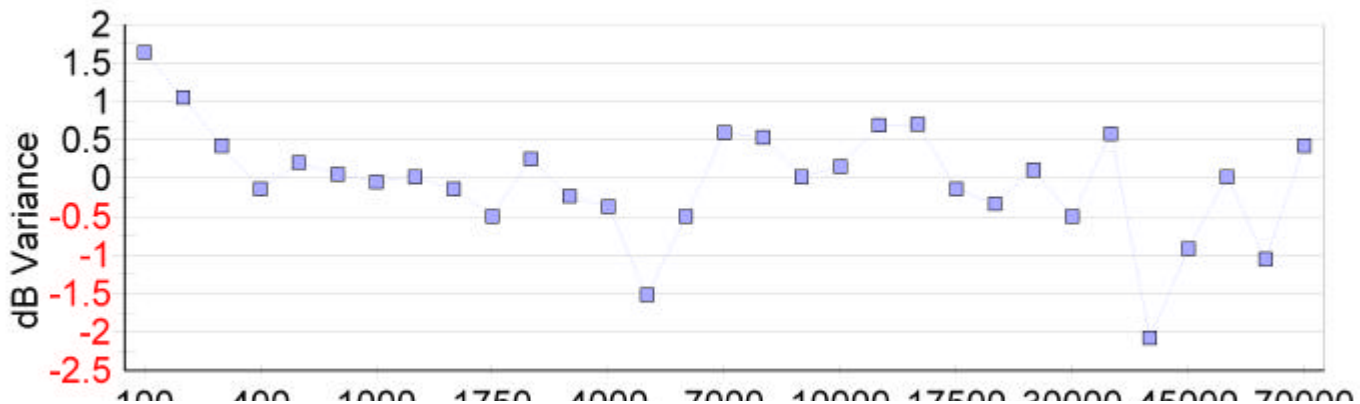


Hydrophone under test:		Preamped B&K		Ref:		B&K 8103
Freq, Hz	Response, Ref in mV	Response, Test in mV	Factor1 [Test/Ref resp]	Factor2 [Gain * Ref.]	dB variance [20log(Test/Factor2)]	
100	1.5	115	76.6667	95.2206	1.6393	
200	6	430	71.6667	380.8825	1.0535	
300	3	200	66.6667	190.4412	0.4254	
400	2.4	150	62.5000	152.3530	-0.1352	
500	2	130	65.0000	126.9608	0.2055	
750	1.8	115	63.8889	114.2647	0.0557	
1000	1.9	120	63.1579	120.6128	-0.0442	
1250	1.65	105	63.6364	104.7427	0.0213	
1500	1.6	100	62.5000	101.5687	-0.1352	
1750	1.2	72	60.0000	76.1765	-0.4898	
2000	5.2	340	65.3846	330.0982	0.2567	
2500	1.1	68	61.8182	69.8285	-0.2305	
4000	1.15	70	60.8696	73.0025	-0.3648	
5000	0.6	32	53.3333	38.0882	-1.5128	
6000	1.4	84	60.0000	88.8726	-0.4898	
7000	5	340	68.0000	317.4021	0.5974	
8000	8	540	67.5000	507.8433	0.5333	
9000	2.2	140	63.6364	139.6569	0.0213	
10000	13	840	64.6154	825.2454	0.1539	
12500	16	1100	68.7500	1015.6867	0.6927	
15000	6.1	420	68.8525	387.2305	0.7056	
17500	4	250	62.5000	253.9217	-0.1352	
20000	4.5	275	61.1111	285.6619	-0.3304	
25000	2.8	180	64.2857	177.7452	0.1095	
30000	2.5	150	60.0000	158.7010	-0.4898	
35000	4.2	285	67.8571	266.6177	0.5791	
40000	1.2	60	50.0000	76.1765	-2.0734	
45000	1.4	80	57.1429	88.8726	-0.9136	
50000	1.1	70	63.6364	69.8285	0.0213	
60000	0.8	45	56.2500	50.7843	-1.0503	
70000	0.6	40	66.6667	38.0882	0.4254	
approx. gain over ref: [Factor1 avg.]			63.4804			

B&K 8103 s/n: 1767553; calib 12/93

Projectors: P1= University Sound UW-30 (100Hz-12.5KHz)
P2= HF Piezo Film Transducer (15KHz-70KHz)

PreAmp Response Curve



100 400 1000 1750 4000 7000 10000 17500 30000 45000 70000

Frequency