

*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  $0.34 \pm 0.25$  (not  $0.34 \pm 0.15$ ) for HB3,  $0.25 \pm 0.08$  (not  $0.25 \pm 0.03$ ) for OA184 and  $0.36 \pm 0.10$  (not  $0.36 \pm 0.06$ ) 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  $4.3 \times 4.3$  arcmin not  $3.4 \times 3.4$  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	$5.3 \pm 0.4$	$68.6 \pm 11.5$	$73.9 \pm 11.9$	$41.4 \pm 7.9$	$12.5 \pm 0.9$	$4.1 \pm 0.1$	$13.6 \pm 0.9$	$1.3 \pm 0.2$
1420	$2.4 \pm 0.2$	$44.8 \pm 12.0$	$47.2 \pm 12.2$	$23.2 \pm 3.8$	$8.3 \pm 1.3$	$3.6 \pm 0.2$	$10.0 \pm 1.7$	$0.8 \pm 0.1$
$\alpha$	$0.64 \pm 0.09$	$0.34 \pm 0.25$	$0.36 \pm 0.24$	$0.47 \pm 0.20$	$0.33 \pm 0.19$	$0.11 \pm 0.08$	$0.34 \pm 0.15$	$0.34 \pm 0.16$

**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	$10.7 \pm 1.0$	$2.2 \pm 0.2$	$12.9 \pm 1.2$	$8.1 \pm 1.0$	$0.28 \pm 0.04$	$8.4 \pm 1.0$
1420	$7.8 \pm 0.3$	$1.0 \pm 0.1$	$8.8 \pm 0.4$	$5.2 \pm 0.2$	$0.13 \pm 0.02$	$5.3 \pm 0.2$
$\alpha$	$0.25 \pm 0.08$	$0.63 \pm 0.11$	$0.31 \pm 0.08$	$0.36 \pm 0.10$	$0.62 \pm 0.17$	$0.37 \pm 0.10$