



Correction

Correction: Mariappan, S.G. *et al.* Polymer Magnetic Composite Core Based Microcoils and Microtransformers for Very High Frequency Power Applications. *Micromachines*, 2016, 7, 60

Saravana Guru Mariappan ^{1,2}, Ali Moazenzadeh ^{1,2} and Ulrike Wallrabe ^{1,*}

¹ Laboratory for Microactuators, Department of Microsystems Engineering (IMTEK), University of Freiburg, Georges-Koehler-Allee 102, 79110 Freiburg, Germany; guru.mariappan@voxalytic.com (S.G.M.); ali.moazenzadeh@voxalytic.com (A.M.)

² Voxalytic GmbH, Rosengarten 3, 76228 Karlsruhe, Germany

* Correspondence: wallrabe@imtek.uni-freiburg.de; Tel.: +49-761-203-7580; Fax: +49-761-203-7439

Academic Editor: Nam-Trung Nguyen

Received: 6 June 2016; Accepted: 6 June 2016; Published: 8 June 2016

In the published paper [1], there are two errors in Table 5, both of which correspond to the reported results of a paper authored by Macrelli *et al.* in 2014 [48]. The correct value of the inductance per DC resistance of this paper is 73256 nH/ Ω , and the correct value of the core volume is 4.32 mm³. Therefore, Table 5 should read as follows:

Table 5. Survey on the state of the art microtransformers (pure RF microinductors are excluded). All the devices except the ones which marked with (*) were characterized using 50 Ω load.

References	Citation	L/R_{DC} (nH/ Ω)	η_{max} (%)	$F_{\eta max}$ (MHz)	κ (%)	Core Volume (mm ³)	Layout	Core Material
Rassel <i>et al.</i> , 2003	[37]	100	10 *	0.5	90	0.025	Solenoid	NiFe
Yamaguchi <i>et al.</i> , 1993	[38]	357	29 *	20	90	3.77	Planar	CoFeSiB
Allen <i>et al.</i> , 2003	[39]	371	32	26	85	3.99	Planar	NiFe
Meyer <i>et al.</i> , 2010	[40]	52.6	40	50	63	-	Stack planar	Air
Brunet <i>et al.</i> , 2002	[41]	900	40 *	2	-	1.45	Planar	NiFe
Xu <i>et al.</i> , 1998	[42]	720	45	10	90	0.520	Solenoid	NiFe
Sakakibara <i>et al.</i> , 1996	[43]	106	50	10	93	10	Planar	CoZrRe
Kurata <i>et al.</i> , 1994	[44]	24	50	100	92	0.042	Solenoid	CoFeSiB
Tang <i>et al.</i> , 2001	[45]	154	63	8	95	-	Planar	Air
Wang <i>et al.</i> , 2007	[8]	840	63	10	93	0.355	Planar	NiFe
Raimann <i>et al.</i> , 2012	[11]	142.3	65	45	86	1.6	Solenoid	Ferrite
Moazenzadeh <i>et al.</i> , 2013	[15]	175.6	68	54	94	0.674	Solenoid	Air
Moazenzadeh <i>et al.</i> , 2014	[16]	5714	71	1.11	98	7.5	Solenoid	CoFeNiSiB
Moazenzadeh <i>et al.</i> , 2013	[46]	395	74	32	98	0.720	Solenoid	CoFeNiSiB
Wu <i>et al.</i> , 2015	[47]	195.5	-	-	98	0.2	Planar	Air
Macrelli <i>et al.</i> , 2014	[48]	73256	-	-	90	4.32	Toroid	MnZn
Khan <i>et al.</i> , 2015	[49]	16.2	~55	-	75	0.044	Fractal shaped	Air
Tra_10_W65 *	This work	158	84	61	96	1.6	Solenoid	NiFeZn+epoxy

* Tra_X_WY represents the transformer made of X number of turns in primary and secondary coil wound around the composite core made of Y% of magnetic powder.

The authors apologize for any inconvenience caused by these errors. The manuscript will be updated online and the previous version will remain available on the article webpage.

References

1. Mariappan, S.G.; Moazenzadeh, A.; Wallrabe, U. Polymer Magnetic Composite Core Based Microcoils and Microtransformers for Very High Frequency Power Applications. *Micromachines* **2016**, *7*, 60.



© 2016 by the authors; licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC-BY) license (<http://creativecommons.org/licenses/by/4.0/>).