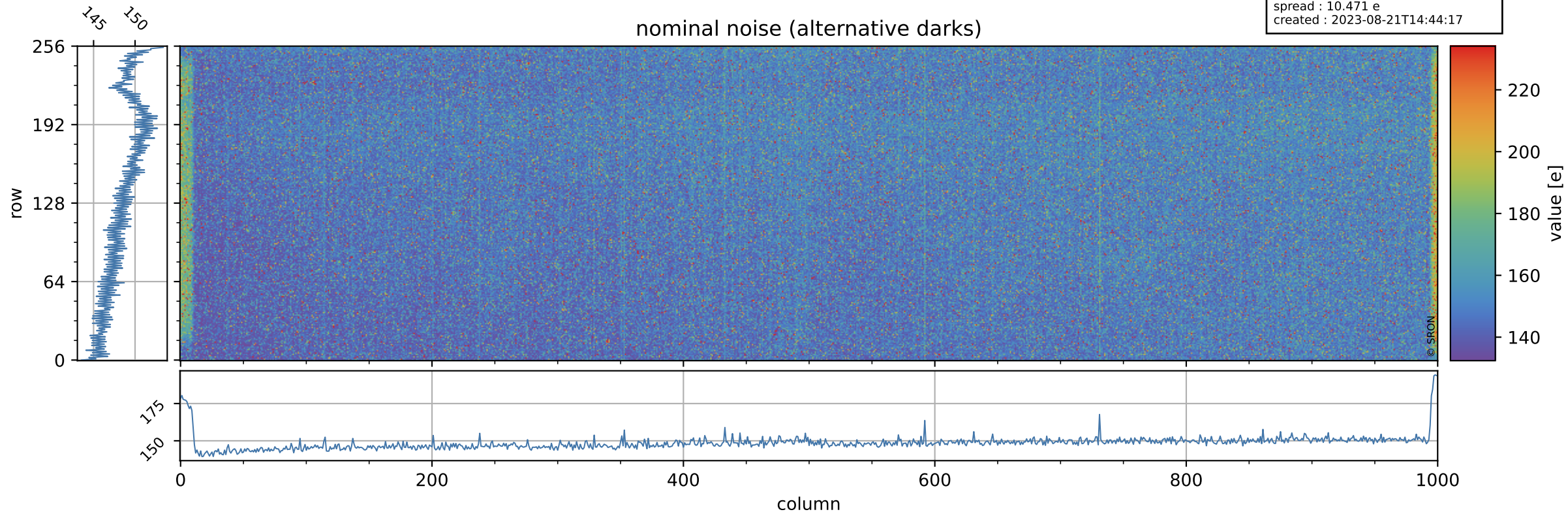


Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
n_coad, t_exp : 1, 1.0783
median : 148.43 e
spread : 10.471 e
created : 2023-08-21T14:44:17

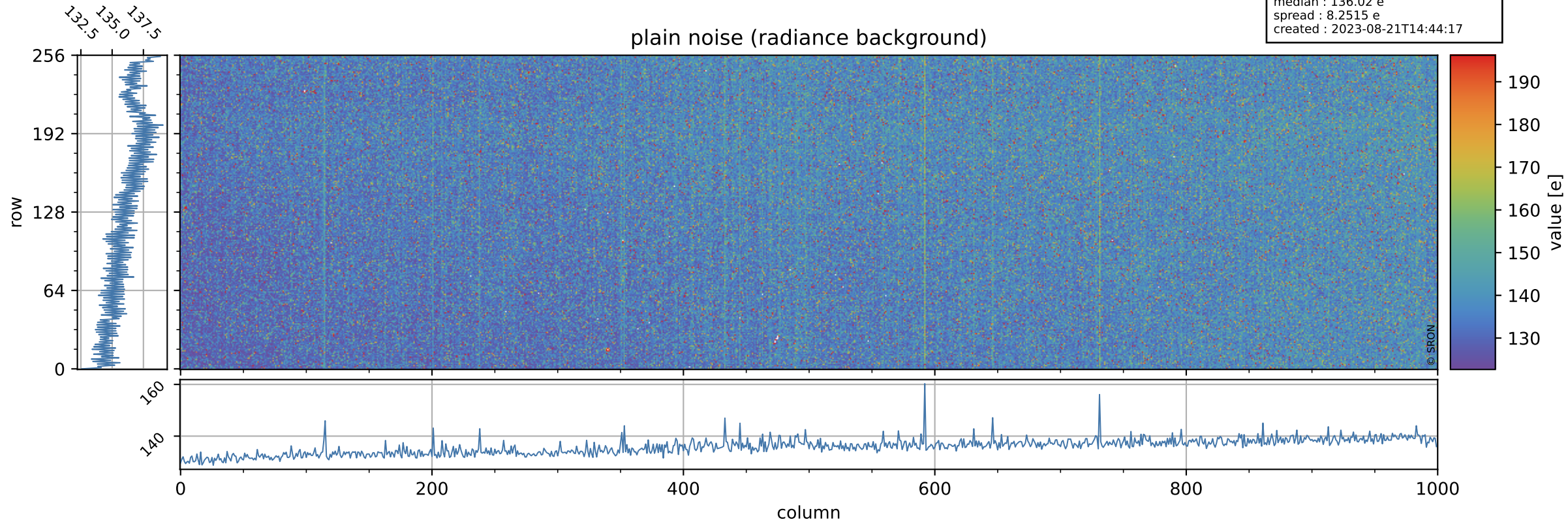
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
n_coad, t_exp : 2, 0.5383
median : 136.02 e
spread : 8.2515 e
created : 2023-08-21T14:44:17

