



Hobi Instrument Services

HydroScat-6 Calibration Certificate

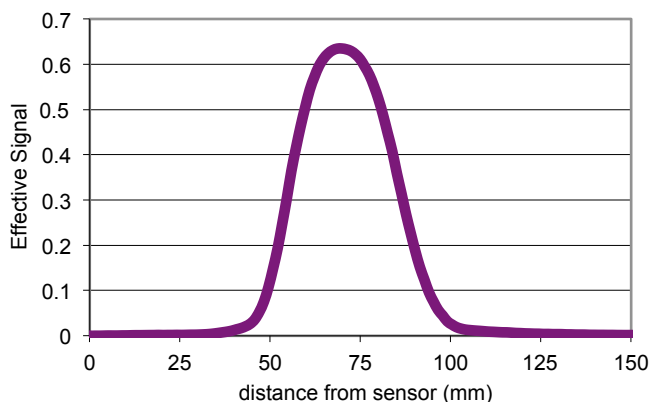
Cert Date: **August 1, 2018**

Serial Number: **HS010929**

Configuration: **F8B2**

Channel 1: bb405

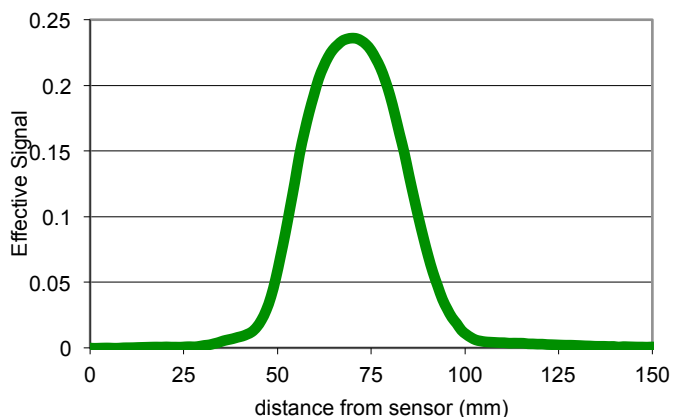
Incremental Response Function



mu:	16.15	
mu Rho:	1.1	
SigmaExp:	0.148	
Temp Coeff:	-0.0037	
Gain Factor Dark Offset		
Gain 1:	1.000	2
Gain 2:	9.649	2
Gain 3:	94.908	2
Gain 4:	945.22	1
Gain 5:	9726.8	-1

Channel 2: bb532

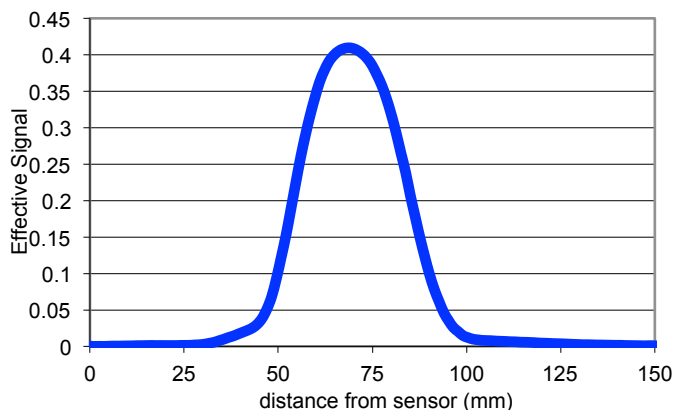
Incremental Response Function



mu:	42.08	
mu Rho:	1.1	
SigmaExp:	0.148	
Temp Coeff:	0.00079	
Gain Factor Dark Offset		
Gain 1:	1.000	0
Gain 2:	9.659	3
Gain 3:	95.310	4
Gain 4:	949.90	0
Gain 5:	10238.0	5

Channel 3: bb440

Incremental Response Function



mu:	24.84
mu Rho:	1.1
SigmaExp:	0.146
Temp Coeff:	-0.001
Gain Factor Dark Offset	
Gain 1:	1.0003
Gain 2:	9.6251
Gain 3:	94.6012
Gain 4:	936.25-1
Gain 5:	9735.0-21



