

VIVAX**METROTECH**

Calibration Certificate

Vivax-Metrotech UK

Unit 1 B/C Polden Business Centre

Bristol Road

Bridgwater TA6 4AW UK

Tel: +44 (0)1793 822 679

Service & Repair free call in the UK: 0800 0281 811

<http://www.vxmt.com>**Manufacturer:** Vivax-Metrotech**Model:** vLocPro2**Serial No.:** 20401140739**Asset No.:** JB8936**Work Order:****Report No.:****Customer:**

We certify that the instrument meets or exceeds the manufacturer published electrical specifications at the points tested. All measurements are traceable to national or international standards or have been derived by approved ratio techniques. This certificate may not be reproduced other than in full.

Calibration Information

Calibration Date: 28-MAY-2026 11:58:27

Status: Passed

Top Coils

Frequency	Driving current	Helmholtz Pair	H coil response		V coil response	
128 Hz	240.0 mA	Horizontal field	+1.0902214	ok	+0.0152423	ok
		Vertical field	+0.0074902	ok	+0.0022522	ok
256 Hz	240.0 mA	Horizontal field	+1.0896468	ok	+0.0152421	ok
		Vertical field	+0.0074906	ok	+0.0021368	ok
640 Hz	80.0 mA	Horizontal field	+1.0880753	ok	+0.0151711	ok
		Vertical field	+0.0074674	ok	+0.0017993	ok
1024 Hz	40.0 mA	Horizontal field	+1.0876954	ok	+0.0151175	ok
		Vertical field	+0.0074804	ok	+0.0015933	ok
8192 Hz	4.0 mA	Horizontal field	+1.0914551	ok	+0.0150918	ok
		Vertical field	+0.0080425	ok	+0.0002109	ok
8193 Hz	4.0 mA	Horizontal field	+1.1335998	ok	+0.0158739	ok
		Vertical field	+0.0083044	ok	+0.0002811	ok
32768 Hz	2.8 mA	Horizontal field	+1.1119190	ok	+0.0172506	ok
		Vertical field	+0.0086417	ok	+0.0011077	ok
65536 Hz	2.8 mA	Horizontal field	+1.1504859	ok	+0.0210447	ok
		Vertical field	+0.0108747	ok	+0.0019199	ok
200 KHz	6.0 mA	Horizontal field	+0.6335436	ok	+0.0246368	ok
		Vertical field	+0.0239026	ok	+0.0054338	ok

Bottom Coils

Frequency	Driving current	Helmholtz Pair	H coil response		V coil response	
128 Hz	240.0 mA	Horizontal field	+1.0025282	ok	+0.0025885	ok
		Vertical field	+0.0099616	ok	+0.5182999	ok
256 Hz	240.0 mA	Horizontal field	+1.0022907	ok	+0.0025847	ok
		Vertical field	+0.0099393	ok	+0.5178170	ok
640 Hz	80.0 mA	Horizontal field	+1.0011150	ok	+0.0026375	ok
		Vertical field	+0.0098304	ok	+0.5167026	ok
1024 Hz	40.0 mA	Horizontal field	+1.0008869	ok	+0.0026502	ok
		Vertical field	+0.0097668	ok	+0.5163370	ok
8192 Hz	4.0 mA	Horizontal field	+1.0025036	ok	+0.0025638	ok
		Vertical field	+0.0100315	ok	+0.5205528	ok
8193 Hz	4.0 mA	Horizontal field	+1.0514387	ok	+0.0026488	ok
		Vertical field	+0.0105773	ok	+0.5477274	ok
32768 Hz	2.8 mA	Horizontal field	+1.0166079	ok	+0.0050800	ok
		Vertical field	+0.0093192	ok	+0.5926511	ok

65536 Hz	2.8 mA	Horizontal field	+1.0504173	ok	+0.0131710	ok
		Vertical field	+0.0077450	ok	+0.7989604	ok
200 KHz	6.0 mA	Horizontal field	+0.7035953	ok	+0.0308554	ok
		Vertical field	+0.0218487	ok	+1.3414636	ok
Calibration Current Ratio (bottom over top)						
Frequency	Driving current	Measured top current	Measured bottom current		Ratio (bottom/top)	
128 Hz	240.0 mA	239.6076343 mA	239.5966613 mA		0.9999542	ok
256 Hz	240.0 mA	239.6206217 mA	239.6058827 mA		0.9999385	ok
640 Hz	80.0 mA	79.8854096 mA	79.8824065 mA		0.9999624	ok
1024 Hz	40.0 mA	39.9668947 mA	39.9659478 mA		0.9999763	ok
8192 Hz	4.0 mA	3.9990184 mA	3.9988635 mA		0.9999613	ok
8193 Hz	4.0 mA	3.9990514 mA	3.9989749 mA		0.9999809	ok
32768 Hz	2.8 mA	2.8109031 mA	2.8109317 mA		1.0000102	ok
65536 Hz	2.8 mA	2.8175403 mA	2.8176831 mA		1.0000507	ok
200 KHz	6.0 mA	6.1353273 mA	6.1354204 mA		1.0000152	ok