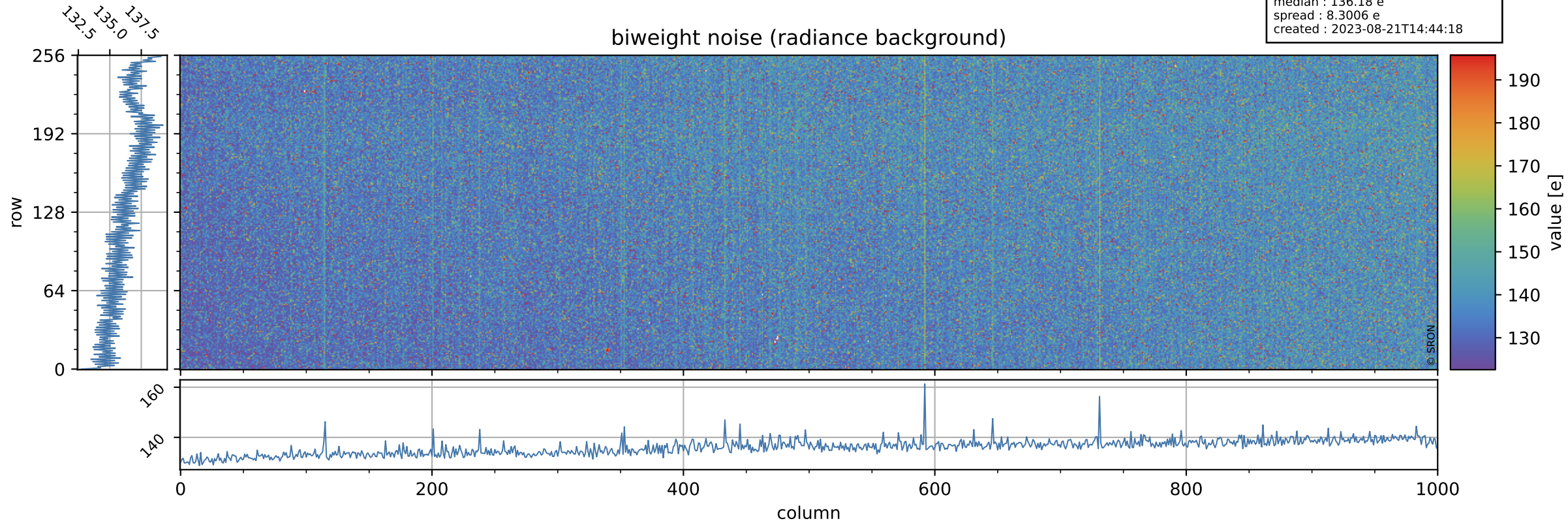
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
n_coad, t_exp : 2, 0.5383
median : 136.18 e
spread : 8.3006 e
created : 2023-08-21T14:44:18

