

Erratum

**(1) Radio spectral index variations of the SNR HB3
 (2) Radio spectral index study of the SNRs OA184
 and VRO42.05.01**

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(2) A&A, 440, 929-936 (2005), DOI: 10.1051/0004-6361:20053392

ABSTRACT

For both above papers, there were mistakes in calculation of the spectral index errors in Tables 3 which have been corrected in the following replacement tables respectively. Therefore the integrated flux density based spectral index error cited in the text changes to 0.34 ± 0.25 (not 0.34 ± 0.15) for HB3, 0.25 ± 0.08 (not 0.25 ± 0.03) for OA184 and 0.36 ± 0.10 (not 0.36 ± 0.06) for VRO42.05.01. The correct beamwidth for the 2695 MHz effelsberg 100-m in Table 4 (for the both papers) and 5 (only for the second paper) is 4.3×4.3 arcmin not 3.4×3.4 arcmin. None of the above corrections affect our discussions and conclusions in the two papers.

Key words. ISM: individual objects: HB3 – ISM: individual objects: OA184 – ISM: individual objects: VRO42.05.01 – ISM: supernova remnants – radio continuum: ISM – errata, addenda

Table 1. The table will replace the Table 3 of Paper 1. Integrated flux density and spectral index of the whole area and five subareas* of HB3 and of Compact Sources (CSs) at 1420 MHz and 408 MHz.

Freq. MHz	CSs Jy	HB3 Area Jy	HB3+CSs Jy	HB3 Sub-1 Jy	HB3 Sub-2 Jy	HB3 Sub-3 Jy	HB3 Sub-4 Jy	HB3 Sub-5 Jy
408	5.3 ± 0.4	68.6 ± 11.5	73.9 ± 11.9	41.4 ± 7.9	12.5 ± 0.9	4.1 ± 0.1	13.6 ± 0.9	1.3 ± 0.2
1420	2.4 ± 0.2	44.8 ± 12.0	47.2 ± 12.2	23.2 ± 3.8	8.3 ± 1.3	3.6 ± 0.2	10.0 ± 1.7	0.8 ± 0.1
α	0.64 ± 0.09	0.34 ± 0.25	0.36 ± 0.24	0.47 ± 0.20	0.33 ± 0.19	0.11 ± 0.08	0.34 ± 0.15	0.34 ± 0.16

Table 2. The table will replace the Table 3 of Paper 2. Integrated flux densities and spectral indices of OA184, VRO42.05.01, and compact sources within OA184 and VRO42.05.01.

Freq. MHz	OA184 Jy	CS of OA184 Jy	OA184+CS Jy	VRO42 Jy	CS of VRO42 Jy	VRO42 +CS Jy
408	10.7 ± 1.0	2.2 ± 0.2	12.9 ± 1.2	8.1 ± 1.0	0.28 ± 0.04	8.4 ± 1.0
1420	7.8 ± 0.3	1.0 ± 0.1	8.8 ± 0.4	5.2 ± 0.2	0.13 ± 0.02	5.3 ± 0.2
α	0.25 ± 0.08	0.63 ± 0.11	0.31 ± 0.08	0.36 ± 0.10	0.62 ± 0.17	0.37 ± 0.10