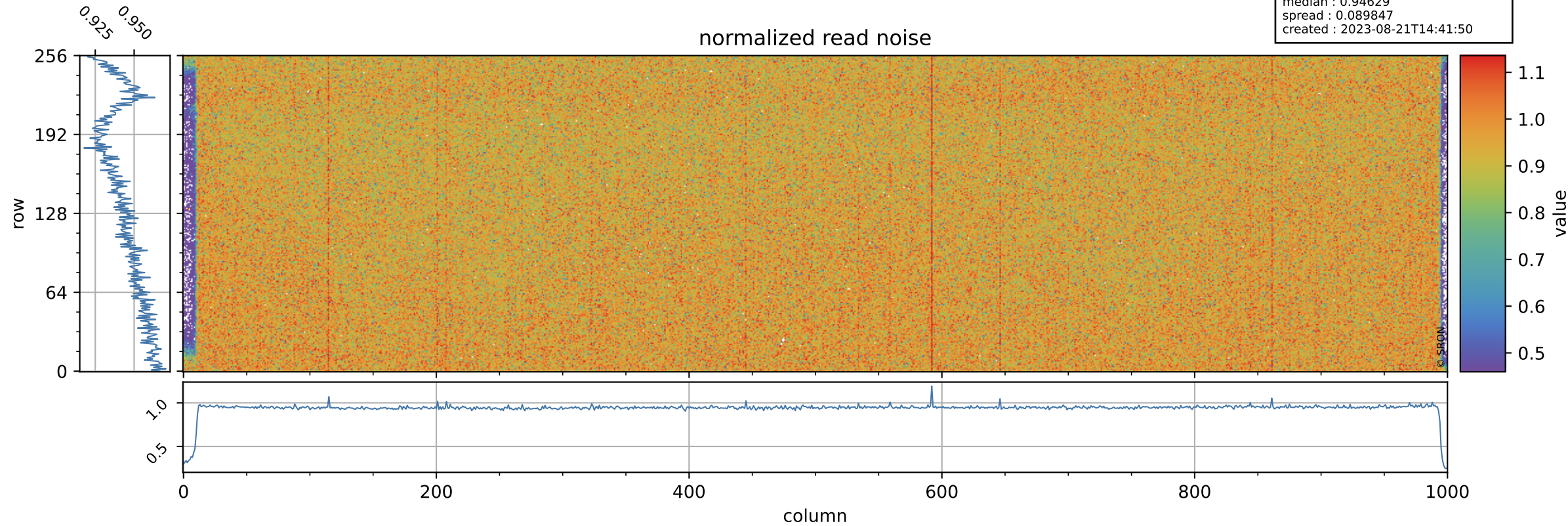
orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
median : 1.1288 e
spread : 0.061855 e
created : 2023-08-21T14:41:50

noise change (ratio of nominal noise and noise CKD)



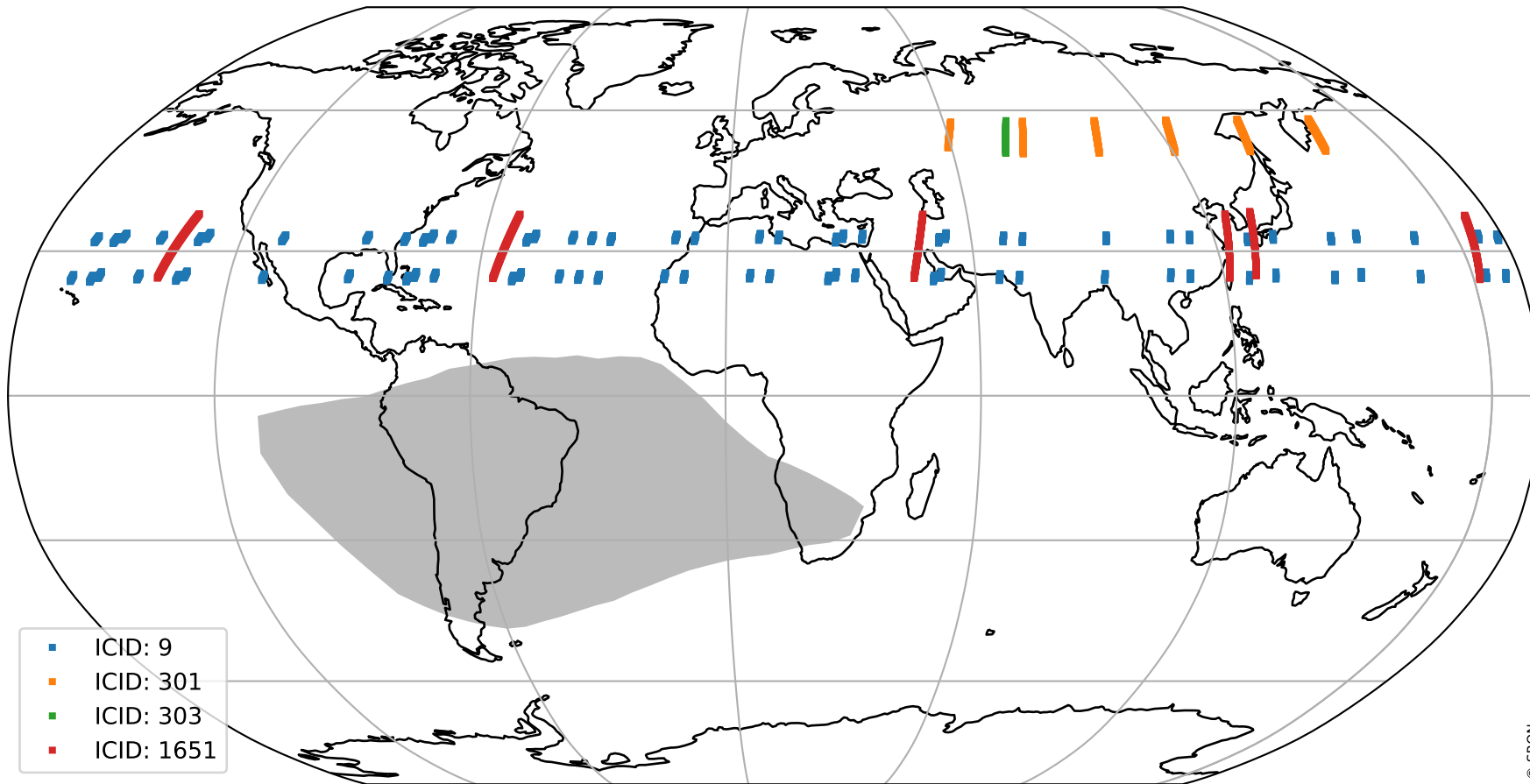
Tropomi SWIR background noise (swir)

orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
median : 0.94629
spread : 0.089847
created : 2023-08-21T14:41:50



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

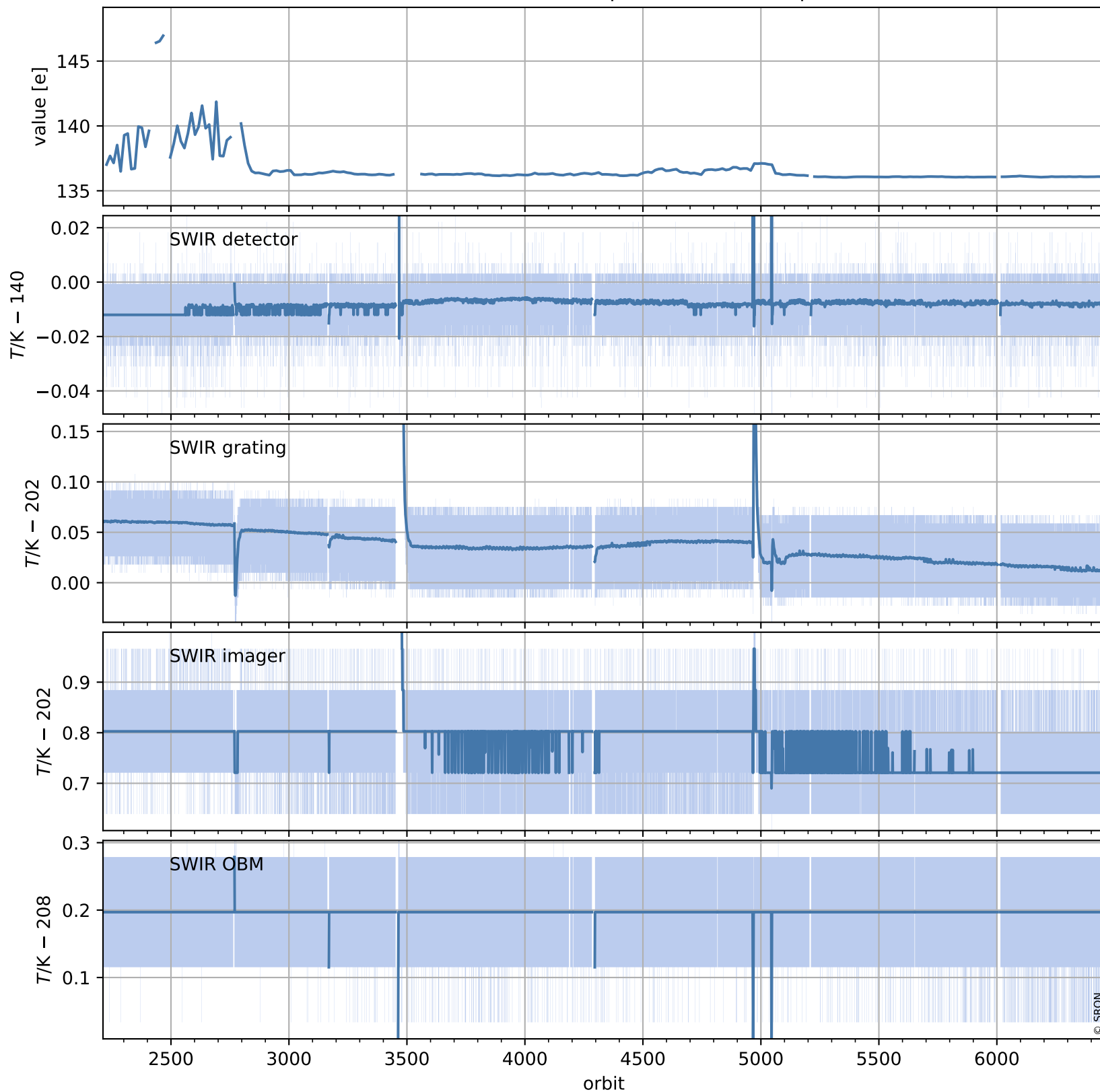
orbits : 13 in [6367, 6457]
coverage : 2019-01-05 / 2019-01-11
created : 2023-08-21T14:41:51