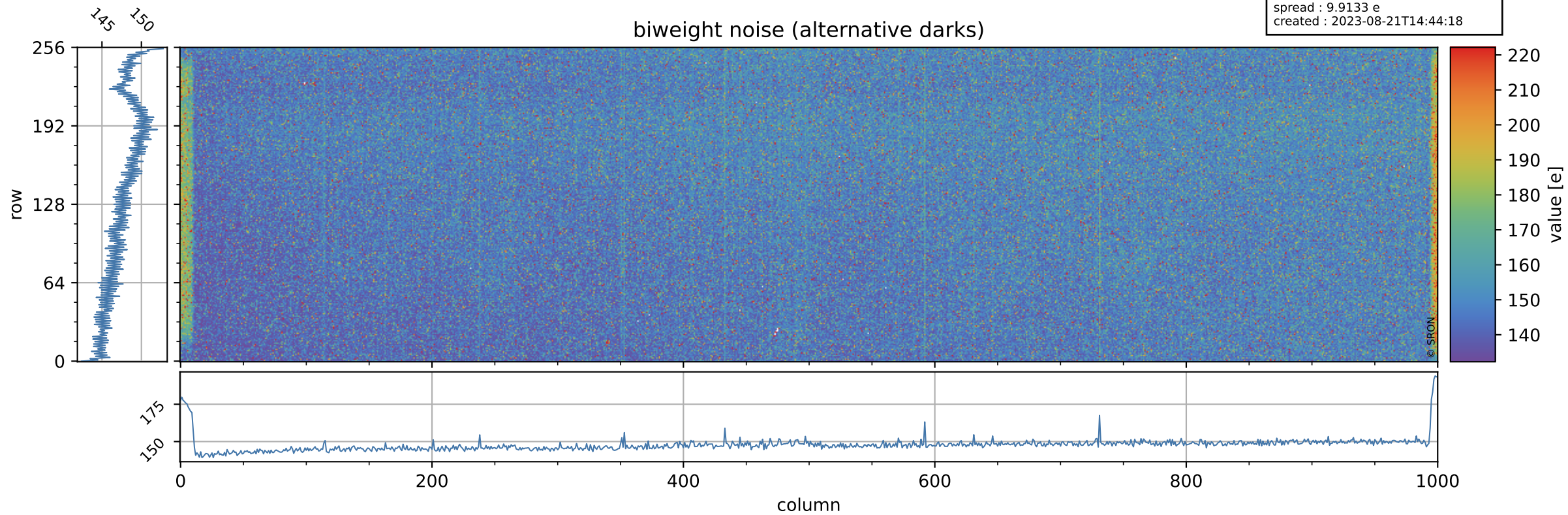
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
n_coad, t_exp : 1, 1.0783
median : 147.55 e
spread : 9.9133 e
created : 2023-08-21T14:44:18

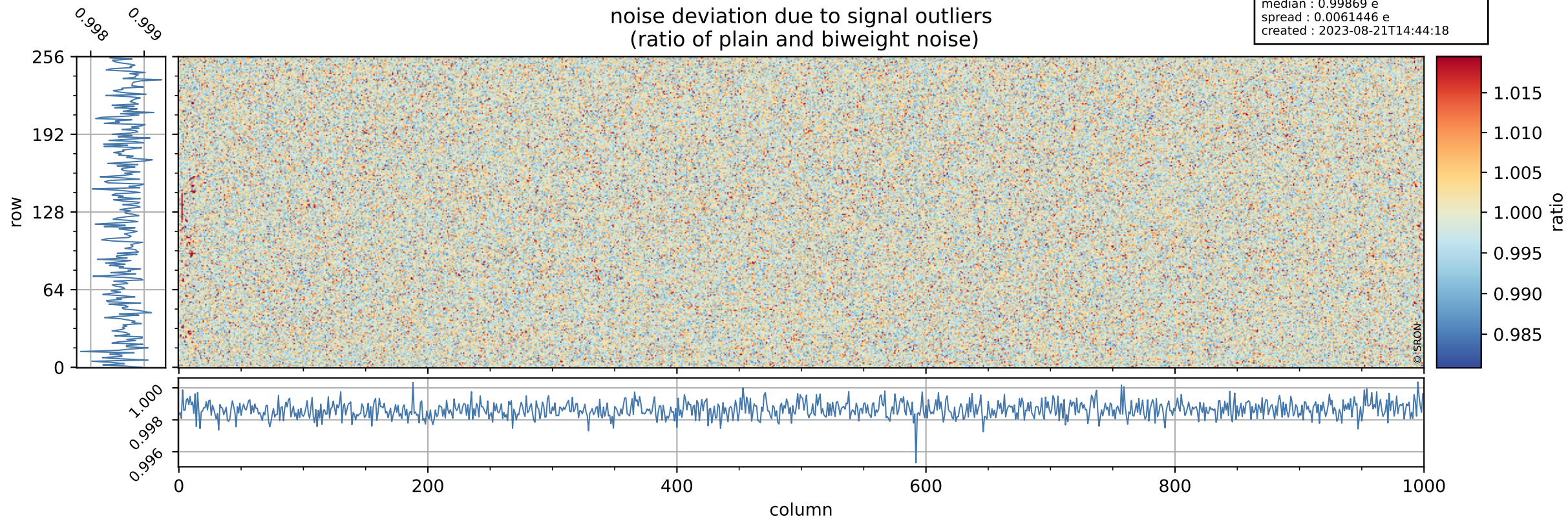
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