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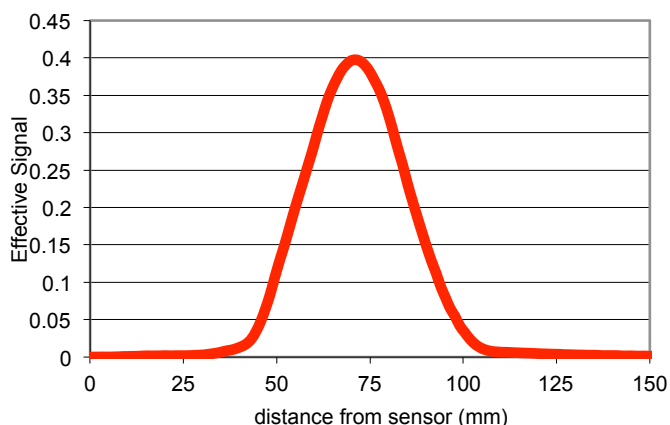
Serial Number: **HS010929**

Configuration: **F8B2**

Channel 4: bb700

mu:	24.85
mu Rho:	1.1
SigmaExp:	0.149
Temp Coeff:	0.00949
Gain Factor Dark Offset	
Gain 1:	1.000 2
Gain 2:	9.696 2
Gain 3:	95.398 2
Gain 4:	949.11 6
Gain 5:	9963.7 57

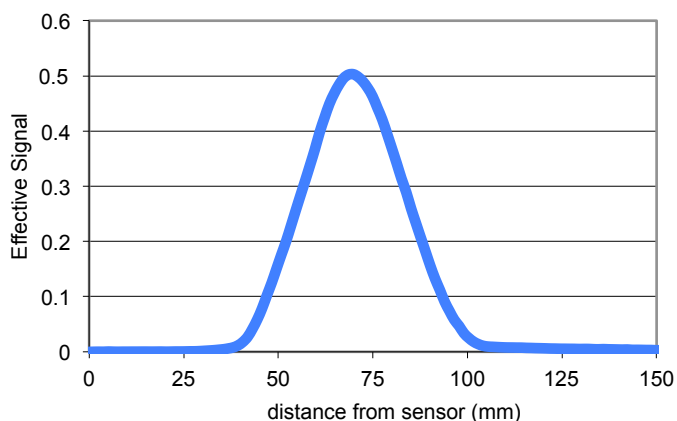
Incremental Response Function



Channel 5: bb486

mu:	20.26
mu Rho:	1.1
SigmaExp:	0.148
Temp Coeff:	-0.0013
Gain Factor Dark Offset	
Gain 1:	1.000 1
Gain 2:	9.678 1
Gain 3:	95.117 3
Gain 4:	944.45 7
Gain 5:	10029.0 76

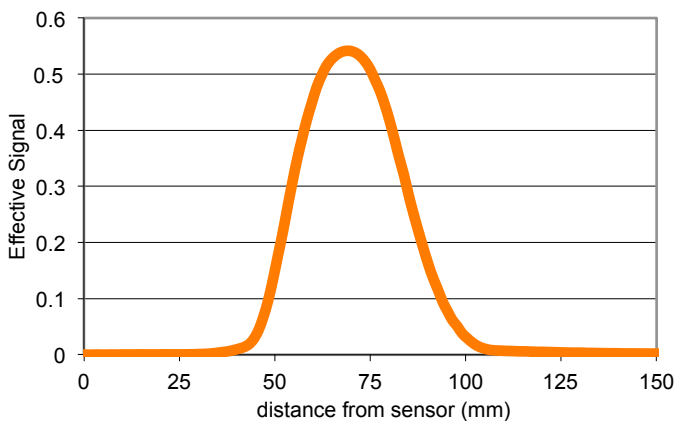
Incremental Response Function



Channel 6: bb594

mu:	18.51
mu Rho:	1.1
SigmaExp:	0.148
Temp Coeff:	0.004
Gain Factor Dark Offset	
Gain 1:	1.000 2
Gain 2:	9.723 2
Gain 3:	95.787 3
Gain 4:	963.36 8
Gain 5:	10331.0 98

Incremental Response Function





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Cert Date: **August 1, 2018**

Serial Number: **HS010929**

Configuration: **F8B2**

Depth Cal Date **7/30/18**

Depth Calibration

Coefficient:

0.0134

meter (sea water)/count

Offset:

32.4

meters (sea water)

Pressure Transducer Response

