

VIVAX

METROTECH

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

Calibration Certificate

Manufacturer: Vivax-Metrotech

Model: vLocPro2

Serial No.: 20401122085

Asset No.: JB6647

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: 09-APR-2026 13:04:10

Status: Passed

Top Coils

Frequency	Driving current	Helmholtz Pair	H coil response	V coil response
128 Hz	240.0 mA	Horizontal field	+1.0913972 ok	+0.0030315 ok
		Vertical field	+0.0070672 ok	+0.0010863 ok
256 Hz	240.0 mA	Horizontal field	+1.0906456 ok	+0.0030270 ok
		Vertical field	+0.0070923 ok	+0.0014277 ok
640 Hz	80.0 mA	Horizontal field	+1.0889100 ok	+0.0029759 ok
		Vertical field	+0.0070671 ok	+0.0020688 ok
1024 Hz	40.0 mA	Horizontal field	+1.0884377 ok	+0.0029370 ok
		Vertical field	+0.0070800 ok	+0.0024676 ok
8192 Hz	4.0 mA	Horizontal field	+1.0919315 ok	+0.0028272 ok
		Vertical field	+0.0075603 ok	+0.0039777 ok
8193 Hz	4.0 mA	Horizontal field	+1.1622661 ok	+0.0029991 ok
		Vertical field	+0.0080076 ok	+0.0042488 ok
32768 Hz	2.8 mA	Horizontal field	+1.1376156 ok	+0.0042718 ok
		Vertical field	+0.0083196 ok	+0.0039627 ok
65536 Hz	2.8 mA	Horizontal field	+1.1644614 ok	+0.0077854 ok
		Vertical field	+0.0104405 ok	+0.0036425 ok
200 KHz	6.0 mA	Horizontal field	+0.6090940 ok	+0.0068659 ok
		Vertical field	+0.0136981 ok	+0.0101811 ok

Bottom Coils

Frequency	Driving current	Helmholtz Pair	H coil response	V coil response
128 Hz	240.0 mA	Horizontal field	+1.1130205 ok	+0.0028309 ok
		Vertical field	+0.0017262 ok	+0.5060033 ok
256 Hz	240.0 mA	Horizontal field	+1.1122757 ok	+0.0029298 ok
		Vertical field	+0.0017238 ok	+0.5054309 ok
640 Hz	80.0 mA	Horizontal field	+1.1105771 ok	+0.0028741 ok
		Vertical field	+0.0016133 ok	+0.5042023 ok
1024 Hz	40.0 mA	Horizontal field	+1.1100953 ok	+0.0028503 ok
		Vertical field	+0.0015346 ok	+0.5037805 ok
8192 Hz	4.0 mA	Horizontal field	+1.1114422 ok	+0.0030971 ok
		Vertical field	+0.0017915 ok	+0.5075626 ok
8193 Hz	4.0 mA	Horizontal field	+1.1816542 ok	+0.0032648 ok
		Vertical field	+0.0019405 ok	+0.5308502 ok
32768 Hz	2.8 mA	Horizontal field	+1.1406920 ok	+0.0048751 ok
		Vertical field	+0.0022541 ok	+0.5744159 ok
65536 Hz	2.8 mA	Horizontal field	+1.1627448 ok	+0.0091179 ok
		Vertical field	+0.0035418 ok	+0.7746773 ok
200 KHz	6.0 mA	Horizontal field	+0.6275239 ok	+0.0120936 ok
		Vertical field	+0.0083745 ok	+1.2763563 ok

Calibration Current Ratio (bottom over top)

Frequency	Driving current	Measured top current	Measured bottom current	Ratio (bottom/top)
128 Hz	240.0 mA	239.7295450 mA	239.7100967 mA	0.9999189 ok
256 Hz	240.0 mA	239.7382700 mA	239.7246303 mA	0.9999431 ok
640 Hz	80.0 mA	79.9286090 mA	79.9234479 mA	0.9999354 ok
1024 Hz	40.0 mA	39.9905553 mA	39.9890185 mA	0.9999616 ok

8192 Hz	4.0 mA	4.0013456 mA	4.0011817 mA	0.9999590 ok
8193 Hz	4.0 mA	4.0012605 mA	4.0011498 mA	0.9999723 ok
32768 Hz	2.8 mA	2.8124464 mA	2.8124757 mA	1.0000104 ok
65536 Hz	2.8 mA	2.8190466 mA	2.8190543 mA	1.0000027 ok
200 KHz	6.0 mA	6.1410224 mA	6.1412621 mA	1.0000390 ok