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

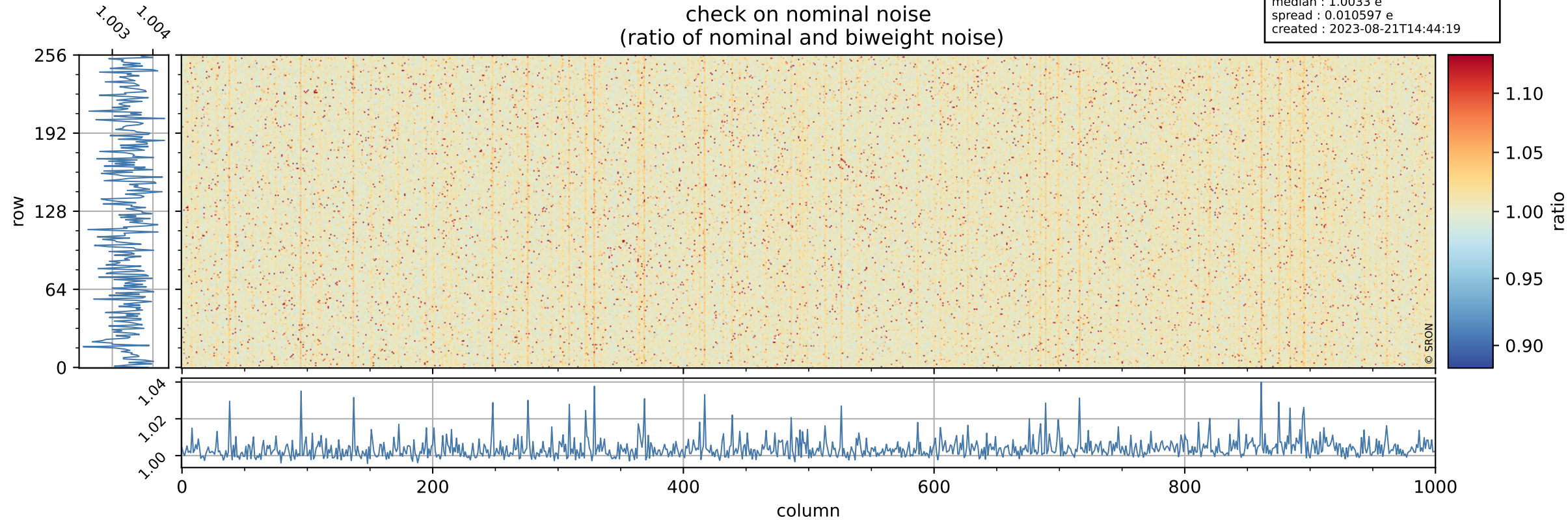
orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
median : 0.99869 e
spread : 0.0061446 e
created : 2023-08-21T14:44:18



Tropomi SWIR background noise (swir)

