

Frequency (Hz)	V_Mag (mV)	V_Mag (V)	Current (A)	Mag Field (G)	MagError	V_Pickup (V)	VError
100	0.6	0.0006	0.600901352	194.6920381	1.399835754	8.735	0.0026205
	5.1	0.0051	5.107661492	1654.882323	11.89860391	17.21	0.005163
	7.5	0.0075	7.5112669	2433.650476	17.49794692	27.42	0.008226
Peak ->	8.7	0.0087	8.713069604	2823.034552	20.29761843	29.66	0.008898
	12.7	0.0087	8.713069604	2823.034552	20.29761843	20.32	0.006096
	14.8	0.0148	14.82223335	4802.403605	34.52928192	17.12	0.005136
	18.8	0.0188	18.82824236	6100.350526	43.86152028	13.92	0.004176
	22.7	0.0227	22.73410115	7365.848773	52.96045268	12.49	0.003747
	26	0.026	26.03905859	8436.654982	60.65954932	11.79	0.003537
150	0.6	0.0006	0.600901352	194.6920381	1.399835754	12.64	0.003792
	4.4	0.0044	4.406609915	1427.741612	10.26546219	16.89	0.005067
	8.6	0.0086	8.612919379	2790.585879	20.06431247	31.86	0.009558
	9.6	0.0096	9.614421632	3115.072609	22.39737206	38.52	0.011556
	10	0.01	10.01502253	3244.867301	23.33059589	41.92	0.012576
	10.7	0.0107	10.71607411	3472.008012	24.96373761	46.73	0.014019
	11.6	0.0116	11.61742614	3764.046069	27.06349124	53.28	0.015984
Peak ->	12.8	0.0128	12.81922884	4153.430145	29.86316274	57.15	0.017145
	14.6	0.0146	14.6219329	4737.506259	34.06267001	50.05	0.015015
	15.6	0.0156	15.62343515	5061.992989	36.39572959	44.97	0.013491
	16.7	0.0167	16.72508763	5418.928393	38.96209514	39.76	0.011928
	18.8	0.0188	18.82824236	6100.350526	43.86152028	32.23	0.009669
	22.7	0.0227	22.73410115	7365.848773	52.96045268	25.06	0.007518
	26	0.026	26.03905859	8436.654982	60.65954932	22.09	0.006627
200	0.6	0.0006	0.600901352	194.6920381	1.399835754	16.8	0.00504
	4.6	0.0046	4.606910366	1492.638958	10.73207411	20.27	0.006081
	8.7	0.0087	8.713069604	2823.034552	20.29761843	29.82	0.008946
	9.7	0.0097	9.714571858	3147.521282	22.63067802	34.15	0.010245
	10.7	0.0117	11.71757636	3796.494742	27.2967972	38.61	0.011583
	11.7	0.0117	11.71757636	3796.494742	27.2967972	45.43	0.013629
	12.7	0.0127	12.71907862	4120.981472	29.62985679	52.81	0.015843
	13.7	0.0137	13.72058087	4445.468202	31.96291637	63.19	0.018957

	14.7	0.0147	14.72208312	4769.954932	34.29597596	75.23	0.022569
	15.7	0.0157	15.72358538	5094.441662	36.62903555	85.57	0.025671
Peak ->	17	0.017	17.02553831	5516.274412	39.66201302	91.84	0.027552
	21	0.021	21.03154732	6814.221332	48.99425138	62.47	0.018741
	23	0.023	23.03455183	7463.194792	53.66037056	51.14	0.015342
	26	0.026	26.03905859	8436.654982	60.65954932	41.23	0.012369
400	0.6	0.0006	0.600901352	194.6920381	1.399835754	32.76	0.009828
	4.6	0.0046	4.606910366	1492.638958	10.73207411	37.81	0.011343
	8.6	0.0086	8.612919379	2790.585879	20.06431247	38.03	0.011409
	12.6	0.0126	12.61892839	4088.532799	29.39655083	44.1	0.01323
	14.6	0.0146	14.6219329	4737.506259	34.06267001	48.71	0.014613
	16.6	0.0166	16.62493741	5386.47972	38.72878918	54.5	0.01635
	18.6	0.0186	18.62794191	6035.45318	43.39490836	61.65	0.018495
	20.6	0.0206	20.63094642	6684.42664	48.06102754	71.86	0.021558
	21.6	0.0216	21.63244867	7008.91337	50.39408713	78.98	0.023694
	22.6	0.0226	22.63395093	7333.4001	52.72714672	86.02	0.025806
	23.6	0.0236	23.63545318	7657.88683	55.06020631	94.98	0.028494
	24.6	0.0246	24.63695543	7982.37356	57.3932659	104.13	0.031239
	25.6	0.0256	25.63845769	8306.86029	59.72632549	116.68	0.035004
	26	0.026	26.03905859	8436.654982	60.65954932	119.81	0.035943
	26.6	0.0266	26.63995994	8631.347021	62.05938508	129.22	0.038766
Asymptotic	27.4	0.0274	27.44116174	8890.936405	63.92583275	140.73	0.042219
1000	0.5	0.0005	0.5007511267	162.243365	1.166529795	78.42	0.023526
	4.5	0.0045	4.50676014	1460.190285	10.49876815	84.91	0.025473
	7.5	0.0085	8.512769154	2758.137206	19.83100651	95.13	0.028539
	8.5	0.0085	8.512769154	2758.137206	19.83100651	101.28	0.030384
Peak ->	9.8	0.0098	9.814722083	3179.969955	22.86398398	105.42	0.031626
	11.5	0.0115	11.51727591	3731.597396	26.83018528	99.62	0.029886
	15.5	0.0155	15.52328493	5029.544316	36.16242364	86.89	0.026067
	18.5	0.0185	18.52779169	6003.004507	43.1616024	85.92	0.025776
	20.5	0.0205	20.53079619	6651.977967	47.82772158	86.67	0.026001
	22.5	0.0225	22.5338007	7300.951427	52.49384076	88.19	0.026457

	24.5	0.0245	24.53680521	7949.924887	57.15995994	90.03	0.027009
	26	0.026	26.03905859	8436.654982	60.65954932	91.61	0.027483
2000	0.6	0.0006	0.600901352	194.6920381	1.399835754	141.97	0.042591
	4.6	0.0046	4.606910366	1492.638958	10.73207411	149.85	0.044955
	8.6	0.0086	8.612919379	2790.585879	20.06431247	159.41	0.047823
	12.6	0.0126	12.61892839	4088.532799	29.39655083	162.43	0.048729
	14.6	0.0146	14.6219329	4737.506259	34.06267001	176.3	0.05289
	18.6	0.0186	18.62794191	6035.45318	43.39490836	231.8	0.06954
	19.9	0.0199	19.92989484	6457.285929	46.42788583	240.8	0.07224
	20.6	0.0206	20.63094642	6684.42664	48.06102754	238.5	0.07155
	22.6	0.0226	22.63395093	7333.4001	52.72714672	218.4	0.06552
	24.6	0.0246	24.63695543	7982.37356	57.3932659	202.5	0.06075
	26	0.026	26.03905859	8436.654982	60.65954932	192.8	0.05784