

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.:	20401122694	Asset No.:	JB 6135
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: 05-MAR-2026 12:48:20 Status: Passed

Top Coils					
Frequency	Driving current	Helmholtz Pair	H coil response		V coil response
128 Hz	240.0 mA	Horizontal field	+1.1040663	ok	+0.0070060 ok
		Vertical field	+0.0019424	ok	+0.0020732 ok
256 Hz	240.0 mA	Horizontal field	+1.1033936	ok	+0.0069992 ok
		Vertical field	+0.0019046	ok	+0.0019247 ok
640 Hz	80.0 mA	Horizontal field	+1.1018604	ok	+0.0070117 ok
		Vertical field	+0.0018989	ok	+0.0015877 ok
1024 Hz	40.0 mA	Horizontal field	+1.1015412	ok	+0.0070393 ok
		Vertical field	+0.0018654	ok	+0.0013923 ok
8192 Hz	4.0 mA	Horizontal field	+1.1043507	ok	+0.0072520 ok
		Vertical field	+0.0014977	ok	+0.0006705 ok
8193 Hz	4.0 mA	Horizontal field	+1.1474353	ok	+0.0075103 ok
		Vertical field	+0.0016662	ok	+0.0007758 ok
32768 Hz	2.8 mA	Horizontal field	+1.1184692	ok	+0.0079880 ok
		Vertical field	+0.0037999	ok	+0.0009106 ok
65536 Hz	2.8 mA	Horizontal field	+1.1527781	ok	+0.0081692 ok
		Vertical field	+0.0068028	ok	+0.0017296 ok
200 KHz	6.0 mA	Horizontal field	+0.6375583	ok	+0.0023451 ok
		Vertical field	+0.0199801	ok	+0.0010681 ok
Bottom Coils					
Frequency	Driving current	Helmholtz Pair	H coil response		V coil response
128 Hz	240.0 mA	Horizontal field	+1.1219180	ok	+0.0039942 ok
		Vertical field	+0.0110748	ok	+0.5046766 ok
256 Hz	240.0 mA	Horizontal field	+1.1211772	ok	+0.0039873 ok
		Vertical field	+0.0110763	ok	+0.5041634 ok
640 Hz	80.0 mA	Horizontal field	+1.1196170	ok	+0.0039228 ok
		Vertical field	+0.0111579	ok	+0.5030518 ok
1024 Hz	40.0 mA	Horizontal field	+1.1191956	ok	+0.0038871 ok
		Vertical field	+0.0112095	ok	+0.5026981 ok
8192 Hz	4.0 mA	Horizontal field	+1.1190604	ok	+0.0041824 ok
		Vertical field	+0.0108129	ok	+0.5066899 ok
8193 Hz	4.0 mA	Horizontal field	+1.1554046	ok	+0.0043748 ok
		Vertical field	+0.0111161	ok	+0.5252766 ok
32768 Hz	2.8 mA	Horizontal field	+1.1120028	ok	+0.0057898 ok
		Vertical field	+0.0107657	ok	+0.5689410 ok
65536 Hz	2.8 mA	Horizontal field	+1.1595668	ok	+0.0092359 ok
		Vertical field	+0.0116223	ok	+0.7708626 ok
200 KHz	6.0 mA	Horizontal field	+0.7843807	ok	+0.0110575 ok
		Vertical field	+0.0164695	ok	+1.2105570 ok
Calibration Current Ratio (bottom over top)					
Frequency	Driving current	Measured top current	Measured bottom current	Ratio (bottom/top)	
128 Hz	240.0 mA	239.8208993 mA	239.8132073 mA	0.9999679 ok	
256 Hz	240.0 mA	239.8056400 mA	239.8154597 mA	1.0000409 ok	
640 Hz	80.0 mA	79.9565519 mA	79.9610677 mA	1.0000565 ok	
1024 Hz	40.0 mA	40.0069194 mA	40.0082717 mA	1.0000338 ok	

8192 Hz	4.0 mA	4.0028895 mA	4.0029750 mA	1.0000214 ok
8193 Hz	4.0 mA	4.0027813 mA	4.0030157 mA	1.0000586 ok
32768 Hz	2.8 mA	2.8134821 mA	2.8136796 mA	1.0000702 ok
65536 Hz	2.8 mA	2.8201171 mA	2.8202075 mA	1.0000321 ok
200 KHz	6.0 mA	6.0742157 mA	6.0744090 mA	1.0000318 ok