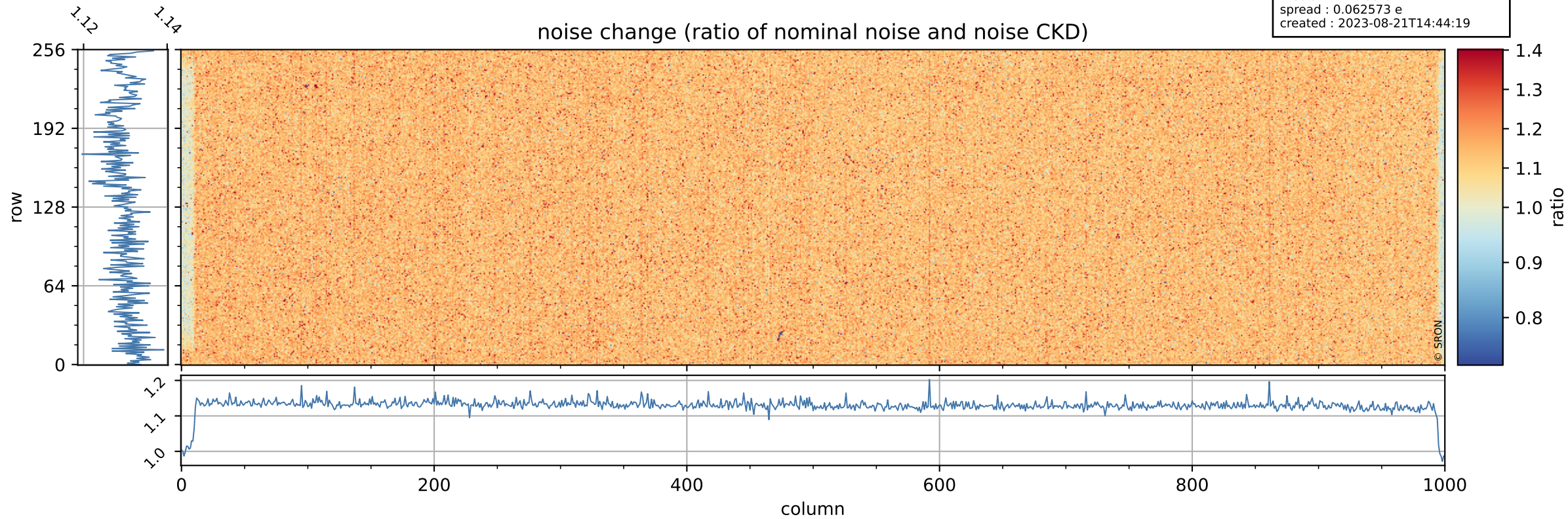
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
median : 1.0033 e
spread : 0.010597 e
created : 2023-08-21T14:44:19



Tropomi SWIR background noise (swir)

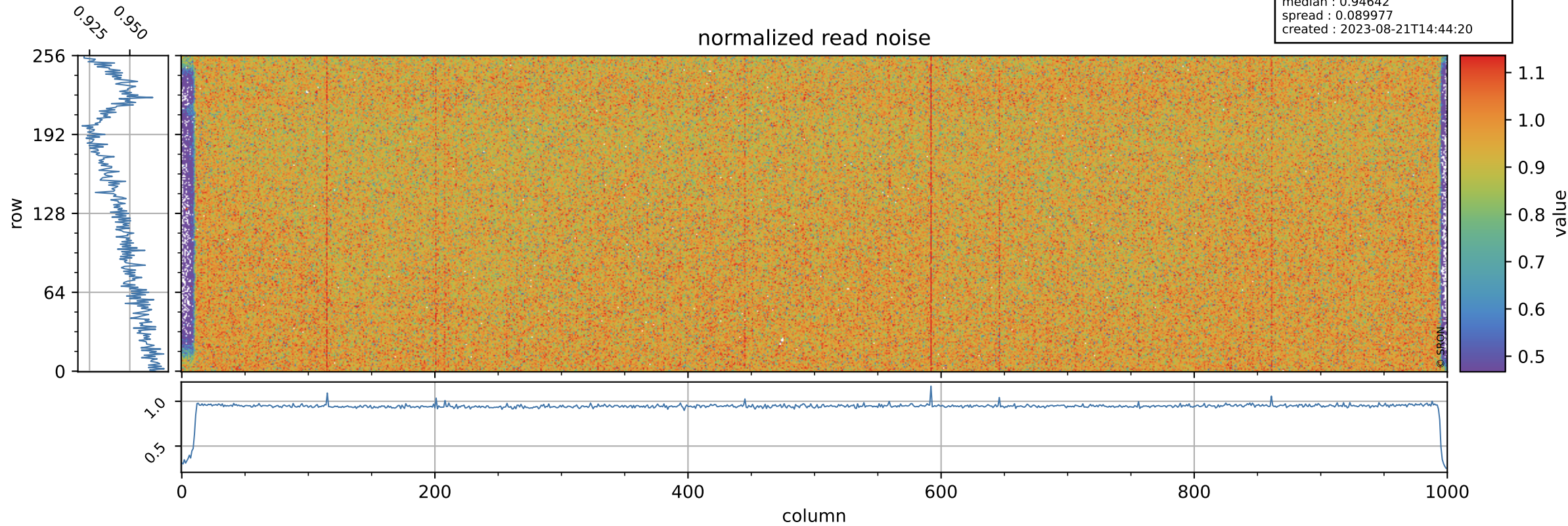
orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
median : 1.1293 e
spread : 0.062573 e
created : 2023-08-21T14:44:19