Tropomi SWIR background noise (swir)

orbits : [2212, 6457]
coverage : 2018-03-18 / 2019-01-11
created : 2023-08-21T14:41:51

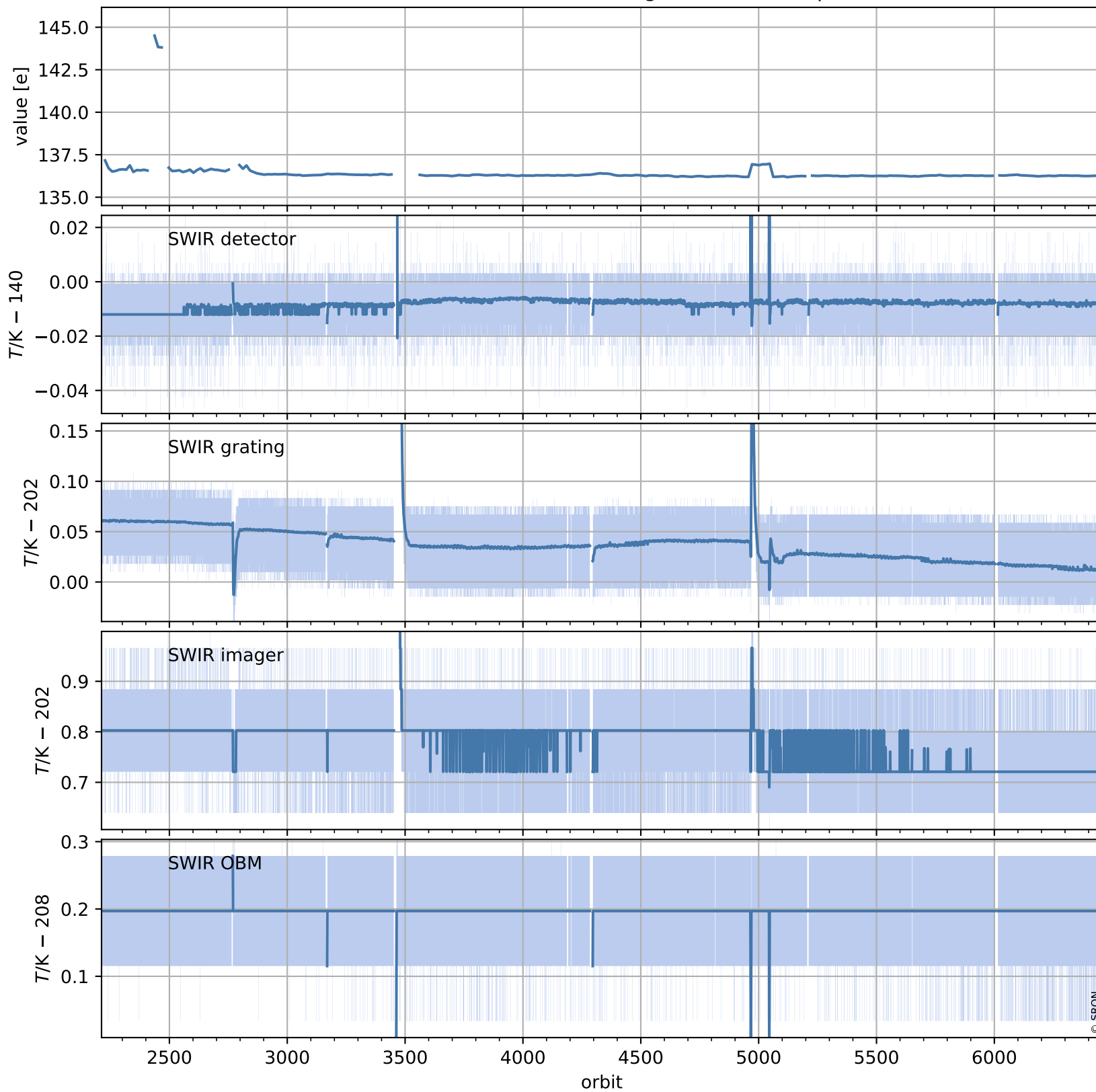
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6457]
coverage : 2018-03-18 / 2019-01-11
created : 2023-08-21T14:41:52

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6457]
coverage : 2018-03-18 / 2019-01-11
created : 2023-08-21T14:41:53

trend of normalized read-noise & temperatures

