

Subarcsecond international LOFAR radio images of Arp 220 at 150 MHz

A kpc-scale star forming disk surrounding nuclei with shocked outflows (Corrigendum)

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 errata, addenda

In Sect. 3.2.1 of Varenius et al. (2016), Eq. (2) was missing an exponent. The correct equation is

$$E(\alpha_{v1,2}) = \frac{1}{\log(v_2/v_1)} \times \left[\frac{\sigma_{v1}^2}{S_{v1}^2} + \frac{\sigma_{v2}^2}{S_{v2}^2} \right]^{1/2}, \quad (1)$$

as given by Kim & Trippe (2014). Although written incorrectly in the text, we emphasize that the correct equation was used to generate Figs. 5b–d.

The peak surface brightness values published in Table 3 and Fig. 7 for convolved images were given as twice the true values. A factor of two was missing when converting from convolved units of Jy beam⁻¹ into Jy arcsec⁻². The correct values are given here in Table 1 and Fig. 1. We note that since both measured and simulated values were scaled by the same factor, the ratio of 60% referred to in Sect. 4.3.1 was correct, although the model surface brightness quoted at 150 MHz (after convolving to 0.7 × 0.5) should be corrected to 90 mJy arcsec⁻². We emphasize that the error in these peak surface brightness values does not affect the modeling or conclusions in the paper as these were based on integrated flux densities or peak values in units of Jy beam⁻¹.

References

Kim, J.-Y., & Trippe, S. 2014, *J. Korean Astron. Soc.*, 47, 195
 Varenius, E., Conway, J. E., Martí-Vidal, I., et al. 2016, *A&A*, 593, A86

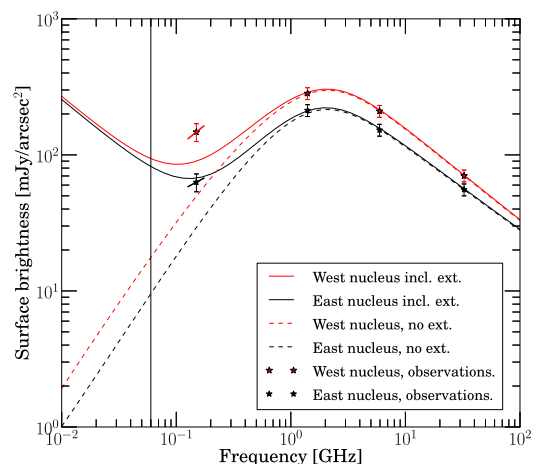


Fig. 1. Figure to replace Fig. 7 in Varenius et al. (2016).

Table 1. Values to replace Table 3 in Varenius et al. (2016).

Frequency [GHz]	East [mJy arcsec ⁻²]	West [mJy arcsec ⁻²]
0.15	63 ± 9	147 ± 22
1.4	213 ± 21	283 ± 28
6.0	152 ± 15	210 ± 21
32.5	56 ± 6	70 ± 7