Tropomi SWIR background noise (swir)

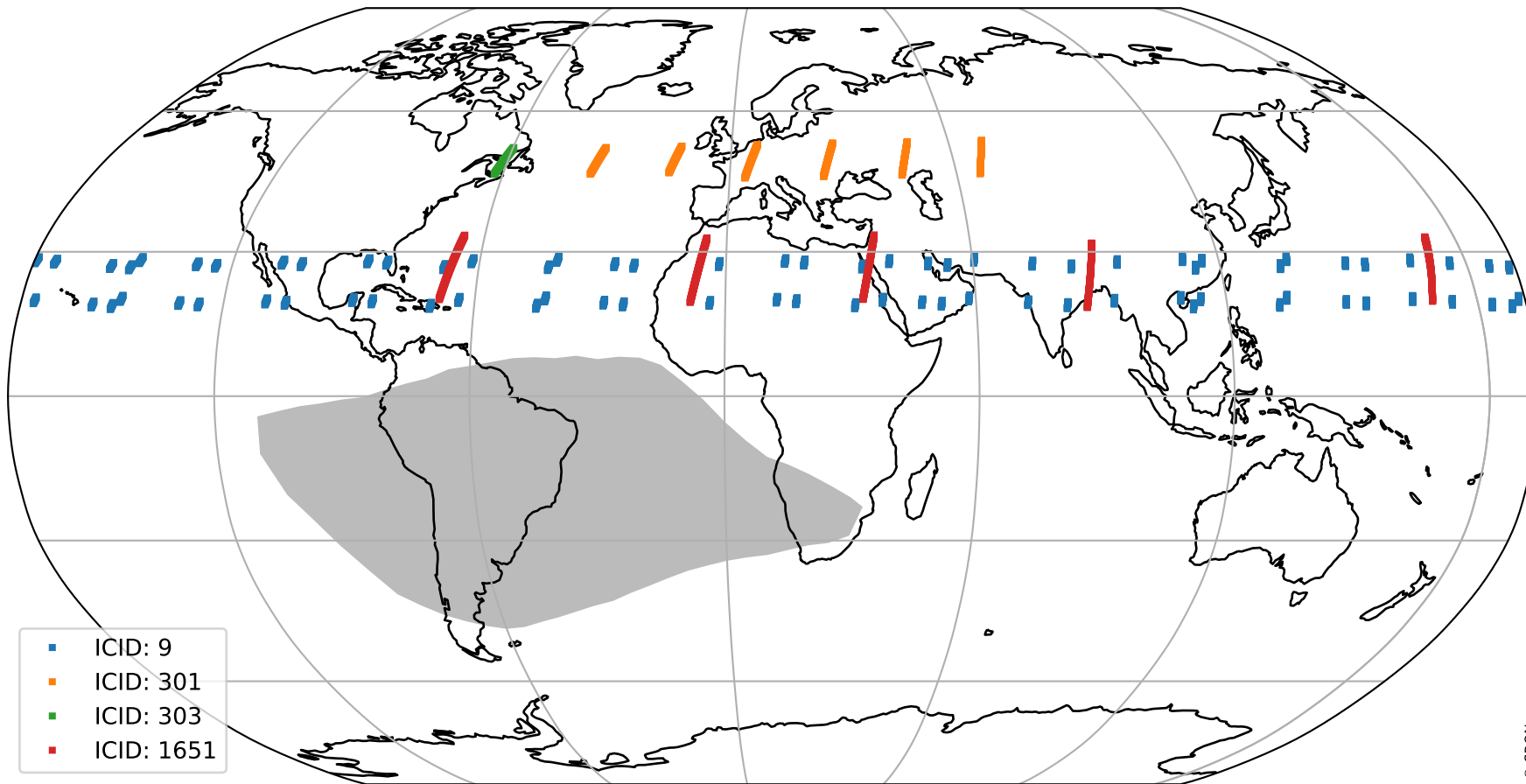
orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
median : 0.94642
spread : 0.089977
created : 2023-08-21T14:44:20

normalized read noise



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

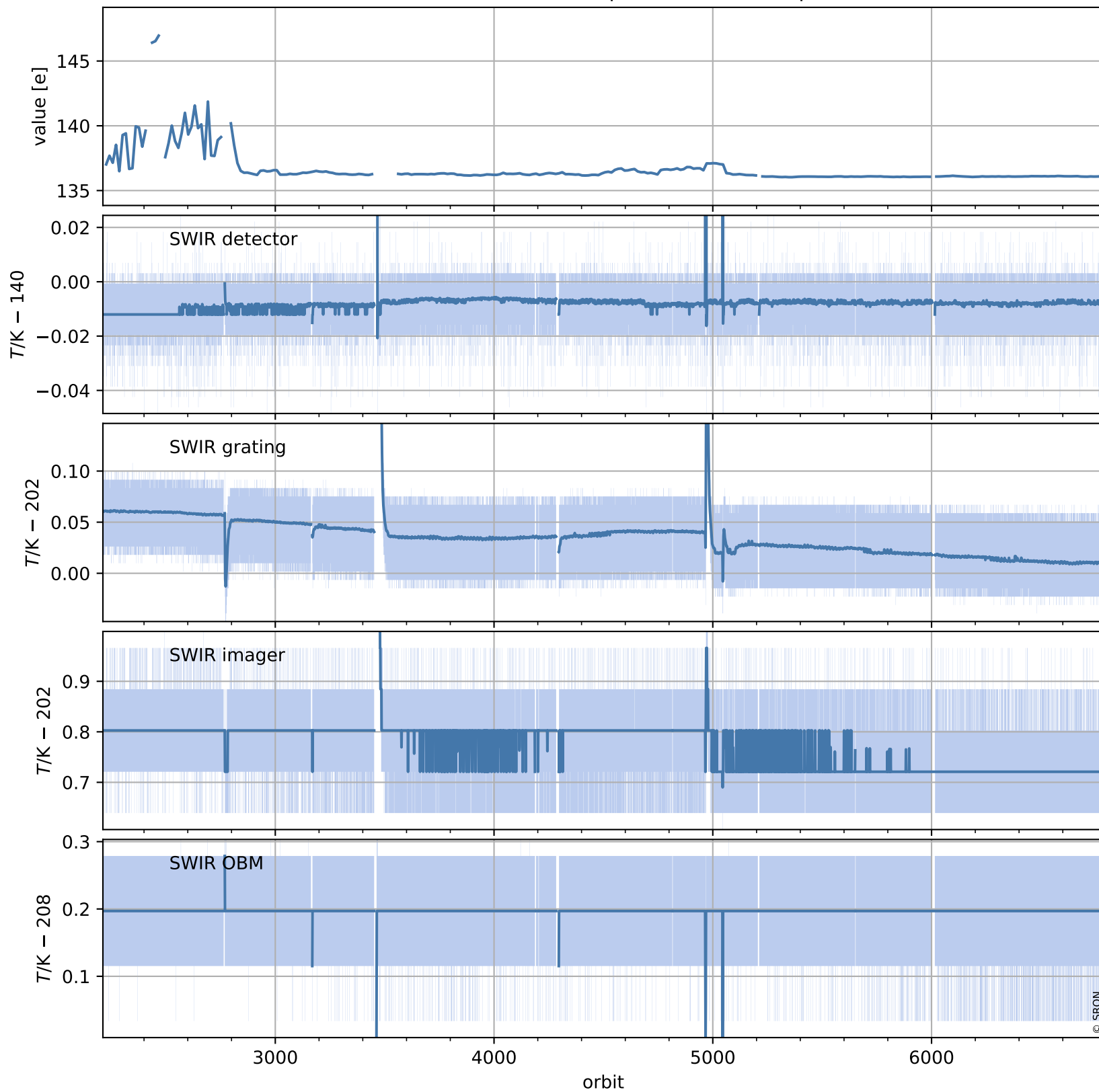
orbits : 12 in [6697, 6787]
coverage : 2019-01-28 / 2019-02-03
created : 2023-08-21T14:44:20



Tropomi SWIR background noise (swir)

orbits : [2212, 6787]
coverage : 2018-03-18 / 2019-02-03
created : 2023-08-21T14:44:20

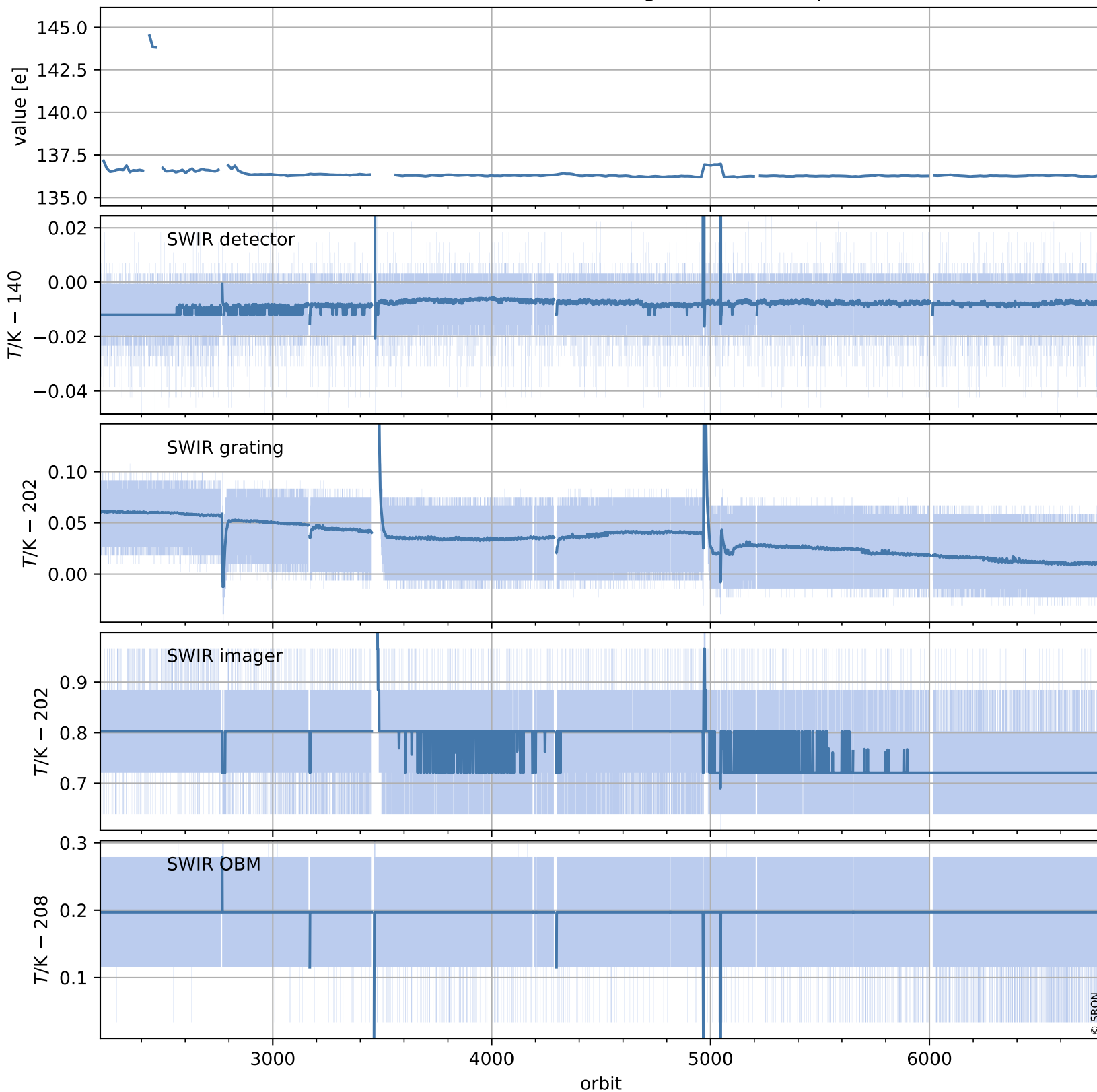
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6787]
coverage : 2018-03-18 / 2019-02-03
created : 2023-08-21T14:44:21

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 6787]
coverage : 2018-03-18 / 2019-02-03
created : 2023-08-21T14:44:22

trend of normalized read-noise & temperatures

